

SUBMITTED TO:
PACCAR Inc

BY:
Shannon & Wilson
400 N. 34th Street, Suite 100
Seattle, WA 98103

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FINAL COMPLIANCE MONITORING REPORT

Remedial Excavations

8801 EAST MARGINAL WAY S., TUKWILA, WASHINGTON
AGREED ORDER NO. 6069

Appendix F (partial)

Analytical Reports for Confirmation Soil Samples

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Shannon & Wilson
Ryan Peterson
400 N. 34th Street, Suite 100
Seattle, WA 98103

RE: 8801
Work Order Number: 2110520

December 23, 2021

Attention Ryan Peterson:

Fremont Analytical, Inc. received 43 sample(s) on 10/29/2021 for the analyses presented in the following report.

Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Revision v4

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CLIENT: Shannon & Wilson
Project: 8801
Work Order: 2110520

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2110520-001	A4-SIDE29:2	10/29/2021 10:07 AM	10/29/2021 3:58 PM
2110520-002	A4-SIDE29:6.5	10/29/2021 10:10 AM	10/29/2021 3:58 PM
2110520-003	A4-SIDE30:2	10/29/2021 10:13 AM	10/29/2021 3:58 PM
2110520-004	A4-SIDE30:6	10/29/2021 10:18 AM	10/29/2021 3:58 PM
2110520-005	A4-SIDE31:2	10/29/2021 10:30 AM	10/29/2021 3:58 PM
2110520-006	A4-SIDE31:6	10/29/2021 10:34 AM	10/29/2021 3:58 PM
2110520-007	A4-SIDE32:8	10/29/2021 10:36 AM	10/29/2021 3:58 PM
2110520-008	A4-SIDE33:2	10/29/2021 10:42 AM	10/29/2021 3:58 PM
2110520-009	A4-SIDE33:6	10/29/2021 10:47 AM	10/29/2021 3:58 PM
2110520-010	A4-SIDE103:2	10/29/2021 10:51 AM	10/29/2021 3:58 PM
2110520-011	A4-SIDE34:2	10/29/2021 10:53 AM	10/29/2021 3:58 PM
2110520-012	A4-SIDE34:6	10/29/2021 10:56 AM	10/29/2021 3:58 PM
2110520-013	A4-SIDE34:8	10/29/2021 11:00 AM	10/29/2021 3:58 PM
2110520-014	A4-SIDE35:2	10/29/2021 11:03 AM	10/29/2021 3:58 PM
2110520-015	A4-SIDE35:6	10/29/2021 11:07 AM	10/29/2021 3:58 PM
2110520-016	A4-SIDE36:2	10/29/2021 11:10 AM	10/29/2021 3:58 PM
2110520-017	A4-SIDE36:6	10/29/2021 11:13 AM	10/29/2021 3:58 PM
2110520-018	A4-SIDE37:2	10/29/2021 11:17 AM	10/29/2021 3:58 PM
2110520-019	A4-SIDE37:6	10/29/2021 11:20 AM	10/29/2021 3:58 PM
2110520-020	A4-SIDE37:8	10/29/2021 11:24 AM	10/29/2021 3:58 PM
2110520-021	A4-SIDE37:9	10/29/2021 11:25 AM	10/29/2021 3:58 PM
2110520-022	A4-SIDE38:2	10/29/2021 11:27 AM	10/29/2021 3:58 PM
2110520-023	A4-SIDE38:6	10/29/2021 11:30 AM	10/29/2021 3:58 PM
2110520-024	A4-SIDE39:2	10/29/2021 11:35 AM	10/29/2021 3:58 PM
2110520-025	A4-SIDE39:0.8	10/29/2021 11:36 AM	10/29/2021 3:58 PM
2110520-026	A4-SIDE39:6	10/29/2021 11:40 AM	10/29/2021 3:58 PM
2110520-027	A4-SIDE40:1	10/29/2021 12:33 PM	10/29/2021 3:58 PM
2110520-028	A4-SIDE40:5.5	10/29/2021 12:37 PM	10/29/2021 3:58 PM
2110520-029	A4-SIDE41:2	10/29/2021 12:39 PM	10/29/2021 3:58 PM
2110520-030	A4-SIDE41:6	10/29/2021 12:43 PM	10/29/2021 3:58 PM
2110520-031	A4-SIDE42:2	10/29/2021 12:47 PM	10/29/2021 3:58 PM
2110520-032	A4-SIDE42:6	10/29/2021 12:51 PM	10/29/2021 3:58 PM
2110520-033	A4-SIDE43:1	10/29/2021 12:57 PM	10/29/2021 3:58 PM
2110520-034	A4-SIDE44:1	10/29/2021 12:59 PM	10/29/2021 3:58 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson
Project: 8801
Work Order: 2110520

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2110520-035	A4-SIDE43:5	10/29/2021 1:02 PM	10/29/2021 3:58 PM
2110520-036	A4-SIDE45:1	10/29/2021 1:03 PM	10/29/2021 3:58 PM
2110520-037	A4-SIDE45:6	10/29/2021 1:06 PM	10/29/2021 3:58 PM
2110520-038	A4-SIDE44:6	10/29/2021 1:10 PM	10/29/2021 3:58 PM
2110520-039	A4-SIDE46:2	10/29/2021 1:13 PM	10/29/2021 3:58 PM
2110520-040	A4-SIDE104:2	10/29/2021 1:15 PM	10/29/2021 3:58 PM
2110520-041	A4-SIDE46:6	10/29/2021 1:17 PM	10/29/2021 3:58 PM
2110520-042	A4-SIDE47:2	10/29/2021 1:20 PM	10/29/2021 3:58 PM
2110520-043	A4-SIDE47:6	10/29/2021 1:23 PM	10/29/2021 3:58 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson**Project:** 8801

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2110520-004A, 007A, 16A, 17A, 020A, 024A, 026A, 029A, 031A, 034A, 042A) required Florisil Cleanup Procedure (Using Method No 3620C).

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2110520-004A, 007A, 16A, 17A, 020A, 024A, 026A, 029A, 031A, 034A, 042A) required Acid Cleanup Procedure (Using Method No 3665A).

Revision 1 includes additional analysis requested by the client.

Revision 2 includes additional analysis requested by the client.

Revision 3 includes additional analysis requested by the client.

Revision 4 includes level 2B data package.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Client: Shannon & Wilson

Collection Date: 10/29/2021 10:07:00 AM

Project: 8801

Lab ID: 2110520-001

Matrix: Soil

Client Sample ID: A4-SIDE29:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0580	0.00935		mg/Kg-dry	1	11/01/21 18:16:01
Aroclor 1221	ND	0.0580	0.00935		mg/Kg-dry	1	11/01/21 18:16:01
Aroclor 1232	ND	0.0580	0.00935		mg/Kg-dry	1	11/01/21 18:16:01
Aroclor 1242	ND	0.0580	0.00935		mg/Kg-dry	1	11/01/21 18:16:01
Aroclor 1248	ND	0.0580	0.0115		mg/Kg-dry	1	11/01/21 18:16:01
Aroclor 1254	0.0862	0.0580	0.0115		mg/Kg-dry	1	11/01/21 18:16:01
Aroclor 1260	ND	0.0580	0.0115		mg/Kg-dry	1	11/01/21 18:16:01
Aroclor 1262	ND	0.0580	0.0115		mg/Kg-dry	1	11/01/21 18:16:01
Aroclor 1268	ND	0.0580	0.0115		mg/Kg-dry	1	11/01/21 18:16:01
Total PCBs	0.0862	0.0580	0.0115		mg/Kg-dry	1	11/01/21 18:16:01
Surr: Decachlorobiphenyl	70.2	20.6 - 142			%Rec	1	11/01/21 18:16:01
Surr: Tetrachloro-m-xylene	62.6	22 - 157			%Rec	1	11/01/21 18:16:01
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34223		Analyst: EH	
Copper	135	4.75	0.888		D mg/Kg-dry	5	11/01/21 18:53:15
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	16.4	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 10:10:00 AM

Project: 8801

Lab ID: 2110520-002

Matrix: Soil

Client Sample ID: A4-SIDE29:6.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34246

Analyst: SB

Aroclor 1016	ND	0.0543	0.00875		mg/Kg-dry	1	11/01/21 18:45:13
Aroclor 1221	ND	0.0543	0.00875		mg/Kg-dry	1	11/01/21 18:45:13
Aroclor 1232	ND	0.0543	0.00875		mg/Kg-dry	1	11/01/21 18:45:13
Aroclor 1242	ND	0.0543	0.00875		mg/Kg-dry	1	11/01/21 18:45:13
Aroclor 1248	ND	0.0543	0.0108		mg/Kg-dry	1	11/01/21 18:45:13
Aroclor 1254	0.398	0.0543	0.0108		mg/Kg-dry	1	11/01/21 18:45:13
Aroclor 1260	ND	0.0543	0.0108		mg/Kg-dry	1	11/01/21 18:45:13
Aroclor 1262	ND	0.0543	0.0108		mg/Kg-dry	1	11/01/21 18:45:13
Aroclor 1268	ND	0.0543	0.0108		mg/Kg-dry	1	11/01/21 18:45:13
Total PCBs	0.398	0.0543	0.0108		mg/Kg-dry	1	11/01/21 18:45:13
Surr: Decachlorobiphenyl	71.9	20.6 - 142			%Rec	1	11/01/21 18:45:13
Surr: Tetrachloro-m-xylene	64.2	22 - 157			%Rec	1	11/01/21 18:45:13

Total Metals by EPA Method 6020B

Batch ID: 34223

Analyst: EH

Copper	2,300	92.9	17.4		D mg/Kg-dry	100	11/02/21 11:42:20
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Sample Moisture (Percent Moisture)

Batch ID: R70911

Analyst: ALB

Percent Moisture	18.4	0.500	0.100		wt%	1	11/01/21 9:33:08
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Client: Shannon & Wilson

Collection Date: 10/29/2021 10:13:00 AM

Project: 8801

Lab ID: 2110520-003

Matrix: Soil

Client Sample ID: A4-SIDE30:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0531	0.00855		mg/Kg-dry	1	11/01/21 18:54:56
Aroclor 1221	ND	0.0531	0.00855		mg/Kg-dry	1	11/01/21 18:54:56
Aroclor 1232	ND	0.0531	0.00855		mg/Kg-dry	1	11/01/21 18:54:56
Aroclor 1242	ND	0.0531	0.00855		mg/Kg-dry	1	11/01/21 18:54:56
Aroclor 1248	ND	0.0531	0.0106		mg/Kg-dry	1	11/01/21 18:54:56
Aroclor 1254	0.0884	0.0531	0.0106		mg/Kg-dry	1	11/01/21 18:54:56
Aroclor 1260	ND	0.0531	0.0106		mg/Kg-dry	1	11/01/21 18:54:56
Aroclor 1262	ND	0.0531	0.0106		mg/Kg-dry	1	11/01/21 18:54:56
Aroclor 1268	ND	0.0531	0.0106		mg/Kg-dry	1	11/01/21 18:54:56
Total PCBs	0.0884	0.0531	0.0106		mg/Kg-dry	1	11/01/21 18:54:56
Surr: Decachlorobiphenyl	103	20.6 - 142			%Rec	1	11/01/21 18:54:56
Surr: Tetrachloro-m-xylene	99.7	22 - 157			%Rec	1	11/01/21 18:54:56
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34223		Analyst: EH	
Copper	274	4.29	0.804		D mg/Kg-dry	5	11/01/21 19:04:23
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	10.4	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 10:18:00 AM

Project: 8801

Lab ID: 2110520-004

Matrix: Soil

Client Sample ID: A4-SIDE30:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0579	0.00933		mg/Kg-dry	1	11/01/21 16:38:35
Aroclor 1221	ND	0.0579	0.00933		mg/Kg-dry	1	11/01/21 16:38:35
Aroclor 1232	ND	0.0579	0.00933		mg/Kg-dry	1	11/01/21 16:38:35
Aroclor 1242	ND	0.0579	0.00933		mg/Kg-dry	1	11/01/21 16:38:35
Aroclor 1248	ND	0.0579	0.0115		mg/Kg-dry	1	11/01/21 16:38:35
Aroclor 1254	0.0444	0.0579	0.0115	J	mg/Kg-dry	1	11/01/21 16:38:35
Aroclor 1260	ND	0.0579	0.0115		mg/Kg-dry	1	11/01/21 16:38:35
Aroclor 1262	ND	0.0579	0.0115		mg/Kg-dry	1	11/01/21 16:38:35
Aroclor 1268	ND	0.0579	0.0115		mg/Kg-dry	1	11/01/21 16:38:35
Total PCBs	0.0444	0.0579	0.0115	J	mg/Kg-dry	1	11/01/21 16:38:35
Surr: Decachlorobiphenyl	64.9	20.6 - 142			%Rec	1	11/01/21 16:38:35
Surr: Tetrachloro-m-xylene	61.2	22 - 157			%Rec	1	11/01/21 16:38:35
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34223		Analyst: EH	
Copper	333	4.68	0.875	D	mg/Kg-dry	5	11/01/21 19:09:57
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	18.4	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 10:30:00 AM

Project: 8801

Lab ID: 2110520-005

Matrix: Soil

Client Sample ID: A4-SIDE31:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0531	0.00855		mg/Kg-dry	1	11/01/21 19:04:38
Aroclor 1221	ND	0.0531	0.00855		mg/Kg-dry	1	11/01/21 19:04:38
Aroclor 1232	ND	0.0531	0.00855		mg/Kg-dry	1	11/01/21 19:04:38
Aroclor 1242	ND	0.0531	0.00855		mg/Kg-dry	1	11/01/21 19:04:38
Aroclor 1248	ND	0.0531	0.0105		mg/Kg-dry	1	11/01/21 19:04:38
Aroclor 1254	0.0175	0.0531	0.0105	J	mg/Kg-dry	1	11/01/21 19:04:38
Aroclor 1260	ND	0.0531	0.0105		mg/Kg-dry	1	11/01/21 19:04:38
Aroclor 1262	ND	0.0531	0.0105		mg/Kg-dry	1	11/01/21 19:04:38
Aroclor 1268	ND	0.0531	0.0105		mg/Kg-dry	1	11/01/21 19:04:38
Total PCBs	0.0175	0.0531	0.0105	J	mg/Kg-dry	1	11/01/21 19:04:38
Surr: Decachlorobiphenyl	68.0	20.6 - 142			%Rec	1	11/01/21 19:04:38
Surr: Tetrachloro-m-xylene	62.2	22 - 157			%Rec	1	11/01/21 19:04:38
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34223		Analyst: EH	
Copper	144	4.45	0.834	D	mg/Kg-dry	5	11/01/21 19:15:31
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	13.6	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 10:34:00 AM

Project: 8801

Lab ID: 2110520-006

Matrix: Soil

Client Sample ID: A4-SIDE31:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0575	0.00926		mg/Kg-dry	1	11/01/21 19:14:19
Aroclor 1221	ND	0.0575	0.00926		mg/Kg-dry	1	11/01/21 19:14:19
Aroclor 1232	ND	0.0575	0.00926		mg/Kg-dry	1	11/01/21 19:14:19
Aroclor 1242	ND	0.0575	0.00926		mg/Kg-dry	1	11/01/21 19:14:19
Aroclor 1248	ND	0.0575	0.0114		mg/Kg-dry	1	11/01/21 19:14:19
Aroclor 1254	0.0510	0.0575	0.0114	J	mg/Kg-dry	1	11/01/21 19:14:19
Aroclor 1260	ND	0.0575	0.0114		mg/Kg-dry	1	11/01/21 19:14:19
Aroclor 1262	ND	0.0575	0.0114		mg/Kg-dry	1	11/01/21 19:14:19
Aroclor 1268	ND	0.0575	0.0114		mg/Kg-dry	1	11/01/21 19:14:19
Total PCBs	0.0510	0.0575	0.0114	J	mg/Kg-dry	1	11/01/21 19:14:19
Surr: Decachlorobiphenyl	70.1	20.6 - 142			%Rec	1	11/01/21 19:14:19
Surr: Tetrachloro-m-xylene	65.4	22 - 157			%Rec	1	11/01/21 19:14:19
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34223		Analyst: EH	
Copper	634	4.64	0.869	D	mg/Kg-dry	5	11/01/21 19:21:05
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	18.4	0.500	0.100		wt%	1	11/01/21 9:33:08



Analytical Report

Work Order: 2110520
Date Reported: 12/23/2021

Client: Shannon & Wilson
Project: 8801
Lab ID: 2110520-007
Client Sample ID: A4-SIDE32:8

Collection Date: 10/29/2021 10:36:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0563	0.00907		mg/Kg-dry	1	11/01/21 16:48:18
Aroclor 1221	ND	0.0563	0.00907		mg/Kg-dry	1	11/01/21 16:48:18
Aroclor 1232	ND	0.0563	0.00907		mg/Kg-dry	1	11/01/21 16:48:18
Aroclor 1242	ND	0.0563	0.00907		mg/Kg-dry	1	11/01/21 16:48:18
Aroclor 1248	ND	0.0563	0.0112		mg/Kg-dry	1	11/01/21 16:48:18
Aroclor 1254	0.0716	0.0563	0.0112		mg/Kg-dry	1	11/01/21 16:48:18
Aroclor 1260	ND	0.0563	0.0112		mg/Kg-dry	1	11/01/21 16:48:18
Aroclor 1262	ND	0.0563	0.0112		mg/Kg-dry	1	11/01/21 16:48:18
Aroclor 1268	ND	0.0563	0.0112		mg/Kg-dry	1	11/01/21 16:48:18
Total PCBs	0.0716	0.0563	0.0112		mg/Kg-dry	1	11/01/21 16:48:18
Surr: Decachlorobiphenyl	86.2	20.6 - 142			%Rec	1	11/01/21 16:48:18
Surr: Tetrachloro-m-xylene	87.5	22 - 157			%Rec	1	11/01/21 16:48:18
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34223		Analyst: EH	
Copper	416	4.71	0.881		D mg/Kg-dry	5	11/01/21 19:26:39
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	17.7	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson
Project: 8801
Lab ID: 2110520-008
Client Sample ID: A4-SIDE33:2

Collection Date: 10/29/2021 10:42:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Total Metals by EPA Method 6020B</u>					Batch ID: 34284		Analyst: TN
Copper	1,430	4.21	0.787	DE	mg/Kg-dry	5	11/08/21 14:07:07
<u>Sample Moisture (Percent Moisture)</u>					Batch ID: R71049		Analyst: cb
Percent Moisture	16.3	0.500	0.100		wt%	1	11/05/21 9:09:37

Client: Shannon & Wilson
Project: 8801
Lab ID: 2110520-009
Client Sample ID: A4-SIDE33:6

Collection Date: 10/29/2021 10:47:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Total Metals by EPA Method 6020B</u>					Batch ID: 34284		Analyst: TN
Copper	383	4.57	0.856	D	mg/Kg-dry	5	11/08/21 14:09:26
<u>Sample Moisture (Percent Moisture)</u>					Batch ID: R71049		Analyst: cb
Percent Moisture	19.6	0.500	0.100		wt%	1	11/05/21 9:09:37



Client: Shannon & Wilson

Collection Date: 10/29/2021 10:51:00 AM

Project: 8801

Lab ID: 2110520-010

Matrix: Soil

Client Sample ID: A4-SIDE103:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0536	0.00864		mg/Kg-dry	1	11/01/21 19:24:02
Aroclor 1221	ND	0.0536	0.00864		mg/Kg-dry	1	11/01/21 19:24:02
Aroclor 1232	ND	0.0536	0.00864		mg/Kg-dry	1	11/01/21 19:24:02
Aroclor 1242	ND	0.0536	0.00864		mg/Kg-dry	1	11/01/21 19:24:02
Aroclor 1248	ND	0.0536	0.0107		mg/Kg-dry	1	11/01/21 19:24:02
Aroclor 1254	0.0268	0.0536	0.0107	J	mg/Kg-dry	1	11/01/21 19:24:02
Aroclor 1260	ND	0.0536	0.0107		mg/Kg-dry	1	11/01/21 19:24:02
Aroclor 1262	ND	0.0536	0.0107		mg/Kg-dry	1	11/01/21 19:24:02
Aroclor 1268	ND	0.0536	0.0107		mg/Kg-dry	1	11/01/21 19:24:02
Total PCBs	0.0268	0.0536	0.0107	J	mg/Kg-dry	1	11/01/21 19:24:02
Surr: Decachlorobiphenyl	90.9	20.6 - 142			%Rec	1	11/01/21 19:24:02
Surr: Tetrachloro-m-xylene	88.3	22 - 157			%Rec	1	11/01/21 19:24:02
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34240		Analyst: EH	
Copper	182	4.73	0.885	D	mg/Kg-dry	5	11/02/21 12:22:16
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	14.7	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 10:53:00 AM

Project: 8801

Lab ID: 2110520-011

Matrix: Soil

Client Sample ID: A4-SIDE34:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0544	0.00876		mg/Kg-dry	1	11/01/21 19:33:47
Aroclor 1221	ND	0.0544	0.00876		mg/Kg-dry	1	11/01/21 19:33:47
Aroclor 1232	ND	0.0544	0.00876		mg/Kg-dry	1	11/01/21 19:33:47
Aroclor 1242	ND	0.0544	0.00876		mg/Kg-dry	1	11/01/21 19:33:47
Aroclor 1248	ND	0.0544	0.0108		mg/Kg-dry	1	11/01/21 19:33:47
Aroclor 1254	ND	0.0544	0.0108		mg/Kg-dry	1	11/01/21 19:33:47
Aroclor 1260	ND	0.0544	0.0108		mg/Kg-dry	1	11/01/21 19:33:47
Aroclor 1262	ND	0.0544	0.0108		mg/Kg-dry	1	11/01/21 19:33:47
Aroclor 1268	ND	0.0544	0.0108		mg/Kg-dry	1	11/01/21 19:33:47
Total PCBs	ND	0.0544	0.0108		mg/Kg-dry	1	11/01/21 19:33:47
Surr: Decachlorobiphenyl	70.2	20.6 - 142			%Rec	1	11/01/21 19:33:47
Surr: Tetrachloro-m-xylene	66.0	22 - 157			%Rec	1	11/01/21 19:33:47
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34240		Analyst: EH	
Copper	71.0	4.63	0.867		D mg/Kg-dry	5	11/02/21 12:24:35
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	13.7	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 10:56:00 AM

Project: 8801

Lab ID: 2110520-012

Matrix: Soil

Client Sample ID: A4-SIDE34:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34246

Analyst: SB

Aroclor 1016	ND	0.0458	0.00737		mg/Kg-dry	1	11/01/21 19:43:32
Aroclor 1221	ND	0.0458	0.00737		mg/Kg-dry	1	11/01/21 19:43:32
Aroclor 1232	ND	0.0458	0.00737		mg/Kg-dry	1	11/01/21 19:43:32
Aroclor 1242	ND	0.0458	0.00737		mg/Kg-dry	1	11/01/21 19:43:32
Aroclor 1248	ND	0.0458	0.00910		mg/Kg-dry	1	11/01/21 19:43:32
Aroclor 1254	0.148	0.0458	0.00910		mg/Kg-dry	1	11/01/21 19:43:32
Aroclor 1260	ND	0.0458	0.00910		mg/Kg-dry	1	11/01/21 19:43:32
Aroclor 1262	ND	0.0458	0.00910		mg/Kg-dry	1	11/01/21 19:43:32
Aroclor 1268	ND	0.0458	0.00910		mg/Kg-dry	1	11/01/21 19:43:32
Total PCBs	0.148	0.0458	0.00910		mg/Kg-dry	1	11/01/21 19:43:32
Surr: Decachlorobiphenyl	60.3	20.6 - 142			%Rec	1	11/01/21 19:43:32
Surr: Tetrachloro-m-xylene	56.3	22 - 157			%Rec	1	11/01/21 19:43:32

Total Metals by EPA Method 6020B

Batch ID: 34240

Analyst: EH

Copper	1,210	84.1	15.7		D mg/Kg-dry	100	11/02/21 16:50:18
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Sample Moisture (Percent Moisture)

Batch ID: R70911

Analyst: ALB

Percent Moisture	5.65	0.500	0.100		wt%	1	11/01/21 9:33:08
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Client: Shannon & Wilson

Collection Date: 10/29/2021 11:00:00 AM

Project: 8801

Lab ID: 2110520-013

Matrix: Soil

Client Sample ID: A4-SIDE34:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34246

Analyst: SB

Aroclor 1016	ND	0.0519	0.00836		mg/Kg-dry	1	11/01/21 19:53:20
Aroclor 1221	ND	0.0519	0.00836		mg/Kg-dry	1	11/01/21 19:53:20
Aroclor 1232	ND	0.0519	0.00836		mg/Kg-dry	1	11/01/21 19:53:20
Aroclor 1242	ND	0.0519	0.00836		mg/Kg-dry	1	11/01/21 19:53:20
Aroclor 1248	ND	0.0519	0.0103		mg/Kg-dry	1	11/01/21 19:53:20
Aroclor 1254	0.0925	0.0519	0.0103		mg/Kg-dry	1	11/01/21 19:53:20
Aroclor 1260	ND	0.0519	0.0103		mg/Kg-dry	1	11/01/21 19:53:20
Aroclor 1262	ND	0.0519	0.0103		mg/Kg-dry	1	11/01/21 19:53:20
Aroclor 1268	ND	0.0519	0.0103		mg/Kg-dry	1	11/01/21 19:53:20
Total PCBs	0.0925	0.0519	0.0103		mg/Kg-dry	1	11/01/21 19:53:20
Surr: Decachlorobiphenyl	53.9	20.6 - 142			%Rec	1	11/01/21 19:53:20
Surr: Tetrachloro-m-xylene	53.9	22 - 157			%Rec	1	11/01/21 19:53:20

Total Metals by EPA Method 6020B

Batch ID: 34240

Analyst: EH

Copper	934	4.62	0.865		D mg/Kg-dry	5	11/02/21 12:26:55
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Sample Moisture (Percent Moisture)

Batch ID: R70911

Analyst: ALB

Percent Moisture	16.2	0.500	0.100		wt%	1	11/01/21 9:33:08
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Client: Shannon & Wilson
Project: 8801
Lab ID: 2110520-014
Client Sample ID: A4-SIDE35:2

Collection Date: 10/29/2021 11:03:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34284		Analyst: TN	
Copper	191	4.31	0.806	D	mg/Kg-dry	5	11/08/21 14:11:45
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71049		Analyst: cb	
Percent Moisture	9.29	0.500	0.100		wt%	1	11/05/21 9:09:37

Client: Shannon & Wilson
Project: 8801
Lab ID: 2110520-015
Client Sample ID: A4-SIDE35:6

Collection Date: 10/29/2021 11:07:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34284		Analyst: TN	
Copper	1,310	4.79	0.897	DE	mg/Kg-dry	5	11/08/21 14:14:04
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71049		Analyst: cb	
Percent Moisture	21.0	0.500	0.100		wt%	1	11/05/21 9:09:37



Client: Shannon & Wilson

Collection Date: 10/29/2021 11:10:00 AM

Project: 8801

Lab ID: 2110520-016

Matrix: Soil

Client Sample ID: A4-SIDE36:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34536		Analyst: SB	
Aroclor 1016	ND	0.0536	0.00864		mg/Kg-dry	1	11/23/21 12:40:18
Aroclor 1221	ND	0.0536	0.00864		mg/Kg-dry	1	11/23/21 12:40:18
Aroclor 1232	ND	0.0536	0.00864		mg/Kg-dry	1	11/23/21 12:40:18
Aroclor 1242	ND	0.0536	0.00864		mg/Kg-dry	1	11/23/21 12:40:18
Aroclor 1248	ND	0.0536	0.0107		mg/Kg-dry	1	11/23/21 12:40:18
Aroclor 1254	0.595	0.0536	0.0107		mg/Kg-dry	1	11/23/21 12:40:18
Aroclor 1260	ND	0.0536	0.0107		mg/Kg-dry	1	11/23/21 12:40:18
Aroclor 1262	ND	0.0536	0.0107		mg/Kg-dry	1	11/23/21 12:40:18
Aroclor 1268	ND	0.0536	0.0107		mg/Kg-dry	1	11/23/21 12:40:18
Total PCBs	0.595	0.0536	0.0107		mg/Kg-dry	1	11/23/21 12:40:18
Surr: Decachlorobiphenyl	115	20.6 - 142			%Rec	1	11/23/21 12:40:18
Surr: Tetrachloro-m-xylene	107	22 - 157			%Rec	1	11/23/21 12:40:18
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34561		Analyst: EH	
Copper	784	8.10	1.52		D mg/Kg-dry	10	11/30/21 13:50:40
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71490		Analyst: cb	
Percent Moisture	11.8	0.500	0.100		wt%	1	11/22/21 15:20:02



Client: Shannon & Wilson

Collection Date: 10/29/2021 11:13:00 AM

Project: 8801

Lab ID: 2110520-017

Matrix: Soil

Client Sample ID: A4-SIDE36:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34536		Analyst: SB	
Aroclor 1016	ND	0.0570	0.00919		mg/Kg-dry	1	11/23/21 13:09:25
Aroclor 1221	ND	0.0570	0.00919		mg/Kg-dry	1	11/23/21 13:09:25
Aroclor 1232	ND	0.0570	0.00919		mg/Kg-dry	1	11/23/21 13:09:25
Aroclor 1242	ND	0.0570	0.00919		mg/Kg-dry	1	11/23/21 13:09:25
Aroclor 1248	ND	0.0570	0.0113		mg/Kg-dry	1	11/23/21 13:09:25
Aroclor 1254	0.973	0.0570	0.0113		mg/Kg-dry	1	11/23/21 13:09:25
Aroclor 1260	ND	0.0570	0.0113		mg/Kg-dry	1	11/23/21 13:09:25
Aroclor 1262	ND	0.0570	0.0113		mg/Kg-dry	1	11/23/21 13:09:25
Aroclor 1268	ND	0.0570	0.0113		mg/Kg-dry	1	11/23/21 13:09:25
Total PCBs	0.973	0.0570	0.0113		mg/Kg-dry	1	11/23/21 13:09:25
Surr: Decachlorobiphenyl	99.8	20.6 - 142			%Rec	1	11/23/21 13:09:25
Surr: Tetrachloro-m-xylene	100	22 - 157			%Rec	1	11/23/21 13:09:25
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34561		Analyst: EH	
Copper	2,010	8.53	1.60		D mg/Kg-dry	10	11/30/21 13:53:01
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71490		Analyst: cb	
Percent Moisture	13.2	0.500	0.100		wt%	1	11/22/21 15:20:02



Client: Shannon & Wilson

Collection Date: 10/29/2021 11:17:00 AM

Project: 8801

Lab ID: 2110520-018

Matrix: Soil

Client Sample ID: A4-SIDE37:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34246

Analyst: SB

Aroclor 1016	ND	0.0590	0.00951		mg/Kg-dry	1	11/01/21 20:03:05
Aroclor 1221	ND	0.0590	0.00951		mg/Kg-dry	1	11/01/21 20:03:05
Aroclor 1232	ND	0.0590	0.00951		mg/Kg-dry	1	11/01/21 20:03:05
Aroclor 1242	ND	0.0590	0.00951		mg/Kg-dry	1	11/01/21 20:03:05
Aroclor 1248	ND	0.0590	0.0117		mg/Kg-dry	1	11/01/21 20:03:05
Aroclor 1254	0.331	0.0590	0.0117		mg/Kg-dry	1	11/01/21 20:03:05
Aroclor 1260	ND	0.0590	0.0117		mg/Kg-dry	1	11/01/21 20:03:05
Aroclor 1262	ND	0.0590	0.0117		mg/Kg-dry	1	11/01/21 20:03:05
Aroclor 1268	ND	0.0590	0.0117		mg/Kg-dry	1	11/01/21 20:03:05
Total PCBs	0.331	0.0590	0.0117		mg/Kg-dry	1	11/01/21 20:03:05
Surr: Decachlorobiphenyl	61.9	20.6 - 142			%Rec	1	11/01/21 20:03:05
Surr: Tetrachloro-m-xylene	65.0	22 - 157			%Rec	1	11/01/21 20:03:05

Total Metals by EPA Method 6020B

Batch ID: 34240

Analyst: EH

Copper	1,590	100	18.8		D mg/Kg-dry	100	11/02/21 16:55:53
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Sample Moisture (Percent Moisture)

Batch ID: R70911

Analyst: ALB

Percent Moisture	24.0	0.500	0.100		wt%	1	11/01/21 9:33:08
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Client: Shannon & Wilson

Collection Date: 10/29/2021 11:20:00 AM

Project: 8801

Lab ID: 2110520-019

Matrix: Soil

Client Sample ID: A4-SIDE37:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0560	0.00903		mg/Kg-dry	1	11/01/21 20:12:48
Aroclor 1221	ND	0.0560	0.00903		mg/Kg-dry	1	11/01/21 20:12:48
Aroclor 1232	ND	0.0560	0.00903		mg/Kg-dry	1	11/01/21 20:12:48
Aroclor 1242	ND	0.0560	0.00903		mg/Kg-dry	1	11/01/21 20:12:48
Aroclor 1248	ND	0.0560	0.0111		mg/Kg-dry	1	11/01/21 20:12:48
Aroclor 1254	0.479	0.0560	0.0111		mg/Kg-dry	1	11/01/21 20:12:48
Aroclor 1260	ND	0.0560	0.0111		mg/Kg-dry	1	11/01/21 20:12:48
Aroclor 1262	ND	0.0560	0.0111		mg/Kg-dry	1	11/01/21 20:12:48
Aroclor 1268	ND	0.0560	0.0111		mg/Kg-dry	1	11/01/21 20:12:48
Total PCBs	0.479	0.0560	0.0111		mg/Kg-dry	1	11/01/21 20:12:48
Surr: Decachlorobiphenyl	67.9	20.6 - 142			%Rec	1	11/01/21 20:12:48
Surr: Tetrachloro-m-xylene	69.5	22 - 157			%Rec	1	11/01/21 20:12:48
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34240		Analyst: EH	
Copper	1,830	91.3	17.1		D mg/Kg-dry	100	11/02/21 17:01:27
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	13.0	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 11:24:00 AM

Project: 8801

Lab ID: 2110520-020

Matrix: Soil

Client Sample ID: A4-SIDE37:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0525	0.00846		mg/Kg-dry	1	11/01/21 16:58:02
Aroclor 1221	ND	0.0525	0.00846		mg/Kg-dry	1	11/01/21 16:58:02
Aroclor 1232	ND	0.0525	0.00846		mg/Kg-dry	1	11/01/21 16:58:02
Aroclor 1242	ND	0.0525	0.00846		mg/Kg-dry	1	11/01/21 16:58:02
Aroclor 1248	ND	0.0525	0.0104		mg/Kg-dry	1	11/01/21 16:58:02
Aroclor 1254	0.564	0.0525	0.0104		mg/Kg-dry	1	11/01/21 16:58:02
Aroclor 1260	ND	0.0525	0.0104		mg/Kg-dry	1	11/01/21 16:58:02
Aroclor 1262	ND	0.0525	0.0104		mg/Kg-dry	1	11/01/21 16:58:02
Aroclor 1268	ND	0.0525	0.0104		mg/Kg-dry	1	11/01/21 16:58:02
Total PCBs	0.564	0.0525	0.0104		mg/Kg-dry	1	11/01/21 16:58:02
Surr: Decachlorobiphenyl	85.3	20.6 - 142			%Rec	1	11/01/21 16:58:02
Surr: Tetrachloro-m-xylene	78.1	22 - 157			%Rec	1	11/01/21 16:58:02
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34240		Analyst: EH	
Copper	2,250	94.5	17.7		D mg/Kg-dry	100	11/02/21 17:07:02
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	14.7	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 11:25:00 AM

Project: 8801

Lab ID: 2110520-021

Matrix: Soil

Client Sample ID: A4-SIDE37:9

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34298		Analyst: SB	
Aroclor 1016	ND	0.0505	0.00813		mg/Kg-dry	1	11/04/21 14:09:54
Aroclor 1221	ND	0.0505	0.00813		mg/Kg-dry	1	11/04/21 14:09:54
Aroclor 1232	ND	0.0505	0.00813		mg/Kg-dry	1	11/04/21 14:09:54
Aroclor 1242	ND	0.0505	0.00813		mg/Kg-dry	1	11/04/21 14:09:54
Aroclor 1248	ND	0.0505	0.0100		mg/Kg-dry	1	11/04/21 14:09:54
Aroclor 1254	1.58	0.0505	0.0100		mg/Kg-dry	1	11/04/21 14:09:54
Aroclor 1260	ND	0.0505	0.0100		mg/Kg-dry	1	11/04/21 14:09:54
Aroclor 1262	ND	0.0505	0.0100		mg/Kg-dry	1	11/04/21 14:09:54
Aroclor 1268	ND	0.0505	0.0100		mg/Kg-dry	1	11/04/21 14:09:54
Total PCBs	1.58	0.0505	0.0100		mg/Kg-dry	1	11/04/21 14:09:54
Surr: Decachlorobiphenyl	100	20.6 - 142			%Rec	1	11/04/21 14:09:54
Surr: Tetrachloro-m-xylene	94.8	22 - 157			%Rec	1	11/04/21 14:09:54
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34284		Analyst: TN	
Copper	1,900	4.76	0.891	DE	mg/Kg-dry	5	11/08/21 14:21:04
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71049		Analyst: cb	
Percent Moisture	13.9	0.500	0.100		wt%	1	11/05/21 9:09:37



Client: Shannon & Wilson

Collection Date: 10/29/2021 11:27:00 AM

Project: 8801

Lab ID: 2110520-022

Matrix: Soil

Client Sample ID: A4-SIDE38:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34298

Analyst: SB

Aroclor 1016	ND	0.0502	0.00810		mg/Kg-dry	1	11/04/21 14:19:36
Aroclor 1221	ND	0.0502	0.00810		mg/Kg-dry	1	11/04/21 14:19:36
Aroclor 1232	ND	0.0502	0.00810		mg/Kg-dry	1	11/04/21 14:19:36
Aroclor 1242	ND	0.0502	0.00810		mg/Kg-dry	1	11/04/21 14:19:36
Aroclor 1248	ND	0.0502	0.00999		mg/Kg-dry	1	11/04/21 14:19:36
Aroclor 1254	0.203	0.0502	0.00999		mg/Kg-dry	1	11/04/21 14:19:36
Aroclor 1260	ND	0.0502	0.00999		mg/Kg-dry	1	11/04/21 14:19:36
Aroclor 1262	ND	0.0502	0.00999		mg/Kg-dry	1	11/04/21 14:19:36
Aroclor 1268	ND	0.0502	0.00999		mg/Kg-dry	1	11/04/21 14:19:36
Total PCBs	0.203	0.0502	0.00999		mg/Kg-dry	1	11/04/21 14:19:36
Surr: Decachlorobiphenyl	88.8	20.6 - 142			%Rec	1	11/04/21 14:19:36
Surr: Tetrachloro-m-xylene	105	22 - 157			%Rec	1	11/04/21 14:19:36

Total Metals by EPA Method 6020B

Batch ID: 34284

Analyst: TN

Copper	908	4.25	0.795		D mg/Kg-dry	5	11/08/21 14:23:23
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Sample Moisture (Percent Moisture)

Batch ID: R71049

Analyst: cb

Percent Moisture	13.5	0.500	0.100		wt%	1	11/05/21 9:09:37
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Analytical Report

Work Order: 2110520
Date Reported: 12/23/2021

Client: Shannon & Wilson
Project: 8801
Lab ID: 2110520-023
Client Sample ID: A4-SIDE38:6

Collection Date: 10/29/2021 11:30:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34298		Analyst: SB	
Aroclor 1016	ND	0.0545	0.00878		mg/Kg-dry	1	11/04/21 14:29:19
Aroclor 1221	ND	0.0545	0.00878		mg/Kg-dry	1	11/04/21 14:29:19
Aroclor 1232	ND	0.0545	0.00878		mg/Kg-dry	1	11/04/21 14:29:19
Aroclor 1242	ND	0.0545	0.00878		mg/Kg-dry	1	11/04/21 14:29:19
Aroclor 1248	ND	0.0545	0.0108		mg/Kg-dry	1	11/04/21 14:29:19
Aroclor 1254	1.59	0.0545	0.0108		mg/Kg-dry	1	11/04/21 14:29:19
Aroclor 1260	ND	0.0545	0.0108		mg/Kg-dry	1	11/04/21 14:29:19
Aroclor 1262	ND	0.0545	0.0108		mg/Kg-dry	1	11/04/21 14:29:19
Aroclor 1268	ND	0.0545	0.0108		mg/Kg-dry	1	11/04/21 14:29:19
Total PCBs	1.59	0.0545	0.0108		mg/Kg-dry	1	11/04/21 14:29:19
Surr: Decachlorobiphenyl	91.8	20.6 - 142			%Rec	1	11/04/21 14:29:19
Surr: Tetrachloro-m-xylene	90.1	22 - 157			%Rec	1	11/04/21 14:29:19
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34284		Analyst: TN	
Copper	2,090	4.21	0.788	DE	mg/Kg-dry	5	11/08/21 14:25:42
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71049		Analyst: cb	
Percent Moisture	13.3	0.500	0.100		wt%	1	11/05/21 9:09:37



Client: Shannon & Wilson

Collection Date: 10/29/2021 11:35:00 AM

Project: 8801

Lab ID: 2110520-024

Matrix: Soil

Client Sample ID: A4-SIDE39:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34536

Analyst: SB

Aroclor 1016	ND	0.0589	0.00948		mg/Kg-dry	1	11/23/21 13:19:08
Aroclor 1221	ND	0.0589	0.00948		mg/Kg-dry	1	11/23/21 13:19:08
Aroclor 1232	ND	0.0589	0.00948		mg/Kg-dry	1	11/23/21 13:19:08
Aroclor 1242	ND	0.0589	0.00948		mg/Kg-dry	1	11/23/21 13:19:08
Aroclor 1248	ND	0.0589	0.0117		mg/Kg-dry	1	11/23/21 13:19:08
Aroclor 1254	0.513	0.0589	0.0117		mg/Kg-dry	1	11/23/21 13:19:08
Aroclor 1260	ND	0.0589	0.0117		mg/Kg-dry	1	11/23/21 13:19:08
Aroclor 1262	ND	0.0589	0.0117		mg/Kg-dry	1	11/23/21 13:19:08
Aroclor 1268	ND	0.0589	0.0117		mg/Kg-dry	1	11/23/21 13:19:08
Total PCBs	0.513	0.0589	0.0117		mg/Kg-dry	1	11/23/21 13:19:08
Surr: Decachlorobiphenyl	84.4	20.6 - 142			%Rec	1	11/23/21 13:19:08
Surr: Tetrachloro-m-xylene	86.1	22 - 157			%Rec	1	11/23/21 13:19:08

Total Metals by EPA Method 6020B

Batch ID: 34561

Analyst: EH

Copper	2,010	8.18	1.53		D mg/Kg-dry	10	11/30/21 13:48:19
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Sample Moisture (Percent Moisture)

Batch ID: R71490

Analyst: cb

Percent Moisture	15.1	0.500	0.100		wt%	1	11/22/21 15:20:02
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Client: Shannon & Wilson

Collection Date: 10/29/2021 11:40:00 AM

Project: 8801

Lab ID: 2110520-026

Matrix: Soil

Client Sample ID: A4-SIDE39:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34360

Analyst: SB

Aroclor 1016	ND	0.0414	0.00667		mg/Kg-dry	1	11/09/21 12:46:24
Aroclor 1221	ND	0.0414	0.00667		mg/Kg-dry	1	11/09/21 12:46:24
Aroclor 1232	ND	0.0414	0.00667		mg/Kg-dry	1	11/09/21 12:46:24
Aroclor 1242	ND	0.0414	0.00667		mg/Kg-dry	1	11/09/21 12:46:24
Aroclor 1248	ND	0.0414	0.00822		mg/Kg-dry	1	11/09/21 12:46:24
Aroclor 1254	0.330	0.0414	0.00822		mg/Kg-dry	1	11/09/21 12:46:24
Aroclor 1260	ND	0.0414	0.00822		mg/Kg-dry	1	11/09/21 12:46:24
Aroclor 1262	ND	0.0414	0.00822		mg/Kg-dry	1	11/09/21 12:46:24
Aroclor 1268	ND	0.0414	0.00822		mg/Kg-dry	1	11/09/21 12:46:24
Total PCBs	0.330	0.0414	0.00822		mg/Kg-dry	1	11/09/21 12:46:24
Surr: Decachlorobiphenyl	59.2	20.6 - 142			%Rec	1	11/09/21 12:46:24
Surr: Tetrachloro-m-xylene	103	22 - 157			%Rec	1	11/09/21 12:46:24

Total Metals by EPA Method 6020B

Batch ID: 34528

Analyst: EH

Copper	2,750	93.3	17.5		D mg/Kg-dry	100	11/30/21 13:57:42
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Sample Moisture (Percent Moisture)

Batch ID: R71125

Analyst: ALB

Percent Moisture	13.6	0.500	0.100		wt%	1	11/09/21 9:34:40
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Client: Shannon & Wilson
Project: 8801
Lab ID: 2110520-027
Client Sample ID: A4-SIDE40:1

Collection Date: 10/29/2021 12:33:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34284		Analyst: TN	
Copper	356	4.72	0.883	D	mg/Kg-dry	5	11/08/21 14:28:02
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71049		Analyst: cb	
Percent Moisture	16.5	0.500	0.100		wt%	1	11/05/21 9:09:37



Client: Shannon & Wilson

Collection Date: 10/29/2021 12:39:00 PM

Project: 8801

Lab ID: 2110520-029

Matrix: Soil

Client Sample ID: A4-SIDE41:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0622	0.0100		mg/Kg-dry	1	11/01/21 17:07:48
Aroclor 1221	ND	0.0622	0.0100		mg/Kg-dry	1	11/01/21 17:07:48
Aroclor 1232	ND	0.0622	0.0100		mg/Kg-dry	1	11/01/21 17:07:48
Aroclor 1242	ND	0.0622	0.0100		mg/Kg-dry	1	11/01/21 17:07:48
Aroclor 1248	ND	0.0622	0.0124		mg/Kg-dry	1	11/01/21 17:07:48
Aroclor 1254	0.0766	0.0622	0.0124		mg/Kg-dry	1	11/01/21 17:07:48
Aroclor 1260	ND	0.0622	0.0124		mg/Kg-dry	1	11/01/21 17:07:48
Aroclor 1262	ND	0.0622	0.0124		mg/Kg-dry	1	11/01/21 17:07:48
Aroclor 1268	ND	0.0622	0.0124		mg/Kg-dry	1	11/01/21 17:07:48
Total PCBs	0.0766	0.0622	0.0124		mg/Kg-dry	1	11/01/21 17:07:48
Surr: Decachlorobiphenyl	71.9	20.6 - 142			%Rec	1	11/01/21 17:07:48
Surr: Tetrachloro-m-xylene	63.3	22 - 157			%Rec	1	11/01/21 17:07:48
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34240		Analyst: EH	
Copper	248	4.89	0.916		D mg/Kg-dry	5	11/02/21 12:42:07
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	23.8	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 12:43:00 PM

Project: 8801

Lab ID: 2110520-030

Matrix: Soil

Client Sample ID: A4-SIDE41:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0607	0.00979		mg/Kg-dry	1	11/01/21 20:22:34
Aroclor 1221	ND	0.0607	0.00979		mg/Kg-dry	1	11/01/21 20:22:34
Aroclor 1232	ND	0.0607	0.00979		mg/Kg-dry	1	11/01/21 20:22:34
Aroclor 1242	ND	0.0607	0.00979		mg/Kg-dry	1	11/01/21 20:22:34
Aroclor 1248	ND	0.0607	0.0121		mg/Kg-dry	1	11/01/21 20:22:34
Aroclor 1254	0.0501	0.0607	0.0121	J	mg/Kg-dry	1	11/01/21 20:22:34
Aroclor 1260	ND	0.0607	0.0121		mg/Kg-dry	1	11/01/21 20:22:34
Aroclor 1262	ND	0.0607	0.0121		mg/Kg-dry	1	11/01/21 20:22:34
Aroclor 1268	ND	0.0607	0.0121		mg/Kg-dry	1	11/01/21 20:22:34
Total PCBs	0.0501	0.0607	0.0121	J	mg/Kg-dry	1	11/01/21 20:22:34
Surr: Decachlorobiphenyl	75.4	20.6 - 142			%Rec	1	11/01/21 20:22:34
Surr: Tetrachloro-m-xylene	76.7	22 - 157			%Rec	1	11/01/21 20:22:34
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34240		Analyst: EH	
Copper	35.3	5.17	0.968	D	mg/Kg-dry	5	11/02/21 12:44:27
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	24.5	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 12:47:00 PM

Project: 8801

Lab ID: 2110520-031

Matrix: Soil

Client Sample ID: A4-SIDE42:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34360

Analyst: SB

Aroclor 1016	ND	0.0466	0.00751		mg/Kg-dry	1	11/09/21 13:15:36
Aroclor 1221	ND	0.0466	0.00751		mg/Kg-dry	1	11/09/21 13:15:36
Aroclor 1232	ND	0.0466	0.00751		mg/Kg-dry	1	11/09/21 13:15:36
Aroclor 1242	ND	0.0466	0.00751		mg/Kg-dry	1	11/09/21 13:15:36
Aroclor 1248	ND	0.0466	0.00926		mg/Kg-dry	1	11/09/21 13:15:36
Aroclor 1254	0.0363	0.0466	0.00926	J	mg/Kg-dry	1	11/09/21 13:15:36
Aroclor 1260	ND	0.0466	0.00926		mg/Kg-dry	1	11/09/21 13:15:36
Aroclor 1262	ND	0.0466	0.00926		mg/Kg-dry	1	11/09/21 13:15:36
Aroclor 1268	ND	0.0466	0.00926		mg/Kg-dry	1	11/09/21 13:15:36
Total PCBs	0.0363	0.0466	0.00926	J	mg/Kg-dry	1	11/09/21 13:15:36
Surr: Decachlorobiphenyl	56.4	20.6 - 142			%Rec	1	11/09/21 13:15:36
Surr: Tetrachloro-m-xylene	103	22 - 157			%Rec	1	11/09/21 13:15:36

Total Metals by EPA Method 6020B

Batch ID: 34528

Analyst: EH

Copper	100	0.996	0.186		mg/Kg-dry	1	11/30/21 11:59:20
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Sample Moisture (Percent Moisture)

Batch ID: R71125

Analyst: ALB

Percent Moisture	25.1	0.500	0.100		wt%	1	11/09/21 9:34:40
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Client: Shannon & Wilson

Collection Date: 10/29/2021 12:57:00 PM

Project: 8801

Lab ID: 2110520-033

Matrix: Soil

Client Sample ID: A4-SIDE43:1

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34298

Analyst: SB

Aroclor 1016	ND	0.0562	0.00905		mg/Kg-dry	1	11/04/21 14:39:03
Aroclor 1221	ND	0.0562	0.00905		mg/Kg-dry	1	11/04/21 14:39:03
Aroclor 1232	ND	0.0562	0.00905		mg/Kg-dry	1	11/04/21 14:39:03
Aroclor 1242	ND	0.0562	0.00905		mg/Kg-dry	1	11/04/21 14:39:03
Aroclor 1248	ND	0.0562	0.0112		mg/Kg-dry	1	11/04/21 14:39:03
Aroclor 1254	0.989	0.0562	0.0112		mg/Kg-dry	1	11/04/21 14:39:03
Aroclor 1260	ND	0.0562	0.0112		mg/Kg-dry	1	11/04/21 14:39:03
Aroclor 1262	ND	0.0562	0.0112		mg/Kg-dry	1	11/04/21 14:39:03
Aroclor 1268	ND	0.0562	0.0112		mg/Kg-dry	1	11/04/21 14:39:03
Total PCBs	0.989	0.0562	0.0112		mg/Kg-dry	1	11/04/21 14:39:03
Surr: Decachlorobiphenyl	106	20.6 - 142			%Rec	1	11/04/21 14:39:03
Surr: Tetrachloro-m-xylene	112	22 - 157			%Rec	1	11/04/21 14:39:03

Total Metals by EPA Method 6020B

Batch ID: 34284

Analyst: TN

Copper	1,030	4.36	0.817		D mg/Kg-dry	5	11/08/21 14:30:21
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Sample Moisture (Percent Moisture)

Batch ID: R71049

Analyst: cb

Percent Moisture	11.2	0.500	0.100		wt%	1	11/05/21 9:09:37
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Client: Shannon & Wilson

Collection Date: 10/29/2021 12:59:00 PM

Project: 8801

Lab ID: 2110520-034

Matrix: Soil

Client Sample ID: A4-SIDE44:1

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34536

Analyst: SB

Aroclor 1016	ND	0.0609	0.00981		mg/Kg-dry	1	11/23/21 13:28:50
Aroclor 1221	ND	0.0609	0.00981		mg/Kg-dry	1	11/23/21 13:28:50
Aroclor 1232	ND	0.0609	0.00981		mg/Kg-dry	1	11/23/21 13:28:50
Aroclor 1242	ND	0.0609	0.00981		mg/Kg-dry	1	11/23/21 13:28:50
Aroclor 1248	ND	0.0609	0.0121		mg/Kg-dry	1	11/23/21 13:28:50
Aroclor 1254	0.0380	0.0609	0.0121	J	mg/Kg-dry	1	11/23/21 13:28:50
Aroclor 1260	ND	0.0609	0.0121		mg/Kg-dry	1	11/23/21 13:28:50
Aroclor 1262	ND	0.0609	0.0121		mg/Kg-dry	1	11/23/21 13:28:50
Aroclor 1268	ND	0.0609	0.0121		mg/Kg-dry	1	11/23/21 13:28:50
Total PCBs	0.0380	0.0609	0.0121	J	mg/Kg-dry	1	11/23/21 13:28:50
Surr: Decachlorobiphenyl	103	20.6 - 142			%Rec	1	11/23/21 13:28:50
Surr: Tetrachloro-m-xylene	106	22 - 157			%Rec	1	11/23/21 13:28:50

Total Metals by EPA Method 6020B

Batch ID: 34561

Analyst: EH

Copper	161	9.41	1.76	D	mg/Kg-dry	10	11/30/21 13:55:21
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Sample Moisture (Percent Moisture)

Batch ID: R71490

Analyst: cb

Percent Moisture	18.3	0.500	0.100		wt%	1	11/22/21 15:20:02
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Client: Shannon & Wilson

Collection Date: 10/29/2021 1:03:00 PM

Project: 8801

Lab ID: 2110520-036

Matrix: Soil

Client Sample ID: A4-SIDE45:1

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0585	0.00942		mg/Kg-dry	1	11/01/21 20:32:18
Aroclor 1221	ND	0.0585	0.00942		mg/Kg-dry	1	11/01/21 20:32:18
Aroclor 1232	ND	0.0585	0.00942		mg/Kg-dry	1	11/01/21 20:32:18
Aroclor 1242	ND	0.0585	0.00942		mg/Kg-dry	1	11/01/21 20:32:18
Aroclor 1248	ND	0.0585	0.0116		mg/Kg-dry	1	11/01/21 20:32:18
Aroclor 1254	0.572	0.0585	0.0116		mg/Kg-dry	1	11/01/21 20:32:18
Aroclor 1260	ND	0.0585	0.0116		mg/Kg-dry	1	11/01/21 20:32:18
Aroclor 1262	ND	0.0585	0.0116		mg/Kg-dry	1	11/01/21 20:32:18
Aroclor 1268	ND	0.0585	0.0116		mg/Kg-dry	1	11/01/21 20:32:18
Total PCBs	0.572	0.0585	0.0116		mg/Kg-dry	1	11/01/21 20:32:18
Surr: Decachlorobiphenyl	87.9	20.6 - 142			%Rec	1	11/01/21 20:32:18
Surr: Tetrachloro-m-xylene	85.2	22 - 157			%Rec	1	11/01/21 20:32:18
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34240		Analyst: EH	
Copper	1,740	90.8	17.0		D mg/Kg-dry	100	11/02/21 17:12:37
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	14.6	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 1:06:00 PM

Project: 8801

Lab ID: 2110520-037

Matrix: Soil

Client Sample ID: A4-SIDE45:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34246		Analyst: SB	
Aroclor 1016	ND	0.0603	0.00971		mg/Kg-dry	1	11/01/21 20:41:59
Aroclor 1221	ND	0.0603	0.00971		mg/Kg-dry	1	11/01/21 20:41:59
Aroclor 1232	ND	0.0603	0.00971		mg/Kg-dry	1	11/01/21 20:41:59
Aroclor 1242	ND	0.0603	0.00971		mg/Kg-dry	1	11/01/21 20:41:59
Aroclor 1248	ND	0.0603	0.0120		mg/Kg-dry	1	11/01/21 20:41:59
Aroclor 1254	0.0222	0.0603	0.0120	J	mg/Kg-dry	1	11/01/21 20:41:59
Aroclor 1260	ND	0.0603	0.0120		mg/Kg-dry	1	11/01/21 20:41:59
Aroclor 1262	ND	0.0603	0.0120		mg/Kg-dry	1	11/01/21 20:41:59
Aroclor 1268	ND	0.0603	0.0120		mg/Kg-dry	1	11/01/21 20:41:59
Total PCBs	0.0222	0.0603	0.0120	J	mg/Kg-dry	1	11/01/21 20:41:59
Surr: Decachlorobiphenyl	70.8	20.6 - 142			%Rec	1	11/01/21 20:41:59
Surr: Tetrachloro-m-xylene	73.0	22 - 157			%Rec	1	11/01/21 20:41:59
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34240		Analyst: EH	
Copper	47.4	4.95	0.927	D	mg/Kg-dry	5	11/02/21 12:49:06
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R70911		Analyst: ALB	
Percent Moisture	19.9	0.500	0.100		wt%	1	11/01/21 9:33:08



Client: Shannon & Wilson

Collection Date: 10/29/2021 1:13:00 PM

Project: 8801

Lab ID: 2110520-039

Matrix: Soil

Client Sample ID: A4-SIDE46:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34298		Analyst: SB	
Aroclor 1016	ND	0.0561	0.00904		mg/Kg-dry	1	11/04/21 14:48:47
Aroclor 1221	ND	0.0561	0.00904		mg/Kg-dry	1	11/04/21 14:48:47
Aroclor 1232	ND	0.0561	0.00904		mg/Kg-dry	1	11/04/21 14:48:47
Aroclor 1242	ND	0.0561	0.00904		mg/Kg-dry	1	11/04/21 14:48:47
Aroclor 1248	ND	0.0561	0.0112		mg/Kg-dry	1	11/04/21 14:48:47
Aroclor 1254	2.28	0.561	0.112	D	mg/Kg-dry	10	11/05/21 14:23:21
Aroclor 1260	ND	0.0561	0.0112		mg/Kg-dry	1	11/04/21 14:48:47
Aroclor 1262	ND	0.0561	0.0112		mg/Kg-dry	1	11/04/21 14:48:47
Aroclor 1268	ND	0.0561	0.0112		mg/Kg-dry	1	11/04/21 14:48:47
Total PCBs	2.28	0.561	0.112	D	mg/Kg-dry	10	11/05/21 14:23:21
Surr: Decachlorobiphenyl	114	20.6 - 142			%Rec	1	11/04/21 14:48:47
Surr: Tetrachloro-m-xylene	118	22 - 157			%Rec	1	11/04/21 14:48:47
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34284		Analyst: TN	
Copper	2,460	4.28	0.801	DE	mg/Kg-dry	5	11/08/21 14:32:40
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71049		Analyst: cb	
Percent Moisture	12.2	0.500	0.100		wt%	1	11/05/21 9:09:37



Client: Shannon & Wilson

Collection Date: 10/29/2021 1:15:00 PM

Project: 8801

Lab ID: 2110520-040

Matrix: Soil

Client Sample ID: A4-SIDE104:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34298		Analyst: SB	
Aroclor 1016	ND	0.0498	0.00803		mg/Kg-dry	1	11/04/21 14:58:32
Aroclor 1221	ND	0.0498	0.00803		mg/Kg-dry	1	11/04/21 14:58:32
Aroclor 1232	ND	0.0498	0.00803		mg/Kg-dry	1	11/04/21 14:58:32
Aroclor 1242	ND	0.0498	0.00803		mg/Kg-dry	1	11/04/21 14:58:32
Aroclor 1248	ND	0.0498	0.00991		mg/Kg-dry	1	11/04/21 14:58:32
Aroclor 1254	1.30	0.0498	0.00991		mg/Kg-dry	1	11/04/21 14:58:32
Aroclor 1260	ND	0.0498	0.00991		mg/Kg-dry	1	11/04/21 14:58:32
Aroclor 1262	ND	0.0498	0.00991		mg/Kg-dry	1	11/04/21 14:58:32
Aroclor 1268	ND	0.0498	0.00991		mg/Kg-dry	1	11/04/21 14:58:32
Total PCBs	1.30	0.0498	0.00991		mg/Kg-dry	1	11/04/21 14:58:32
Surr: Decachlorobiphenyl	99.8	20.6 - 142			%Rec	1	11/04/21 14:58:32
Surr: Tetrachloro-m-xylene	110	22 - 157			%Rec	1	11/04/21 14:58:32
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34284		Analyst: TN	
Copper	1,970	4.62	0.865		DE mg/Kg-dry	5	11/08/21 14:35:00
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71049		Analyst: cb	
Percent Moisture	12.1	0.500	0.100		wt%	1	11/05/21 9:09:37



Client: Shannon & Wilson

Collection Date: 10/29/2021 1:20:00 PM

Project: 8801

Lab ID: 2110520-042

Matrix: Soil

Client Sample ID: A4-SIDE47:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34360		Analyst: SB	
Aroclor 1016	ND	0.0421	0.00678		mg/Kg-dry	1	11/09/21 13:25:21
Aroclor 1221	ND	0.0421	0.00678		mg/Kg-dry	1	11/09/21 13:25:21
Aroclor 1232	ND	0.0421	0.00678		mg/Kg-dry	1	11/09/21 13:25:21
Aroclor 1242	ND	0.0421	0.00678		mg/Kg-dry	1	11/09/21 13:25:21
Aroclor 1248	ND	0.0421	0.00836		mg/Kg-dry	1	11/09/21 13:25:21
Aroclor 1254	0.303	0.0421	0.00836		mg/Kg-dry	1	11/09/21 13:25:21
Aroclor 1260	ND	0.0421	0.00836		mg/Kg-dry	1	11/09/21 13:25:21
Aroclor 1262	ND	0.0421	0.00836		mg/Kg-dry	1	11/09/21 13:25:21
Aroclor 1268	ND	0.0421	0.00836		mg/Kg-dry	1	11/09/21 13:25:21
Total PCBs	0.303	0.0421	0.00836		mg/Kg-dry	1	11/09/21 13:25:21
Surr: Decachlorobiphenyl	53.2	20.6 - 142			%Rec	1	11/09/21 13:25:21
Surr: Tetrachloro-m-xylene	94.0	22 - 157			%Rec	1	11/09/21 13:25:21
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34528		Analyst: EH	
Copper	1,400	96.9	18.1		D mg/Kg-dry	100	11/30/21 14:00:04
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71125		Analyst: ALB	
Percent Moisture	17.4	0.500	0.100		wt%	1	11/09/21 9:34:40

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34223		SampType: ICB			Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925		
Client ID: ICB		Batch ID: 34223					Analysis Date: 11/1/2021		SeqNo: 1442962		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34223		SampType: ICV			Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925		
Client ID: ICV		Batch ID: 34223					Analysis Date: 11/1/2021		SeqNo: 1442963		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 100 10.0 100.0 0 100 90 110

Sample ID: CCV-34223A		SampType: CCV			Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925		
Client ID: CCV		Batch ID: 34223					Analysis Date: 11/1/2021		SeqNo: 1442967		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 94.7 10.0 100.0 0 94.7 90 110

Sample ID: CCB-34223A		SampType: CCB			Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925		
Client ID: CCB		Batch ID: 34223					Analysis Date: 11/1/2021		SeqNo: 1442968		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34223		SampType: MBLK			Units: mg/Kg		Prep Date: 10/29/2021		RunNo: 70925		
Client ID: MBLKS		Batch ID: 34223					Analysis Date: 11/1/2021		SeqNo: 1442969		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.781

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-34223	SampType: LCS	Units: mg/Kg				Prep Date: 10/29/2021	RunNo: 70925					
Client ID: LCSS	Batch ID: 34223					Analysis Date: 11/1/2021	SeqNo: 1442970					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Copper	40.2	0.763	38.17	0	105	80	120					

Sample ID: 2110445-001AMS	SampType: MS	Units: mg/Kg				Prep Date: 10/29/2021	RunNo: 70925					
Client ID: BATCH	Batch ID: 34223					Analysis Date: 11/1/2021	SeqNo: 1442973					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Copper	38.9	4.00	40.00	0	97.3	75	125				D	

Sample ID: 2110445-001AMSD	SampType: MSD	Units: mg/Kg				Prep Date: 10/29/2021	RunNo: 70925					
Client ID: BATCH	Batch ID: 34223					Analysis Date: 11/1/2021	SeqNo: 1442974					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Copper	35.6	3.97	39.68	0	89.8	75	125	38.93	8.85	20	D	

Sample ID: CCV-34223B	SampType: CCV	Units: µg/L				Prep Date: 11/1/2021	RunNo: 70925					
Client ID: CCV	Batch ID: 34223					Analysis Date: 11/1/2021	SeqNo: 1442979					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Copper	104	10.0	100.0	0	104	90	110					

Sample ID: CCB-34223B	SampType: CCB	Units: µg/L				Prep Date: 11/1/2021	RunNo: 70925					
Client ID: CCB	Batch ID: 34223					Analysis Date: 11/1/2021	SeqNo: 1442980					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Copper	ND	10.0										

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34223A		SampType: ICB		Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925			
Client ID: ICB		Batch ID: 34223				Analysis Date: 11/1/2021		SeqNo: 1443257			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34223A		SampType: ICV		Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925			
Client ID: ICV		Batch ID: 34223				Analysis Date: 11/1/2021		SeqNo: 1443258			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 100 10.0 100.0 0 100 90 110

Sample ID: CCV-34223C		SampType: CCV		Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925			
Client ID: CCV		Batch ID: 34223				Analysis Date: 11/1/2021		SeqNo: 1443261			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 103 10.0 100.0 0 103 90 110

Sample ID: CCB-34223C		SampType: CCB		Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925			
Client ID: CCB		Batch ID: 34223				Analysis Date: 11/1/2021		SeqNo: 1443262			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34223D		SampType: CCV		Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925			
Client ID: CCV		Batch ID: 34223				Analysis Date: 11/1/2021		SeqNo: 1443273			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34223D		SampType: CCB		Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925			
Client ID: CCB		Batch ID: 34223				Analysis Date: 11/1/2021		SeqNo: 1443274			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34223E		SampType: CCV		Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925			
Client ID: CCV		Batch ID: 34223				Analysis Date: 11/1/2021		SeqNo: 1443284			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 112 10.0 100.0 0 112 90 110 S

Sample ID: CCB-34223E		SampType: CCB		Units: µg/L		Prep Date: 11/1/2021		RunNo: 70925			
Client ID: CCB		Batch ID: 34223				Analysis Date: 11/1/2021		SeqNo: 1443285			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34223B		SampType: ICB		Units: µg/L		Prep Date: 11/2/2021		RunNo: 70925			
Client ID: ICB		Batch ID: 34223				Analysis Date: 11/2/2021		SeqNo: 1443602			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34240		SampType: ICB		Units: µg/L		Prep Date: 11/2/2021		RunNo: 70956			
Client ID: ICB		Batch ID: 34240				Analysis Date: 11/2/2021		SeqNo: 1443654			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-34223B		SampType: ICV			Units: µg/L		Prep Date: 11/2/2021		RunNo: 70925		
Client ID: ICV		Batch ID: 34223					Analysis Date: 11/2/2021		SeqNo: 1443603		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	101	10.0	100.0	0	101	90	110				
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Sample ID: ICV-34240		SampType: ICV			Units: µg/L		Prep Date: 11/2/2021		RunNo: 70956		
Client ID: ICV		Batch ID: 34240					Analysis Date: 11/2/2021		SeqNo: 1443655		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	101	10.0	100.0	0	101	90	110				
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Sample ID: CCV-34223F		SampType: CCV			Units: µg/L		Prep Date: 11/2/2021		RunNo: 70925		
Client ID: CCV		Batch ID: 34223					Analysis Date: 11/2/2021		SeqNo: 1443614		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	98.4	10.0	100.0	0	98.4	90	110				
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Sample ID: CCV-34240A		SampType: CCV			Units: µg/L		Prep Date: 11/2/2021		RunNo: 70956		
Client ID: CCV		Batch ID: 34240					Analysis Date: 11/2/2021		SeqNo: 1443659		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	98.4	10.0	100.0	0	98.4	90	110				
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Sample ID: CCB-34223F		SampType: CCB			Units: µg/L		Prep Date: 11/2/2021		RunNo: 70925		
Client ID: CCB		Batch ID: 34223					Analysis Date: 11/2/2021		SeqNo: 1443615		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34240A	SampType: CCB	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70956							
Client ID: CCB	Batch ID: 34240	Analysis Date: 11/2/2021	SeqNo: 1443660								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34240	SampType: MBLK	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70956							
Client ID: MBLKS	Batch ID: 34240	Analysis Date: 11/2/2021	SeqNo: 1443661								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.787

Sample ID: 2110520-012AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/1/2021	RunNo: 70956							
Client ID: A4-SIDE34:6	Batch ID: 34240	Analysis Date: 11/2/2021	SeqNo: 1443665								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 1,140 4.24 42.39 1,320 -435 75 125 DES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2110520-012AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 11/1/2021	RunNo: 70956							
Client ID: A4-SIDE34:6	Batch ID: 34240	Analysis Date: 11/2/2021	SeqNo: 1443666								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 1,270 4.01 40.15 1,320 -125 75 125 1,135 11.2 20 DES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: CCV-34240B	SampType: CCV	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70956							
Client ID: CCV	Batch ID: 34240	Analysis Date: 11/2/2021	SeqNo: 1443671								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 103 10.0 100.0 0 103 90 110

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34240B	SampType: CCB	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70956							
Client ID: CCB	Batch ID: 34240	Analysis Date: 11/2/2021	SeqNo: 1443672								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34240C	SampType: CCV	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70956							
Client ID: CCV	Batch ID: 34240	Analysis Date: 11/2/2021	SeqNo: 1443683								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

Sample ID: CCB-34240C	SampType: CCB	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70956							
Client ID: CCB	Batch ID: 34240	Analysis Date: 11/2/2021	SeqNo: 1443684								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34223G	SampType: CCV	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70925							
Client ID: CCV	Batch ID: 34223	Analysis Date: 11/2/2021	SeqNo: 1443720								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

Sample ID: CCB-34223G	SampType: CCB	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70925							
Client ID: CCB	Batch ID: 34223	Analysis Date: 11/2/2021	SeqNo: 1443721								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34223H	SampType: CCV	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70925							
Client ID: CCV	Batch ID: 34223	Analysis Date: 11/2/2021	SeqNo: 1443723								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCV-34240D	SampType: CCV	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70956							
Client ID: CCV	Batch ID: 34240	Analysis Date: 11/2/2021	SeqNo: 1443693								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCB-34223H	SampType: CCB	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70925							
Client ID: CCB	Batch ID: 34223	Analysis Date: 11/2/2021	SeqNo: 1443724								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCB-34240D	SampType: CCB	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70956							
Client ID: CCB	Batch ID: 34240	Analysis Date: 11/2/2021	SeqNo: 1443694								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34240A	SampType: ICB	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70956							
Client ID: ICB	Batch ID: 34240	Analysis Date: 11/2/2021	SeqNo: 1444066								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-34240A	SampType: ICV	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70956							
Client ID: ICV	Batch ID: 34240		Analysis Date: 11/2/2021	SeqNo: 1444067							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 109 10.0 100.0 0 109 90 110

Sample ID: LCS-34240	SampType: LCS	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70956							
Client ID: LCSS	Batch ID: 34240		Analysis Date: 11/2/2021	SeqNo: 1444072							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 44.2 0.775 38.76 0 114 80 120

Sample ID: CCV-34240E	SampType: CCV	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70956							
Client ID: CCV	Batch ID: 34240		Analysis Date: 11/2/2021	SeqNo: 1444078							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 101 10.0 100.0 0 101 90 110

Sample ID: CCB-34240E	SampType: CCB	Units: µg/L	Prep Date: 11/2/2021	RunNo: 70956							
Client ID: CCB	Batch ID: 34240		Analysis Date: 11/2/2021	SeqNo: 1444079							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34284	SampType: ICB	Units: µg/L	Prep Date: 11/8/2021	RunNo: 71112							
Client ID: ICB	Batch ID: 34284		Analysis Date: 11/8/2021	SeqNo: 1447276							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-34284	SampType: ICV	Units: µg/L				Prep Date: 11/8/2021	RunNo: 71112					
Client ID: ICV	Batch ID: 34284					Analysis Date: 11/8/2021	SeqNo: 1447277					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Copper 98.3 10.0 100.0 0 98.3 90 110

Sample ID: MB-34284	SampType: MBLK	Units: mg/Kg				Prep Date: 11/3/2021	RunNo: 71112					
Client ID: MBLKS	Batch ID: 34284					Analysis Date: 11/8/2021	SeqNo: 1447278					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Copper ND 0.752

Sample ID: LCS-34284	SampType: LCS	Units: mg/Kg				Prep Date: 11/3/2021	RunNo: 71112					
Client ID: LCSS	Batch ID: 34284					Analysis Date: 11/8/2021	SeqNo: 1447279					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Copper 43.0 0.806 40.32 0 107 80 120

Sample ID: 2110511-005AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 11/3/2021	RunNo: 71112					
Client ID: BATCH	Batch ID: 34284					Analysis Date: 11/8/2021	SeqNo: 1447282					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Copper 137 4.26 42.64 92.02 106 75 125 D

Sample ID: 2110511-005AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 11/3/2021	RunNo: 71112					
Client ID: BATCH	Batch ID: 34284					Analysis Date: 11/8/2021	SeqNo: 1447283					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Copper 143 4.26 42.64 92.02 120 75 125 137.3 4.33 20 D

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34284A		SampType: CCV		Units: µg/L		Prep Date: 11/8/2021		RunNo: 71112			
Client ID: CCV		Batch ID: 34284				Analysis Date: 11/8/2021		SeqNo: 1447286			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	101	10.0	100.0	0	101	90	110				

Sample ID: CCB-34284A		SampType: CCB		Units: µg/L		Prep Date: 11/8/2021		RunNo: 71112			
Client ID: CCB		Batch ID: 34284				Analysis Date: 11/8/2021		SeqNo: 1447287			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-34284B		SampType: CCV		Units: µg/L		Prep Date: 11/8/2021		RunNo: 71112			
Client ID: CCV		Batch ID: 34284				Analysis Date: 11/8/2021		SeqNo: 1447298			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	94.0	10.0	100.0	0	94.0	90	110				

Sample ID: CCB-34284B		SampType: CCB		Units: µg/L		Prep Date: 11/8/2021		RunNo: 71112			
Client ID: CCB		Batch ID: 34284				Analysis Date: 11/8/2021		SeqNo: 1447299			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-34284C		SampType: CCV		Units: µg/L		Prep Date: 11/8/2021		RunNo: 71112			
Client ID: CCV		Batch ID: 34284				Analysis Date: 11/8/2021		SeqNo: 1447309			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.4	10.0	100.0	0	97.4	90	110				

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34284C	SampType: CCB	Units: µg/L	Prep Date: 11/8/2021	RunNo: 71112							
Client ID: CCB	Batch ID: 34284	Analysis Date: 11/8/2021	SeqNo: 1447310								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34528	SampType: ICB	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: ICB	Batch ID: 34528	Analysis Date: 11/30/2021	SeqNo: 1458614								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34561	SampType: ICB	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71617							
Client ID: ICB	Batch ID: 34561	Analysis Date: 11/30/2021	SeqNo: 1458785								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34528	SampType: ICV	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: ICV	Batch ID: 34528	Analysis Date: 11/30/2021	SeqNo: 1458615								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.6 10.0 100.0 0 96.6 90 110

Sample ID: ICV-34561	SampType: ICV	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71617							
Client ID: ICV	Batch ID: 34561	Analysis Date: 11/30/2021	SeqNo: 1458786								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.6 10.0 100.0 0 96.6 90 110

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34528A	SampType: CCV	Units: µg/L				Prep Date: 11/30/2021	RunNo: 71609				
Client ID: CCV	Batch ID: 34528					Analysis Date: 11/30/2021	SeqNo: 1458619				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.3 10.0 100.0 0 97.3 90 110

Sample ID: CCB-34528A	SampType: CCB	Units: µg/L				Prep Date: 11/30/2021	RunNo: 71609				
Client ID: CCB	Batch ID: 34528					Analysis Date: 11/30/2021	SeqNo: 1458620				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: LCS-34528	SampType: LCS	Units: mg/Kg				Prep Date: 11/22/2021	RunNo: 71609				
Client ID: LCSS	Batch ID: 34528					Analysis Date: 11/30/2021	SeqNo: 1458622				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 35.5 0.769 38.46 0 92.4 80 120

Sample ID: 2110520-026AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 11/22/2021	RunNo: 71609				
Client ID: A4-SIDE39:6	Batch ID: 34528					Analysis Date: 11/30/2021	SeqNo: 1458625				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 1,590 0.933 46.67 2,728 -2,440 75 125 ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2110520-026AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 11/22/2021	RunNo: 71609				
Client ID: A4-SIDE39:6	Batch ID: 34528					Analysis Date: 11/30/2021	SeqNo: 1458626				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 3,240 0.890 44.52 2,728 1,150 75 125 1,588 68.5 20 ERS

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies) and RPD calculation.

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34528B	SampType: CCV	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: CCV	Batch ID: 34528		Analysis Date: 11/30/2021	SeqNo: 1458630							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 100 10.0 100.0 0 100 90 110

Sample ID: CCB-34528B	SampType: CCB	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: CCB	Batch ID: 34528		Analysis Date: 11/30/2021	SeqNo: 1458631							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34528	SampType: MBLK	Units: mg/Kg	Prep Date: 11/22/2021	RunNo: 71609							
Client ID: MBLKS	Batch ID: 34528		Analysis Date: 11/30/2021	SeqNo: 1458632							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.763

Sample ID: CCV-34528C	SampType: CCV	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: CCV	Batch ID: 34528		Analysis Date: 11/30/2021	SeqNo: 1458633							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.3 10.0 100.0 0 96.3 90 110

Sample ID: CCB-34528C	SampType: CCB	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: CCB	Batch ID: 34528		Analysis Date: 11/30/2021	SeqNo: 1458634							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34561A	SampType: CCV	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71617							
Client ID: CCV	Batch ID: 34561	Analysis Date: 11/30/2021	SeqNo: 1458798								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

Sample ID: CCB-34561A	SampType: CCB	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71617							
Client ID: CCB	Batch ID: 34561	Analysis Date: 11/30/2021	SeqNo: 1458799								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34561	SampType: MBLK	Units: mg/Kg	Prep Date: 11/29/2021	RunNo: 71617							
Client ID: MBLKS	Batch ID: 34561	Analysis Date: 11/30/2021	SeqNo: 1458802								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.800

Sample ID: LCS-34561	SampType: LCS	Units: mg/Kg	Prep Date: 11/29/2021	RunNo: 71617							
Client ID: LCSS	Batch ID: 34561	Analysis Date: 11/30/2021	SeqNo: 1458803								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 37.7 0.806 40.32 0 93.5 80 120

Sample ID: 2110520-024AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/29/2021	RunNo: 71617							
Client ID: A4-SIDE39:2	Batch ID: 34561	Analysis Date: 11/30/2021	SeqNo: 1458806								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 1,510 0.907 45.33 1,892 -846 75 125 ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2110520-024AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 11/29/2021	RunNo: 71617							
Client ID: A4-SIDE39:2	Batch ID: 34561	Analysis Date: 11/30/2021	SeqNo: 1458807								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	2,190	0.900	44.98	1,892	665	75	125	1,509	36.9	20	ERS

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).
R - High RPD observed.

Sample ID: CCV-34528D	SampType: CCV	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: CCV	Batch ID: 34528	Analysis Date: 11/30/2021	SeqNo: 1458876								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	100	10.0	100.0	0	100	90	110				

Sample ID: CCV-34561B	SampType: CCV	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71617							
Client ID: CCV	Batch ID: 34561	Analysis Date: 11/30/2021	SeqNo: 1458809								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	100	10.0	100.0	0	100	90	110				

Sample ID: CCB-34528D	SampType: CCB	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: CCB	Batch ID: 34528	Analysis Date: 11/30/2021	SeqNo: 1458877								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCB-34561B	SampType: CCB	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71617							
Client ID: CCB	Batch ID: 34561	Analysis Date: 11/30/2021	SeqNo: 1458810								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34528E		SampType: CCV		Units: µg/L		Prep Date: 11/30/2021		RunNo: 71609			
Client ID: CCV		Batch ID: 34528				Analysis Date: 11/30/2021		SeqNo: 1458880			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	105	10.0	100.0	0	105	90	110				
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Sample ID: CCV-34561C		SampType: CCV		Units: µg/L		Prep Date: 11/30/2021		RunNo: 71617			
Client ID: CCV		Batch ID: 34561				Analysis Date: 11/30/2021		SeqNo: 1458817			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	105	10.0	100.0	0	105	90	110				
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Sample ID: CCB-34528E		SampType: CCB		Units: µg/L		Prep Date: 11/30/2021		RunNo: 71609			
Client ID: CCB		Batch ID: 34528				Analysis Date: 11/30/2021		SeqNo: 1458881			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Sample ID: CCB-34561C		SampType: CCB		Units: µg/L		Prep Date: 11/30/2021		RunNo: 71617			
Client ID: CCB		Batch ID: 34561				Analysis Date: 11/30/2021		SeqNo: 1458818			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Sample ID: ICB-34528A		SampType: ICB		Units: µg/L		Prep Date: 11/30/2021		RunNo: 71609			
Client ID: ICB		Batch ID: 34528				Analysis Date: 11/30/2021		SeqNo: 1459100			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34561A		SampType: ICB			Units: µg/L		Prep Date: 11/30/2021		RunNo: 71617		
Client ID: ICB		Batch ID: 34561					Analysis Date: 11/30/2021		SeqNo: 1459165		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-34528A		SampType: ICV			Units: µg/L		Prep Date: 11/30/2021		RunNo: 71609		
Client ID: ICV		Batch ID: 34528					Analysis Date: 11/30/2021		SeqNo: 1459101		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	104	10.0	100.0	0	104	90	110				

Sample ID: ICV-34561A		SampType: ICV			Units: µg/L		Prep Date: 11/30/2021		RunNo: 71617		
Client ID: ICV		Batch ID: 34561					Analysis Date: 11/30/2021		SeqNo: 1459166		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	104	10.0	100.0	0	104	90	110				

Sample ID: CCV-34528F		SampType: CCV			Units: µg/L		Prep Date: 11/30/2021		RunNo: 71609		
Client ID: CCV		Batch ID: 34528					Analysis Date: 11/30/2021		SeqNo: 1459106		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	105	10.0	100.0	0	105	90	110				

Sample ID: CCB-34528F		SampType: CCB			Units: µg/L		Prep Date: 11/30/2021		RunNo: 71609		
Client ID: CCB		Batch ID: 34528					Analysis Date: 11/30/2021		SeqNo: 1459107		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34528G	SampType: CCV	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: CCV	Batch ID: 34528		Analysis Date: 11/30/2021	SeqNo: 1459112							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 109 10.0 100.0 0 109 90 110

Sample ID: CCB-34528G	SampType: CCB	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: CCB	Batch ID: 34528		Analysis Date: 11/30/2021	SeqNo: 1459113							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34528H	SampType: CCV	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: CCV	Batch ID: 34528		Analysis Date: 11/30/2021	SeqNo: 1459124							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.7 10.0 100.0 0 99.7 90 110

Sample ID: CCV-34561D	SampType: CCV	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71617							
Client ID: CCV	Batch ID: 34561		Analysis Date: 11/30/2021	SeqNo: 1459189							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.7 10.0 100.0 0 99.7 90 110

Sample ID: CCB-34528H	SampType: CCB	Units: µg/L	Prep Date: 11/30/2021	RunNo: 71609							
Client ID: CCB	Batch ID: 34528		Analysis Date: 11/30/2021	SeqNo: 1459125							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34561D		SampType: CCB		Units: µg/L		Prep Date: 11/30/2021		RunNo: 71617			
Client ID: CCB		Batch ID: 34561				Analysis Date: 11/30/2021		SeqNo: 1459190			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34528I		SampType: CCV		Units: µg/L		Prep Date: 11/30/2021		RunNo: 71609			
Client ID: CCV		Batch ID: 34528				Analysis Date: 11/30/2021		SeqNo: 1459136			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 107 10.0 100.0 0 107 90 110

Sample ID: CCV-34561E		SampType: CCV		Units: µg/L		Prep Date: 11/30/2021		RunNo: 71617			
Client ID: CCV		Batch ID: 34561				Analysis Date: 11/30/2021		SeqNo: 1459201			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 107 10.0 100.0 0 107 90 110

Sample ID: CCB-34528I		SampType: CCB		Units: µg/L		Prep Date: 11/30/2021		RunNo: 71609			
Client ID: CCB		Batch ID: 34528				Analysis Date: 11/30/2021		SeqNo: 1459137			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCB-34561E		SampType: CCB		Units: µg/L		Prep Date: 11/30/2021		RunNo: 71617			
Client ID: CCB		Batch ID: 34561				Analysis Date: 11/30/2021		SeqNo: 1459202			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34561F	SampType: CCV	Units: µg/L				Prep Date: 11/30/2021	RunNo: 71617				
Client ID: CCV	Batch ID: 34561					Analysis Date: 11/30/2021	SeqNo: 1459212				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	111	10.0	100.0	0	111	90	110				S
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NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: CCB-34561F	SampType: CCB	Units: µg/L				Prep Date: 11/30/2021	RunNo: 71617				
Client ID: CCB	Batch ID: 34561					Analysis Date: 11/30/2021	SeqNo: 1459213				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Sample ID: ICB-34528B	SampType: ICB	Units: µg/L				Prep Date: 12/1/2021	RunNo: 71609				
Client ID: ICB	Batch ID: 34528					Analysis Date: 12/1/2021	SeqNo: 1459687				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Sample ID: ICV-34528B	SampType: ICV	Units: µg/L				Prep Date: 12/1/2021	RunNo: 71609				
Client ID: ICV	Batch ID: 34528					Analysis Date: 12/1/2021	SeqNo: 1459690				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	101	10.0	100.0	0	101	90	110				
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Sample ID: CCV-34528J	SampType: CCV	Units: µg/L				Prep Date: 12/1/2021	RunNo: 71609				
Client ID: CCV	Batch ID: 34528					Analysis Date: 12/1/2021	SeqNo: 1459702				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	101	10.0	100.0	0	101	90	110				
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Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34528J		SampType: CCB		Units: µg/L		Prep Date: 12/1/2021		RunNo: 71609			
Client ID: CCB		Batch ID: 34528				Analysis Date: 12/1/2021		SeqNo: 1459705			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-34528K		SampType: CCV		Units: µg/L		Prep Date: 12/1/2021		RunNo: 71609			
Client ID: CCV		Batch ID: 34528				Analysis Date: 12/1/2021		SeqNo: 1459711			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	91.7	10.0	100.0	0	91.7	90	110				

Sample ID: CCB-34528K		SampType: CCB		Units: µg/L		Prep Date: 12/1/2021		RunNo: 71609			
Client ID: CCB		Batch ID: 34528				Analysis Date: 12/1/2021		SeqNo: 1459712			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660 ICB		SampType: ICB		Units: mg/Kg		Prep Date: 9/30/2021		RunNo: 70254			
Client ID: ICB		Batch ID: 34246				Analysis Date: 9/30/2021		SeqNo: 1425542			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1260	ND	0.0500									
Surr: Decachlorobiphenyl	216		200.0		108	50.2	159				
Surr: Tetrachloro-m-xylene	188		200.0		94.0	60.3	134				

Sample ID: 1660 ICV		SampType: ICV		Units: mg/Kg		Prep Date: 9/30/2021		RunNo: 70254			
Client ID: ICV		Batch ID: 34246				Analysis Date: 9/30/2021		SeqNo: 1425544			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.845	0.0500	1.000	0	84.5	80	120				
Aroclor 1260	0.810	0.0500	1.000	0	81.0	80	120				
Surr: Decachlorobiphenyl	162		200.0		81.0	30.2	155				
Surr: Tetrachloro-m-xylene	160		200.0		79.9	58.8	143				

Sample ID: 1254 ICB		SampType: ICB		Units: mg/Kg		Prep Date: 9/30/2021		RunNo: 70254			
Client ID: ICB		Batch ID: 34246				Analysis Date: 9/30/2021		SeqNo: 1425552			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	ND	0.0500									
Surr: Decachlorobiphenyl	219		200.0		110	50.2	159				
Surr: Tetrachloro-m-xylene	214		200.0		107	60.3	134				

Sample ID: 1254 ICV		SampType: ICV		Units: mg/Kg		Prep Date: 9/30/2021		RunNo: 70254			
Client ID: ICV		Batch ID: 34246				Analysis Date: 9/30/2021		SeqNo: 1425553			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	204		200.0		102	30.2	155				
Surr: Tetrachloro-m-xylene	203		200.0		101	58.8	143				

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg	Prep Date: 9/30/2021	RunNo: 70254							
Client ID: ICV	Batch ID: 34246		Analysis Date: 9/30/2021	SeqNo: 1425553							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1660-CCV-34246A	SampType: CCV	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70947							
Client ID: CCV	Batch ID: 34246		Analysis Date: 11/1/2021	SeqNo: 1443468							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.970	0.0500	1.000	0	97.0	80	120				
Aroclor 1260	1.01	0.0500	1.000	0	101	80	120				
Surr: Decachlorobiphenyl	233		200.0		117	30.2	155				
Surr: Tetrachloro-m-xylene	198		200.0		99.2	58.8	143				

Sample ID: 1254-CCV-34246A	SampType: CCV	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70947							
Client ID: CCV	Batch ID: 34246		Analysis Date: 11/1/2021	SeqNo: 1443469							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.01	0.0500	1.000	0	101	80	120				
Surr: Decachlorobiphenyl	240		200.0		120	30.2	155				
Surr: Tetrachloro-m-xylene	206		200.0		103	58.8	143				

Sample ID: MB-34246	SampType: MBLK	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70947							
Client ID: MBLKS	Batch ID: 34246		Analysis Date: 11/1/2021	SeqNo: 1443470							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34246	SampType: MBLK	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70947							
Client ID: MBLKS	Batch ID: 34246		Analysis Date: 11/1/2021	SeqNo: 1443470							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	221		200.0		110	20.6	142				
Surr: Tetrachloro-m-xylene	210		200.0		105	22	157				
NOTES: Sulfuric acid and florisil treated											

Sample ID: LCS1-34246	SampType: LCS	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70947							
Client ID: LCSS	Batch ID: 34246		Analysis Date: 11/1/2021	SeqNo: 1443471							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.03	0.0500	1.000	0	103	52.2	136				
Aroclor 1260	1.05	0.0500	1.000	0	105	50.5	150				
Surr: Decachlorobiphenyl	241		200.0		120	20.6	142				
Surr: Tetrachloro-m-xylene	206		200.0		103	22	157				
NOTES: Sulfuric acid and florisil treated											

Sample ID: 2110520-001AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/1/2021	RunNo: 70947							
Client ID: A4-SIDE29:2	Batch ID: 34246		Analysis Date: 11/1/2021	SeqNo: 1443473							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.14	0.0560	1.120	0	102	38.6	146				
Aroclor 1260	1.19	0.0560	1.120	0	107	24.6	161				
Surr: Decachlorobiphenyl	237		223.9		106	20.6	142				
Surr: Tetrachloro-m-xylene	198		223.9		88.4	22	157				
NOTES: Sulfuric acid and florisil treated											

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2110520-001AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 11/1/2021	RunNo: 70947							
Client ID: A4-SIDE29:2	Batch ID: 34246		Analysis Date: 11/1/2021	SeqNo: 1443474							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.12	0.0575	1.151	0	97.6	38.6	146	1.137	1.27	30	
Aroclor 1260	1.18	0.0575	1.151	0	102	24.6	161	1.193	1.35	30	
Surr: Decachlorobiphenyl	237		230.2		103	20.6	142		0		
Surr: Tetrachloro-m-xylene	193		230.2		83.9	22	157		0		

NOTES:
Sulfuric acid and florisil treated

Sample ID: 1660-CCV-34246A	SampType: CCV	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70946							
Client ID: CCV	Batch ID: 34246		Analysis Date: 11/1/2021	SeqNo: 1443415							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.06	0.0500	1.000	0	106	80	120				
Aroclor 1260	1.07	0.0500	1.000	0	107	80	120				
Surr: Decachlorobiphenyl	240		200.0		120	30.2	155				
Surr: Tetrachloro-m-xylene	215		200.0		108	58.8	143				

Sample ID: 1660-CCV-34246B	SampType: CCV	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70947							
Client ID: CCV	Batch ID: 34246		Analysis Date: 11/1/2021	SeqNo: 1443479							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.06	0.0500	1.000	0	106	80	120				
Aroclor 1260	1.07	0.0500	1.000	0	107	80	120				
Surr: Decachlorobiphenyl	240		200.0		120	30.2	155				
Surr: Tetrachloro-m-xylene	215		200.0		108	58.8	143				

Sample ID: 1254-CCV-34246A	SampType: CCV	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70946							
Client ID: CCV	Batch ID: 34246		Analysis Date: 11/1/2021	SeqNo: 1443416							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.08	0.0500	1.000	0	108	80	120				

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34246A		SampType: CCV		Units: mg/Kg		Prep Date: 11/1/2021		RunNo: 70946			
Client ID: CCV		Batch ID: 34246				Analysis Date: 11/1/2021		SeqNo: 1443416			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	250		200.0		125	30.2	155			
Surr: Tetrachloro-m-xylene	226		200.0		113	58.8	143			

Sample ID: 1254-CCV-34246B		SampType: CCV		Units: mg/Kg		Prep Date: 11/1/2021		RunNo: 70947			
Client ID: CCV		Batch ID: 34246				Analysis Date: 11/1/2021		SeqNo: 1443480			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.08	0.0500	1.000	0	108	80	120			
Surr: Decachlorobiphenyl	250		200.0		125	30.2	155			
Surr: Tetrachloro-m-xylene	226		200.0		113	58.8	143			

Sample ID: MB-34246		SampType: MBLK		Units: mg/Kg		Prep Date: 11/1/2021		RunNo: 70946			
Client ID: MBLKS		Batch ID: 34246				Analysis Date: 11/1/2021		SeqNo: 1443417			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	242		200.0		121	20.6	142				
Surr: Tetrachloro-m-xylene	209		200.0		104	22	157				

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1-34246	SampType: LCS	Units: mg/Kg				Prep Date: 11/1/2021	RunNo: 70946				
Client ID: LCSS	Batch ID: 34246					Analysis Date: 11/1/2021	SeqNo: 1443418				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.965	0.0500	1.000	0	96.5	52.2	136				
Aroclor 1260	0.917	0.0500	1.000	0	91.7	50.5	150				
Surr: Decachlorobiphenyl	208		200.0		104	20.6	142				
Surr: Tetrachloro-m-xylene	209		200.0		105	22	157				

Sample ID: LCS2-34246	SampType: LCS	Units: mg/Kg				Prep Date: 11/1/2021	RunNo: 70946				
Client ID: LCSS	Batch ID: 34246					Analysis Date: 11/1/2021	SeqNo: 1443419				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.894	0.0500	1.000	0	89.4	48.1	147				
Surr: Decachlorobiphenyl	197		200.0		98.4	20.6	142				
Surr: Tetrachloro-m-xylene	221		200.0		110	22	157				

Sample ID: 2110520-001AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 11/1/2021	RunNo: 70946				
Client ID: A4-SIDE29:2	Batch ID: 34246					Analysis Date: 11/1/2021	SeqNo: 1443421				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.17	0.0560	1.120	0	104	38.6	146				
Aroclor 1260	1.20	0.0560	1.120	0	107	24.6	161				
Surr: Decachlorobiphenyl	242		223.9		108	20.6	142				
Surr: Tetrachloro-m-xylene	207		223.9		92.4	22	157				

Sample ID: 2110520-001AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 11/1/2021	RunNo: 70946				
Client ID: A4-SIDE29:2	Batch ID: 34246					Analysis Date: 11/1/2021	SeqNo: 1443422				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.20	0.0575	1.151	0	104	38.6	146	1.166	2.91	30	
Aroclor 1260	1.21	0.0575	1.151	0	105	24.6	161	1.202	0.354	30	
Surr: Decachlorobiphenyl	236		230.2		103	20.6	142		0		

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2110520-001AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 11/1/2021	RunNo: 70946							
Client ID: A4-SIDE29:2	Batch ID: 34246	Analysis Date: 11/1/2021	SeqNo: 1443422								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 203 230.2 88.1 22 157 0

Sample ID: 1660-CCV-34246B	SampType: CCV	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70946							
Client ID: CCV	Batch ID: 34246	Analysis Date: 11/1/2021	SeqNo: 1443436								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 1.01 0.0500 1.000 0 101 80 120
 Aroclor 1260 0.989 0.0500 1.000 0 98.9 80 120
 Surr: Decachlorobiphenyl 223 200.0 111 30.2 155
 Surr: Tetrachloro-m-xylene 219 200.0 110 58.8 143

Sample ID: 1254-CCV-34246B	SampType: CCV	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70946							
Client ID: CCV	Batch ID: 34246	Analysis Date: 11/1/2021	SeqNo: 1443437								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.07 0.0500 1.000 0 107 80 120
 Surr: Decachlorobiphenyl 248 200.0 124 30.2 155
 Surr: Tetrachloro-m-xylene 218 200.0 109 58.8 143

Sample ID: 1660-CCV-34246C	SampType: CCV	Units: mg/Kg	Prep Date: 11/2/2021	RunNo: 70947							
Client ID: CCV	Batch ID: 34246	Analysis Date: 11/2/2021	SeqNo: 1443481								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 0.949 0.0500 1.000 0 94.9 80 120
 Aroclor 1260 0.873 0.0500 1.000 0 87.3 80 120
 Surr: Decachlorobiphenyl 202 200.0 101 30.2 155
 Surr: Tetrachloro-m-xylene 205 200.0 102 58.8 143

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34246C	SampType: CCV	Units: mg/Kg	Prep Date: 11/2/2021	RunNo: 70947							
Client ID: CCV	Batch ID: 34246		Analysis Date: 11/2/2021	SeqNo: 1443482							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.939	0.0500	1.000	0	93.9	80	120				
Surr: Decachlorobiphenyl	219		200.0		110	30.2	155				
Surr: Tetrachloro-m-xylene	204		200.0		102	58.8	143				

Sample ID: LCS2-34246	SampType: LCS	Units: mg/Kg	Prep Date: 11/1/2021	RunNo: 70947							
Client ID: LCSS	Batch ID: 34246		Analysis Date: 11/2/2021	SeqNo: 1443483							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.922	0.0500	1.000	0	92.2	48.1	147				
Surr: Decachlorobiphenyl	215		200.0		108	20.6	142				
Surr: Tetrachloro-m-xylene	212		200.0		106	22	157				

NOTES:
Sulfuric acid and florisil treated

Sample ID: 1660-CCV-34246D	SampType: CCV	Units: mg/Kg	Prep Date: 11/2/2021	RunNo: 70947							
Client ID: CCV	Batch ID: 34246		Analysis Date: 11/2/2021	SeqNo: 1443484							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.966	0.0500	1.000	0	96.6	80	120				
Aroclor 1260	0.886	0.0500	1.000	0	88.6	80	120				
Surr: Decachlorobiphenyl	211		200.0		105	30.2	155				
Surr: Tetrachloro-m-xylene	212		200.0		106	58.8	143				

Sample ID: 1254-CCV-34246D	SampType: CCV	Units: mg/Kg	Prep Date: 11/2/2021	RunNo: 70947							
Client ID: CCV	Batch ID: 34246		Analysis Date: 11/2/2021	SeqNo: 1443485							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.960	0.0500	1.000	0	96.0	80	120				
Surr: Decachlorobiphenyl	226		200.0		113	30.2	155				
Surr: Tetrachloro-m-xylene	221		200.0		110	58.8	143				

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34246D	SampType: CCV	Units: mg/Kg	Prep Date: 11/2/2021	RunNo: 70947							
Client ID: CCV	Batch ID: 34246	Analysis Date: 11/2/2021	SeqNo: 1443485								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1660-CCV-34298A	SampType: CCV	Units: mg/Kg	Prep Date: 11/4/2021	RunNo: 71029							
Client ID: CCV	Batch ID: 34298	Analysis Date: 11/4/2021	SeqNo: 1445124								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.963	0.0500	1.000	0	96.3	80	120				
Aroclor 1260	0.900	0.0500	1.000	0	90.0	80	120				
Surr: Decachlorobiphenyl	174		200.0		87.2	30.2	155				
Surr: Tetrachloro-m-xylene	196		200.0		98.2	58.8	143				

Sample ID: 1254-CCV-34298A	SampType: CCV	Units: mg/Kg	Prep Date: 11/4/2021	RunNo: 71029							
Client ID: CCV	Batch ID: 34298	Analysis Date: 11/4/2021	SeqNo: 1445125								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.838	0.0500	1.000	0	83.8	80	120				
Surr: Decachlorobiphenyl	176		200.0		87.9	30.2	155				
Surr: Tetrachloro-m-xylene	197		200.0		98.6	58.8	143				

Sample ID: MB-34298	SampType: MBLK	Units: mg/Kg	Prep Date: 11/3/2021	RunNo: 71029							
Client ID: MBLKS	Batch ID: 34298	Analysis Date: 11/4/2021	SeqNo: 1445126								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34298	SampType: MBLK	Units: mg/Kg	Prep Date: 11/3/2021	RunNo: 71029							
Client ID: MBLKS	Batch ID: 34298		Analysis Date: 11/4/2021	SeqNo: 1445126							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	160		200.0		79.8	20.6	142				
Surr: Tetrachloro-m-xylene	174		200.0		87.2	22	157				
NOTES: Sulfuric acid and florisil treated											

Sample ID: LCS1-34298	SampType: LCS	Units: mg/Kg	Prep Date: 11/3/2021	RunNo: 71029							
Client ID: LCSS	Batch ID: 34298		Analysis Date: 11/4/2021	SeqNo: 1445127							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.759	0.0500	1.000	0	75.9	52.2	136				
Aroclor 1260	0.654	0.0500	1.000	0	65.4	50.5	150				
Surr: Decachlorobiphenyl	138		200.0		69.0	20.6	142				
Surr: Tetrachloro-m-xylene	171		200.0		85.7	22	157				
NOTES: Sulfuric acid and florisil treated											

Sample ID: LCS2-34298	SampType: LCS	Units: mg/Kg	Prep Date: 11/3/2021	RunNo: 71029							
Client ID: LCSS	Batch ID: 34298		Analysis Date: 11/4/2021	SeqNo: 1445128							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.650	0.0500	1.000	0	65.0	48.1	147				
Surr: Decachlorobiphenyl	142		200.0		70.9	20.6	142				
Surr: Tetrachloro-m-xylene	175		200.0		87.3	22	157				
NOTES: Sulfuric acid and florisil treated											

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2111050-017AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/3/2021	RunNo: 71029							
Client ID: BATCH	Batch ID: 34298		Analysis Date: 11/4/2021	SeqNo: 1445130							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.54	0.0504	1.008	0	152	38.6	146				S
Aroclor 1260	1.47	0.0504	1.008	0	146	24.6	161				
Surr: Decachlorobiphenyl	169		201.6		83.9	20.6	142				
Surr: Tetrachloro-m-xylene	146		201.6		72.3	22	157				
NOTES:											
Sulfuric acid and florisil treated											
S - Spike recovery indicates a possible matrix effect.											

Sample ID: 2111050-017AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 11/3/2021	RunNo: 71029							
Client ID: BATCH	Batch ID: 34298		Analysis Date: 11/4/2021	SeqNo: 1445131							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.17	0.0525	1.051	0	111	38.6	146	1.536	27.1	30	
Aroclor 1260	1.05	0.0525	1.051	0	99.5	24.6	161	1.467	33.5	30	R
Surr: Decachlorobiphenyl	167		210.2		79.5	20.6	142		0		
Surr: Tetrachloro-m-xylene	149		210.2		70.8	22	157		0		
NOTES:											
Sulfuric acid and florisil treated											
R - High RPD observed, spike recovery is within range.											

Sample ID: 1660-CCV-34298B	SampType: CCV	Units: mg/Kg	Prep Date: 11/4/2021	RunNo: 71029							
Client ID: CCV	Batch ID: 34298		Analysis Date: 11/4/2021	SeqNo: 1445136							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.12	0.0500	1.000	0	112	80	120				
Aroclor 1260	0.889	0.0500	1.000	0	88.9	80	120				
Surr: Decachlorobiphenyl	166		200.0		83.1	30.2	155				
Surr: Tetrachloro-m-xylene	233		200.0		116	58.8	143				

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34298A	SampType: CCV	Units: mg/Kg				Prep Date: 11/4/2021	RunNo: 71071				
Client ID: CCV	Batch ID: 34298					Analysis Date: 11/4/2021	SeqNo: 1446406				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.16	0.0500	1.000	0	116	80	120				
Aroclor 1260	0.889	0.0500	1.000	0	88.9	80	120				
Surr: Decachlorobiphenyl	166		200.0		83.1	30.2	155				
Surr: Tetrachloro-m-xylene	233		200.0		116	58.8	143				

Sample ID: 1254-CCV-34298B	SampType: CCV	Units: mg/Kg				Prep Date: 11/4/2021	RunNo: 71029				
Client ID: CCV	Batch ID: 34298					Analysis Date: 11/4/2021	SeqNo: 1445137				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.838	0.0500	1.000	0	83.8	80	120				
Surr: Decachlorobiphenyl	147		200.0		73.6	30.2	155				
Surr: Tetrachloro-m-xylene	200		200.0		100	58.8	143				

Sample ID: 1254-CCV-34298A	SampType: CCV	Units: mg/Kg				Prep Date: 11/4/2021	RunNo: 71071				
Client ID: CCV	Batch ID: 34298					Analysis Date: 11/4/2021	SeqNo: 1446407				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.836	0.0500	1.000	0	83.6	80	120				
Surr: Decachlorobiphenyl	147		200.0		73.6	30.2	155				
Surr: Tetrachloro-m-xylene	200		200.0		100	58.8	143				

Sample ID: MB-34298	SampType: MBLK	Units: mg/Kg				Prep Date: 11/3/2021	RunNo: 71071				
Client ID: MBLKS	Batch ID: 34298					Analysis Date: 11/4/2021	SeqNo: 1446408				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34298	SampType: MBLK	Units: mg/Kg			Prep Date: 11/3/2021	RunNo: 71071					
Client ID: MBLKS	Batch ID: 34298				Analysis Date: 11/4/2021	SeqNo: 1446408					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	185		200.0		92.5	20.6	142				
Surr: Tetrachloro-m-xylene	226		200.0		113	22	157				

Sample ID: LCS1-34298	SampType: LCS	Units: mg/Kg			Prep Date: 11/3/2021	RunNo: 71071					
Client ID: LCSS	Batch ID: 34298				Analysis Date: 11/4/2021	SeqNo: 1446409					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.05	0.0500	1.000	0	105	52.2	136				
Aroclor 1260	0.890	0.0500	1.000	0	89.0	50.5	150				
Surr: Decachlorobiphenyl	162		200.0		81.0	20.6	142				
Surr: Tetrachloro-m-xylene	207		200.0		104	22	157				

Sample ID: LCS2-34298	SampType: LCS	Units: mg/Kg			Prep Date: 11/3/2021	RunNo: 71071					
Client ID: LCSS	Batch ID: 34298				Analysis Date: 11/4/2021	SeqNo: 1446410					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.08	0.0500	1.000	0	108	48.1	147				
Surr: Decachlorobiphenyl	204		200.0		102	20.6	142				
Surr: Tetrachloro-m-xylene	236		200.0		118	22	157				

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2111050-017AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/3/2021	RunNo: 71071							
Client ID: BATCH	Batch ID: 34298		Analysis Date: 11/4/2021	SeqNo: 1446412							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.59	0.0504	1.008	0	157	38.6	146				S
Aroclor 1260	1.41	0.0504	1.008	0	140	24.6	161				
Surr: Decachlorobiphenyl	181		201.6		89.9	20.6	142				
Surr: Tetrachloro-m-xylene	177		201.6		87.9	22	157				

NOTES:

S - Matrix Spike recovery is high due to interference from the Aroclor 1254 in the parent sample.

Sample ID: 2111050-017AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 11/3/2021	RunNo: 71071							
Client ID: BATCH	Batch ID: 34298		Analysis Date: 11/4/2021	SeqNo: 1446413							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.86	0.0525	1.051	0	177	38.6	146	1.588	15.6	30	S
Aroclor 1260	1.48	0.0525	1.051	0	141	24.6	161	1.414	4.50	30	
Surr: Decachlorobiphenyl	208		210.2		98.9	20.6	142		0		
Surr: Tetrachloro-m-xylene	217		210.2		103	22	157		0		

NOTES:

S - Matrix Spike recovery is high due to interference from the Aroclor 1254 in the parent sample.

Sample ID: 1660-CCV-34298B	SampType: CCV	Units: mg/Kg	Prep Date: 11/4/2021	RunNo: 71071							
Client ID: CCV	Batch ID: 34298		Analysis Date: 11/4/2021	SeqNo: 1446429							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.20	0.0500	1.000	0	120	80	120				
Aroclor 1260	1.20	0.0500	1.000	0	120	80	120				S
Surr: Decachlorobiphenyl	213		200.0		106	30.2	155				
Surr: Tetrachloro-m-xylene	234		200.0		117	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect; result meets QC requirements.

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34298B	SampType: CCV	Units: mg/Kg				Prep Date: 11/4/2021	RunNo: 71071				
Client ID: CCV	Batch ID: 34298					Analysis Date: 11/4/2021	SeqNo: 1446430				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.12	0.0500	1.000	0	112	80	120				
Surr: Decachlorobiphenyl	218		200.0		109	30.2	155				
Surr: Tetrachloro-m-xylene	235		200.0		118	58.8	143				

Sample ID: 1254-CCV-34298C	SampType: CCV	Units: mg/Kg				Prep Date: 11/5/2021	RunNo: 71071				
Client ID: CCV	Batch ID: 34298					Analysis Date: 11/5/2021	SeqNo: 1446431				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.905	0.0500	1.000	0	90.5	80	120				
Surr: Decachlorobiphenyl	181		200.0		90.3	30.2	155				
Surr: Tetrachloro-m-xylene	207		200.0		103	58.8	143				

Sample ID: 1254-CCV-34298D	SampType: CCV	Units: mg/Kg				Prep Date: 11/5/2021	RunNo: 71071				
Client ID: CCV	Batch ID: 34298					Analysis Date: 11/5/2021	SeqNo: 1446433				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.820	0.0500	1.000	0	82.0	80	120				
Surr: Decachlorobiphenyl	177		200.0		88.4	30.2	155				
Surr: Tetrachloro-m-xylene	189		200.0		94.5	58.8	143				

Sample ID: 1660-CCV-34360A	SampType: CCV	Units: mg/Kg				Prep Date: 11/9/2021	RunNo: 71146				
Client ID: CCV	Batch ID: 34360					Analysis Date: 11/9/2021	SeqNo: 1447925				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.07	0.0500	1.000	0	107	80	120				
Aroclor 1260	1.09	0.0500	1.000	0	109	80	120				
Surr: Decachlorobiphenyl	119		200.0		59.5	30.2	155				
Surr: Tetrachloro-m-xylene	213		200.0		107	58.8	143				

Work Order: 2110520
 CLIENT: Shannon & Wilson
 Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34360A	SampType: CCV	Units: mg/Kg				Prep Date: 11/9/2021	RunNo: 71146				
Client ID: CCV	Batch ID: 34360					Analysis Date: 11/9/2021	SeqNo: 1447926				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	121		200.0		60.7	30.2	155				
Surr: Tetrachloro-m-xylene	211		200.0		106	58.8	143				

Sample ID: MB-34360	SampType: MBLK	Units: mg/Kg				Prep Date: 11/9/2021	RunNo: 71146				
Client ID: MBLKS	Batch ID: 34360					Analysis Date: 11/9/2021	SeqNo: 1447927				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	119		200.0		59.4	20.6	142				
Surr: Tetrachloro-m-xylene	201		200.0		100	22	157				

Sample ID: LCS1-34360	SampType: LCS	Units: mg/Kg				Prep Date: 11/9/2021	RunNo: 71146				
Client ID: LCSS	Batch ID: 34360					Analysis Date: 11/9/2021	SeqNo: 1447928				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.994	0.0500	1.000	0	99.4	52.2	136				
Aroclor 1260	1.02	0.0500	1.000	0	102	50.5	150				
Surr: Decachlorobiphenyl	115		200.0		57.4	20.6	142				
Surr: Tetrachloro-m-xylene	201		200.0		101	22	157				

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1-34360	SampType: LCS	Units: mg/Kg	Prep Date: 11/9/2021	RunNo: 71146							
Client ID: LCSS	Batch ID: 34360	Analysis Date: 11/9/2021	SeqNo: 1447928								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCS2-34360	SampType: LCS	Units: mg/Kg	Prep Date: 11/9/2021	RunNo: 71146							
Client ID: LCSS	Batch ID: 34360	Analysis Date: 11/9/2021	SeqNo: 1447929								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.942	0.0500	1.000	0	94.2	48.1	147				
Surr: Decachlorobiphenyl	109		200.0		54.6	20.6	142				
Surr: Tetrachloro-m-xylene	193		200.0		96.3	22	157				

Sample ID: 2110520-026AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/9/2021	RunNo: 71146							
Client ID: A4-SIDE39:6	Batch ID: 34360	Analysis Date: 11/9/2021	SeqNo: 1447931								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.07	0.0445	0.8897	0	120	38.6	146				
Aroclor 1260	0.929	0.0445	0.8897	0	104	24.6	161				
Surr: Decachlorobiphenyl	101		177.9		56.5	20.6	142				
Surr: Tetrachloro-m-xylene	179		177.9		100	22	157				

Sample ID: 2110520-026AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 11/9/2021	RunNo: 71146							
Client ID: A4-SIDE39:6	Batch ID: 34360	Analysis Date: 11/9/2021	SeqNo: 1447932								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.04	0.0435	0.8690	0	120	38.6	146	1.068	2.36	30	
Aroclor 1260	0.897	0.0435	0.8690	0	103	24.6	161	0.9289	3.52	30	
Surr: Decachlorobiphenyl	99.1		173.8		57.0	20.6	142		0		
Surr: Tetrachloro-m-xylene	177		173.8		102	22	157		0		

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34360B		SampType: CCV		Units: mg/Kg		Prep Date: 11/9/2021		RunNo: 71146			
Client ID: CCV		Batch ID: 34360				Analysis Date: 11/9/2021		SeqNo: 1447936			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.05	0.0500	1.000	0	105	80	120				
Aroclor 1260	0.971	0.0500	1.000	0	97.1	80	120				
Surr: Decachlorobiphenyl	113		200.0		56.5	30.2	155				
Surr: Tetrachloro-m-xylene	214		200.0		107	58.8	143				

Sample ID: 1254-CCV-34360B		SampType: CCV		Units: mg/Kg		Prep Date: 11/9/2021		RunNo: 71146			
Client ID: CCV		Batch ID: 34360				Analysis Date: 11/9/2021		SeqNo: 1447937			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.07	0.0500	1.000	0	107	80	120				
Surr: Decachlorobiphenyl	117		200.0		58.4	30.2	155				
Surr: Tetrachloro-m-xylene	203		200.0		101	58.8	143				

Sample ID: 1660 ICB		SampType: ICB		Units: mg/Kg		Prep Date: 11/17/2021		RunNo: 71394			
Client ID: ICB		Batch ID: 34536				Analysis Date: 11/17/2021		SeqNo: 1454001			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1260	ND	0.0500									
Surr: Decachlorobiphenyl	207		200.0		103	50.2	159				
Surr: Tetrachloro-m-xylene	214		200.0		107	60.3	134				

Sample ID: 1660 ICV		SampType: ICV		Units: mg/Kg		Prep Date: 11/17/2021		RunNo: 71394			
Client ID: ICV		Batch ID: 34536				Analysis Date: 11/17/2021		SeqNo: 1454002			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.01	0.0500	1.000	0	101	80	120				
Aroclor 1260	0.991	0.0500	1.000	0	99.1	80	120				
Surr: Decachlorobiphenyl	196		200.0		98.1	30.2	155				

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660 ICV	SampType: ICV	Units: mg/Kg			Prep Date: 11/17/2021	RunNo: 71394					
Client ID: ICV	Batch ID: 34536				Analysis Date: 11/17/2021	SeqNo: 1454002					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 212 200.0 106 58.8 143

Sample ID: 1254 ICB	SampType: ICB	Units: mg/Kg			Prep Date: 11/17/2021	RunNo: 71394					
Client ID: ICB	Batch ID: 34536				Analysis Date: 11/17/2021	SeqNo: 1454011					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 ND 0.0500
Surr: Decachlorobiphenyl 195 200.0 97.3 50.2 159
Surr: Tetrachloro-m-xylene 197 200.0 98.7 60.3 134

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg			Prep Date: 11/17/2021	RunNo: 71394					
Client ID: ICV	Batch ID: 34536				Analysis Date: 11/17/2021	SeqNo: 1454012					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.05 0.0500 1.000 0 105 80 120
Surr: Decachlorobiphenyl 196 200.0 98.0 30.2 155
Surr: Tetrachloro-m-xylene 202 200.0 101 58.8 143

Sample ID: 1660-CCV-34536A	SampType: CCV	Units: mg/Kg			Prep Date: 11/23/2021	RunNo: 71519					
Client ID: CCV	Batch ID: 34536				Analysis Date: 11/23/2021	SeqNo: 1456681					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 1.09 0.0500 1.000 0 109 80 120
Aroclor 1260 1.15 0.0500 1.000 0 115 80 120
Surr: Decachlorobiphenyl 245 200.0 122 30.2 155
Surr: Tetrachloro-m-xylene 231 200.0 116 58.8 143

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34536A	SampType: CCV	Units: mg/Kg				Prep Date: 11/23/2021	RunNo: 71519				
Client ID: CCV	Batch ID: 34536					Analysis Date: 11/23/2021	SeqNo: 1456682				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.03	0.0500	1.000	0	103	80	120				
Surr: Decachlorobiphenyl	224		200.0		112	30.2	155				
Surr: Tetrachloro-m-xylene	211		200.0		105	58.8	143				

Sample ID: MB-34536	SampType: MBLK	Units: mg/Kg				Prep Date: 11/22/2021	RunNo: 71519				
Client ID: MBLKS	Batch ID: 34536					Analysis Date: 11/23/2021	SeqNo: 1456683				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	259		200.0		130	20.6	142				
Surr: Tetrachloro-m-xylene	240		200.0		120	22	157				

Sample ID: LCS1-34536	SampType: LCS	Units: mg/Kg				Prep Date: 11/22/2021	RunNo: 71519				
Client ID: LCSS	Batch ID: 34536					Analysis Date: 11/23/2021	SeqNo: 1456684				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.18	0.0500	1.000	0	118	52.2	136				
Aroclor 1260	1.19	0.0500	1.000	0	119	50.5	150				
Surr: Decachlorobiphenyl	253		200.0		126	20.6	142				
Surr: Tetrachloro-m-xylene	238		200.0		119	22	157				

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1-34536	SampType: LCS	Units: mg/Kg	Prep Date: 11/22/2021	RunNo: 71519							
Client ID: LCSS	Batch ID: 34536	Analysis Date: 11/23/2021	SeqNo: 1456684								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCS2-34536	SampType: LCS	Units: mg/Kg	Prep Date: 11/22/2021	RunNo: 71519							
Client ID: LCSS	Batch ID: 34536	Analysis Date: 11/23/2021	SeqNo: 1456685								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.12	0.0500	1.000	0	112	48.1	147				
Surr: Decachlorobiphenyl	247		200.0		123	20.6	142				
Surr: Tetrachloro-m-xylene	227		200.0		114	22	157				

Sample ID: 2110520-016AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/22/2021	RunNo: 71519							
Client ID: A4-SIDE36:2	Batch ID: 34536	Analysis Date: 11/23/2021	SeqNo: 1456687								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.36	0.0534	1.068	0	127	38.6	146				
Aroclor 1260	1.31	0.0534	1.068	0	123	24.6	161				
Surr: Decachlorobiphenyl	253		213.6		118	20.6	142				
Surr: Tetrachloro-m-xylene	245		213.6		114	22	157				

Sample ID: 2110520-016AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 11/22/2021	RunNo: 71519							
Client ID: A4-SIDE36:2	Batch ID: 34536	Analysis Date: 11/23/2021	SeqNo: 1456688								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.23	0.0538	1.075	0	114	38.6	146	1.358	9.95	30	
Aroclor 1260	1.29	0.0538	1.075	0	120	24.6	161	1.309	1.32	30	
Surr: Decachlorobiphenyl	245		215.0		114	20.6	142		0		
Surr: Tetrachloro-m-xylene	240		215.0		112	22	157		0		

Work Order: 2110520
CLIENT: Shannon & Wilson
Project: 8801

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34536B		SampType: CCV		Units: mg/Kg		Prep Date: 11/23/2021		RunNo: 71519			
Client ID: CCV		Batch ID: 34536				Analysis Date: 11/23/2021		SeqNo: 1456692			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.16	0.0500	1.000	0	116	80	120				
Aroclor 1260	1.19	0.0500	1.000	0	119	80	120				
Surr: Decachlorobiphenyl	252		200.0		126	30.2	155				
Surr: Tetrachloro-m-xylene	238		200.0		119	58.8	143				

Sample ID: 1254-CCV-34536B		SampType: CCV		Units: mg/Kg		Prep Date: 11/23/2021		RunNo: 71519			
Client ID: CCV		Batch ID: 34536				Analysis Date: 11/23/2021		SeqNo: 1456693			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.09	0.0500	1.000	0	109	80	120				
Surr: Decachlorobiphenyl	230		200.0		115	30.2	155				
Surr: Tetrachloro-m-xylene	217		200.0		109	58.8	143				

Client Name: SW	Work Order Number: 2110520
Logged by: Clare Griggs	Date Received: 10/29/2021 3:58:00 PM

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >2°C to 6°C * Yes No NA
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Sample	3.3

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



Fremont
Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/29/12 Page: 1 of 5

Project Name: 8801

Project No: 21-1-12567-026

Collected by: Rose Vogt

Location: Tukwila, WA

Report To (PM): Ryan Peterson

PM Email: rpeterson@fremontanalytical.com

Laboratory Project No (Internal): 21105120

Special Remarks: Refer to project methods.

⊗ = hold analysis

Sample Disposal: Return to client Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)	# of Cont.	Analytes										Comments									
					VOCs (EPA 8260 / 624)	BTEX	Gasoline-Range Organics (GX)	Hydrocarbon Identification (HX)	Diesel/Heavy Oil Range Organics (HX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6010 / 200.8)	Total (T) / Dissolved (D)		Anions (IC)***	EDB (8011)							
1 AY-SIDE 29:2	10/29/12	10:07	S	1																				
2 AY-SIDE 29:6.5	10/29/12	10:10	S	1																				
3 AY-SIDE 30:2	10/29/12	10:13	S	1																				
4 AY-SIDE 30:6	10/29/12	10:18	S	1																				
5 AY-SIDE 31:2	10/29/12	10:20	S	1																				
6 AY-SIDE 31:6	10/29/12	10:34	S	1																				
7 AY-SIDE 32:8	10/29/12	10:36	S	1																				
8 AY-SIDE 33:2	10/29/12	10:42	S	1																				
9 AY-SIDE 233:6	10/29/12	10:44	S	1																				
10 AY-SIDE 103:2	10/29/12	10:51	S	1																				

Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

Priority Pollutants: TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sn Sr Tl V Zn

Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have certified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature) *[Signature]* Print Name *Nym Petrusich* Date/Time *1450*

Relinquished (Signature) *[Signature]* Print Name *[Signature]* Date/Time *10/29/12 5:05*

Turn-around Time:
 Standard Next Day
 3 Day Same Day
 (specify)



Fremont
Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/29/21 Page: 3 of 5

Project Name: 8801

Project No: 21-1-12567-026

Collected by: Ray Rose Vest

Location: Tukwila, WA

Report To (PM): Ryan Peterson

PM Email: RRP@shannon.com

Laboratory Project No (Internal): 2110520

Special Remarks: Refer to project methods

⊗ = Add analysis
X = Run for Cu, Std TAT 11/17/21 - CG

Sample Disposal: Return to client Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HX)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) Dissolved (D)	Anions (IC)***	EDB (8011)	Copper	Comments	Turn-around Time:
1 AY-SIDE 37:9	10/29/21	1125	S	1	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	Hold analysis	<input type="checkbox"/> Standard <input type="checkbox"/> Next Day
2 AY-SIDE 38:2	10/29/21	1127	S	1	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	"	<input type="checkbox"/> 3 Day <input type="checkbox"/> Same Day
3 AY-SIDE 38:6	10/29/21	1130	S	1	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	"	<input type="checkbox"/> 3 Day <input type="checkbox"/> Same Day
4 AY-SIDE 39:2	10/29/21	1135	S	1	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	"	<input type="checkbox"/> 3 Day <input type="checkbox"/> Same Day
5 AY-SIDE 39:0-8	10/29/21	1136	S	1	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	PCBs same day per MS, 11/9 mwbl	<input checked="" type="checkbox"/> 2 Day (specify)
6 AY-SIDE 39:6	10/29/21	1140	S	1	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		
7 AY-SIDE 40:1	10/29/21	1233	S	1	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		
8 AY-SIDE 40:5-5	10/29/21	1237	S	1	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		
9 AY-SIDE 41:2	10/29/21	1239	S	1	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		
10 AY-SIDE 41:6	10/29/21	1243	S	1	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		



3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 10/19/21 Page: 4 of 5

Project Name: 8861

Project No: 21-1-12567-026

Collected by: Rose Vogt

Location: Tukwila WA

Report To (PM): Ryan Petersen

PM Email: RBP@shawnwil.com

Laboratory Project No (Internal): 21105220

Special Remarks:
Refer to project methods,
⊗ = hold analysis

Sample Disposal: Return to client Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	Analytes												Comments		
					VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DH)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8270 - SIM)	Metals** (EPA 6020 / 200.9)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (801.1)			
1 AU-SIDE 42:2	10/19/21	1247	S	1															
2 AU-SIDE 42:6	10/29/21	1251	S	1															
3 AU-SIDE 43:1	10/28/21	1257	S	1															
4 AU-SIDE 44:1	10/28/21	1259	S	1															
5 AU-SIDE 43:5	10/29/21	1302	S	1															
6 AU-SIDE 45:1	10/29/21	1303	S	1															
7 AU-SIDE 45:6	10/29/21	1306	S	1															
8 AU-SIDE 44:6	10/29/21	1310	S	1															Hold analysis
9 AU-SIDE 46:2	10/29/21	1313	S	1															
10 AU-SIDE 104:2	10/29/21	1315	S	1															

POB same day per MS, 11/19 mwd

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Turn-around Time:
 Standard Next Day
 3 Day Same Day
 2 Day (specify) _____

Client: SKINNER & WILSON
 Address: 400 N. 34th St, Suite 100
 City, State, Zip: SEATTLE, WA 98103
 Telephone: _____
 Fax: _____
 Relinquished (Signature): *[Signature]* Date/Time: 10/19/21 14:50
 Relinquished (Signature): *[Signature]* Date/Time: 10/29/21 15:58

DATA SET for Review -- Deliverable Requirements

Polychlorinated Biphenyls (PCB) by EPA 8082

Fremont Analytical Work Order No. 2110520

Shannon & Wilson

Project Name: 8801- Excavations

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information

Data Directory: D:\GC-16\Data\2021\093021\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 093034.D No data found	8081_8082A_608.M		0.000	N/A
2) 093001.D CO	8081_8082A_608.M	6	1.000	30 Sep 2021 07:54 am
3) 093002.D 1660 10	8081_8082A_608.M	11	1.000	30 Sep 2021 08:04 am
4) 093003.D 1660 20	8081_8082A_608.M	12	1.000	30 Sep 2021 08:14 am
5) 093004.D 1660 50	8081_8082A_608.M	13	1.000	30 Sep 2021 08:24 am
6) 093005.D 1660 100	8081_8082A_608.M	14	1.000	30 Sep 2021 08:33 am
7) 093006.D 1660 200	8081_8082A_608.M	15	1.000	30 Sep 2021 08:43 am
8) 093007.D 1660 500	8081_8082A_608.M	16	1.000	30 Sep 2021 08:53 am
9) 093008.D 1660 1000	8081_8082A_608.M	17	1.000	30 Sep 2021 09:02 am
10) 093009.D 1660 2000	8081_8082A_608.M	18	1.000	30 Sep 2021 09:12 am
11) 093010.D 1660 ICB	8081_8082A_608.M	19	1.000	30 Sep 2021 09:22 am
12) 093011.D 1660 ICV	8081_8082A_608.M	20	1.000	30 Sep 2021 09:32 am
13) 093012.D 1254 10	8081_8082A_608.M	21	1.000	30 Sep 2021 09:41 am
14) 093013.D 1660 ICV	8081_8082A_608.M	20	1.000	30 Sep 2021 09:51 am
15) 093014.D 1254 20	8081_8082A_608.M	22	1.000	30 Sep 2021 10:02 am
16) 093015.D 1254 50	8081_8082A_608.M	23	1.000	30 Sep 2021 10:12 am
17) 093016.D 1254 100	8081_8082A_608.M	24	1.000	30 Sep 2021 10:22 am
18) 093017.D 1254 200	8081_8082A_608.M	25	1.000	30 Sep 2021 10:33 am
19) 093018.D 1254 500	8081_8082A_608.M	26	1.000	30 Sep 2021 10:42 am
20) 093019.D 1254 1000	8081_8082A_608.M	27	1.000	30 Sep 2021 10:52 am
21) 093020.D 1254 2000	8081_8082A_608.M	28	1.000	30 Sep 2021 11:02 am

22) 093021.D 1254 ICB	8081_8082A_608.M	29	1.000	30 Sep 2021	11:12 am
23) 093022.D 1254 ICV	8081_8082A_608.M	30	1.000	30 Sep 2021	11:21 am
24) 093023.D 1660-CCV-33867A	8081_8082A_608.M	17	1.000	30 Sep 2021	11:31 am
25) 093024.D 1254-CCV-33867A	8081_8082A_608.M	27	1.000	30 Sep 2021	11:41 am
26) 093025.D MB-33867	8081_8082A_608.M	31	1.000	30 Sep 2021	11:50 am
27) 093026.D LCS1-33867	8081_8082A_608.M	32	1.000	30 Sep 2021	12:00 pm
28) 093027.D LCS1D-33867	8081_8082A_608.M	33	1.000	30 Sep 2021	12:10 pm
29) 093028.D LCS2-33867	8081_8082A_608.M	34	1.000	30 Sep 2021	12:20 pm
30) 093029.D LCS-LL-33867	8081_8082A_608.M	35	1.000	30 Sep 2021	12:29 pm
31) 093030.D 2109469-001A	8081_8082A_608.M	44	1.000	30 Sep 2021	12:39 pm
32) 093031.D 2109469-001AMS	8081_8082A_608.M	45	1.000	30 Sep 2021	12:49 pm
33) 093032.D 2109390-011E	8081_8082A_608.M	36	1.000	30 Sep 2021	12:58 pm
34) 093033.D 2109397-003C	8081_8082A_608.M	37	1.000	30 Sep 2021	01:08 pm

Data Directory: D:\GC-16\Data\2021\110121\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 110101.D CO	8081_8082A_608.M	6	1.000	01 Nov 2021 12:05 pm
2) 110102.D CO	8081_8082A_608.M	7	1.000	01 Nov 2021 12:15 pm
3) 110103.D 1660-CCV-	8081_8082A_608.M	6	1.000	01 Nov 2021 12:24 pm
4) 110104.D 1254-CCV-	8081_8082A_608.M	7	1.000	01 Nov 2021 12:34 pm
5) 110105.D MB-34246	8081_8082A_608.M	11	1.000	01 Nov 2021 03:40 pm
6) 110106.D LCS1-34246	8081_8082A_608.M	12	1.000	01 Nov 2021 03:49 pm
7) 110107.D LCS2-34246	8081_8082A_608.M	13	1.000	01 Nov 2021 03:59 pm
8) 110108.D 2110520-001A	8081_8082A_608.M	14	1.000	01 Nov 2021 04:09 pm
9) 110109.D 2110520-001AMS	8081_8082A_608.M	15	1.000	01 Nov 2021 04:19 pm
10) 110110.D 2110520-001AMSD	8081_8082A_608.M	16	1.000	01 Nov 2021 04:28 pm
11) 110111.D 2110520-004A	8081_8082A_608.M	17	1.000	01 Nov 2021 04:38 pm
12) 110112.D 2110520-007A	8081_8082A_608.M	18	1.000	01 Nov 2021 04:48 pm
13) 110113.D 2110520-020A	8081_8082A_608.M	19	1.000	01 Nov 2021 04:58 pm
14) 110114.D 2110520-029A	8081_8082A_608.M	20	1.000	01 Nov 2021 05:07 pm
15) 110115.D CO	8081_8082A_608.M	7	1.000	01 Nov 2021 05:17 pm
16) 110116.D 1660-CCV-	8081_8082A_608.M	6	1.000	01 Nov 2021 05:27 pm
17) 110117.D 1254-CCV-	8081_8082A_608.M	7	1.000	01 Nov 2021 05:36 pm
18) 110118.D MB-34246	8081_8082A_608.M	21	1.000	01 Nov 2021 05:46 pm
19) 110119.D LCS1-34246	8081_8082A_608.M	22	1.000	01 Nov 2021 05:56 pm
20) 110120.D LCS2-34246	8081_8082A_608.M	23	1.000	01 Nov 2021 06:06 pm
21) 110121.D 2110520-001A	8081_8082A_608.M	24	1.000	01 Nov 2021 06:16 pm

22) 110122.D	8081_8082A_608.M	25	1.000	01 Nov 2021	06:25 pm
2110520-001AMS					
23) 110123.D	8081_8082A_608.M	26	1.000	01 Nov 2021	06:35 pm
2110520-001AMSD					
24) 110124.D	8081_8082A_608.M	27	1.000	01 Nov 2021	06:45 pm
2110520-002A					
25) 110125.D	8081_8082A_608.M	28	1.000	01 Nov 2021	06:54 pm
2110520-003A					
26) 110126.D	8081_8082A_608.M	29	1.000	01 Nov 2021	07:04 pm
2110520-005A					
27) 110127.D	8081_8082A_608.M	30	1.000	01 Nov 2021	07:14 pm
2110520-006A					
28) 110128.D	8081_8082A_608.M	31	1.000	01 Nov 2021	07:24 pm
2110520-010A					
29) 110129.D	8081_8082A_608.M	32	1.000	01 Nov 2021	07:33 pm
2110520-011A					
30) 110130.D	8081_8082A_608.M	33	1.000	01 Nov 2021	07:43 pm
2110520-012A					
31) 110131.D	8081_8082A_608.M	34	1.000	01 Nov 2021	07:53 pm
2110520-013A					
32) 110132.D	8081_8082A_608.M	35	1.000	01 Nov 2021	08:03 pm
2110520-018A					
33) 110133.D	8081_8082A_608.M	36	1.000	01 Nov 2021	08:12 pm
2110520-019A					
34) 110134.D	8081_8082A_608.M	37	1.000	01 Nov 2021	08:22 pm
2110520-030A					
35) 110135.D	8081_8082A_608.M	38	1.000	01 Nov 2021	08:32 pm
2110520-036A					
36) 110136.D	8081_8082A_608.M	39	1.000	01 Nov 2021	08:41 pm
2110520-037A					
37) 110137.D	8081_8082A_608.M	7	1.000	01 Nov 2021	08:51 pm
CO					
38) 110138.D	8081_8082A_608.M	6	1.000	01 Nov 2021	09:01 pm
1660-CCV-					
39) 110139.D	8081_8082A_608.M	7	1.000	01 Nov 2021	09:11 pm
1254-CCV-					
40) 110140.D	8081_8082A_608.M	6	1.000	02 Nov 2021	09:28 am
CO					
41) 110141.D	8081_8082A_608.M	7	1.000	02 Nov 2021	09:38 am
CO					
42) 110142.D	8081_8082A_608.M	6	1.000	02 Nov 2021	09:47 am
1660-CCV-					
43) 110143.D	8081_8082A_608.M	7	1.000	02 Nov 2021	09:57 am
1254-CCV-					
44) 110144.D	8081_8082A_608.M	13	1.000	02 Nov 2021	10:07 am
LCS2-34246					
45) 110145.D	8081_8082A_608.M				

1660-CCV- 6 1.000 02 Nov 2021 10:29 am

46) 110146.D 8081_8082A_608.M
1254-CCV- 7 1.000 02 Nov 2021 10:39 am

Data Directory: D:\GC-16\Data\2021\110421\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 110401.D CO	8081_8082A_608.M	6	1.000	04 Nov 2021 09:35 am
2) 110402.D CO	8081_8082A_608.M	7	1.000	04 Nov 2021 09:44 am
3) 110403.D 1660-CCV-	8081_8082A_608.M	6	1.000	04 Nov 2021 09:54 am
4) 110404.D 1254-CCV-	8081_8082A_608.M	7	1.000	04 Nov 2021 10:04 am
5) 110405.D MB-34298	8081_8082A_608.M	21	1.000	04 Nov 2021 11:04 am
6) 110406.D LCS1-34298	8081_8082A_608.M	22	1.000	04 Nov 2021 11:14 am
7) 110407.D LCS2-34298	8081_8082A_608.M	23	1.000	04 Nov 2021 11:24 am
8) 110408.D 2111050-017A	8081_8082A_608.M	24	1.000	04 Nov 2021 11:33 am
9) 110409.D 2111050-017AMS	8081_8082A_608.M	25	1.000	04 Nov 2021 11:43 am
10) 110410.D 2111050-017AMSD	8081_8082A_608.M	26	1.000	04 Nov 2021 11:53 am
11) 110411.D 2110473-001A	8081_8082A_608.M	27	1.000	04 Nov 2021 12:03 pm
12) 110412.D 2110473-005A	8081_8082A_608.M	28	1.000	04 Nov 2021 12:12 pm
13) 110413.D 2110473-007A	8081_8082A_608.M	29	1.000	04 Nov 2021 12:22 pm
14) 110414.D 2110473-010A	8081_8082A_608.M	30	1.000	04 Nov 2021 12:32 pm
15) 110415.D CO	8081_8082A_608.M	7	1.000	04 Nov 2021 12:42 pm
16) 110416.D 1660-CCV-	8081_8082A_608.M	6	1.000	04 Nov 2021 12:51 pm
17) 110417.D 1254-CCV-	8081_8082A_608.M	7	1.000	04 Nov 2021 01:01 pm
18) 110418.D MB-34298	8081_8082A_608.M	31	1.000	04 Nov 2021 01:11 pm
19) 110419.D LCS1-34298	8081_8082A_608.M	32	1.000	04 Nov 2021 01:21 pm
20) 110420.D LCS2-34298	8081_8082A_608.M	33	1.000	04 Nov 2021 01:30 pm
21) 110421.D 2111050-017A	8081_8082A_608.M	34	1.000	04 Nov 2021 01:40 pm

22) 110422.D	8081_8082A_608.M	35	1.000	04 Nov 2021	01:50 pm
2111050-017AMS					
23) 110423.D	8081_8082A_608.M	36	1.000	04 Nov 2021	02:00 pm
2111050-017AMSD					
24) 110424.D	8081_8082A_608.M	37	1.000	04 Nov 2021	02:09 pm
2110520-021A					
25) 110425.D	8081_8082A_608.M	38	1.000	04 Nov 2021	02:19 pm
2110520-022A					
26) 110426.D	8081_8082A_608.M	39	1.000	04 Nov 2021	02:29 pm
2110520-023A					
27) 110427.D	8081_8082A_608.M	40	1.000	04 Nov 2021	02:39 pm
2110520-033A					
28) 110428.D	8081_8082A_608.M	41	1.000	04 Nov 2021	02:48 pm
2110520-039A					
29) 110429.D	8081_8082A_608.M	42	1.000	04 Nov 2021	02:58 pm
2110520-040A					
30) 110430.D	8081_8082A_608.M	43	1.000	04 Nov 2021	03:08 pm
2110473-002A					
31) 110431.D	8081_8082A_608.M	44	1.000	04 Nov 2021	03:18 pm
2110473-004A					
32) 110432.D	8081_8082A_608.M	45	1.000	04 Nov 2021	03:27 pm
2110473-008A					
33) 110433.D	8081_8082A_608.M	46	1.000	04 Nov 2021	03:37 pm
2110473-011A					
34) 110434.D	8081_8082A_608.M	47	1.000	04 Nov 2021	03:47 pm
2110473-013A					
35) 110435.D	8081_8082A_608.M	48	1.000	04 Nov 2021	03:57 pm
2110473-014A					
36) 110436.D	8081_8082A_608.M	49	1.000	04 Nov 2021	04:06 pm
2110504-001A					
37) 110437.D	8081_8082A_608.M	50	1.000	04 Nov 2021	04:16 pm
2110504-002A					
38) 110438.D	8081_8082A_608.M	51	1.000	04 Nov 2021	04:26 pm
2110504-003A					
39) 110439.D	8081_8082A_608.M	7	1.000	04 Nov 2021	04:35 pm
CO					
40) 110440.D	8081_8082A_608.M	6	1.000	04 Nov 2021	04:45 pm
1660-CCV-					
41) 110441.D	8081_8082A_608.M	7	1.000	04 Nov 2021	04:55 pm
1254-CCV-					
42) 110442.D	8081_8082A_608.M	61	1.000	04 Nov 2021	05:05 pm
MB-34318					
43) 110443.D	8081_8082A_608.M	62	1.000	04 Nov 2021	05:14 pm
LCS1-34318					
44) 110444.D	8081_8082A_608.M	63	1.000	04 Nov 2021	05:24 pm
LCS2-34318					
45) 110445.D	8081_8082A_608.M				

2110504-004A		64	1.000	04 Nov 2021	05:34 pm
46) 110446.D	8081_8082A_608.M				
2110504-004AMS		65	1.000	04 Nov 2021	05:44 pm
47) 110447.D	8081_8082A_608.M				
2110504-004AMSD		66	1.000	04 Nov 2021	05:53 pm
48) 110448.D	8081_8082A_608.M				
CO		4	1.000	04 Nov 2021	06:03 pm
49) 110449.D	8081_8082A_608.M				
1660-CCV-		6	1.000	04 Nov 2021	06:13 pm
50) 110450.D	8081_8082A_608.M				
1254-CCV-		7	1.000	04 Nov 2021	06:23 pm
51) 110501.D	8081_8082A_608.M				
CO		6	1.000	05 Nov 2021	02:00 pm
52) 110502.D	8081_8082A_608.M				
1254-CCV-		7	1.000	05 Nov 2021	02:10 pm
53) 110503.D	8081_8082A_608.M				
2110520-039A 10X		52	1.000	05 Nov 2021	02:23 pm
54) 110504.D	8081_8082A_608.M				
1254-CCV-		7	1.000	05 Nov 2021	02:33 pm

Data Directory: D:\GC-16\Data\2021\110921\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 110901.D CO	8081_8082A_608.M	6	1.000	09 Nov 2021 08:33 am
2) 110902.D CO	8081_8082A_608.M	7	1.000	09 Nov 2021 08:42 am
3) 110903.D 1660-CCV-	8081_8082A_608.M	6	1.000	09 Nov 2021 08:52 am
4) 110904.D 1254-CCV-	8081_8082A_608.M	7	1.000	09 Nov 2021 09:02 am
5) 110905.D MB-34353	8081_8082A_608.M	101	1.000	09 Nov 2021 09:42 am
6) 110906.D LCS1-34353	8081_8082A_608.M	102	1.000	09 Nov 2021 09:51 am
7) 110907.D LCS2-34353	8081_8082A_608.M	103	1.000	09 Nov 2021 10:01 am
8) 110908.D 2111107-001A	8081_8082A_608.M	112	1.000	09 Nov 2021 10:11 am
9) 110909.D 2111060-001A	8081_8082A_608.M	104	1.000	09 Nov 2021 10:21 am
10) 110910.D 2111060-001AMS	8081_8082A_608.M	105	1.000	09 Nov 2021 10:30 am
11) 110911.D 2111060-001AMSD	8081_8082A_608.M	106	1.000	09 Nov 2021 10:40 am
12) 110912.D 2111060-002A	8081_8082A_608.M	107	1.000	09 Nov 2021 10:50 am
13) 110913.D 2111060-003A	8081_8082A_608.M	108	1.000	09 Nov 2021 11:00 am
14) 110914.D 2111060-004A	8081_8082A_608.M	109	1.000	09 Nov 2021 11:09 am
15) 110915.D 2111060-005A	8081_8082A_608.M	110	1.000	09 Nov 2021 11:19 am
16) 110916.D 2111060-006A	8081_8082A_608.M	111	1.000	09 Nov 2021 11:29 am
17) 110917.D CO	8081_8082A_608.M	7	1.000	09 Nov 2021 11:39 am
18) 110918.D 1660-CCV-	8081_8082A_608.M	6	1.000	09 Nov 2021 11:48 am
19) 110919.D 1254-CCV-	8081_8082A_608.M	7	1.000	09 Nov 2021 11:58 am
20) 110920.D MB-34360	8081_8082A_608.M	71	1.000	09 Nov 2021 12:17 pm
21) 110921.D LCS1-34360	8081_8082A_608.M	72	1.000	09 Nov 2021 12:26 pm

22) 110922.D LCS2-34360	8081_8082A_608.M	73	1.000	09 Nov 2021	12:36 pm
23) 110923.D 2110520-026A	8081_8082A_608.M	74	1.000	09 Nov 2021	12:46 pm
24) 110924.D 2110520-026AMS	8081_8082A_608.M	75	1.000	09 Nov 2021	12:56 pm
25) 110925.D 2110520-026AMSD	8081_8082A_608.M	76	1.000	09 Nov 2021	01:05 pm
26) 110926.D 2110520-031A	8081_8082A_608.M	77	1.000	09 Nov 2021	01:15 pm
27) 110927.D 2110520-042A	8081_8082A_608.M	78	1.000	09 Nov 2021	01:25 pm
28) 110928.D 2110387-002A	8081_8082A_608.M	79	1.000	09 Nov 2021	01:35 pm
29) 110929.D 2111182-001A	8081_8082A_608.M	80	1.000	09 Nov 2021	01:44 pm
30) 110930.D CO	8081_8082A_608.M	6	1.000	09 Nov 2021	01:54 pm
31) 110931.D 1660-CCV-	8081_8082A_608.M	6	1.000	09 Nov 2021	02:04 pm
32) 110932.D 1254-CCV-	8081_8082A_608.M	7	1.000	09 Nov 2021	02:14 pm

Data Directory: D:\GC-16\Data\2021\111721\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 111701.D CO	8081_8082A_608.M	6	1.000	17 Nov 2021 09:26 am
2) 111702.D 1660 10	8081_8082A_608.M	11	1.000	17 Nov 2021 09:36 am
3) 111703.D 1660 20	8081_8082A_608.M	12	1.000	17 Nov 2021 09:45 am
4) 111704.D 1660 50	8081_8082A_608.M	13	1.000	17 Nov 2021 09:55 am
5) 111705.D 1660 100	8081_8082A_608.M	14	1.000	17 Nov 2021 10:05 am
6) 111706.D 1660 200	8081_8082A_608.M	15	1.000	17 Nov 2021 10:15 am
7) 111707.D 1660 500	8081_8082A_608.M	16	1.000	17 Nov 2021 10:24 am
8) 111708.D 1660 1000	8081_8082A_608.M	17	1.000	17 Nov 2021 10:34 am
9) 111709.D 1660 2000	8081_8082A_608.M	18	1.000	17 Nov 2021 10:44 am
10) 111710.D 1660 ICB	8081_8082A_608.M	19	1.000	17 Nov 2021 10:53 am
11) 111711.D 1660 ICV	8081_8082A_608.M	20	1.000	17 Nov 2021 11:03 am
12) 111712.D 1254 10	8081_8082A_608.M	21	1.000	17 Nov 2021 11:13 am
13) 111713.D 1254 20	8081_8082A_608.M	22	1.000	17 Nov 2021 11:22 am
14) 111714.D 1254 50	8081_8082A_608.M	23	1.000	17 Nov 2021 11:32 am
15) 111715.D 1254 100	8081_8082A_608.M	24	1.000	17 Nov 2021 11:42 am
16) 111716.D 1254 200	8081_8082A_608.M	25	1.000	17 Nov 2021 11:52 am
17) 111717.D 1254 500	8081_8082A_608.M	26	1.000	17 Nov 2021 12:01 pm
18) 111718.D 1254 1000	8081_8082A_608.M	27	1.000	17 Nov 2021 12:11 pm
19) 111719.D 1254 2000	8081_8082A_608.M	28	1.000	17 Nov 2021 12:21 pm
20) 111720.D 1254 ICB	8081_8082A_608.M	29	1.000	17 Nov 2021 12:30 pm
21) 111721.D 1254 ICV	8081_8082A_608.M	30	1.000	17 Nov 2021 12:40 pm

22)	111722.D	8081_8082A_608.M	31	1.000	17 Nov 2021	12:50	pm
23)	111723.D	8081_8082A_608.M	32	1.000	17 Nov 2021	01:00	pm
24)	111724.D	8081_8082A_608.M	33	1.000	17 Nov 2021	01:09	pm
25)	111725.D	8081_8082A_608.M	34	1.000	17 Nov 2021	01:19	pm
26)	111726.D	8081_8082A_608.M	35	1.000	17 Nov 2021	01:29	pm
27)	111727.D	8081_8082A_608.M	36	1.000	17 Nov 2021	01:39	pm
28)	111728.D	8081_8082A_608.M	37	1.000	17 Nov 2021	01:48	pm
29)	111729.D	8081_8082A_608.M	38	1.000	17 Nov 2021	01:58	pm
30)	111730.D	8081_8082A_608.M	39	1.000	17 Nov 2021	02:08	pm
31)	111731.D	8081_8082A_608.M	40	1.000	17 Nov 2021	02:17	pm
32)	111732.D	8081_8082A_608.M	6	1.000	17 Nov 2021	02:27	pm
33)	111733.D	8081_8082A_608.M	7	1.000	17 Nov 2021	02:37	pm
34)	111734.D	8081_8082A_608.M	8	1.000	17 Nov 2021	02:47	pm
35)	111735.D	8081_8082A_608.M	41	1.000	17 Nov 2021	02:56	pm
36)	111736.D	8081_8082A_608.M	42	1.000	17 Nov 2021	03:06	pm
37)	111737.D	8081_8082A_608.M	43	1.000	17 Nov 2021	03:16	pm
38)	111738.D	8081_8082A_608.M	44	1.000	17 Nov 2021	03:26	pm
39)	111739.D	8081_8082A_608.M	45	1.000	17 Nov 2021	03:35	pm
40)	111740.D	8081_8082A_608.M	46	1.000	17 Nov 2021	03:45	pm
41)	111741.D	8081_8082A_608.M	47	1.000	17 Nov 2021	03:55	pm
42)	111742.D	8081_8082A_608.M	48	1.000	17 Nov 2021	04:04	pm
43)	111743.D	8081_8082A_608.M	6	1.000	17 Nov 2021	04:14	pm
44)	111744.D	8081_8082A_608.M	7	1.000	17 Nov 2021	04:24	pm
45)	111745.D	8081_8082A_608.M					

1221-CCV		8	1.000	17 Nov 2021	04:34	pm
46) 111746.D	8081_8082A_608.M					
MB-34460		51	1.000	17 Nov 2021	04:43	pm
47) 111747.D	8081_8082A_608.M					
LC1-34460		52	1.000	17 Nov 2021	04:53	pm
48) 111748.D	8081_8082A_608.M					
LCS1D-34460		53	1.000	17 Nov 2021	05:03	pm
49) 111749.D	8081_8082A_608.M					
LCS2-34460		54	1.000	17 Nov 2021	05:12	pm
50) 111750.D	8081_8082A_608.M					
LCS-LL-34460		55	1.000	17 Nov 2021	05:22	pm
51) 111751.D	8081_8082A_608.M					
2111233-001A		56	1.000	17 Nov 2021	05:32	pm
52) 111752.D	8081_8082A_608.M					
2111234-001A		57	1.000	17 Nov 2021	05:42	pm
53) 111753.D	8081_8082A_608.M					
2111317-001A		58	1.000	17 Nov 2021	05:51	pm
54) 111754.D	8081_8082A_608.M					
2111318-001A		59	1.000	17 Nov 2021	06:01	pm
55) 111755.D	8081_8082A_608.M					
2111338-001D		60	1.000	17 Nov 2021	06:11	pm
56) 111756.D	8081_8082A_608.M					
2111339-001D		61	1.000	17 Nov 2021	06:20	pm
57) 111757.D	8081_8082A_608.M					
2111339-001DMS		62	1.000	17 Nov 2021	06:30	pm
58) 111758.D	8081_8082A_608.M					
CO		6	1.000	17 Nov 2021	06:40	pm
59) 111759.D	8081_8082A_608.M					
1660-CCV-		6	1.000	17 Nov 2021	06:50	pm
60) 111760.D	8081_8082A_608.M					
1254-CCV-		7	1.000	17 Nov 2021	06:59	pm
61) 111761.D	8081_8082A_608.M					
MB-34475		71	1.000	17 Nov 2021	07:09	pm
62) 111762.D	8081_8082A_608.M					
LCS1-34475		72	1.000	17 Nov 2021	07:19	pm
63) 111763.D	8081_8082A_608.M					
LCS2-34475		73	1.000	17 Nov 2021	07:29	pm
64) 111764.D	8081_8082A_608.M					
2111300-010A		74	1.000	17 Nov 2021	07:38	pm
65) 111765.D	8081_8082A_608.M					
2111300-010AMS		75	1.000	17 Nov 2021	07:48	pm
66) 111766.D	8081_8082A_608.M					
2111300-010AMSD		76	1.000	17 Nov 2021	07:58	pm
67) 111767.D	8081_8082A_608.M					
2111335-001A		77	1.000	17 Nov 2021	08:07	pm
68) 111768.D	8081_8082A_608.M					
2111335-002A		78	1.000	17 Nov 2021	08:17	pm

69) 111769.D 2111335-003A	8081_8082A_608.M	79	1.000	17 Nov 2021	08:27 pm
70) 111770.D CO	8081_8082A_608.M	7	1.000	17 Nov 2021	08:37 pm
71) 111771.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Nov 2021	08:46 pm
72) 111772.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Nov 2021	08:56 pm

Data Directory: D:\GC-16\Data\2021\112321\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 112301.D CO	8081_8082A_608.M	6	1.000	23 Nov 2021 09:06 am
2) 112302.D CO	8081_8082A_608.M	7	1.000	23 Nov 2021 09:16 am
3) 112303.D 1660-CCV-	8081_8082A_608.M	6	1.000	23 Nov 2021 09:26 am
4) 112304.D 1254-CCV-	8081_8082A_608.M	7	1.000	23 Nov 2021 09:36 am
5) 112305.D MB-34515	8081_8082A_608.M	21	1.000	23 Nov 2021 10:14 am
6) 112306.D LCS1-34515	8081_8082A_608.M	22	1.000	23 Nov 2021 10:24 am
7) 112307.D LCS1D-34515	8081_8082A_608.M	23	1.000	23 Nov 2021 10:33 am
8) 112308.D LCS2-34515	8081_8082A_608.M	24	1.000	23 Nov 2021 10:43 am
9) 112309.D LCS-LL-34515	8081_8082A_608.M	25	1.000	23 Nov 2021 10:53 am
10) 112310.D 2111424-001D	8081_8082A_608.M	26	1.000	23 Nov 2021 11:03 am
11) 112311.D 2111424-001DMS	8081_8082A_608.M	27	1.000	23 Nov 2021 11:12 am
12) 112312.D 2111425-001A	8081_8082A_608.M	28	1.000	23 Nov 2021 11:22 am
13) 112313.D 2111431-001D	8081_8082A_608.M	29	1.000	23 Nov 2021 11:32 am
14) 112314.D CO	8081_8082A_608.M	7	1.000	23 Nov 2021 11:41 am
15) 112315.D 1660-CCV-34515B	8081_8082A_608.M	6	1.000	23 Nov 2021 11:51 am
16) 112316.D 1254-CCV-34515B	8081_8082A_608.M	7	1.000	23 Nov 2021 12:01 pm
17) 112317.D MB-34536	8081_8082A_608.M	31	1.000	23 Nov 2021 12:11 pm
18) 112318.D LCS1-34536	8081_8082A_608.M	32	1.000	23 Nov 2021 12:20 pm
19) 112319.D LCS2-34536	8081_8082A_608.M	33	1.000	23 Nov 2021 12:30 pm
20) 112320.D 2110520-016A	8081_8082A_608.M	34	1.000	23 Nov 2021 12:40 pm
21) 112321.D 2110520-016AMS	8081_8082A_608.M	35	1.000	23 Nov 2021 12:49 pm

22) 112322.D	8081_8082A_608.M	36	1.000	23 Nov 2021	12:59 pm
2110520-016AMSD					
23) 112323.D	8081_8082A_608.M	37	1.000	23 Nov 2021	01:09 pm
2110520-017A					
24) 112324.D	8081_8082A_608.M	38	1.000	23 Nov 2021	01:19 pm
2110520-024A					
25) 112325.D	8081_8082A_608.M	39	1.000	23 Nov 2021	01:28 pm
2110520-034A					
26) 112326.D	8081_8082A_608.M	7	1.000	23 Nov 2021	01:38 pm
CO					
27) 112327.D	8081_8082A_608.M	6	1.000	23 Nov 2021	01:48 pm
1660-CCV-34515B					
28) 112328.D	8081_8082A_608.M	7	1.000	23 Nov 2021	01:57 pm
1254-CCV-34515B					



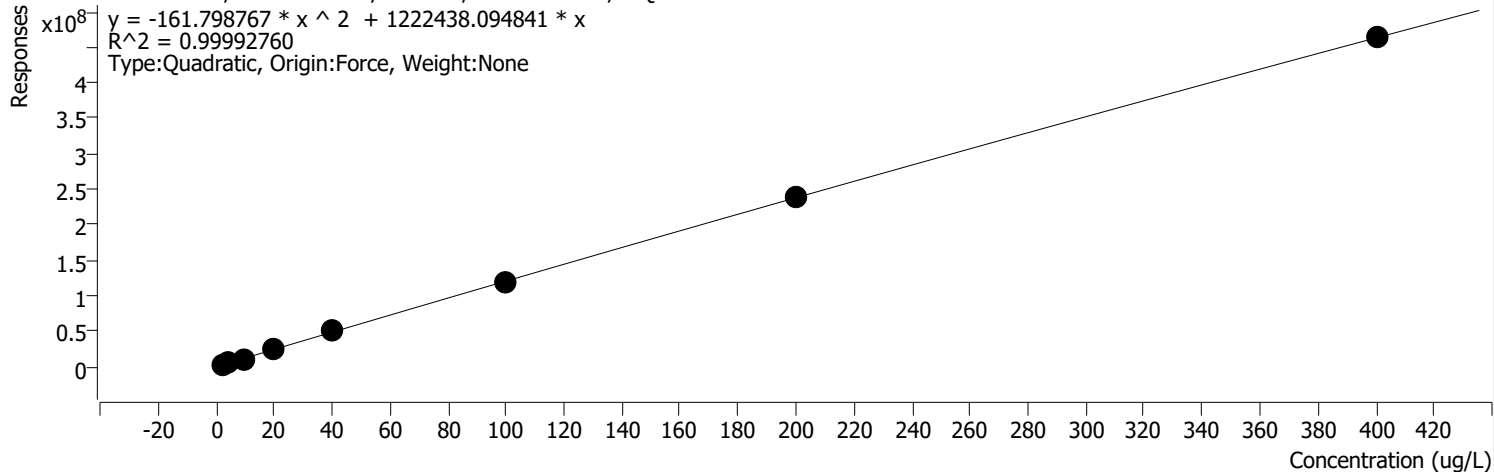
Calibration

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:22 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE =

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



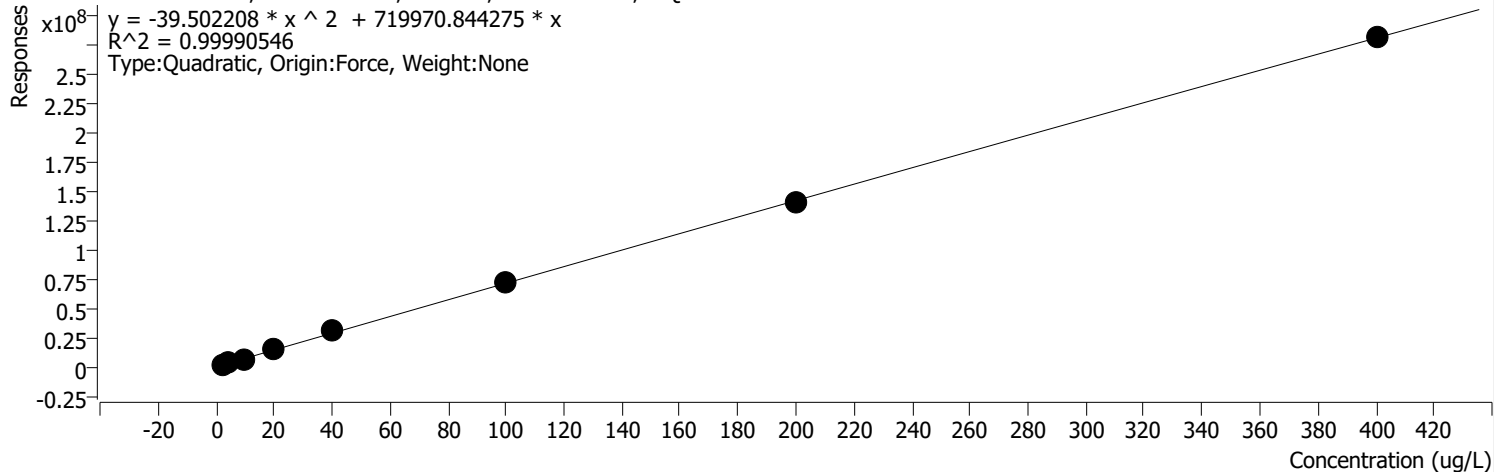
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	5501171	4.0000	1375292.7028	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	11449948	10.0000	1144994.7636	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	26421926	20.0000	1321096.2764	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	50798942	40.0000	1269973.5488	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	118768018	100.0000	1187680.1829	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	238292847	200.0000	1191464.2361	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	463107967	400.0000	1157769.9172	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE =

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

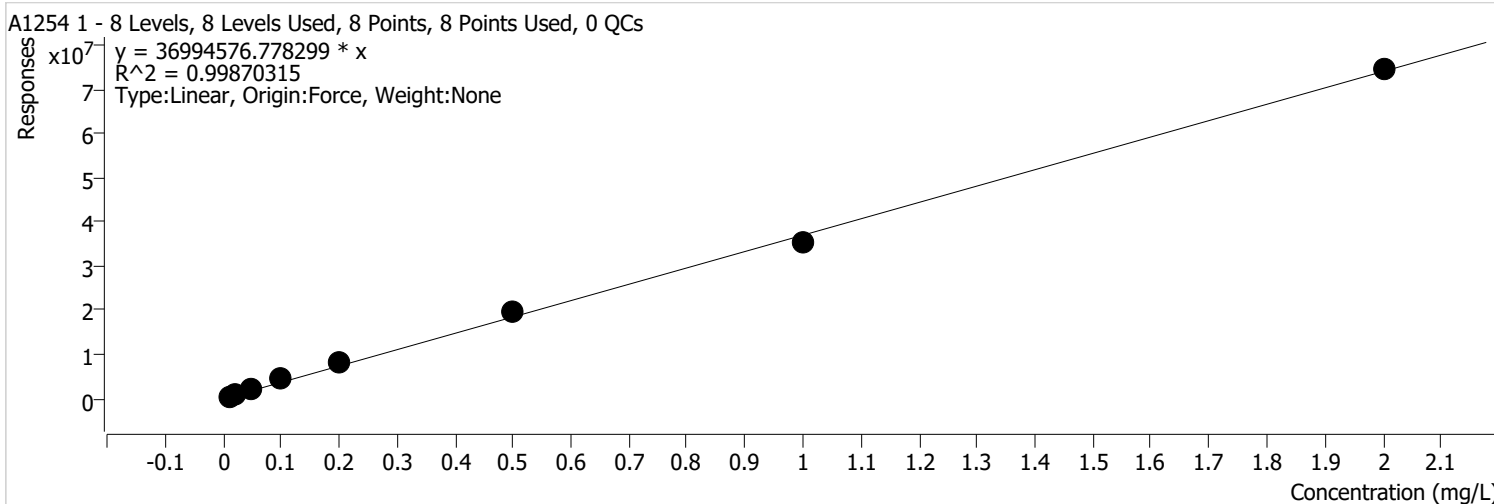


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	1453156	2.0000	726578.2 125	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	3470818	4.0000	867704.5 477	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	6955331	10.0000	695533.1 168	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	15983700	20.0000	799184.9 873	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	30416920	40.0000	760422.9 906	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	71319062	100.0000	713190.6 157	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	141716800	200.0000	708584.0 024	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	281839270	400.0000	704598.1 740	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE = 17.3



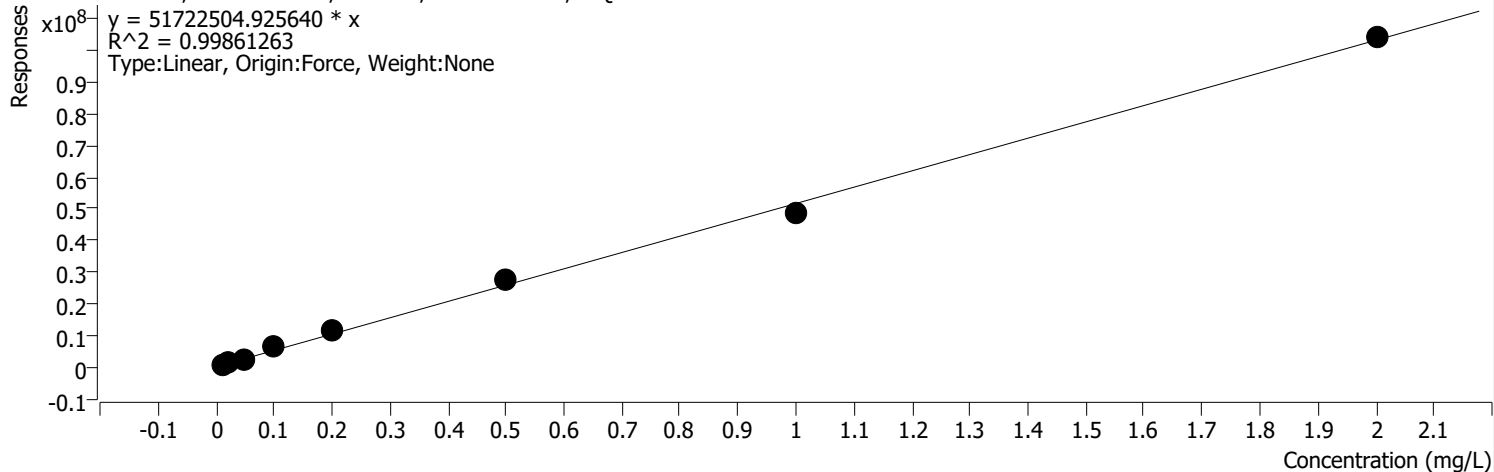
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	944393	0.0200	47219666 .5214	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	2057399	0.0500	41147983 .0597	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	4641418	0.1000	46414177 .6100	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	8328295	0.2000	41641475 .2047	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	19677294	0.5000	39354588 .7044	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	35378372	1.0000	35378372 .4367	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	74354852	2.0000	37177425 .9706	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 %RSE = 23.7

A1254 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



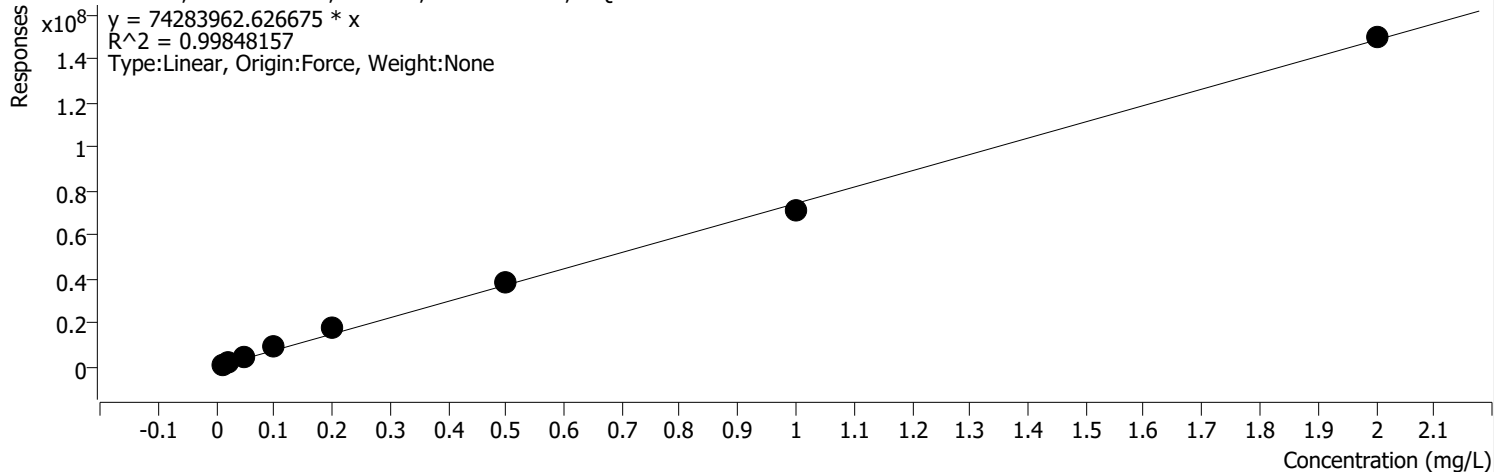
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	1367687	0.0200	68384349 .9245	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	2664818	0.0500	53296364 .1113	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	6329142	0.1000	63291424 .4759	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	11640085	0.2000	58200422 .9118	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	27312124	0.5000	54624248 .9388	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	49133781	1.0000	49133781 .3867	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	104182916	2.0000	52091458 .0906	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE = 25.3

A1254 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

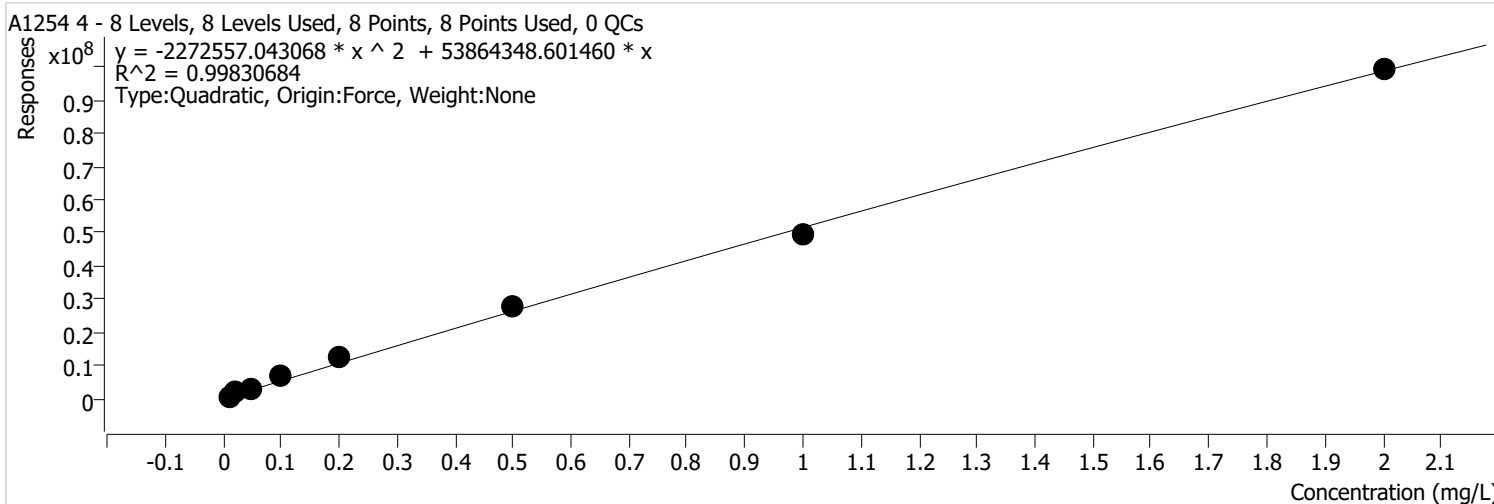


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D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	4041302	0.0500	80826030.1402	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	9199778	0.1000	91997781.0889	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	17458680	0.2000	87293400.7929	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	38943523	0.5000	77887045.9859	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	70621068	1.0000	70621068.4727	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	149584402	2.0000	74792201.0951	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 %RSE = 52.3



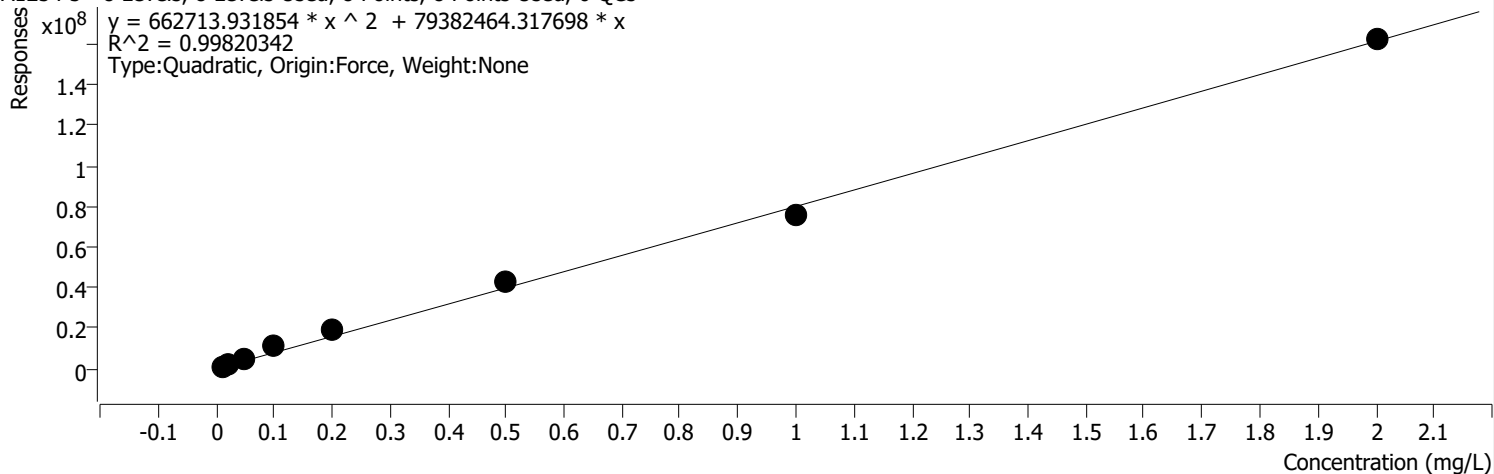
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	2228251	0.0200	11141256 5.2676	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	3069701	0.0500	61394028 .5651	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	6926129	0.1000	69261291 .2286	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	12565315	0.2000	62826573 .7891	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	27722398	0.5000	55444796 .4972	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	49512340	1.0000	49512340 .2188	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	99050337	2.0000	49525168 .4548	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE = 26.5

A1254 5 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

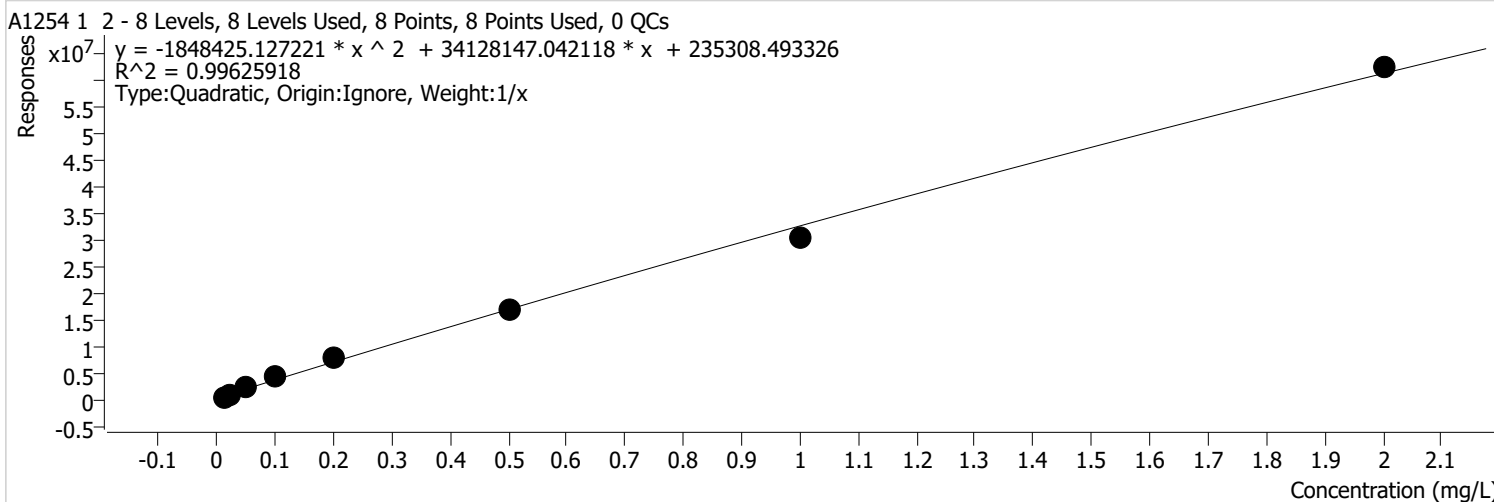


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	1020874	0.0100	10208741 9.6439	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	1993529	0.0200	99676448 .6731	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	4751353	0.0500	95027052 .3297	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	10753746	0.1000	10753746 2.2424	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	18860824	0.2000	94304119 .8496	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	42553518	0.5000	85107036 .1156	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	76327536	1.0000	76327535 .6302	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	162139523	2.0000	81069761 .2765	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 2 %RSE = 19.5

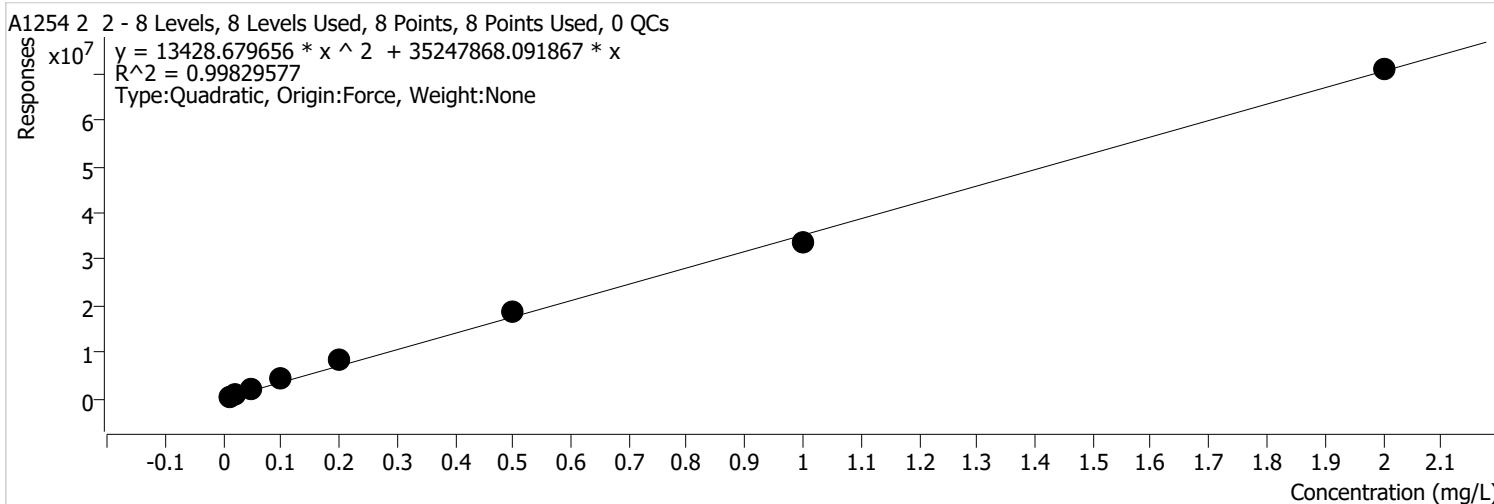


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	451635	0.0100	45163453 .5256	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	980612	0.0200	49030615 .3782	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	2054540	0.0500	41090799 .6005	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	4167153	0.1000	41671526 .9943	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	7671987	0.2000	38359936 .8127	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	16802254	0.5000	33604508 .3008	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	30206895	1.0000	30206895 .4610	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	62162404	2.0000	31081201 .7621	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 2 %RSE = 32.6

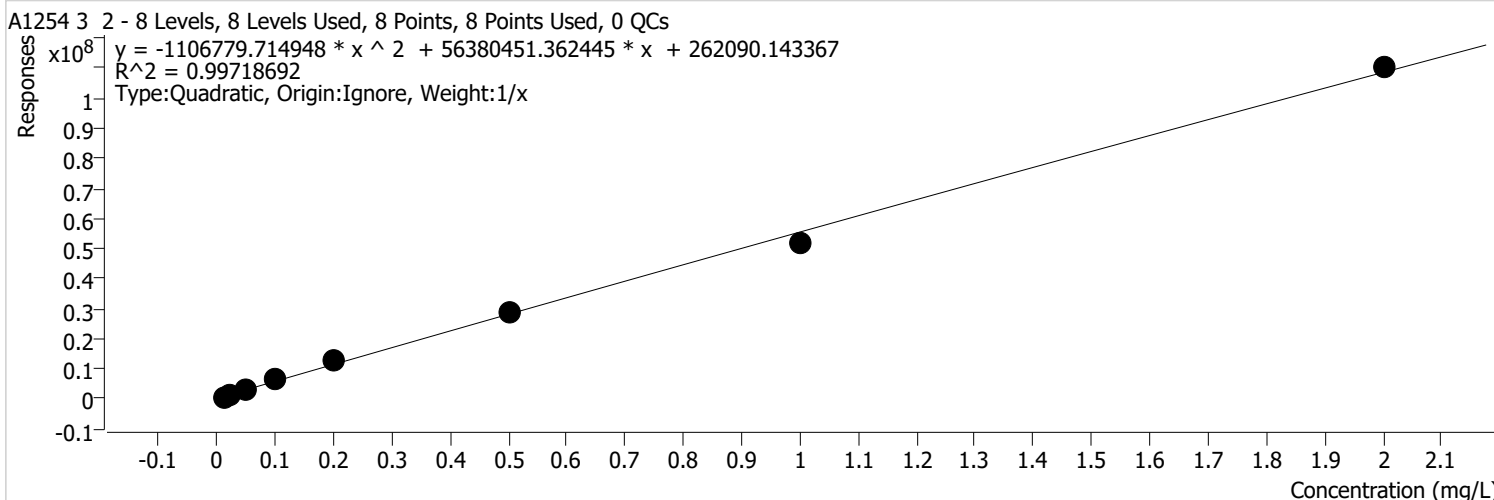


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	484954	0.0100	48495359 .5819	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	1059158	0.0200	52957882 .2088	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	1985173	0.0500	39703465 .3877	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	4492117	0.1000	44921173 .2075	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	8470833	0.2000	42354166 .5894	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	18772932	0.5000	37545863 .5221	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	33668459	1.0000	33668458 .8550	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	70859255	2.0000	35429627 .3418	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 2 %RSE = 13.0

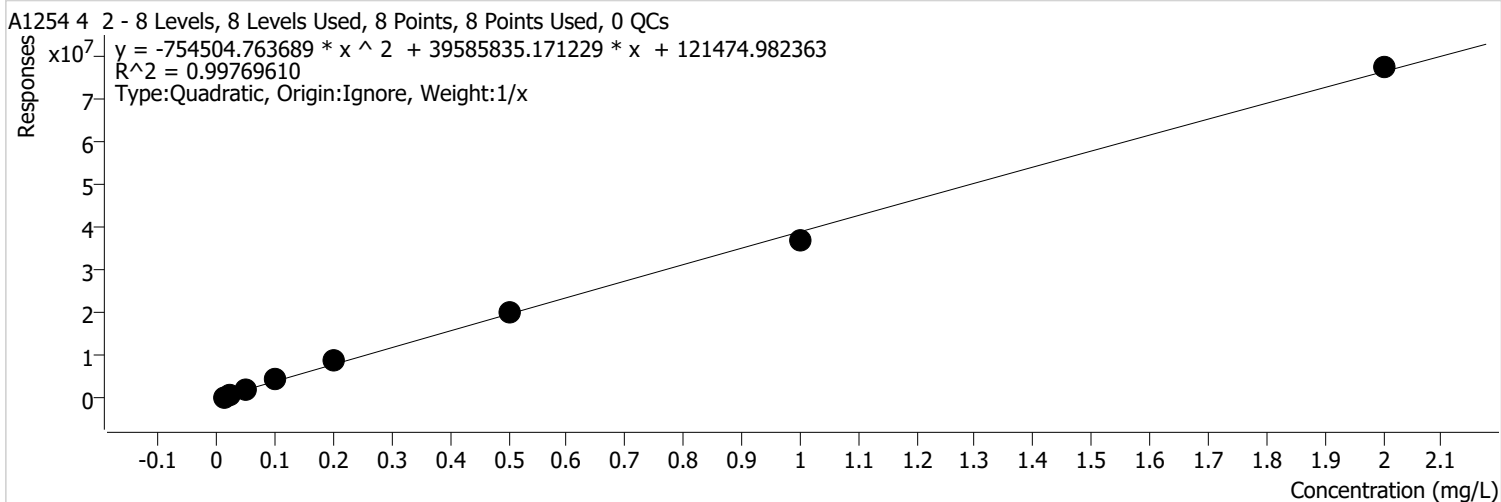


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	723400	0.0100	72339996 .2119	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	1487114	0.0200	74355714 .8858	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	2782341	0.0500	55646812 .4860	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	6610456	0.1000	66104564 .7499	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	12703123	0.2000	63515616 .9206	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	28576557	0.5000	57153114 .1770	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	51974329	1.0000	51974328 .6251	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	110126299	2.0000	55063149 .5740	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin		
Analysis Time	9/30/2021 1:22 PM	Analyst Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 1:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 4 2 %RSE = 12.5

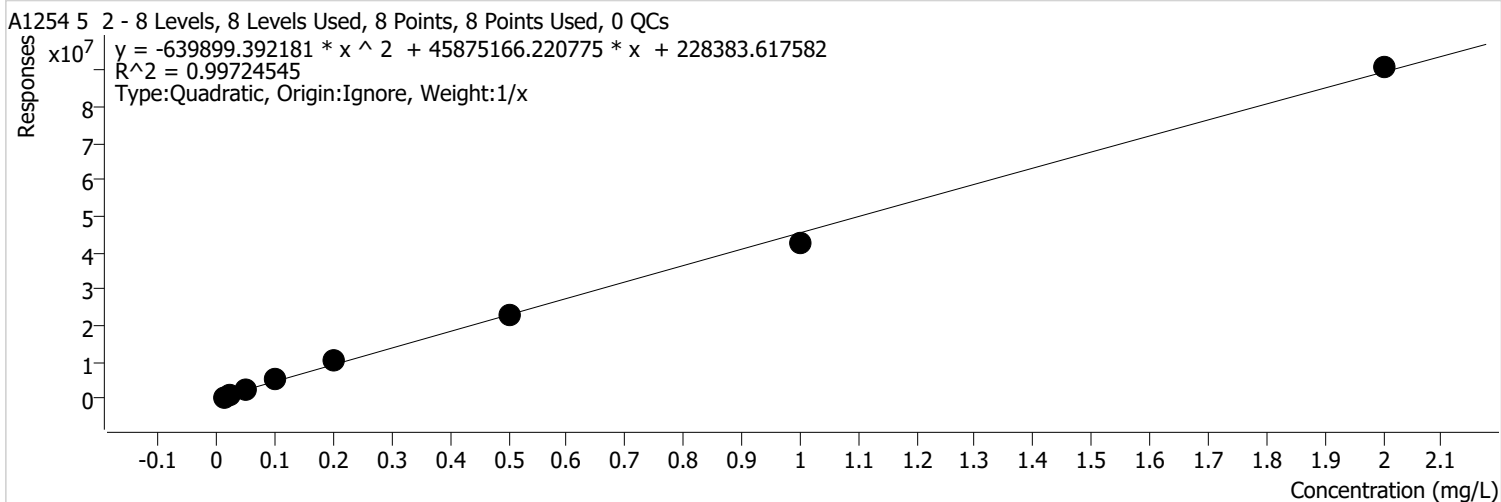


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	456167	0.0100	45616743 .7009	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	992137	0.0200	49606842 .0830	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	1842588	0.0500	36851751 .2082	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	4575383	0.1000	45753834 .9499	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	8666046	0.2000	43330229 .2589	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	20065006	0.5000	40130011 .3551	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	36769274	1.0000	36769274 .3145	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	77197100	2.0000	38598550 .1918	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 2 %RSE = 14.7



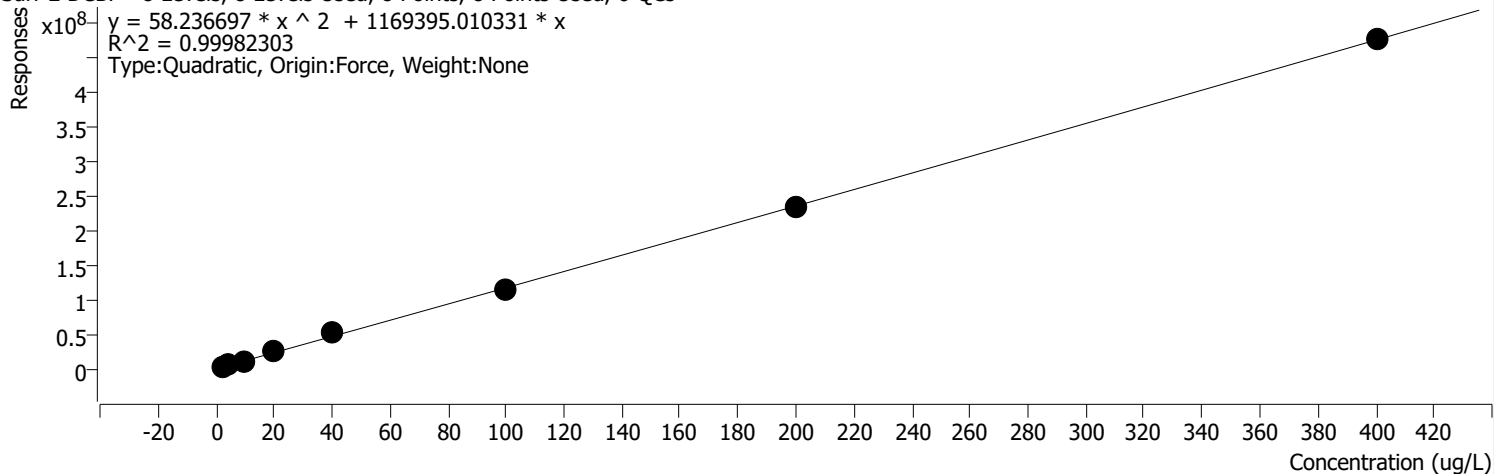
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	587780	0.0100	58778014 .6034	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	1251861	0.0200	62593052 .6812	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	2273246	0.0500	45464920 .7455	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	5477425	0.1000	54774254 .0032	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	10320059	0.2000	51600296 .6787	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	23147064	0.5000	46294128 .9996	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	42756438	1.0000	42756437 .7267	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	90615453	2.0000	45307726 .6005	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



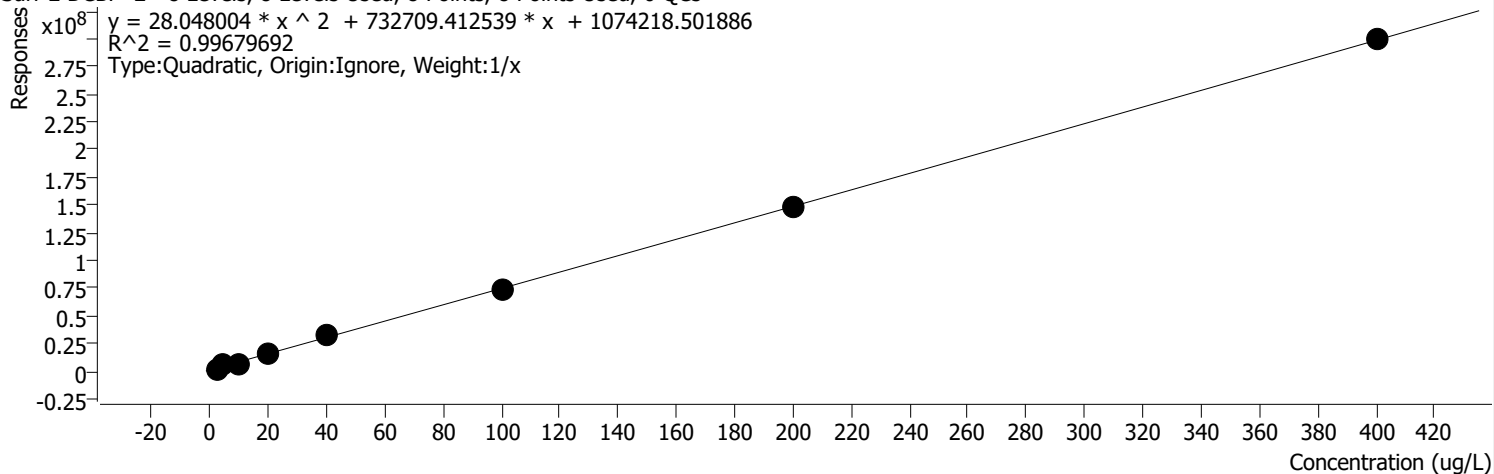
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	3183383	2.0000	1591691.4434	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	6037207	4.0000	1509301.7922	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	10717279	10.0000	1071727.9287	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	26213780	20.0000	1310688.9819	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	51148440	40.0000	1278710.9979	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	115483968	100.0000	1154839.6777	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	235688984	200.0000	1178444.9213	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	477283772	400.0000	1193209.4297	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE =

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



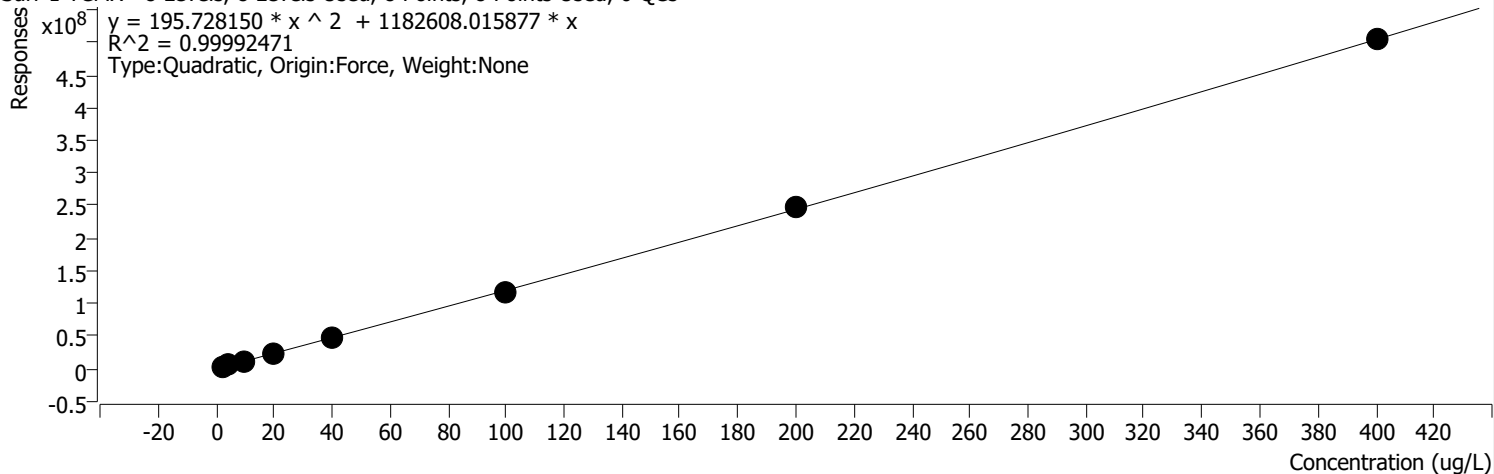
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	2044392	2.0000	1022196.0435	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	5552223	4.0000	1388055.6740	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	6444990	10.0000	644498.9905	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	16188871	20.0000	809443.5344	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	32492648	40.0000	812316.1880	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	73000396	100.0000	730003.9561	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	148348565	200.0000	741742.8246	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	299053711	400.0000	747634.2781	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:30 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX %RSE = 4.5

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

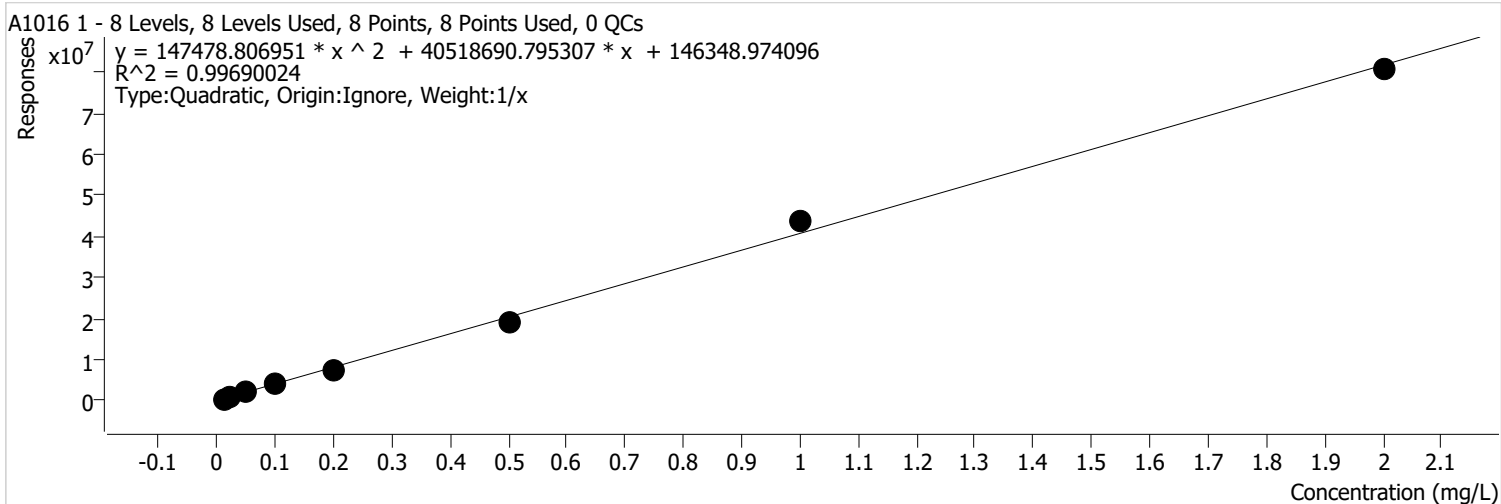


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	2474438	2.0000	1237219.1706	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	4987633	4.0000	1246908.2243	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	12384484	10.0000	1238448.4010	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	24518060	20.0000	1225902.9840	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	45851613	40.0000	1146290.3301	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	117657330	100.0000	1176573.3042	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	246692607	200.0000	1233463.0357	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	503949613	400.0000	1259874.0320	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 1 %RSE = 7.4

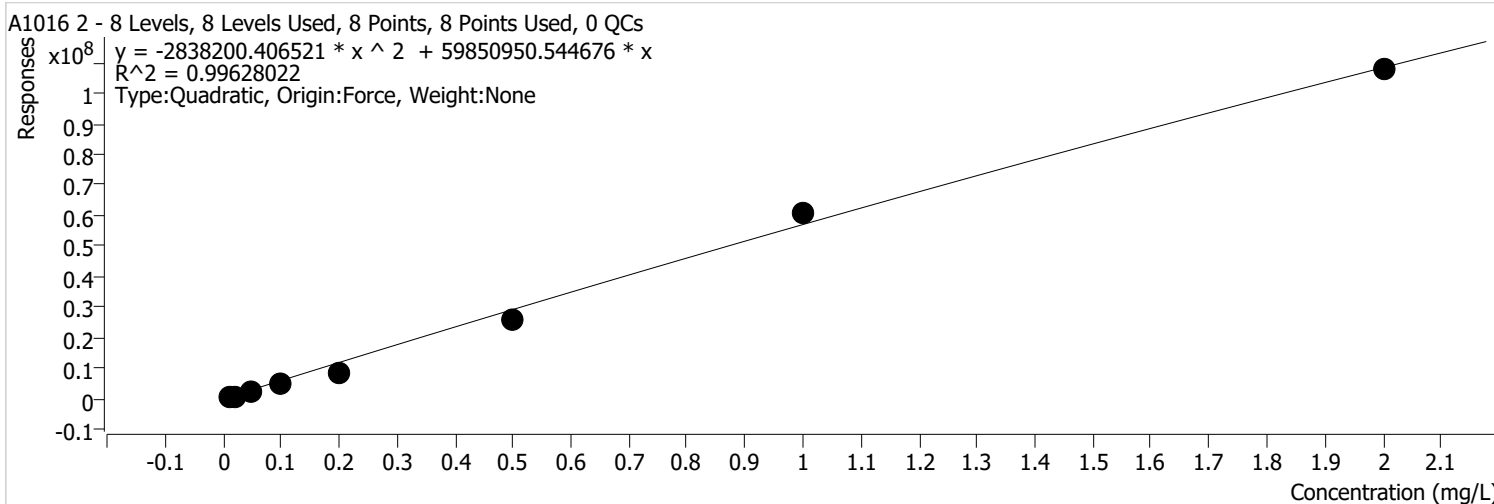


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	540249	0.0100	54024874.9832	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1015891	0.0200	50794541.9577	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2256885	0.0500	45137701.9491	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	4236470	0.1000	42364702.3382	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	7565183	0.2000	37825913.9081	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	18919821	0.5000	37839642.8154	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	44011403	1.0000	44011402.5153	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	80619491	2.0000	40309745.2835	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 %RSE = 18.4



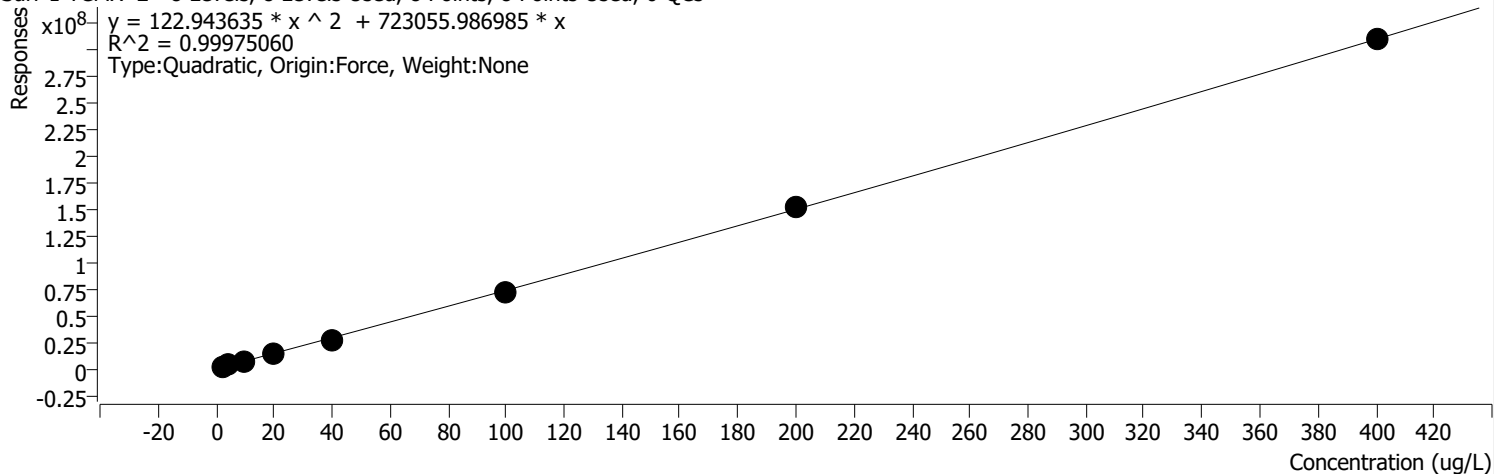
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	627978	0.0100	62797773 .7890	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1009212	0.0200	50460581 .6849	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2439382	0.0500	48787633 .7407	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	5094470	0.1000	50944700 .0329	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	8813052	0.2000	44065261 .7449	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	25705784	0.5000	51411568 .8418	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	60964923	1.0000	60964923 .3944	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	107613391	2.0000	53806695 .4342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX 2 %RSE = 4.8

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

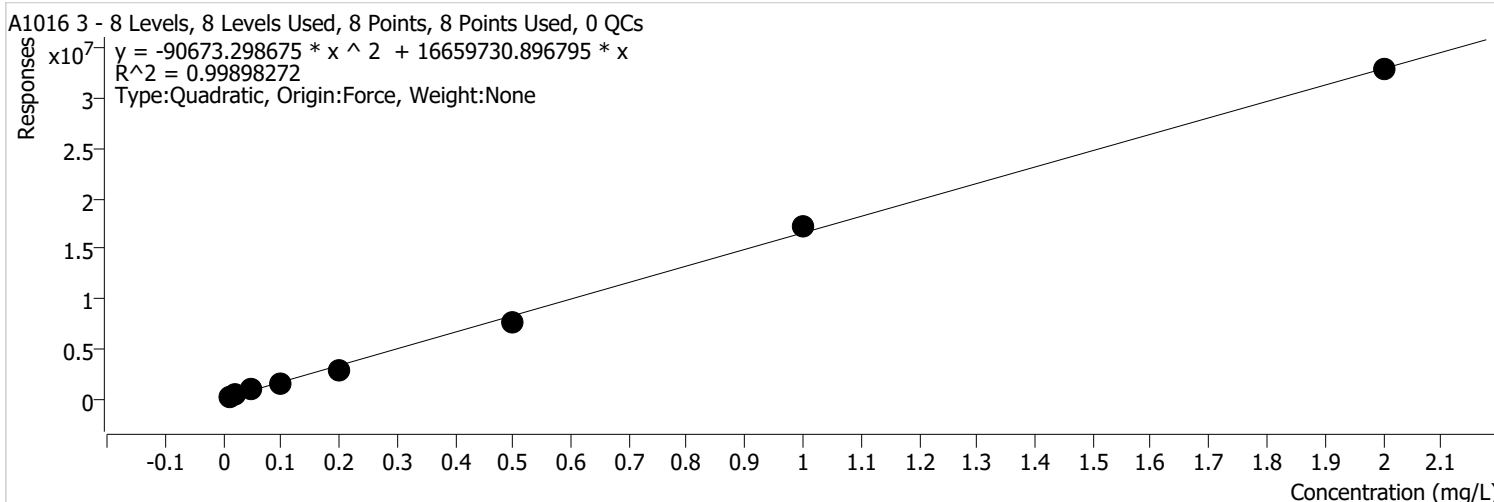


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	1503774	2.0000	751887.1 802	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	3067405	4.0000	766851.1 424	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	7327299	10.0000	732729.8 999	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	14477484	20.0000	723874.1 895	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	27169955	40.0000	679248.8 664	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	70673943	100.0000	706739.4 275	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	152366404	200.0000	761832.0 216	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	308382330	400.0000	770955.8 244	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 %RSE = 9.8



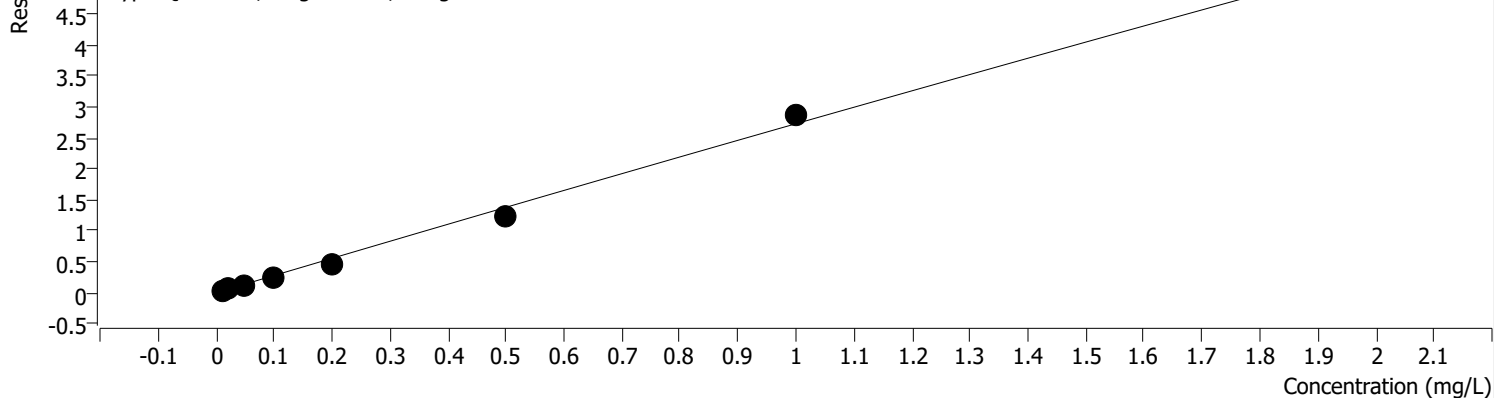
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	150518	0.0100	15051764 .4428	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	347023	0.0200	17351127 .6415	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	891972	0.0500	17839430 .6314	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	1592932	0.1000	15929318 .1107	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	2808702	0.2000	14043512 .2787	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	7760432	0.5000	15520863 .4808	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	17173897	1.0000	17173896 .8888	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	32845070	2.0000	16422535 .0625	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 %RSE = 9.8

A1016 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -614977.836996 * x^2 + 27899493.038181 * x$
 $R^2 = 0.99796716$
 Type:Quadratic, Origin:Force, Weight:None

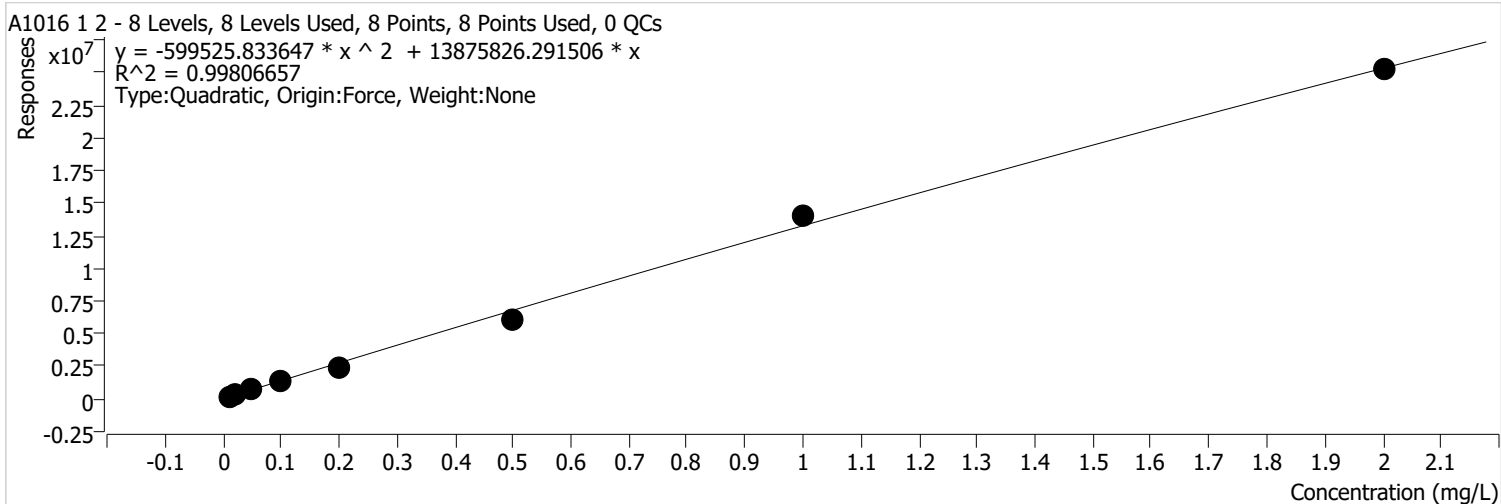


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	264805	0.0100	26480526 .0256	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	561269	0.0200	28063472 .0185	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1342581	0.0500	26851617 .8650	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	2651472	0.1000	26514719 .9651	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	4621923	0.2000	23109614 .1009	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	12370922	0.5000	24741844 .6725	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	28719583	1.0000	28719582 .8557	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	53079072	2.0000	26539535 .8344	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 2 %RSE = 12.0

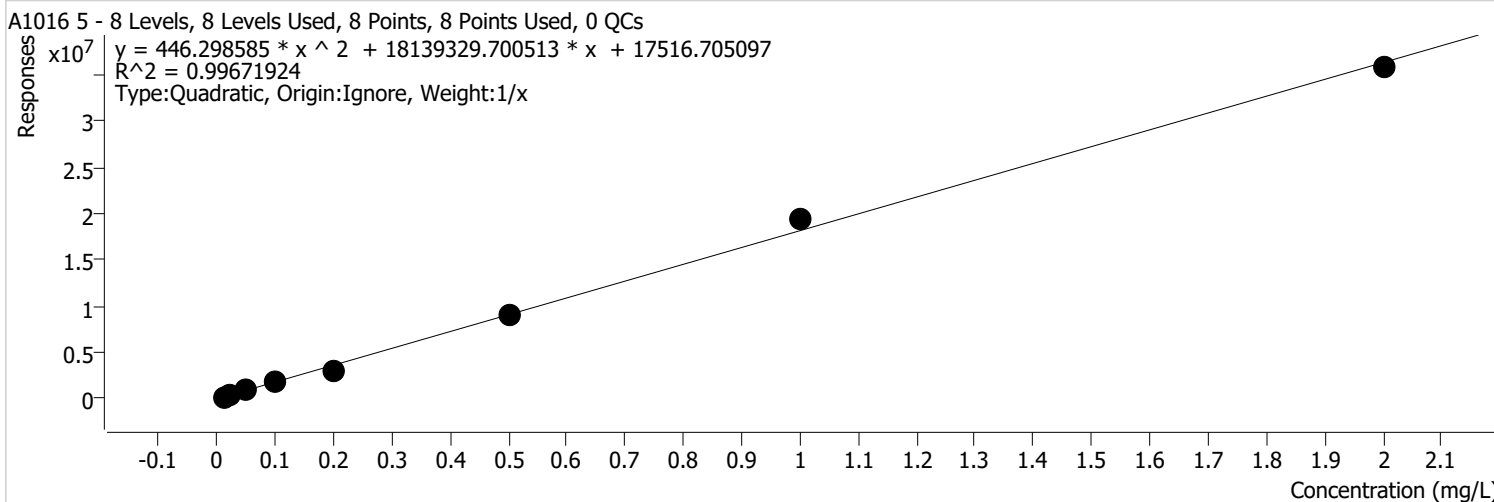


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	118129	0.0100	11812870 .0000	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	244314	0.0200	12215704 .7390	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	698533	0.0500	13970657 .9333	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	1290690	0.1000	12906899 .7625	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	2386611	0.2000	11933056 .9827	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	6093266	0.5000	12186532 .2497	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	13946998	1.0000	13946997 .5693	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	25233171	2.0000	12616585 .3501	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 %RSE = 11.1

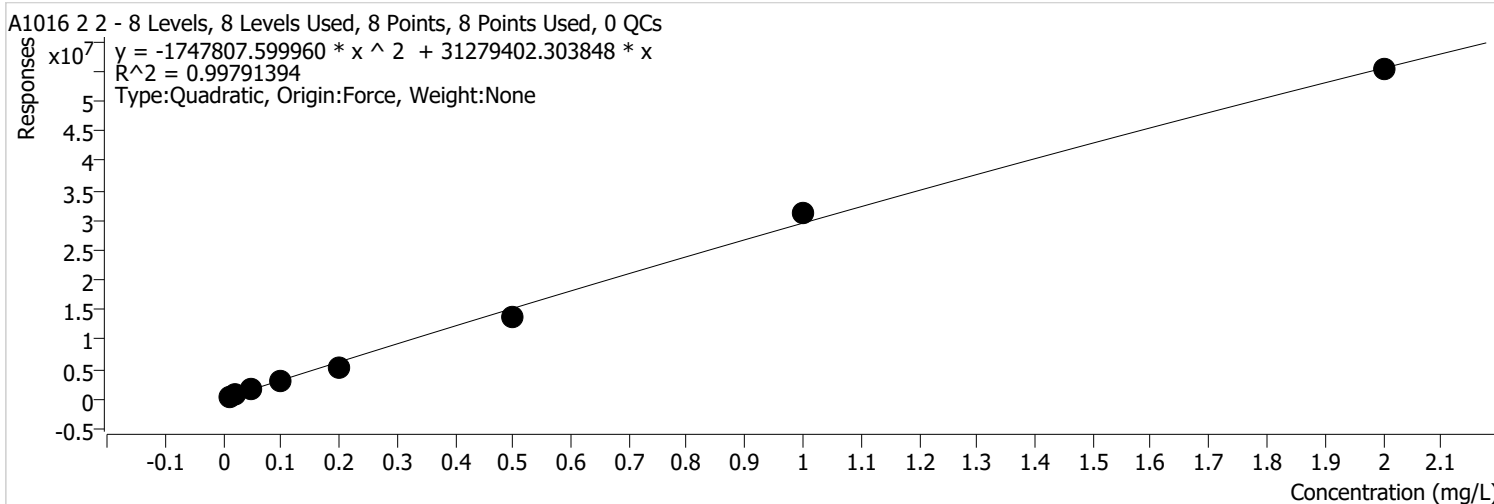


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	228423	0.0100	22842325 .0434	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	385241	0.0200	19262071 .5594	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	918195	0.0500	18363893 .8530	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	1732271	0.1000	17322706 .8867	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	3056648	0.2000	15283237 .9293	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	9003701	0.5000	18007401 .7278	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	19474641	1.0000	19474641 .2200	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	35723980	2.0000	17861989 .9337	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 2 2 %RSE = 14.0



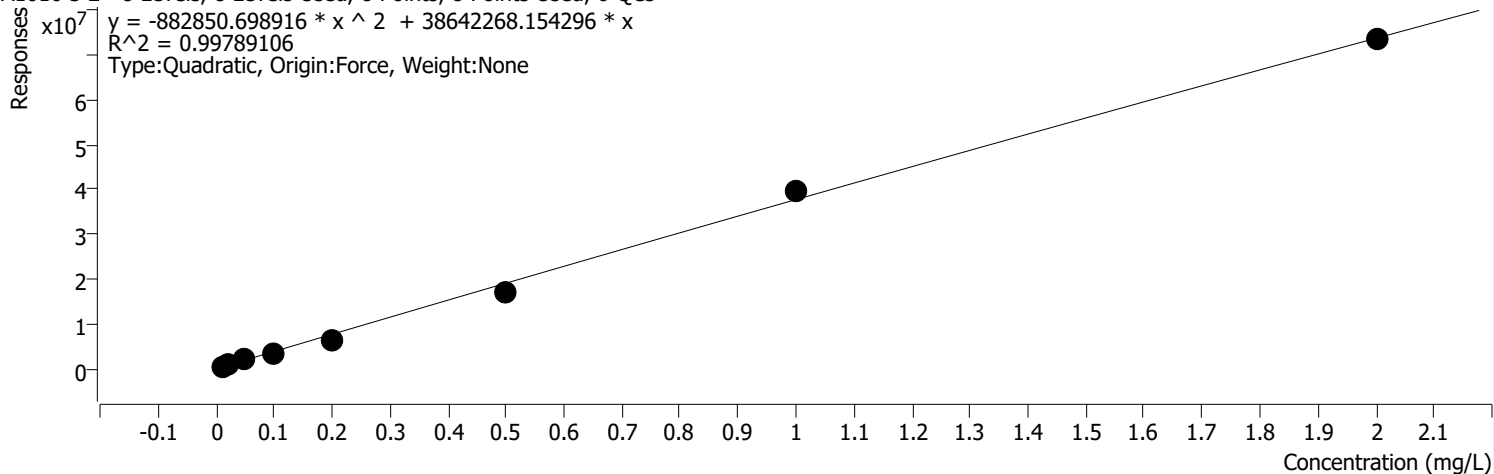
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	386077	0.0100	38607675 .4343	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	627581	0.0200	31379063 .7233	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1483941	0.0500	29678813 .0000	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	2919339	0.1000	29193390 .2500	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	5269785	0.2000	26348922 .8750	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	13662960	0.5000	27325920 .0000	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	31058385	1.0000	31058384 .5500	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	55291798	2.0000	27645899 .2000	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 3 2 %RSE = 18.0

A1016 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

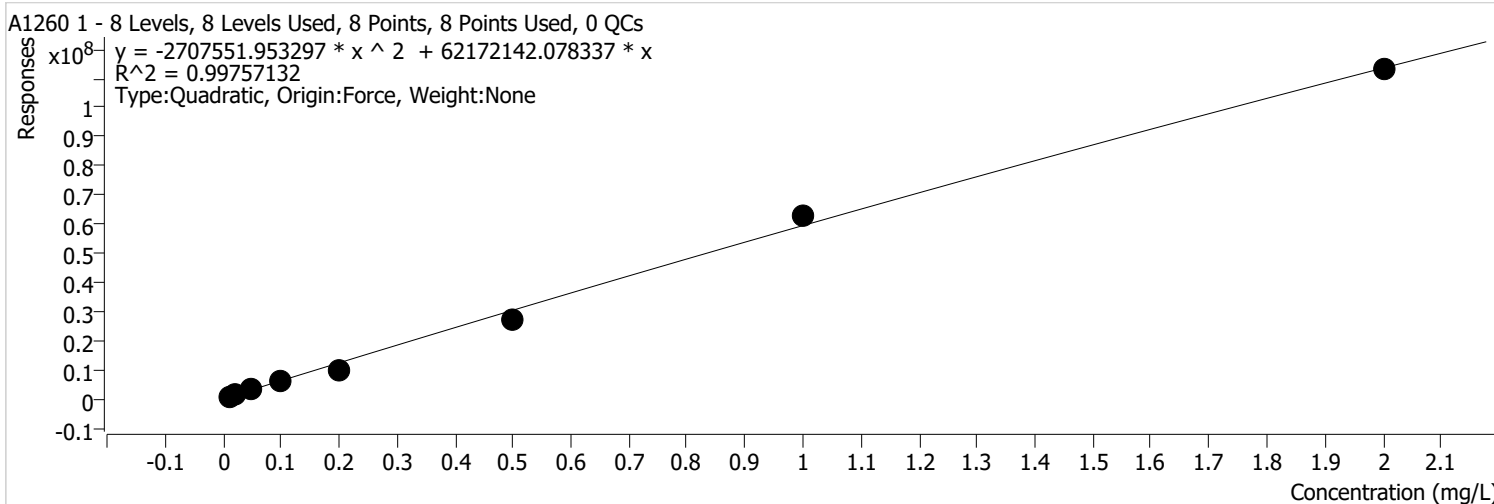


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	513215	0.0100	51321501.3373	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	851252	0.0200	42562596.9827	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1903978	0.0500	38079559.5011	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	3656426	0.1000	36564258.7508	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	6436607	0.2000	32183034.3425	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	17061022	0.5000	34122044.0001	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	39776008	1.0000	39776007.7546	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	73389516	2.0000	36694758.1582	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 %RSE = 10.9



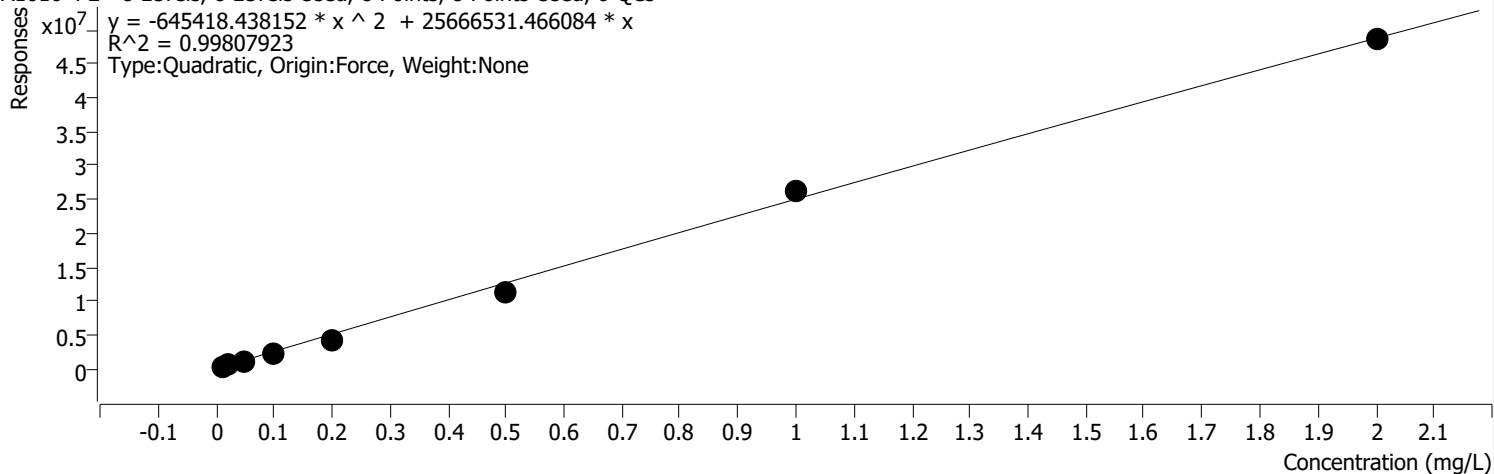
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	616855	0.0100	61685464 .6166	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1228008	0.0200	61400419 .3559	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2966130	0.0500	59322605 .6706	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	5874542	0.1000	58745416 .6504	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	9863955	0.2000	49319772 .7881	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	27258601	0.5000	54517202 .8499	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	62787763	1.0000	62787762 .9214	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	112905692	2.0000	56452845 .7869	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 2 %RSE = 12.0

A1016 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



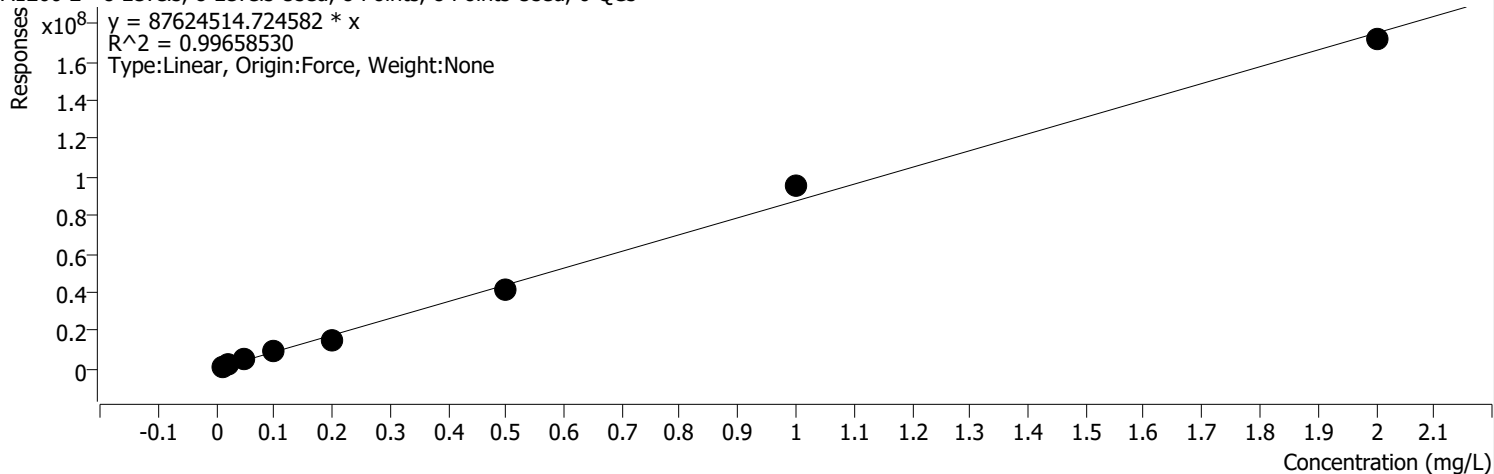
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	227079	0.0100	22707914 .1335	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	461159	0.0200	23057966 .0740	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1204375	0.0500	24087492 .4589	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	2346306	0.1000	23463058 .8477	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	4314034	0.2000	21570168 .5271	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	11406542	0.5000	22813084 .7129	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	26306607	1.0000	26306607 .1293	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	48517625	2.0000	24258812 .3796	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 2 %RSE = 8.8

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



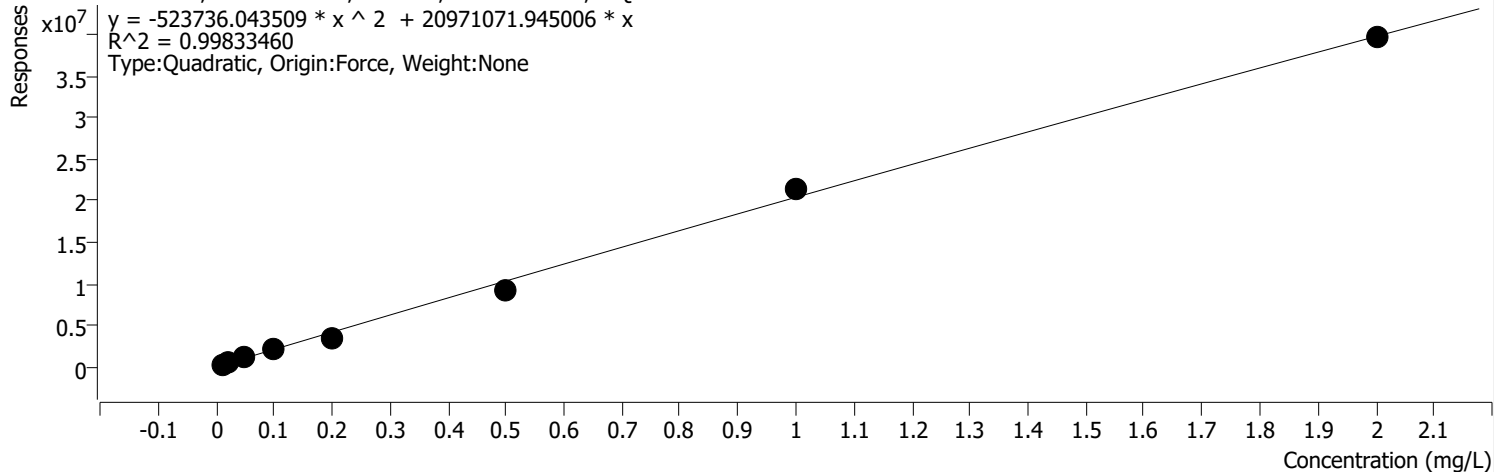
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	965094	0.0100	96509437 .2949	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1927415	0.0200	96370772 .9265	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	4578738	0.0500	91574756 .2738	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	8884910	0.1000	88849103 .4044	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	15527304	0.2000	77636521 .9623	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	41930524	0.5000	83861047 .8932	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	95966340	1.0000	95966339 .7632	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	171735056	2.0000	85867527 .9480	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 2 %RSE = 8.2

A1016 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



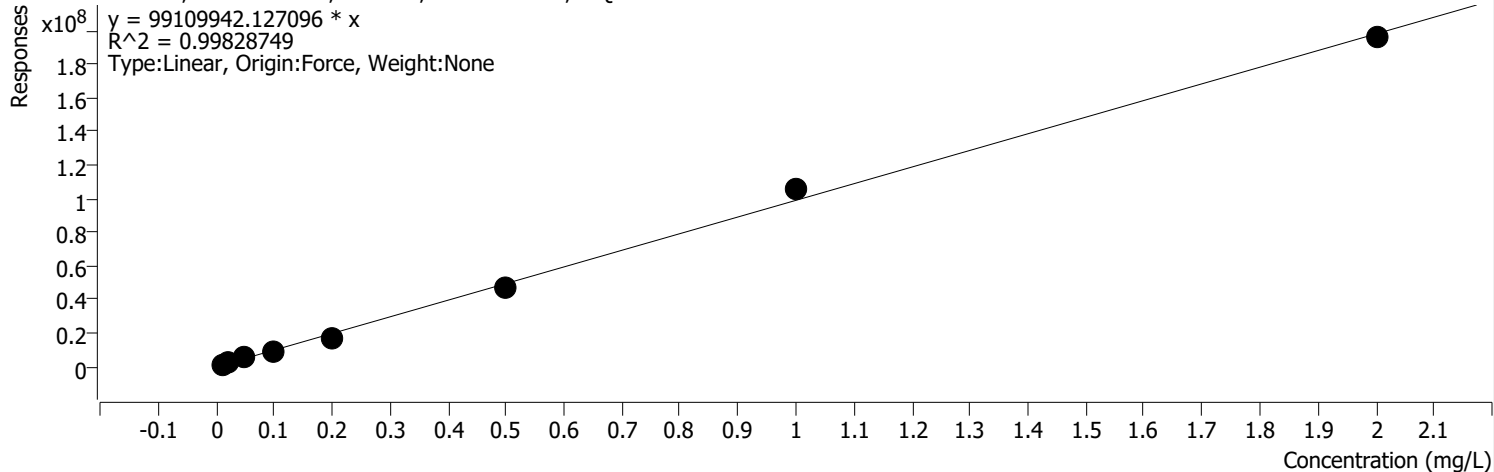
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	213435	0.0100	21343518 .4290	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	418158	0.0200	20907922 .1111	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1079679	0.0500	21593582 .7422	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	2073012	0.1000	20730121 .4273	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	3579738	0.2000	17898689 .6690	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	9357938	0.5000	18715876 .9715	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	21408890	1.0000	21408890 .3534	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	39675065	2.0000	19837532 .3619	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 %RSE = 6.4

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

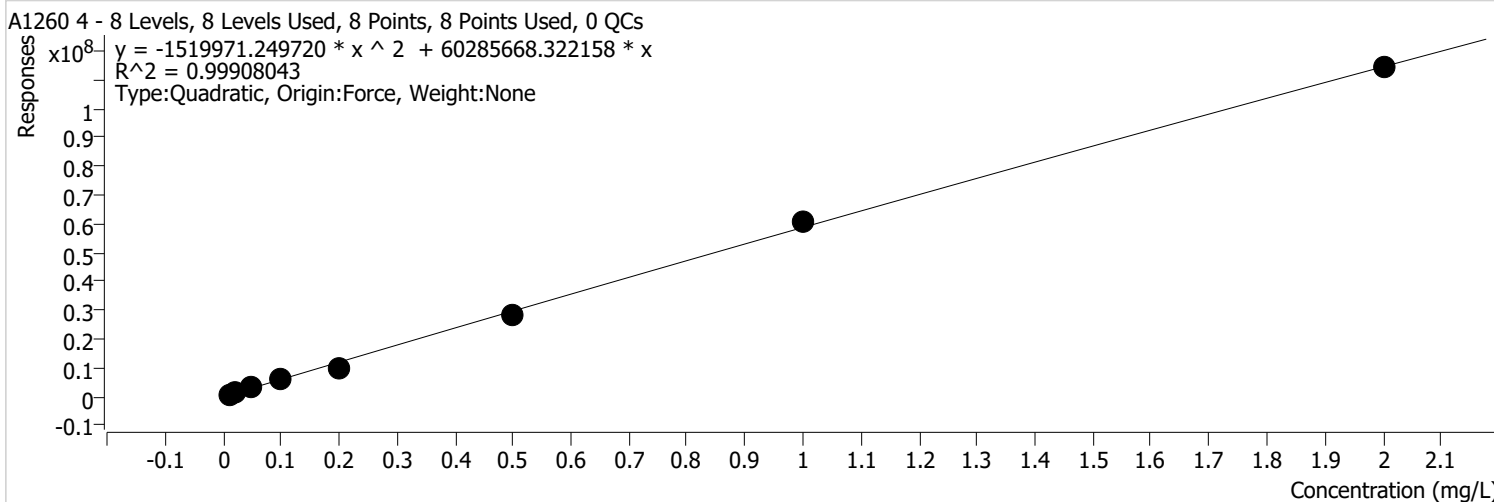


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	1006370	0.0100	10063696 4.8941	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	2025009	0.0200	10125044 5.0070	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	5089679	0.0500	10179358 5.3517	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	9682808	0.1000	96828080 .5000	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	17319134	0.2000	86595671 .7116	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	47340623	0.5000	94681245 .5228	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	105501165	1.0000	10550116 5.3579	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	195835695	2.0000	97917847 .7125	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 %RSE = 8.6

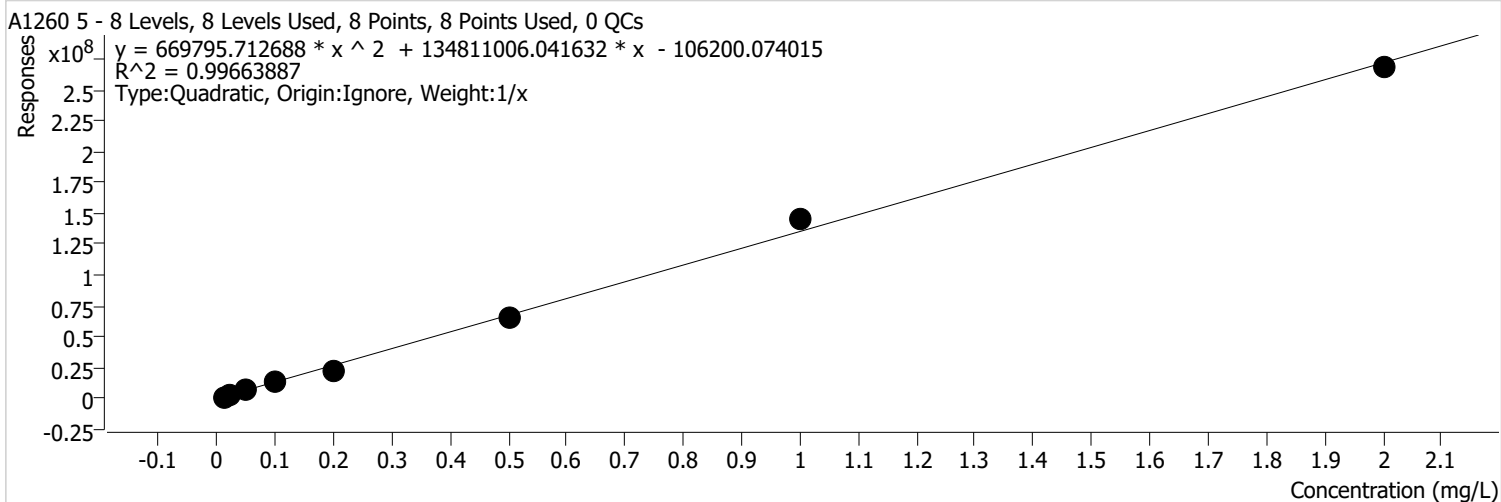


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	558458	0.0100	55845836 .2392	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1195363	0.0200	59768143 .7500	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2982536	0.0500	59650712 .0000	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	5929847	0.1000	59298469 .0000	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	10045708	0.2000	50228539 .9302	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	28118115	0.5000	56236229 .7100	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	60721328	1.0000	60721327 .6667	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	114125074	2.0000	57062537 .0097	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 5 %RSE = 9.2



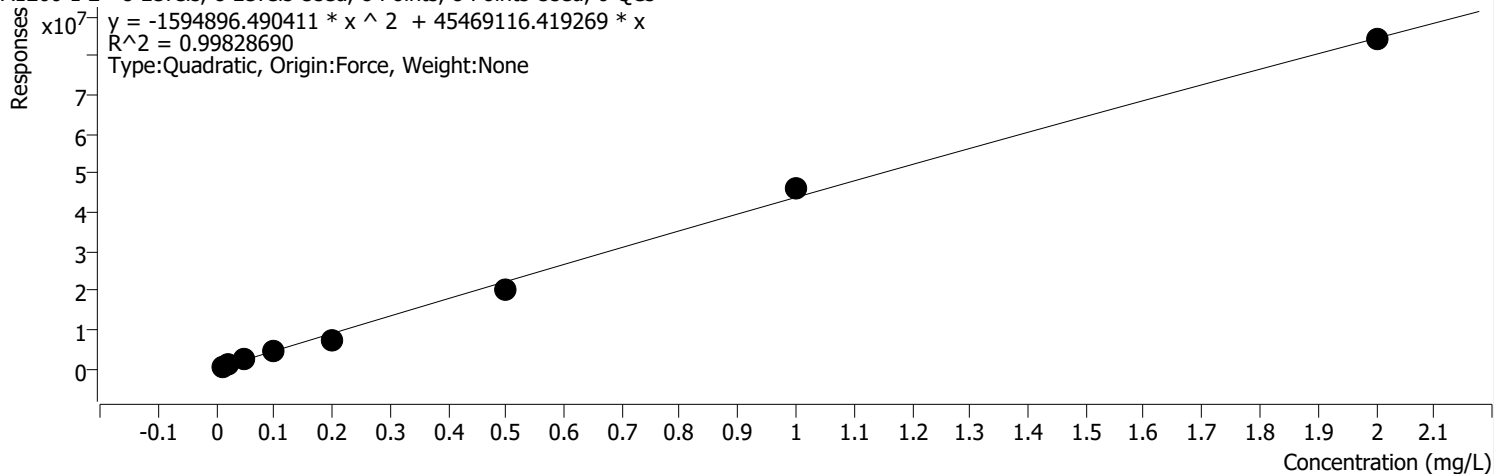
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	1257434	0.0100	12574340 8.8116	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	2859327	0.0200	14296634 8.5981	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	6668126	0.0500	13336252 4.9736	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	13609710	0.1000	13609709 6.0557	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	22640017	0.2000	11320008 5.6770	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	65007120	0.5000	13001423 9.7761	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	145641580	1.0000	14564158 0.1325	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	268085715	2.0000	13404285 7.7217	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 2 %RSE = 9.3

A1260 1 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -1594896.490411 * x^2 + 45469116.419269 * x$
 $R^2 = 0.99828690$
 Type: Quadratic, Origin: Force, Weight: None



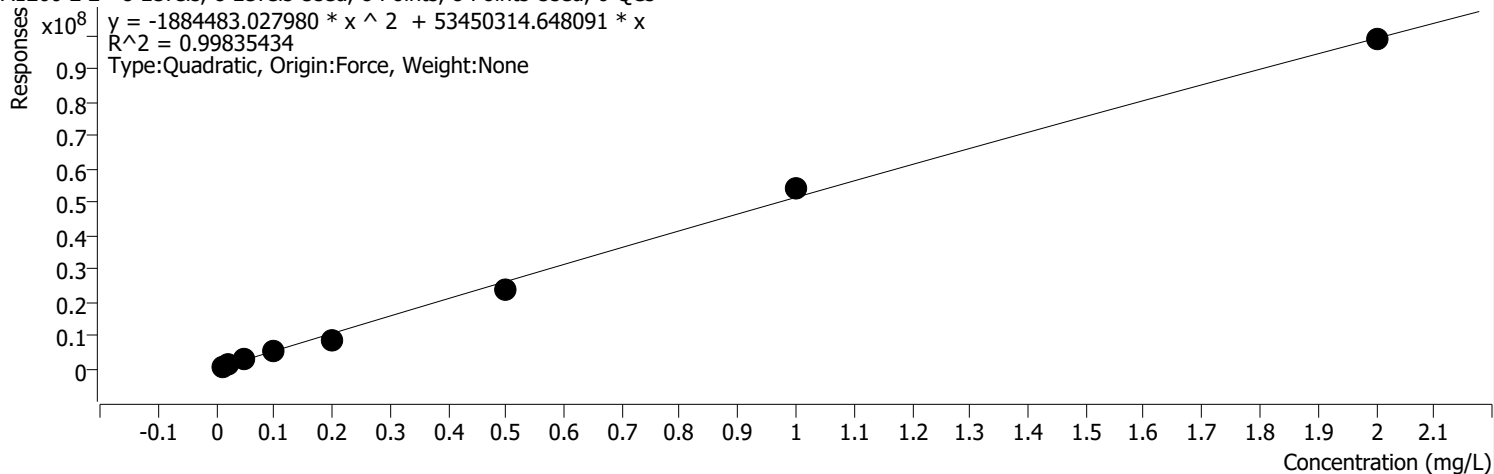
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	454898	0.0100	45489785.8995	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	962199	0.0200	48109947.6069	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2229708	0.0500	44594160.3693	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	4429510	0.1000	44295098.2366	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	7527890	0.2000	37639448.8096	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	20330660	0.5000	40661319.0826	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	45939899	1.0000	45939899.0049	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	84182845	2.0000	42091422.5107	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 2 %RSE = 10.8

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -1884483.027980 * x^2 + 53450314.648091 * x$
 $R^2 = 0.99835434$
 Type: Quadratic, Origin: Force, Weight: None

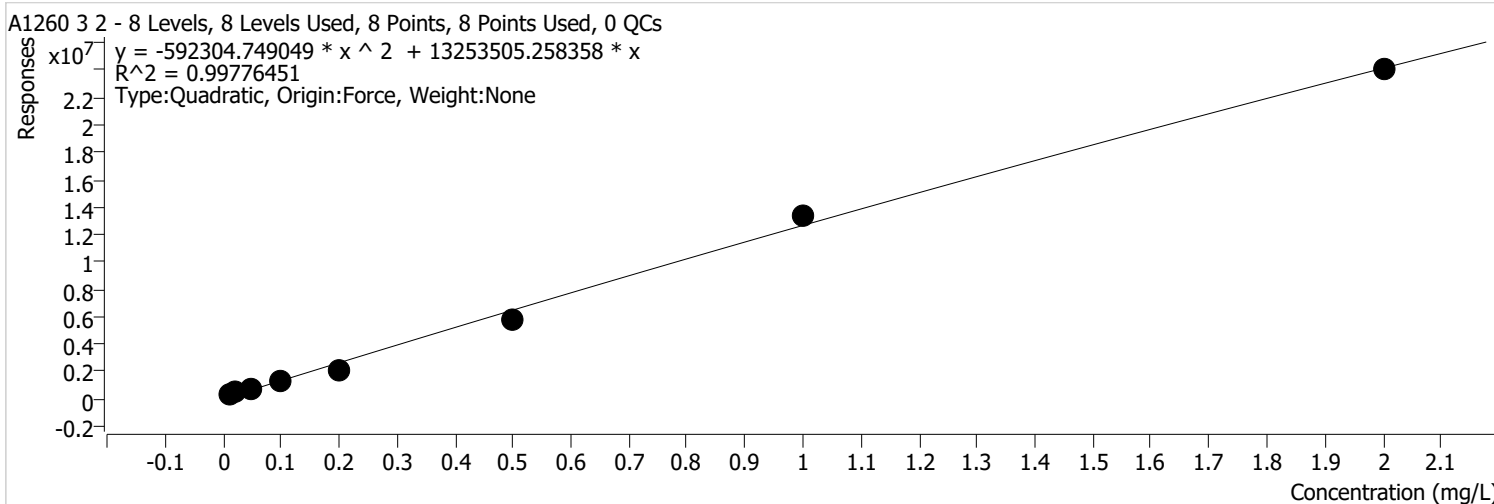


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	574088	0.0100	57408781 .4850	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1191845	0.0200	59592268 .6636	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2696925	0.0500	53938500 .8158	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	5272622	0.1000	52726215 .2110	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	8812576	0.2000	44062878 .0157	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	23979917	0.5000	47959834 .1116	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	53921832	1.0000	53921832 .4939	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	98933953	2.0000	49466976 .4371	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 2 %RSE = 63.1



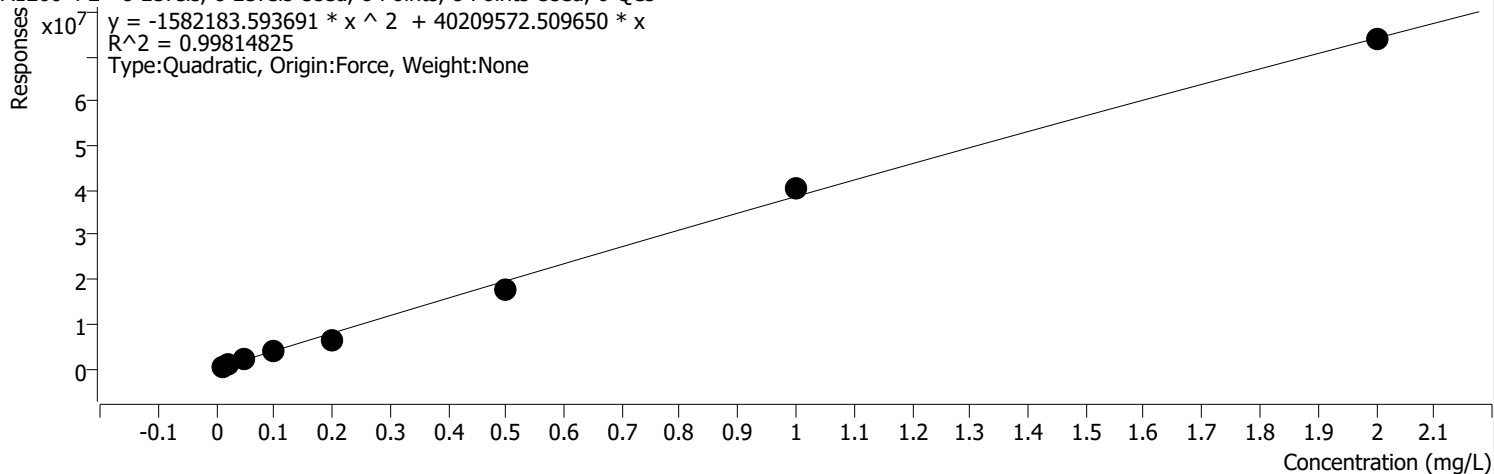
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	279268	0.0100	27926845 .2679	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	488073	0.0200	24403625 .6571	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	627223	0.0500	12544455 .7110	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	1263999	0.1000	12639986 .8594	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	2162254	0.2000	10811270 .6137	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	5839826	0.5000	11679651 .4646	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	13309733	1.0000	13309732 .5095	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	24020368	2.0000	12010184 .0239	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 2 %RSE = 10.0

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -1582183.593691 * x^2 + 40209572.509650 * x$
 $R^2 = 0.99814825$
 Type: Quadratic, Origin: Force, Weight: None



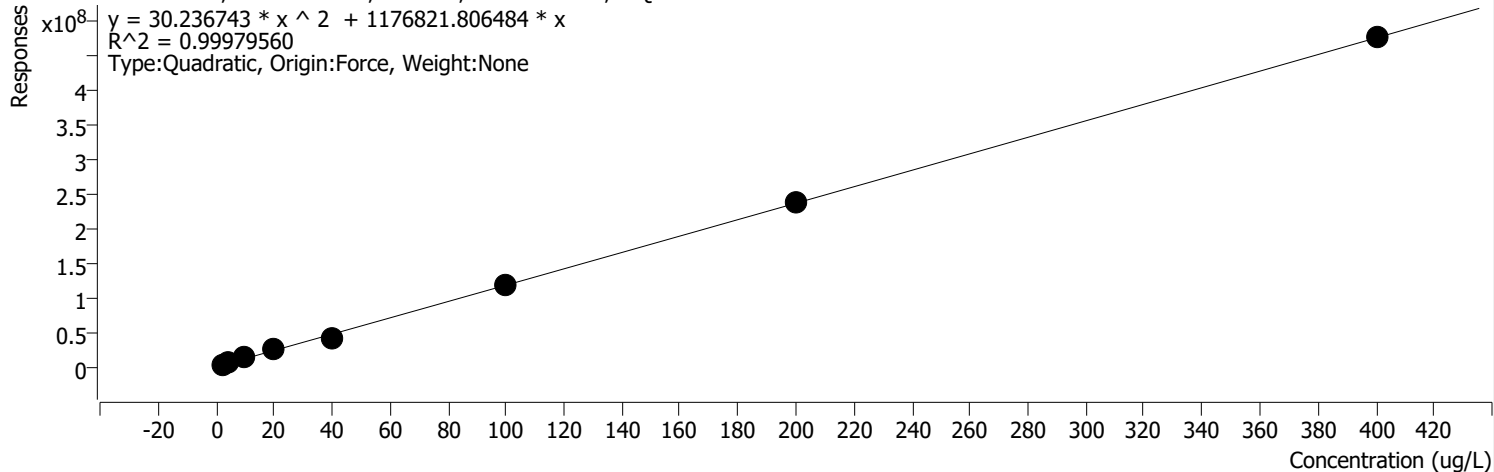
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	399874	0.0100	39987371 .3445	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	817063	0.0200	40853155 .1739	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1956455	0.0500	39129099 .9081	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	3900081	0.1000	39000814 .0881	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	6435840	0.2000	32179198 .0000	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	17999271	0.5000	35998541 .8783	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	40489618	1.0000	40489617 .6979	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	73747447	2.0000	36873723 .5210	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP %RSE = 17.3

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



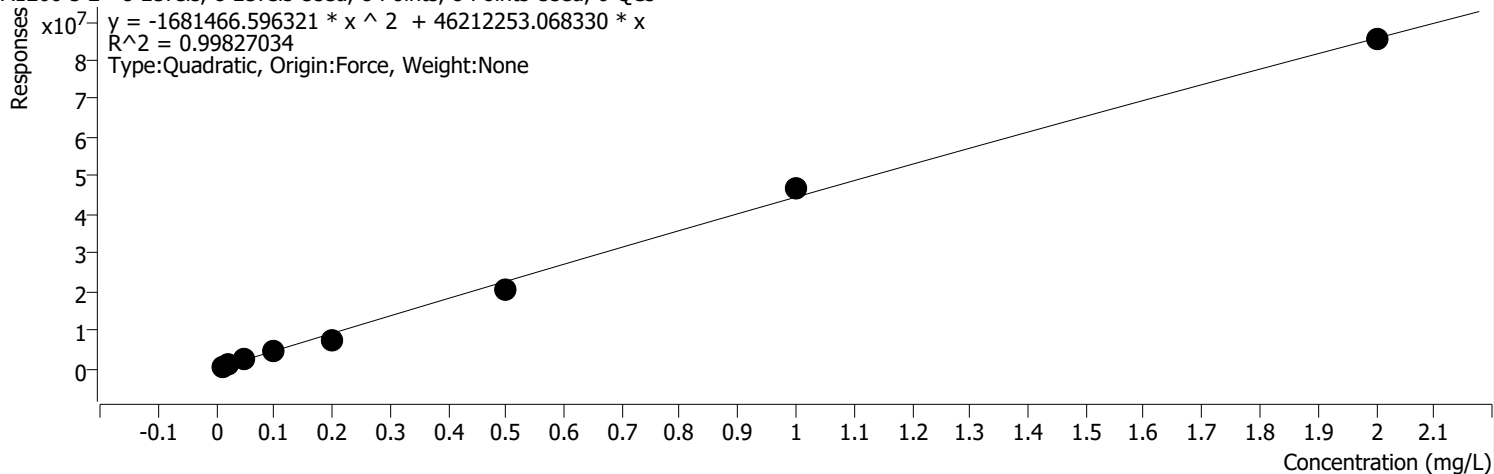
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	2835631	2.0000	1417815.4750	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	5817839	4.0000	1454459.7125	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	13631698	10.0000	1363169.7908	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	26596560	20.0000	1329827.9919	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	42559761	40.0000	1063994.0220	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	119959526	100.0000	1199595.2593	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	235920666	200.0000	1179603.3313	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	475643166	400.0000	1189107.9138	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 5 2 %RSE = 9.4

A1260 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -1681466.596321 * x^2 + 46212253.068330 * x$
 $R^2 = 0.99827034$
 Type: Quadratic, Origin: Force, Weight: None



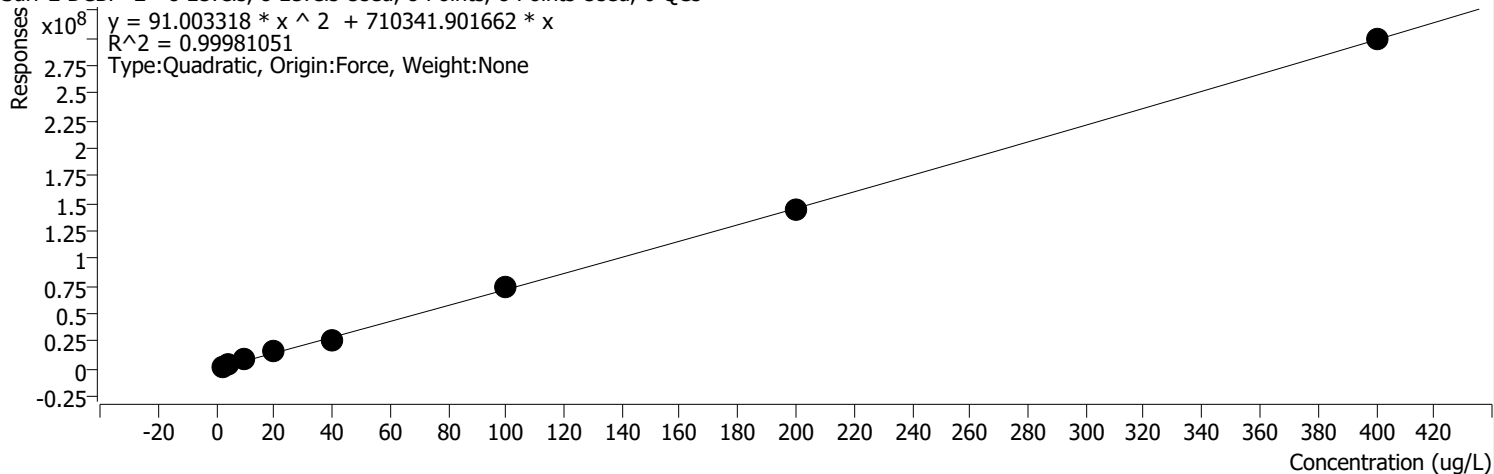
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	451222	0.0100	45122185 .3248	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	939333	0.0200	46966672 .7422	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2281184	0.0500	45623673 .9193	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	4526047	0.1000	45260473 .1199	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	7518618	0.2000	37593090 .3608	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	20721889	0.5000	41443778 .3307	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	46616994	1.0000	46616994 .0487	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	85316606	2.0000	42658302 .9412	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP 2 %RSE = 15.1

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	1684288	2.0000	842143.9444	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	3386402	4.0000	846600.5281	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	8128369	10.0000	812836.8712	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	15858823	20.0000	792941.1733	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	25637587	40.0000	640939.6710	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	73246076	100.0000	732460.7624	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	145351163	200.0000	726755.8147	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	298729745	400.0000	746824.3635	

29 8/29/21

PCB Calibration

Date: 09/30/21
 Analyst: Sambearman
 Hexane: 5931

Cal		ICV	
Aroclor 1660:	<u>25029</u>	Aroclor 1660:	<u>24706</u>
Aroclor 1254:	<u>23866</u>	Aroclor 1254:	<u>24308</u>

Surrogate: 2576

Spike Conc. (ppb)	Surr Conc. (ppb)	2° Spike (uL)	1° Spike (uL)	Surr (uL)	Remove (uL)	Final Vol. (mL)	Comments
10	2	5	--	--	5	1	
20	4	10	--	--	10	1	
50	10	25	--	--	25	1	
100	20	50	--	--	50	1	
200	40	100	--	--	100	1	
500	100	250	--	--	250	1	
1000	200	--	1	1 0	2 11	1	8/29 9/30/21
2000	400	--	2	2 0	4 22	1	8/29 9/30/21
ICB	200	--	--	1 0	1 0	1	
ICV (1000 ppb)	200	--	1	1 0	2 11	1	8/29 9/30/21

	1660 (uL)	1254 (uL)	Surr (uL)	Final Volume (mL)
2° Intermediate (1660)	2	--	2	1
2° Intermediate (1254)	--	2	2	1

Signature and Date:  9/30/21

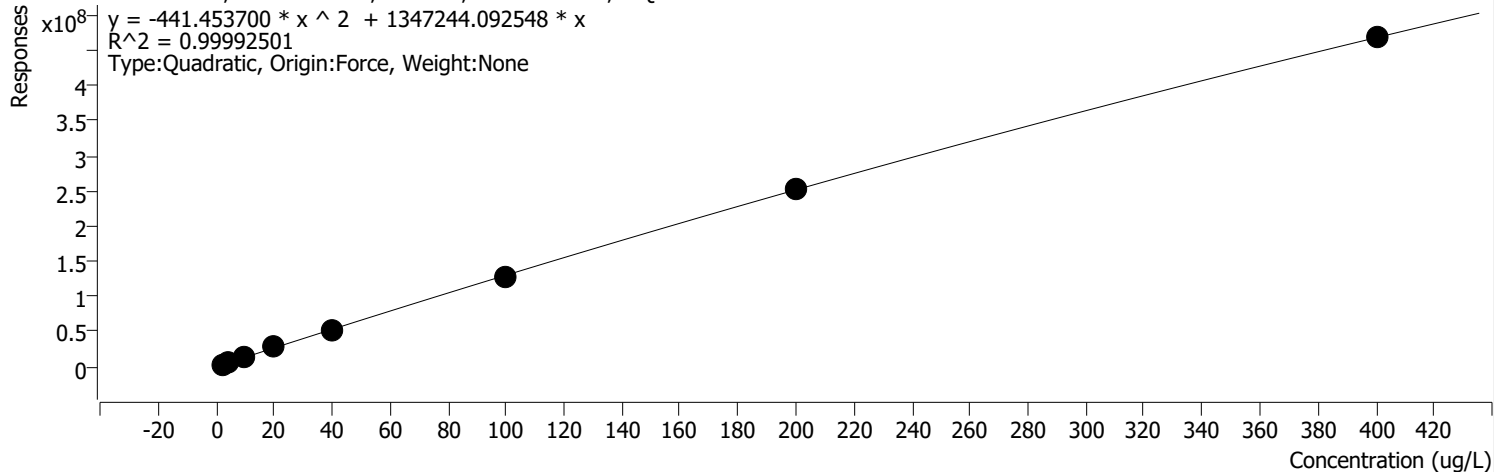
Signature: EM
 700 Building Calibration Template - PCB v1.0

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:03 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE =

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



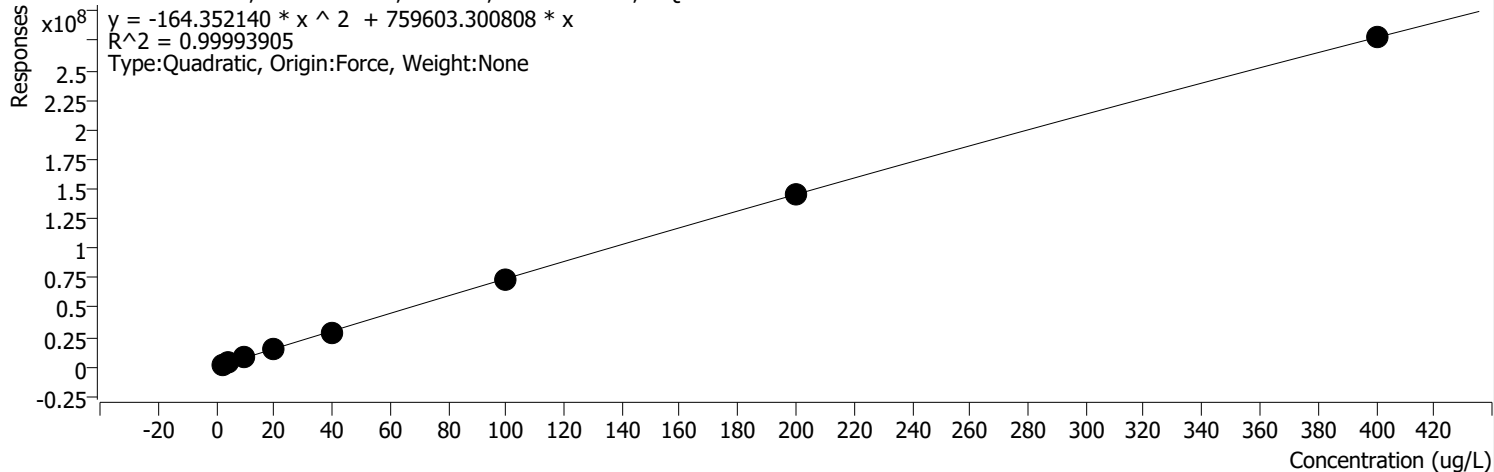
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	3112606	2.0000	1556303.2353	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	5987105	4.0000	1496776.2325	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	14133613	10.0000	1413361.2648	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	28037354	20.0000	1401867.7024	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	50268557	40.0000	1256713.9292	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	129331209	100.0000	1293312.0925	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	253231815	200.0000	1266159.0745	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	467991390	400.0000	1169978.4744	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE =

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

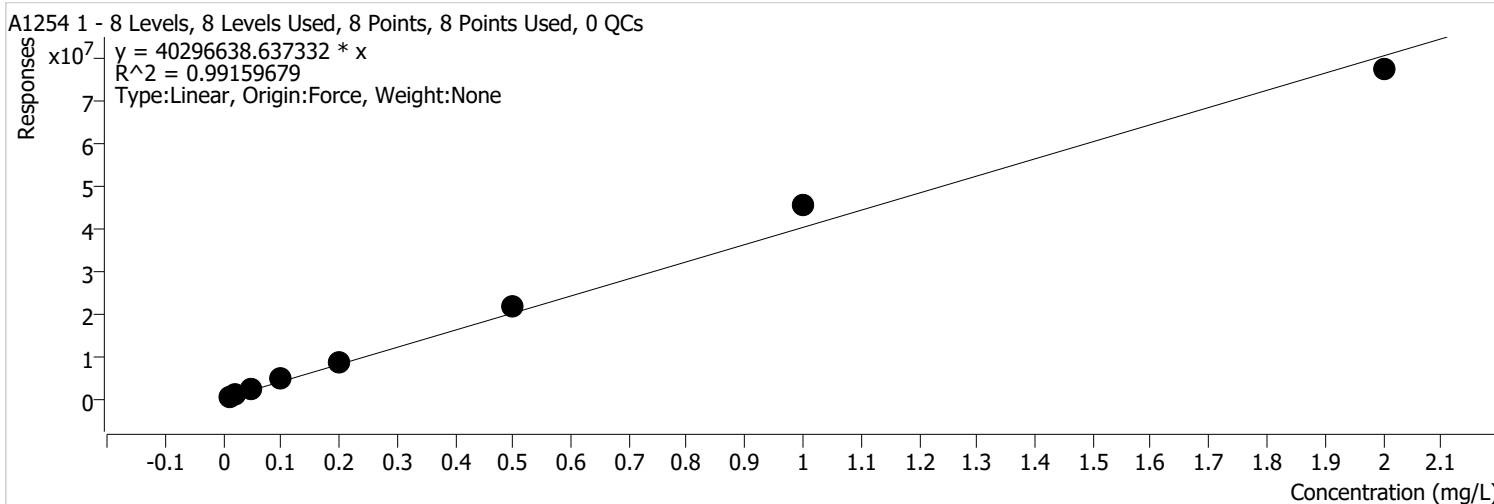


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1747536	2.0000	873767.8020	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3355011	4.0000	838752.6380	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	7906471	10.0000	790647.0906	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	15333111	20.0000	766655.5528	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	28540689	40.0000	713517.2319	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	73719827	100.0000	737198.2735	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	146274925	200.0000	731374.6273	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	277365247	400.0000	693413.1187	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE = 27.7

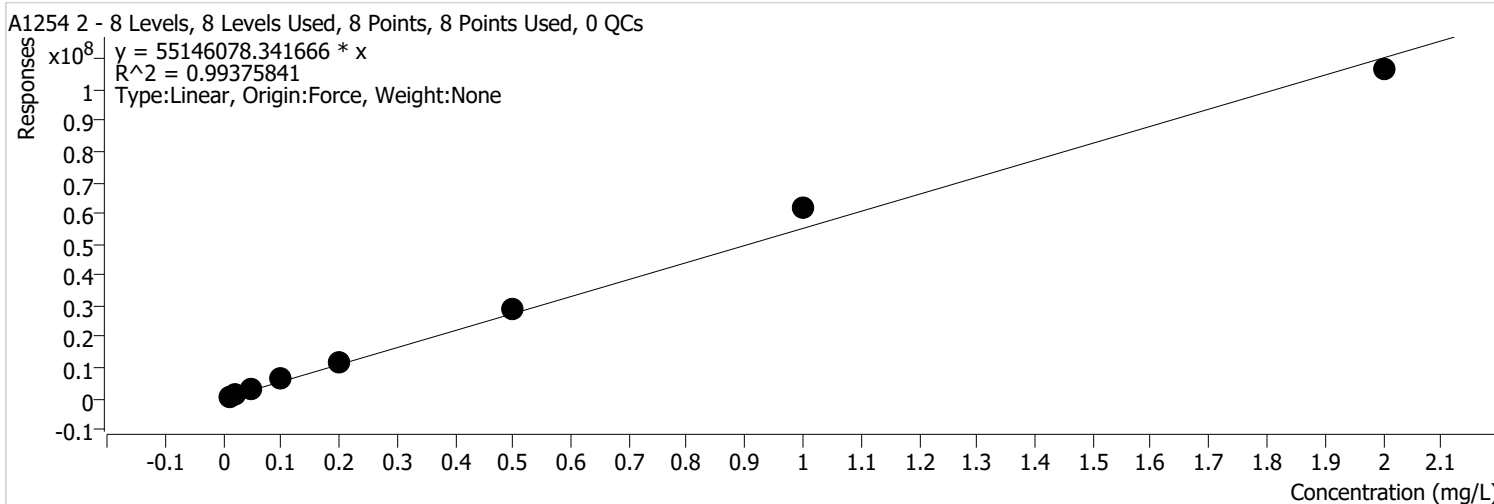


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	573523	0.0100	57352267 .4014	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1097096	0.0200	54854822 .0462	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2571334	0.0500	51426677 .3242	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4850080	0.1000	48500798 .7335	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8688904	0.2000	43444520 .7125	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	21613150	0.5000	43226300 .7013	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	45839065	1.0000	45839065 .3357	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	77334201	2.0000	38667100 .3795	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 %RSE = 25.1



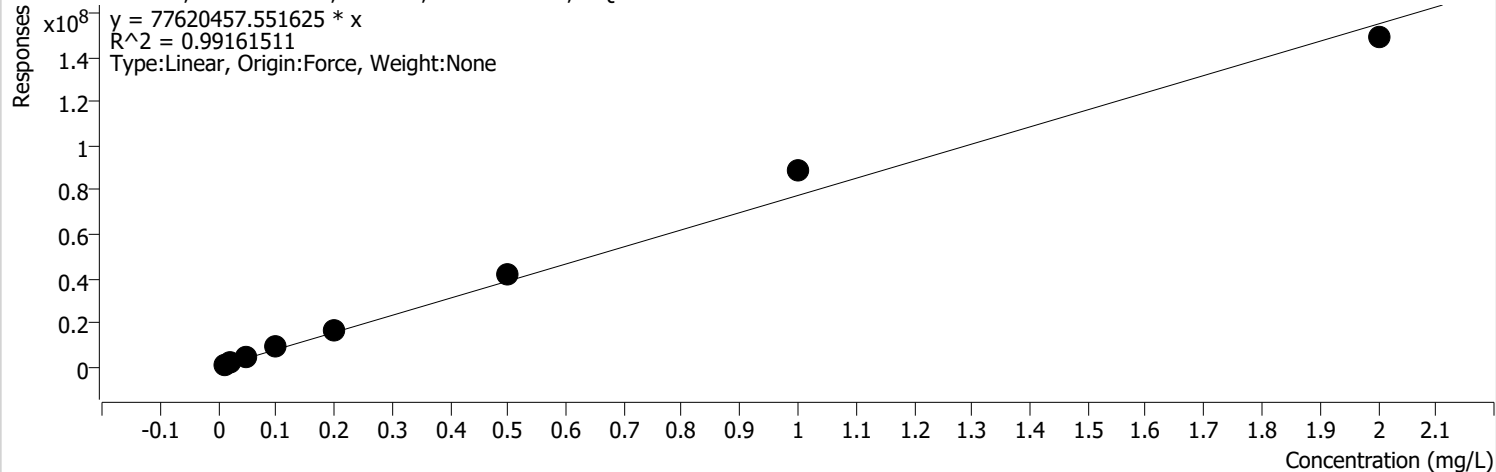
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	744054	0.0100	74405372 .2567	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1490100	0.0200	74504983 .0310	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3523234	0.0500	70464671 .0095	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6497170	0.1000	64971695 .9121	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11711269	0.2000	58556347 .3659	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29266351	0.5000	58532701 .2157	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	61701655	1.0000	61701654 .5006	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	106449724	2.0000	53224862 .1449	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE = 30.4

A1254 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

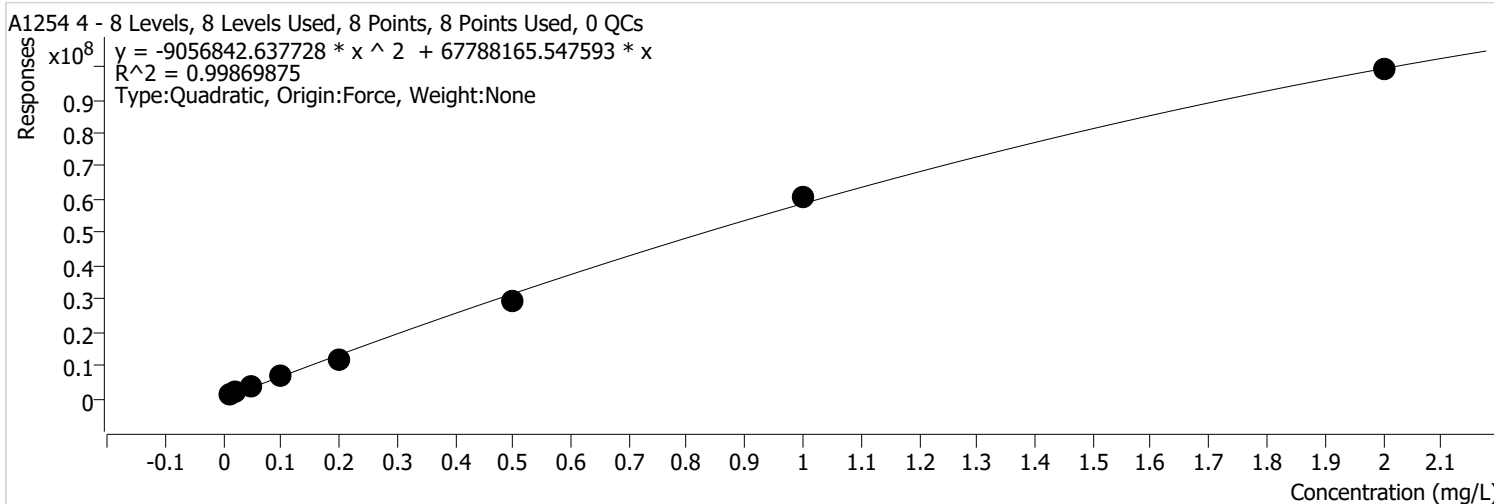


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1157188	0.0100	11571877 1.6595	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2204641	0.0200	11023205 9.7779	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4963794	0.0500	99275879 .1927	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9090132	0.1000	90901319 .8798	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	16261865	0.2000	81309326 .1013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	41588015	0.5000	83176030 .1804	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	88389174	1.0000	88389173 .9690	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	148986432	2.0000	74493216 .0601	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 %RSE = 33.7

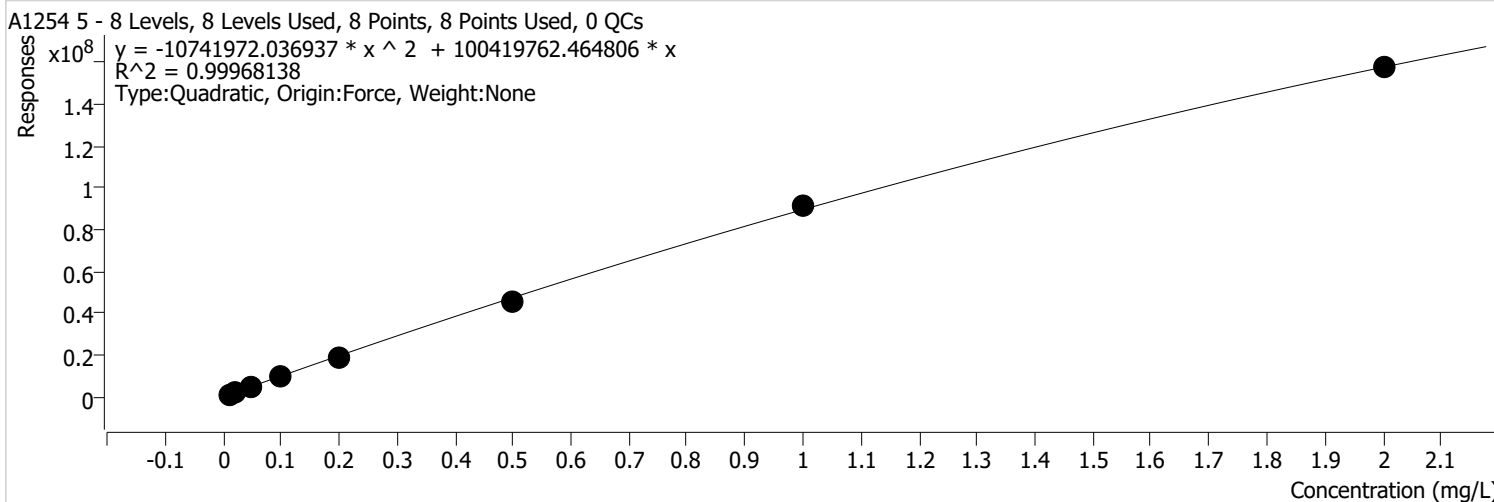


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1034675	0.0100	10346747 0.3164	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2019129	0.0200	10095645 5.4799	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3887202	0.0500	77744031 .4539	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6688577	0.1000	66885769 .2913	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11730547	0.2000	58652733 .3282	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29549445	0.5000	59098890 .3992	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	60734640	1.0000	60734639 .8071	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	98992404	2.0000	49496202 .1970	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE = 3.8

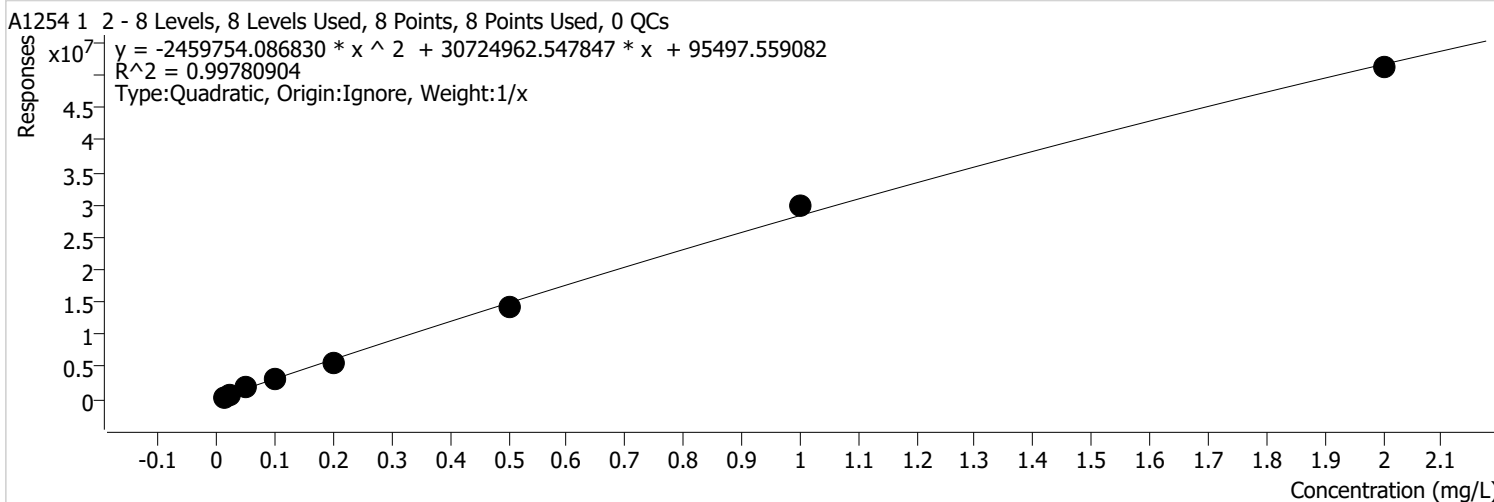


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1012163	0.0100	10121631 0.0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2031310	0.0200	10156552 4.7143	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4906928	0.0500	98138565 .5000	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9392843	0.1000	93928430 .8547	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	18912153	0.2000	94560767 .1996	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	45747749	0.5000	91495497 .2404	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	91387604	1.0000	91387603 .9391	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	157564050	2.0000	78782025 .2102	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 2 %RSE = 11.9

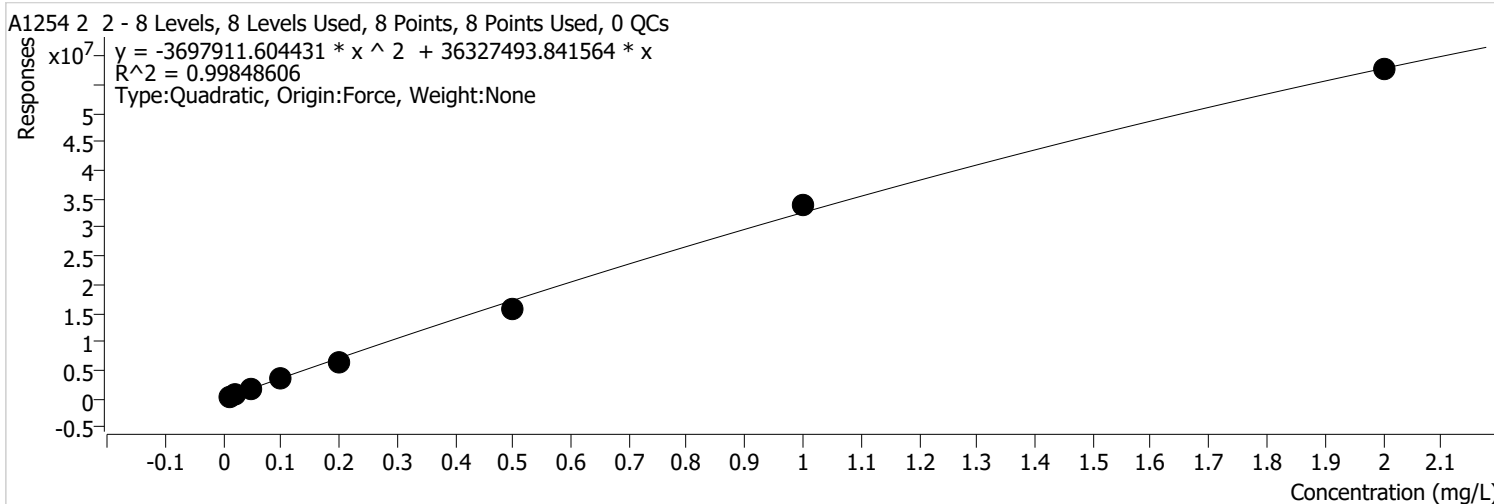


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	350412	0.0100	35041220 .0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	796688	0.0200	39834388 .4825	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1764954	0.0500	35299074 .8457	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3201582	0.1000	32015815 .2427	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	5692544	0.2000	28462717 .9013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	14066030	0.5000	28132060 .8995	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	29883184	1.0000	29883184 .1128	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	51177366	2.0000	25588682 .9284	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 2 %RSE = 16.2

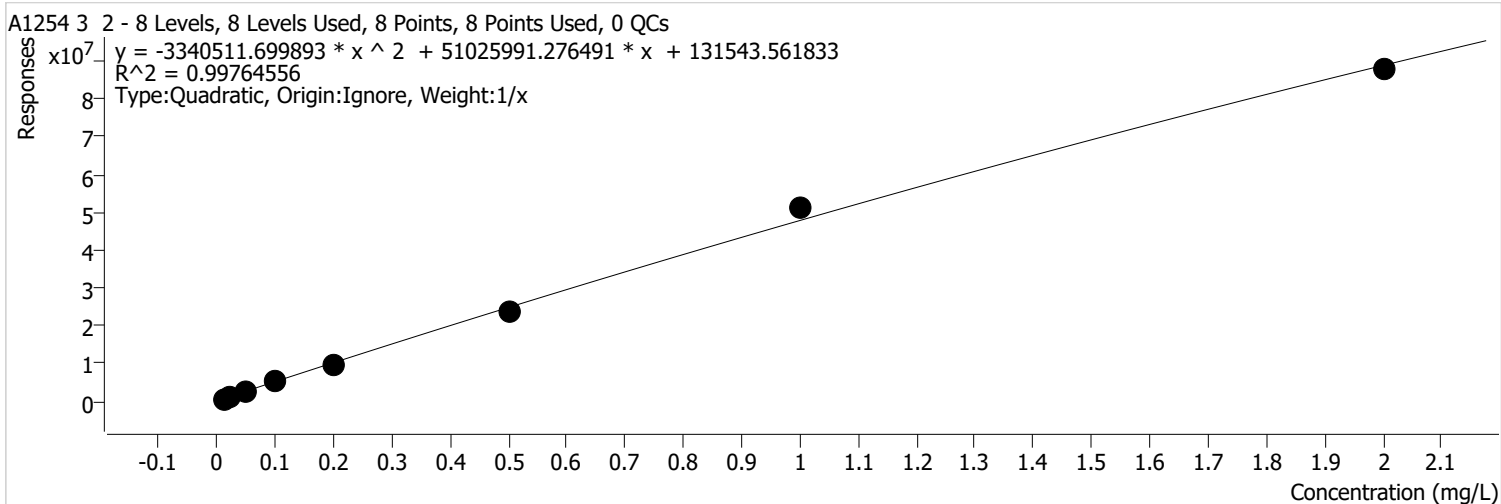


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	461435	0.0100	46143484 .7645	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	850241	0.0200	42512054 .6772	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1937642	0.0500	38752837 .2010	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3562499	0.1000	35624993 .2739	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6350412	0.2000	31752060 .0757	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	15814825	0.5000	31629649 .1212	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	33960776	1.0000	33960775 .9612	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	57627229	2.0000	28813614 .4715	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 2 %RSE = 6.6

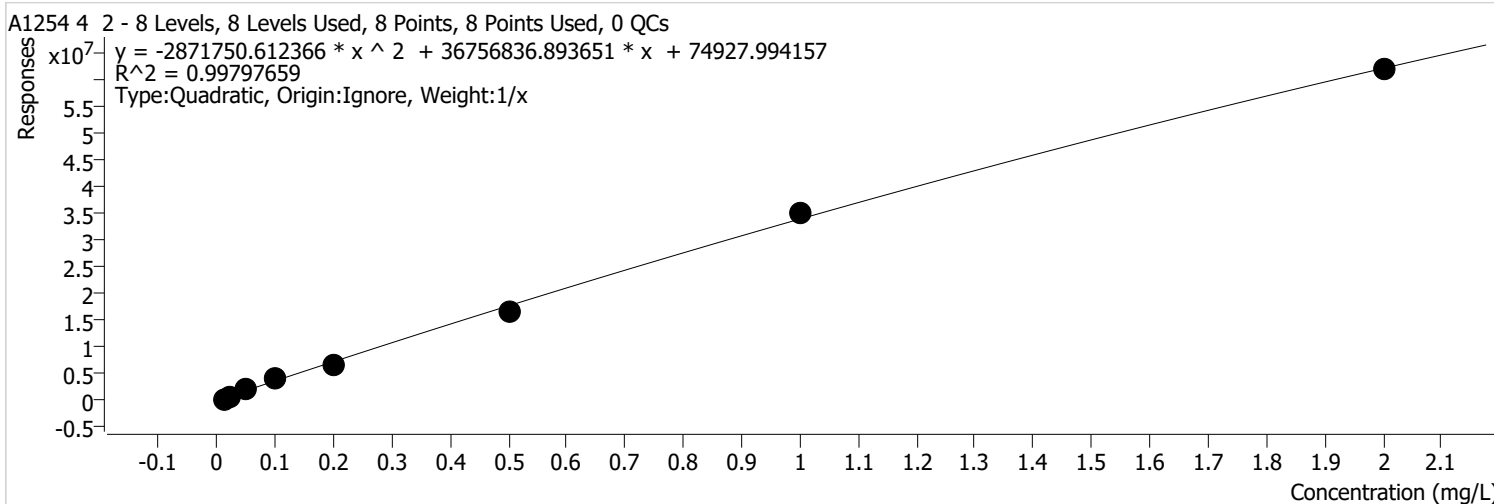


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	633860	0.0100	63386044 .1039	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1210006	0.0200	60500280 .4478	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2785795	0.0500	55715899 .9627	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	5196055	0.1000	51960547 .7509	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	9302962	0.2000	46514810 .0909	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	23599607	0.5000	47199214 .4840	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	50941643	1.0000	50941642 .7440	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	87648533	2.0000	43824266 .6378	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin		
Analysis Time	11/18/2021 12:26 PM	Analyst Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Reporter Name	FA\GC1625
Last Calib Update	11/18/2021 12:26 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 4 2 %RSE = 13.4

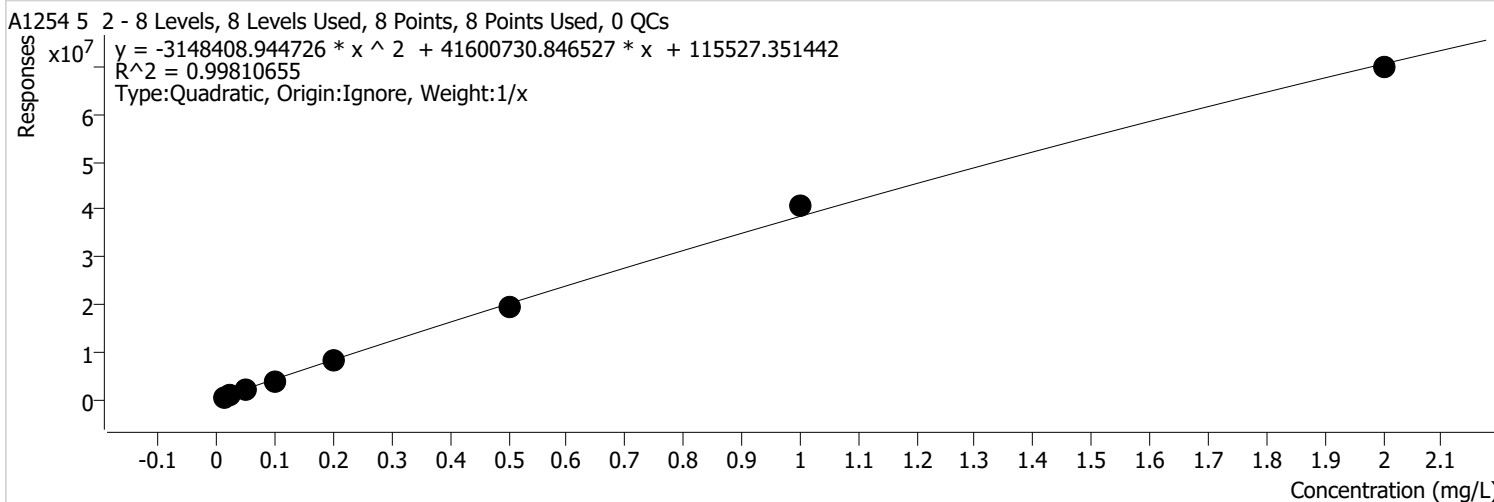


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	361993	0.0100	36199272 .8077	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	859897	0.0200	42994858 .0057	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2130173	0.0500	42603465 .9972	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4146889	0.1000	41468894 .7934	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6853477	0.2000	34267386 .0557	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	16779588	0.5000	33559175 .5747	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	35031313	1.0000	35031312 .9376	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	61823727	2.0000	30911863 .4999	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 2 %RSE = 11.4



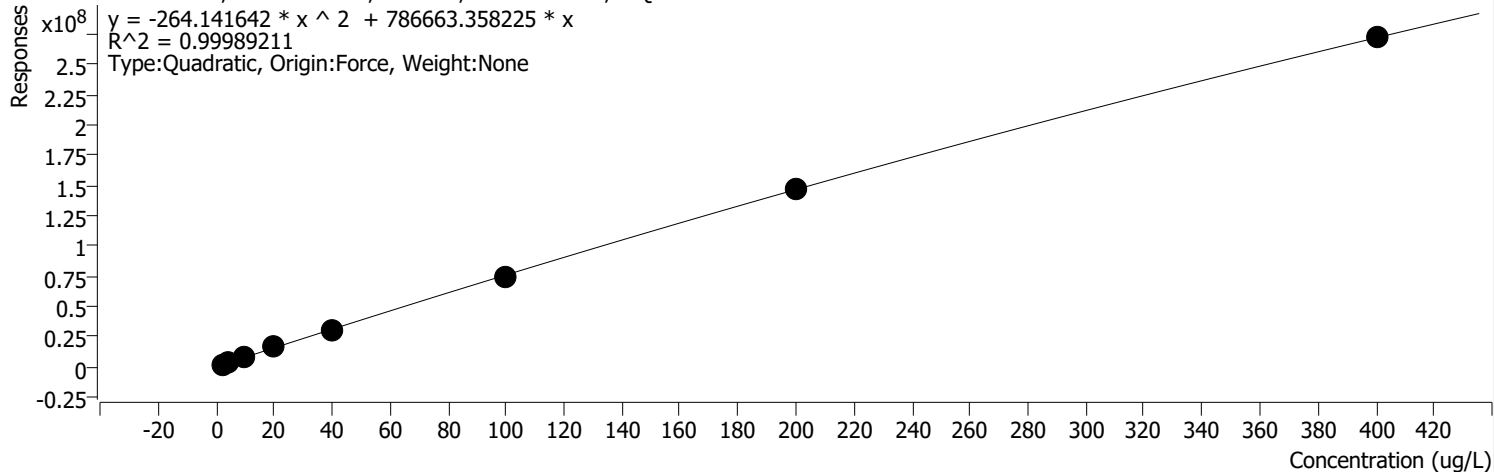
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	496146	0.0100	49614596 .3803	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1116535	0.0200	55826774 .5691	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2201385	0.0500	44027706 .0840	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3840360	0.1000	38403604 .2790	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8010151	0.2000	40050753 .2688	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	19426064	0.5000	38852127 .2101	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	40634328	1.0000	40634327 .6281	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	69914073	2.0000	34957036 .3940	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



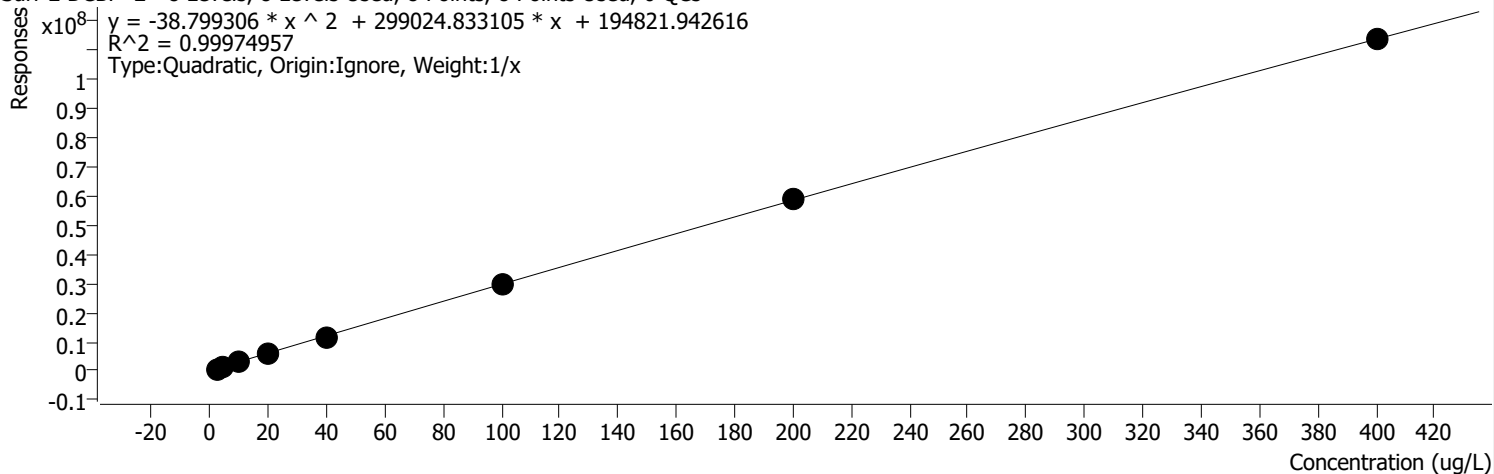
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1999822	2.0000	999910.8000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3976085	4.0000	994021.2125	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	9141741	10.0000	914174.0999	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	17384365	20.0000	869218.2664	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	30399135	40.0000	759978.3648	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	75189580	100.0000	751895.7972	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	147123426	200.0000	735617.1307	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	272366933	400.0000	680917.3313	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE =

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



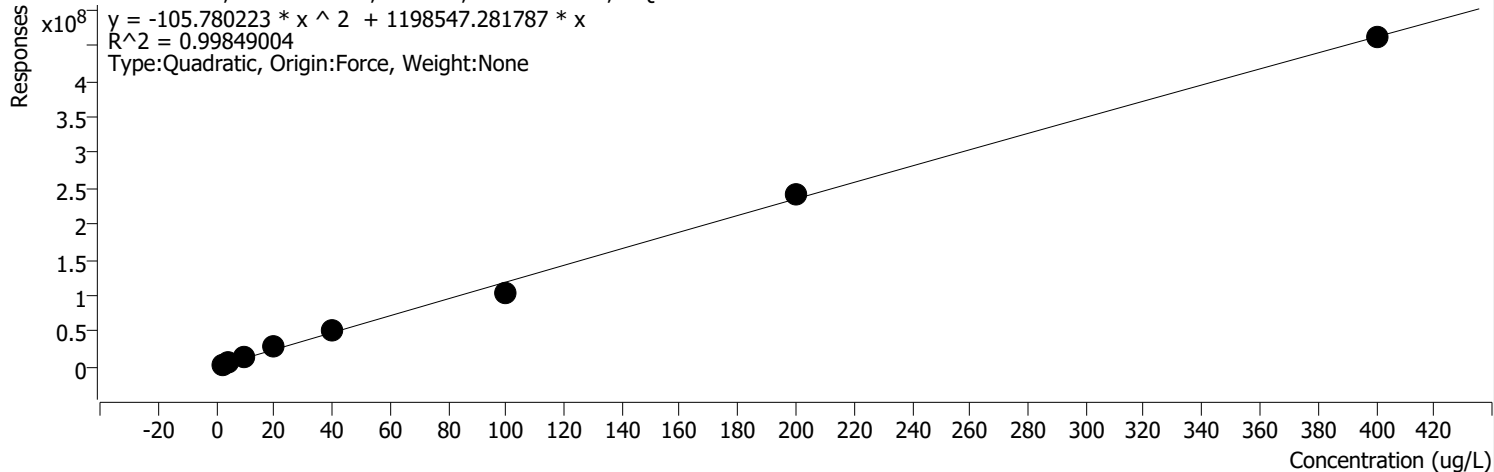
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	754197	2.0000	377098.3 123	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1426478	4.0000	356619.5 872	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3335767	10.0000	333576.6 500	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6312805	20.0000	315640.2 460	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11515852	40.0000	287896.2 957	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29640063	100.0000	296400.6 277	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	59004770	200.0000	295023.8 494	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	113381806	400.0000	283454.5 159	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:15 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE = 17.6

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

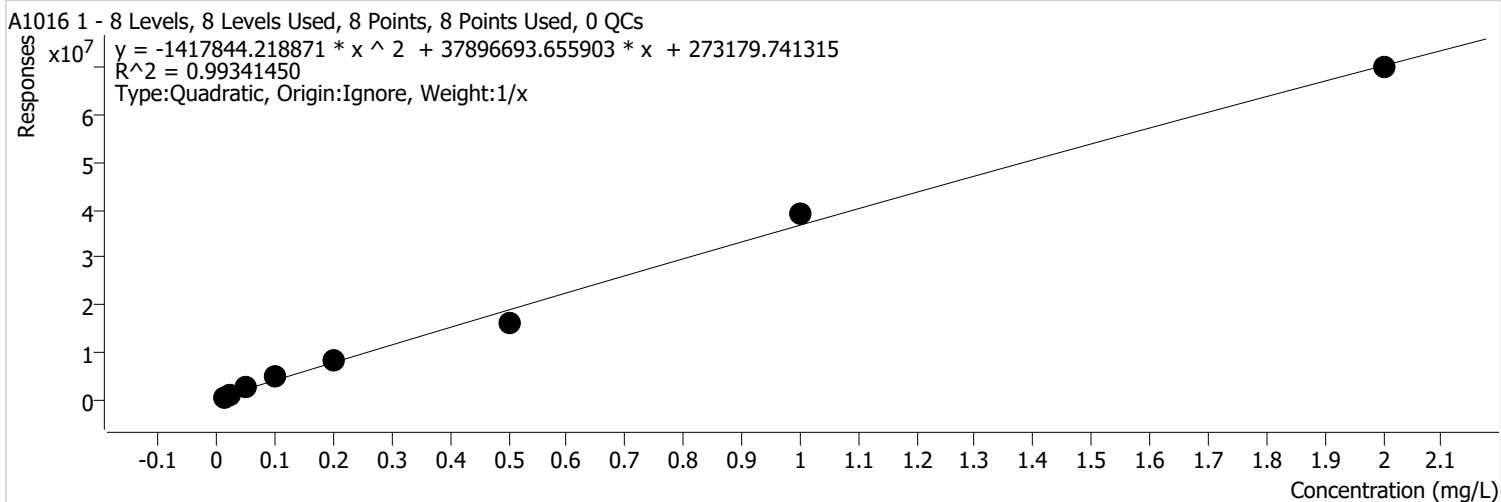


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	2934536	2.0000	1467267.9537	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	5764984	4.0000	1441245.9265	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	13779442	10.0000	1377944.1841	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	27573950	20.0000	1378697.5191	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	50569974	40.0000	1264249.3507	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	105302817	100.0000	1053028.1711	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	243674022	200.0000	1218370.1118	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	461250190	400.0000	1153125.4750	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 %RSE = 17.5

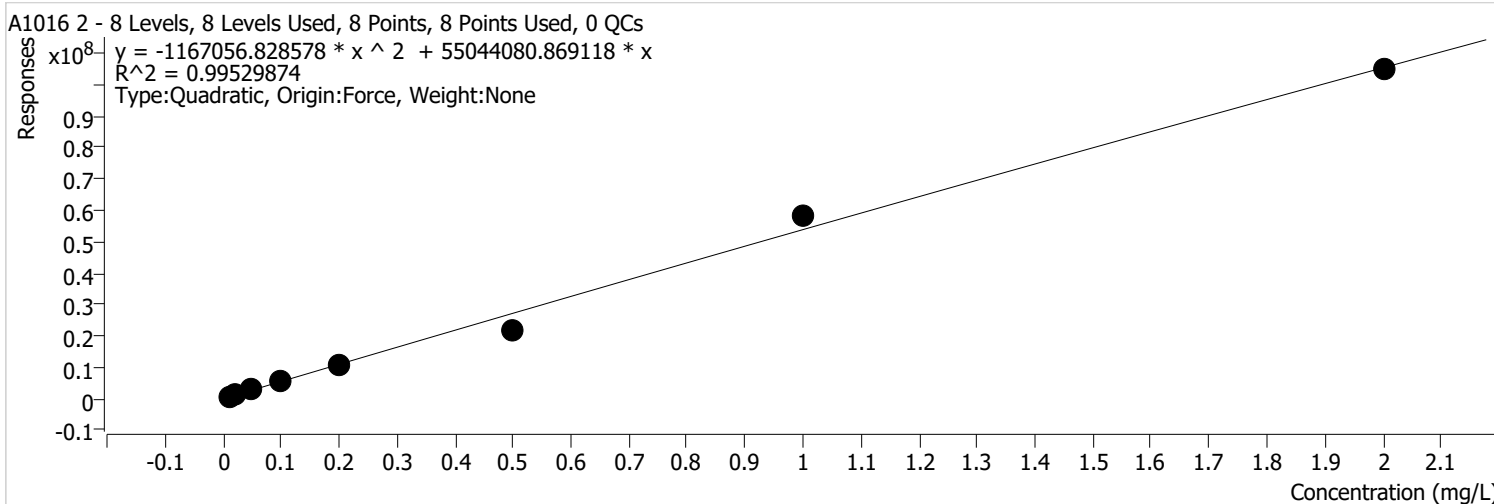


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	558685	0.0100	55868473 .3413	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1003803	0.0200	50190161 .2263	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2480232	0.0500	49604637 .6594	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	4720689	0.1000	47206890 .0322	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	8101627	0.2000	40508136 .7500	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	15925208	0.5000	31850416 .0243	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	38960423	1.0000	38960422 .5481	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	69955115	2.0000	34977557 .3342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 %RSE = 15.4



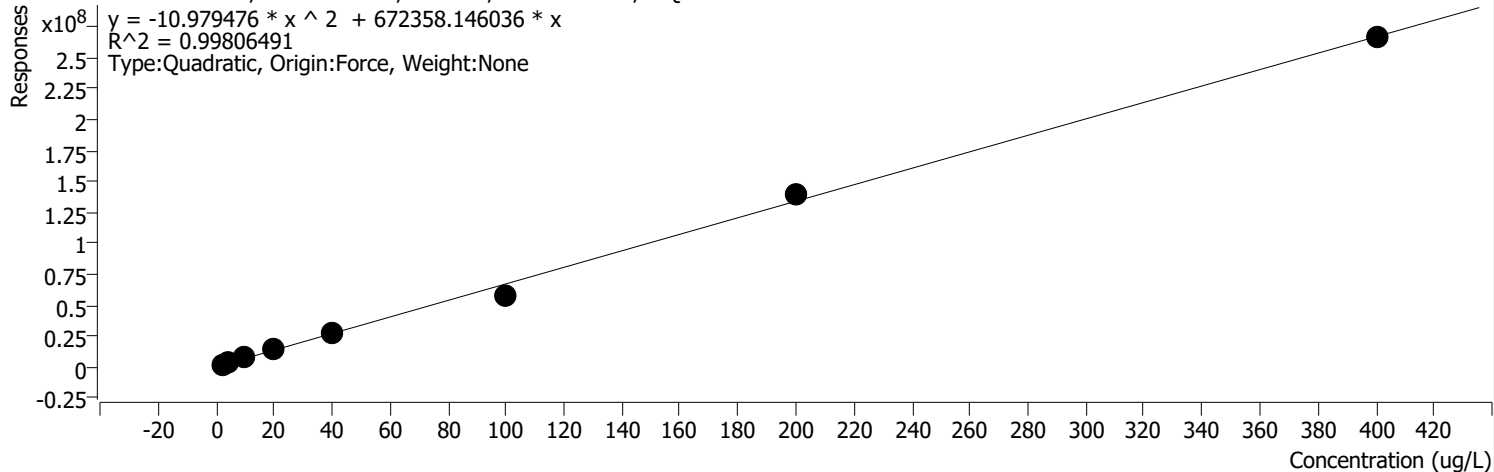
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	682922	0.0100	68292227.5427	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1196019	0.0200	59800948.1390	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2936183	0.0500	58723652.8497	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5786440	0.1000	57864400.5083	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10635390	0.2000	53176951.8044	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21896785	0.5000	43793570.7927	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57914319	1.0000	57914319.3448	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104746357	2.0000	52373178.6342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE = 16.8

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

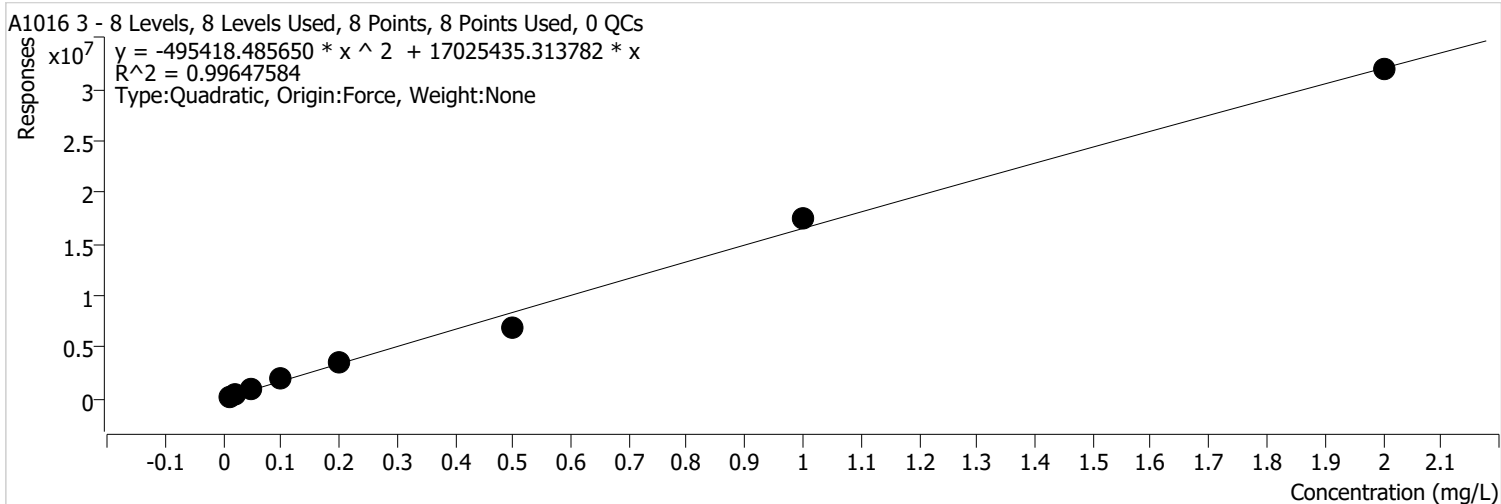


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1652662	2.0000	826330.9 956	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	3190258	4.0000	797564.6 113	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	7598580	10.0000	759857.9 508	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15089134	20.0000	754456.7 026	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	28036116	40.0000	700902.8 912	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	58260955	100.0000	582609.5 468	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	139839684	200.0000	699198.4 179	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	266272486	400.0000	665681.2 142	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 %RSE = 19.6

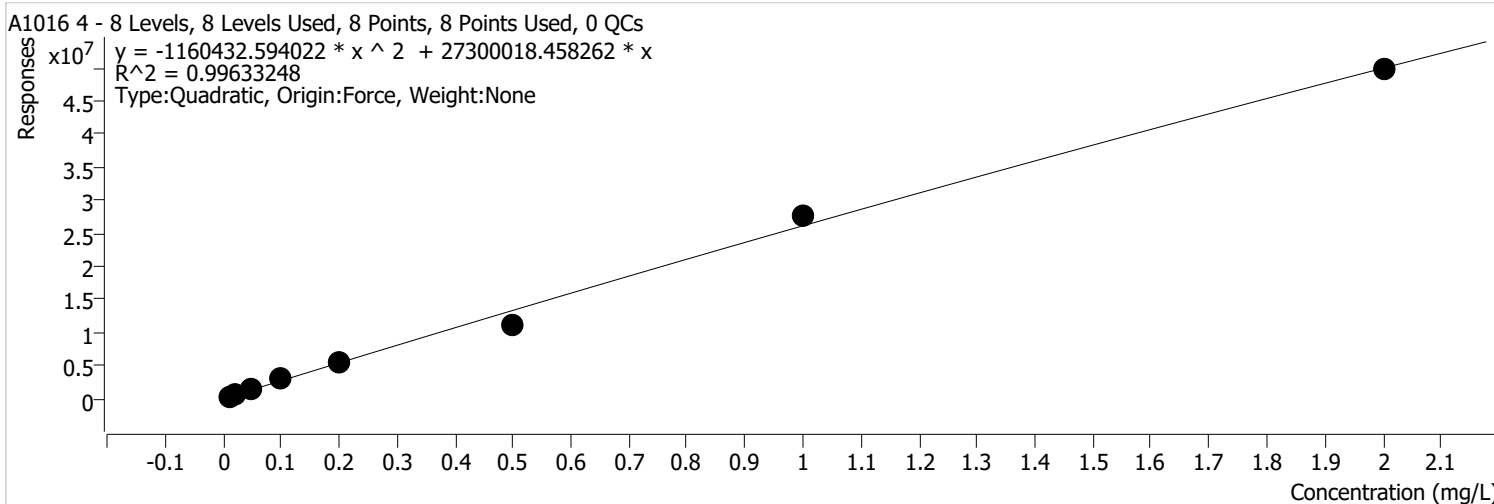


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	210732	0.0100	21073192 .4330	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	422272	0.0200	21113585 .1916	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	994908	0.0500	19898155 .8441	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1884570	0.1000	18845697 .4311	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3547755	0.2000	17738773 .1109	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6948104	0.5000	13896208 .1278	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17498388	1.0000	17498388 .0114	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	31914959	2.0000	15957479 .6375	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 %RSE = 15.9

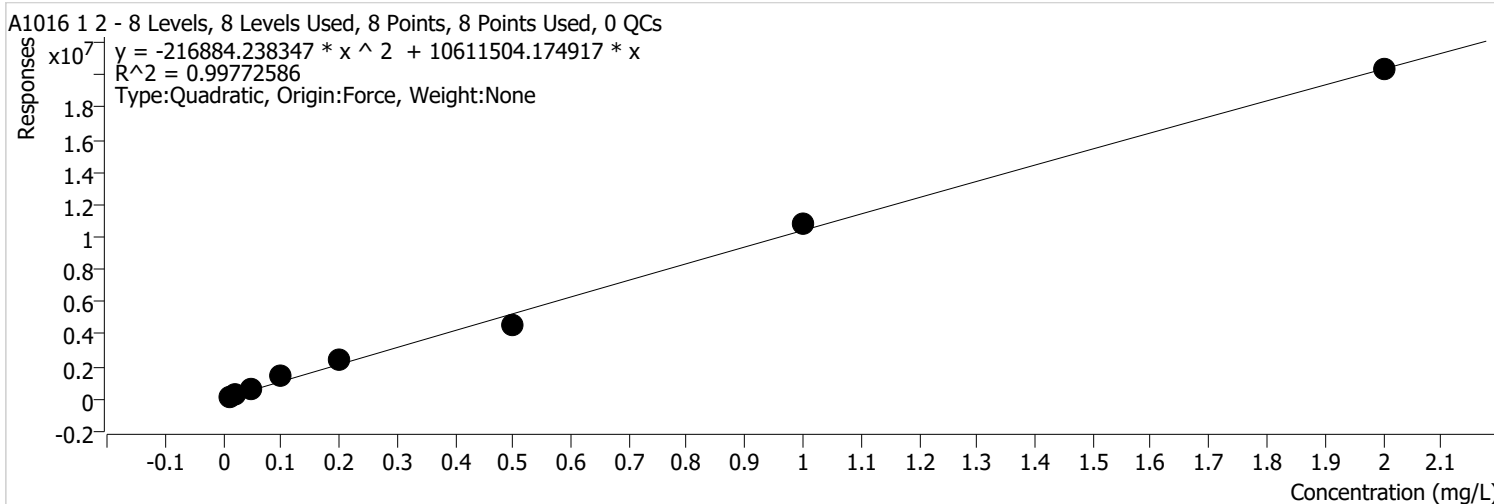


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	319731	0.0100	31973095 .1833	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	644811	0.0200	32240571 .2785	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1549198	0.0500	30983950 .7000	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2990136	0.1000	29901362 .4843	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5567504	0.2000	27837521 .2423	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11074643	0.5000	22149286 .8012	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27723383	1.0000	27723382 .7603	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49702839	2.0000	24851419 .6806	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 2 %RSE = 36.9



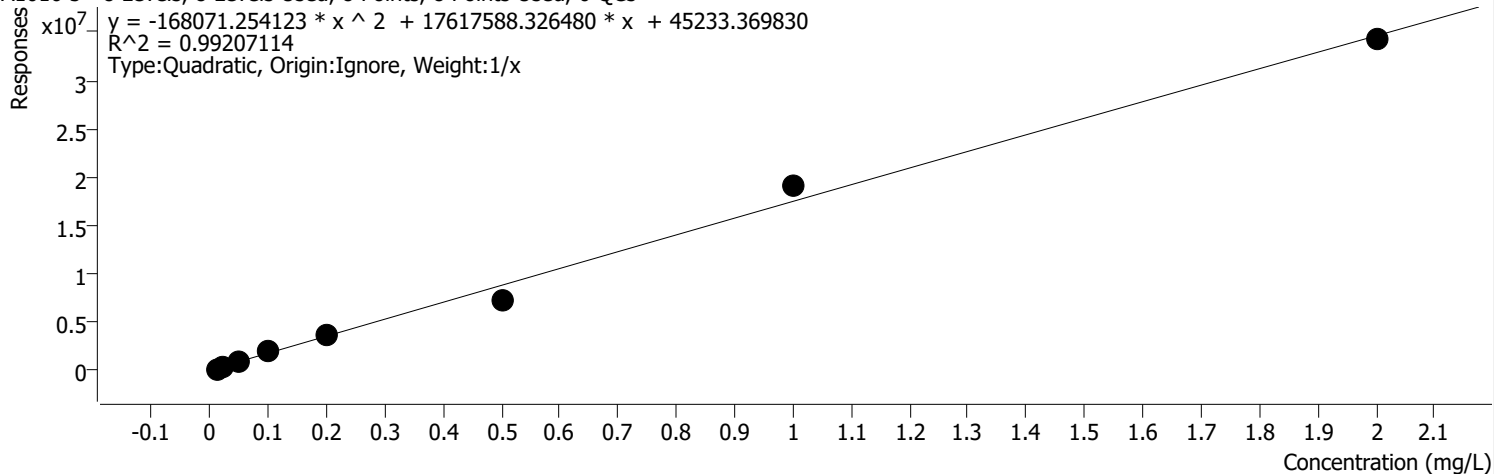
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	162196	0.0100	16219643 .7222	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	304001	0.0200	15200055 .7967	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	679286	0.0500	13585712 .4859	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1393721	0.1000	13937209 .0817	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	2360368	0.2000	11801842 .3994	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	4564234	0.5000	9128468. 2637	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	10738358	1.0000	10738358 .4993	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	20309085	2.0000	10154542 .3310	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin		
Analysis Time	11/18/2021 12:31 PM	Analyst Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Reporter Name	FA\GC1625
Last Calib Update	11/18/2021 12:31 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 5 %RSE = 16.3

A1016 5 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

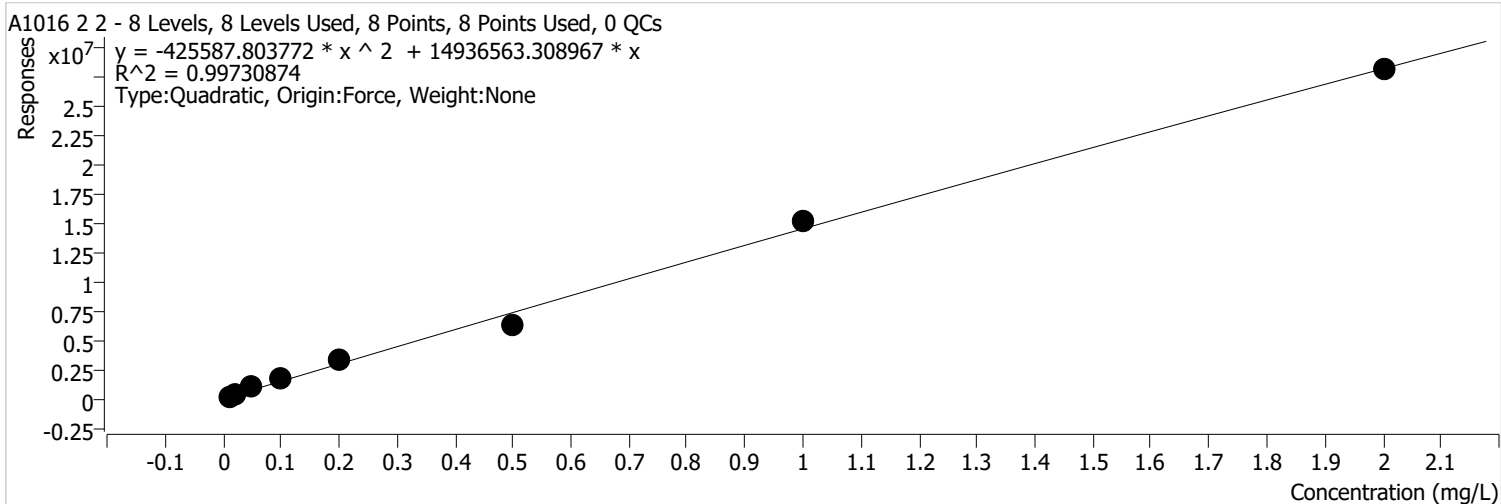


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1035989	0.0500	20719782 .8600	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2039362	0.1000	20393624 .8763	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3662990	0.2000	18314948 .2969	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7236474	0.5000	14472948 .5739	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	19064725	1.0000	19064724 .7814	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	34192501	2.0000	17096250 .6060	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin		
Analysis Time	11/18/2021 12:31 PM	Analyst Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Reporter Name	FA\GC1625
Last Calib Update	11/18/2021 12:31 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 2 2 %RSE = 31.5

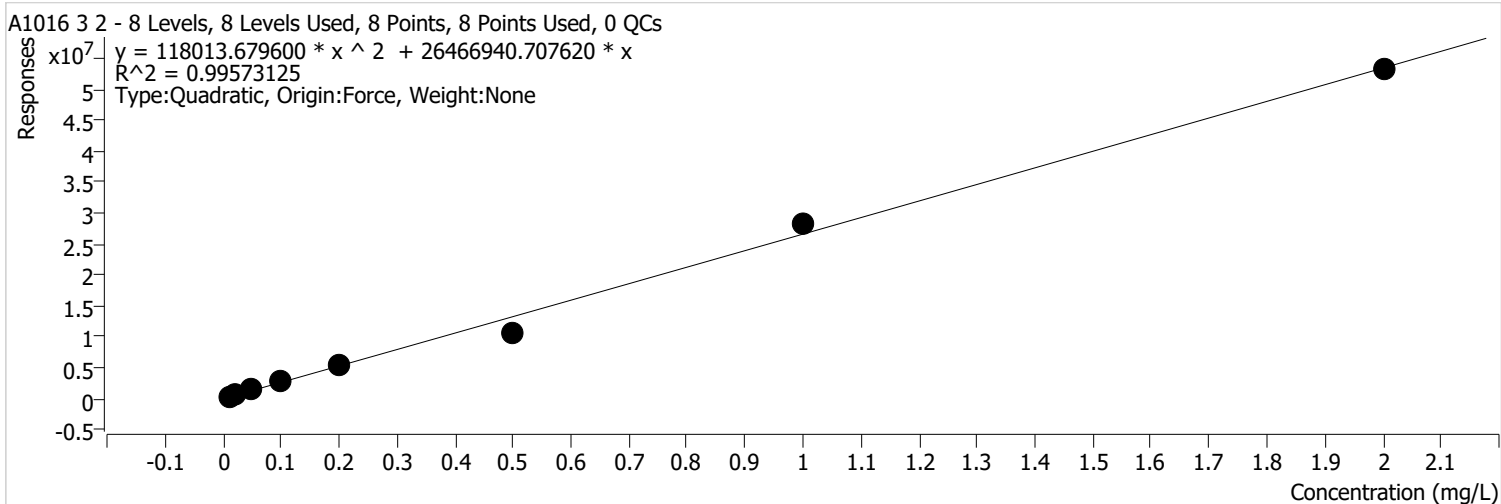


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	418252	0.0200	20912585 .1103	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	949932	0.0500	18998635 .4300	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1786478	0.1000	17864779 .8493	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3229064	0.2000	16145320 .8774	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6271490	0.5000	12542979 .3358	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15153231	1.0000	15153230 .5254	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28074890	2.0000	14037444 .8486	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 2 %RSE = 21.5

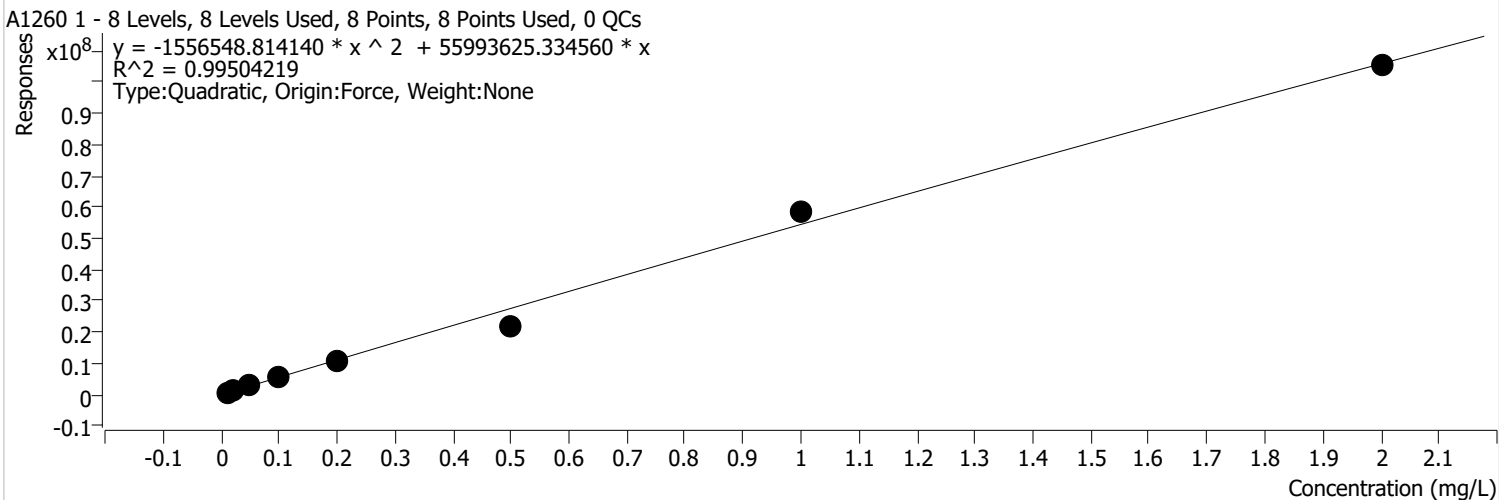


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	653143	0.0200	32657143 .5971	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1516050	0.0500	30321003 .8760	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2962224	0.1000	29622239 .9393	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5319469	0.2000	26597344 .2684	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10659811	0.5000	21319621 .4292	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	28444607	1.0000	28444607 .3592	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	53102586	2.0000	26551293 .2057	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 %RSE = 18.0



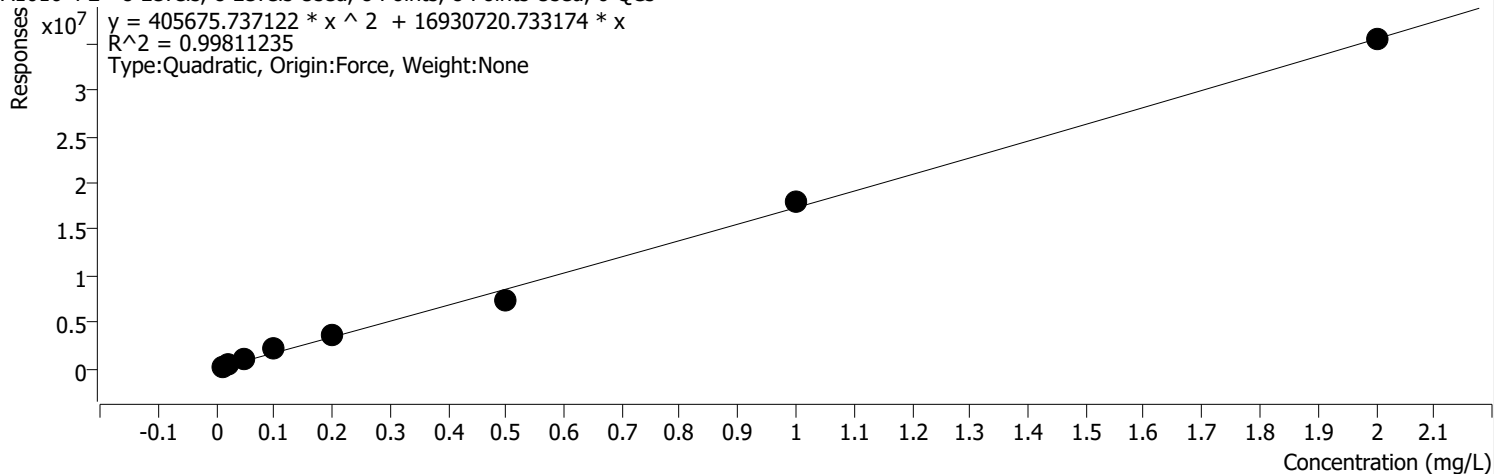
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	693316	0.0100	69331613 .7729	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1319661	0.0200	65983040 .6672	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3170575	0.0500	63411497 .3457	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6062315	0.1000	60623150 .1718	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	11096841	0.2000	55484202 .9755	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	22046529	0.5000	44093058 .0075	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	58484147	1.0000	58484146 .8930	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105095802	2.0000	52547900 .8917	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 2 %RSE = 26.1

A1016 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



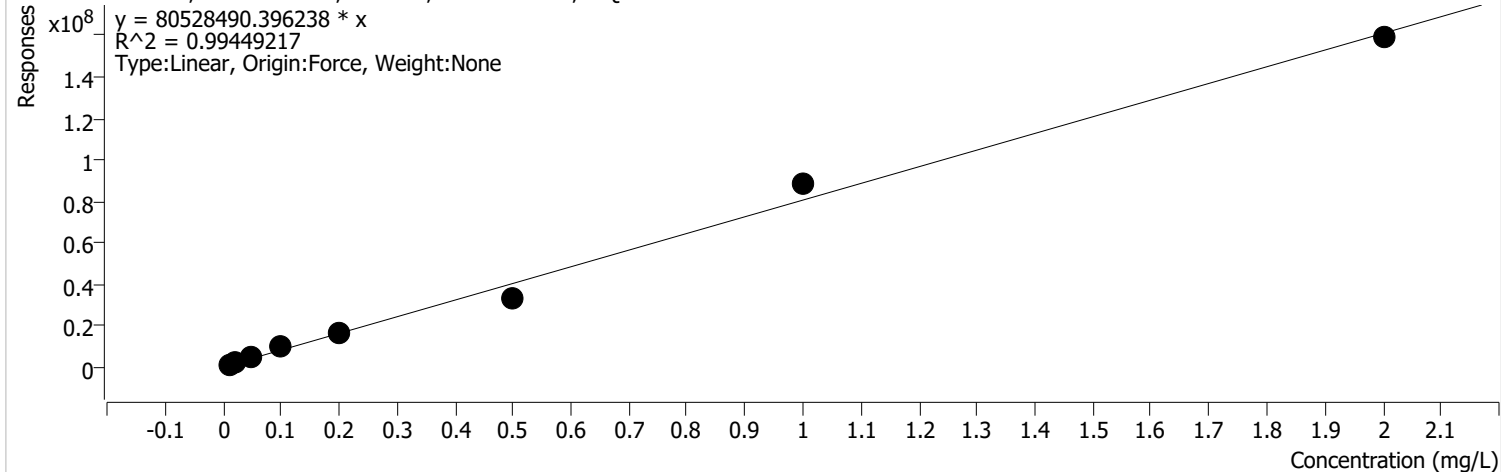
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	224806	0.0100	22480597 .5199	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	440280	0.0200	22013999 .9700	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1066664	0.0500	21333280 .1504	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2077680	0.1000	20776801 .7758	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3744000	0.2000	18719998 .8121	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7432530	0.5000	14865059 .5050	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17965306	1.0000	17965305 .8415	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	35393292	2.0000	17696645 .7608	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 %RSE = 19.9

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



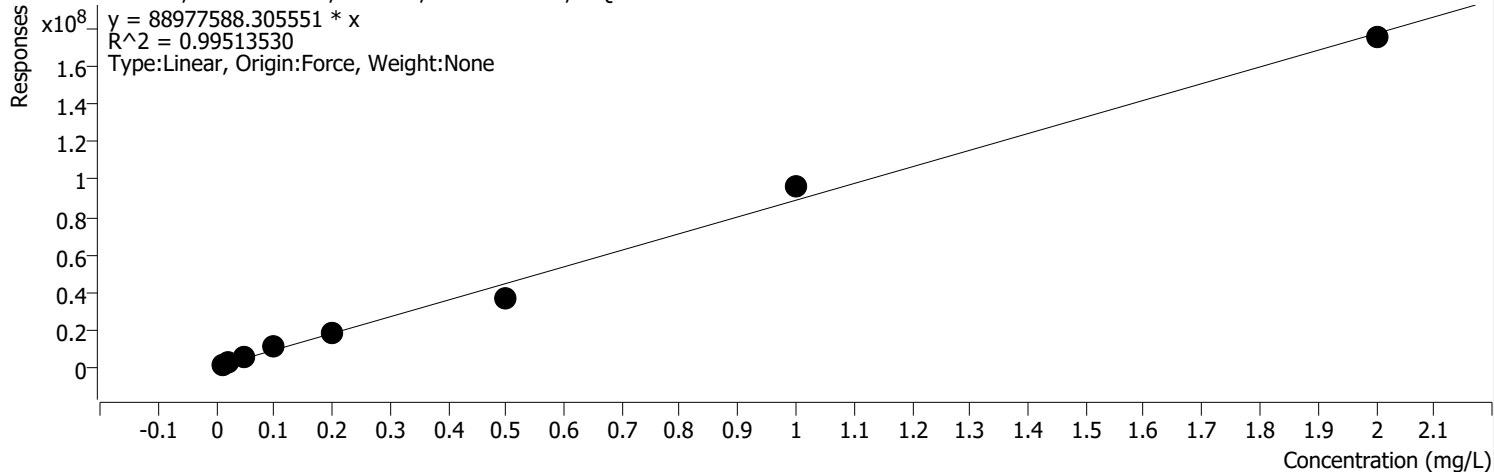
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	4904582	0.0500	98091636 .1280	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	9246193	0.1000	92461928 .1525	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	16515515	0.2000	82577576 .6223	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	32893263	0.5000	65786525 .0817	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	88318086	1.0000	88318086 .2015	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	158877532	2.0000	79438766 .1175	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 %RSE = 19.0

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

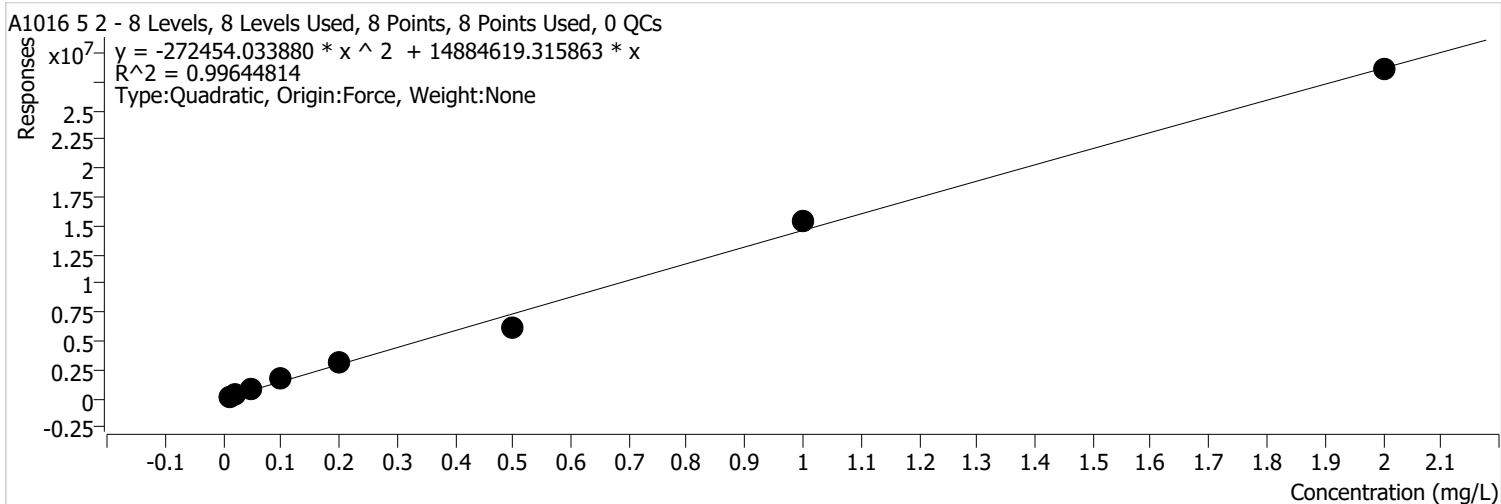


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2266076	0.0200	11330379 4.8708	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	5339762	0.0500	10679524 0.0005	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	10233940	0.1000	10233939 7.3536	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	18655435	0.2000	93277174 .1700	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	36843220	0.5000	73686440 .8858	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	97001486	1.0000	97001485 .9821	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	175673815	2.0000	87836907 .6900	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 2 %RSE = 15.6



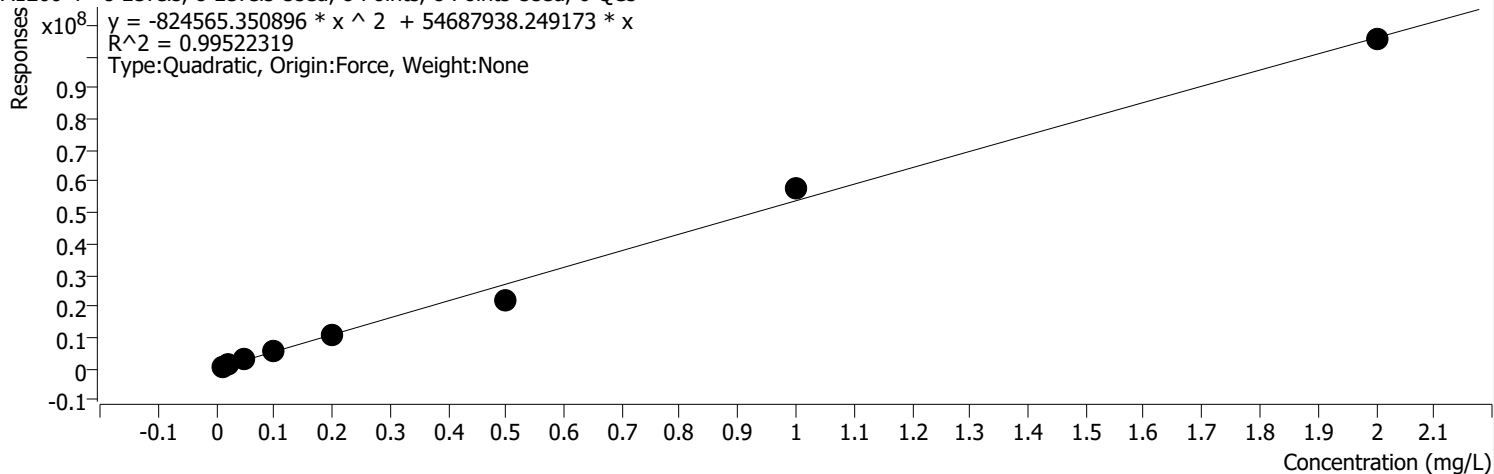
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	339072	0.0200	16953617 .7172	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	874896	0.0500	17497923 .2254	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1692048	0.1000	16920475 .0877	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3079390	0.2000	15396950 .2499	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6084661	0.5000	12169321 .9336	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15484491	1.0000	15484490 .7231	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28540201	2.0000	14270100 .4826	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 %RSE = 26.4

A1260 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -824565.350896 * x^2 + 54687938.249173 * x$
 $R^2 = 0.99522319$
 Type: Quadratic, Origin: Force, Weight: None

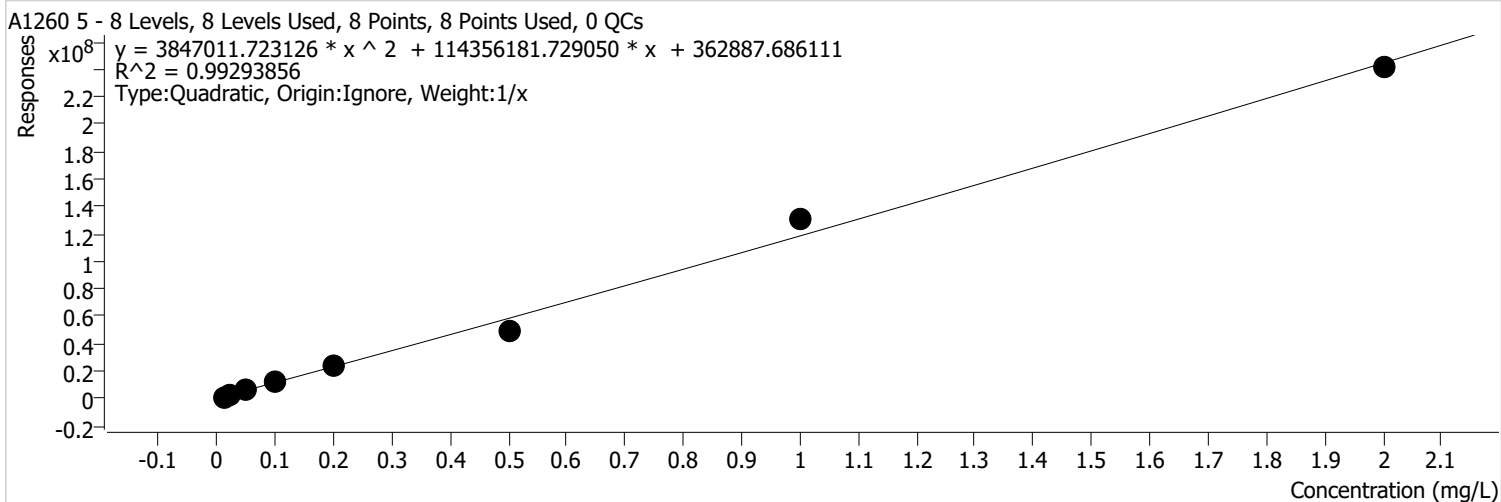


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1336301	0.0200	66815037 .1824	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3127375	0.0500	62547492 .6676	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6038966	0.1000	60389655 .9714	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10889214	0.2000	54446071 .0101	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21669221	0.5000	43338442 .2614	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57807238	1.0000	57807237 .5854	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105431867	2.0000	52715933 .5565	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 %RSE = 11.3

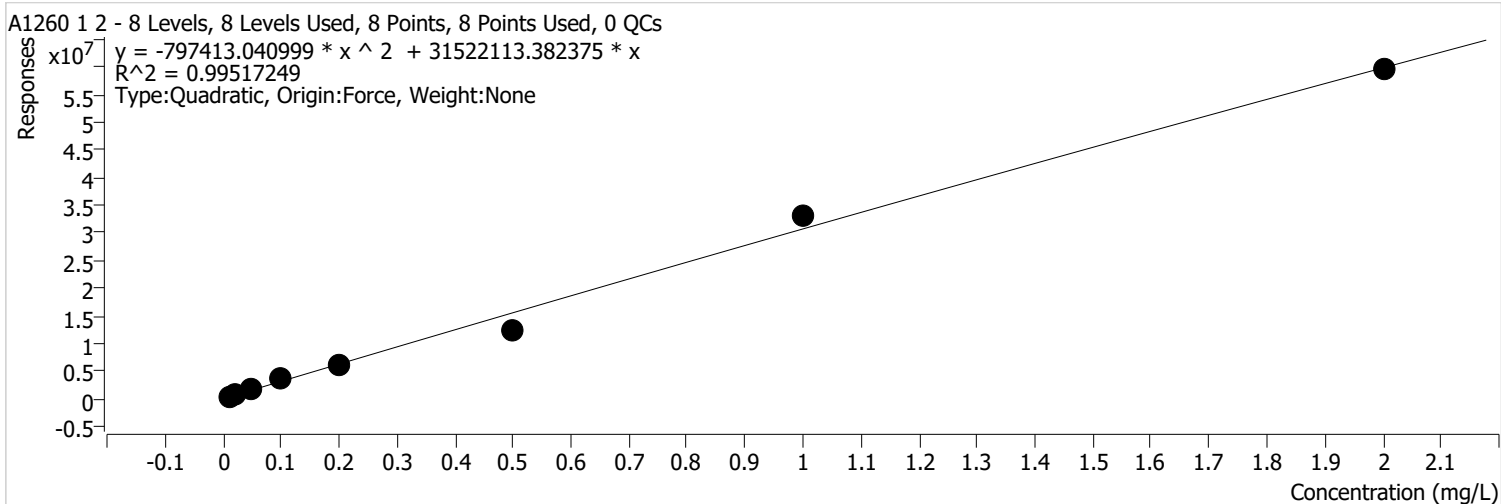


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1383613	0.0100	13836131 7.7950	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2690941	0.0200	13454706 3.8572	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	6519981	0.0500	13039961 8.6371	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	12793202	0.1000	12793202 2.1217	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	23841366	0.2000	11920683 1.9695	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	48448879	0.5000	96897758 .9707	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	130343343	1.0000	13034334 3.3107	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	240984463	2.0000	12049223 1.4882	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 2 %RSE = 16.1



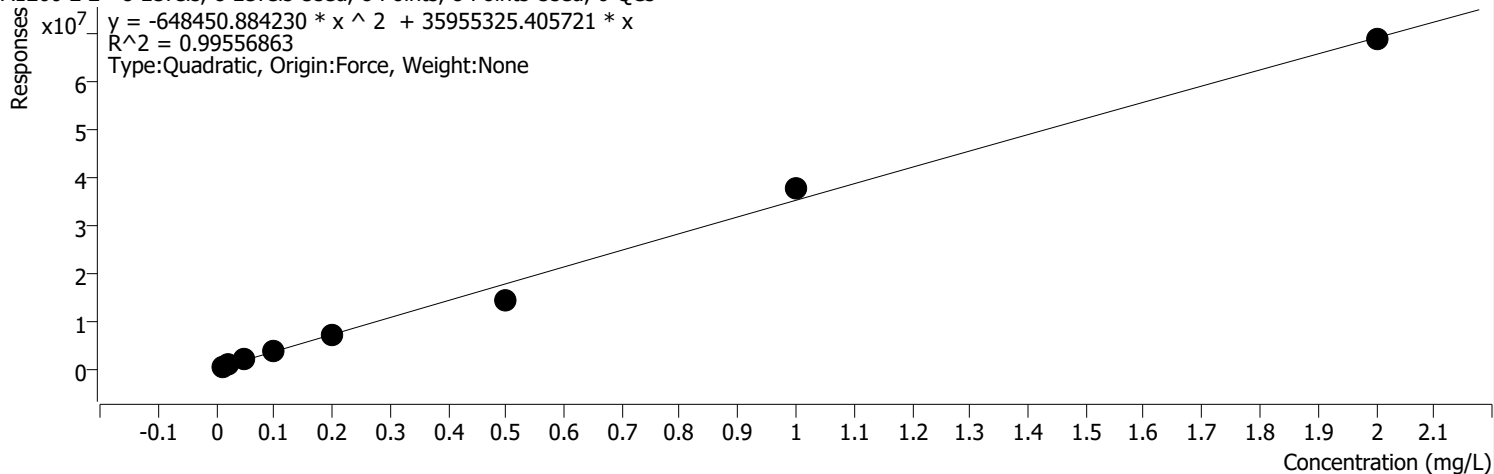
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D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6232292	0.2000	31161462.3284	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	12458130	0.5000	24916260.8090	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32970063	1.0000	32970063.2530	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	59486526	2.0000	29743262.8515	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 2 %RSE = 18.7

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



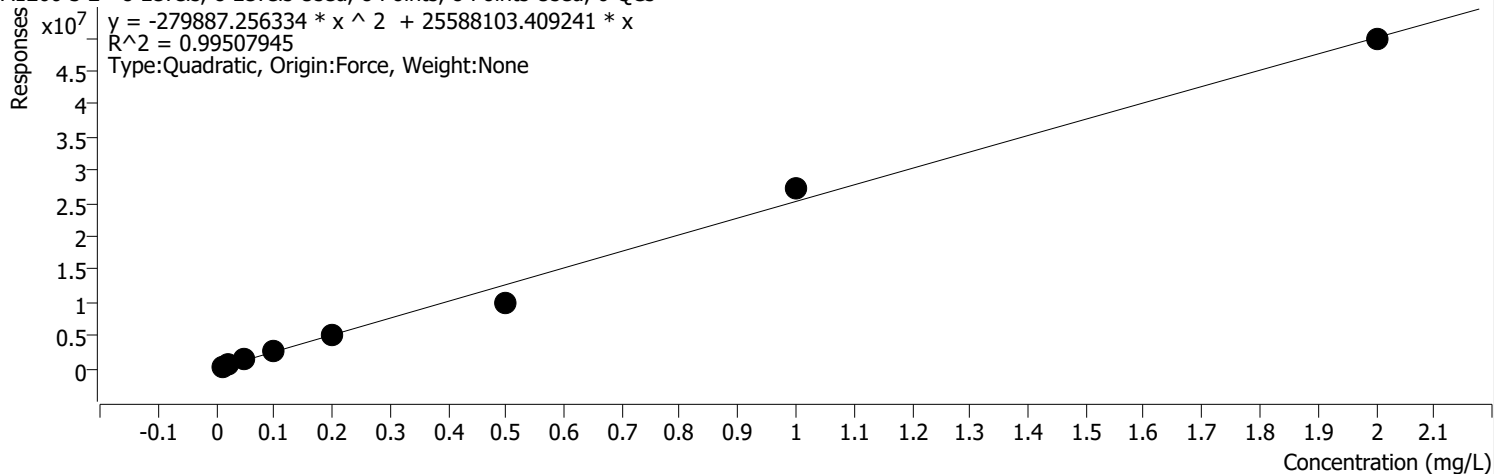
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2066107	0.0500	41322135 .1458	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3926987	0.1000	39269873 .5003	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	7205702	0.2000	36028510 .4123	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	14364097	0.5000	28728193 .1205	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	37782579	1.0000	37782579 .0219	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	68912200	2.0000	34456100 .1074	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 2 %RSE = 15.3

A1260 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



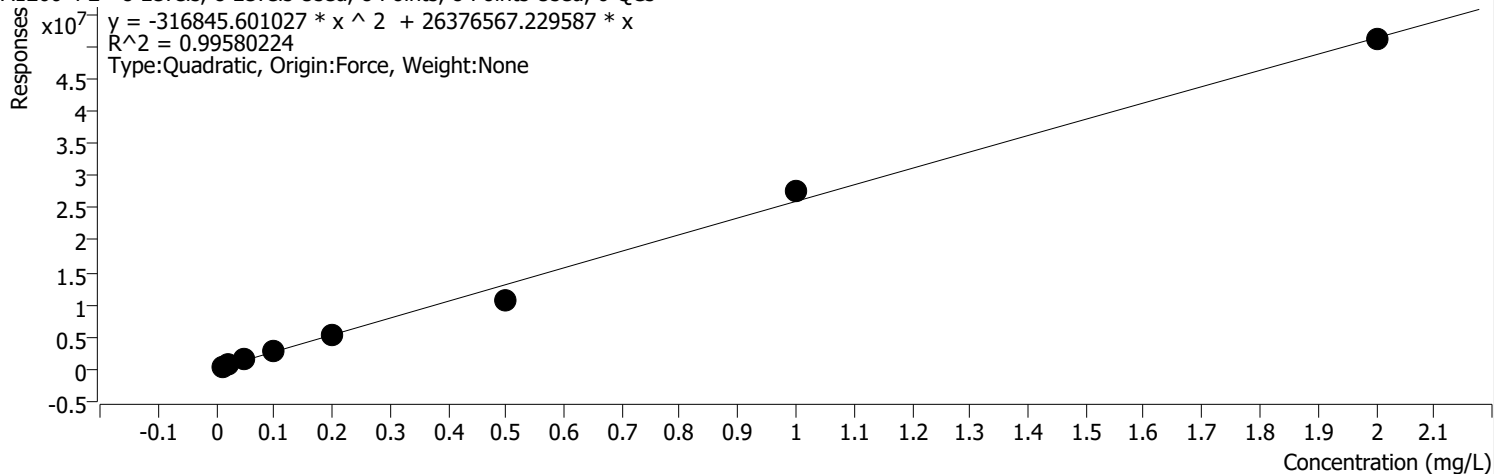
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	582796	0.0200	29139800 .4167	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1475327	0.0500	29506538 .8031	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2733900	0.1000	27339002 .8477	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5012189	0.2000	25060943 .9085	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10120336	0.5000	20240672 .6800	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27239902	1.0000	27239901 .6360	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49736839	2.0000	24868419 .4812	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 2 %RSE = 13.3

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



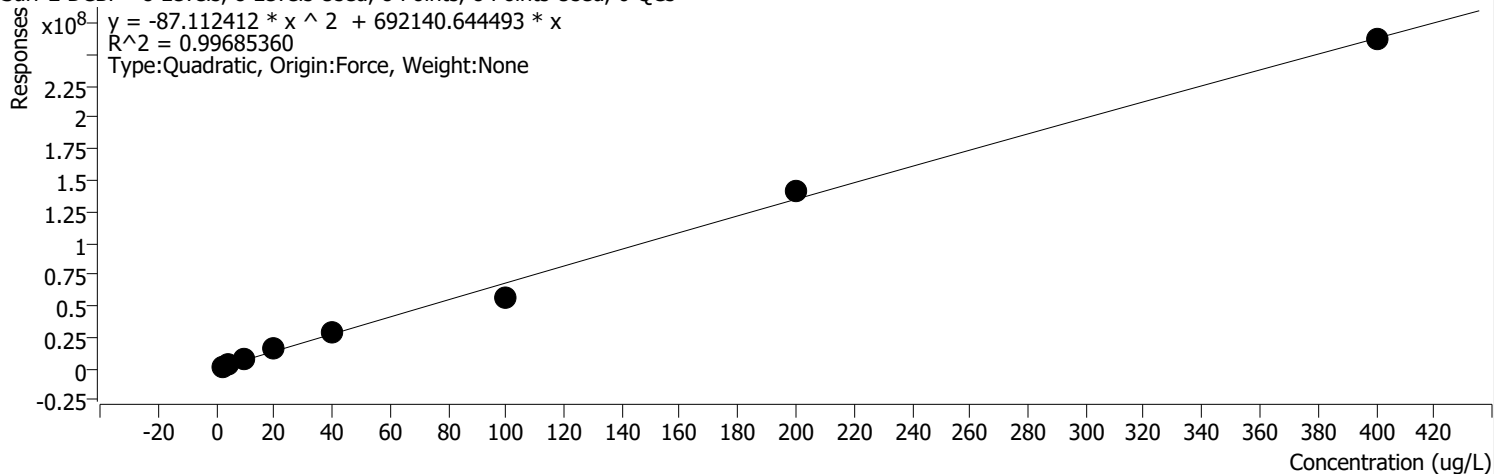
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2824547	0.1000	28245474 .3750	
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D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27839685	1.0000	27839685 .4125	
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Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE = 23.4

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



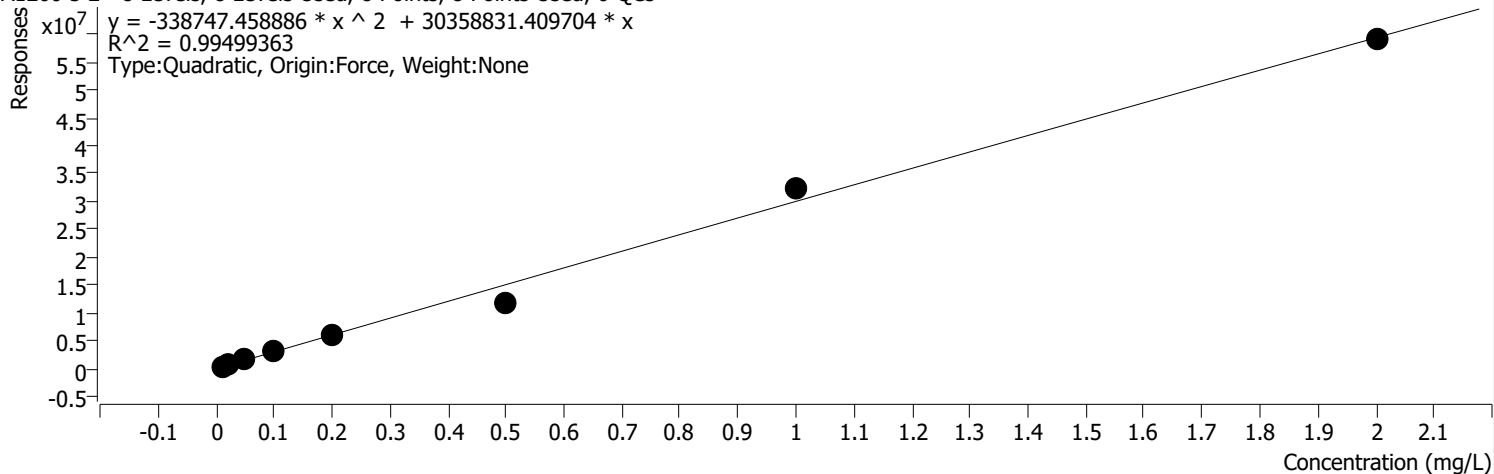
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	3497929	4.0000	874482.2 268	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	8284029	10.0000	828402.8 780	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15955410	20.0000	797770.5 106	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	29060736	40.0000	726518.4 072	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	57209022	100.0000	572090.2 214	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	142169181	200.0000	710845.9 034	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	261786300	400.0000	654465.7 491	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 2 %RSE = 12.1

A1260 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



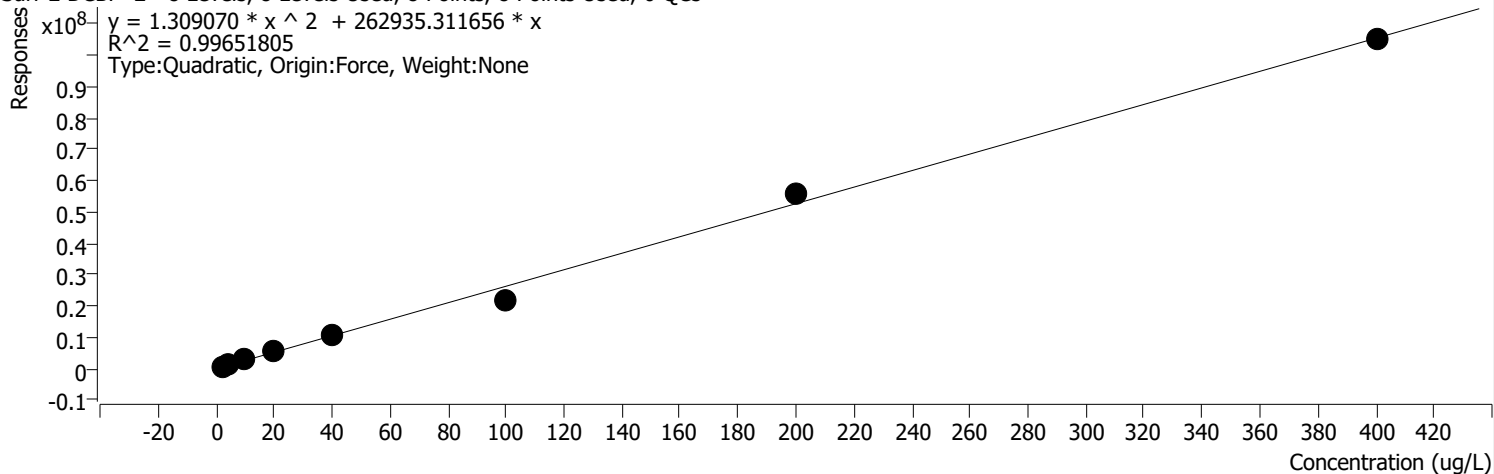
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3238542	0.1000	32385424 .8452	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6000115	0.2000	30000573 .6052	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11969487	0.5000	23938973 .1120	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32330249	1.0000	32330248 .9179	
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Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE = 14.8

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1180748	4.0000	295186.9 240	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3033483	10.0000	303348.3 302	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5879991	20.0000	293999.5 624	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10568518	40.0000	264212.9 454	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21665223	100.0000	216652.2 290	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	55938835	200.0000	279694.1 773	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104846501	400.0000	262116.2 533	

PCB Calibration

+ 9270 ICAL

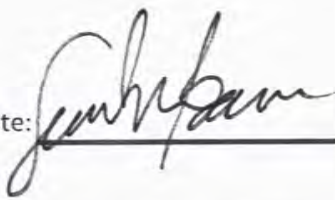
Date: 11/17/21
 Analyst: Sam Berman
 Hexane: 6023

Cal	ICV
Aroclor 1660: <u>25029</u>	Aroclor 1660: <u>24706</u>
Aroclor 1254: <u>23806</u>	Aroclor 1254: <u>24708</u>

Surrogate: 1L21: 20519 26186 IS: 26161 1221: 25029 23016
808 11/17/21

Spike Conc. (ppb)	Surr Conc. (ppb)	2° Spike (uL)	1° Spike (uL)	Surr (uL)	Remove (uL)	Final Vol. (mL)	Comments
10	2	5	--	--	5	1	
20	4	10	--	--	10	1	
50	10	25	--	--	25	1	
100	20	50	--	--	50	1	
200	40	100	--	--	100	1	
500	100	250	--	--	250	1	
1000	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>808 11/17/21</u>
2000	400	--	2 <u>0</u>	2 <u>0</u>	4 <u>22</u>	1	<u>808 11/17/21</u>
ICB	200	--	--	1 <u>0</u>	± <u>10</u>	1	<u>808 11/17/21</u>
ICV (1000 ppb)	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>808 11/17/21</u>

	1660 (uL)	1254 (uL)	Surr (uL)	Final Volume (mL)
2° Intermediate (1660)	2	--	2 <u>0</u>	1
2° Intermediate (1254)	--	2	2 <u>0</u>	1

Signature and Date:  11/17/21

DATA SET for Review -- Deliverable Requirements

Total Metals by EPA Method 6020B

Fremont Analytical Work Order No. 2110520

Shannon & Wilson

Project Name: 8801- Excavations

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information
- Tune Information

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\

Report Date/Time: Tuesday, November 02, 2021 07:27:05

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	WASH	08:21:21	Mon 01-N	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	WASH	08:26:55	Mon 01-N	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	NEW 2%	08:32:29	Mon 01-N	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	NEW 2%	08:38:03	Mon 01-N	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	CAL BLK IS 23514	08:54:26	Mon 01-N	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 1	08:56:30	Mon 01-N	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 2	08:58:33	Mon 01-N	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 3	09:00:35	Mon 01-N	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 4	09:02:38	Mon 01-N	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 5	09:04:41	Mon 01-N	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 6	09:06:44	Mon 01-N	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 7	09:08:47	Mon 01-N	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 8	09:10:49	Mon 01-N	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
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	ICB	09:14:56	Mon 01-NQC	Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	ICV	09:17:00	Mon 01-NQC	Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
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	Standard 2	10:20:35	Mon 01-N	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 3	10:22:55	Mon 01-N	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 4	10:25:14	Mon 01-N	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 5	10:27:34	Mon 01-N	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
	Standard 6	10:29:53	Mon 01-N	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110121eh\
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2110378-003B 10X	11:08:48 Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
CCV	11:11:08 Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCV	11:15:53 Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCB	11:18:13 Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
WASH	11:23:01 Mon 01-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCV	11:25:21 Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCB	11:27:41 Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
2110367-001B	11:33:31 Mon 01-NSample	C:\Users\Public\DocumSAMP,M-SAR-W	gistix\ICPMS\DataSet\Nov2021\1101
wash	11:44:51 Mon 01-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
wash	11:47:11 Mon 01-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
MB-34239	12:09:41 Mon 01-NSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
LCS-34239	12:12:00 Mon 01-NSample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
2110441-002A	12:14:20 Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
2110441-002ADUP	12:16:38 Mon 01-NSample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
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2110441-002AMSD	12:21:17 Mon 01-NSample	C:\Users\Public\DocumMSD,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
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MB-34239	12:29:49 Mon 01-NSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
CCV	12:32:10 Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCB	12:34:29 Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
WASH	12:36:49 Mon 01-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCV	12:39:09 Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCB	12:41:29 Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
2110505-002A	13:02:22 Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
CCV	13:04:42 Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCB	13:07:02 Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
WASH	13:09:21 Mon 01-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCV	13:11:41 Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCB	13:14:01 Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
MB-34223	13:39:58 Mon 01-NSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1101
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2110445-001A	13:44:36 Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1101
2110445-001ADIL	13:46:56 Mon 01-NSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1101
2110445-001AMS	13:49:15 Mon 01-NSample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1101
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2110445-003A	13:58:33 Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1101
2110445-004A	14:00:52 Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1101
CCV	14:03:12 Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCB	14:05:32 Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
WASH	14:07:51 Mon 01-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCV	14:10:11 Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CCB	14:12:30 Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
CAL BLK IS 23514	15:15:52 Mon 01-NBlank	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
Standard 1	15:21:26 Mon 01-NSandard #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
Standard 2	15:27:00 Mon 01-NSandard #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
Standard 3	15:32:34 Mon 01-NSandard #3	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
Standard 4	15:38:08 Mon 01-NSandard #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
Standard 5	15:43:42 Mon 01-NSandard #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
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ICV	16:17:07 Mon 01-NQC Std #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
WASH	16:22:41 Mon 01-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101
ICV	16:28:15 Mon 01-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1101

WASH	16:33:49	Mon 01-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101
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2110418-001C	17:01:43	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T gistix\ICPMS\DataSet\Nov2021\1101
2110426-001E 2X	17:07:18	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T gistix\ICPMS\DataSet\Nov2021\1101
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CCB	17:24:01	Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101
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CCB	18:30:57	Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101
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2110520-001A	18:53:15	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1101
2110520-002A	18:58:49	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1101
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2110520-004A	19:09:57	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1101
2110520-005A	19:15:31	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1101
2110520-006A	19:21:05	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1101
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CCV	19:32:14	Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101
CCB	19:37:48	Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101
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2110446-002A	19:48:57	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1101
2110446-003A	19:54:31	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1101
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2110470-001A	20:22:21	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1101
2110470-003A	20:27:55	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1101
WASH	20:33:30	Mon 01-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101
CCV	20:39:04	Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101
CCB	20:44:38	Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101
2110010-003D	20:50:13	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-D gistix\ICPMS\DataSet\Nov2021\1101
2110010-003D	20:55:47	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-D gistix\ICPMS\DataSet\Nov2021\1101
2110428-001A	21:01:22	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T gistix\ICPMS\DataSet\Nov2021\1101
2110430-001B 100X	21:06:56	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T gistix\ICPMS\DataSet\Nov2021\1101
2110439-001A 500X	21:12:30	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T gistix\ICPMS\DataSet\Nov2021\1101
2110439-002A 500X	21:18:04	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T gistix\ICPMS\DataSet\Nov2021\1101
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2110439-004A 500X	21:29:12	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T gistix\ICPMS\DataSet\Nov2021\1101
2110439-005A 500X	21:34:45	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T gistix\ICPMS\DataSet\Nov2021\1101
2110439-006A 500X	21:40:19	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T gistix\ICPMS\DataSet\Nov2021\1101
CCV	21:45:54	Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101
CCB	21:51:29	Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101
2110442-001C	21:57:04	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T gistix\ICPMS\DataSet\Nov2021\1101
2110448-001A	22:02:38	Mon 01-NSample	C:\Users\Public\DocumSAMP,M-200.8-T gistix\ICPMS\DataSet\Nov2021\1101

2110450-001A	22:08:12 Mon 01-\Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
2110450-002A	22:13:46 Mon 01-\Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
2110451-001B	22:19:20 Mon 01-\Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
2110451-002B	22:24:54 Mon 01-\Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
2110454-001A 5X	22:30:28 Mon 01-\Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
2110454-002A 5X	22:36:02 Mon 01-\Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
2111008-001A 50X	22:41:37 Mon 01-\Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1101
ICSA	22:47:12 Mon 01-\Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101	
CCV	22:52:46 Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101	
CCB	22:58:21 Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101	
LDR	23:03:56 Mon 01-\Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101	
CCV	23:09:31 Mon 01-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101	
CCB	23:15:06 Mon 01-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101	
2%	23:20:40 Mon 01-NQC Std #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101	
DI	23:26:14 Mon 01-NQC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1101	

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110221eh\

Report Date/Time: Wednesday, November 03, 2021 07:40:00

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	CONE COND	09:54:44 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	CONE COND	10:00:18 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	CONE COND	10:05:52 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	WASH	10:11:26 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	WASH	10:17:01 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	NEW 2%	10:22:35 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	B.LANK	10:28:10 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	CAL BLK IS 23514	10:34:46 Tue	02-NBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	Standard 1	10:38:06 Tue	02-NStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	Standard 2	10:40:25 Tue	02-NStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	Standard 3	10:42:45 Tue	02-NStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	Standard 4	10:45:04 Tue	02-NStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	Standard 5	10:47:23 Tue	02-NStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	Standard 6	10:49:43 Tue	02-NStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	Standard 7	10:52:02 Tue	02-NStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	Standard 8	10:54:22 Tue	02-NStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	WASH	10:56:42 Tue	02-NQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	ICB	10:59:01 Tue	02-NQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	ICV	11:01:21 Tue	02-NQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	WASH	11:03:40 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	ICV	11:15:15 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	ICSA	11:21:07 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	LDR	11:23:28 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	WASH	11:25:48 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	WASH	11:28:08 Tue	02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	MB-34225	11:33:00 Tue	02-NSample	C:\Users\Public\DocumMBLK,M200.8-D	gistix\ICPMS\DataSet\Nov2021\1102
	MB-34225FB	11:35:20 Tue	02-NSample	C:\Users\Public\DocumMBLK,M200.8-D	gistix\ICPMS\DataSet\Nov2021\1102
	LCS-34225	11:37:40 Tue	02-NSample	C:\Users\Public\DocumLCS,M-200.8-D	gistix\ICPMS\DataSet\Nov2021\1102
	LCS-34223	11:40:00 Tue	02-NSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110520-002A 100X	11:42:20 Tue	02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110446-004A 5X	11:44:40 Tue	02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110453-001A 100X	11:47:00 Tue	02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110453-001A 20X	11:49:20 Tue	02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110470-001A 5X	11:51:40 Tue	02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110470-003A 5X	11:54:00 Tue	02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	CCV	11:56:20 Tue	02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	CCB	11:58:40 Tue	02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	MB-34240	12:06:01 Tue	02-NSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	LCS-34240	12:08:20 Tue	02-NSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110520-012A	12:10:39 Tue	02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110520-012ADIL	12:12:59 Tue	02-NSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110520-012AMS	12:15:18 Tue	02-NSample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110520-012AMSD	12:17:37 Tue	02-NSample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110520-012APDS	12:19:57 Tue	02-NSample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110520-010A	12:22:16 Tue	02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110520-011A	12:24:35 Tue	02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	2110520-013A	12:26:55 Tue	02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
	CCV	12:29:15 Tue	02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	
	CCB	12:31:35 Tue	02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102	

2110520-018A	12:35:09 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110520-019A	12:37:28 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110520-020A	12:39:48 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110520-029A	12:42:07 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110520-030A	12:44:27 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110520-036A	12:46:46 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110520-037A	12:49:06 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
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2110521-022A	12:53:44 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110521-023A	12:56:03 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
CCV	12:58:23 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	13:00:43 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCV	13:06:04 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	13:08:24 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
2110521-024A	13:10:45 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110521-025A	13:13:04 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110521-026A	13:15:23 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110521-027A	13:17:43 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110521-028A	13:20:02 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110521-029A	13:22:21 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110453-001A 1000X	13:24:41 Tue 02-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCV	13:27:01 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	13:29:21 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCV	13:37:06 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	13:39:26 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
WASH	13:45:21 Tue 02-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCV	13:47:40 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	13:50:00 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
MB-34258	13:55:41 Tue 02-NSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
LCS-34258	13:58:00 Tue 02-NSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110521-030A	14:00:20 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110521-030ADIL	14:02:39 Tue 02-NSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110521-030AMS	14:04:58 Tue 02-NSample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110521-030AMSD	14:07:18 Tue 02-NSample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110521-030APDS	14:09:37 Tue 02-NSample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2111022-003A	14:11:56 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2111022-004A	14:14:16 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2111022-005A	14:16:35 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
CCV	14:18:55 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	14:21:15 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
2111022-006A	14:24:30 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
LCS-34240	14:26:50 Tue 02-NSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110520-012A 100X	14:29:09 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110520-018A 100X	14:31:30 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110520-019A 100X	14:33:49 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110520-020A 100X	14:36:08 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
2110520-036A 100X	14:38:29 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
LCS-34258	14:40:48 Tue 02-NSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1102
CCV	14:43:09 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	14:45:29 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
MB-34260	14:47:49 Tue 02-NSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102
LCS-34260	14:50:08 Tue 02-NSample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102
2110513-001A	14:52:28 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102
2110513-001ADUP	14:54:47 Tue 02-NSample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102
2110513-001AMS	14:57:06 Tue 02-NSample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102
2110513-001AMSD	14:59:26 Tue 02-NSample	C:\Users\Public\DocumMSD,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102
2110519-001D	15:01:45 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102
CCV	15:04:05 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	15:06:25 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102
CAL BLK IS 23514	15:16:35 Tue 02-NBlank	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1102

Standard 1	15:21:09 Tue 02-NStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
Standard 2	15:26:43 Tue 02-NStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
Standard 3	15:32:17 Tue 02-NStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
Standard 4	15:37:51 Tue 02-NStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
Standard 5	15:43:25 Tue 02-NStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
Standard 6	15:48:59 Tue 02-NStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
Standard 7	15:54:33 Tue 02-NStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
Standard 8	16:00:07 Tue 02-NStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
WASH	16:05:42 Tue 02-NQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
ICB	16:11:16 Tue 02-NQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
ICV	16:16:51 Tue 02-NQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
WASH	16:22:24 Tue 02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
ICSA	16:27:59 Tue 02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
WASH	16:33:33 Tue 02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
WASH	16:39:08 Tue 02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
LCS-34240	16:44:43 Tue 02-NSample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110520-012A 100X	16:50:18 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110520-018A 100X	16:55:53 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110520-019A 100X	17:01:27 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110520-020A 100X	17:07:02 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110520-036A 100X	17:12:37 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
CCV	17:18:11 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	17:23:46 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
LCS-34258	17:29:21 Tue 02-NSample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110521-030A	17:34:55 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110521-030ADIL	17:40:30 Tue 02-NSample	C:\Users\Public\DocumSD,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2111022-006A	17:46:04 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110473-001A	17:51:38 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110473-002A	17:57:12 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110473-004A	18:02:46 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110473-005A	18:08:20 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110473-007A	18:13:55 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110473-008A	18:19:29 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
CCV	18:25:03 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	18:30:38 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
2110473-010A	18:36:12 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110473-011A	18:41:47 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110473-013A	18:47:21 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110473-014A	18:52:55 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2111001-001A	18:58:29 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2111001-003A	19:04:03 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2111001-005A	19:09:36 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110504-001A	19:15:10 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110504-003A	19:20:44 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Nov2021\1102
2110428-001A	19:26:19 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1102
CCV	19:31:53 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	19:37:28 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
2110442-001C	19:43:03 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1102
2110448-001A 10X	19:48:37 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1102
2110450-001A	19:54:12 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1102
2110450-002A	19:59:47 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1102
2110451-001B	20:05:22 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1102
2110451-002B	20:10:57 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1102
2110545-001A 10X	20:16:31 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1102
2110545-002A 10X	20:22:06 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1102
WASH	20:27:41 Tue 02-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
MB-34260	20:33:16 Tue 02-NSample	C:\Users\Public\DocumMBLK,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1102
CCV	20:38:50 Tue 02-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
CCB	20:44:25 Tue 02-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1102
LCS-34260	20:49:59 Tue 02-NSample	C:\Users\Public\DocumLCS,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1102

2110513-001A	20:55:34 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102
2110513-001ADUP	21:01:08 Tue 02-NSample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102
2110513-001AMS	21:06:42 Tue 02-NSample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102
2110513-001AMSD	21:12:16 Tue 02-NSample	C:\Users\Public\DocumMSD,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102
2110519-001D	21:17:50 Tue 02-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1102

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110821tn\

Report Date/Time: Tuesday, November 09, 2021 04:07:32

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	12:27:02 Mon 08-	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	WASH	12:33:23 Mon 08-	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	CAL BLK IS 23514	12:38:00 Mon 08-	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	WASH	12:49:26 Mon 08-	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	WASH	12:51:45 Mon 08-	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	CAL BLK IS 23514	12:54:05 Mon 08-	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	Standard 1	12:56:25 Mon 08-	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	Standard 2	12:58:44 Mon 08-	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	Standard 3	13:01:03 Mon 08-	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	Standard 4	13:03:23 Mon 08-	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	Standard 5	13:05:42 Mon 08-	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	Standard 6	13:08:01 Mon 08-	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	Standard 7	13:10:20 Mon 08-	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	Standard 8	13:12:39 Mon 08-	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	WASH	13:14:59 Mon 08-	NQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	ICB	13:17:19 Mon 08-	NQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	ICV	13:19:39 Mon 08-	NQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	ICSA	13:25:13 Mon 08-	Sample	C:\Users\Public\DocumICSA,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	&SampID	13:27:33 Mon 08-	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	MB-34284	13:29:53 Mon 08-	Sample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	LCS-34284	13:32:13 Mon 08-	Sample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110511-005A	13:34:32 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110511-005ADIL	13:36:53 Mon 08-	Sample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110511-005AMS	13:39:12 Mon 08-	Sample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110511-005AMSD	13:41:32 Mon 08-	Sample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110511-005APDS	13:43:51 Mon 08-	Sample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110511-003A	13:46:11 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	CCV	13:48:31 Mon 08-	NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	CCB	13:50:51 Mon 08-	NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	2110511-013A	13:53:11 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110511-018A	13:55:30 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110511-023A	13:57:49 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110511-028A	14:00:09 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110511-032A	14:02:28 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110511-039A	14:04:47 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110520-008A	14:07:07 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110520-009A	14:09:26 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110520-014A	14:11:45 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110520-015A	14:14:04 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	CCV	14:16:24 Mon 08-	NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	CCB	14:18:44 Mon 08-	NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	
	2110520-021A	14:21:04 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110520-022A	14:23:23 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110520-023A	14:25:42 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110520-027A	14:28:02 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110520-033A	14:30:21 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110520-039A	14:32:40 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2110520-040A	14:35:00 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	2111027-001A	14:37:19 Mon 08-	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
	&SampID	14:39:39 Mon 08-	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1108	

MB-34316	14:42:00 Mon 08-1Sample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
CCV	14:44:20 Mon 08-1QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
CCB	14:46:40 Mon 08-1QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
LCS-34316	14:49:00 Mon 08-1Sample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111089-001A	14:51:19 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111089-001ADIL	14:53:39 Mon 08-1Sample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111089-001AMS	14:55:58 Mon 08-1Sample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111089-001AMSD	14:58:18 Mon 08-1Sample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111089-001APDS	15:00:37 Mon 08-1Sample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111089-002A	15:02:56 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111089-003A	15:05:15 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2110509-001A	15:07:35 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2110509-002A	15:09:54 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
CCV	15:12:14 Mon 08-1QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
CCB	15:14:34 Mon 08-1QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
2111030-001A	15:16:54 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111030-002A	15:19:13 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111035-001A	15:21:33 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111035-003A	15:23:52 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111035-004A	15:26:12 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111035-006A	15:28:31 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111053-001A	15:30:51 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111053-003A	15:33:10 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111053-006A	15:35:29 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111053-008A	15:37:49 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
CCV	15:40:09 Mon 08-1QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
CCB	15:44:55 Mon 08-1QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
2111060-001A	15:47:15 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111060-003A	15:49:35 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111060-005A	15:51:54 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111066-001A	15:54:14 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111027-006A	15:56:36 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
CCV	16:02:02 Mon 08-1Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
CCB	16:04:21 Mon 08-1Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
WASH	17:16:33 Mon 08-1Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
WASH	17:22:07 Mon 08-1Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
CAL BLK IS 23514	17:27:41 Mon 08-1Blank	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
Standard 1	17:33:15 Mon 08-1Standard #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
Standard 2	17:38:49 Mon 08-1Standard #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
Standard 3	17:44:23 Mon 08-1Standard #3	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
Standard 4	17:49:58 Mon 08-1Standard #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
Standard 5	17:55:31 Mon 08-1Standard #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
Standard 6	18:01:06 Mon 08-1Standard #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
Standard 7	18:06:39 Mon 08-1Standard #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
Standard 8	18:12:13 Mon 08-1Standard #8	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
WASH	18:17:49 Mon 08-1QC Std #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
ICB	18:23:22 Mon 08-1QC Std #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
ICV	18:28:56 Mon 08-1QC Std #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
ICSA	18:34:30 Mon 08-1Sample	C:\Users\Public\DocumICSA,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
&SampID	18:40:05 Mon 08-1Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
MB-34340	18:45:40 Mon 08-1Sample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
LCS-34340	18:51:14 Mon 08-1Sample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111024-001A	18:56:48 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111024-001ADIL	19:02:22 Mon 08-1Sample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111024-001AMS	19:07:56 Mon 08-1Sample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111024-001AMSD	19:13:30 Mon 08-1Sample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
CCV	19:19:05 Mon 08-1QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
CCB	19:24:39 Mon 08-1QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
2111024-001APDS	19:30:13 Mon 08-1Sample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111024-002A	19:35:47 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108

2111024-003A	19:41:21 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111024-006A	19:46:55 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111024-008A	19:52:29 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111024-009A	19:58:03 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111024-010A	20:03:37 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111024-012A	20:09:11 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111024-014A	20:14:45 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111049-013A	20:20:19 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
CCV	20:25:54 Mon 08-1QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
CCB	20:31:28 Mon 08-1QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
2111049-015A	20:37:04 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111049-017A	20:42:38 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111049-019A	20:48:12 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111084-003A	20:53:46 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111114-001A	20:59:20 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111114-002A	21:04:54 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111114-003A	21:10:28 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111114-005A	21:16:02 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
2111114-006A	21:21:36 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1108
&SamplID	21:27:10 Mon 08-1Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
CCV	21:32:45 Mon 08-1QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
CCB	21:38:19 Mon 08-1QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
MB-34339	21:43:54 Mon 08-1Sample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
LCS-34339	21:49:28 Mon 08-1Sample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111047-003B	21:55:02 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111047-003BDUP	22:00:35 Mon 08-1Sample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111047-003BMS	22:06:10 Mon 08-1Sample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111047-003BMSD	22:11:44 Mon 08-1Sample	C:\Users\Public\DocumMSD,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111047-001D	22:17:18 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111056-001A	22:22:52 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111059-001A	22:28:26 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111059-002A	22:34:00 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
CCV	22:39:35 Mon 08-1QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
CCB	22:45:10 Mon 08-1QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1108
2111059-003A	22:50:44 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111059-004A	22:56:18 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111059-005A	23:01:52 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111059-006A	23:07:27 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111059-007A	23:13:01 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111059-008A	23:18:35 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111079-006A	23:24:09 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111082-001C	23:29:43 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108
2111093-001B	23:35:17 Mon 08-1Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1108

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\113021eh\

Report Date/Time: Wednesday, December 01, 2021 08:16:53

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:49:02 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	WASH	08:52:22 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	new 2%	08:54:43 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	new 2%	08:57:04 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	CAL BLK IS 25300	09:00:09 Tue	30-NBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	CAL BLK IS 25300	09:03:56 Tue	30-NBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	Standard 1	09:06:17 Tue	30-NStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	Standard 2	09:08:38 Tue	30-NStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	Standard 3	09:10:58 Tue	30-NStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	Standard 4	09:13:19 Tue	30-NStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	Standard 5	09:15:40 Tue	30-NStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	Standard 6	09:18:00 Tue	30-NStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	Standard 7	09:20:21 Tue	30-NStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	Standard 8	09:22:41 Tue	30-NStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	WASH	09:25:03 Tue	30-NQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	ICB	09:27:24 Tue	30-NQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	ICV	09:29:45 Tue	30-NQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	WASH	09:32:06 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	ICV	09:37:08 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	ICSA	09:46:53 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	WASH	09:49:14 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	WASH	09:51:36 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	2111008-006A	09:54:13 Tue	30-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	2111008-007A	09:56:34 Tue	30-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
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	WASH	10:01:16 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	MB-34525	10:03:37 Tue	30-NSample	C:\Users\Public\DocumMBLK,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	LCS-34525	10:05:58 Tue	30-NSample	C:\Users\Public\DocumLCS,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	2111302-001A	10:08:18 Tue	30-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	2111302-001ADUP	10:10:39 Tue	30-NSample	C:\Users\Public\DocumDUP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	2111302-001AMS	10:13:00 Tue	30-NSample	C:\Users\Public\DocumMS,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	2111404-005B 10X	10:15:20 Tue	30-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
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	CCB	10:20:02 Tue	30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	MB-34505	10:22:24 Tue	30-NSample	C:\Users\Public\DocumMBLK,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	LCS-34505	10:24:44 Tue	30-NSample	C:\Users\Public\DocumLCS,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	2111413-001A	10:27:05 Tue	30-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	2111413-001ADUP	10:29:25 Tue	30-NSample	C:\Users\Public\DocumDUP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	2111413-001AMS	10:31:46 Tue	30-NSample	C:\Users\Public\DocumMS,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	WASH	10:34:07 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	MB-34560	10:36:29 Tue	30-NSample	C:\Users\Public\DocumMBLK,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	LCS-34560	10:38:50 Tue	30-NSample	C:\Users\Public\DocumLCS,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	2111402-003B	10:41:10 Tue	30-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	2111402-003BDUP	10:43:31 Tue	30-NSample	C:\Users\Public\DocumDUP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	
	CCV	10:45:52 Tue	30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	CCB	10:48:14 Tue	30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	WASH	10:51:31 Tue	30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	CCV	10:53:51 Tue	30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	CCB	10:56:12 Tue	30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130	
	2111402-003BMS 5X	10:59:16 Tue	30-NSample	C:\Users\Public\DocumMS,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1130	

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2111474-001A 5X	11:03:57 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1130
CCV	11:07:59 Tue 30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
CCB	11:10:20 Tue 30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
WASH	11:13:27 Tue 30-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
2111404-005B 10X	11:16:35 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1130
MB-34505	11:20:55 Tue 30-NSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1130
2111404-005B 10X	11:23:17 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1130
CCV	11:25:38 Tue 30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
CCB	11:27:59 Tue 30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
MB-34528	11:32:54 Tue 30-NSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111404-005B 10X	11:38:26 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1130
CCV	11:40:47 Tue 30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
MB-34528	11:42:55 Tue 30-NSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
LCS-34528	11:45:16 Tue 30-NSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-026A	11:47:36 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-026ADIL	11:49:57 Tue 30-NSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-026AMS	11:52:18 Tue 30-NSample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-026AMSD	11:54:38 Tue 30-NSample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-026APDS	11:56:59 Tue 30-NSample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-031A	11:59:20 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-042A	12:01:41 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
CCV	12:04:02 Tue 30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
CCB	12:06:23 Tue 30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
MB-34528	12:09:08 Tue 30-NSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
MB-34562	12:11:29 Tue 30-NSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
LCS-34562	12:13:50 Tue 30-NSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111520-006A	12:16:11 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111520-006ADIL	12:18:31 Tue 30-NSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111520-006AMS	12:20:52 Tue 30-NSample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111520-006AMSD	12:23:12 Tue 30-NSample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111520-006APDS	12:25:33 Tue 30-NSample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111520-001A	12:27:54 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111520-009A	12:30:14 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
CCV	12:32:36 Tue 30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
CCB	12:34:57 Tue 30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
2111520-012A	12:47:36 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111520-016A	12:49:57 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111520-022A	12:52:17 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
CCV	12:54:39 Tue 30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
wash	12:57:50 Tue 30-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
MB-34506	13:00:11 Tue 30-NSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
LCS-34506	13:02:32 Tue 30-NSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111328-041A	13:04:53 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111328-041ADIL	13:07:13 Tue 30-NSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111328-041AMS	13:09:34 Tue 30-NSample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111328-041AMSD	13:11:55 Tue 30-NSample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
CCV	13:14:16 Tue 30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
CCB	13:16:37 Tue 30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
2111328-041APDS	13:19:36 Tue 30-NSample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2111404-001A	13:21:57 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
WASH	13:24:18 Tue 30-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
MB-34561	13:26:40 Tue 30-NSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
LCS-34561	13:29:00 Tue 30-NSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-024A	13:31:21 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-024ADIL	13:33:41 Tue 30-NSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-024AMS	13:36:02 Tue 30-NSample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-024AMSD	13:38:23 Tue 30-NSample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
2110520-024APDS	13:40:44 Tue 30-NSample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1130
CCV	13:43:05 Tue 30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130

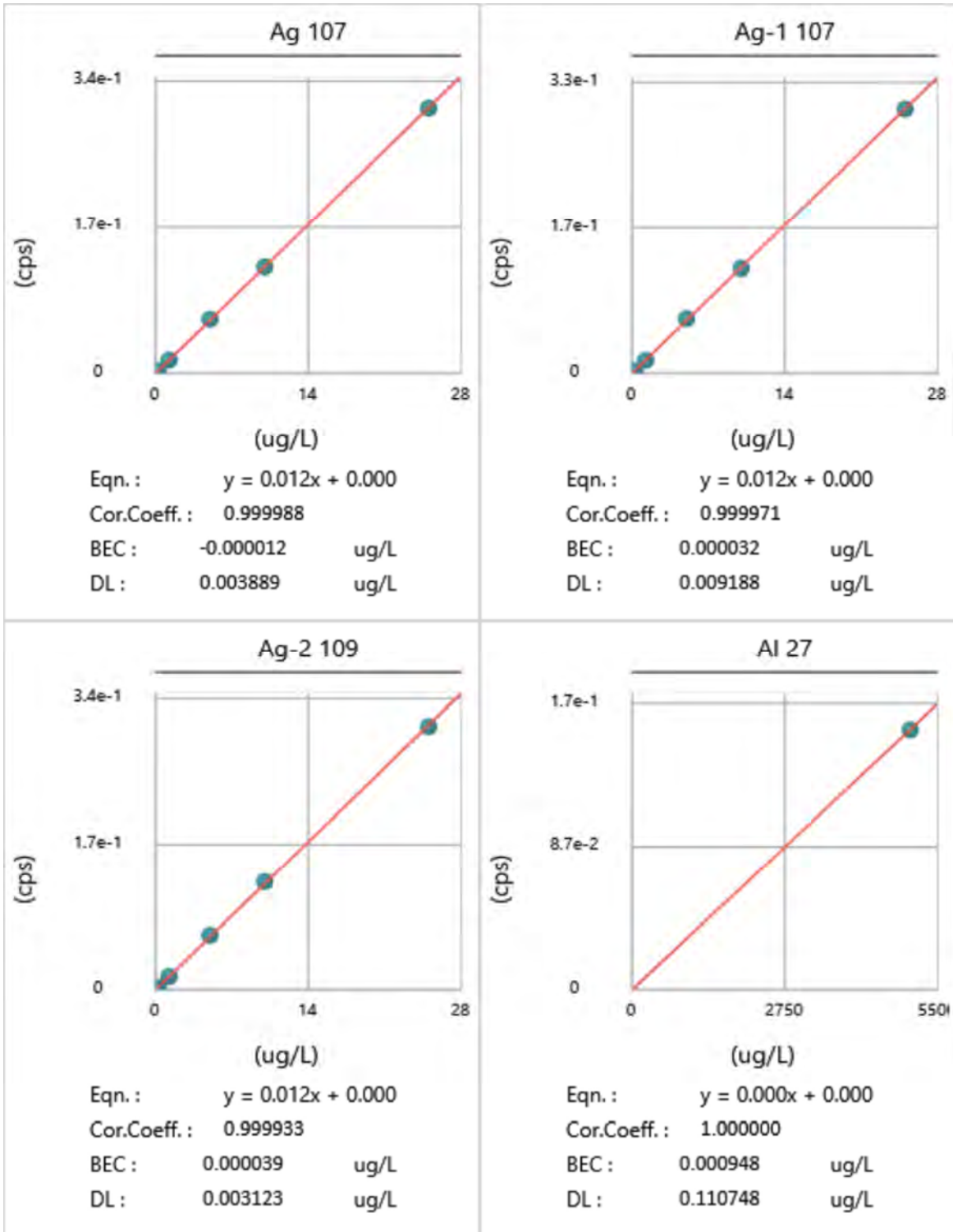
CCB	13:45:26 Tue 30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130
2110520-024A 10X	13:48:19 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
2110520-016A 10X	13:50:40 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
2110520-017A 10X	13:53:01 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
2110520-034A 10X	13:55:21 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
2110520-026A 100X	13:57:42 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
2110520-042A 100X	14:00:04 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
2111348-001A	14:02:59 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
WASH	14:05:44 Tue 30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130
CCV	14:08:04 Tue 30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130
CCB	14:10:26 Tue 30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130
WASH	14:12:56 Tue 30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130
CCV	14:15:17 Tue 30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130
CCB	14:17:38 Tue 30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130
WASH	14:23:12 Tue 30-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130
CCV	14:27:37 Tue 30-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130
CCB	14:29:58 Tue 30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130
2111348-001A 10X	14:34:27 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
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2111348-005A 10X	14:39:08 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
2111348-007A 10X	14:41:29 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
2111348-009A 10X	14:43:50 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
2111348-011A 10X	14:46:10 Tue 30-NSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Nov2021\1130
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CCB	14:53:14 Tue 30-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1130
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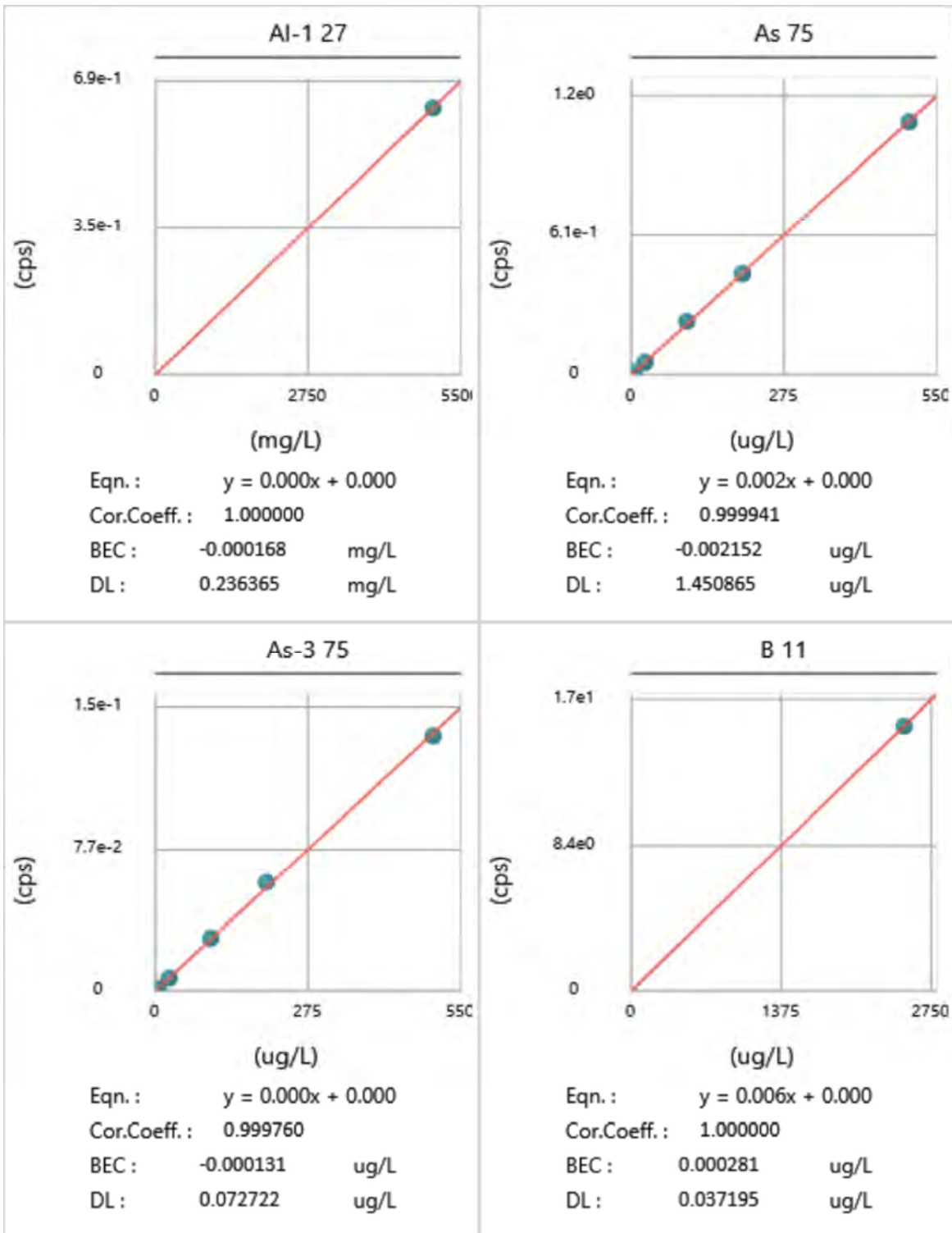
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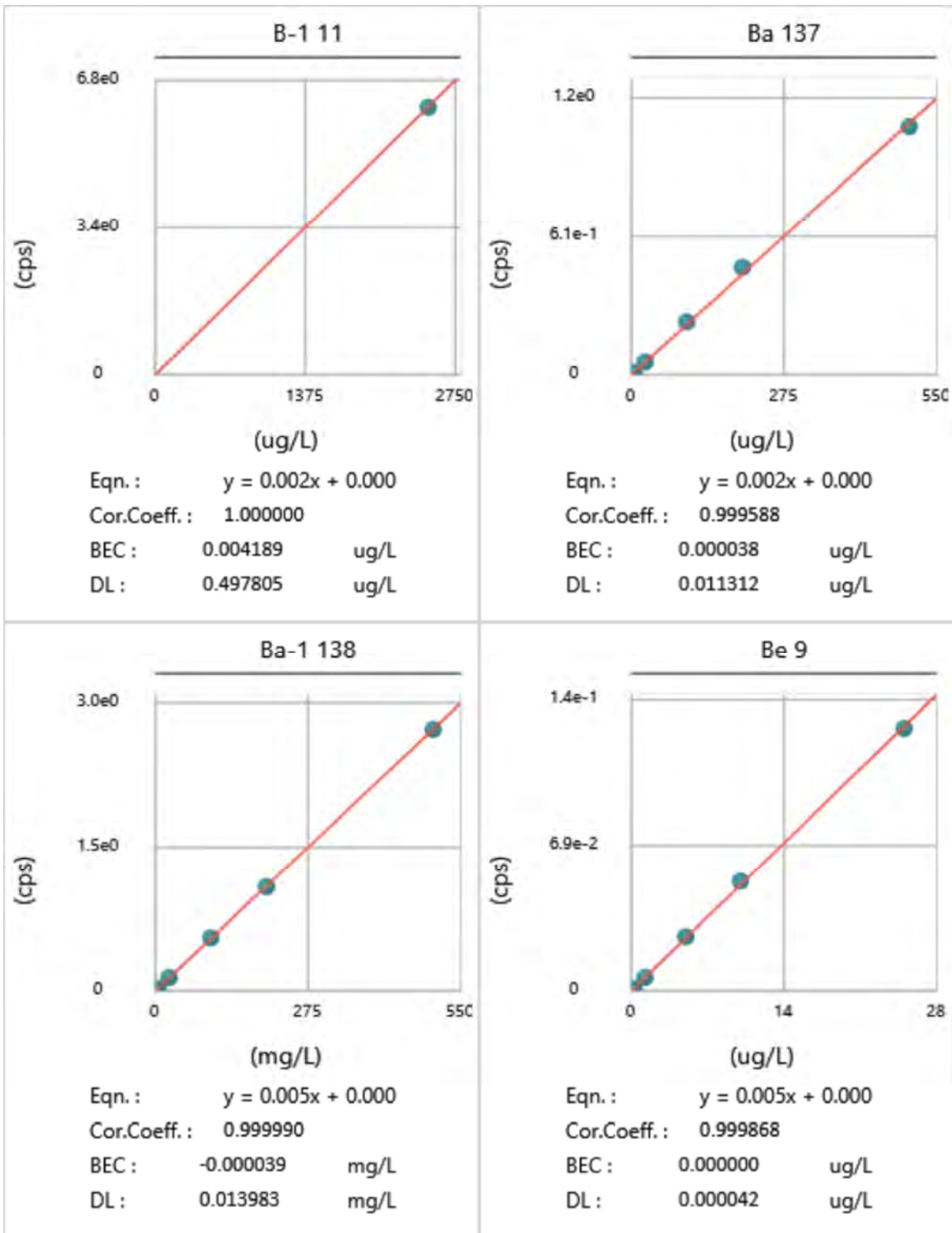
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2%	20:34:48 Tue 30-NQC Std #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1130
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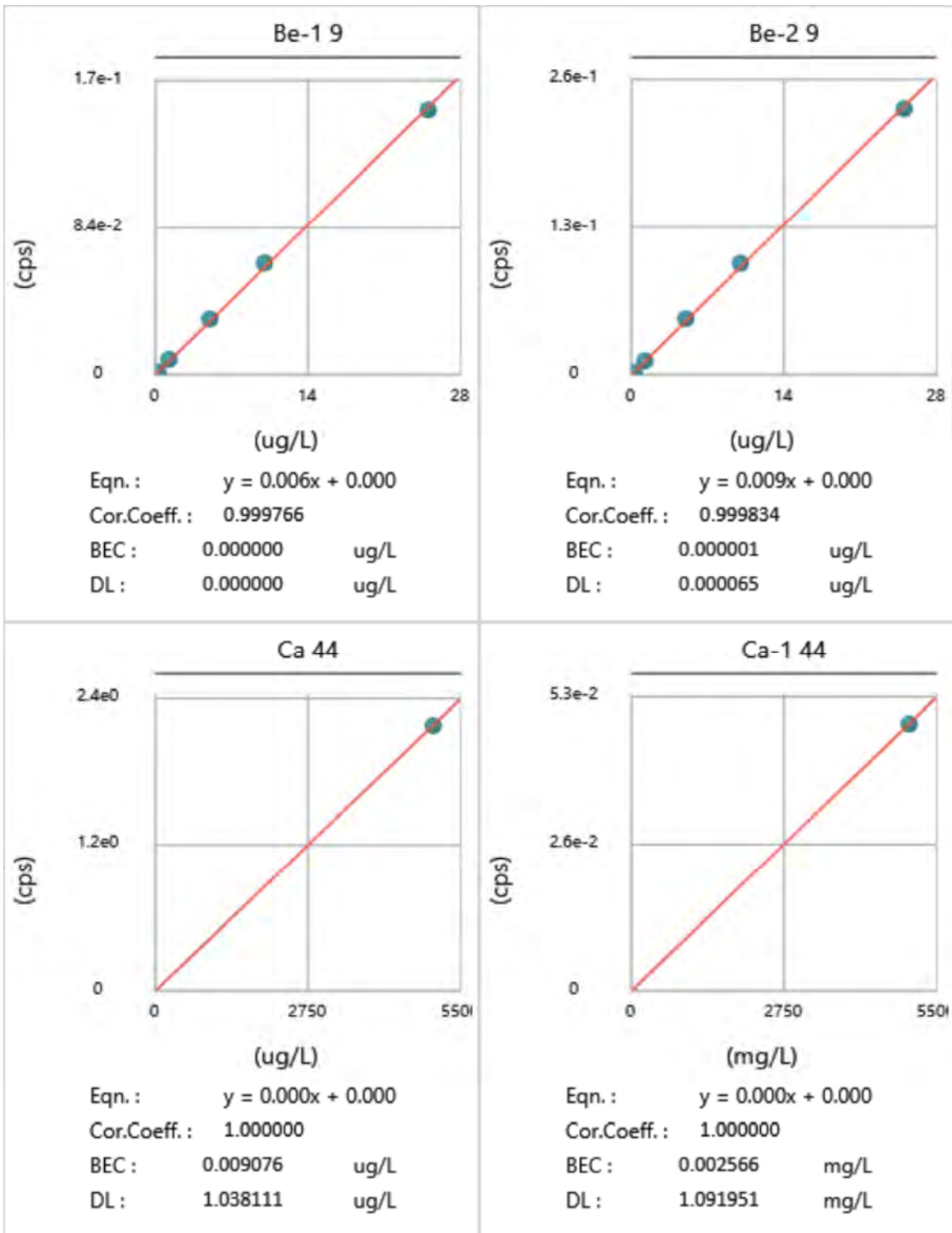


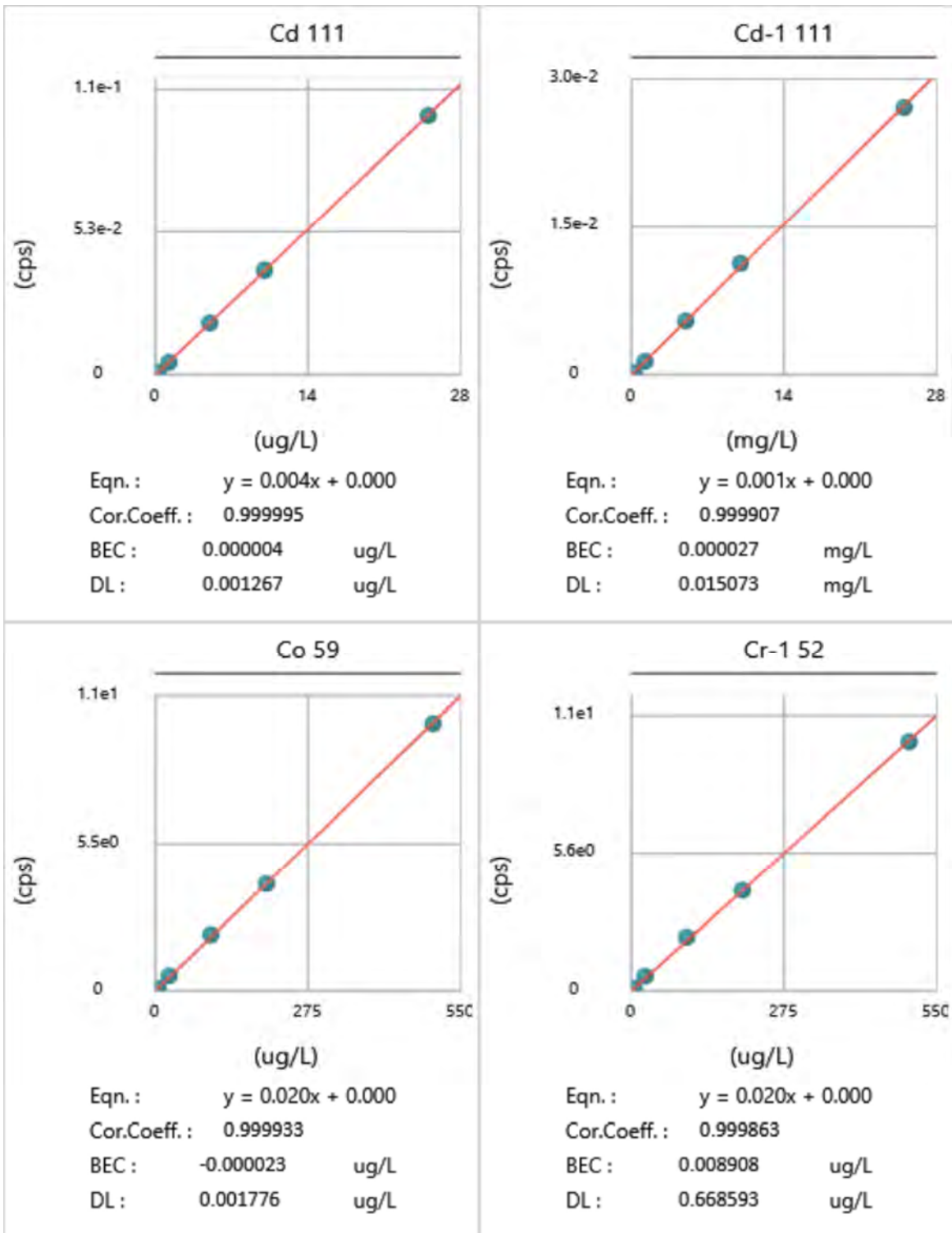
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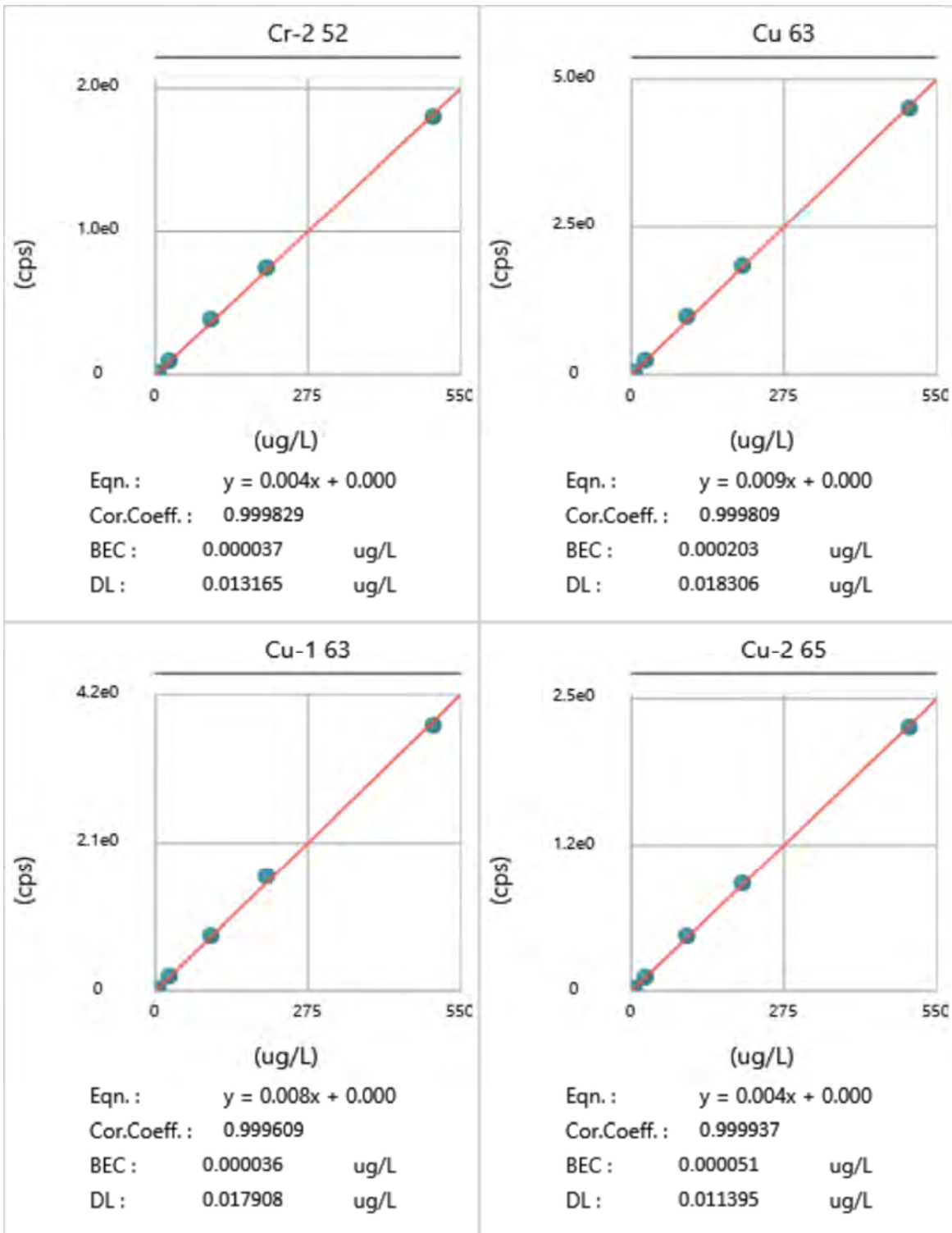


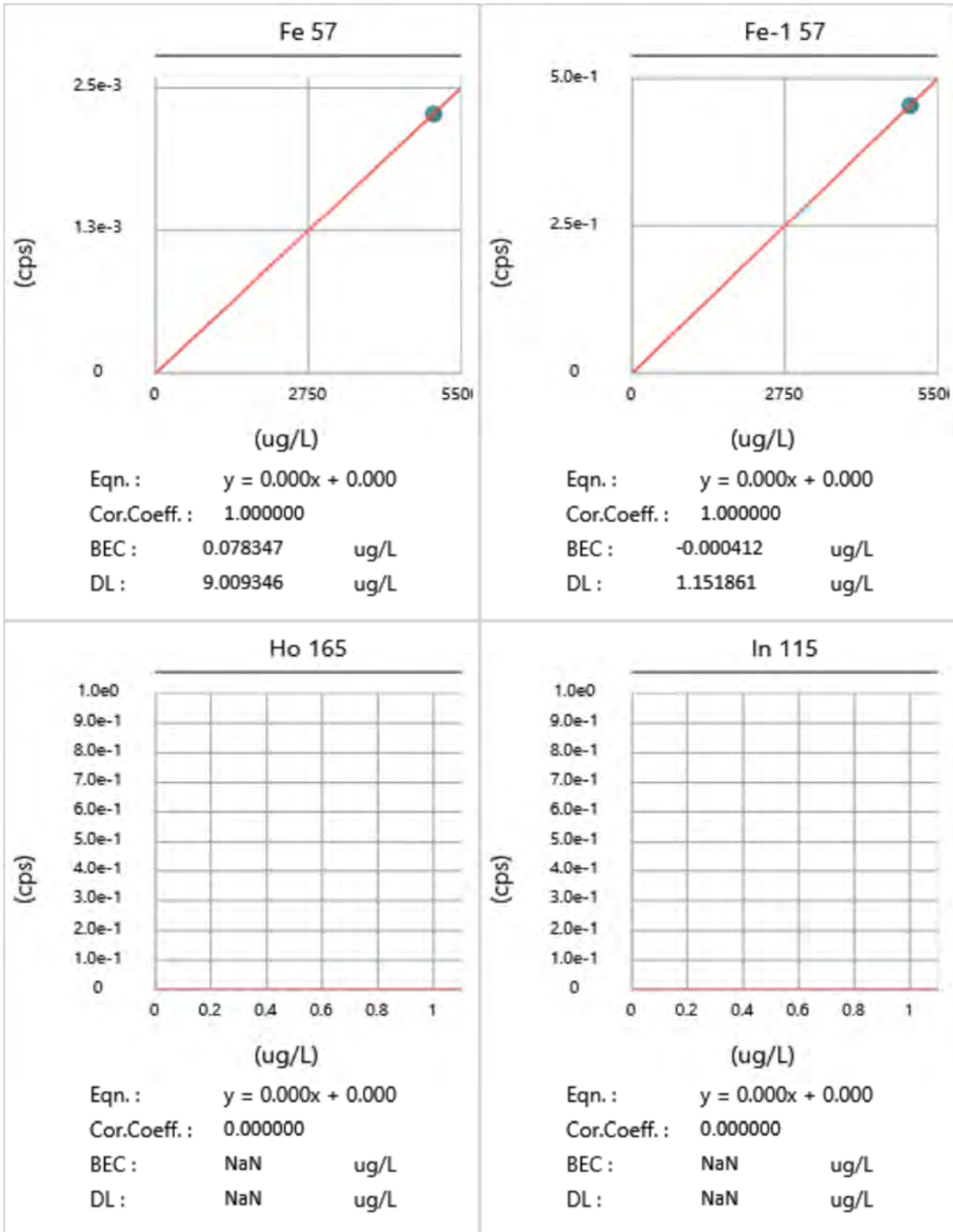


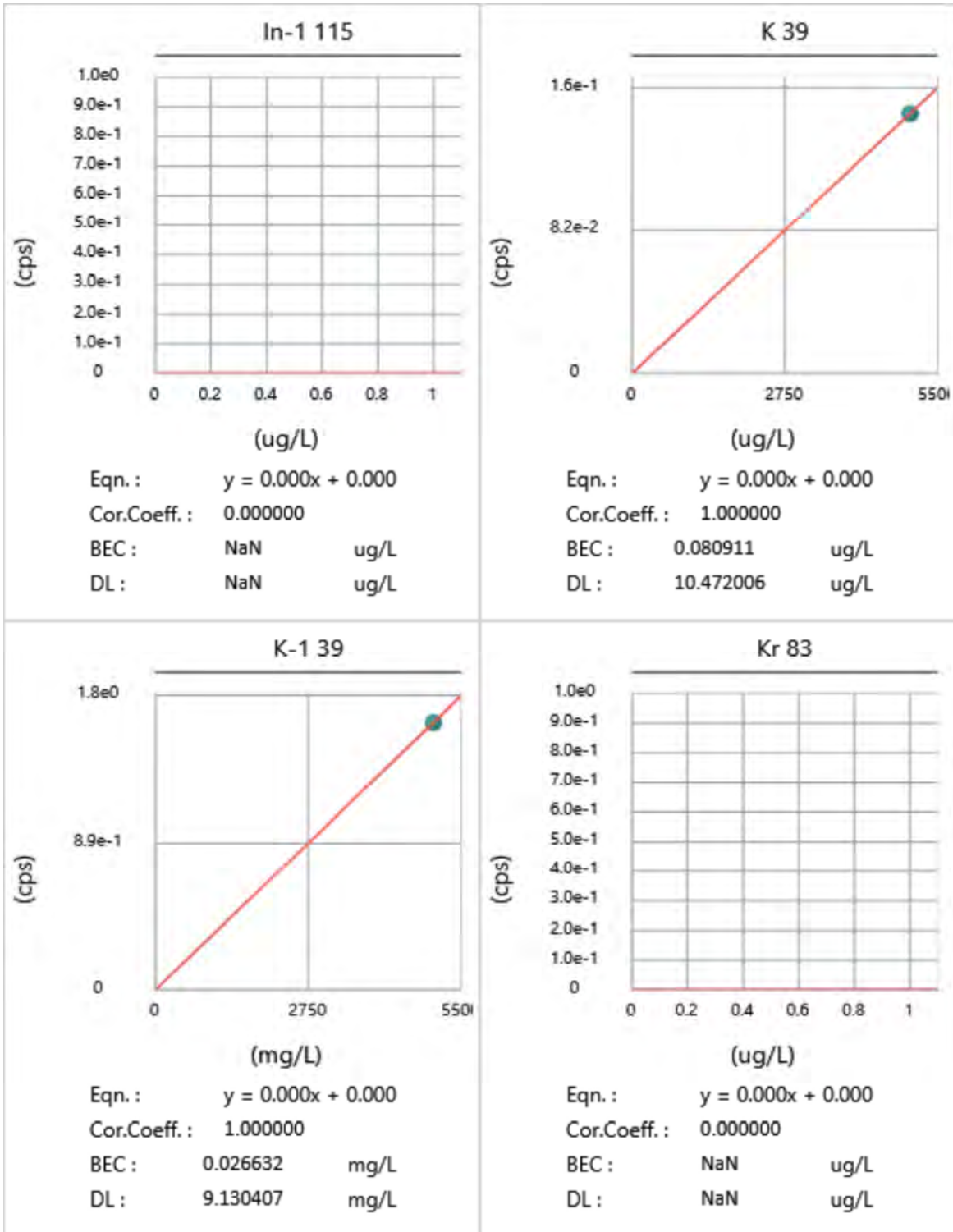


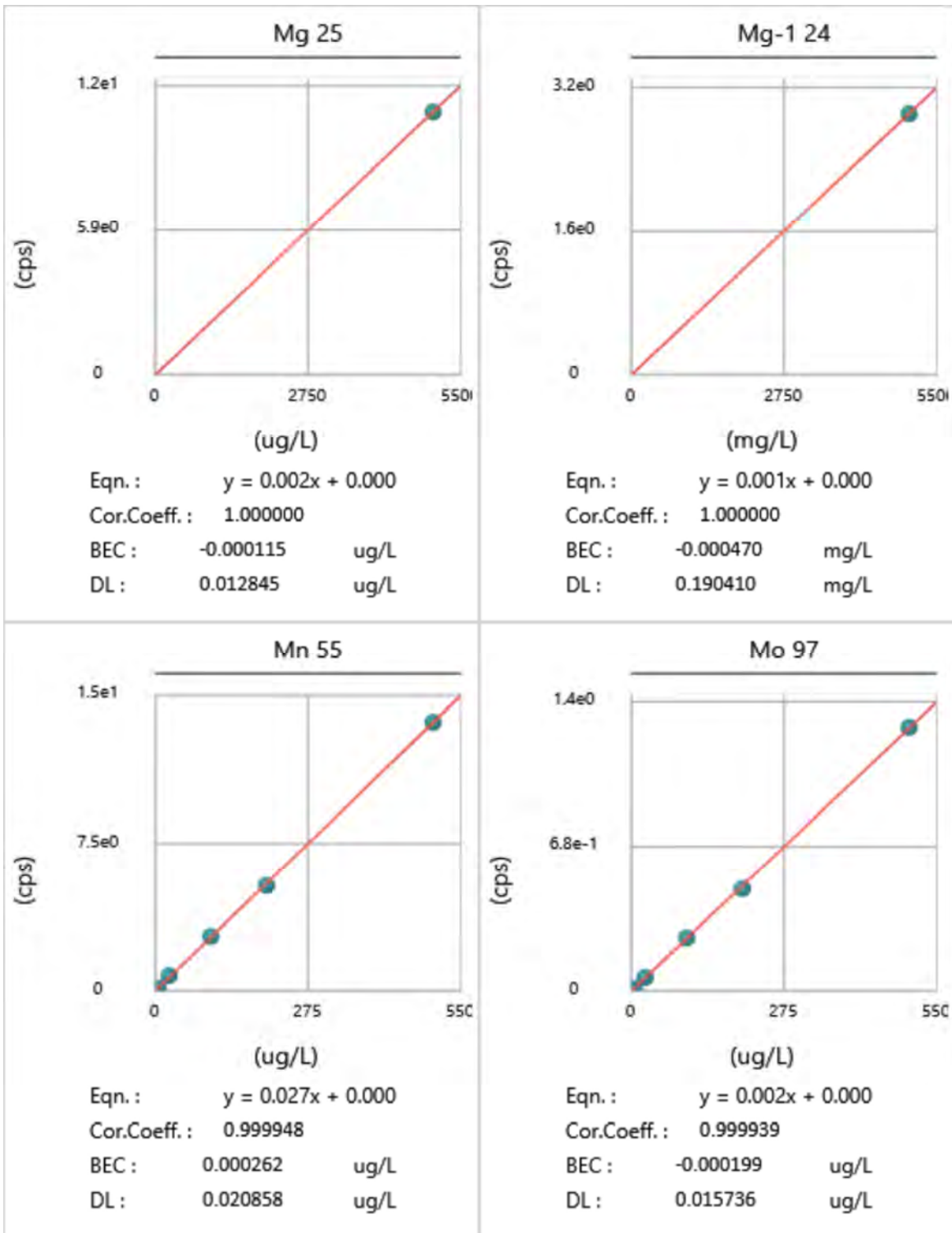


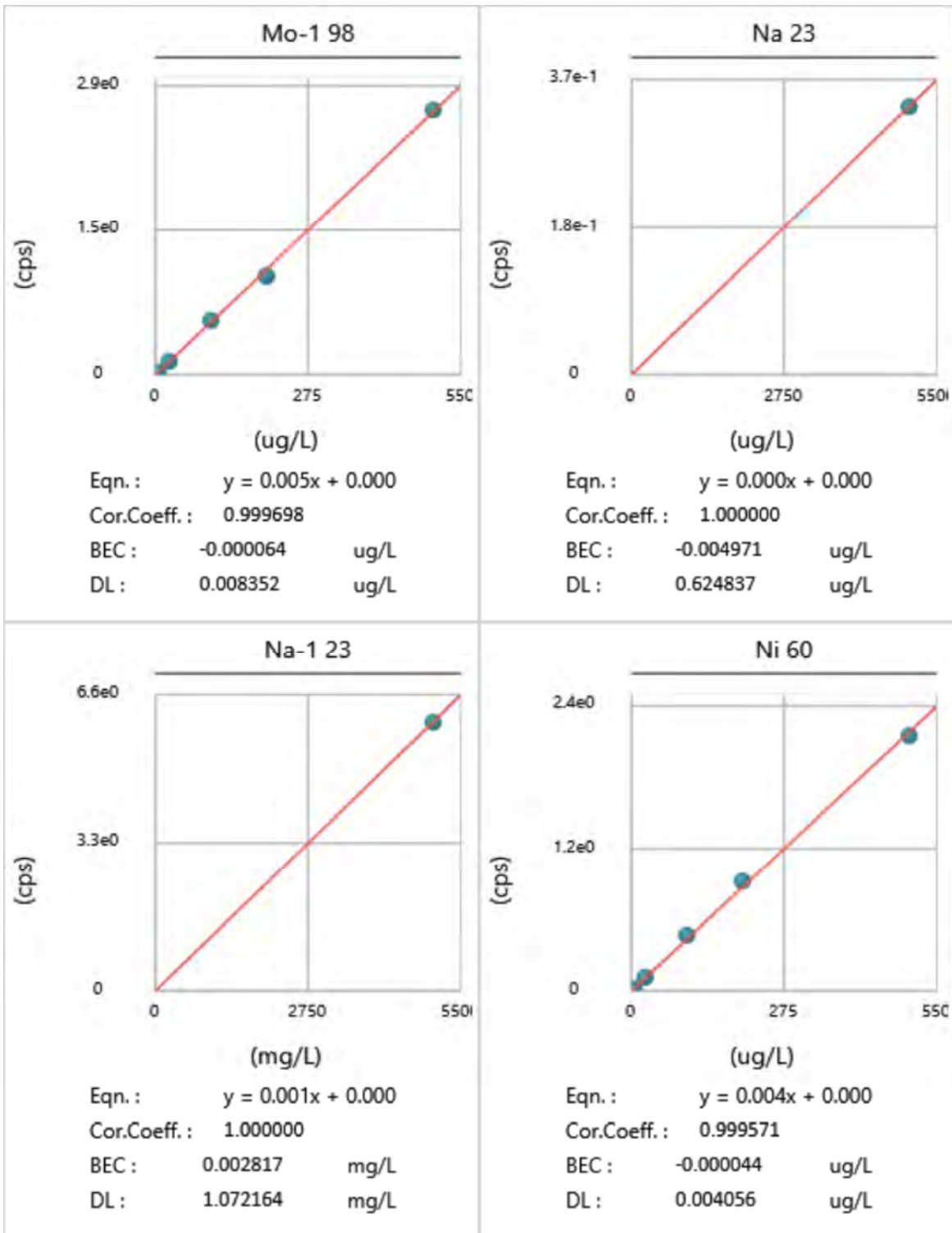


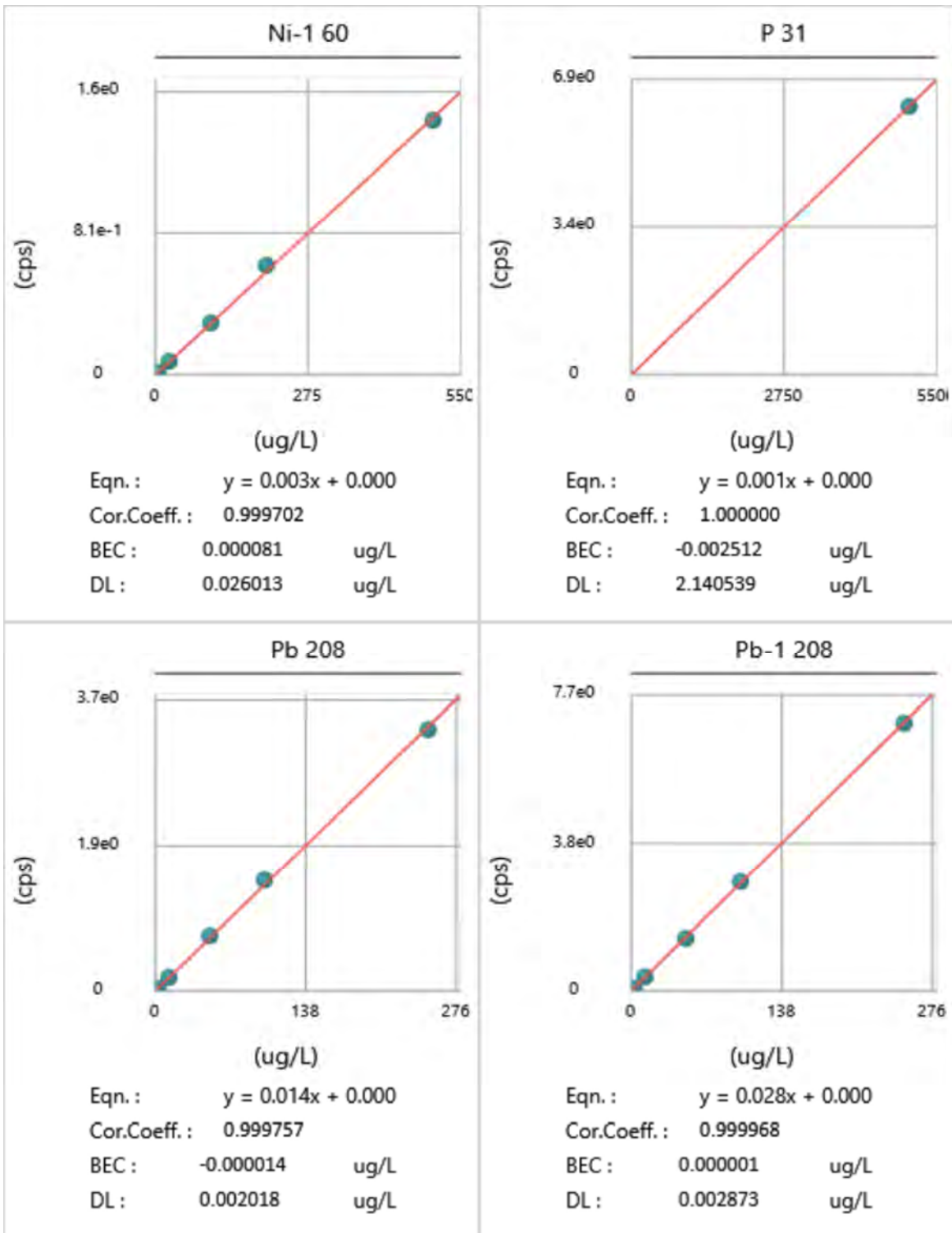


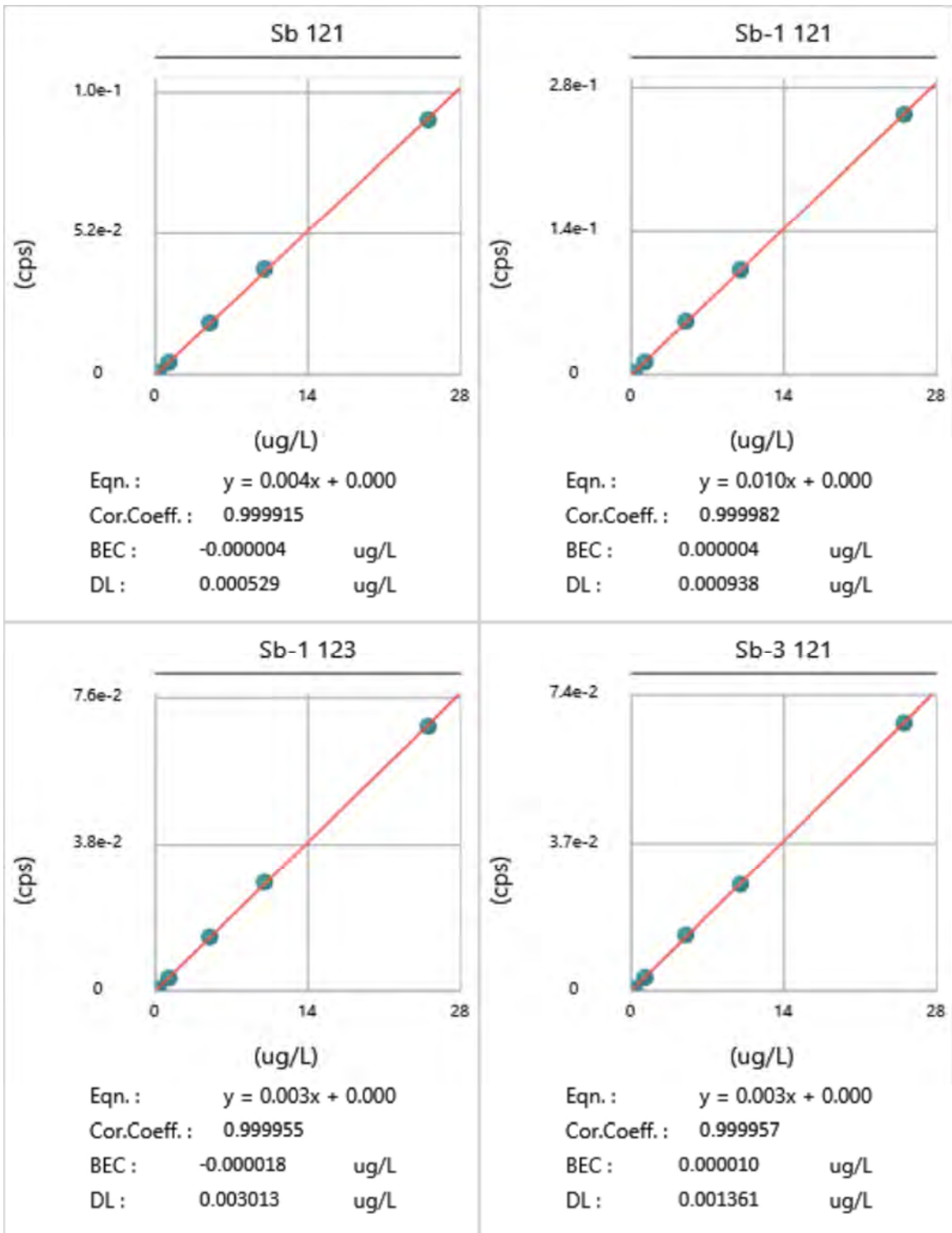


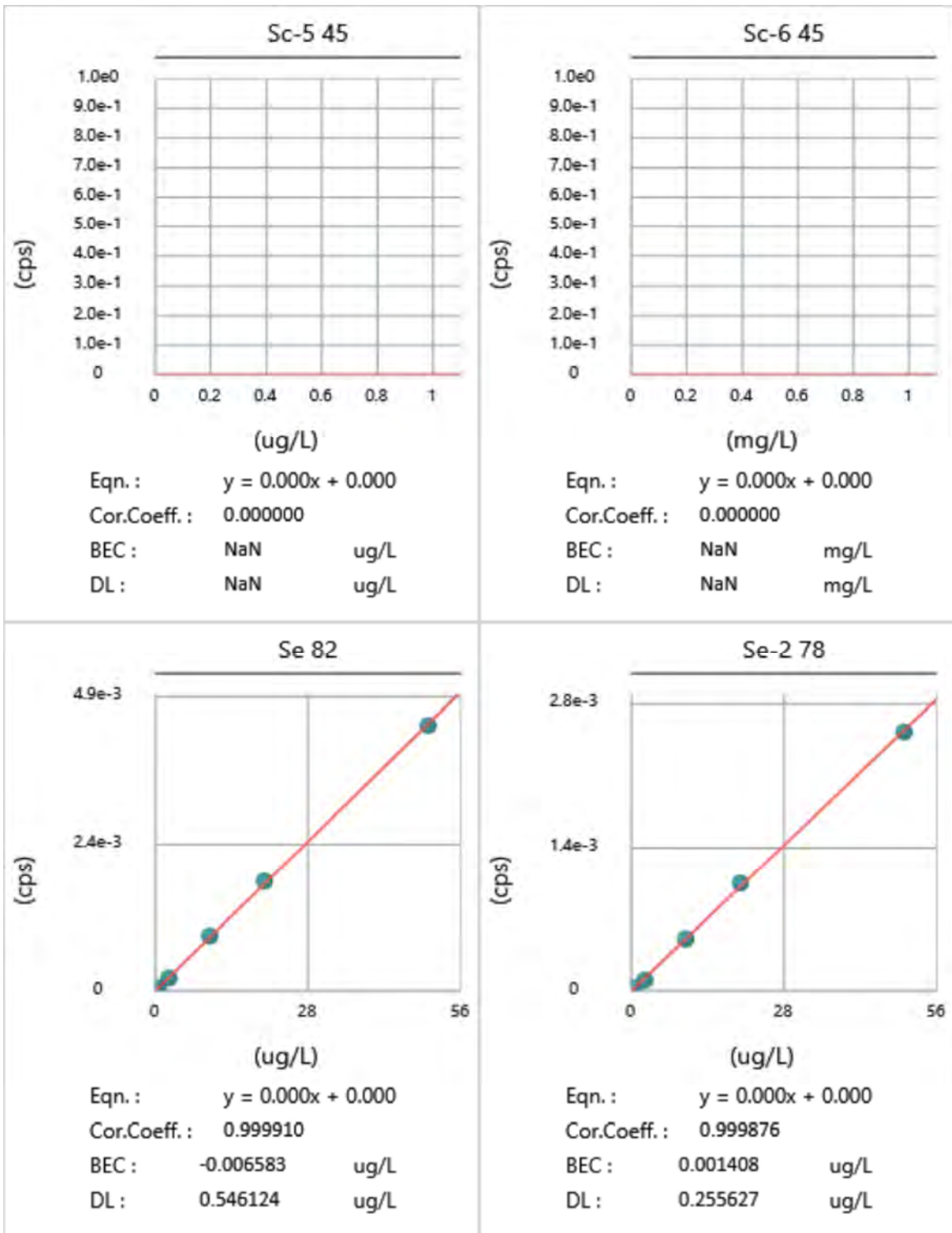


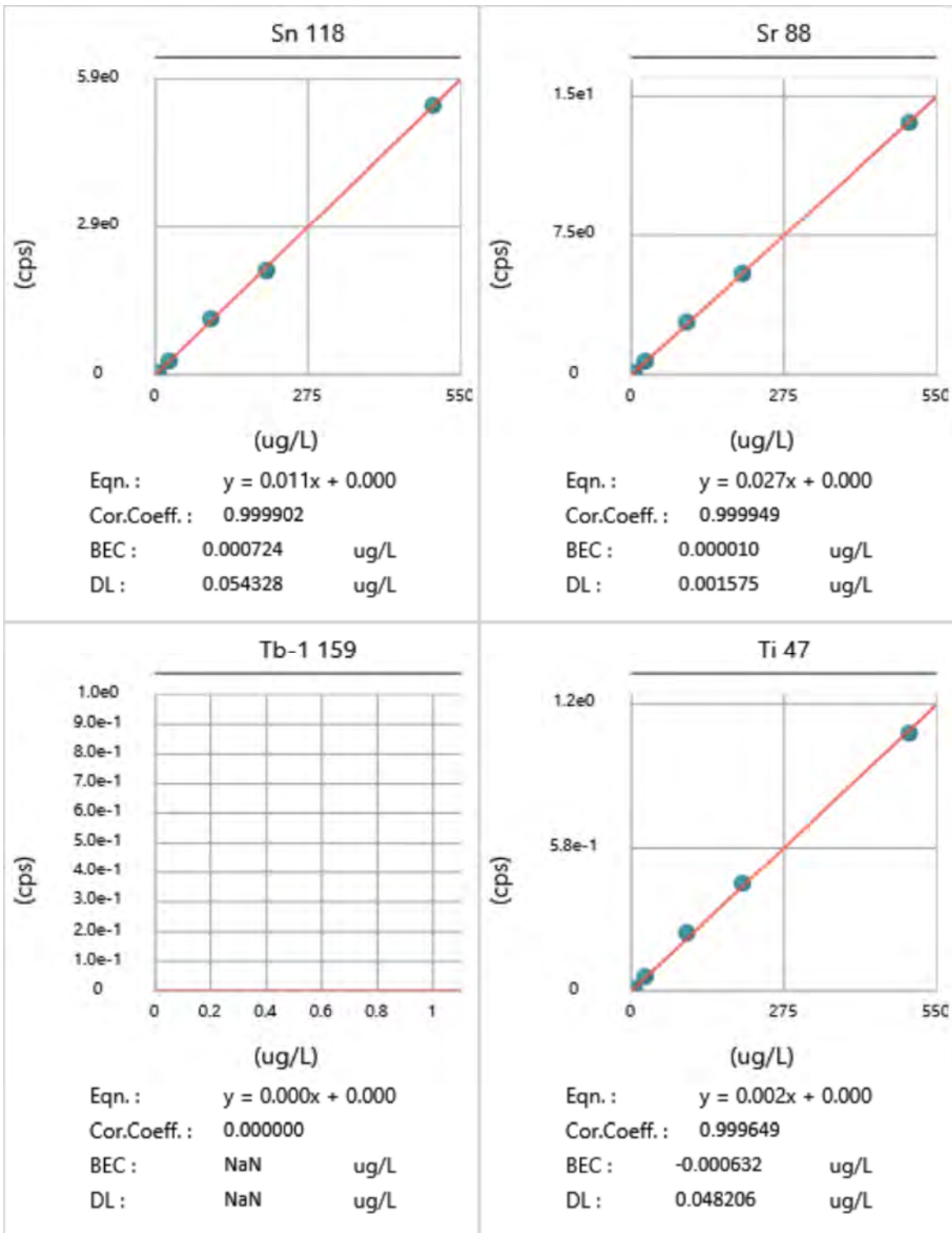


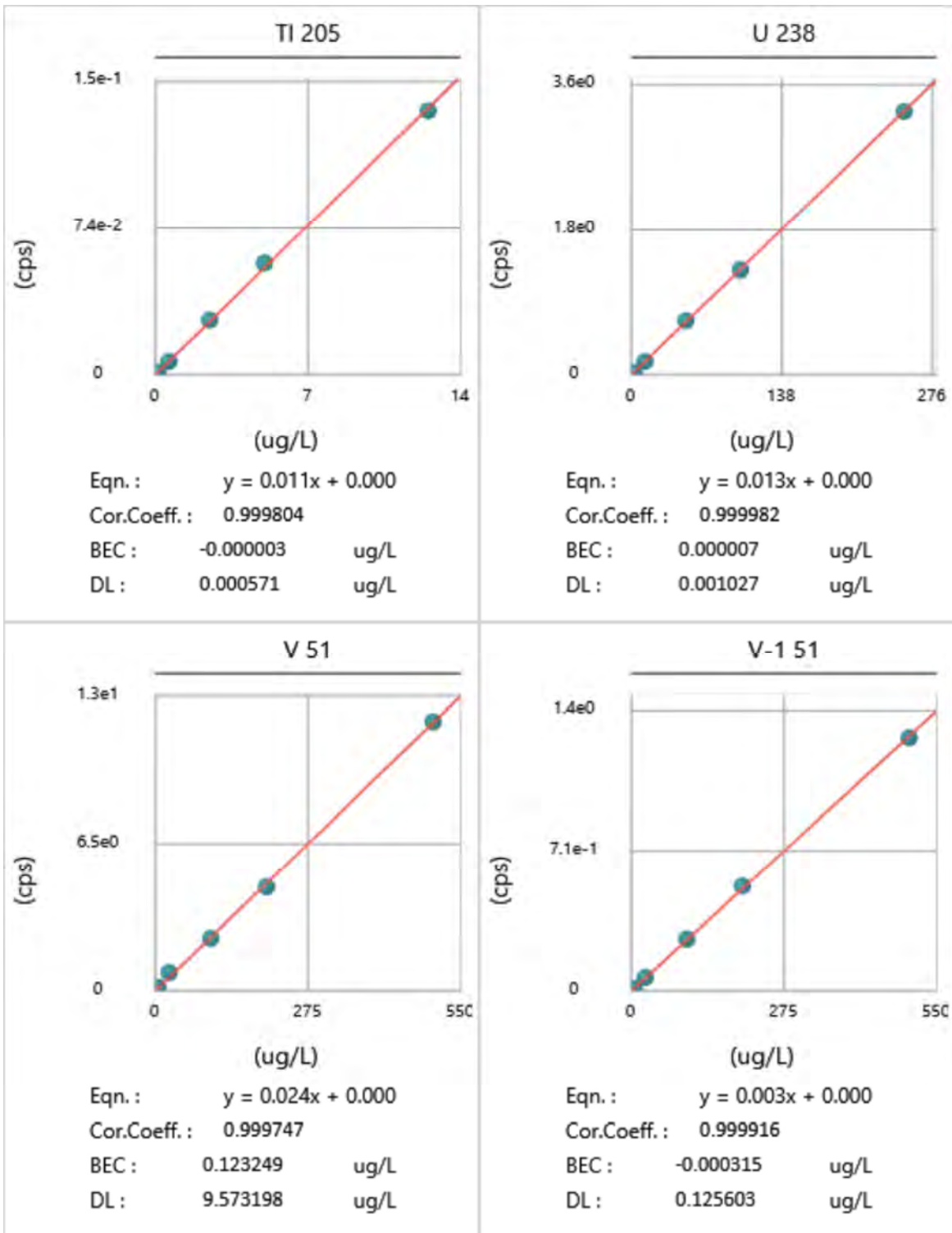


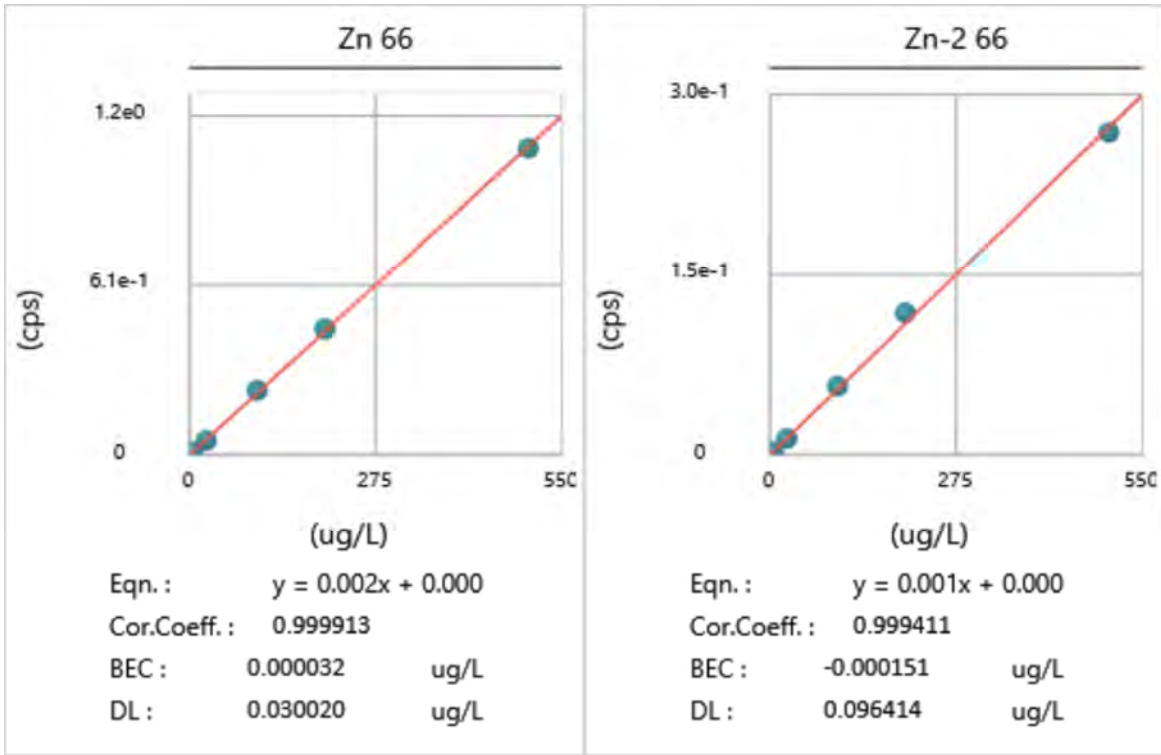


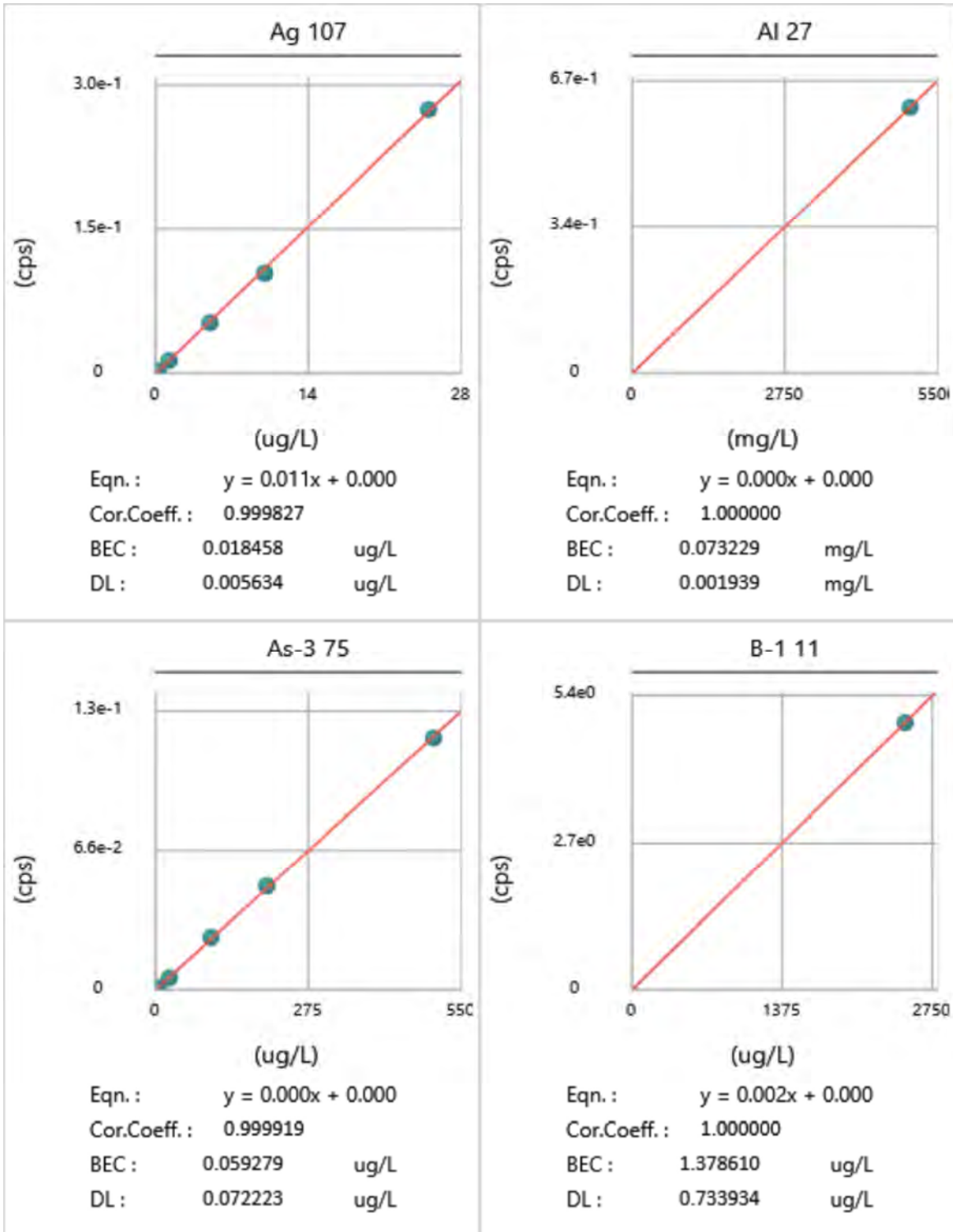


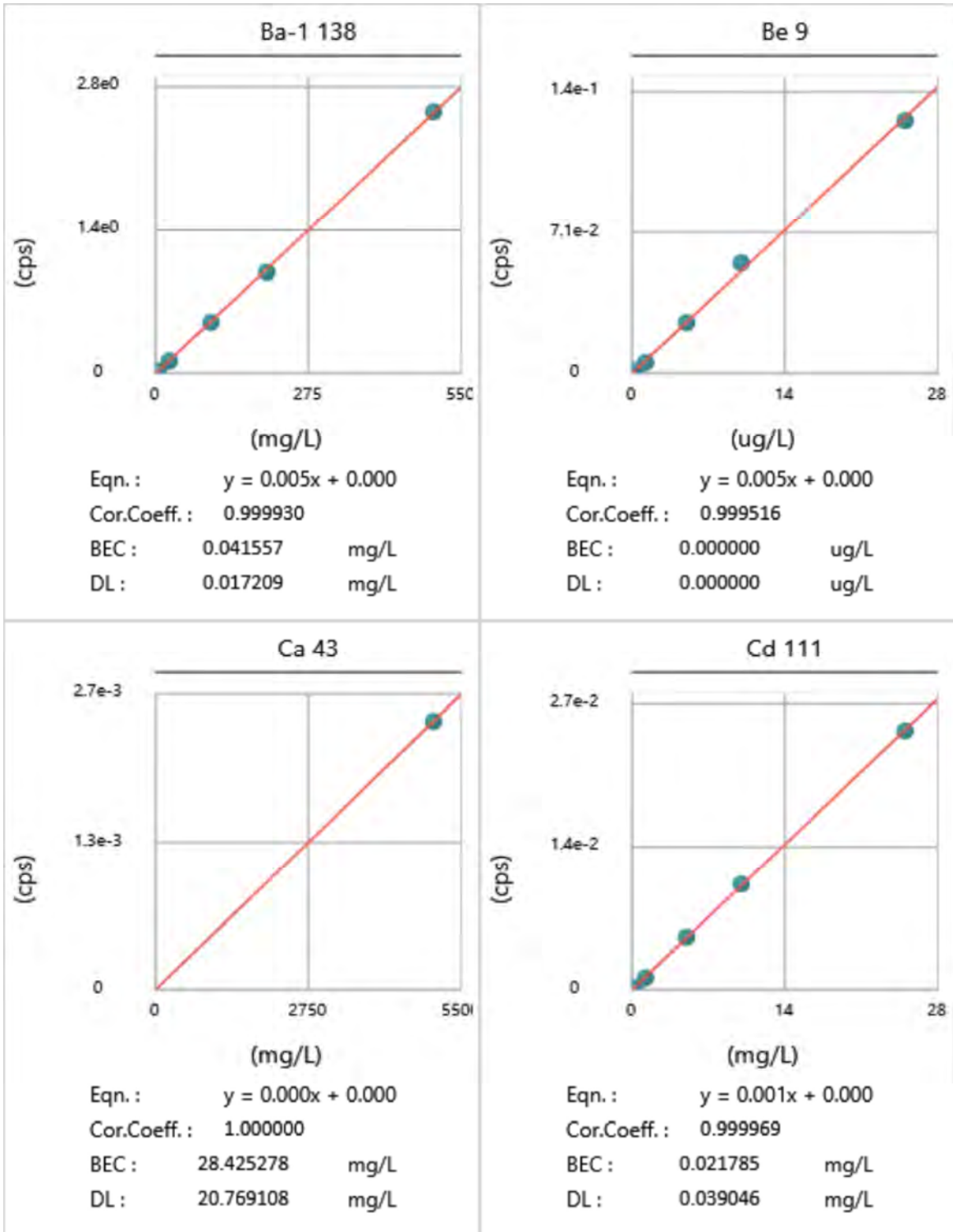


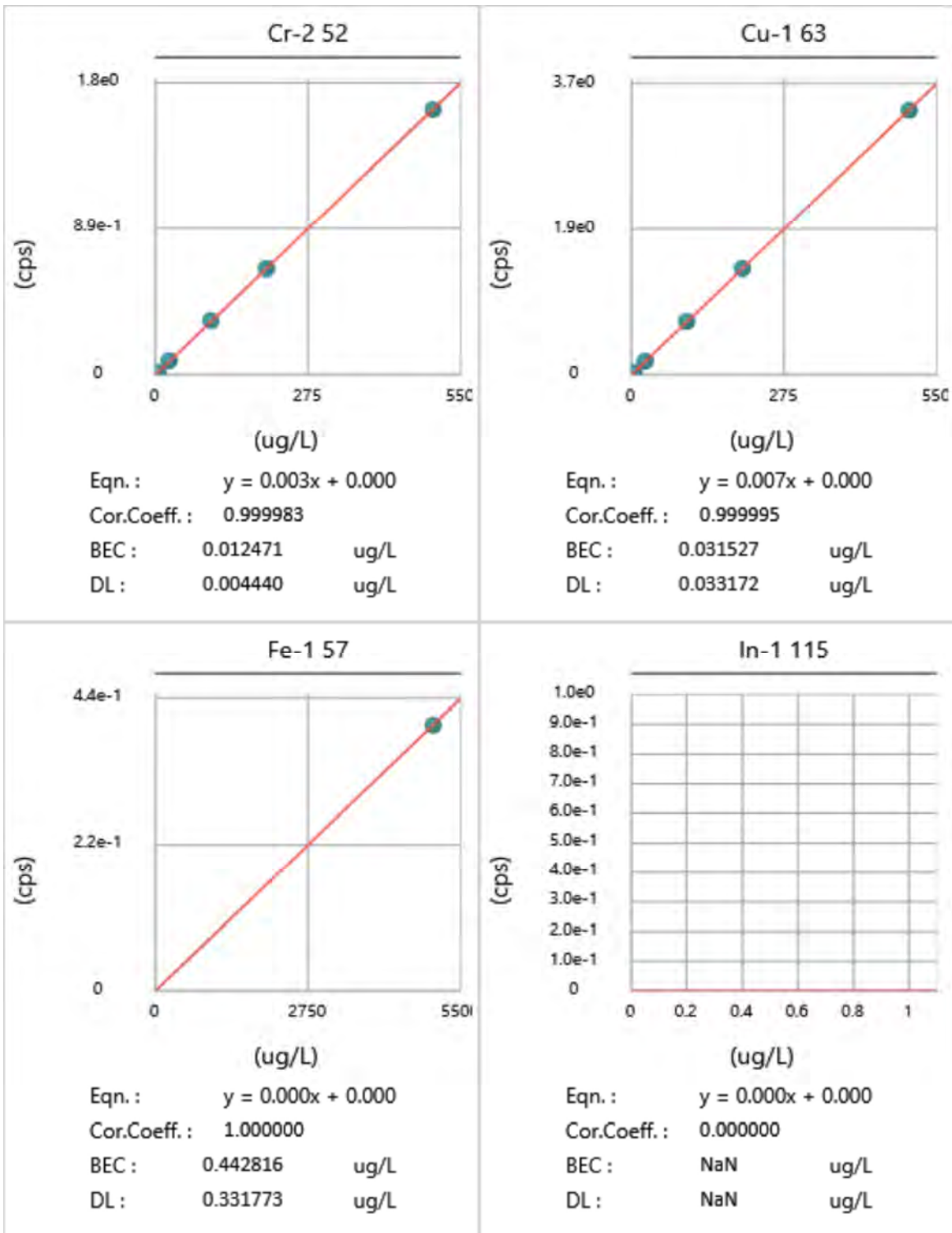


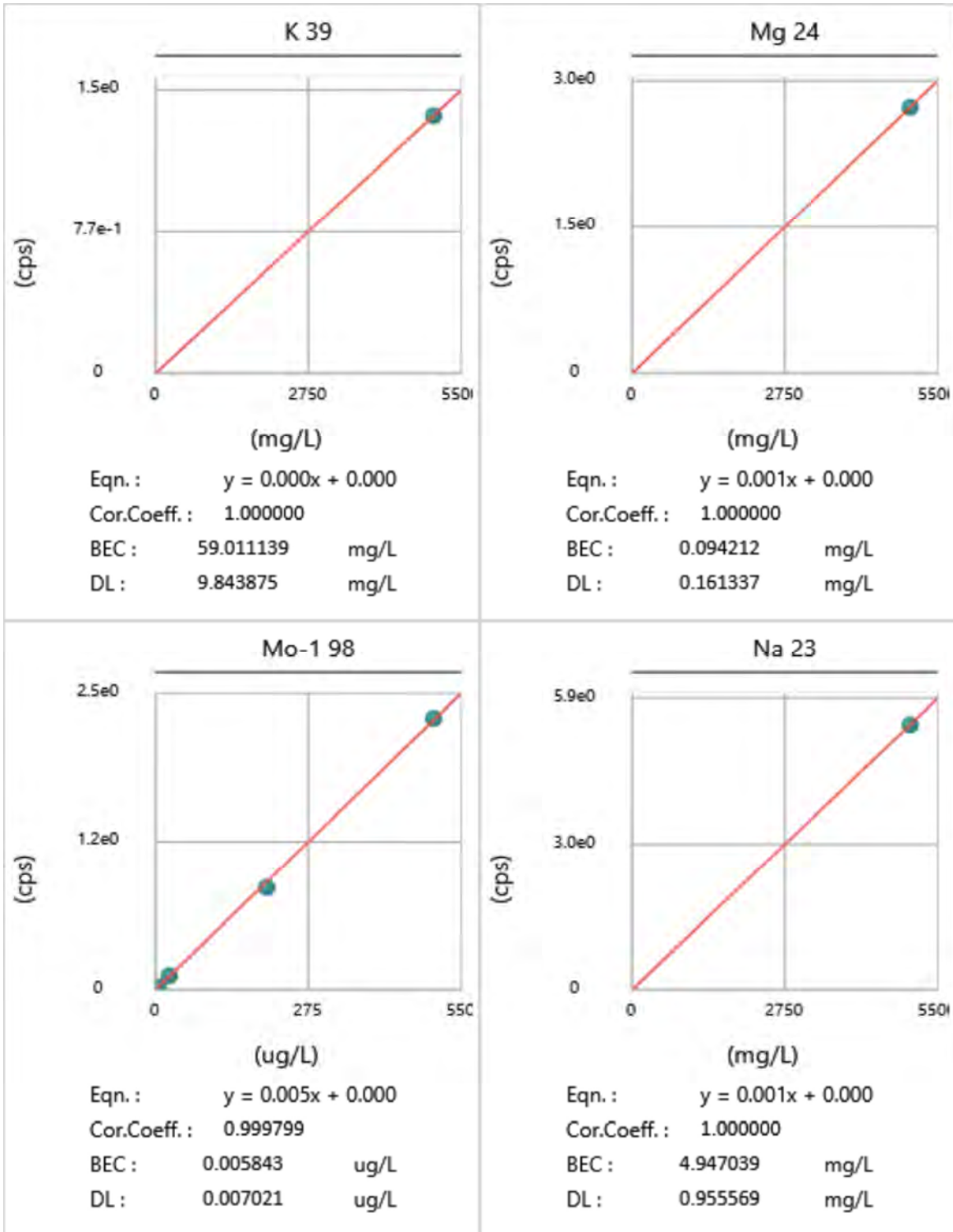


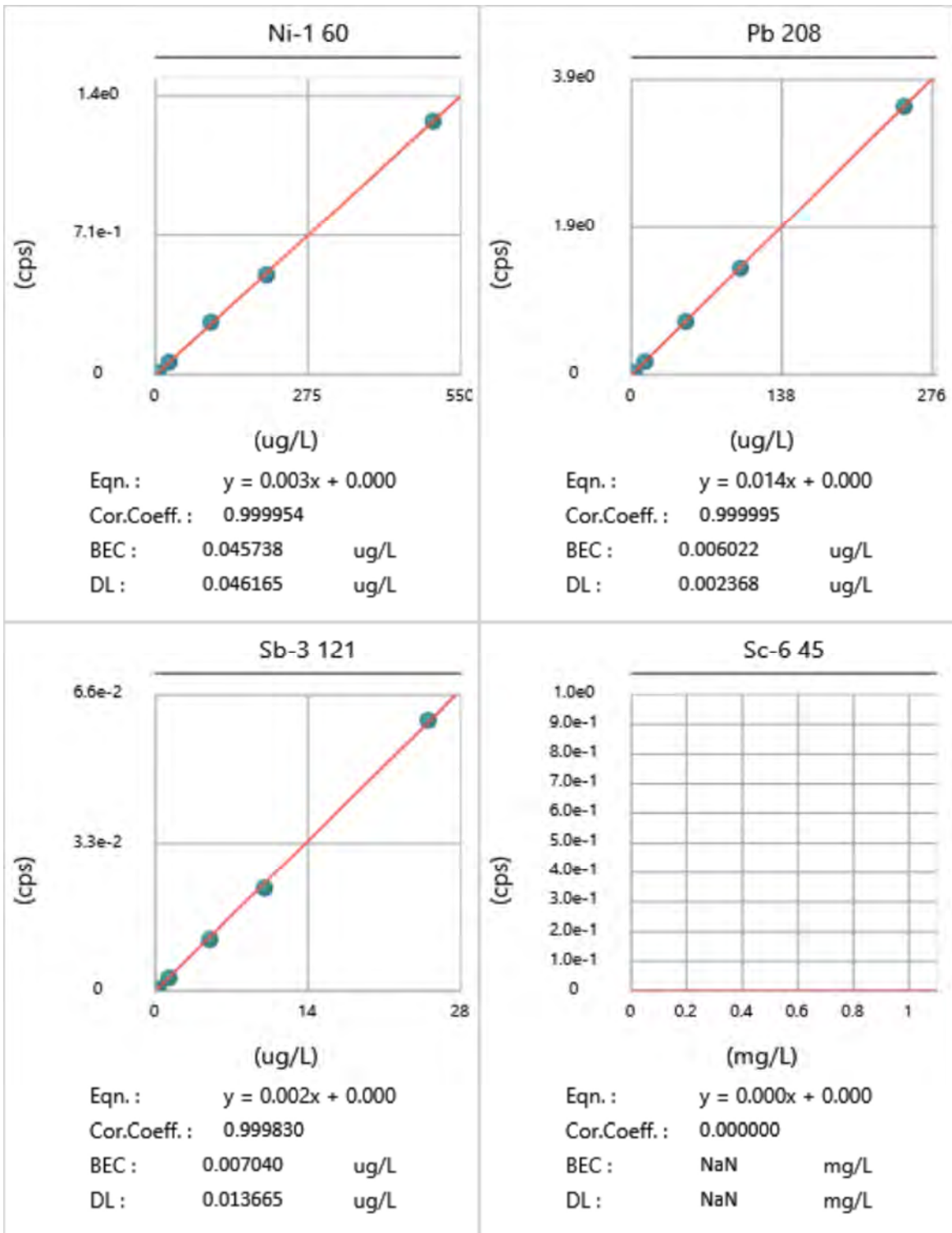


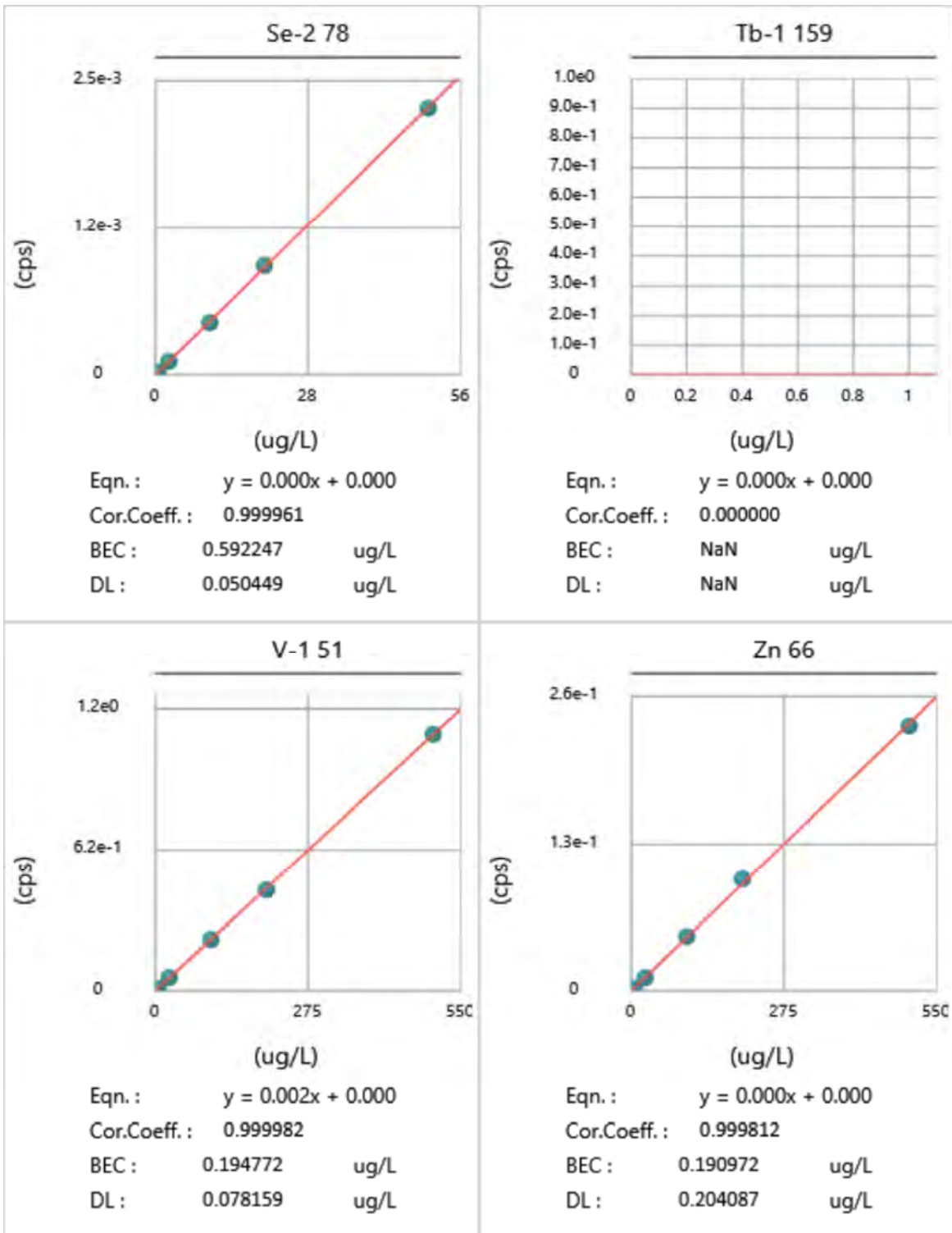


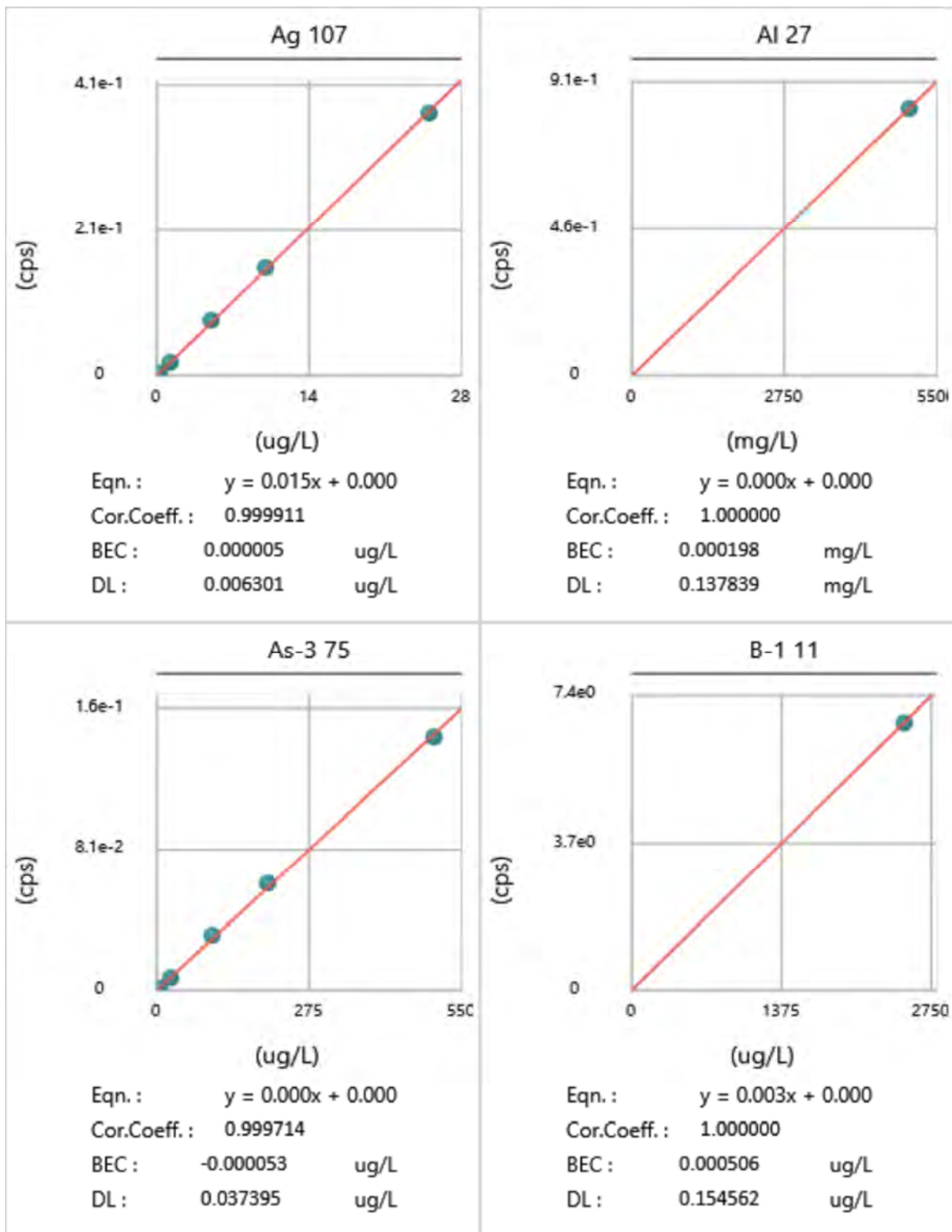


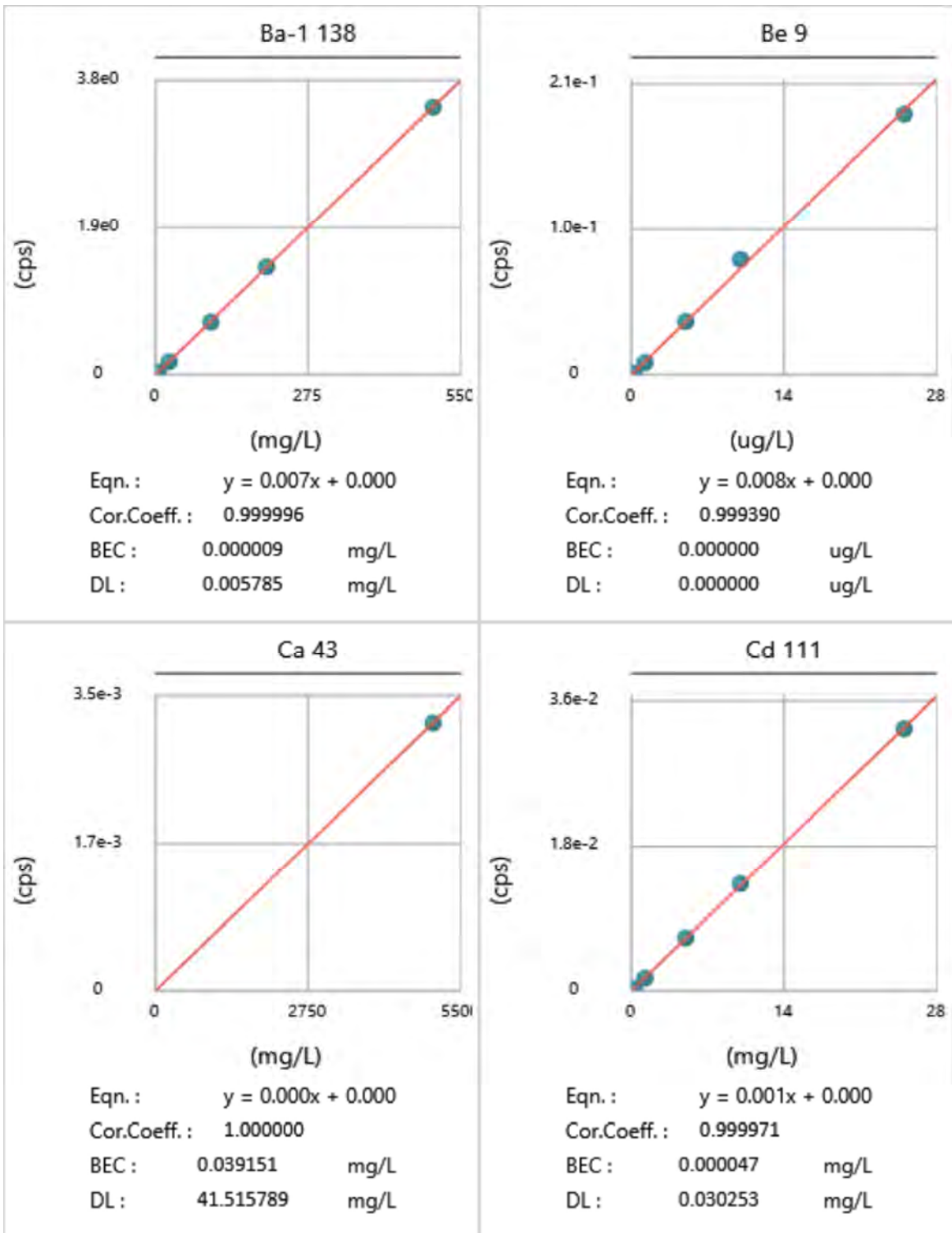


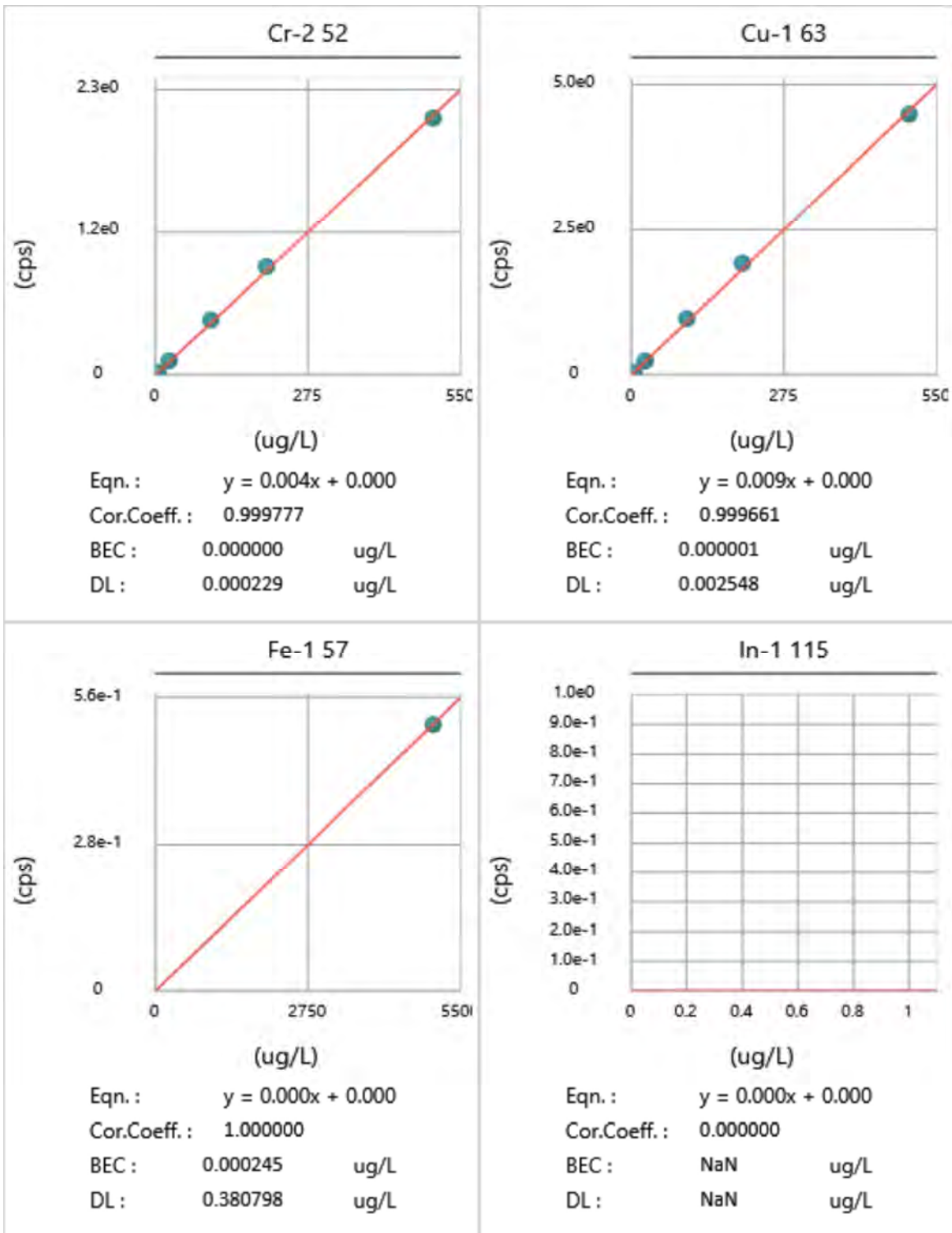


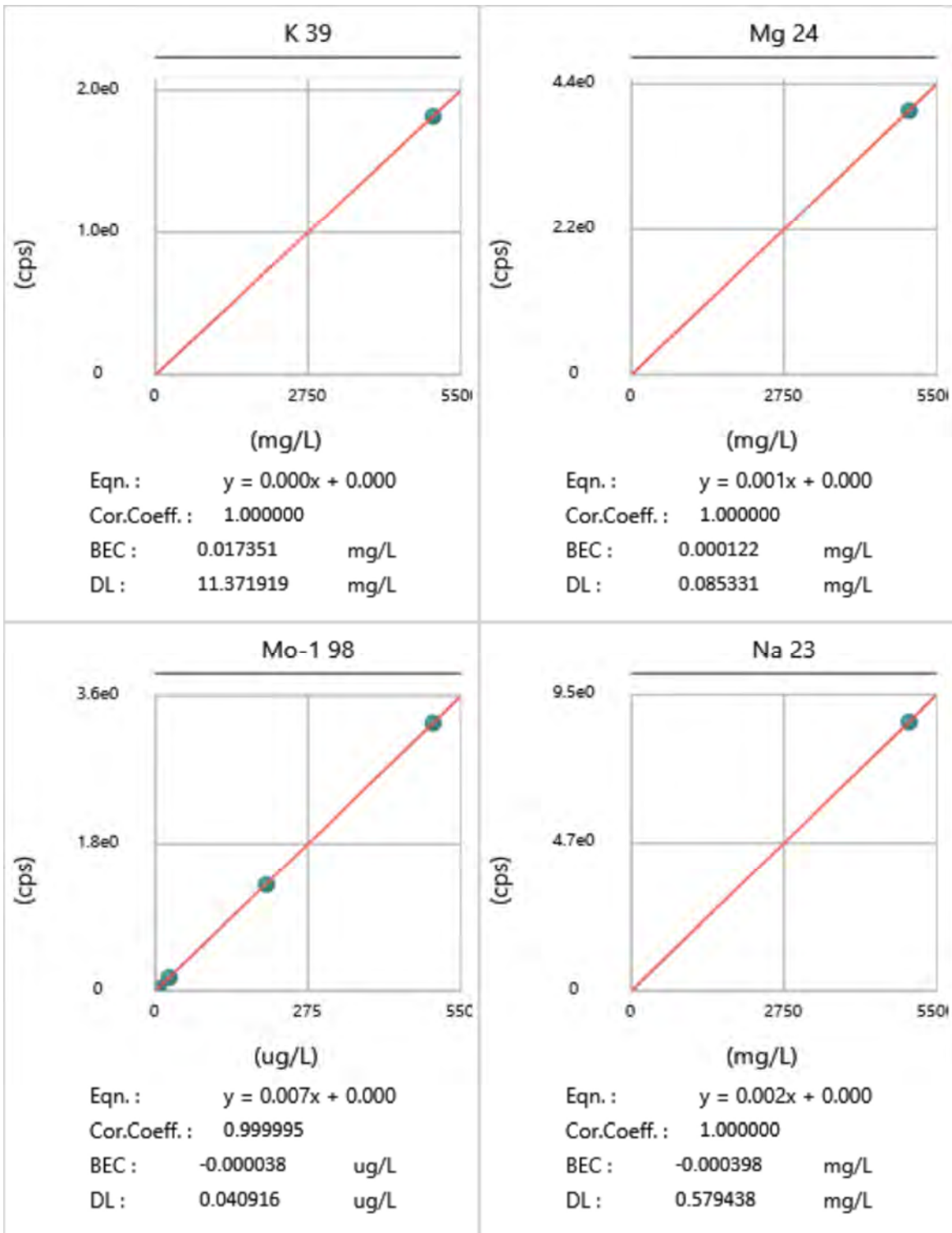


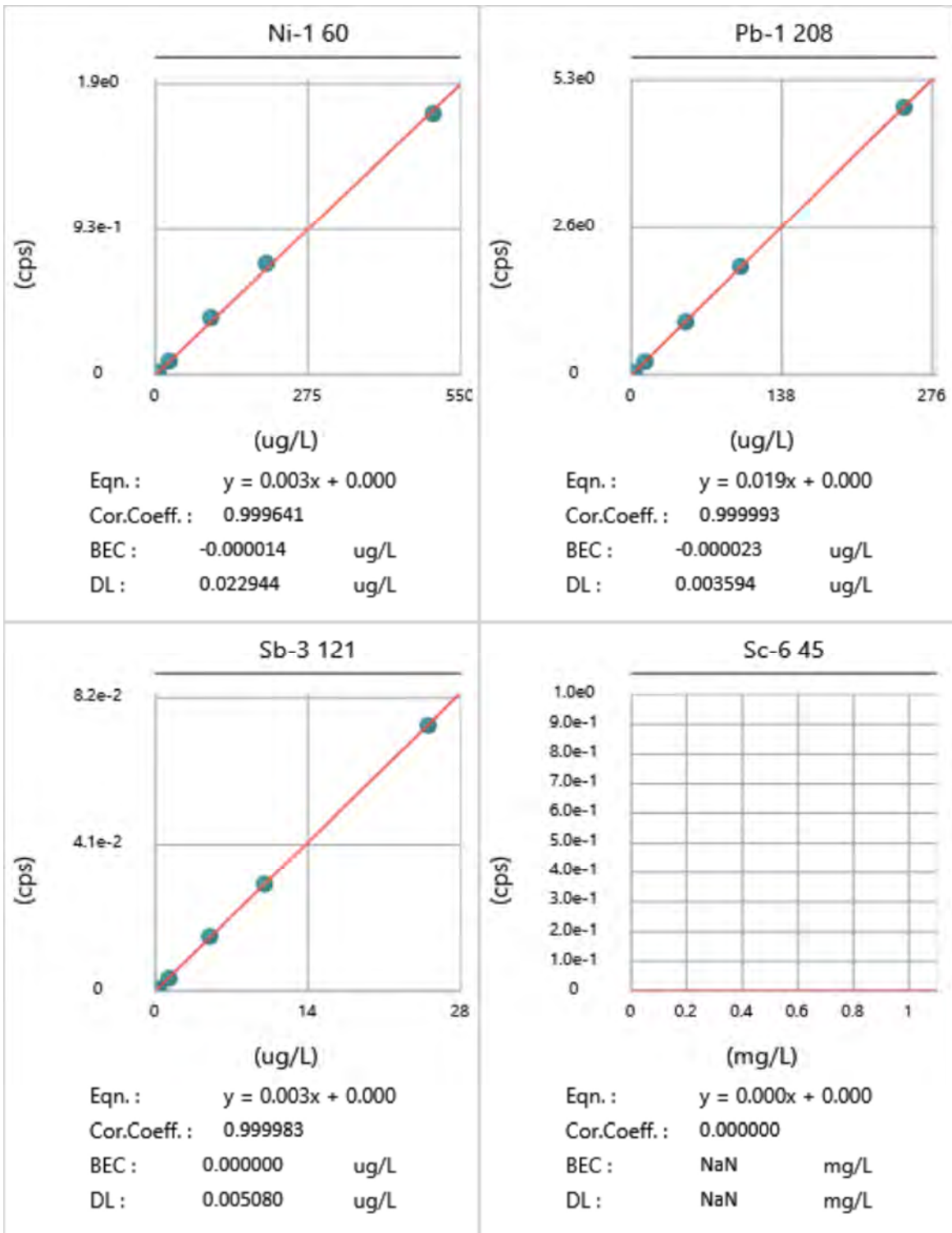


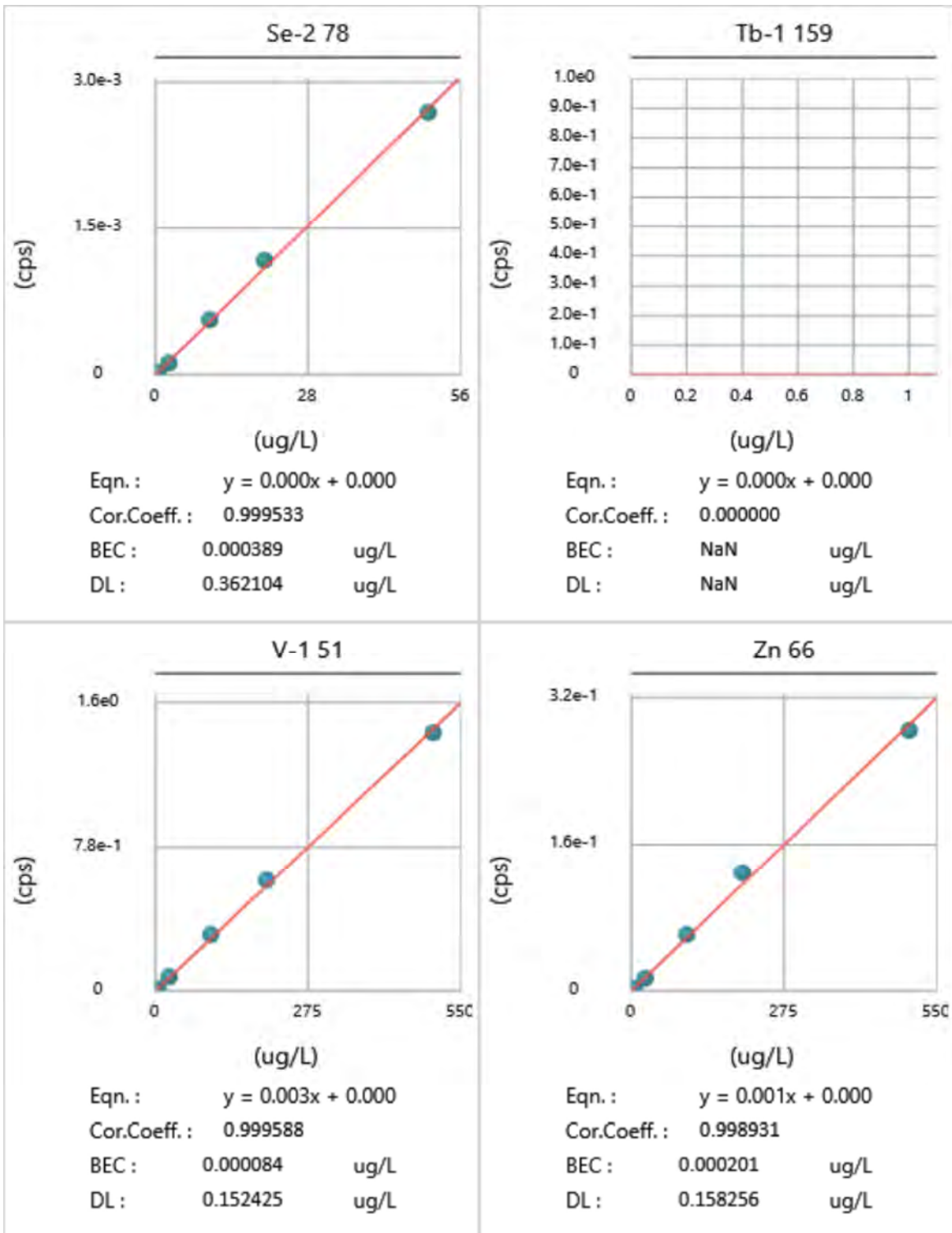


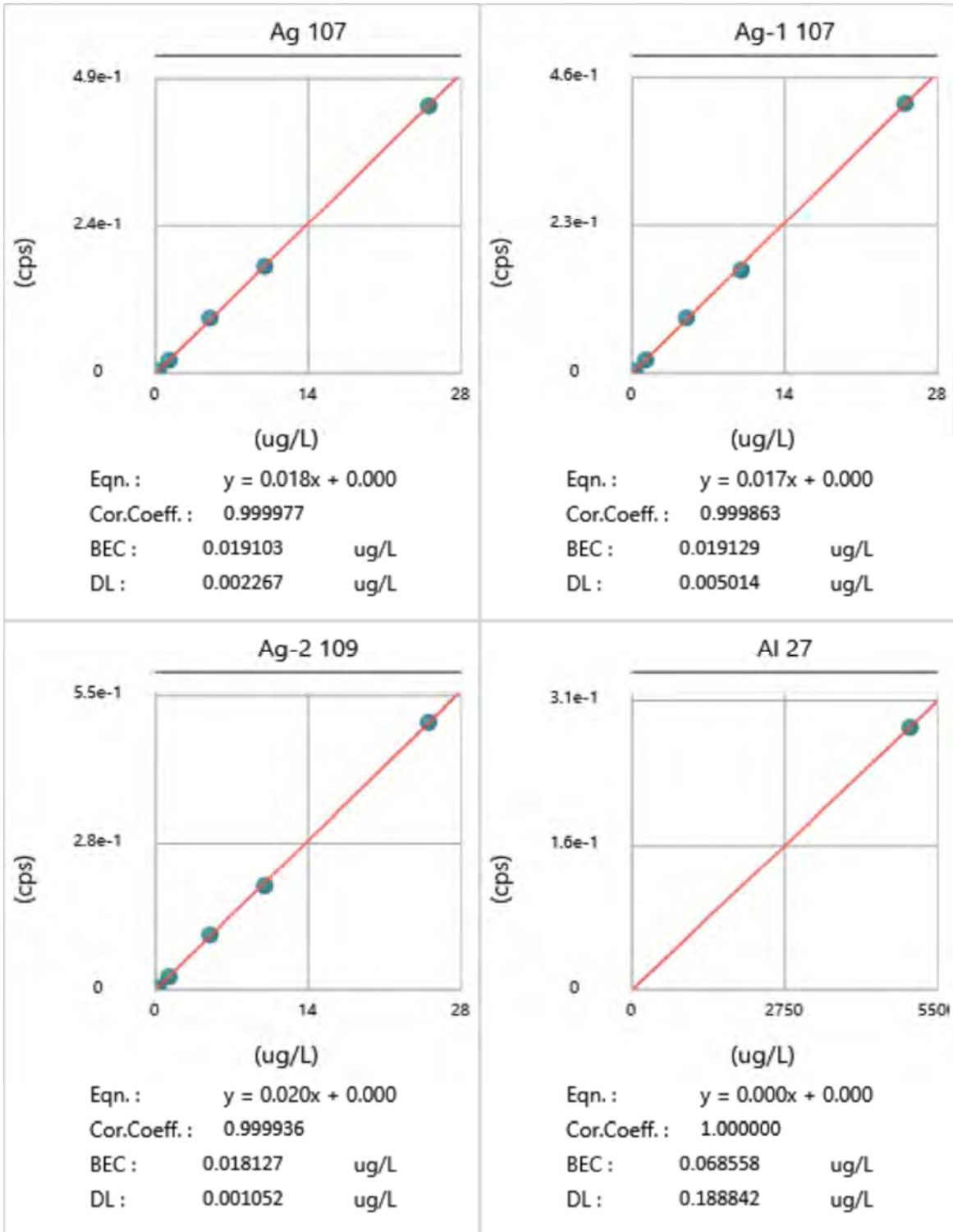


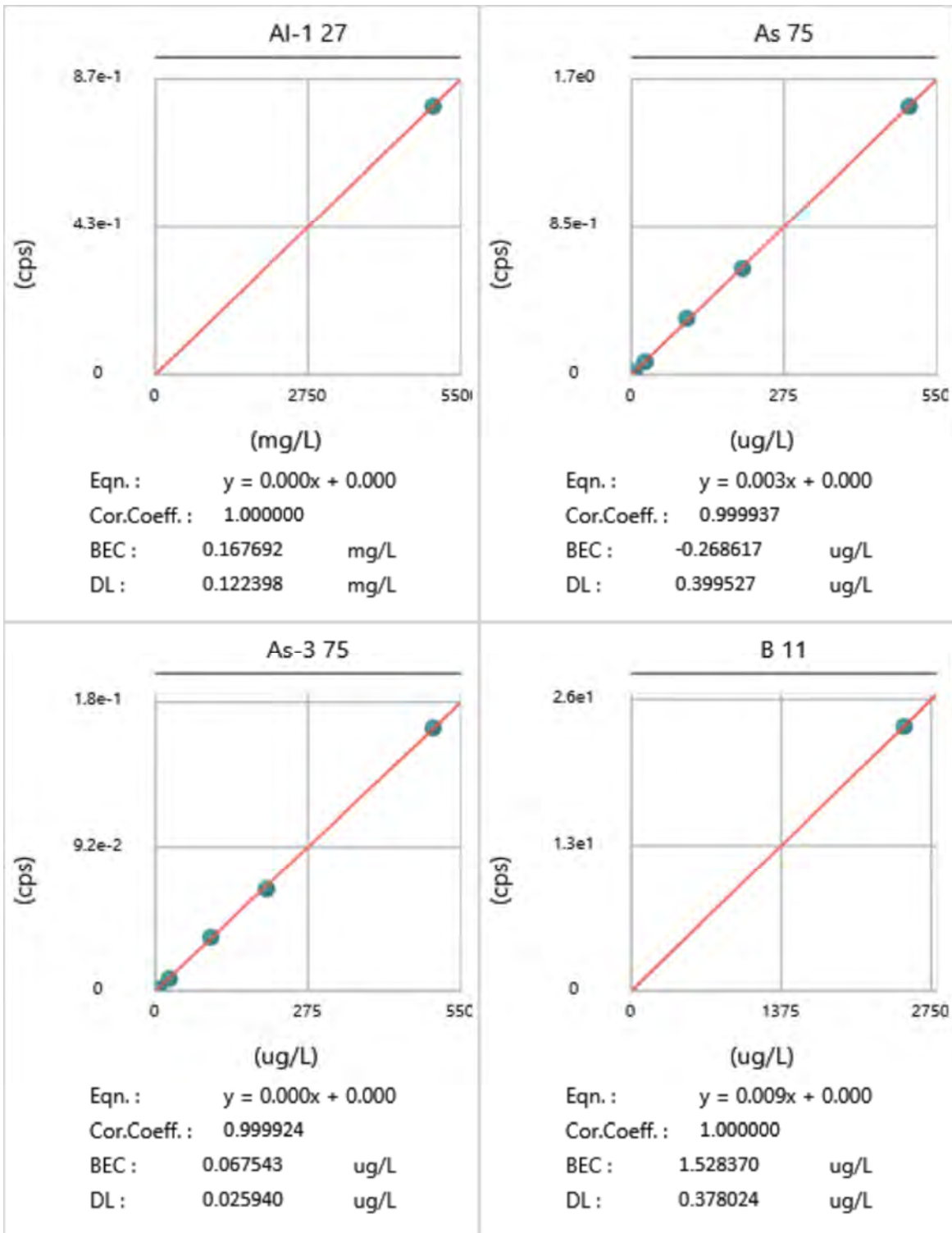


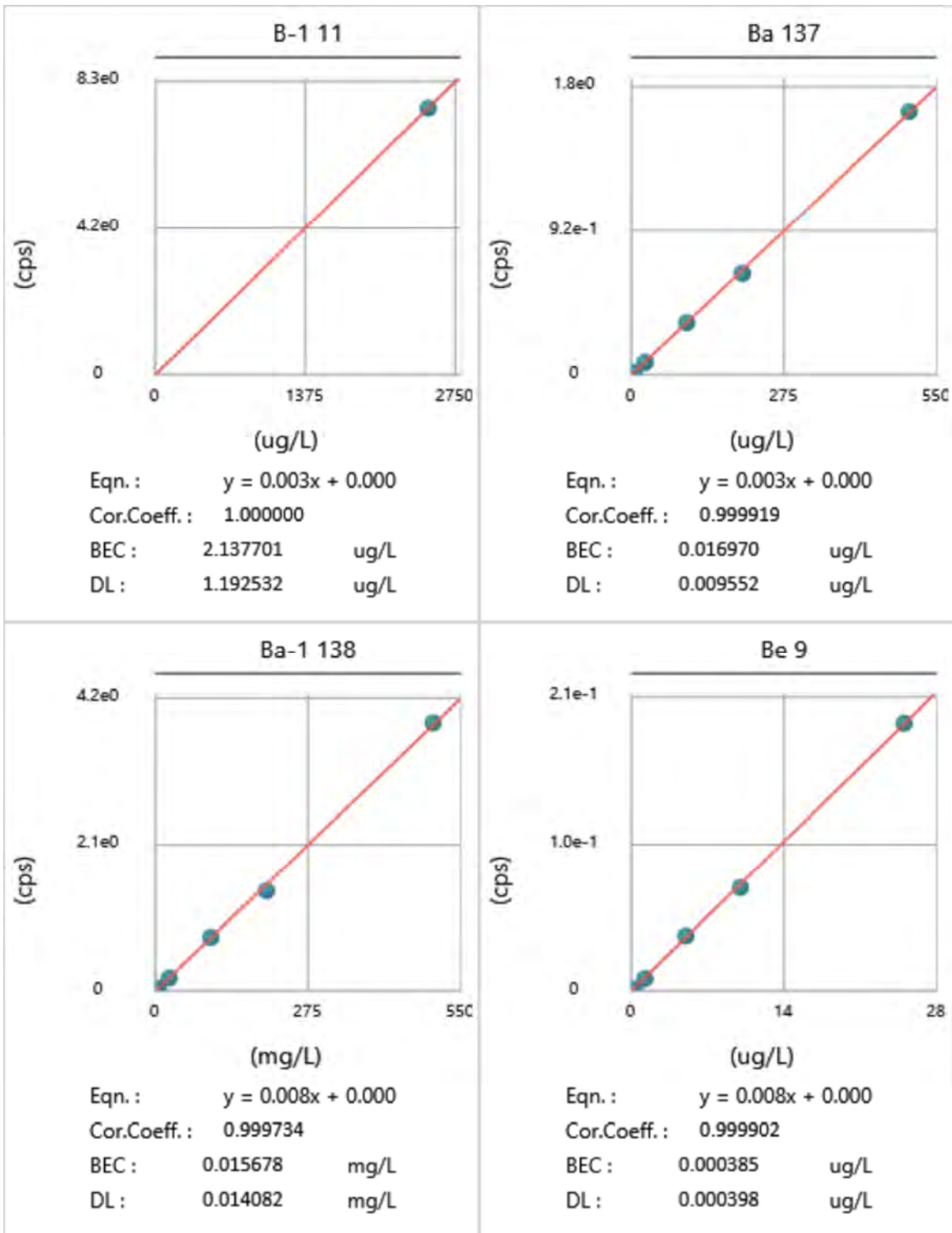


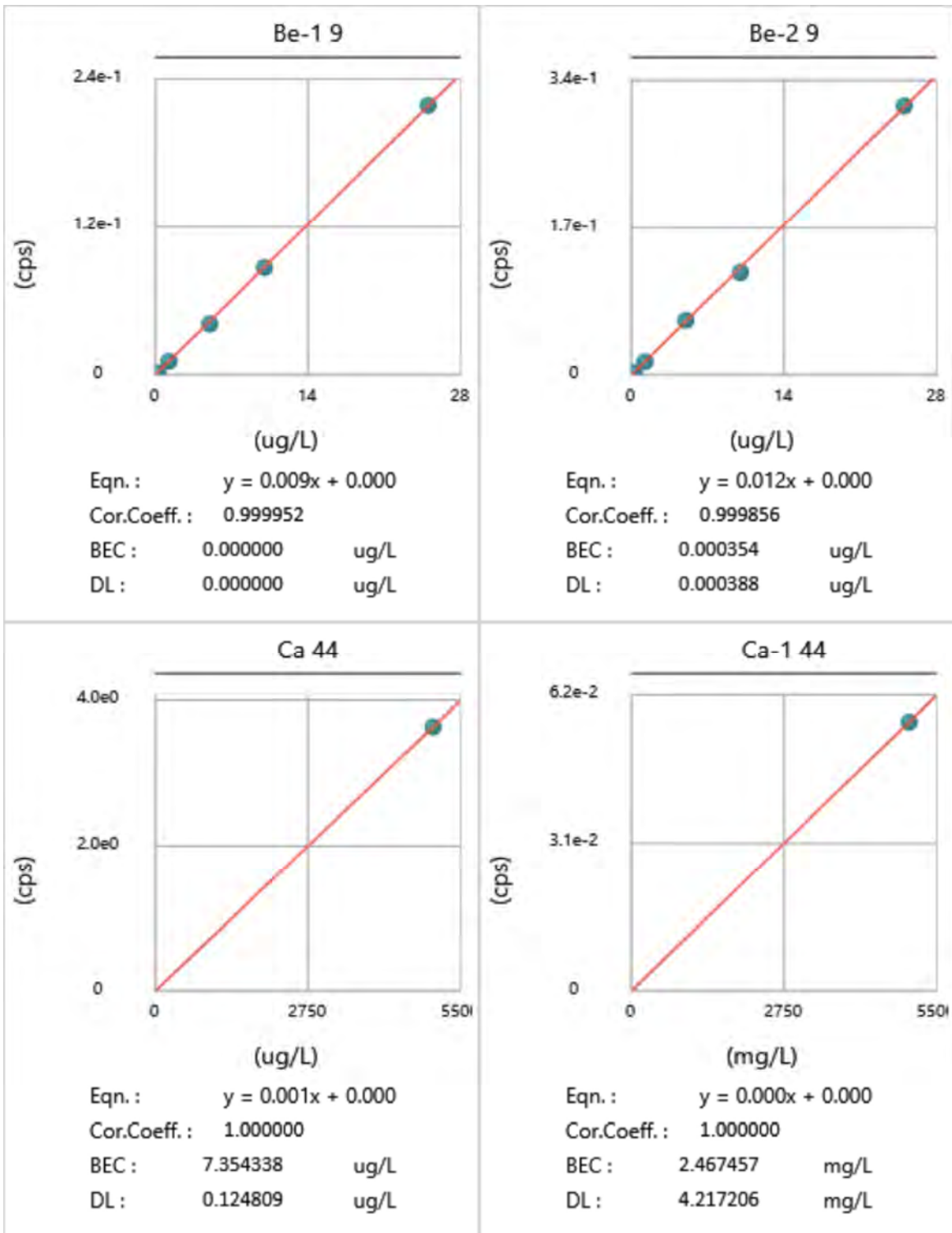


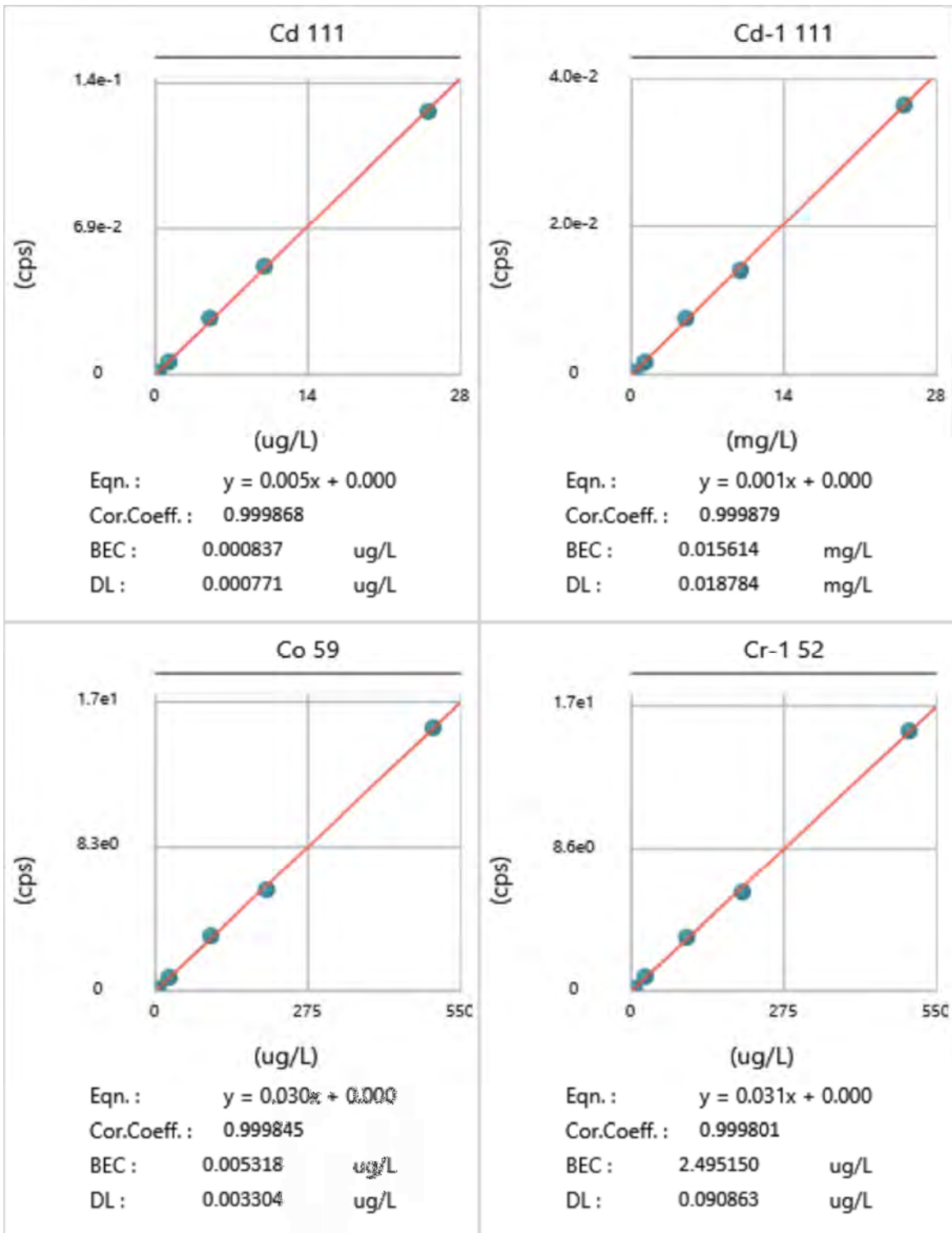


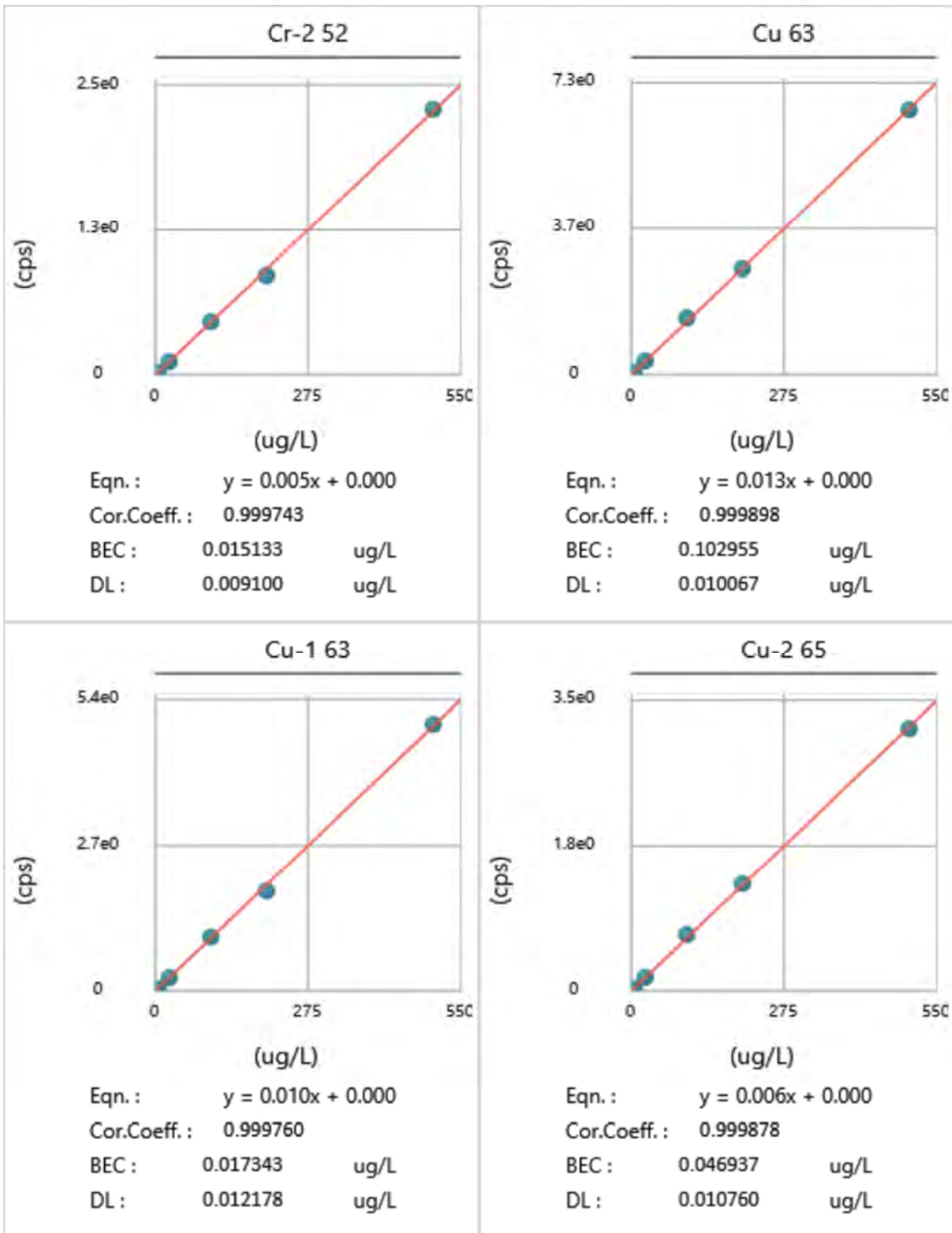


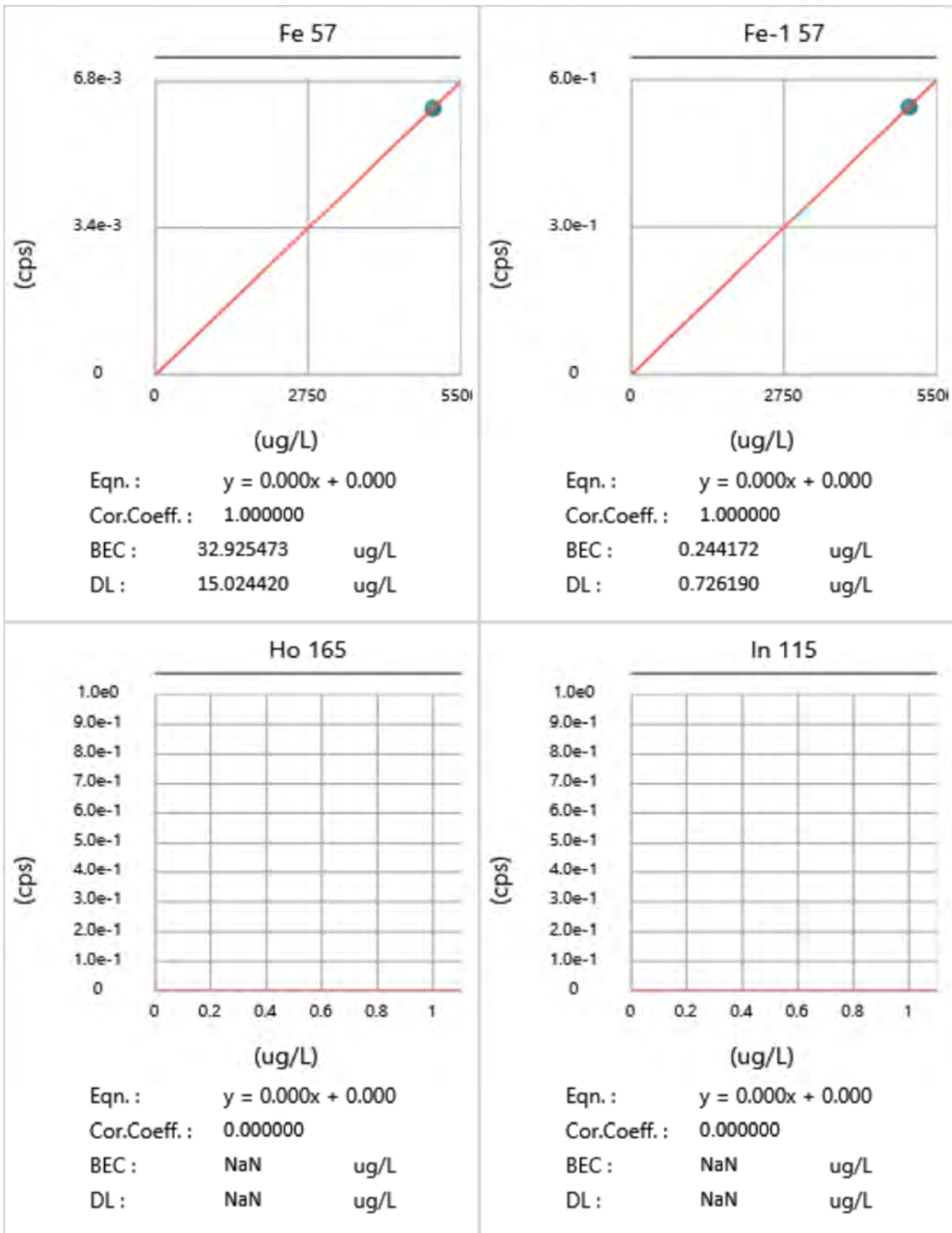


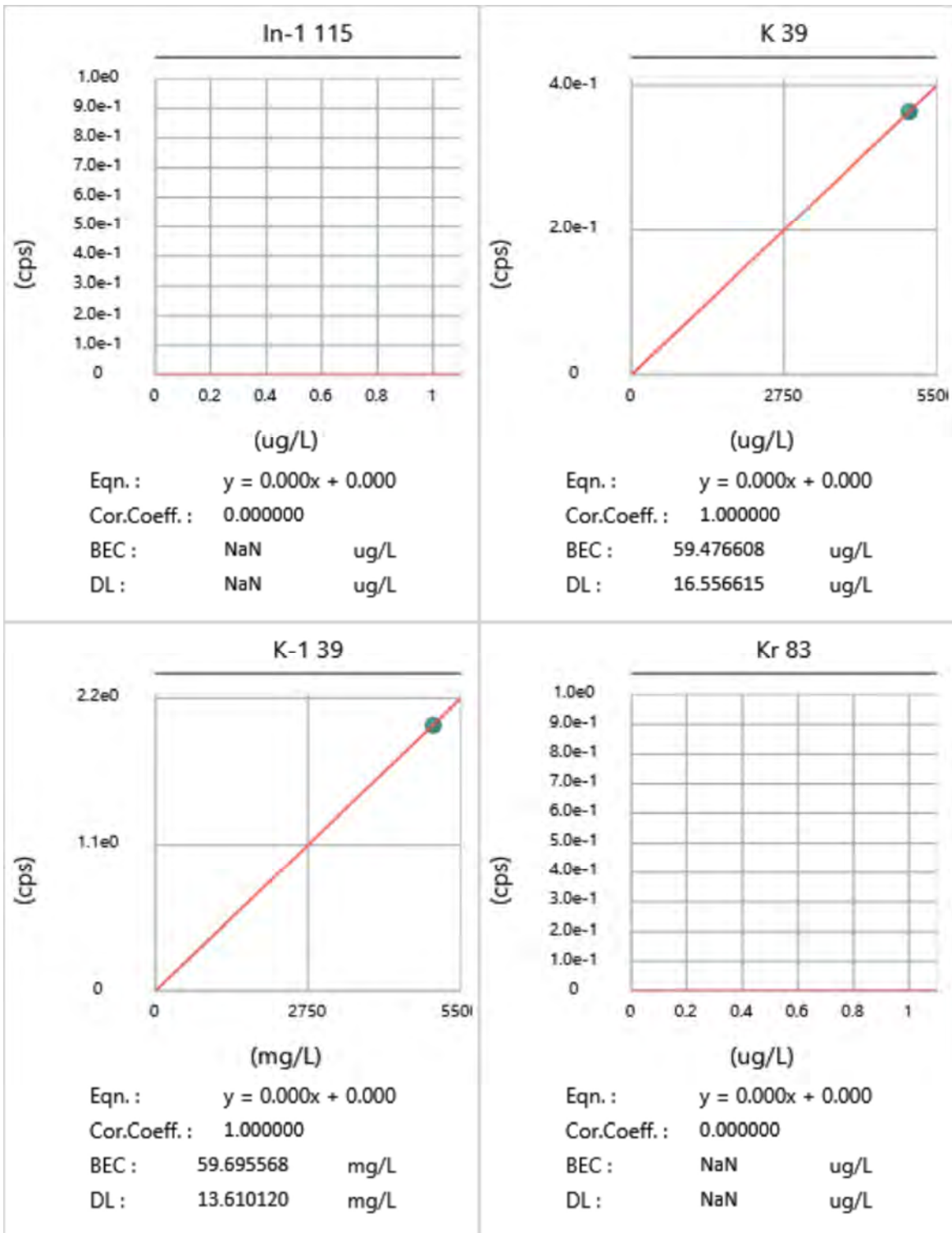


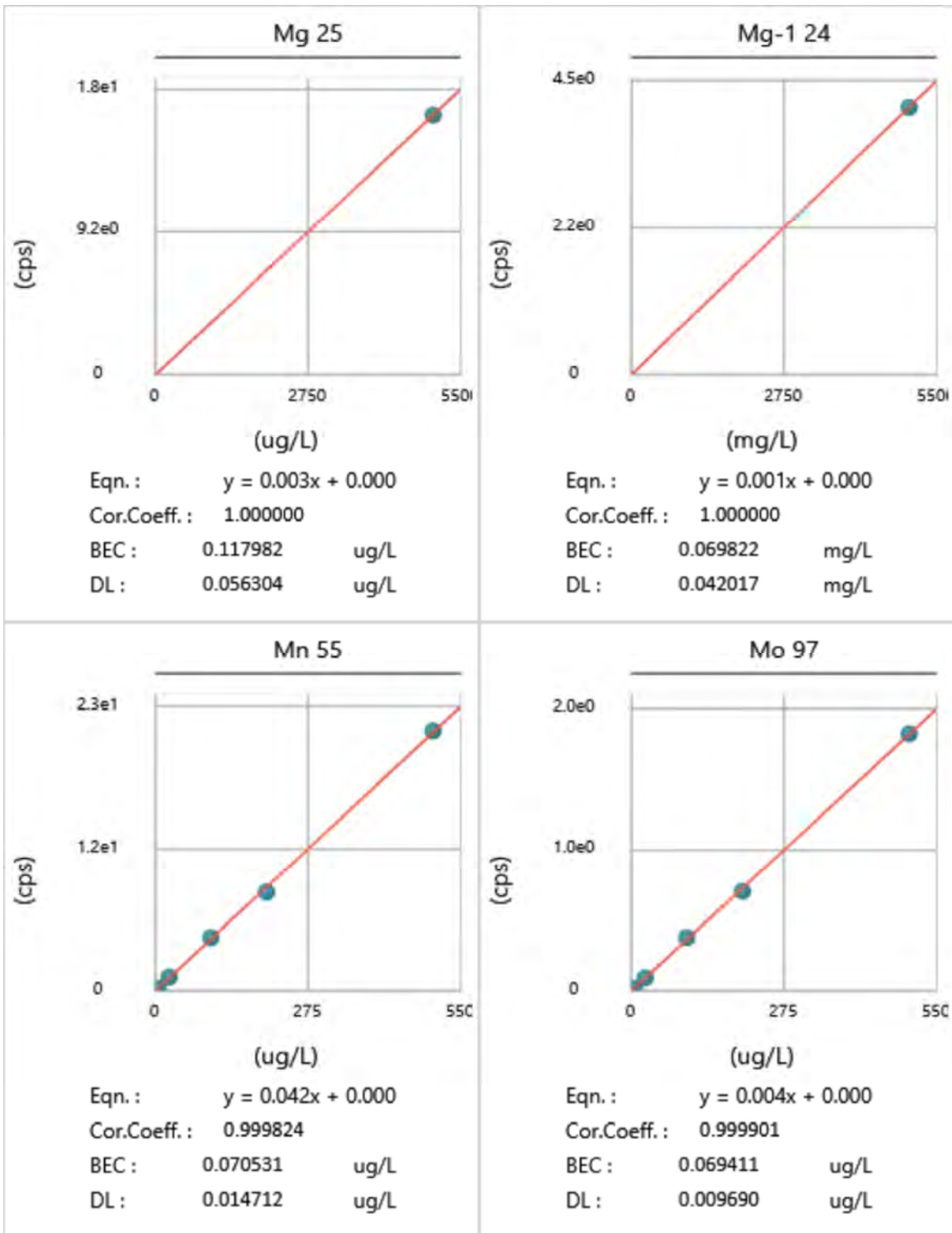


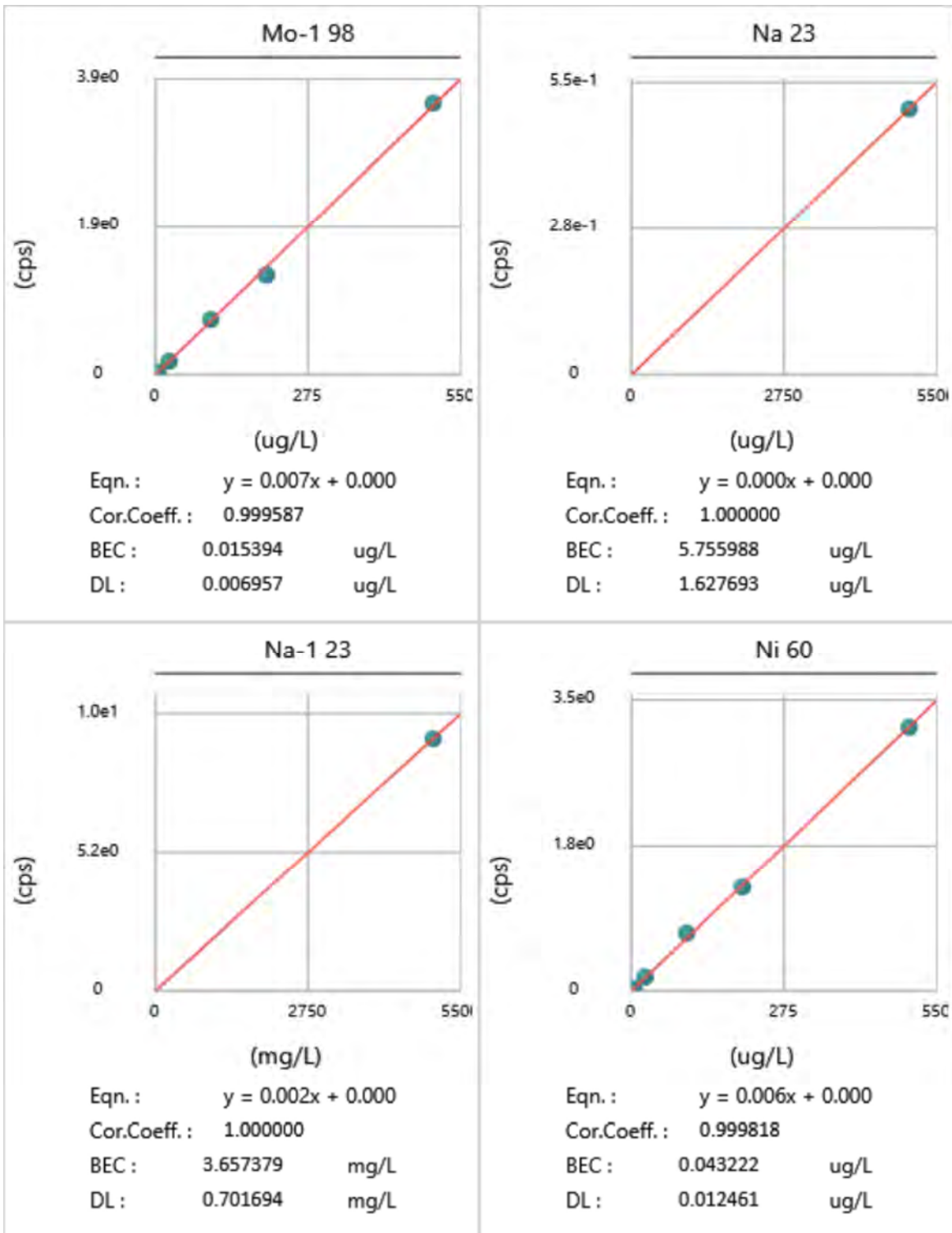


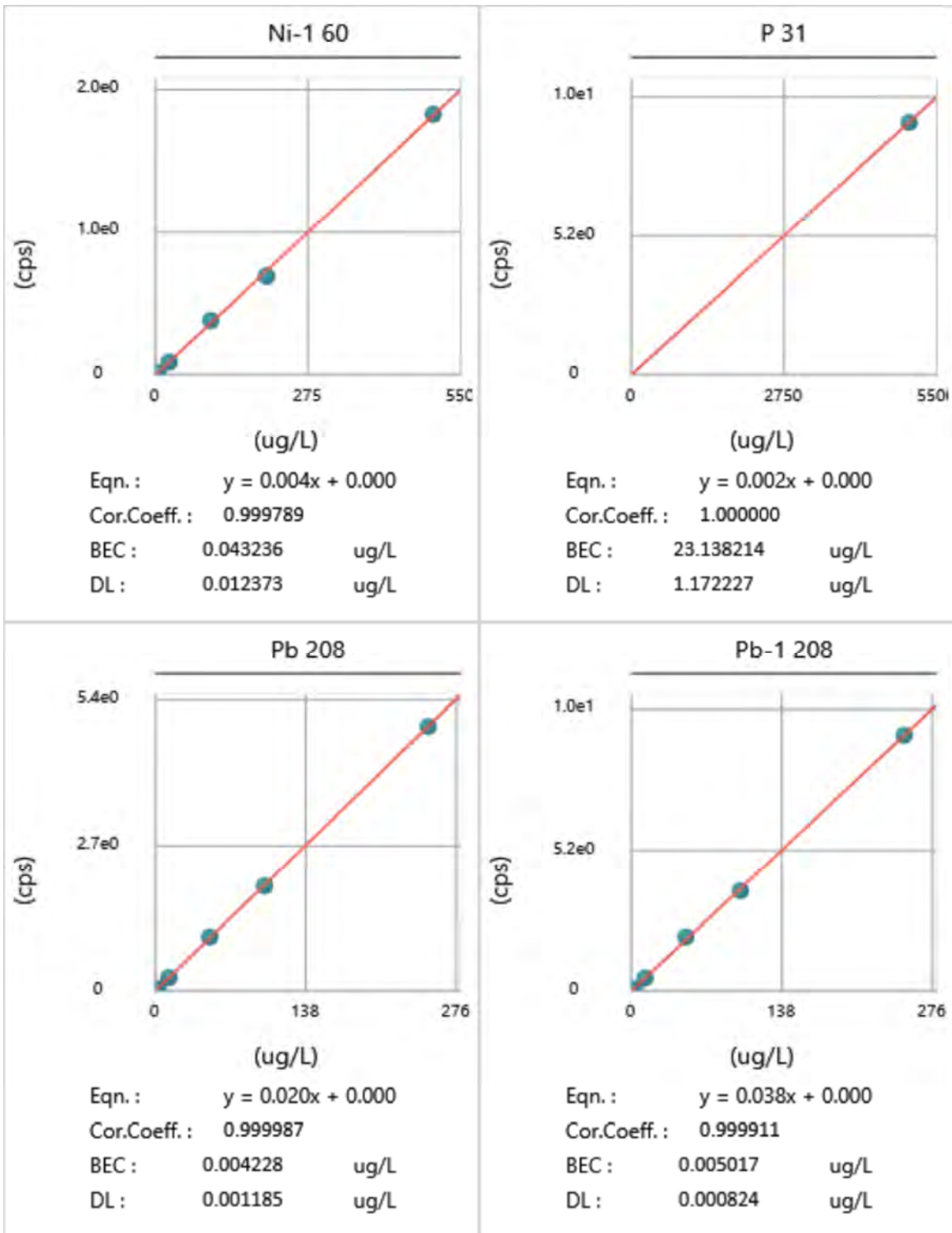


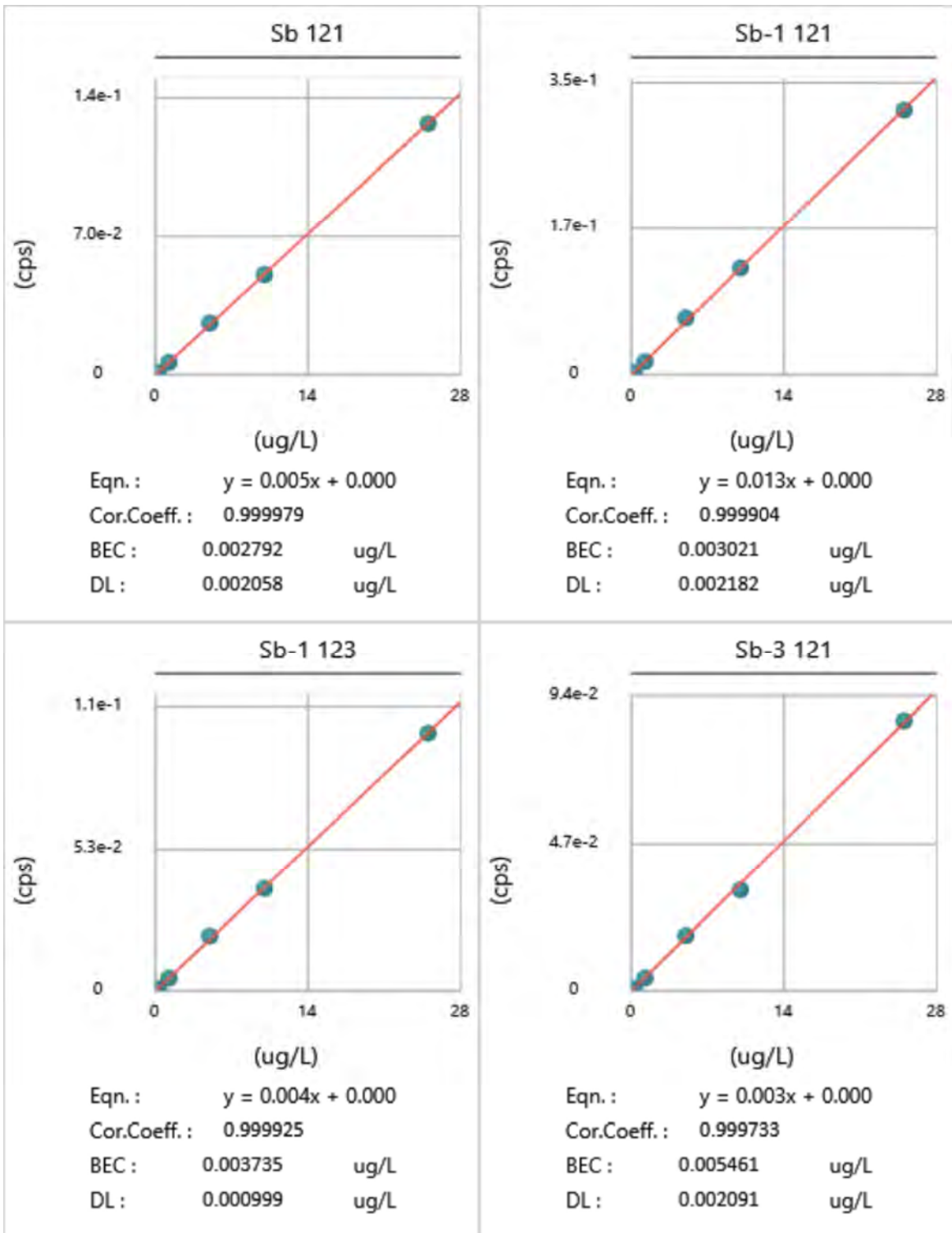


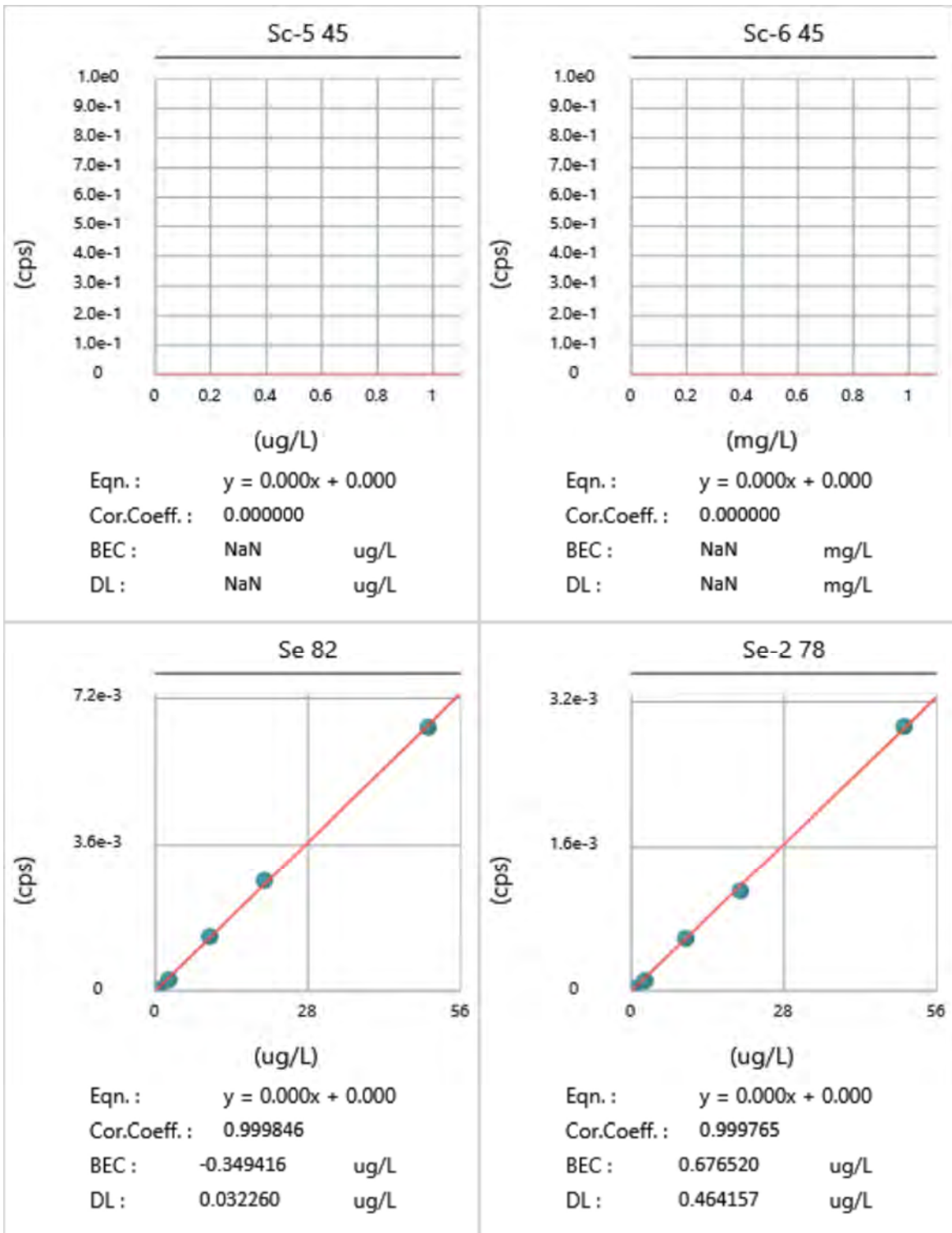


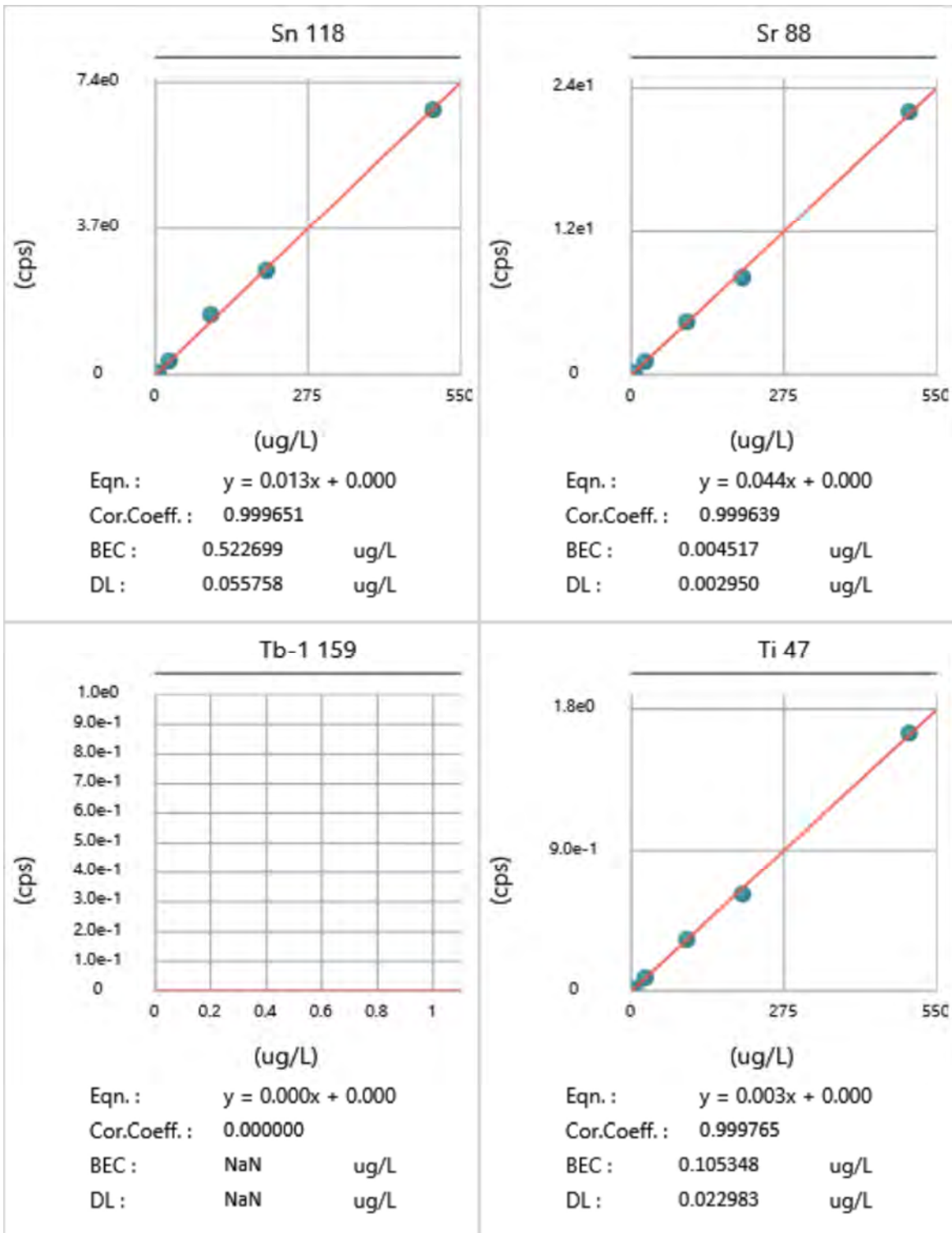


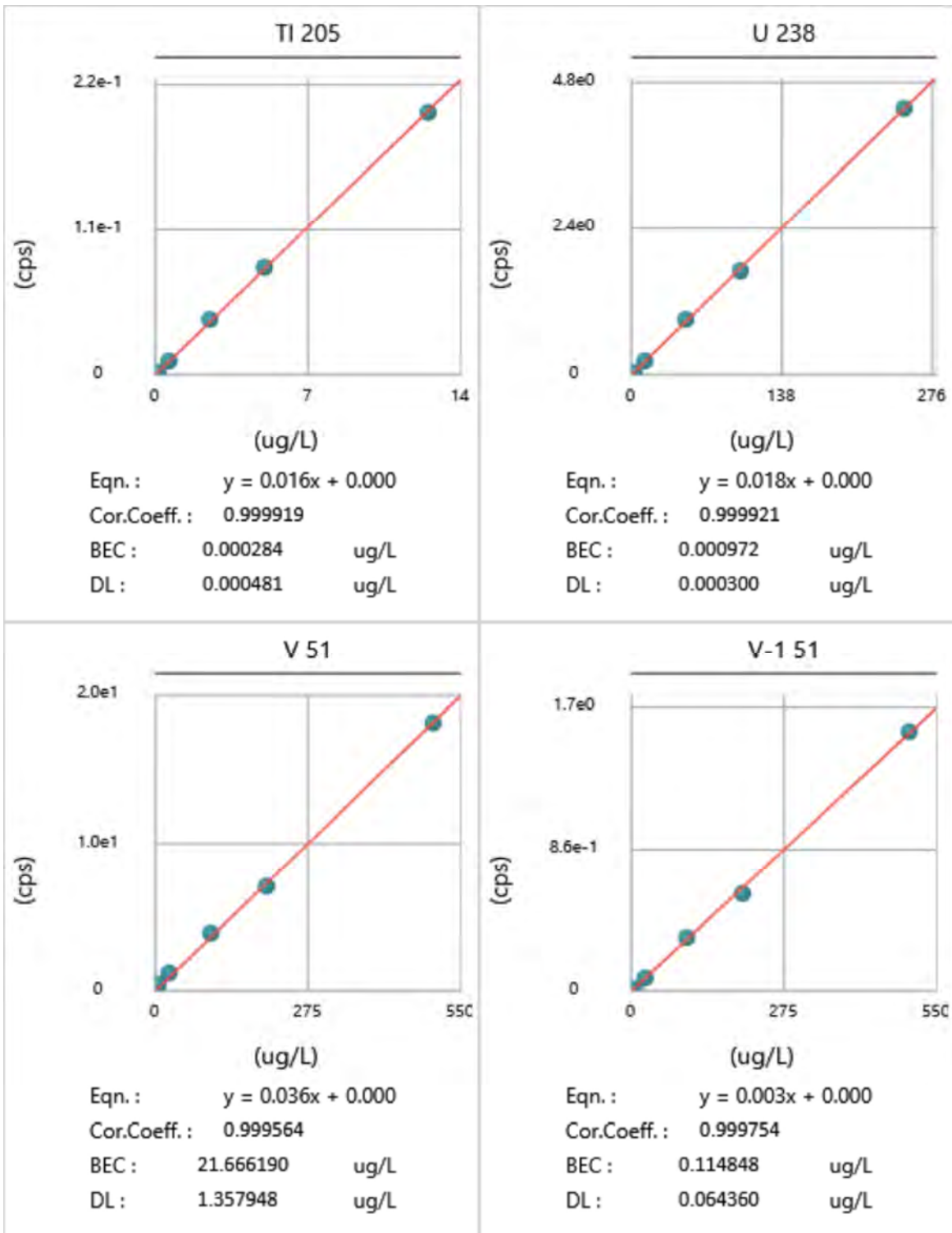


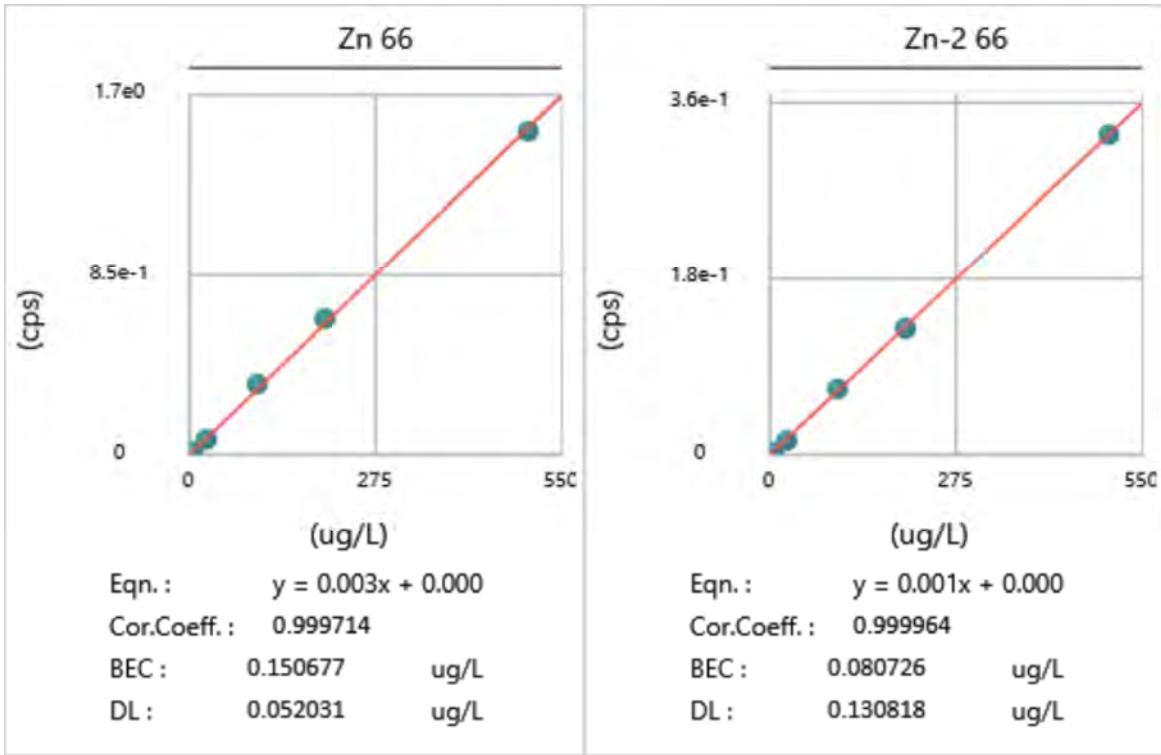


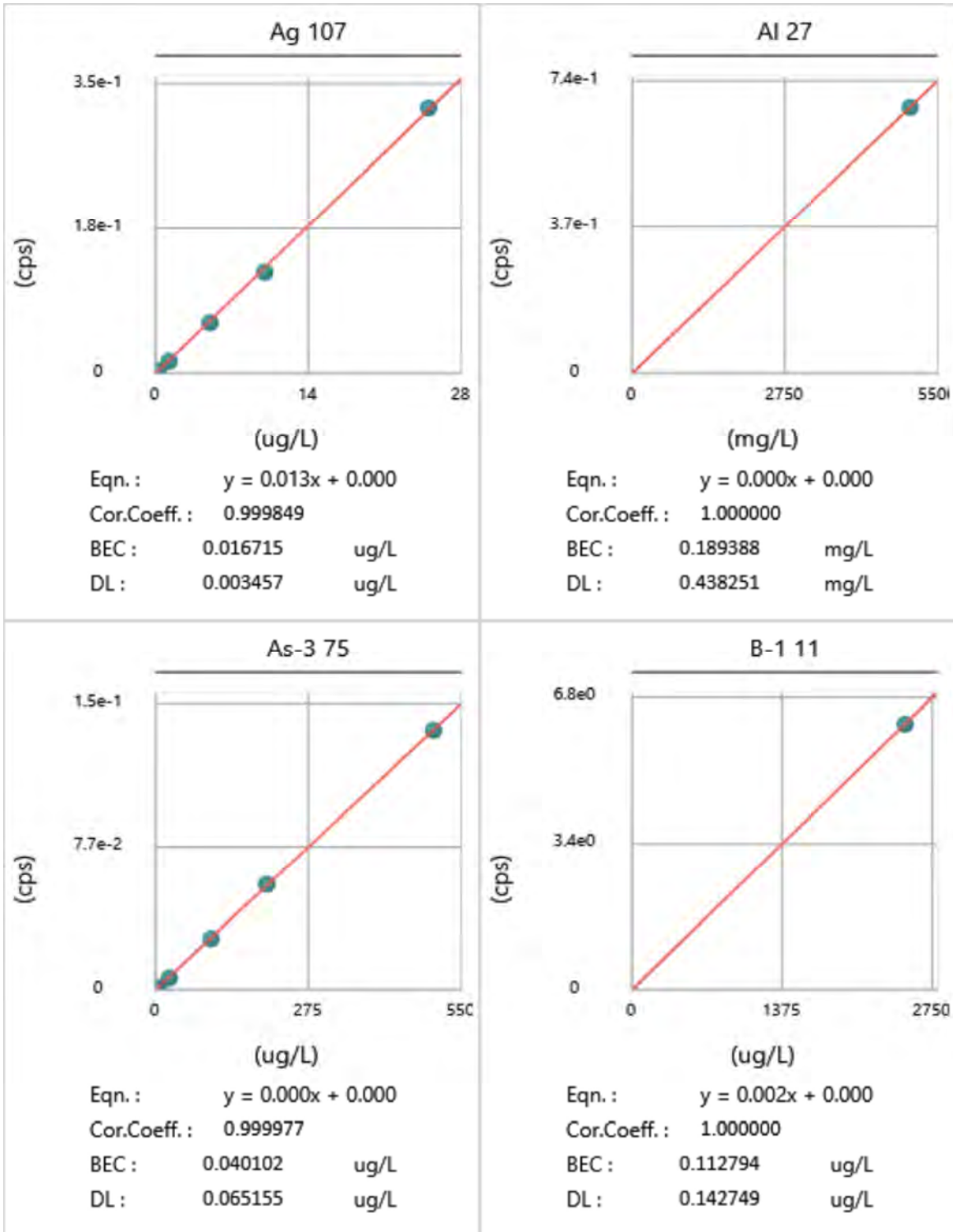


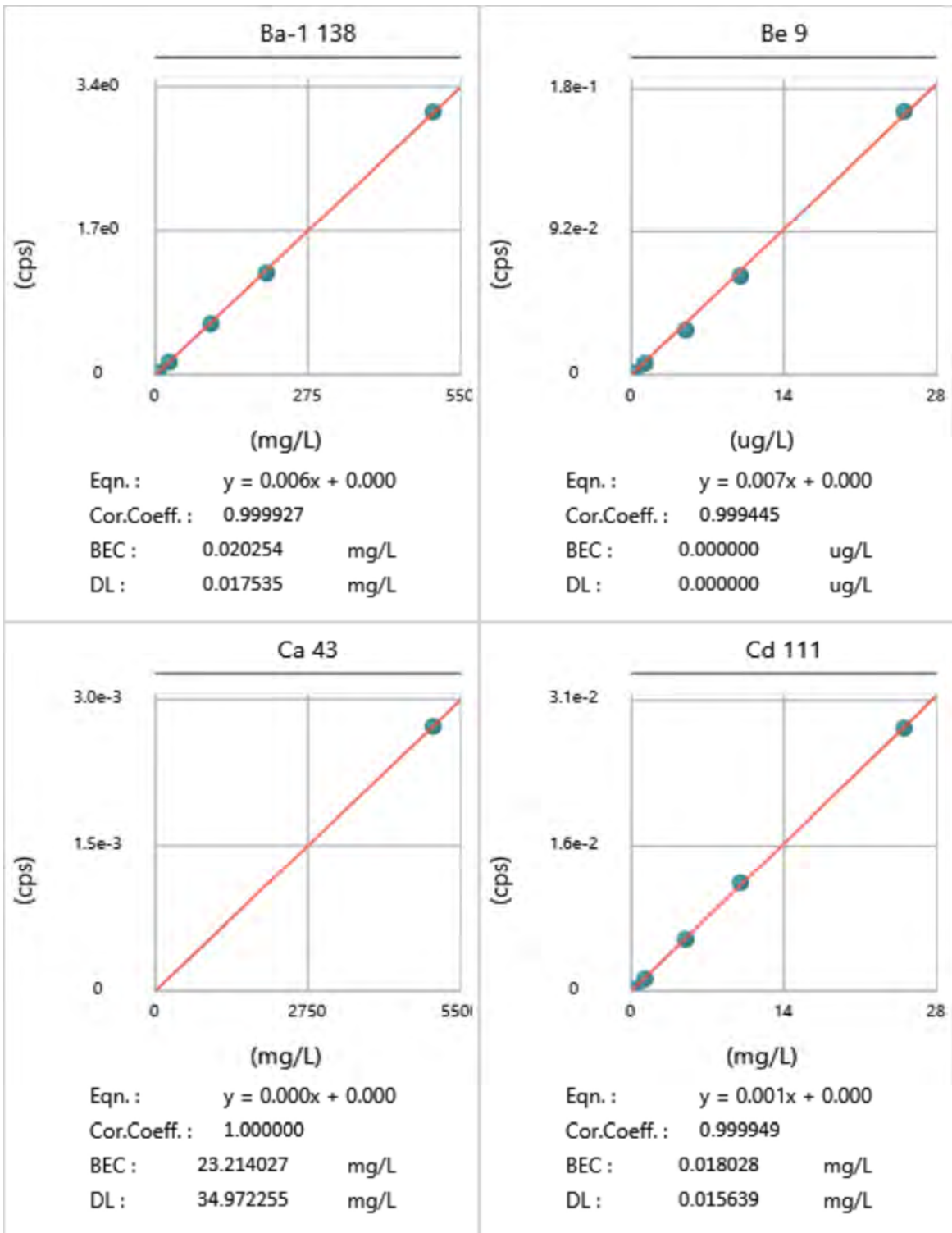


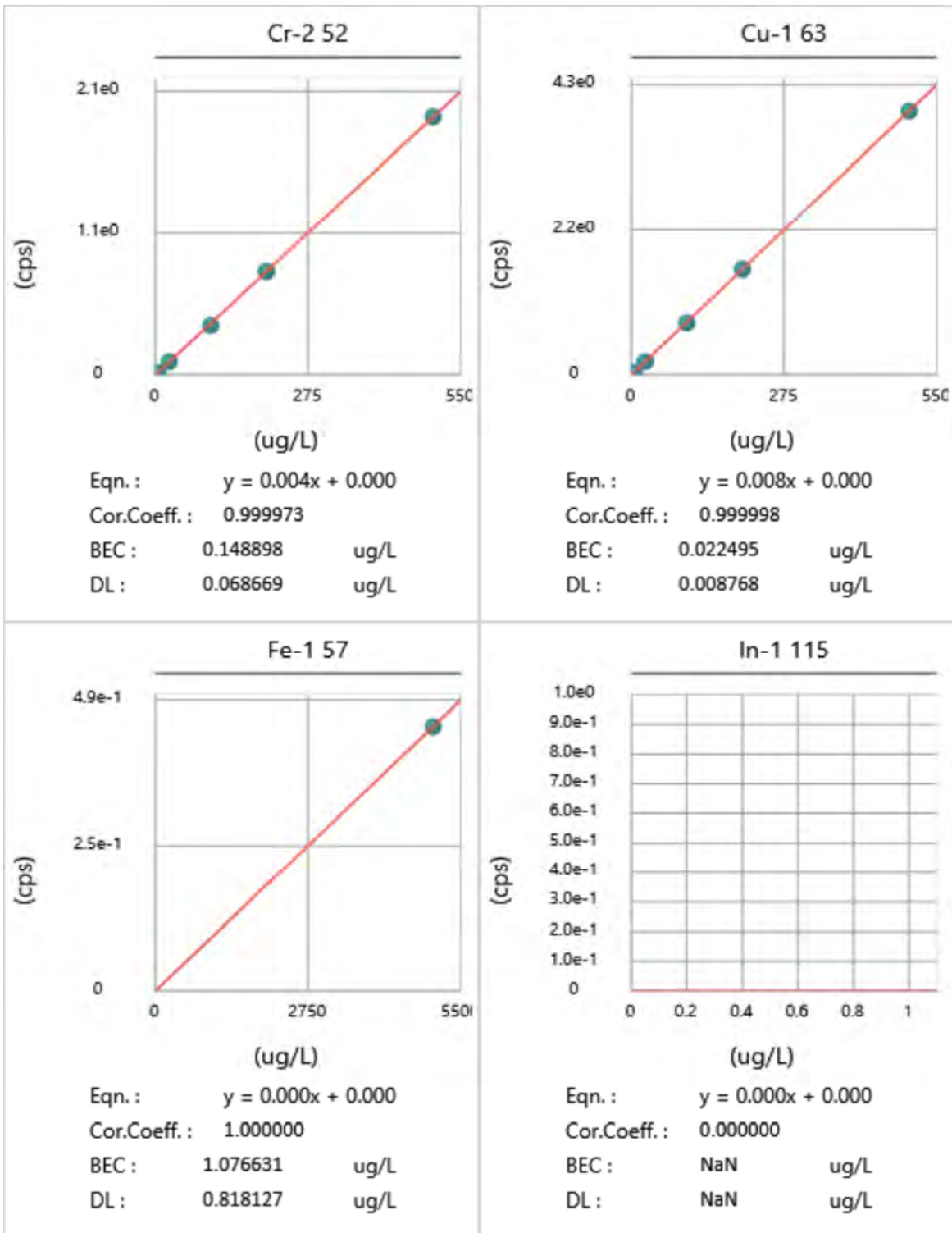


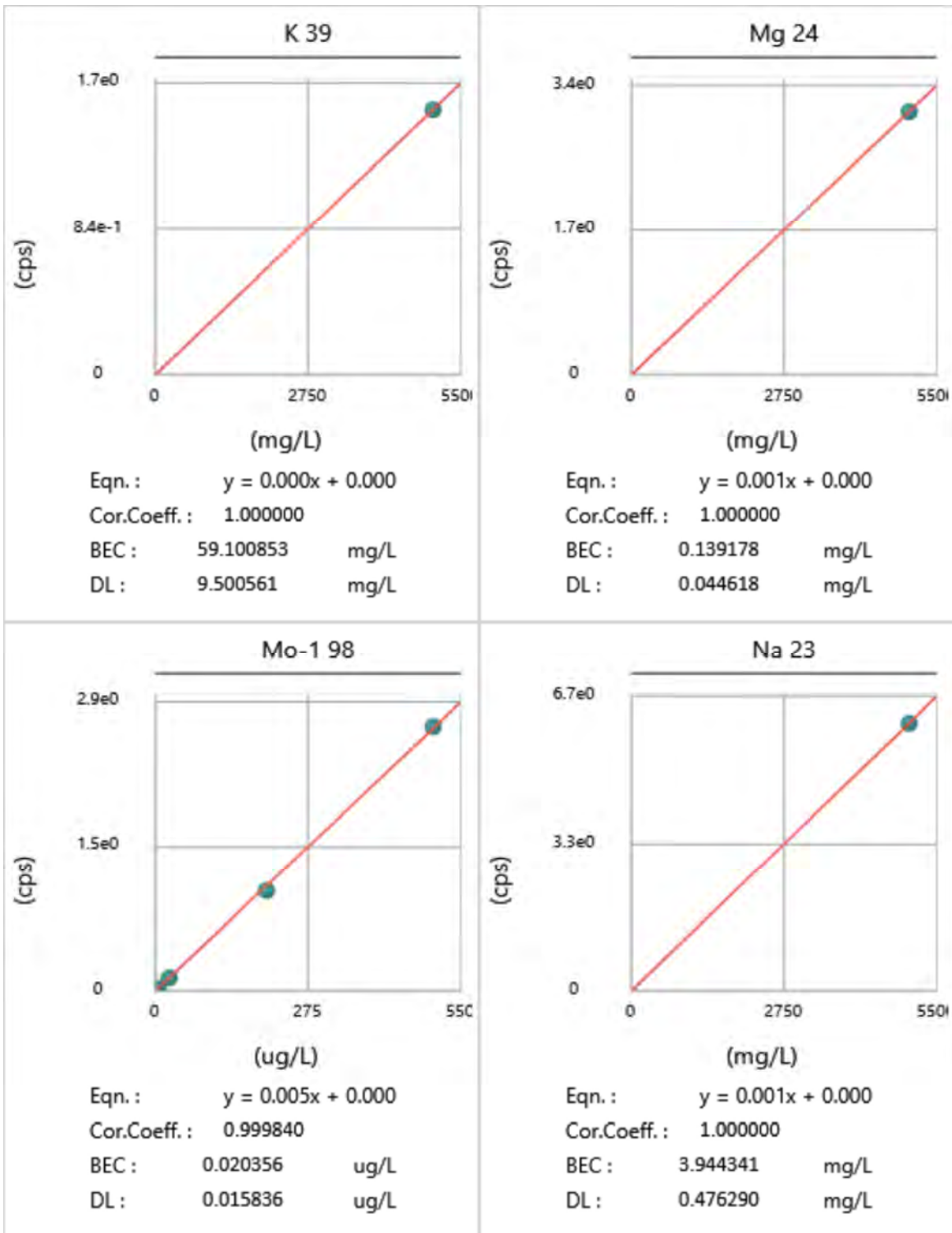


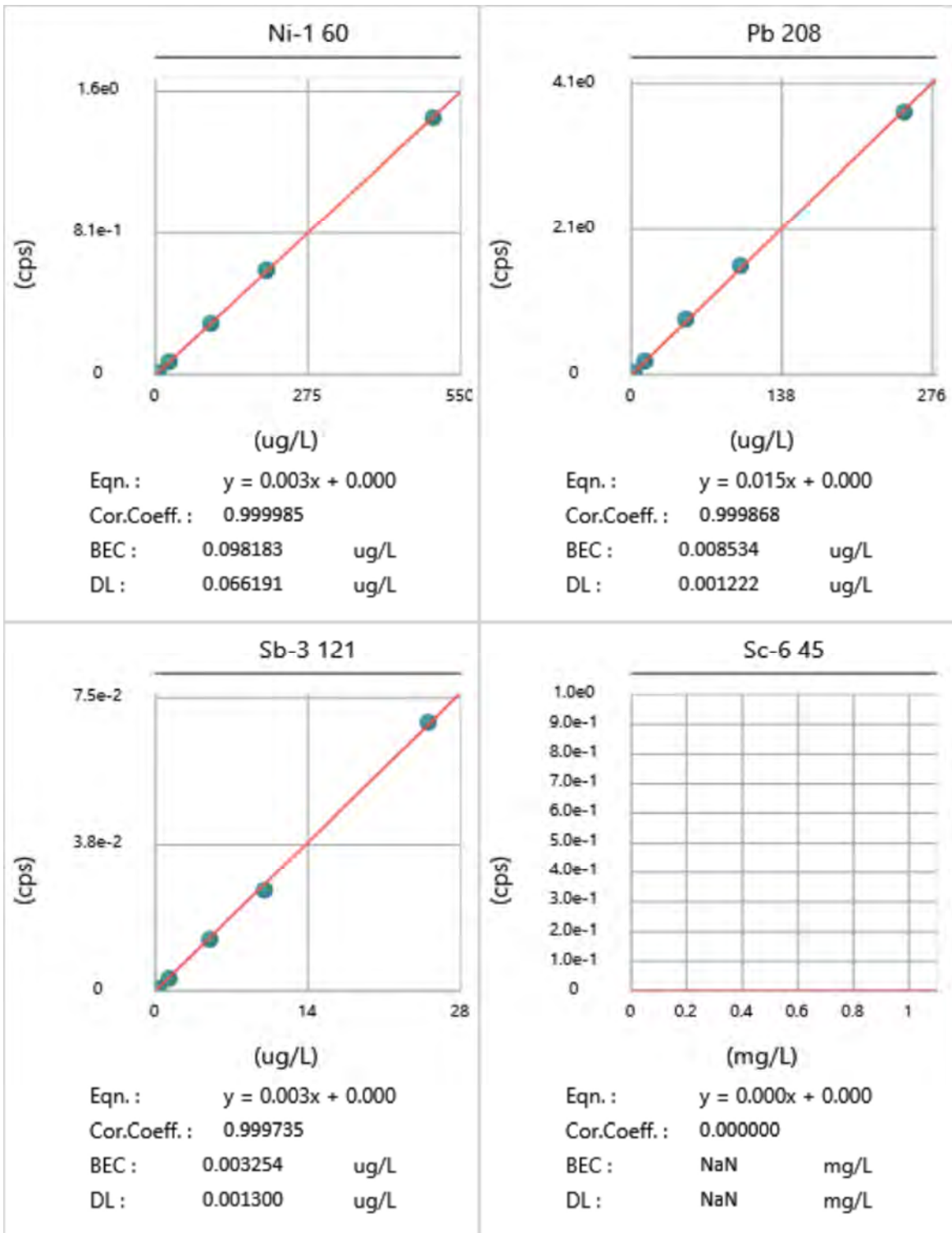


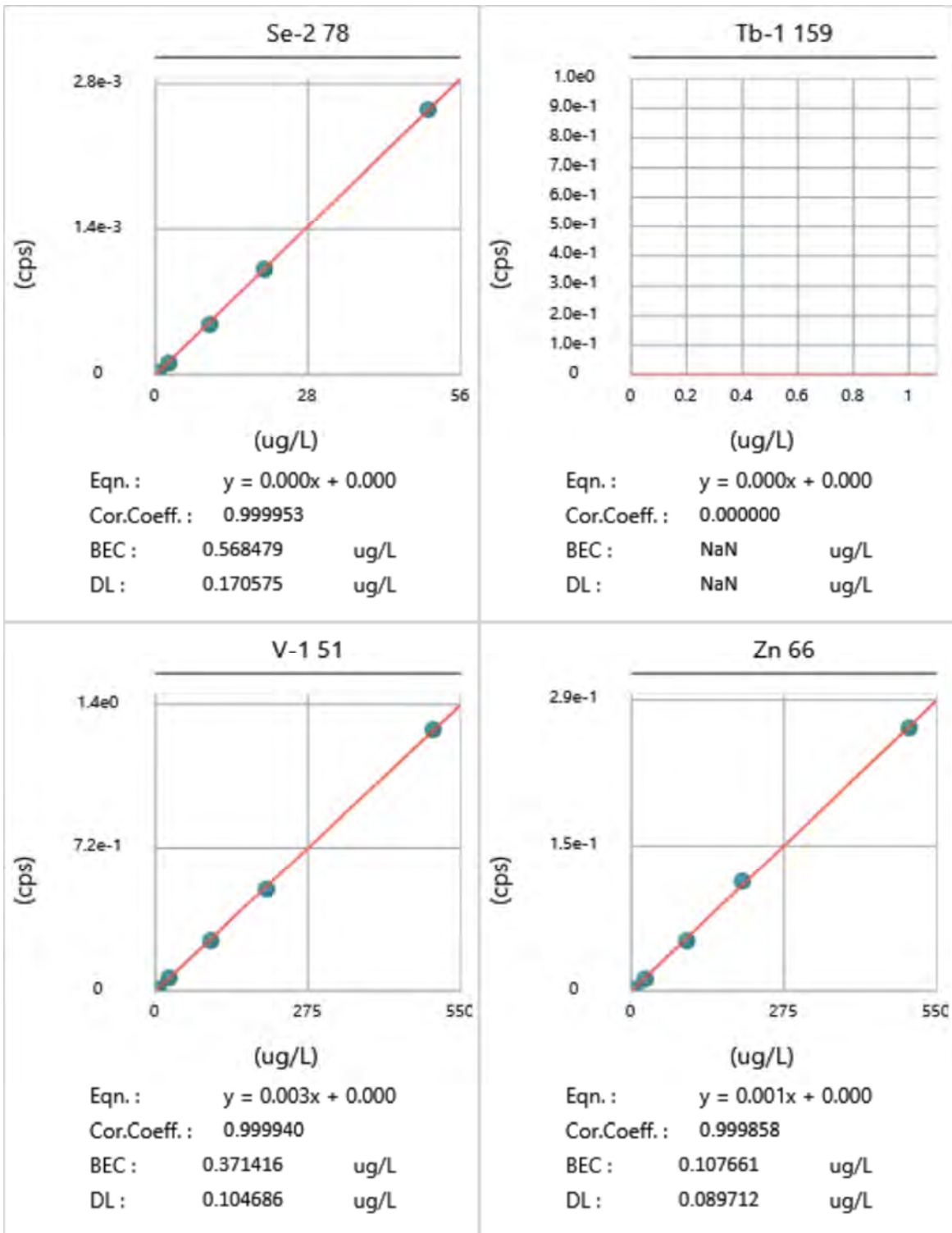


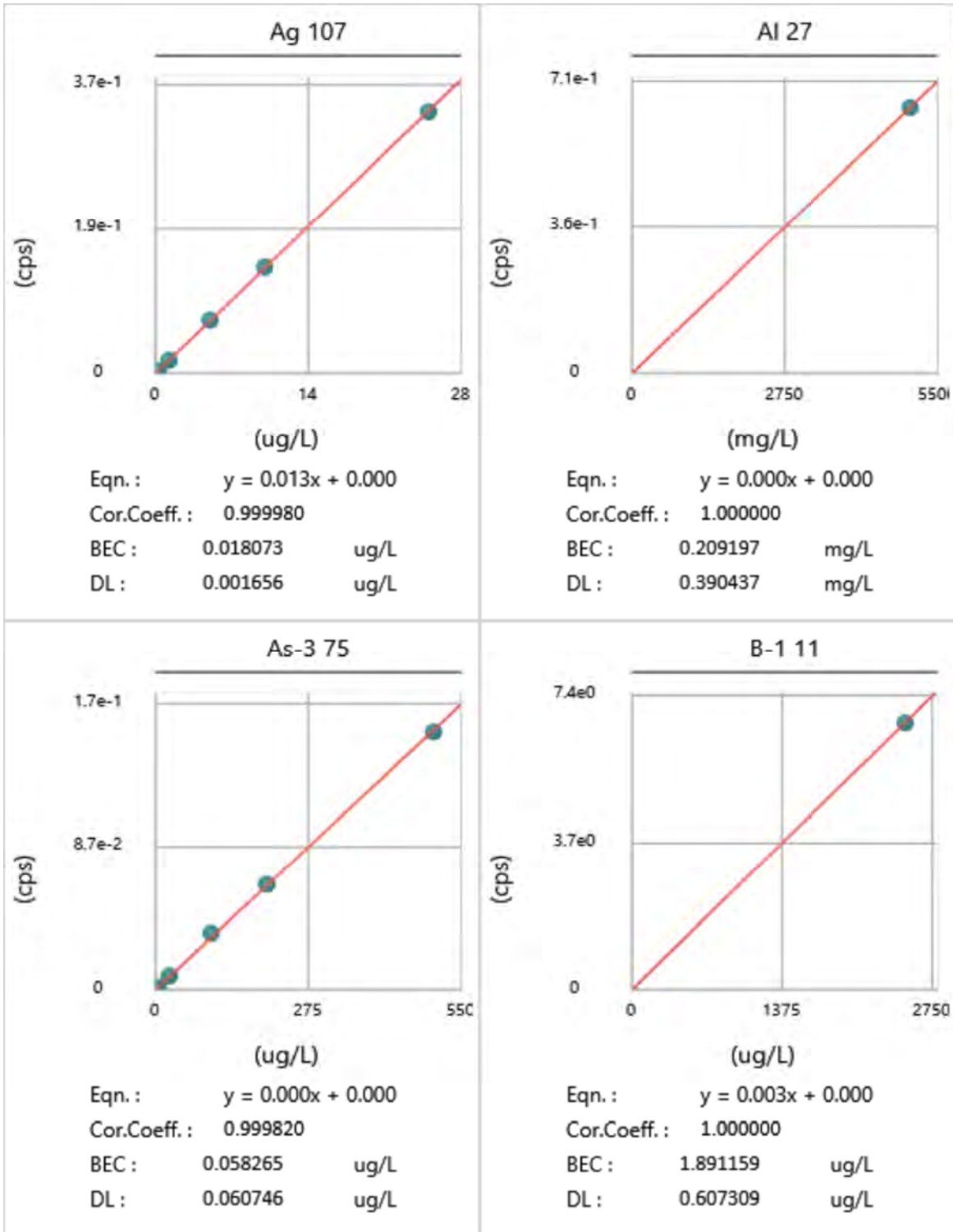


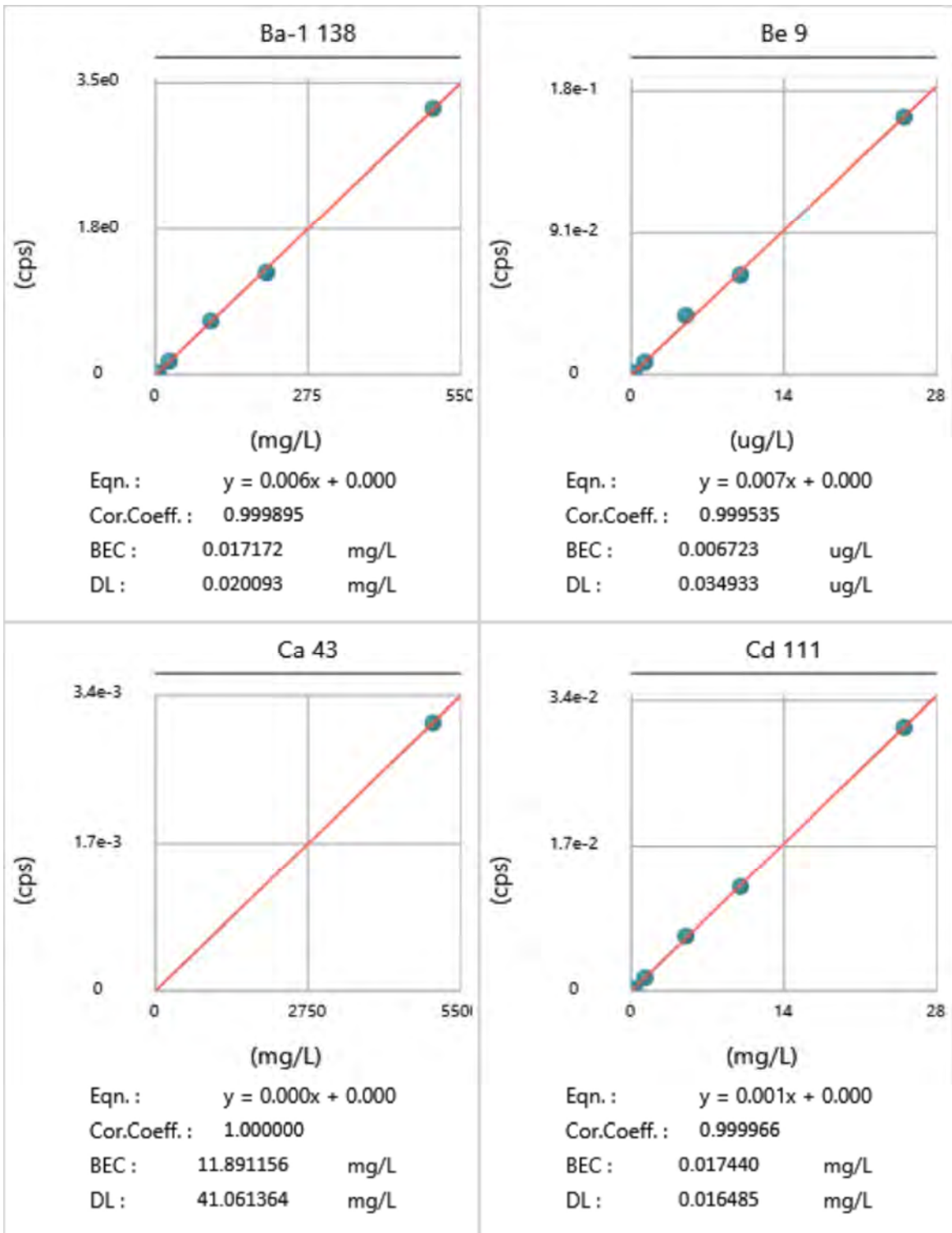


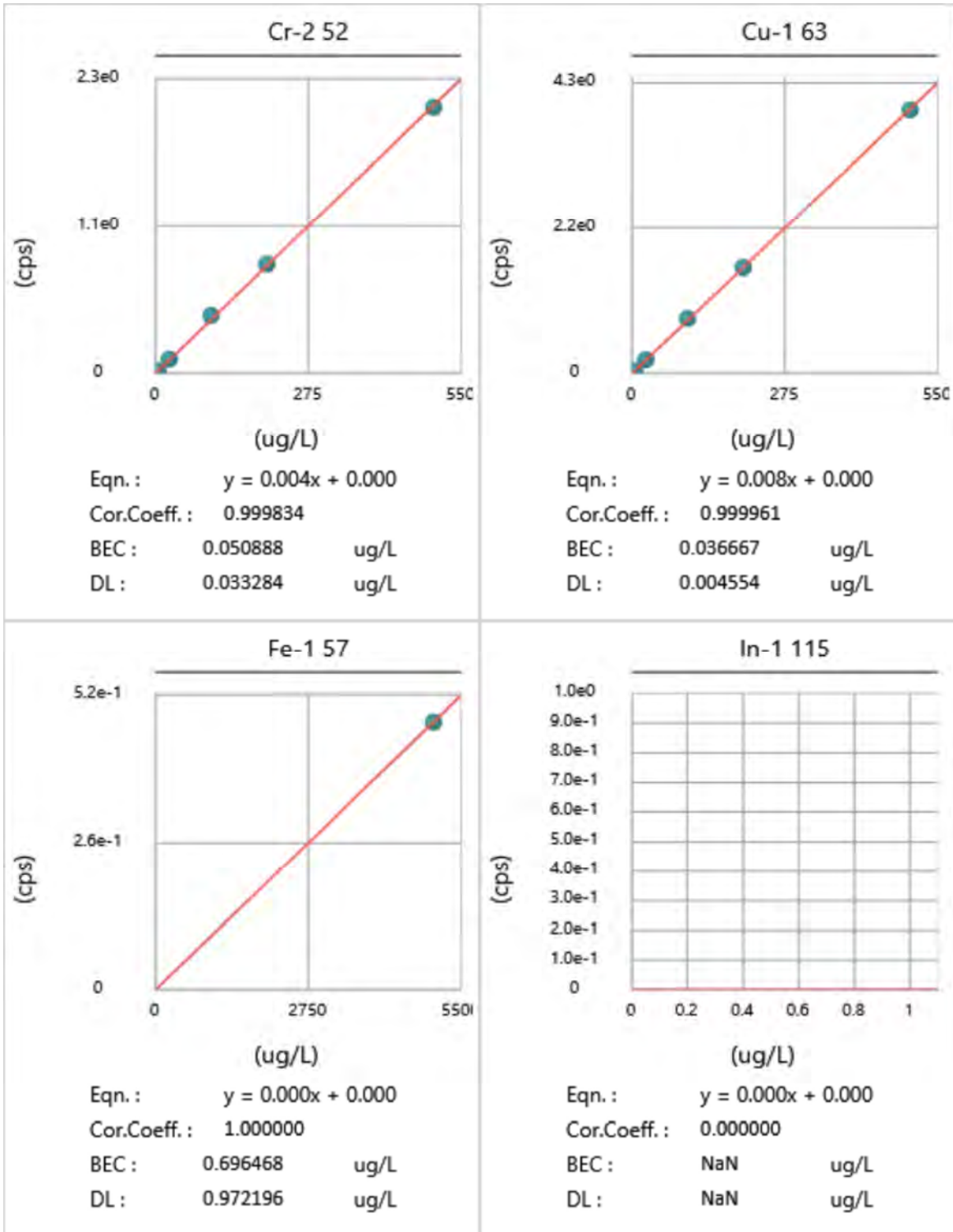


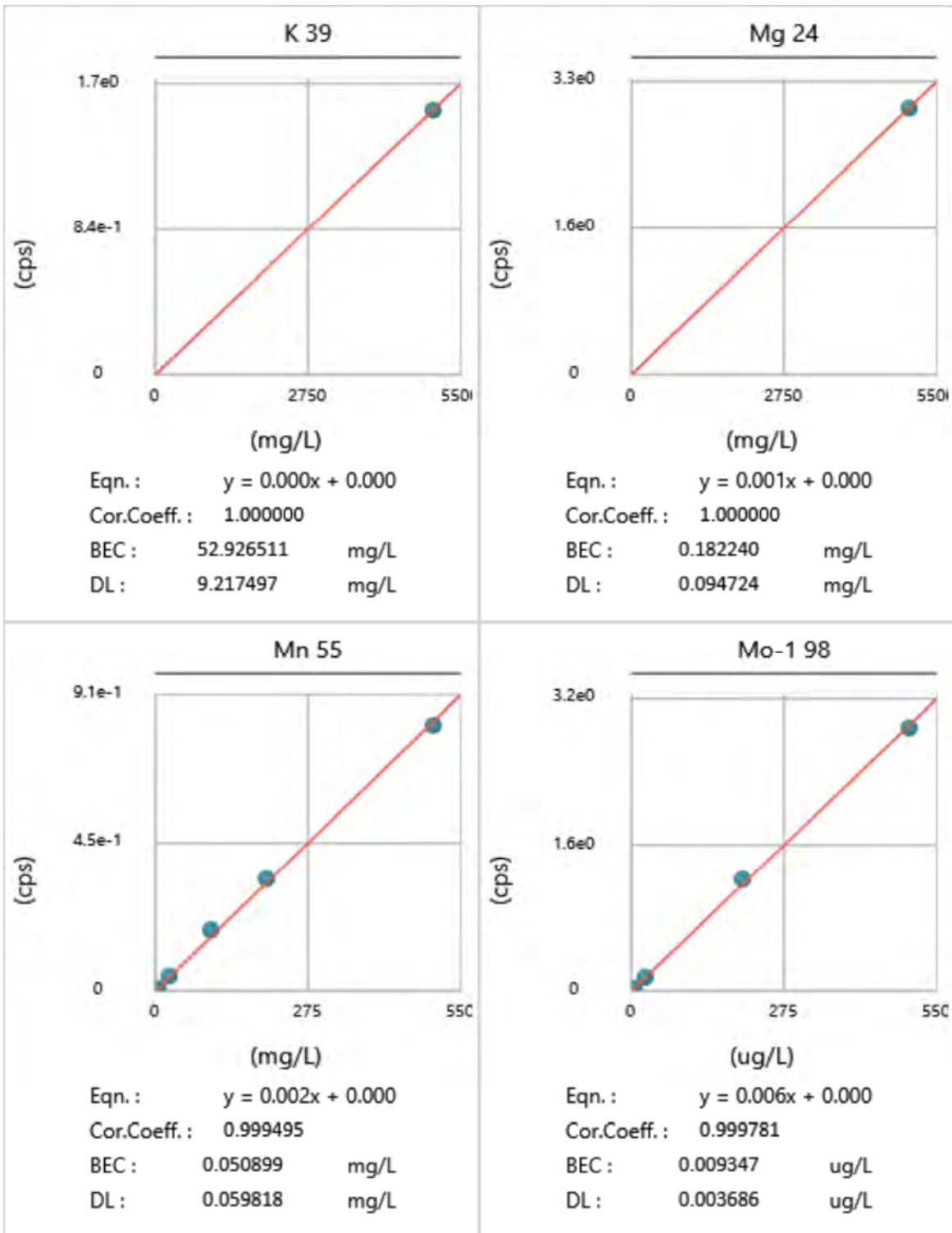


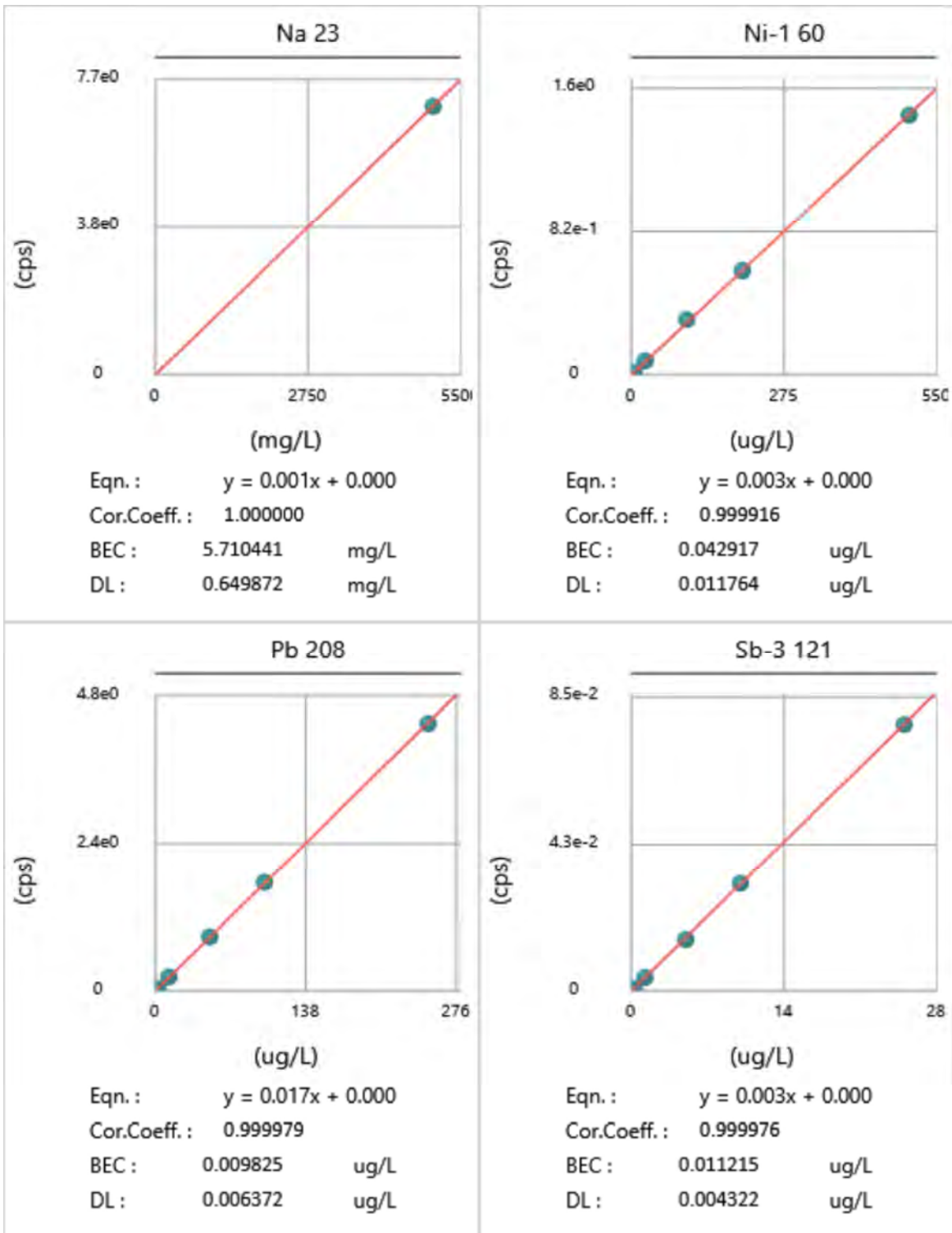


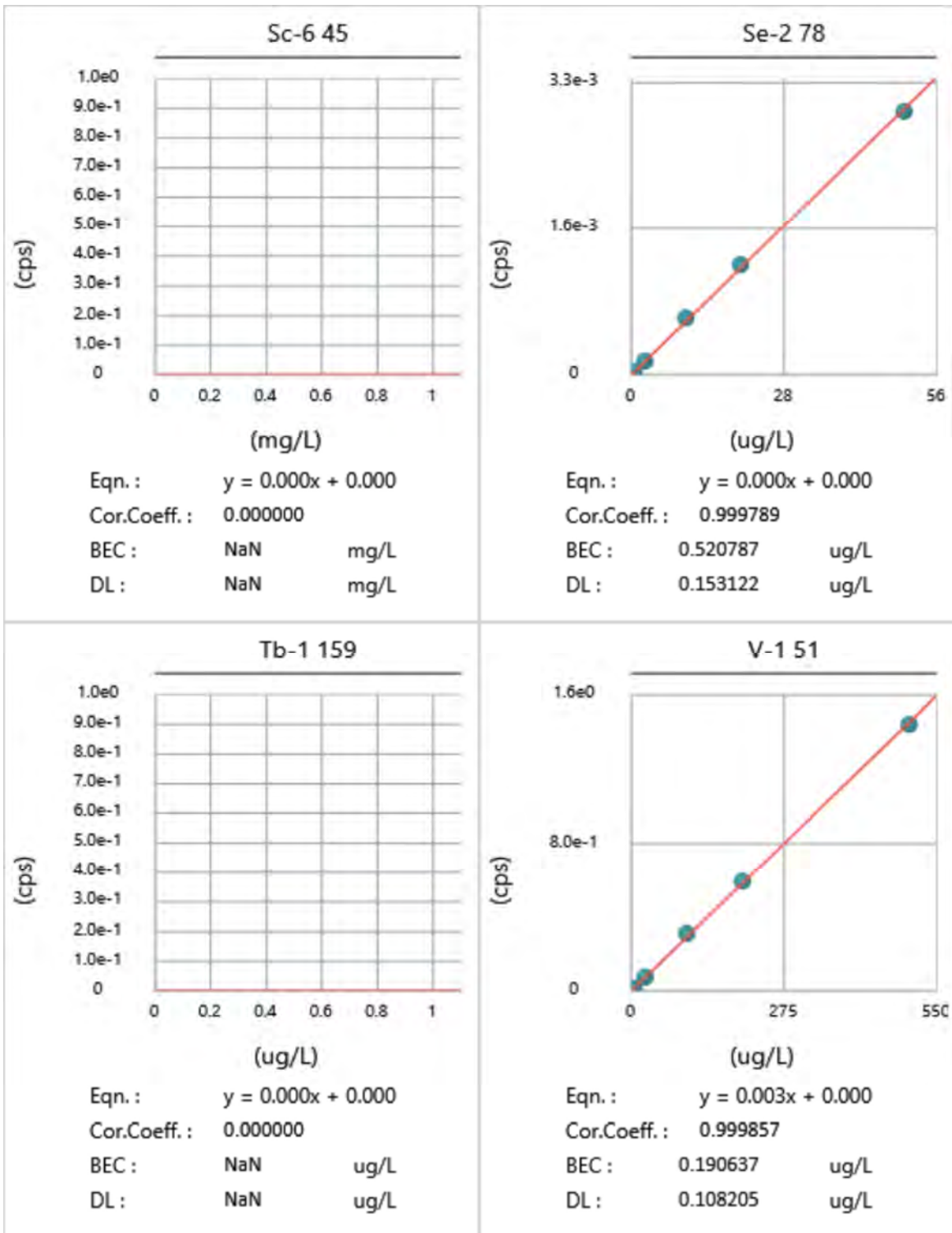


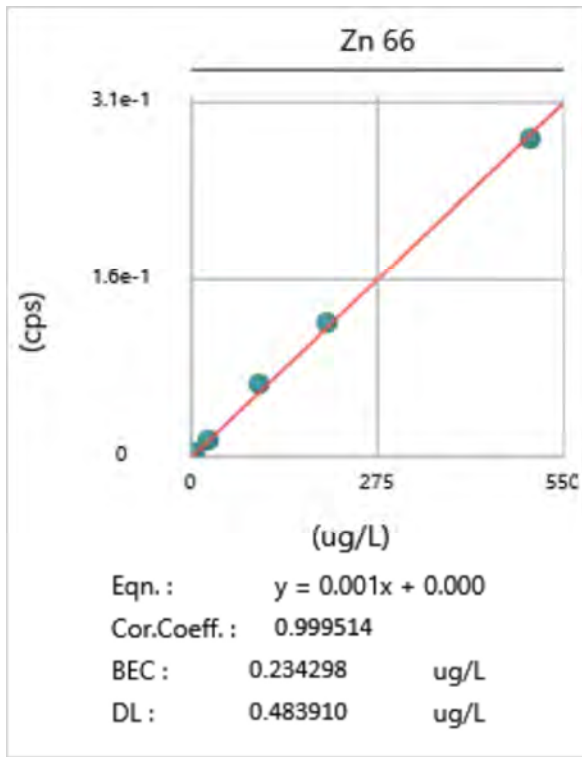














Tunes

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 11/1/2021 8:09:24 AM

End Time: 11/1/2021 8:11:48 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 9091.36

Obtained Intensity (Mg 24): 36346.45

Obtained Intensity (In 115): 57241.46

Obtained Intensity (U 238): 41163.42

Obtained Intensity (Bkgd 220): 0.13

Obtained Formula (CeO 156 / Ce 140): 0.020 (=1439.21 / 70423.29)

Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=786.62 / 70423.29)

Obtained RSD (Be 9): 0.0076

Obtained RSD (Mg 24): 0.0101

Obtained RSD (In 115): 0.0082

Obtained RSD (U 238): 0.0061

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 11/1/2021 8:09:24 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 9091.36
Obtained Intensity (Mg 24): 36346.45
Obtained Intensity (In 115): 57241.46
Obtained Intensity (U 238): 41163.42
Obtained Intensity (Bkgd 220): 0.13
Obtained Formula (CeO 156 / Ce 140): 0.020 (=1439.21 / 70423.29)
Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=786.62 / 70423.29)
Obtained RSD (Be 9): 0.0076
Obtained RSD (Mg 24): 0.0101
Obtained RSD (In 115): 0.0082
Obtained RSD (U 238): 0.0061

[Passed] Optimum value(s): N/A

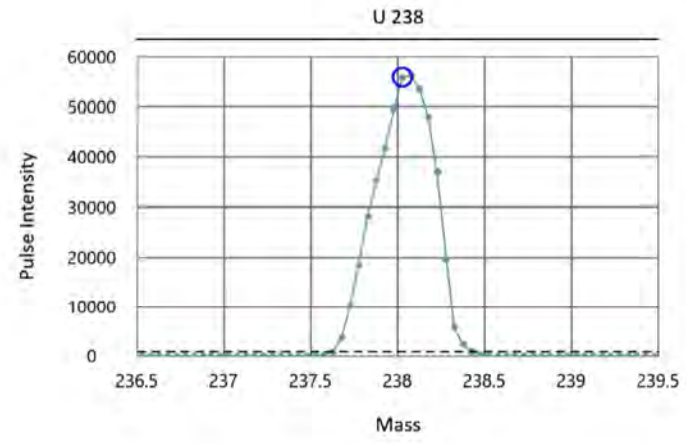
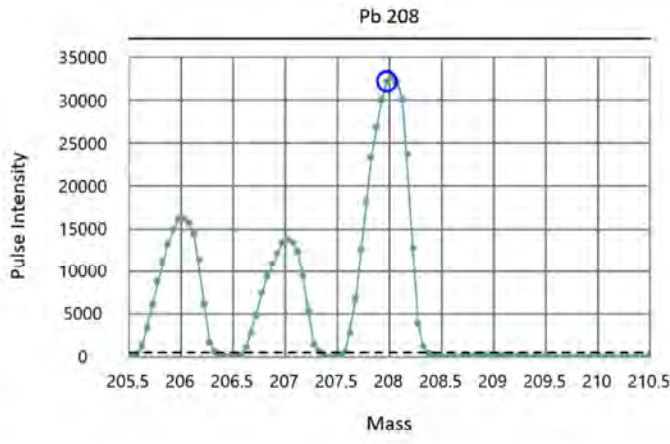
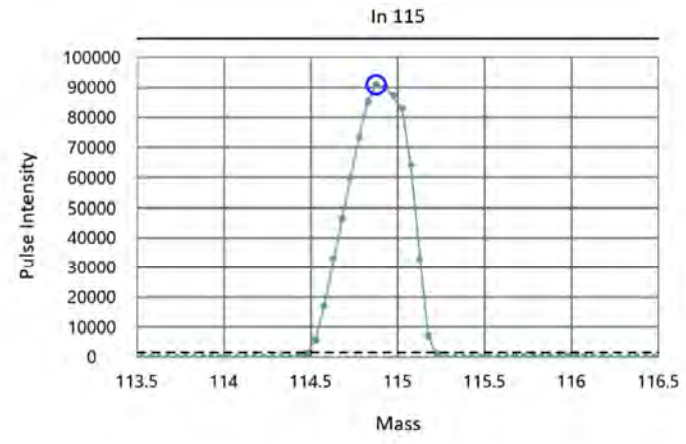
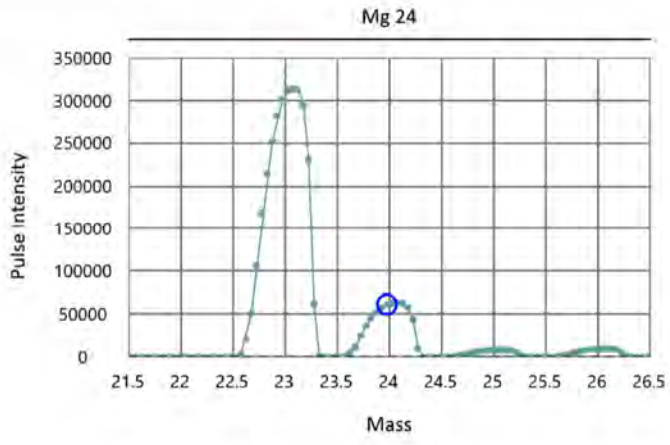
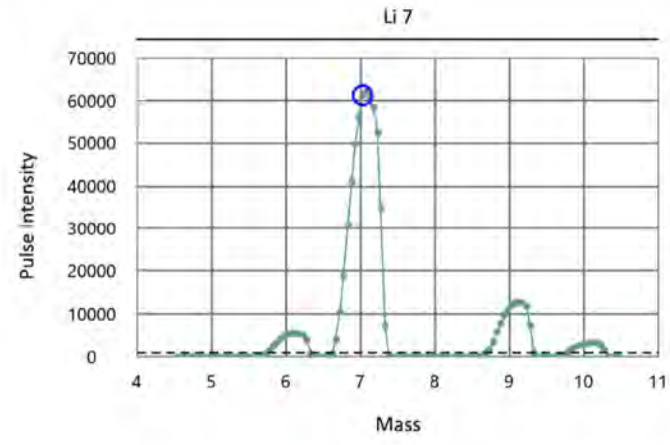
End Time: 11/1/2021 8:11:48 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.694)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.712)
 Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.683)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.721)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.711)

Acq. Date/Time: 11/1/2021 7:52:16 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1324	2022	0.694	
Mg	23.985	23.975	4709	2023	0.712	
In	114.904	114.875	22852	2041	0.683	
Pb	207.977	207.975	41419	2060	0.721	
U	238.05	238.025	47419	2067	0.711	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 11/2/2021 9:29:21 AM

End Time: 11/2/2021 9:31:45 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 12678.02

Obtained Intensity (Mg 24): 45715.37

Obtained Intensity (In 115): 63206.82

Obtained Intensity (U 238): 43477.08

Obtained Intensity (Bkgd 220): 0.20

Obtained Formula (CeO 156 / Ce 140): 0.026 (=1784.58 / 68919.48)

Obtained Formula (Ce++ 70 / Ce 140): 0.016 (=1093.71 / 68919.48)

Obtained RSD (Be 9): 0.0099

Obtained RSD (Mg 24): 0.0104

Obtained RSD (In 115): 0.0180

Obtained RSD (U 238): 0.0182

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 11/2/2021 9:29:21 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 12678.02
Obtained Intensity (Mg 24): 45715.37
Obtained Intensity (In 115): 63206.82
Obtained Intensity (U 238): 43477.08
Obtained Intensity (Bkgd 220): 0.20
Obtained Formula (CeO 156 / Ce 140): 0.026 (=1784.58 / 68919.48)
Obtained Formula (Ce++ 70 / Ce 140): 0.016 (=1093.71 / 68919.48)
Obtained RSD (Be 9): 0.0099
Obtained RSD (Mg 24): 0.0104
Obtained RSD (In 115): 0.0180
Obtained RSD (U 238): 0.0182

[Passed] Optimum value(s): N/A

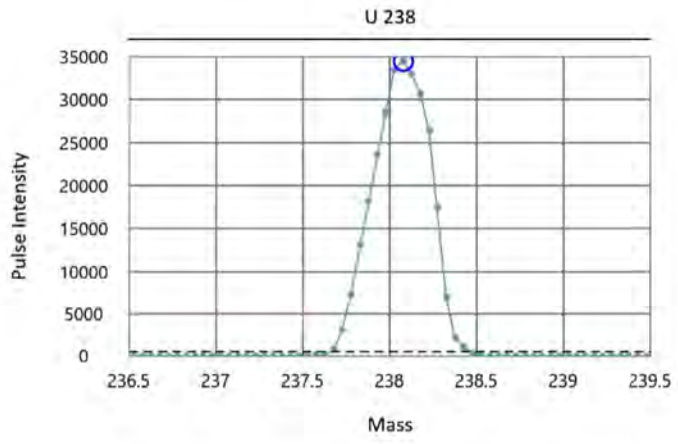
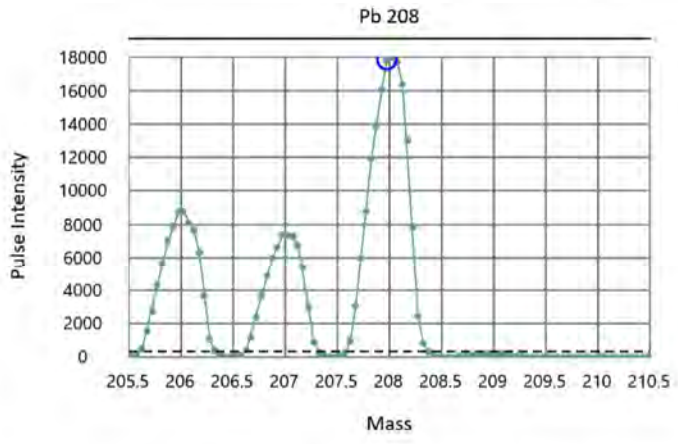
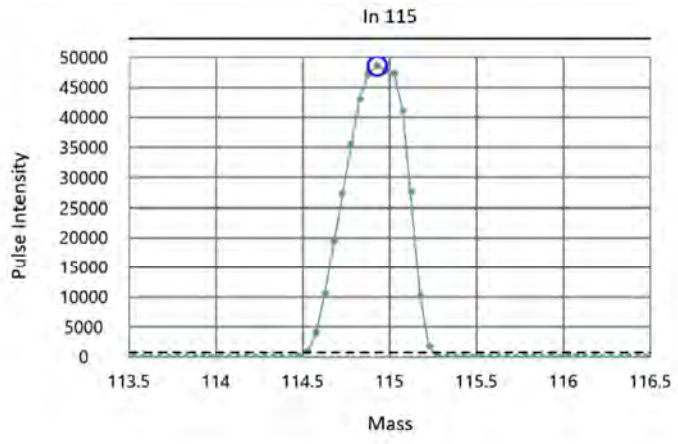
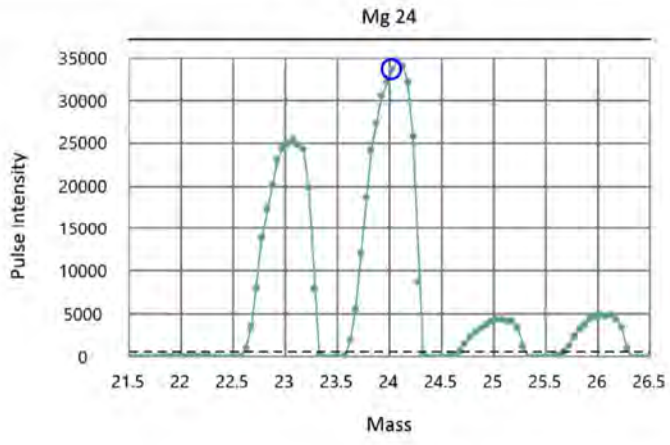
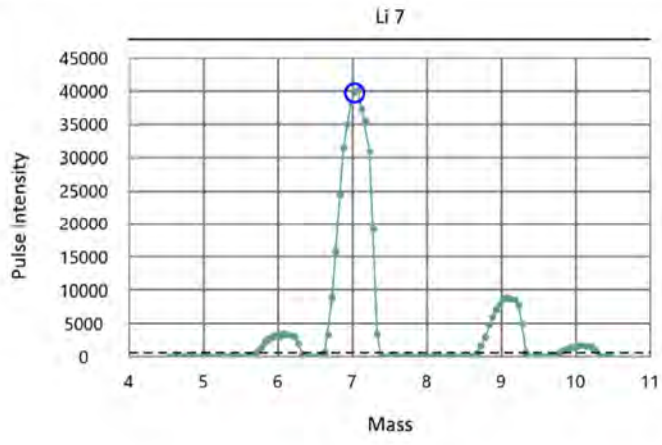
End Time: 11/2/2021 9:31:45 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.697)
 Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.699)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.672)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.704)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.700)

Acq. Date/Time: 11/2/2021 8:57:38 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1325	2022	0.697	
Mg	23.985	24.025	4716	2023	0.699	
In	114.904	114.925	22856	2041	0.672	
Pb	207.977	207.975	41418	2060	0.704	
U	238.05	238.075	47423	2067	0.700	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 11/8/2021 11:40:06 AM

End Time: 11/8/2021 11:42:25 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10137.86

Obtained Intensity (Mg 24): 34076.93

Obtained Intensity (In 115): 60434.18

Obtained Intensity (U 238): 43828.67

Obtained Intensity (Bkgd 220): 0.43

Obtained Formula (CeO 156 / Ce 140): 0.020 (=955.97 / 47113.77)

Obtained Formula (Ce++ 70 / Ce 140): 0.019 (=878.49 / 47113.77)

Obtained RSD (Be 9): 0.0170

Obtained RSD (Mg 24): 0.0103

Obtained RSD (In 115): 0.0121

Obtained RSD (U 238): 0.0071

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 11/8/2021 11:40:06 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10137.86
Obtained Intensity (Mg 24): 34076.93
Obtained Intensity (In 115): 60434.18
Obtained Intensity (U 238): 43828.67
Obtained Intensity (Bkgd 220): 0.43
Obtained Formula (CeO 156 / Ce 140): 0.020 (=955.97 / 47113.77)
Obtained Formula (Ce++ 70 / Ce 140): 0.019 (=878.49 / 47113.77)
Obtained RSD (Be 9): 0.0170
Obtained RSD (Mg 24): 0.0103
Obtained RSD (In 115): 0.0121
Obtained RSD (U 238): 0.0071

[Passed] Optimum value(s): N/A

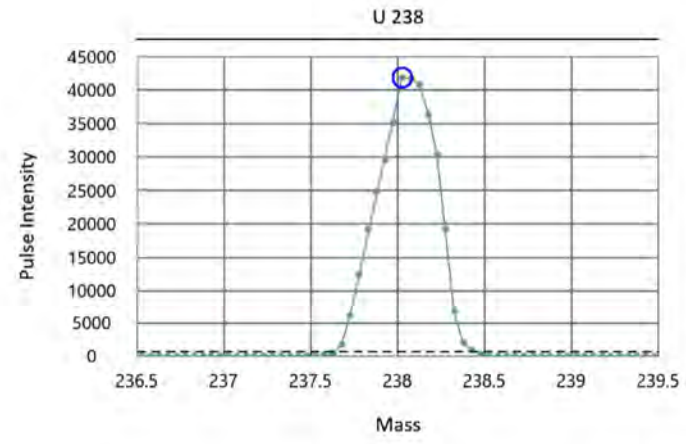
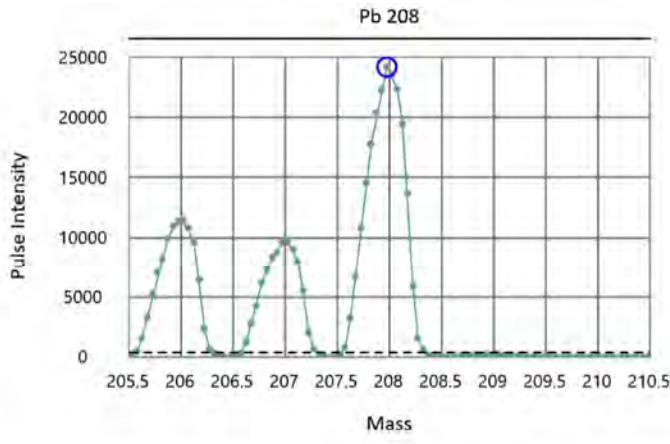
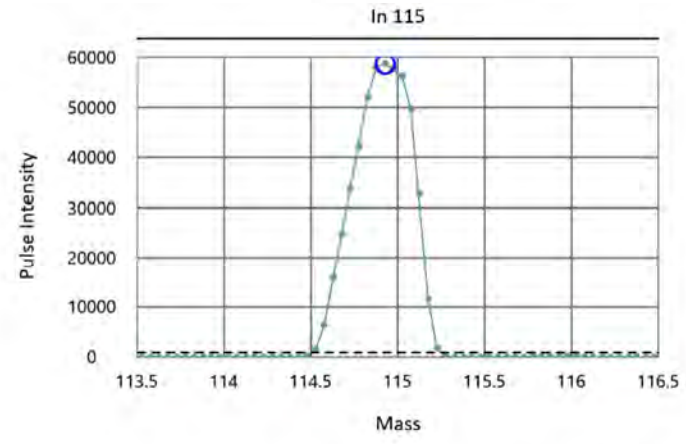
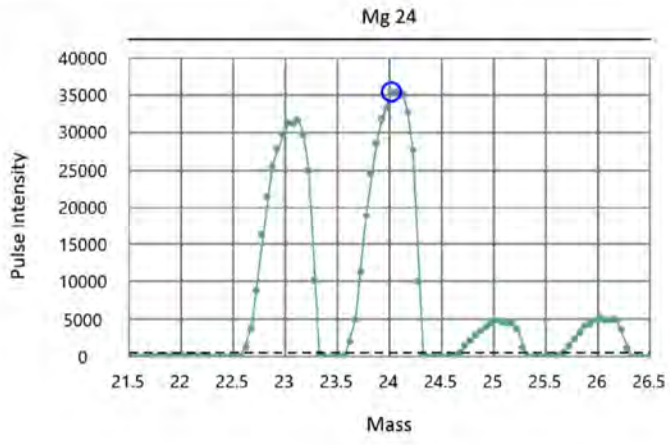
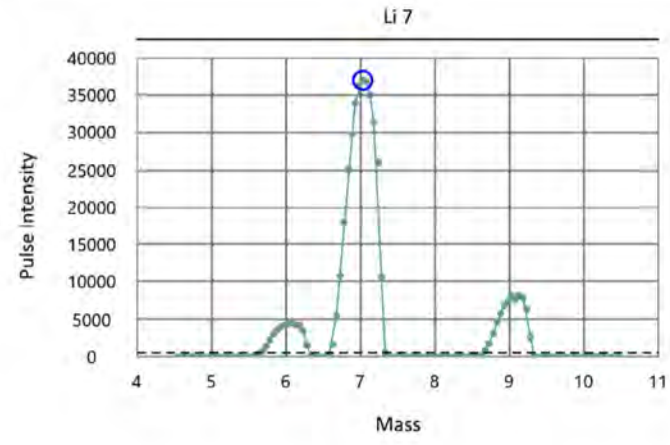
End Time: 11/8/2021 11:42:25 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.692)
 Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.701)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.679)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.711)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.696)

Acq. Date/Time: 11/8/2021 11:04:05 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1330	2022	0.692	
Mg	23.985	24.025	4715	2023	0.701	
In	114.904	114.925	22856	2041	0.679	
Pb	207.977	207.975	41423	2060	0.711	
U	238.05	238.025	47416	2067	0.696	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Full.swz

Start Time: 11/30/2021 8:44:17 AM

End Time: 11/30/2021 8:46:37 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 13511.85

Obtained Intensity (Mg 24): 109425.26

Obtained Intensity (In 115): 86055.58

Obtained Intensity (U 238): 70605.12

Obtained Intensity (Bkgd 220): 0.23

Obtained Formula (CeO 156 / Ce 140): 0.019 (=1419.27 / 75461.65)

Obtained Formula (Ce++ 70 / Ce 140): 0.017 (=1291.39 / 75461.65)

Obtained RSD (Be 9): 0.0073

Obtained RSD (Mg 24): 0.0110

Obtained RSD (In 115): 0.0219

Obtained RSD (U 238): 0.0078

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Full.swz

Optimization Status

Start Time: 11/30/2021 8:44:17 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily PerformanceA.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 13511.85
Obtained Intensity (Mg 24): 109425.26
Obtained Intensity (In 115): 86055.58
Obtained Intensity (U 238): 70605.12
Obtained Intensity (Bkgd 220): 0.23
Obtained Formula (CeO 156 / Ce 140): 0.019 (=1419.27 / 75461.65)
Obtained Formula (Ce++ 70 / Ce 140): 0.017 (=1291.39 / 75461.65)
Obtained RSD (Be 9): 0.0073
Obtained RSD (Mg 24): 0.0110
Obtained RSD (In 115): 0.0219
Obtained RSD (U 238): 0.0078

[Passed] Optimum value(s): N/A

End Time: 11/30/2021 8:46:37 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A

Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.691)

Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.692)

Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.710)

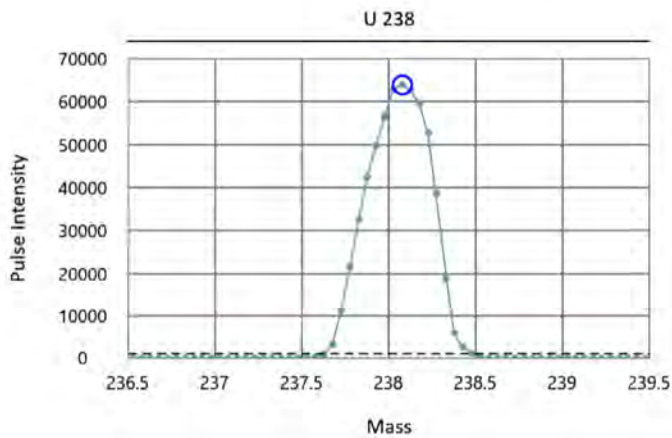
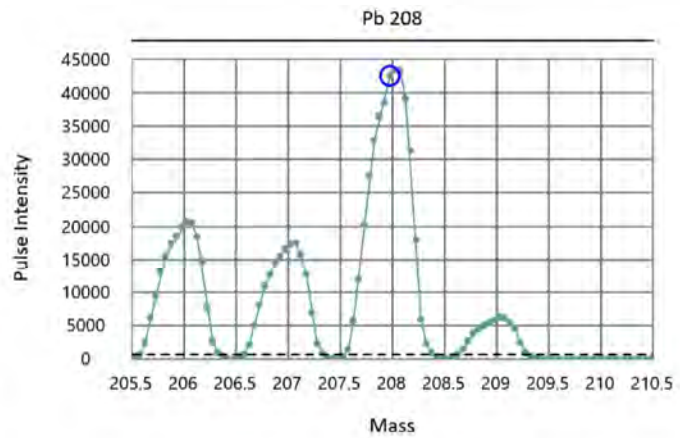
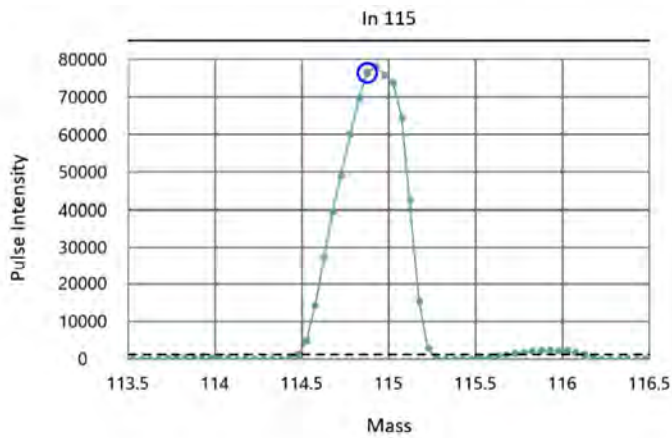
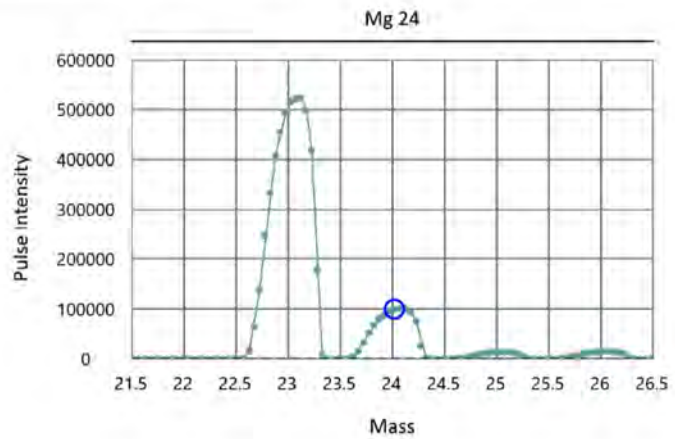
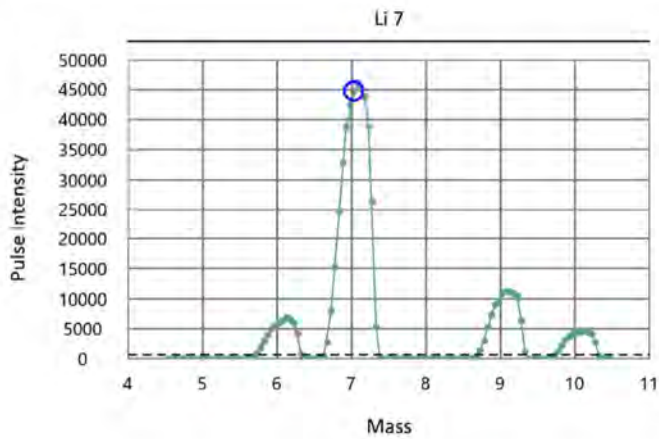
Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.750)

Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.744)

Acq. Date/Time: 11/30/2021 8:34:19 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1325	2022	0.691	
Mg	23.985	24.025	4716	2023	0.692	
In	114.904	114.875	22848	2041	0.710	
Pb	207.977	207.975	41420	2060	0.750	
U	238.05	238.075	47423	2067	0.744	





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Seattle, WA 98103
T: (206) 352-3790
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info@fremontanalytical.com

Shannon & Wilson

Ryan Peterson
400 N. 34th Street, Suite 100
Seattle, WA 98103

RE: 8801- Excavations
Work Order Number: 2111114

November 12, 2021

Attention Ryan Peterson:

Fremont Analytical, Inc. received 6 sample(s) on 11/4/2021 for the analyses presented in the following report.

Gasoline by NWTPH-Gx
Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brianna Barnes".

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Revision v1

www.fremontanalytical.com

CLIENT: Shannon & Wilson
Project: 8801- Excavations
Work Order: 2111114

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2111114-001	A5-SIDE18:2	11/03/2021 11:50 AM	11/04/2021 2:14 PM
2111114-002	A5-SIDE18:2	11/03/2021 11:55 AM	11/04/2021 2:14 PM
2111114-003	A3-BOT40:6.5	11/03/2021 12:10 PM	11/04/2021 2:14 PM
2111114-003	A3-BOT40:6.5	11/03/2021 12:10 PM	11/04/2021 2:14 PM
2111114-004	TRIP-20211103	11/03/2021 12:10 PM	11/04/2021 2:14 PM
2111114-005	A5-SIDE19:2	11/04/2021 12:30 PM	11/04/2021 2:14 PM
2111114-006	A5-SIDE19:6	11/04/2021 12:35 PM	11/04/2021 2:14 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson

Project: 8801- Excavations

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2111114-002A, 003A, 006A) required Acid Cleanup Procedure (Using Method No 3665A).

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2111114-002A, 003A, 006A) required Florisil Cleanup Procedure (Using Method No 3620C).

12/9/2021: Revision 1 includes addition of level 2B data package.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Client: Shannon & Wilson

Collection Date: 11/3/2021 11:50:00 AM

Project: 8801- Excavations

Lab ID: 2111114-001

Matrix: Soil

Client Sample ID: A5-SIDE18:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Total Metals by EPA Method 6020B

Batch ID: 34340

Analyst: TN

Arsenic	4.01	0.509	0.171	D	mg/Kg-dry	5	11/10/21 19:48:01
Cadmium	0.155	0.849	0.0140	DJ	mg/Kg-dry	5	11/09/21 18:24:35
Chromium	10.6	1.70	0.555	D	mg/Kg-dry	5	11/10/21 19:48:01
Lead	17.2	0.849	0.177	D	mg/Kg-dry	5	11/09/21 18:24:35

Sample Moisture (Percent Moisture)

Batch ID: R71081

Analyst: MCH

Percent Moisture	9.38	0.500	0.100		wt%	1	11/08/21 9:44:46
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Client: Shannon & Wilson
Project: 8801- Excavations
Lab ID: 2111114-002
Client Sample ID: A5-SIDE18:2

Collection Date: 11/3/2021 11:55:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34329 Analyst: SB

Aroclor 1016	ND	0.0564	0.00909		mg/Kg-dry	1	11/05/21 19:42:31
Aroclor 1221	ND	0.0564	0.00909		mg/Kg-dry	1	11/05/21 19:42:31
Aroclor 1232	ND	0.0564	0.00909		mg/Kg-dry	1	11/05/21 19:42:31
Aroclor 1242	ND	0.0564	0.00909		mg/Kg-dry	1	11/05/21 19:42:31
Aroclor 1248	ND	0.0564	0.0112		mg/Kg-dry	1	11/05/21 19:42:31
Aroclor 1254	ND	0.0564	0.0112		mg/Kg-dry	1	11/05/21 19:42:31
Aroclor 1260	ND	0.0564	0.0112		mg/Kg-dry	1	11/05/21 19:42:31
Aroclor 1262	ND	0.0564	0.0112		mg/Kg-dry	1	11/05/21 19:42:31
Aroclor 1268	ND	0.0564	0.0112		mg/Kg-dry	1	11/05/21 19:42:31
Total PCBs	ND	0.0564	0.0112		mg/Kg-dry	1	11/05/21 19:42:31
Surr: Decachlorobiphenyl	57.5	20.6 - 142			%Rec	1	11/05/21 19:42:31
Surr: Tetrachloro-m-xylene	113	22 - 157			%Rec	1	11/05/21 19:42:31

Total Metals by EPA Method 6020B

Batch ID: 34340 Analyst: TN

Arsenic	8.17	0.550	0.184	D	mg/Kg-dry	5	11/10/21 19:53:34
Lead	54.5	0.917	0.191	D	mg/Kg-dry	5	11/09/21 18:26:55

Sample Moisture (Percent Moisture)

Batch ID: R71081 Analyst: MCH

Percent Moisture	12.1	0.500	0.100		wt%	1	11/08/21 9:44:46
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Client: Shannon & Wilson
Project: 8801- Excavations
Lab ID: 2111114-003
Client Sample ID: A3-BOT40:6.5

Collection Date: 11/3/2021 12:10:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34329		Analyst: SB	
Aroclor 1016	ND	0.0625	0.0101		mg/Kg-dry	1	11/05/21 19:52:16
Aroclor 1221	ND	0.0625	0.0101		mg/Kg-dry	1	11/05/21 19:52:16
Aroclor 1232	ND	0.0625	0.0101		mg/Kg-dry	1	11/05/21 19:52:16
Aroclor 1242	ND	0.0625	0.0101		mg/Kg-dry	1	11/05/21 19:52:16
Aroclor 1248	ND	0.0625	0.0124		mg/Kg-dry	1	11/05/21 19:52:16
Aroclor 1254	ND	0.0625	0.0124		mg/Kg-dry	1	11/05/21 19:52:16
Aroclor 1260	ND	0.0625	0.0124		mg/Kg-dry	1	11/05/21 19:52:16
Aroclor 1262	ND	0.0625	0.0124		mg/Kg-dry	1	11/05/21 19:52:16
Aroclor 1268	ND	0.0625	0.0124		mg/Kg-dry	1	11/05/21 19:52:16
Total PCBs	ND	0.0625	0.0124		mg/Kg-dry	1	11/05/21 19:52:16
Surr: Decachlorobiphenyl	55.0	20.6 - 142			%Rec	1	11/05/21 19:52:16
Surr: Tetrachloro-m-xylene	110	22 - 157			%Rec	1	11/05/21 19:52:16
<u>Gasoline by NWTPH-Gx</u>				Batch ID: 34336		Analyst: CR	
Gasoline	ND	6.95	2.78		mg/Kg-dry	1	11/06/21 3:00:33
Surr: Toluene-d8	96.7	65 - 135			%Rec	1	11/06/21 3:00:33
Surr: 4-Bromofluorobenzene	102	65 - 135			%Rec	1	11/06/21 3:00:33
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34340		Analyst: TN	
Copper	133	5.26	0.985	D	mg/Kg-dry	5	11/09/21 18:33:55
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71081		Analyst: MCH	
Percent Moisture	25.2	0.500	0.100		wt%	1	11/08/21 9:44:46



Client: Shannon & Wilson
Project: 8801- Excavations
Lab ID: 2111114-004
Client Sample ID: TRIP-20211103

Collection Date: 11/3/2021 12:10:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Gasoline by NWTPH-Gx</u>			Batch ID: 34336		Analyst: CR		
Gasoline	ND	5.00	2.00		mg/Kg	1	11/05/21 20:48:31
Surr: Toluene-d8	99.6	65 - 135			%Rec	1	11/05/21 20:48:31
Surr: 4-Bromofluorobenzene	104	65 - 135			%Rec	1	11/05/21 20:48:31

Client: Shannon & Wilson
Project: 8801- Excavations
Lab ID: 2111114-005
Client Sample ID: A5-SIDE19:2

Collection Date: 11/4/2021 12:30:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Total Metals by EPA Method 6020B</u>			Batch ID: 34340		Analyst: TN		
Arsenic	4.95	0.490	0.164	D	mg/Kg-dry	5	11/09/21 18:36:14
Cadmium	0.197	0.816	0.0135	DJ	mg/Kg-dry	5	11/09/21 18:36:14
Chromium	21.0	1.63	0.533	D	mg/Kg-dry	5	11/10/21 20:15:52
Lead	1.82	0.816	0.170	D	mg/Kg-dry	5	11/09/21 18:36:14

<u>Sample Moisture (Percent Moisture)</u>			Batch ID: R71081		Analyst: MCH		
Percent Moisture	5.01	0.500	0.100		wt%	1	11/08/21 9:44:46



Client: Shannon & Wilson
Project: 8801- Excavations
Lab ID: 2111114-006
Client Sample ID: A5-SIDE19:6

Collection Date: 11/4/2021 12:35:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34329 Analyst: SB

Aroclor 1016	ND	0.0534	0.00861		mg/Kg-dry	1	11/05/21 20:01:58
Aroclor 1221	ND	0.0534	0.00861		mg/Kg-dry	1	11/05/21 20:01:58
Aroclor 1232	ND	0.0534	0.00861		mg/Kg-dry	1	11/05/21 20:01:58
Aroclor 1242	ND	0.0534	0.00861		mg/Kg-dry	1	11/05/21 20:01:58
Aroclor 1248	ND	0.0534	0.0106		mg/Kg-dry	1	11/05/21 20:01:58
Aroclor 1254	0.362	0.0534	0.0106		mg/Kg-dry	1	11/05/21 20:01:58
Aroclor 1260	ND	0.0534	0.0106		mg/Kg-dry	1	11/05/21 20:01:58
Aroclor 1262	ND	0.0534	0.0106		mg/Kg-dry	1	11/05/21 20:01:58
Aroclor 1268	ND	0.0534	0.0106		mg/Kg-dry	1	11/05/21 20:01:58
Total PCBs	0.362	0.0534	0.0106		mg/Kg-dry	1	11/05/21 20:01:58
Surr: Decachlorobiphenyl	59.8	20.6 - 142			%Rec	1	11/05/21 20:01:58
Surr: Tetrachloro-m-xylene	112	22 - 157			%Rec	1	11/05/21 20:01:58

Total Metals by EPA Method 6020B

Batch ID: 34340 Analyst: TN

Arsenic	11.5	0.576	0.193	D	mg/Kg-dry	5	11/09/21 18:38:33
Lead	3,470	0.960	0.200	DE	mg/Kg-dry	5	11/09/21 18:38:33

Sample Moisture (Percent Moisture)

Batch ID: R71081 Analyst: MCH

Percent Moisture	19.9	0.500	0.100		wt%	1	11/08/21 9:44:46
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Work Order: 2111114
CLIENT: Shannon & Wilson
Project: 8801- Excavations

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34340	SampType: ICB	Units: µg/L	Prep Date: 11/9/2021	RunNo: 71116							
Client ID: ICB	Batch ID: 34340		Analysis Date: 11/9/2021	SeqNo: 1448263							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.20									
Cadmium	ND	2.00									
Chromium	ND	4.00									
Copper	ND	10.0									
Lead	ND	2.00									

Sample ID: ICV-34340	SampType: ICV	Units: µg/L	Prep Date: 11/9/2021	RunNo: 71116							
Client ID: ICV	Batch ID: 34340		Analysis Date: 11/9/2021	SeqNo: 1448264							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	102	1.20	100.0	0	102	90	110				
Cadmium	4.85	2.00	5.000	0	97.0	90	110				
Chromium	102	4.00	100.0	0	102	90	110				
Copper	100	10.0	100.0	0	100	90	110				
Lead	46.5	2.00	50.00	0	93.1	90	110				

Sample ID: CCV-34340A	SampType: CCV	Units: µg/L	Prep Date: 11/9/2021	RunNo: 71116							
Client ID: CCV	Batch ID: 34340		Analysis Date: 11/9/2021	SeqNo: 1448267							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	109	1.20	100.0	0	109	90	110				
Cadmium	5.42	2.00	5.000	0	108	90	110				
Chromium	112	4.00	100.0	0	112	90	110				S
Copper	111	10.0	100.0	0	111	90	110				S
Lead	51.5	2.00	50.00	0	103	90	110				

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Work Order: 2111114
 CLIENT: Shannon & Wilson
 Project: 8801- Excavations

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34340A	SampType: CCB	Units: µg/L			Prep Date: 11/9/2021	RunNo: 71116					
Client ID: CCB	Batch ID: 34340				Analysis Date: 11/9/2021	SeqNo: 1448268					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.20									
Cadmium	ND	2.00									
Chromium	ND	4.00									
Copper	ND	10.0									
Lead	ND	2.00									

Sample ID: MB-34340	SampType: MBLK	Units: mg/Kg			Prep Date: 11/8/2021	RunNo: 71116					
Client ID: MBLKS	Batch ID: 34340				Analysis Date: 11/9/2021	SeqNo: 1448269					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.0923									
Cadmium	ND	0.154									
Chromium	ND	0.308									
Copper	ND	0.769									
Lead	ND	0.154									

Sample ID: LCS-34340	SampType: LCS	Units: mg/Kg			Prep Date: 11/8/2021	RunNo: 71116					
Client ID: LCSS	Batch ID: 34340				Analysis Date: 11/9/2021	SeqNo: 1448270					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	40.2	0.0902	37.59	0	107	80	120				
Cadmium	2.00	0.150	1.880	0	107	80	120				
Chromium	43.1	0.301	37.59	0	115	80	120				
Copper	43.7	0.752	37.59	0	116	80	120				
Lead	20.4	0.150	18.80	0	109	80	120				

Work Order: 2111114
CLIENT: Shannon & Wilson
Project: 8801- Excavations

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34340B	SampType: CCV	Units: µg/L				Prep Date: 11/9/2021	RunNo: 71116				
Client ID: CCV	Batch ID: 34340					Analysis Date: 11/9/2021	SeqNo: 1448271				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	107	1.20	100.0	0	107	90	110				
Cadmium	5.37	2.00	5.000	0	107	90	110				
Chromium	108	4.00	100.0	0	108	90	110				
Copper	108	10.0	100.0	0	108	90	110				
Lead	51.9	2.00	50.00	0	104	90	110				

Sample ID: CCB-34340B	SampType: CCB	Units: µg/L				Prep Date: 11/9/2021	RunNo: 71116				
Client ID: CCB	Batch ID: 34340					Analysis Date: 11/9/2021	SeqNo: 1448272				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.20									
Cadmium	ND	2.00									
Chromium	ND	4.00									
Copper	ND	10.0									
Lead	ND	2.00									

Sample ID: 2111024-001AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 11/8/2021	RunNo: 71116				
Client ID: BATCH	Batch ID: 34340					Analysis Date: 11/9/2021	SeqNo: 1448275				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.7	0.102	42.31	4.325	107	75	125				
Cadmium	2.24	0.169	2.115	0.06460	103	75	125				
Chromium	75.9	0.338	42.31	21.52	129	75	125				S
Copper	78.3	0.846	42.31	25.89	124	75	125				
Lead	24.2	0.169	21.15	3.030	100	75	125				

NOTES:

S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Work Order: 2111114
 CLIENT: Shannon & Wilson
 Project: 8801- Excavations

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2111024-001AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 11/8/2021	RunNo: 71116							
Client ID: BATCH	Batch ID: 34340		Analysis Date: 11/9/2021	SeqNo: 1448276							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	49.6	0.102	42.31	4.325	107	75	125	49.69	0.141	20	
Cadmium	2.20	0.169	2.115	0.06460	101	75	125	2.240	1.85	20	
Chromium	72.7	0.338	42.31	21.52	121	75	125	75.94	4.36	20	
Copper	74.4	0.846	42.31	25.89	115	75	125	78.26	5.09	20	
Lead	24.3	0.169	21.15	3.030	101	75	125	24.17	0.701	20	

Sample ID: CCV-34340C	SampType: CCV	Units: µg/L	Prep Date: 11/9/2021	RunNo: 71116							
Client ID: CCV	Batch ID: 34340		Analysis Date: 11/9/2021	SeqNo: 1448283							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	111	1.20	100.0	0	111	90	110				S
Cadmium	5.24	2.00	5.000	0	105	90	110				
Chromium	113	4.00	100.0	0	113	90	110				S
Copper	106	10.0	100.0	0	106	90	110				
Lead	54.0	2.00	50.00	0	108	90	110				

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: CCB-34340C	SampType: CCB	Units: µg/L	Prep Date: 11/9/2021	RunNo: 71116							
Client ID: CCB	Batch ID: 34340		Analysis Date: 11/9/2021	SeqNo: 1448284							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.20									
Cadmium	ND	2.00									
Chromium	ND	4.00									
Copper	ND	10.0									
Lead	ND	2.00									

Work Order: 2111114
 CLIENT: Shannon & Wilson
 Project: 8801- Excavations

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34340D	SampType: CCV	Units: µg/L			Prep Date: 11/9/2021	RunNo: 71116					
Client ID: CCV	Batch ID: 34340				Analysis Date: 11/9/2021	SeqNo: 1448295					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	109	1.20	100.0	0	109	90	110				
Cadmium	5.21	2.00	5.000	0	104	90	110				
Chromium	113	4.00	100.0	0	113	90	110				S
Copper	110	10.0	100.0	0	110	90	110				
Lead	51.1	2.00	50.00	0	102	90	110				

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: CCB-34340D	SampType: CCB	Units: µg/L			Prep Date: 11/9/2021	RunNo: 71116					
Client ID: CCB	Batch ID: 34340				Analysis Date: 11/9/2021	SeqNo: 1448296					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.20									
Cadmium	ND	2.00									
Chromium	ND	4.00									
Copper	ND	10.0									
Lead	ND	2.00									

Sample ID: CCV-34340E	SampType: CCV	Units: µg/L			Prep Date: 11/9/2021	RunNo: 71116					
Client ID: CCV	Batch ID: 34340				Analysis Date: 11/9/2021	SeqNo: 1448301					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	107	1.20	100.0	0	107	90	110				
Cadmium	5.08	2.00	5.000	0	102	90	110				
Chromium	106	4.00	100.0	0	106	90	110				
Copper	104	10.0	100.0	0	104	90	110				
Lead	52.9	2.00	50.00	0	106	90	110				

Work Order: 2111114
 CLIENT: Shannon & Wilson
 Project: 8801- Excavations

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34340E	SampType: CCB	Units: µg/L			Prep Date: 11/9/2021	RunNo: 71116					
Client ID: CCB	Batch ID: 34340				Analysis Date: 11/9/2021	SeqNo: 1448302					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	1.20									
Cadmium	ND	2.00									
Chromium	ND	4.00									
Copper	ND	10.0									
Lead	ND	2.00									

Sample ID: CCV-34340F	SampType: CCV	Units: µg/L			Prep Date: 11/10/2021	RunNo: 71116					
Client ID: CCV	Batch ID: 34340				Analysis Date: 11/10/2021	SeqNo: 1449977					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	95.6	0.120	100.0	0	95.6	90	110				
Cadmium	4.86	0.200	5.000	0	97.2	90	110				
Chromium	88.6	0.400	100.0	0	88.6	90	110				S
Copper	87.8	1.00	100.0	0	87.8	90	110				S
Lead	44.1	0.200	50.00	0	88.2	90	110				S

Sample ID: CCB-34340F	SampType: CCB	Units: µg/L			Prep Date: 11/10/2021	RunNo: 71116					
Client ID: CCB	Batch ID: 34340				Analysis Date: 11/10/2021	SeqNo: 1449978					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.120									
Cadmium	ND	0.200									
Chromium	ND	0.400									
Copper	ND	1.00									
Lead	ND	0.200									

Work Order: 2111114
 CLIENT: Shannon & Wilson
 Project: 8801- Excavations

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34340G	SampType: CCV	Units: µg/L				Prep Date: 11/10/2021	RunNo: 71116				
Client ID: CCV	Batch ID: 34340					Analysis Date: 11/10/2021	SeqNo: 1449985				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	106	0.120	100.0	0	106	90	110				
Cadmium	5.06	0.200	5.000	0	101	90	110				
Chromium	100	0.400	100.0	0	100	90	110				
Copper	99.7	1.00	100.0	0	99.7	90	110				
Lead	48.2	0.200	50.00	0	96.3	90	110				

Sample ID: CCB-34340G	SampType: CCB	Units: µg/L				Prep Date: 11/10/2021	RunNo: 71116				
Client ID: CCB	Batch ID: 34340					Analysis Date: 11/10/2021	SeqNo: 1449986				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.120									
Cadmium	ND	0.200									
Chromium	ND	0.400									
Lead	ND	0.200									

Sample ID: CCV-34340H	SampType: CCV	Units: µg/L				Prep Date: 11/10/2021	RunNo: 71116				
Client ID: CCV	Batch ID: 34340					Analysis Date: 11/10/2021	SeqNo: 1449997				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	99.3	0.120	100.0	0	99.3	90	110				
Cadmium	4.89	0.200	5.000	0	97.8	90	110				
Chromium	96.5	0.400	100.0	0	96.5	90	110				
Copper	94.1	1.00	100.0	0	94.1	90	110				
Lead	44.5	0.200	50.00	0	88.9	90	110				S

NOTES:

S - Outlying spike recovery observed (high bias for Zinc and low bias for lead).

Work Order: 2111114
 CLIENT: Shannon & Wilson
 Project: 8801- Excavations

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34340H	SampType: CCB	Units: µg/L	Prep Date: 11/10/2021	RunNo: 71116							
Client ID: CCB	Batch ID: 34340		Analysis Date: 11/10/2021	SeqNo: 1449998							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.120									
Cadmium	ND	0.200									
Chromium	ND	0.400									
Copper	ND	1.00									
Lead	ND	0.200									

Sample ID: CCV-34340I	SampType: CCV	Units: µg/L	Prep Date: 11/10/2021	RunNo: 71116							
Client ID: CCV	Batch ID: 34340		Analysis Date: 11/10/2021	SeqNo: 1450002							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	105	0.120	100.0	0	105	90	110				
Cadmium	5.15	0.200	5.000	0	103	90	110				
Chromium	99.9	0.400	100.0	0	99.9	90	110				
Copper	97.3	1.00	100.0	0	97.3	90	110				
Lead	45.4	0.200	50.00	0	90.8	90	110				

Sample ID: CCB-34340I	SampType: CCB	Units: µg/L	Prep Date: 11/10/2021	RunNo: 71116							
Client ID: CCB	Batch ID: 34340		Analysis Date: 11/10/2021	SeqNo: 1450003							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.120									
Cadmium	ND	0.200									
Chromium	ND	0.400									
Copper	ND	1.00									
Lead	ND	0.200									

Work Order: 2111114
CLIENT: Shannon & Wilson
Project: 8801- Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660 ICB	SampType: ICB	Units: mg/Kg	Prep Date: 9/30/2021	RunNo: 70254							
Client ID: ICB	Batch ID: 34329		Analysis Date: 9/30/2021	SeqNo: 1425542							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1260	ND	0.0500									
Surr: Decachlorobiphenyl	216		200.0		108	50.2	159				
Surr: Tetrachloro-m-xylene	188		200.0		94.0	60.3	134				

Sample ID: 1660 ICV	SampType: ICV	Units: mg/Kg	Prep Date: 9/30/2021	RunNo: 70254							
Client ID: ICV	Batch ID: 34329		Analysis Date: 9/30/2021	SeqNo: 1425544							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.845	0.0500	1.000	0	84.5	80	120				
Aroclor 1260	0.810	0.0500	1.000	0	81.0	80	120				
Surr: Decachlorobiphenyl	162		200.0		81.0	30.2	155				
Surr: Tetrachloro-m-xylene	160		200.0		79.9	58.8	143				

Sample ID: 1254 ICB	SampType: ICB	Units: mg/Kg	Prep Date: 9/30/2021	RunNo: 70254							
Client ID: ICB	Batch ID: 34329		Analysis Date: 9/30/2021	SeqNo: 1425552							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	ND	0.0500									
Surr: Decachlorobiphenyl	219		200.0		110	50.2	159				
Surr: Tetrachloro-m-xylene	214		200.0		107	60.3	134				

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg	Prep Date: 9/30/2021	RunNo: 70254							
Client ID: ICV	Batch ID: 34329		Analysis Date: 9/30/2021	SeqNo: 1425553							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	204		200.0		102	30.2	155				
Surr: Tetrachloro-m-xylene	203		200.0		101	58.8	143				

Work Order: 2111114
 CLIENT: Shannon & Wilson
 Project: 8801- Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg	Prep Date: 9/30/2021	RunNo: 70254							
Client ID: ICV	Batch ID: 34329		Analysis Date: 9/30/2021	SeqNo: 1425553							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1254-CCV-34329A	SampType: CCV	Units: mg/Kg	Prep Date: 11/5/2021	RunNo: 71083							
Client ID: CCV	Batch ID: 34329		Analysis Date: 11/5/2021	SeqNo: 1446710							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.820	0.0500	1.000	0	82.0	80	120				
Surr: Decachlorobiphenyl	177		200.0		88.4	30.2	155				
Surr: Tetrachloro-m-xylene	189		200.0		94.5	58.8	143				

Sample ID: 1660-CCV-34329A	SampType: CCV	Units: mg/Kg	Prep Date: 11/5/2021	RunNo: 71083							
Client ID: CCV	Batch ID: 34329		Analysis Date: 11/5/2021	SeqNo: 1446711							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.17	0.0500	1.000	0	117	80	120				
Aroclor 1260	1.17	0.0500	1.000	0	117	80	120				
Surr: Decachlorobiphenyl	220		200.0		110	30.2	155				
Surr: Tetrachloro-m-xylene	229		200.0		114	58.8	143				

Sample ID: MB-34329	SampType: MBLK	Units: mg/Kg	Prep Date: 11/5/2021	RunNo: 71083							
Client ID: MBLKS	Batch ID: 34329		Analysis Date: 11/5/2021	SeqNo: 1446712							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									

Work Order: 2111114
CLIENT: Shannon & Wilson
Project: 8801- Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34329	SampType: MBLK	Units: mg/Kg	Prep Date: 11/5/2021	RunNo: 71083							
Client ID: MBLKS	Batch ID: 34329		Analysis Date: 11/5/2021	SeqNo: 1446712							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	199		200.0		99.4	20.6	142				
Surr: Tetrachloro-m-xylene	188		200.0		93.8	22	157				

Sample ID: LCS1-34329	SampType: LCS	Units: mg/Kg	Prep Date: 11/5/2021	RunNo: 71083							
Client ID: LCSS	Batch ID: 34329		Analysis Date: 11/5/2021	SeqNo: 1446713							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.810	0.0500	1.000	0	81.0	52.2	136				
Aroclor 1260	0.789	0.0500	1.000	0	78.9	50.5	150				
Surr: Decachlorobiphenyl	210		200.0		105	20.6	142				
Surr: Tetrachloro-m-xylene	202		200.0		101	22	157				

Sample ID: LCS2-34329	SampType: LCS	Units: mg/Kg	Prep Date: 11/5/2021	RunNo: 71083							
Client ID: LCSS	Batch ID: 34329		Analysis Date: 11/5/2021	SeqNo: 1446714							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.759	0.0500	1.000	0	75.9	48.1	147				
Surr: Decachlorobiphenyl	204		200.0		102	20.6	142				
Surr: Tetrachloro-m-xylene	201		200.0		101	22	157				

Sample ID: 2111035-001AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/5/2021	RunNo: 71083							
Client ID: BATCH	Batch ID: 34329		Analysis Date: 11/5/2021	SeqNo: 1446716							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.850	0.0551	1.102	0	77.1	38.6	146				
Aroclor 1260	0.803	0.0551	1.102	0	72.9	24.6	161				

Work Order: 2111114
CLIENT: Shannon & Wilson
Project: 8801- Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2111035-001AMS	SampType: MS	Units: mg/Kg-dry			Prep Date: 11/5/2021	RunNo: 71083					
Client ID: BATCH	Batch ID: 34329				Analysis Date: 11/5/2021	SeqNo: 1446716					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	128		220.4		57.9	20.6	142				
Surr: Tetrachloro-m-xylene	161		220.4		73.2	22	157				

Sample ID: 2111035-001AMSD	SampType: MSD	Units: mg/Kg-dry			Prep Date: 11/5/2021	RunNo: 71083					
Client ID: BATCH	Batch ID: 34329				Analysis Date: 11/5/2021	SeqNo: 1446717					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.833	0.0552	1.105	0	75.4	38.6	146	0.8496	2.02	30	
Aroclor 1260	0.800	0.0552	1.105	0	72.4	24.6	161	0.8033	0.460	30	
Surr: Decachlorobiphenyl	84.8		221.0		38.4	20.6	142		0		
Surr: Tetrachloro-m-xylene	78.8		221.0		35.7	22	157		0		

Sample ID: 1254-CCV-34329B	SampType: CCV	Units: mg/Kg			Prep Date: 11/5/2021	RunNo: 71083					
Client ID: CCV	Batch ID: 34329				Analysis Date: 11/5/2021	SeqNo: 1446736					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.17	0.0500	1.000	0	117	80	120				
Surr: Decachlorobiphenyl	228		200.0		114	30.2	155				
Surr: Tetrachloro-m-xylene	256		200.0		128	58.8	143				

Sample ID: 1660-CCV-34329B	SampType: CCV	Units: mg/Kg			Prep Date: 11/5/2021	RunNo: 71083					
Client ID: CCV	Batch ID: 34329				Analysis Date: 11/5/2021	SeqNo: 1446737					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.44	0.0500	1.000	0	144	80	120				S
Aroclor 1260	1.44	0.0500	1.000	0	144	80	120				S
Surr: Decachlorobiphenyl	265		200.0		132	30.2	155				
Surr: Tetrachloro-m-xylene	265		200.0		132	58.8	143				

Work Order: 2111114
CLIENT: Shannon & Wilson
Project: 8801- Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34329B	SampType: CCV	Units: mg/Kg	Prep Date: 11/5/2021	RunNo: 71083							
Client ID: CCV	Batch ID: 34329		Analysis Date: 11/5/2021	SeqNo: 1446737							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect; result meets QC requirements.

Work Order: 2111114
CLIENT: Shannon & Wilson
Project: 8801- Excavations

QC SUMMARY REPORT
Gasoline by NWTPH-Gx

Sample ID: ICB	SampType: ICB	Units: µg/L	Prep Date: 10/29/2021	RunNo: 70881							
Client ID: ICB	Batch ID: 34336		Analysis Date: 10/29/2021	SeqNo: 1442003							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	ND	50.0									
Surr: Toluene-d8	24.9		25.00		99.8	65	135				
Surr: 4-Bromofluorobenzene	24.7		25.00		98.9	65	135				

Sample ID: ICV GX 25738	SampType: ICV	Units: µg/L	Prep Date: 10/29/2021	RunNo: 70881							
Client ID: ICV	Batch ID: 34336		Analysis Date: 10/29/2021	SeqNo: 1442004							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	569	50.0	500.0	0	114	80	120				
Surr: Toluene-d8	25.0		25.00		100	65	135				
Surr: 4-Bromofluorobenzene	25.2		25.00		101	65	135				

Sample ID: CCV-34336A	SampType: CCV	Units: mg/Kg	Prep Date: 11/5/2021	RunNo: 71078							
Client ID: CCV	Batch ID: 34336		Analysis Date: 11/5/2021	SeqNo: 1446857							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	495	5.00	500.0	0	99.0	80	120				
Surr: Toluene-d8	25.3		25.00		101	65	135				
Surr: 4-Bromofluorobenzene	25.6		25.00		102	65	135				

Sample ID: LCS-34336	SampType: LCS	Units: mg/Kg	Prep Date: 11/5/2021	RunNo: 71078							
Client ID: LCSS	Batch ID: 34336		Analysis Date: 11/5/2021	SeqNo: 1446858							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	29.4	5.00	25.00	0	118	65	135				
Surr: Toluene-d8	1.24		1.250		99.3	65	135				
Surr: 4-Bromofluorobenzene	1.32		1.250		106	65	135				

Work Order: 2111114
CLIENT: Shannon & Wilson
Project: 8801- Excavations

QC SUMMARY REPORT
Gasoline by NWTPH-Gx

Sample ID: MB-34336	SampType: MBLK	Units: mg/Kg	Prep Date: 11/5/2021	RunNo: 71078							
Client ID: MBLKS	Batch ID: 34336		Analysis Date: 11/5/2021	SeqNo: 1446859							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	ND	5.00									
Surr: Toluene-d8	1.23		1.250		98.4	65	135				
Surr: 4-Bromofluorobenzene	1.30		1.250		104	65	135				

Sample ID: 2111006-029BDUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/5/2021	RunNo: 71078							
Client ID: BATCH	Batch ID: 34336		Analysis Date: 11/5/2021	SeqNo: 1446865							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	2.49	5.11						3.213	25.5	30	J
Surr: Toluene-d8	1.25		1.279		97.8	65	135		0		
Surr: 4-Bromofluorobenzene	1.32		1.279		103	65	135		0		

Sample ID: 2110511-018BDUP	SampType: DUP	Units: mg/Kg-dry	Prep Date: 11/5/2021	RunNo: 71078							
Client ID: BATCH	Batch ID: 34336		Analysis Date: 11/6/2021	SeqNo: 1446874							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	5.42	7.05						4.483	18.9	30	J
Surr: Toluene-d8	1.69		1.763		96.1	65	135		0		
Surr: 4-Bromofluorobenzene	1.83		1.763		104	65	135		0		

Sample ID: 2111114-003BMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 11/5/2021	RunNo: 71078							
Client ID: A3-BOT40:6.5	Batch ID: 34336		Analysis Date: 11/6/2021	SeqNo: 1446875							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	35.3	6.95	34.77	0	102	65	135				
Surr: Toluene-d8	1.70		1.739		97.5	65	135				
Surr: 4-Bromofluorobenzene	1.84		1.739		106	65	135				

Work Order: 2111114
 CLIENT: Shannon & Wilson
 Project: 8801- Excavations

QC SUMMARY REPORT
Gasoline by NWTPH-Gx

Sample ID: CCV-34336B	SampType: CCV	Units: mg/Kg	Prep Date: 11/6/2021	RunNo: 71078							
Client ID: CCV	Batch ID: 34336		Analysis Date: 11/6/2021	SeqNo: 1446876							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	507	5.00	500.0	0	101	80	120				
Surr: Toluene-d8	25.3		25.00		101	65	135				
Surr: 4-Bromofluorobenzene	25.2		25.00		101	65	135				

Sample ID: CCV-34336C	SampType: CCV	Units: mg/Kg	Prep Date: 11/6/2021	RunNo: 71078							
Client ID: CCV	Batch ID: 34336		Analysis Date: 11/6/2021	SeqNo: 1446883							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Gasoline	529	5.00	500.0	0	106	80	120				
Surr: Toluene-d8	25.4		25.00		101	65	135				
Surr: 4-Bromofluorobenzene	25.6		25.00		102	65	135				

Client Name: **SW**

 Work Order Number: **2111114**

 Logged by: **Gabrielle Coeuille**

 Date Received: **11/4/2021 2:14:00 PM**

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >2°C to 6°C * Yes No NA
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Sample 1	4.5

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



Fremont
ANALYTICAL

3600 Fremont Ave. N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 11/1/11 Page: 1 of 1

Project Name: 8801-Excavations

Project No: 103485-008

Collected by: Ryan Peterson

Location: Tukwila, WA

Report To (PM): Ryan Peterson

PM Email: RR@shandy.com

Laboratory Project No (Internal): 2011114

Special Remarks: Refer to project methods

Sample Disposal: Return to client Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 - SIM)	Metals** (EPA 6020 / 200.8)	Total (T) Dissolved (D)	Anions (IC)***	EDB (801)	Lead, Arsenic, Cadmium, Chromium, Copper	Comments
1 AS-SIDE18:2	11/3/11	1150	S	1														
2 AS-SIDE18:7	11/3/11	1155	S	1														
3 AS-SIDE AS-6840:6	11/9/11	1210	S	3														
4 TRAP-2021103	11/3/11	1210	-	1														
5 AS-SIDE19:2	11/4/11	1230	S	1														
6 AS-SIDE19:6	11/4/11	1235	S	1														
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water
 **Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Tl V Zn
 ***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Turn-around Time:
 2 Day
 3 Day
 Same Day (specify)

Relinquished (Signature) *[Signature]* Print Name *RYAN PETERSON* Date/Time *11/1/11 13:30*
 Relinquished (Signature) *[Signature]* Print Name *ALEX TRYG* Date/Time *11/04/11 14:14*

DATA SET for Review -- Deliverable Requirements

Gasoline by NWTPH-Gx

Fremont Analytical Work Order No. 2111114

Shannon & Wilson

Project Name: 8801- Excavations

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information
- Tune Information

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 102801.D CLEANOUT	8260.M O-VOC-S	1	1.000	28 Oct 2021 04:38 pm
2) 102802.D CLEANOUT	8260.M O-VOC-S	1	1.000	28 Oct 2021 05:09 pm
3) 102803.D CLEANOUT	8260.M O-VOC-S	2	1.000	28 Oct 2021 05:40 pm
4) 102804.D CLEANOUT	8260.M O-VOC-S	2	1.000	28 Oct 2021 06:11 pm
5) 102805.D VOC SOIL CAL1 26114	8260.M O-VOC-S	3	1.000	28 Oct 2021 06:42 pm
6) 102806.D VOC SOIL CAL2	8260.M O-VOC-S	4	1.000	28 Oct 2021 07:13 pm
7) 102807.D VOC SOIL CAL3	8260.M O-VOC-S	5	1.000	28 Oct 2021 07:44 pm
8) 102808.D VOC SOIL CAL4	8260.M O-VOC-S	6	1.000	28 Oct 2021 08:15 pm
9) 102809.D VOC SOIL CAL5	8260.M O-VOC-S	7	1.000	28 Oct 2021 08:46 pm
10) 102810.D VOC SOIL CAL6	8260.M O-VOC-S	8	1.000	28 Oct 2021 09:17 pm
11) 102811.D VOC SOIL CAL7	8260.M O-VOC-S	9	1.000	28 Oct 2021 09:48 pm
12) 102812.D VOC SOIL CAL8	8260.M O-VOC-S	10	1.000	28 Oct 2021 10:19 pm
13) 102813.D CLEANOUT	8260.M O-VOC-S	11	1.000	28 Oct 2021 10:50 pm
14) 102814.D ICB	8260.M O-VOC-S	12	1.000	28 Oct 2021 11:21 pm
15) 102815.D ICV VOC 25965	8260.M O-VOC-S	13	1.000	28 Oct 2021 11:52 pm
16) 102816.D CLEANOUT	8260.M O-VOC-S	11	1.000	29 Oct 2021 12:23 am
17) 102817.D GX CAL1 25971	8260.M O-VOC-GX-W	14	1.000	29 Oct 2021 12:54 am
18) 102818.D GX CAL2	8260.M O-VOC-GX-W	15	1.000	29 Oct 2021 01:26 am
19) 102819.D GX CAL3	8260.M O-VOC-GX-W	16	1.000	29 Oct 2021 01:57 am
20) 102820.D GX CAL4	8260.M O-VOC-GX-W	17	1.000	29 Oct 2021 02:28 am
21) 102821.D GX CAL5	8260.M O-VOC-GX-W	18	1.000	29 Oct 2021 02:59 am

22) 102822.D	8260.M					
GX CAL6	O-VOC-GX-W	19	1.000	29 Oct 2021	03:30	am

23) 102823.D	8260.M					
GX CAL7	O-VOC-GX-W	20	1.000	29 Oct 2021	04:01	am

24) 102824.D	8260.M					
CLEANOUT	O-VOC-GX-W	21	1.000	29 Oct 2021	04:32	am

25) 102825.D	8260.M					
ICB	O-VOC-GX-W	22	1.000	29 Oct 2021	05:03	am

26) 102826.D	8260.M					
ICV GX 25738	O-VOC-GX-W	23	1.000	29 Oct 2021	05:34	am

Data Directory: D:\GC-9\DATA\110521\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 110501.D CLEANOUT	8260.M O-VOC-S	1	1.000	05 Nov 2021 05:42 pm
2) 110502.D CCV-34336A_LCS-343..	8260.M O-VOC-S	2	1.000	05 Nov 2021 06:13 pm
3) 110503.D CCV-34336A GX	8260.M O-VOC-GX-S	3	1.000	05 Nov 2021 06:44 pm
4) 110504.D LCS-34336 GX	8260.M O-VOC-S	4	1.000	05 Nov 2021 07:15 pm
5) 110505.D CLEANOUT	8260.M O-VOC-S	1	1.000	05 Nov 2021 07:46 pm
6) 110506.D MB-34336	8260.M O-VOC-S	5	1.000	05 Nov 2021 08:17 pm
7) 110507.D 2111114-004A TB	8260.M O-VOC-S	6	1.000	05 Nov 2021 08:48 pm
8) 110508.D 2111006-001B	8260.M O-VOC-S	7	1.000	05 Nov 2021 09:19 pm
9) 110509.D 2111006-014B	8260.M O-VOC-S	8	1.000	05 Nov 2021 09:50 pm
10) 110510.D 2111006-017B	8260.M O-VOC-S	9	1.000	05 Nov 2021 10:21 pm
11) 110511.D 2111006-029B	8260.M O-VOC-S	10	1.000	05 Nov 2021 10:52 pm
12) 110512.D 2111006-029BDUP	8260.M O-VOC-S	11	1.000	05 Nov 2021 11:23 pm
13) 110513.D 2111006-036B	8260.M O-VOC-S	12	1.000	05 Nov 2021 11:54 pm
14) 110514.D 2111006-048B	8260.M O-VOC-S	13	1.000	06 Nov 2021 12:25 am
15) 110515.D 2111006-055B	8260.M O-VOC-S	14	1.000	06 Nov 2021 12:56 am
16) 110516.D 2111006-066B	8260.M O-VOC-S	15	1.000	06 Nov 2021 01:27 am
17) 110517.D 2111006-069B	8260.M O-VOC-S	16	1.000	06 Nov 2021 01:58 am
18) 110518.D 2111006-075B	8260.M O-VOC-S	17	1.000	06 Nov 2021 02:29 am
19) 110519.D 2111114-003B	8260.M O-VOC-S	18	1.000	06 Nov 2021 03:00 am
20) 110520.D 2110511-018B	8260.M O-VOC-S	19	1.000	06 Nov 2021 03:31 am
21) 110521.D 2110511-018BDUP	8260.M O-VOC-S	20	1.000	06 Nov 2021 04:02 am

22)	110522.D	8260.M						
2111114-003BMS GX	O-VOC-S		21	1.000	06 Nov 2021	04:33	am	

23)	110523.D	8260.M						
CLEANOUT	O-VOC-S		22	1.000	06 Nov 2021	05:04	am	

24)	110524.D	8260.M						
CCV-34336B VOC	O-VOC-S		23	1.000	06 Nov 2021	05:35	am	

25)	110525.D	8260.M						
CCV-34336B GX	O-VOC-S		24	1.000	06 Nov 2021	06:06	am	

26)	110526.D	8260.M						
CLEANOUT	O-VOC-S		22	1.000	06 Nov 2021	06:37	am	

27)	110527.D	8260.M						
2110511-003B	O-VOC-S		25	1.000	06 Nov 2021	07:08	am	

28)	110528.D	8260.M						
2110511-013B	O-VOC-S		26	1.000	06 Nov 2021	07:39	am	

29)	110529.D	8260.M						
2110511-023B	O-VOC-S		27	1.000	06 Nov 2021	08:09	am	

30)	110530.D	8260.M						
2110511-032B	O-VOC-S		28	1.000	06 Nov 2021	08:40	am	

31)	110531.D	8260.M						
2110511-039B	O-VOC-S		29	1.000	06 Nov 2021	09:11	am	

32)	110532.D	8260.M						
2110511-028B	O-VOC-S		30	1.000	06 Nov 2021	09:42	am	

33)	110533.D	8260.M						
CLEANOUT	O-VOC-S		31	1.000	06 Nov 2021	10:13	am	

34)	110534.D	8260.M						
2110511-005B	O-VOC-S		32	1.000	06 Nov 2021	10:44	am	

35)	110535.D	8260.M						
2110511-039BMS VOC	O-VOC-S		33	1.000	06 Nov 2021	11:15	am	

36)	110536.D	8260.M						
CLEANOUT	O-VOC-S		34	1.000	06 Nov 2021	11:46	am	

37)	110537.D	8260.M						
CLEANOUT	O-VOC-S		34	1.000	06 Nov 2021	12:17	pm	

38)	110538.D	8260.M						
CCV-34336C VOC	O-VOC-S		35	1.000	06 Nov 2021	12:48	pm	

39)	110539.D	8260.M						
CCV-34336C GX	O-VOC-S		36	1.000	06 Nov 2021	01:19	pm	

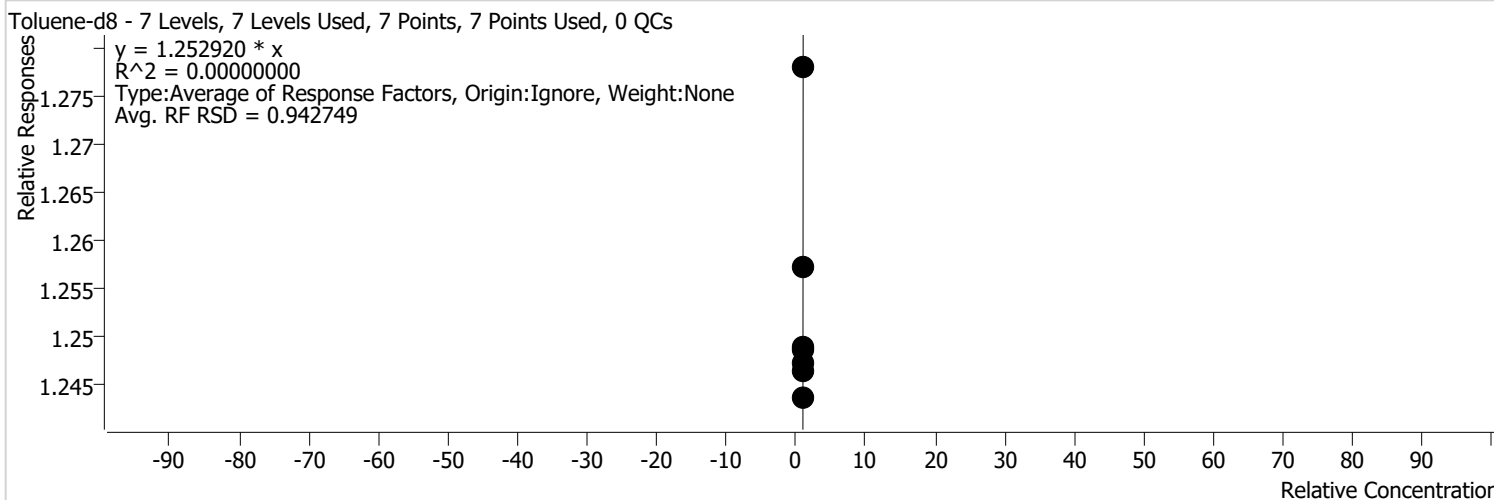


Calibration

Calibration Report

Batch Path	D:\GC-9\DATA\102821\QuantResults\GX CAL.batch.bin		
Analysis Time	10/29/2021 11:53 AM	Analyst Name	FA\GC9
Report Time	10/29/2021 11:53:50 AM	Reporter Name	FA\GC9
Last Calib Update	10/29/2021 9:00 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Toluene-d8 %RSE =



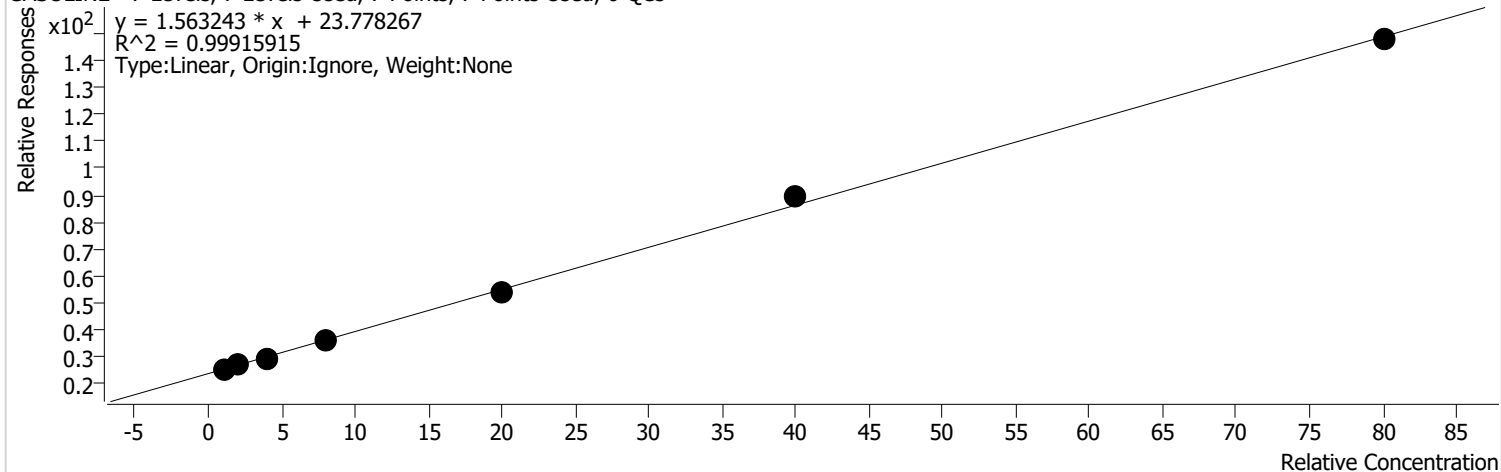
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-9\DATA\102821\102823.D	Calibration	7	x	9040552	25.0000	1.2780	
D:\GC-9\DATA\102821\102822.D	Calibration	6	x	8638086	25.0000	1.2489	
D:\GC-9\DATA\102821\102821.D	Calibration	5	x	8526722	25.0000	1.2572	
D:\GC-9\DATA\102821\102820.D	Calibration	4	x	8416920	25.0000	1.2438	
D:\GC-9\DATA\102821\102819.D	Calibration	3	x	8536961	25.0000	1.2475	
D:\GC-9\DATA\102821\102818.D	Calibration	2	x	8499796	25.0000	1.2464	
D:\GC-9\DATA\102821\102817.D	Calibration	1	x	8689436	25.0000	1.2487	

Calibration Report

Batch Path	D:\GC-9\DATA\102821\QuantResults\GX CAL.batch.bin		
Analysis Time	10/29/2021 11:53 AM	Analyst Name	FA\GC9
Report Time	10/29/2021 11:53:51 AM	Reporter Name	FA\GC9
Last Calib Update	10/29/2021 9:00 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

GASOLINE %RSE = 8.5

GASOLINE - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 0 QCs

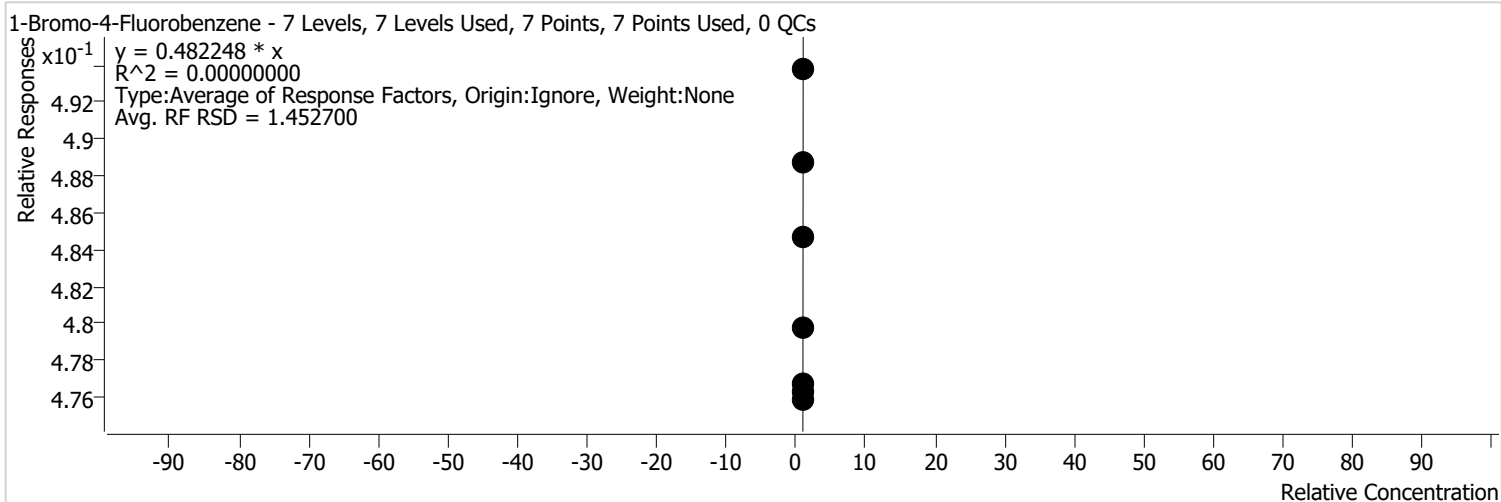


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-9\DATA\102821\102817.D	Calibration	1	x	147145749	25.0000	25.5698	
D:\GC-9\DATA\102821\102818.D	Calibration	2	x	144578853	50.0000	13.4285	
D:\GC-9\DATA\102821\102819.D	Calibration	3	x	160009927	100.0000	7.3553	
D:\GC-9\DATA\102821\102820.D	Calibration	4	x	196051542	200.0000	4.4615	
D:\GC-9\DATA\102821\102821.D	Calibration	5	x	304833282	500.0000	2.7209	
D:\GC-9\DATA\102821\102822.D	Calibration	6	x	513718606	1000.0000	2.2279	
D:\GC-9\DATA\102821\102823.D	Calibration	7	x	878501191	2000.0000	1.8460	

Calibration Report

Batch Path	D:\GC-9\DATA\102821\QuantResults\GX CAL.batch.bin		
Analysis Time	10/29/2021 11:53 AM	Analyst Name	FA\GC9
Report Time	10/29/2021 11:53:51 AM	Reporter Name	FA\GC9
Last Calib Update	10/29/2021 9:00 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

1-Bromo-4-Fluorobenzene %RSE =



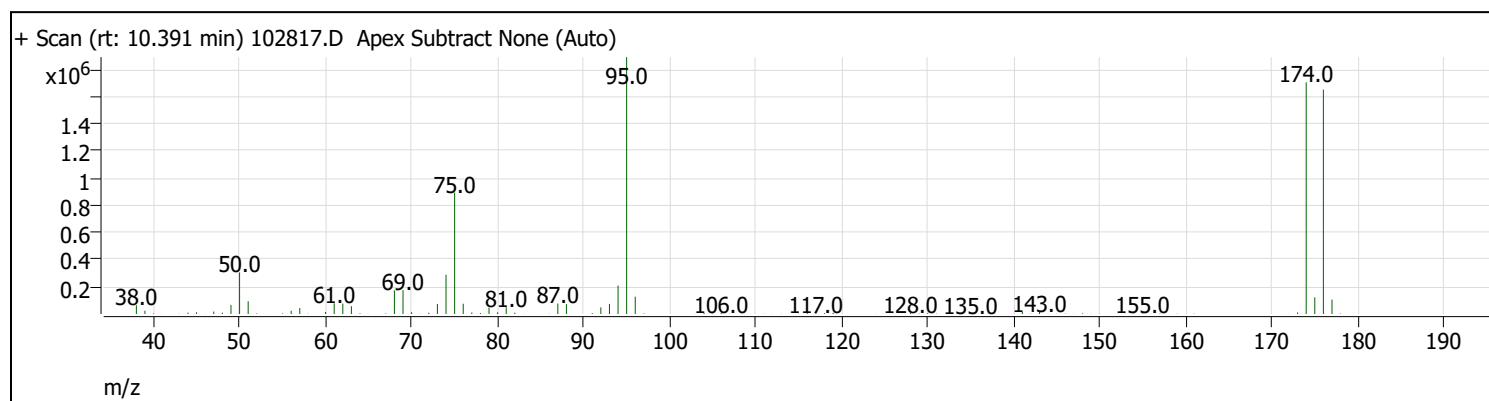
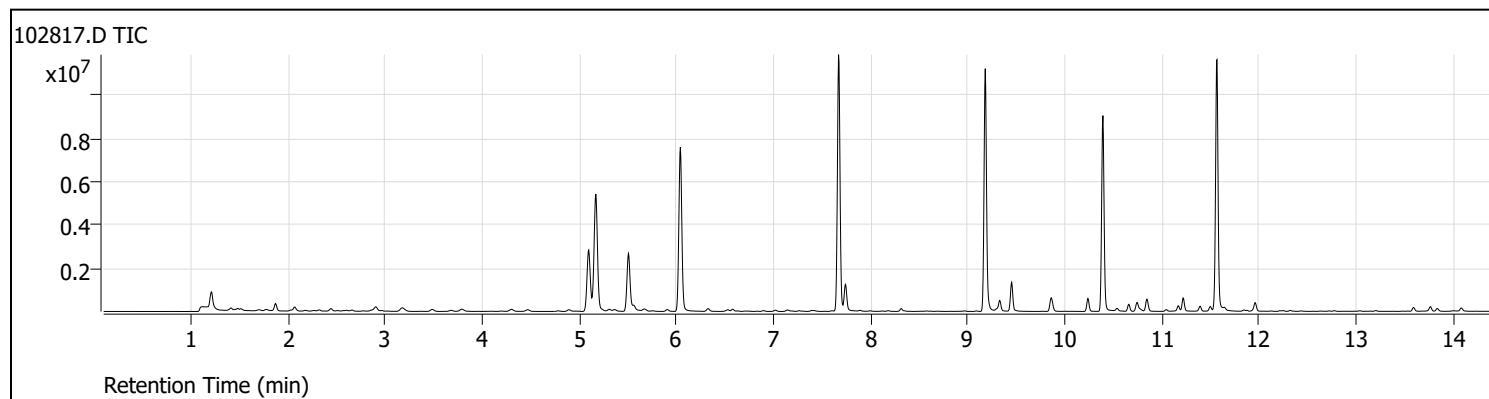
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-9\DATA\102821\102823.D	Calibration	7	x	3492705	25.0000	0.4937	
D:\GC-9\DATA\102821\102822.D	Calibration	6	x	3380341	25.0000	0.4887	
D:\GC-9\DATA\102821\102821.D	Calibration	5	x	3287566	25.0000	0.4847	
D:\GC-9\DATA\102821\102820.D	Calibration	4	x	3222601	25.0000	0.4762	
D:\GC-9\DATA\102821\102819.D	Calibration	3	x	3283101	25.0000	0.4797	
D:\GC-9\DATA\102821\102818.D	Calibration	2	x	3250670	25.0000	0.4767	
D:\GC-9\DATA\102821\102817.D	Calibration	1	x	3311800	25.0000	0.4759	



Tunes

Tune Evaluation Report

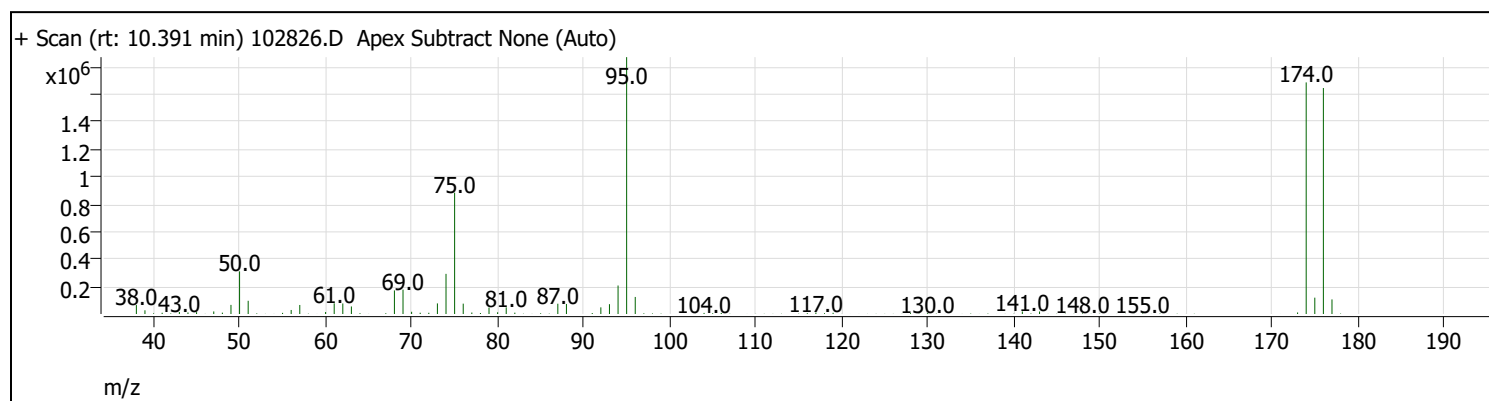
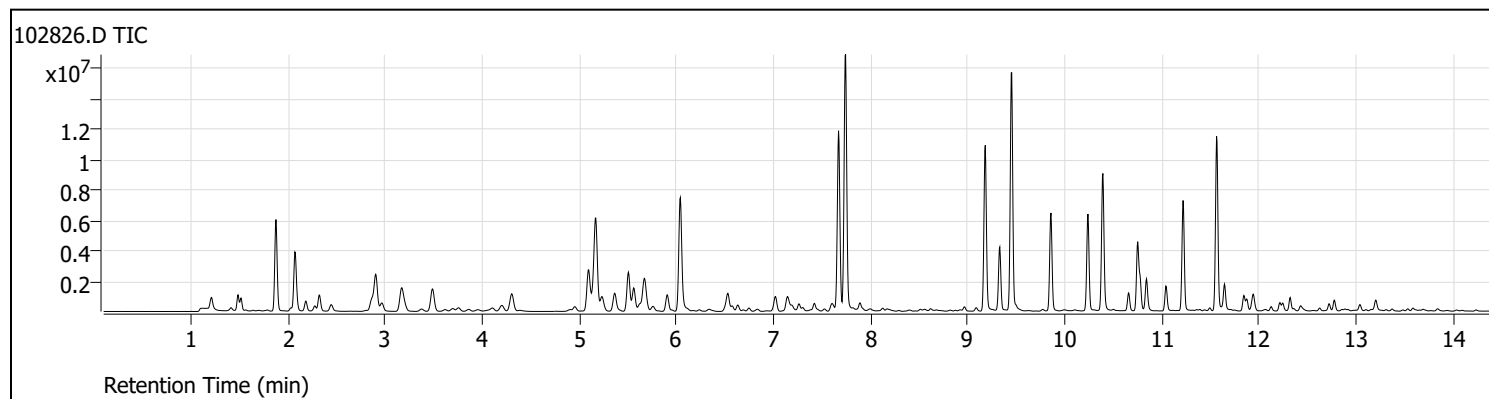
Data Path: D:\GC-9\DATA\102821\102817.D
 Acq on: 10/29/2021 12:55:01 AM
 Operator: FA\GC9
 Sample: GX CAL1 25971
 Inst Name: GC-9
 ALS Vial: 14
 Method: D:\MassHunter\Methods\Quant\BFB2021.m



Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
95	174	50	200	110.9	1888256	Pass
96	95	5	9	6.7	127096	Pass
173	174	0	2	0.7	11469	Pass
174	95	50	200	90.2	1703424	Pass
175	174	5	9	7.2	122504	Pass
176	174	95	105	96.8	1649664	Pass
177	176	5	10	6.4	106232	Pass

Tune Evaluation Report

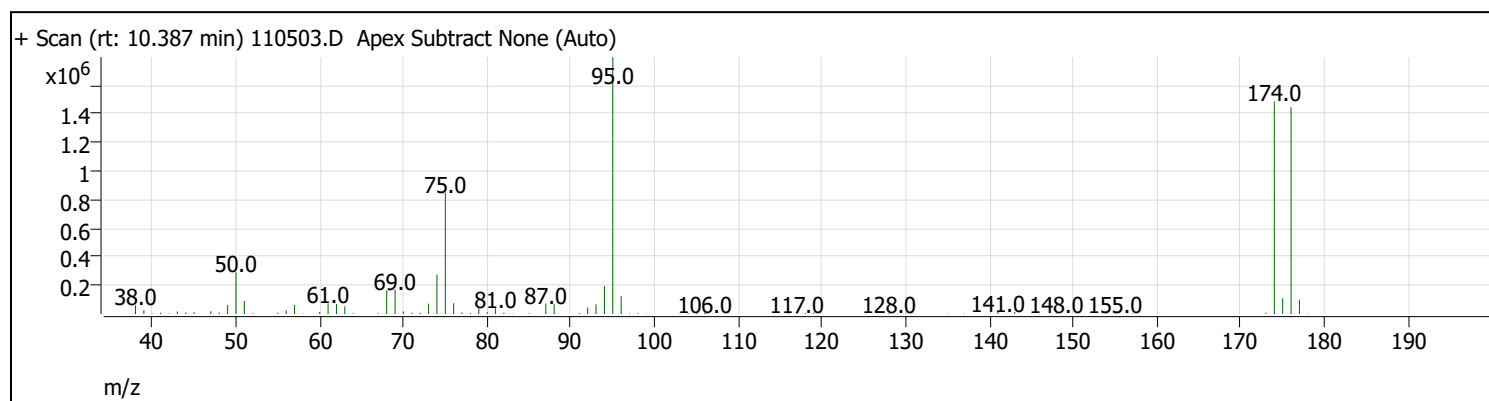
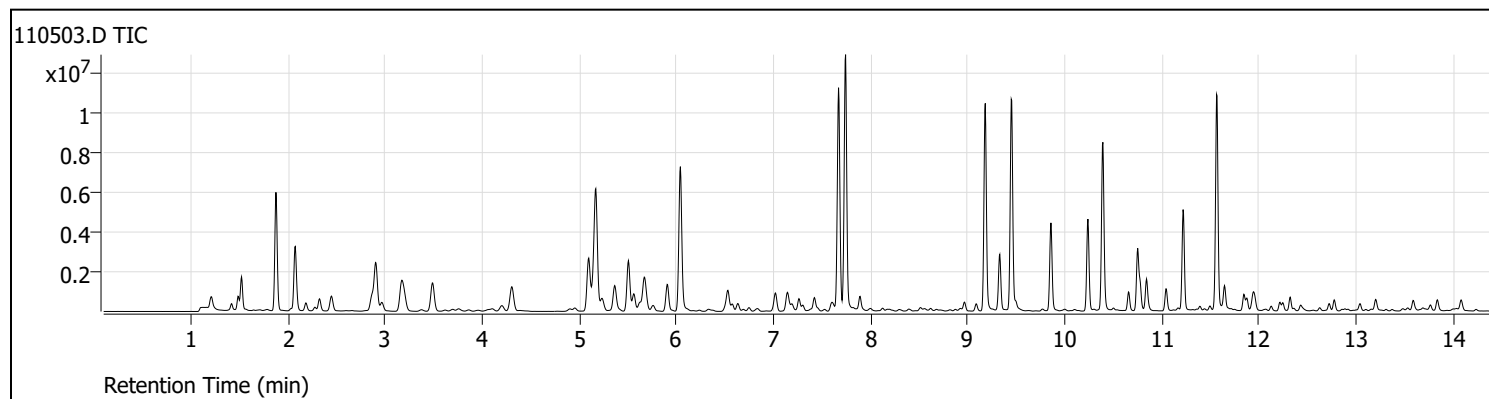
Data Path: D:\GC-9\DATA\102821\102826.D
 Acq on: 10/29/2021 5:34:04 AM
 Operator: FA\GC9
 Sample: ICV GX 25738
 Inst Name: GC-9
 ALS Vial: 23
 Method: D:\MassHunter\Methods\Quant\BFB2021.m



Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
95	174	50	200	110.9	1869824	Pass
96	95	5	9	6.6	124072	Pass
173	174	0	2	0.7	11177	Pass
174	95	50	200	90.2	1686016	Pass
175	174	5	9	7.1	118968	Pass
176	174	95	105	97.6	1645056	Pass
177	176	5	10	6.5	106160	Pass

Tune Evaluation Report

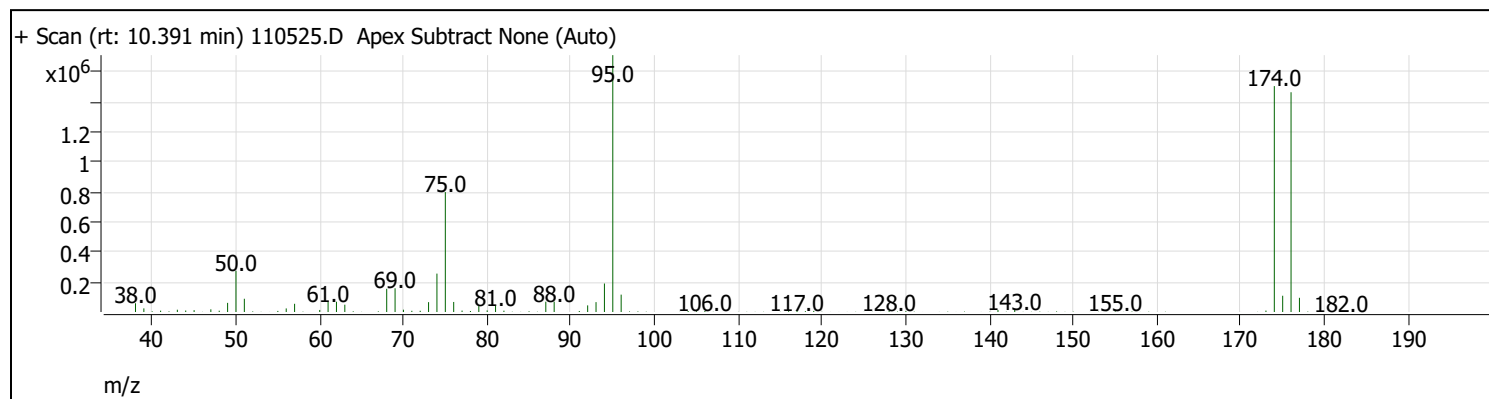
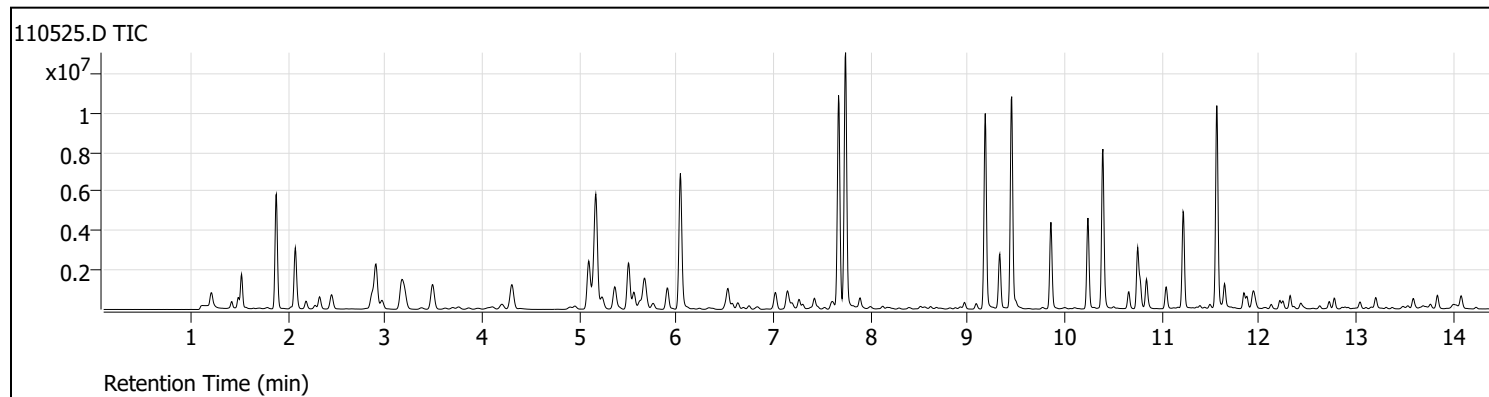
Data Path: D:\GC-9\DATA\110521\110503.D
 Acq on: 11/5/2021 6:44:24 PM
 Operator: FA\GC9
 Sample: CCV-34336A GX
 Inst Name: GC-9
 ALS Vial: 3
 Method: D:\MassHunter\Methods\Quant\BFB2021.m



Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
95	174	50	200	120.8	1794560	Pass
96	95	5	9	6.9	123808	Pass
173	174	0	2	0.7	9669	Pass
174	95	50	200	82.8	1485312	Pass
175	174	5	9	7.4	110064	Pass
176	174	95	105	97.3	1444864	Pass
177	176	5	10	6.9	99512	Pass

Tune Evaluation Report

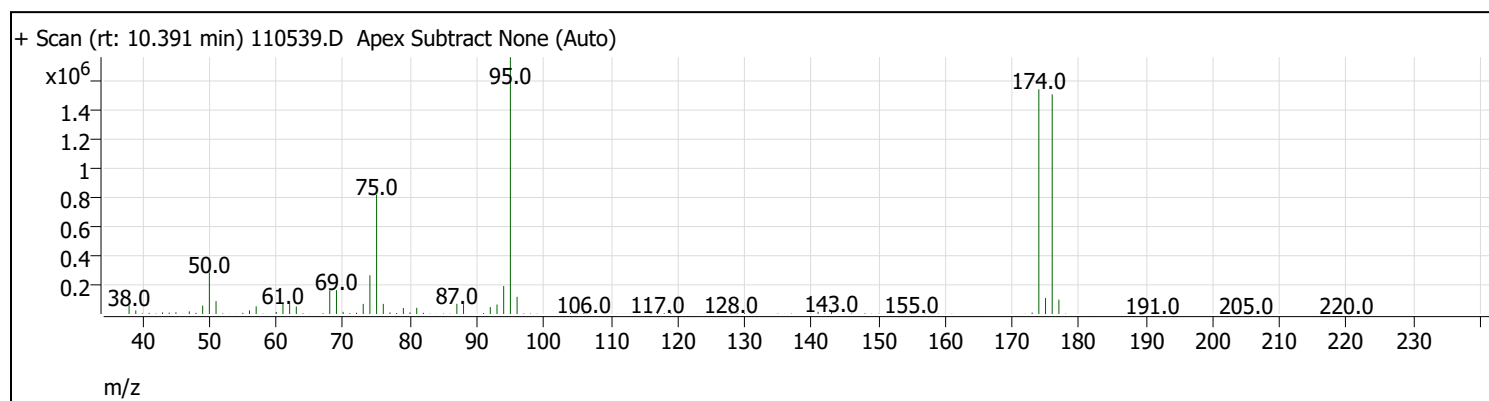
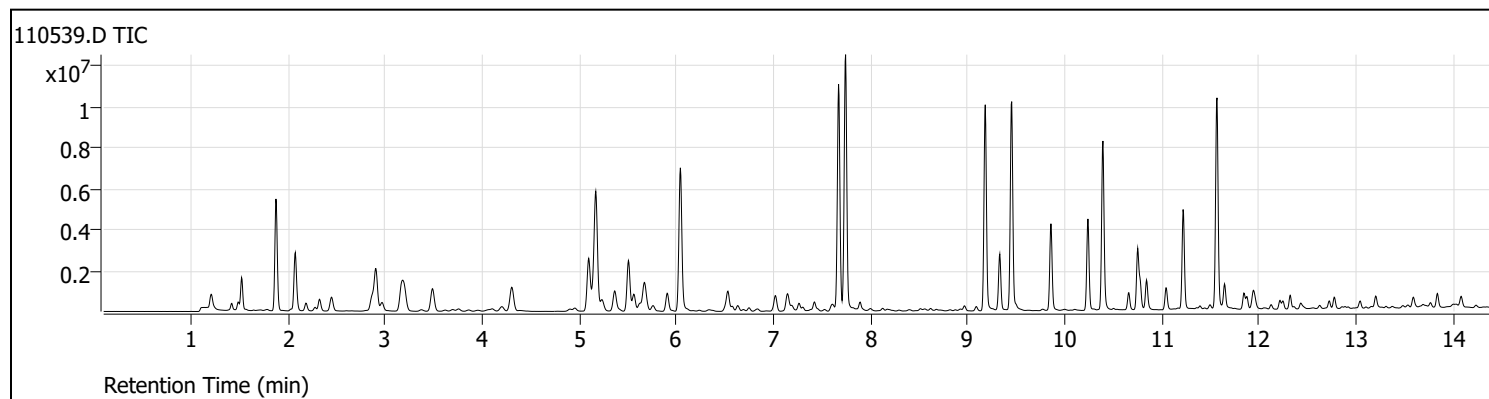
Data Path: D:\GC-9\DATA\110521\110525.D
 Acq on: 11/6/2021 6:06:19 AM
 Operator: FA\GC9
 Sample: CCV-34336B GX
 Inst Name: GC-9
 ALS Vial: 24
 Method: D:\MassHunter\Methods\Quant\BFB2021.m



Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
95	174	50	200	113.7	1712128	Pass
96	95	5	9	6.8	115816	Pass
173	174	0	2	0.6	9584	Pass
174	95	50	200	87.9	1505792	Pass
175	174	5	9	7.2	108392	Pass
176	174	95	105	97.3	1464832	Pass
177	176	5	10	6.5	94608	Pass

Tune Evaluation Report

Data Path: D:\GC-9\DATA\110521\110539.D
 Acq on: 11/6/2021 1:19:42 PM
 Operator: FA\GC9
 Sample: CCV-34336C GX
 Inst Name: GC-9
 ALS Vial: 36
 Method: D:\MassHunter\Methods\Quant\BFB2021.m



Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
95	174	50	200	114.3	1758208	Pass
96	95	5	9	6.7	117808	Pass
173	174	0	2	0.7	10018	Pass
174	95	50	200	87.5	1538560	Pass
175	174	5	9	7.2	110208	Pass
176	174	95	105	97.7	1503744	Pass
177	176	5	10	6.5	98328	Pass

DATA SET for Review -- Deliverable Requirements

Polychlorinated Biphenyls (PCB) by EPA 8082

Fremont Analytical Work Order No. 2111114

Shannon & Wilson

Project Name: 8801- Excavations

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information

Data Directory: D:\GC-16\Data\2021\093021\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 093034.D No data found	8081_8082A_608.M		0.000	N/A
2) 093001.D CO	8081_8082A_608.M	6	1.000	30 Sep 2021 07:54 am
3) 093002.D 1660 10	8081_8082A_608.M	11	1.000	30 Sep 2021 08:04 am
4) 093003.D 1660 20	8081_8082A_608.M	12	1.000	30 Sep 2021 08:14 am
5) 093004.D 1660 50	8081_8082A_608.M	13	1.000	30 Sep 2021 08:24 am
6) 093005.D 1660 100	8081_8082A_608.M	14	1.000	30 Sep 2021 08:33 am
7) 093006.D 1660 200	8081_8082A_608.M	15	1.000	30 Sep 2021 08:43 am
8) 093007.D 1660 500	8081_8082A_608.M	16	1.000	30 Sep 2021 08:53 am
9) 093008.D 1660 1000	8081_8082A_608.M	17	1.000	30 Sep 2021 09:02 am
10) 093009.D 1660 2000	8081_8082A_608.M	18	1.000	30 Sep 2021 09:12 am
11) 093010.D 1660 ICB	8081_8082A_608.M	19	1.000	30 Sep 2021 09:22 am
12) 093011.D 1660 ICV	8081_8082A_608.M	20	1.000	30 Sep 2021 09:32 am
13) 093012.D 1254 10	8081_8082A_608.M	21	1.000	30 Sep 2021 09:41 am
14) 093013.D 1660 ICV	8081_8082A_608.M	20	1.000	30 Sep 2021 09:51 am
15) 093014.D 1254 20	8081_8082A_608.M	22	1.000	30 Sep 2021 10:02 am
16) 093015.D 1254 50	8081_8082A_608.M	23	1.000	30 Sep 2021 10:12 am
17) 093016.D 1254 100	8081_8082A_608.M	24	1.000	30 Sep 2021 10:22 am
18) 093017.D 1254 200	8081_8082A_608.M	25	1.000	30 Sep 2021 10:33 am
19) 093018.D 1254 500	8081_8082A_608.M	26	1.000	30 Sep 2021 10:42 am
20) 093019.D 1254 1000	8081_8082A_608.M	27	1.000	30 Sep 2021 10:52 am
21) 093020.D 1254 2000	8081_8082A_608.M	28	1.000	30 Sep 2021 11:02 am

22) 093021.D 1254 ICB	8081_8082A_608.M	29	1.000	30 Sep 2021	11:12 am
23) 093022.D 1254 ICV	8081_8082A_608.M	30	1.000	30 Sep 2021	11:21 am
24) 093023.D 1660-CCV-33867A	8081_8082A_608.M	17	1.000	30 Sep 2021	11:31 am
25) 093024.D 1254-CCV-33867A	8081_8082A_608.M	27	1.000	30 Sep 2021	11:41 am
26) 093025.D MB-33867	8081_8082A_608.M	31	1.000	30 Sep 2021	11:50 am
27) 093026.D LCS1-33867	8081_8082A_608.M	32	1.000	30 Sep 2021	12:00 pm
28) 093027.D LCS1D-33867	8081_8082A_608.M	33	1.000	30 Sep 2021	12:10 pm
29) 093028.D LCS2-33867	8081_8082A_608.M	34	1.000	30 Sep 2021	12:20 pm
30) 093029.D LCS-LL-33867	8081_8082A_608.M	35	1.000	30 Sep 2021	12:29 pm
31) 093030.D 2109469-001A	8081_8082A_608.M	44	1.000	30 Sep 2021	12:39 pm
32) 093031.D 2109469-001AMS	8081_8082A_608.M	45	1.000	30 Sep 2021	12:49 pm
33) 093032.D 2109390-011E	8081_8082A_608.M	36	1.000	30 Sep 2021	12:58 pm
34) 093033.D 2109397-003C	8081_8082A_608.M	37	1.000	30 Sep 2021	01:08 pm

Data Directory: D:\GC-16\Data\2021\110521\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 110501.D CO	8081_8082A_608.M	6	1.000	05 Nov 2021 02:00 pm
2) 110502.D 1254-CCV-	8081_8082A_608.M	7	1.000	05 Nov 2021 02:10 pm
3) 110503.D 2110520-039A 10X	8081_8082A_608.M	52	1.000	05 Nov 2021 02:23 pm
4) 110504.D 1254-CCV-	8081_8082A_608.M	7	1.000	05 Nov 2021 02:33 pm
5) 110505.D 1660-CCV-	8081_8082A_608.M	6	1.000	05 Nov 2021 02:46 pm
6) 110506.D MB-34329	8081_8082A_608.M	11	1.000	05 Nov 2021 04:18 pm
7) 110507.D LCS1-34329	8081_8082A_608.M	12	1.000	05 Nov 2021 04:27 pm
8) 110508.D LCS2-34329	8081_8082A_608.M	13	1.000	05 Nov 2021 04:37 pm
9) 110509.D 2111035-001A	8081_8082A_608.M	14	1.000	05 Nov 2021 04:47 pm
10) 110510.D 2111035-001AMS	8081_8082A_608.M	15	1.000	05 Nov 2021 04:57 pm
11) 110511.D 2111035-001AMSD	8081_8082A_608.M	16	1.000	05 Nov 2021 05:06 pm
12) 110512.D 2111035-002A	8081_8082A_608.M	17	1.000	05 Nov 2021 05:16 pm
13) 110513.D 2111035-003A	8081_8082A_608.M	18	1.000	05 Nov 2021 05:26 pm
14) 110514.D 2111035-004A	8081_8082A_608.M	19	1.000	05 Nov 2021 05:36 pm
15) 110515.D 2111035-005A	8081_8082A_608.M	20	1.000	05 Nov 2021 05:45 pm
16) 110516.D 2111035-006A	8081_8082A_608.M	21	1.000	05 Nov 2021 05:55 pm
17) 110517.D 2111035-007A	8081_8082A_608.M	22	1.000	05 Nov 2021 06:05 pm
18) 110518.D 2111040-001A	8081_8082A_608.M	23	1.000	05 Nov 2021 06:14 pm
19) 110519.D 2111048-001A	8081_8082A_608.M	24	1.000	05 Nov 2021 06:24 pm
20) 110520.D 2111048-002A	8081_8082A_608.M	25	1.000	05 Nov 2021 06:34 pm
21) 110521.D 2111048-003A	8081_8082A_608.M	26	1.000	05 Nov 2021 06:44 pm

22)	110522.D	8081_8082A_608.M	27	1.000	05 Nov 2021	06:53 pm

23)	110523.D	8081_8082A_608.M	28	1.000	05 Nov 2021	07:03 pm

24)	110524.D	8081_8082A_608.M	29	1.000	05 Nov 2021	07:13 pm

25)	110525.D	8081_8082A_608.M	30	1.000	05 Nov 2021	07:23 pm

26)	110526.D	8081_8082A_608.M	31	1.000	05 Nov 2021	07:32 pm

27)	110527.D	8081_8082A_608.M	32	1.000	05 Nov 2021	07:42 pm

28)	110528.D	8081_8082A_608.M	33	1.000	05 Nov 2021	07:52 pm

29)	110529.D	8081_8082A_608.M	34	1.000	05 Nov 2021	08:01 pm

30)	110530.D	8081_8082A_608.M	6	1.000	05 Nov 2021	08:11 pm

31)	110531.D	8081_8082A_608.M	7	1.000	05 Nov 2021	08:21 pm

32)	110532.D	8081_8082A_608.M	6	1.000	05 Nov 2021	08:31 pm



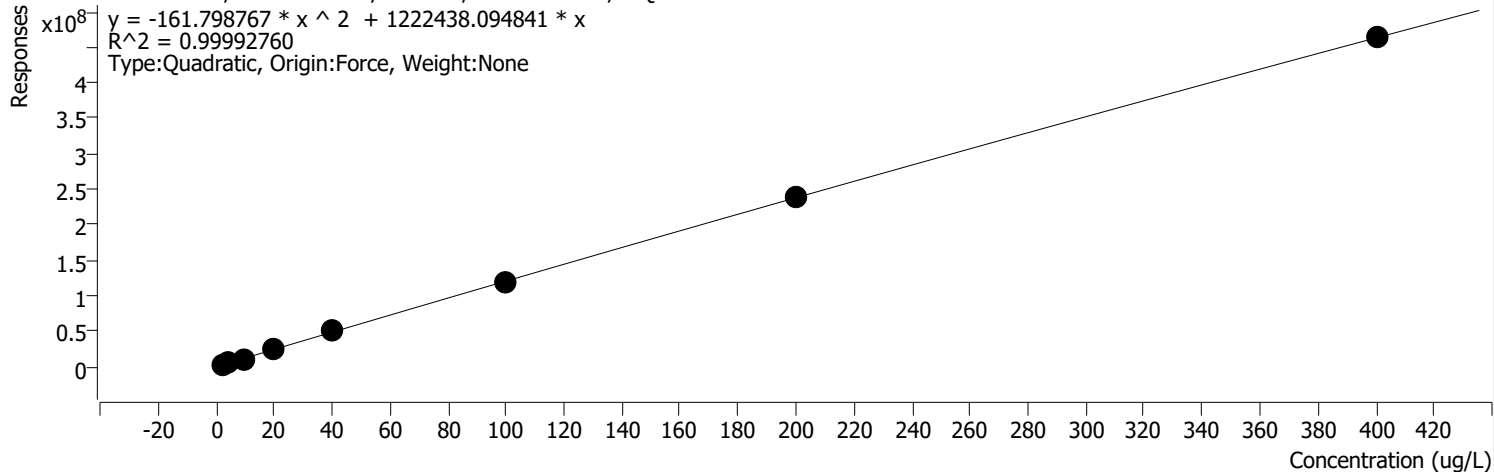
Calibration

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:22 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE =

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



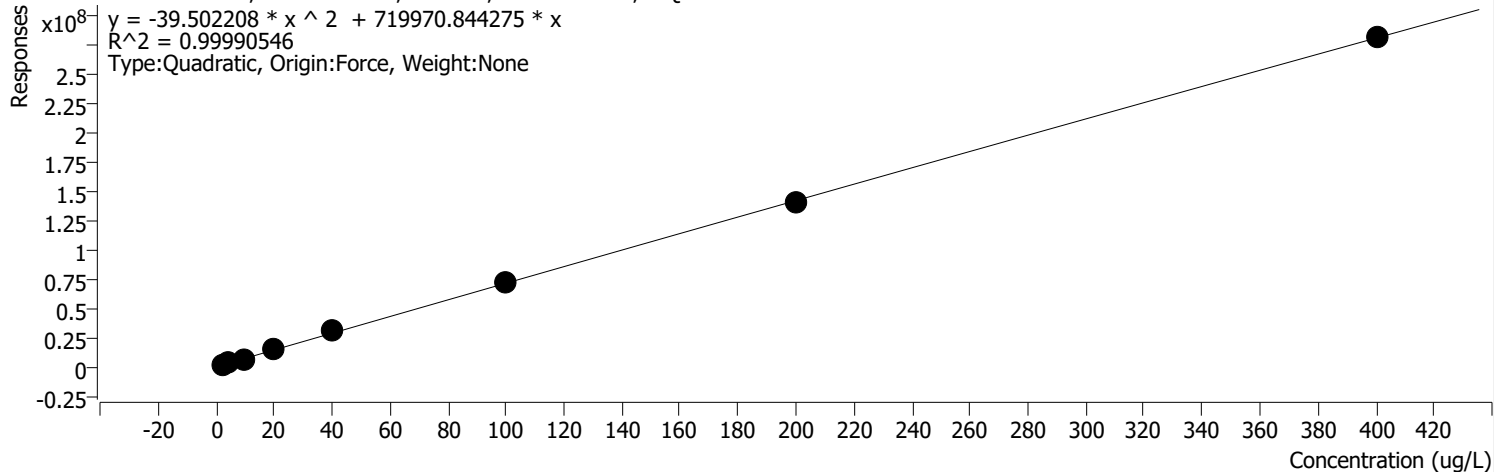
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	2488666	2.0000	1244333.1986	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	5501171	4.0000	1375292.7028	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	11449948	10.0000	1144994.7636	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	26421926	20.0000	1321096.2764	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	50798942	40.0000	1269973.5488	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	118768018	100.0000	1187680.1829	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	238292847	200.0000	1191464.2361	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	463107967	400.0000	1157769.9172	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE =

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

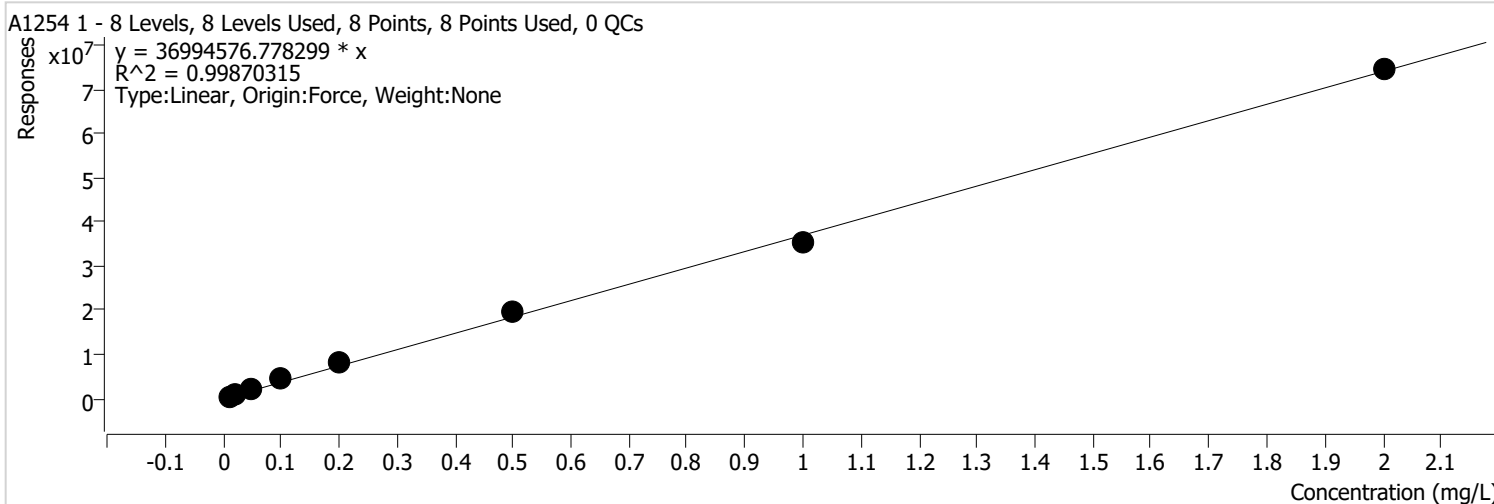


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	1453156	2.0000	726578.2 125	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	3470818	4.0000	867704.5 477	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	6955331	10.0000	695533.1 168	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	15983700	20.0000	799184.9 873	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	30416920	40.0000	760422.9 906	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	71319062	100.0000	713190.6 157	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	141716800	200.0000	708584.0 024	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	281839270	400.0000	704598.1 740	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE = 17.3



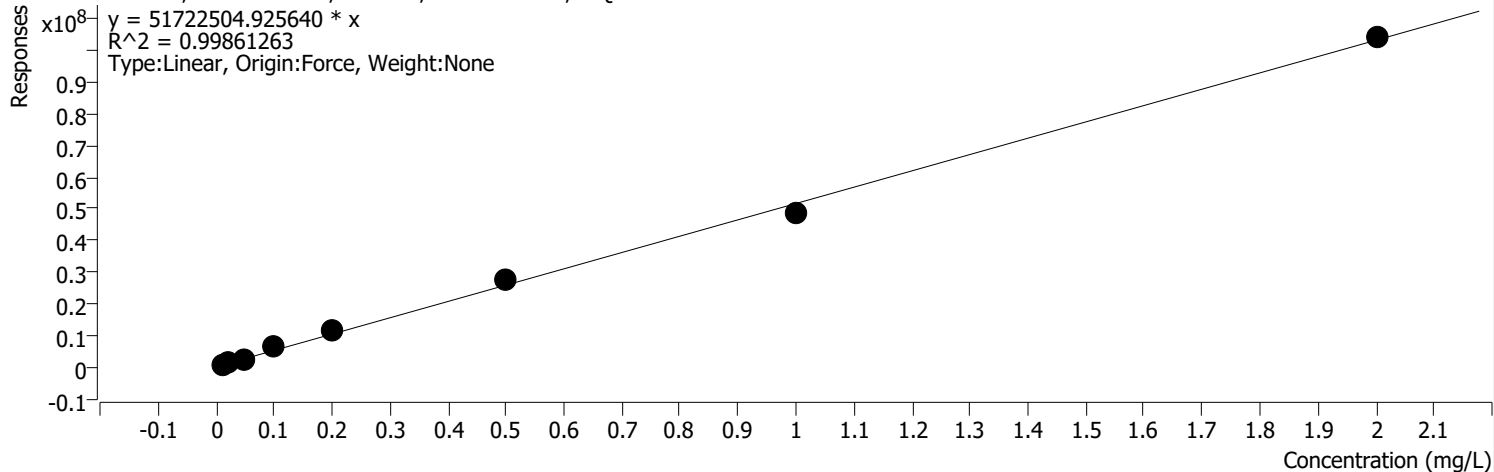
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	395855	0.0100	39585515 .2992	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	944393	0.0200	47219666 .5214	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	2057399	0.0500	41147983 .0597	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	4641418	0.1000	46414177 .6100	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	8328295	0.2000	41641475 .2047	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	19677294	0.5000	39354588 .7044	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	35378372	1.0000	35378372 .4367	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	74354852	2.0000	37177425 .9706	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 %RSE = 23.7

A1254 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



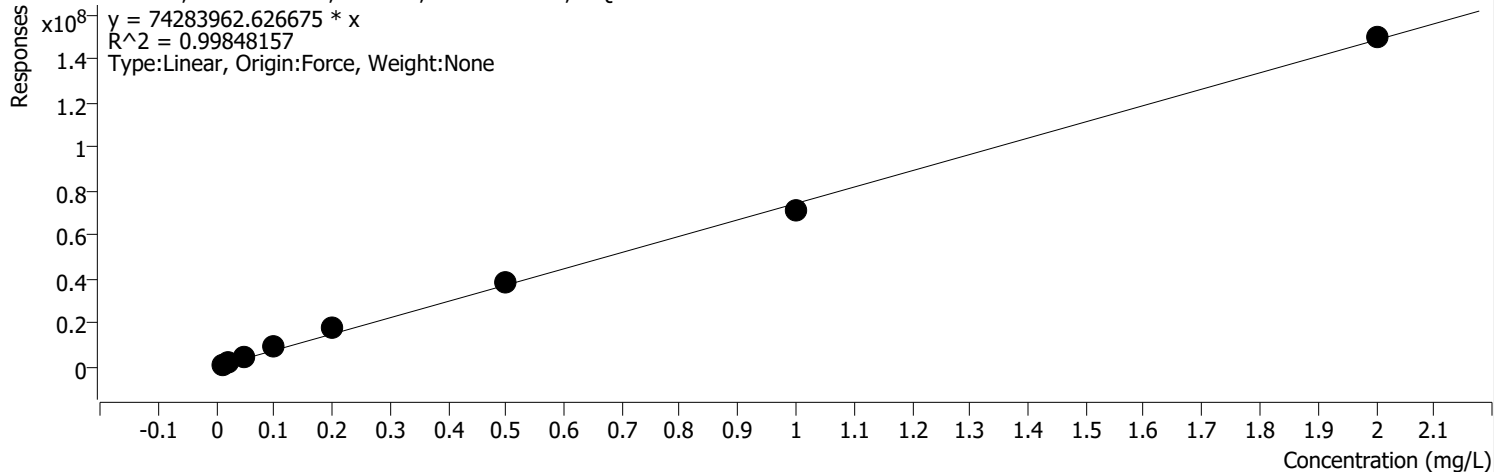
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	1367687	0.0200	68384349 .9245	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	2664818	0.0500	53296364 .1113	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	6329142	0.1000	63291424 .4759	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	11640085	0.2000	58200422 .9118	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	27312124	0.5000	54624248 .9388	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	49133781	1.0000	49133781 .3867	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	104182916	2.0000	52091458 .0906	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE = 25.3

A1254 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

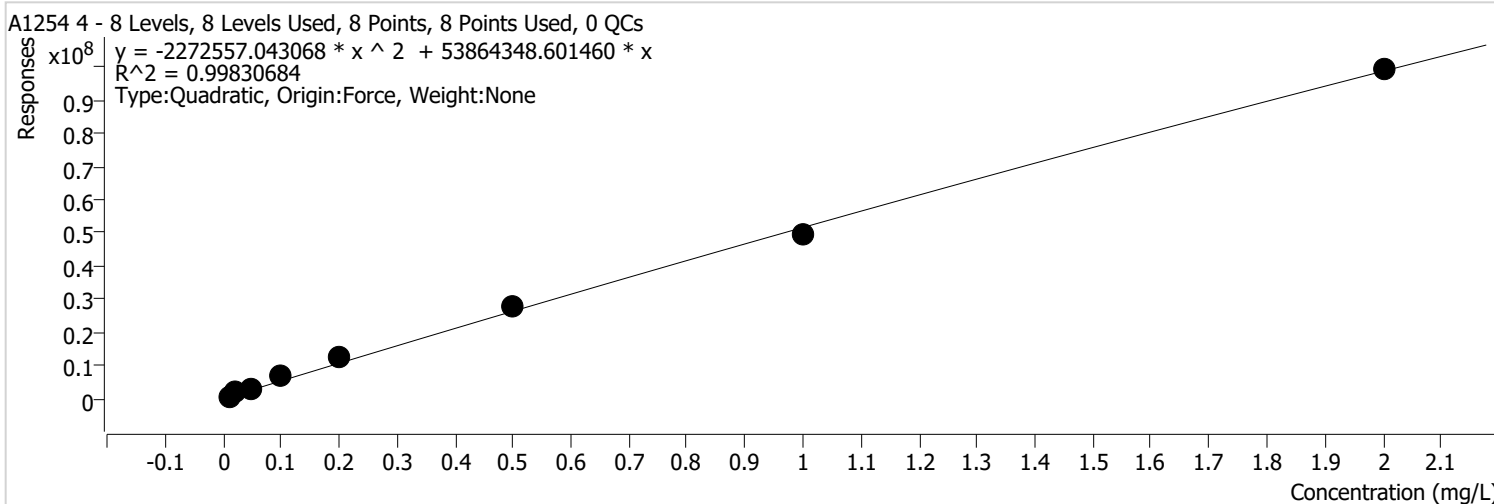


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	968244	0.0100	96824407.6425	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	2137905	0.0200	106895252.8077	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	4041302	0.0500	80826030.1402	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	9199778	0.1000	91997781.0889	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	17458680	0.2000	87293400.7929	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	38943523	0.5000	77887045.9859	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	70621068	1.0000	70621068.4727	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	149584402	2.0000	74792201.0951	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 %RSE = 52.3



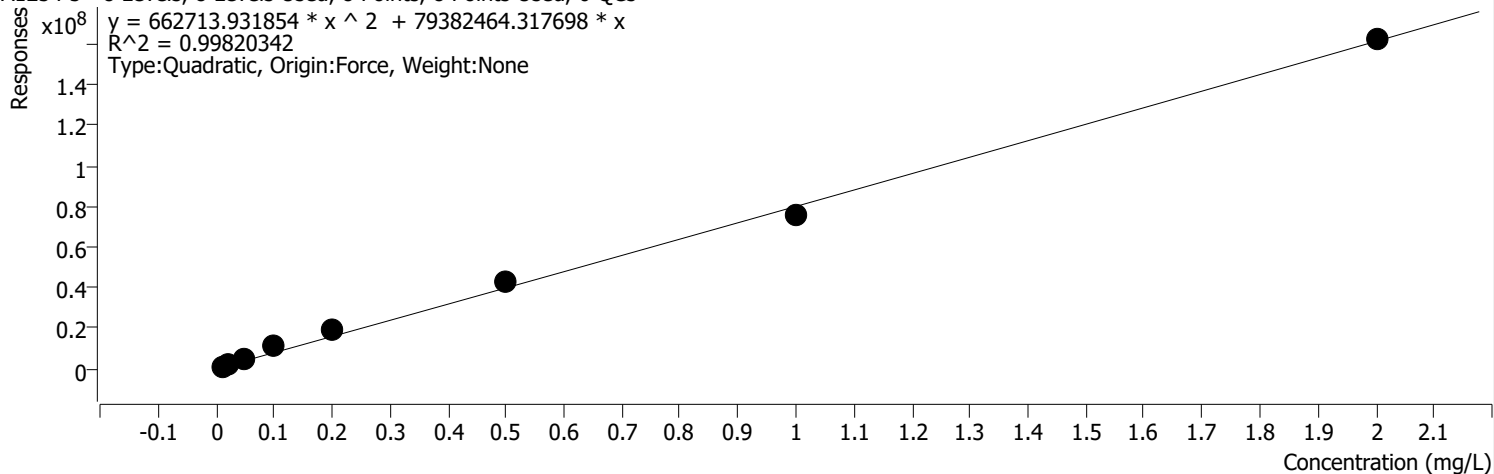
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	686096	0.0100	68609559 .3839	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	2228251	0.0200	11141256 5.2676	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	3069701	0.0500	61394028 .5651	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	6926129	0.1000	69261291 .2286	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	12565315	0.2000	62826573 .7891	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	27722398	0.5000	55444796 .4972	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	49512340	1.0000	49512340 .2188	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	99050337	2.0000	49525168 .4548	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE = 26.5

A1254 5 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

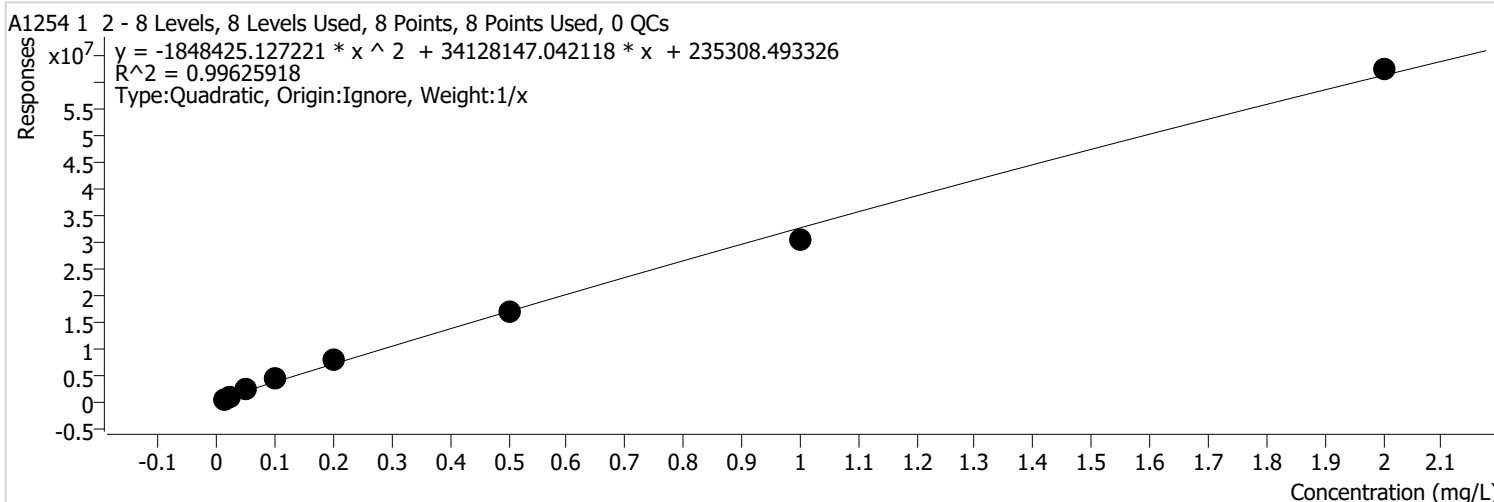


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	1020874	0.0100	10208741 9.6439	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	1993529	0.0200	99676448 .6731	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	4751353	0.0500	95027052 .3297	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	10753746	0.1000	10753746 2.2424	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	18860824	0.2000	94304119 .8496	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	42553518	0.5000	85107036 .1156	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	76327536	1.0000	76327535 .6302	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	162139523	2.0000	81069761 .2765	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 2 %RSE = 19.5

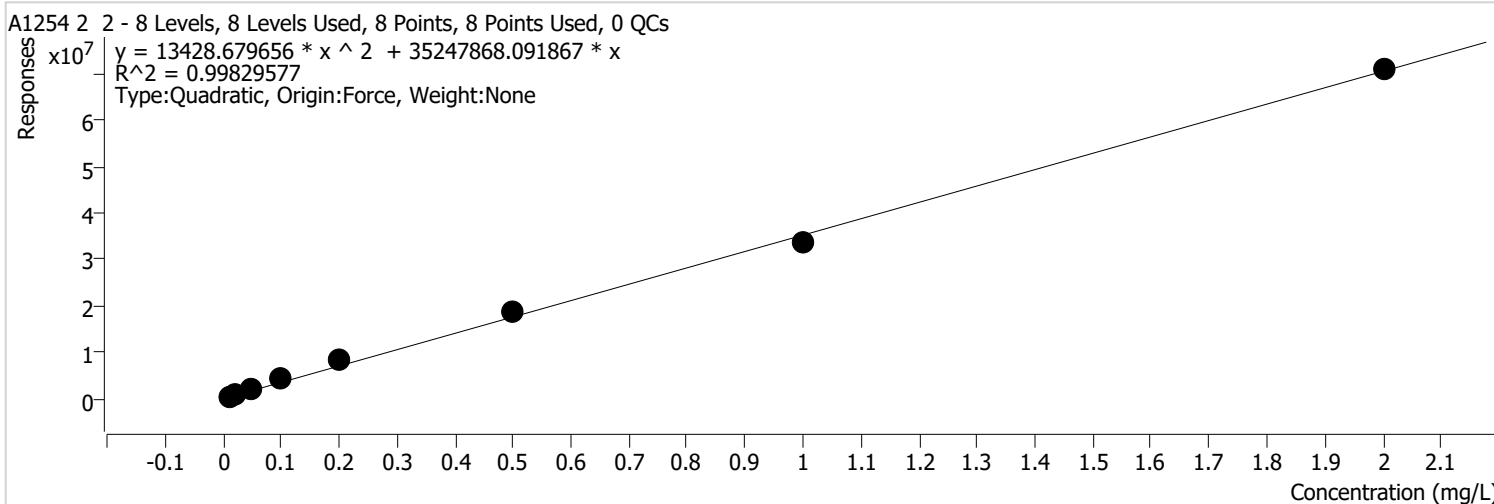


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	451635	0.0100	45163453 .5256	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	980612	0.0200	49030615 .3782	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	2054540	0.0500	41090799 .6005	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	4167153	0.1000	41671526 .9943	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	7671987	0.2000	38359936 .8127	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	16802254	0.5000	33604508 .3008	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	30206895	1.0000	30206895 .4610	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	62162404	2.0000	31081201 .7621	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 2 %RSE = 32.6

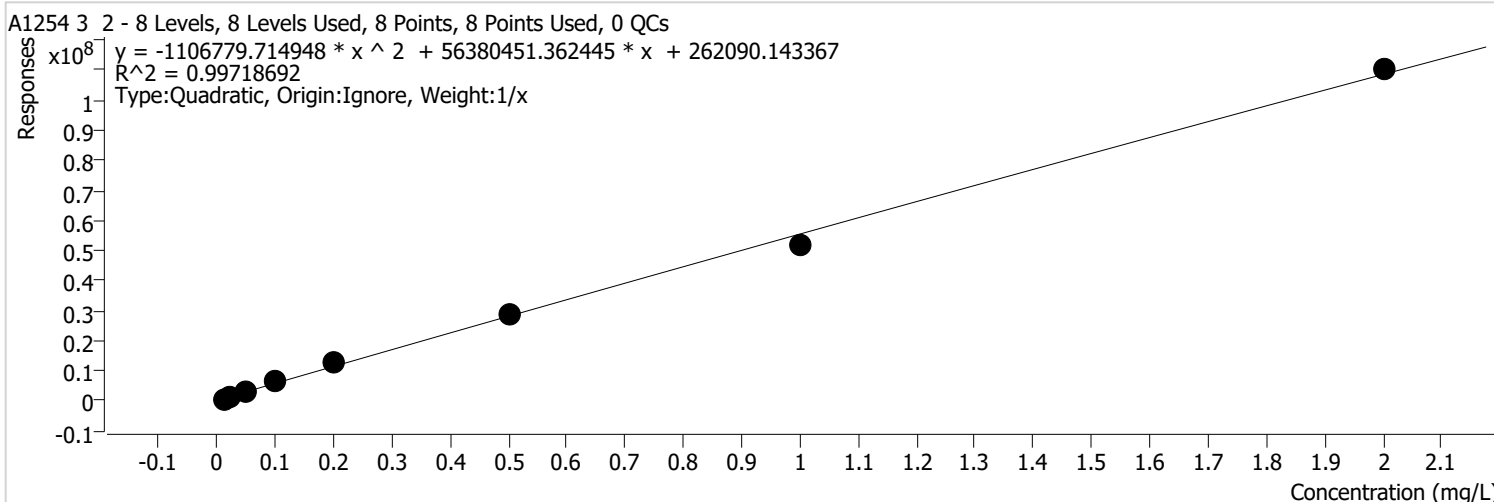


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	484954	0.0100	48495359 .5819	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	1059158	0.0200	52957882 .2088	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	1985173	0.0500	39703465 .3877	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	4492117	0.1000	44921173 .2075	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	8470833	0.2000	42354166 .5894	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	18772932	0.5000	37545863 .5221	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	33668459	1.0000	33668458 .8550	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	70859255	2.0000	35429627 .3418	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 2 %RSE = 13.0

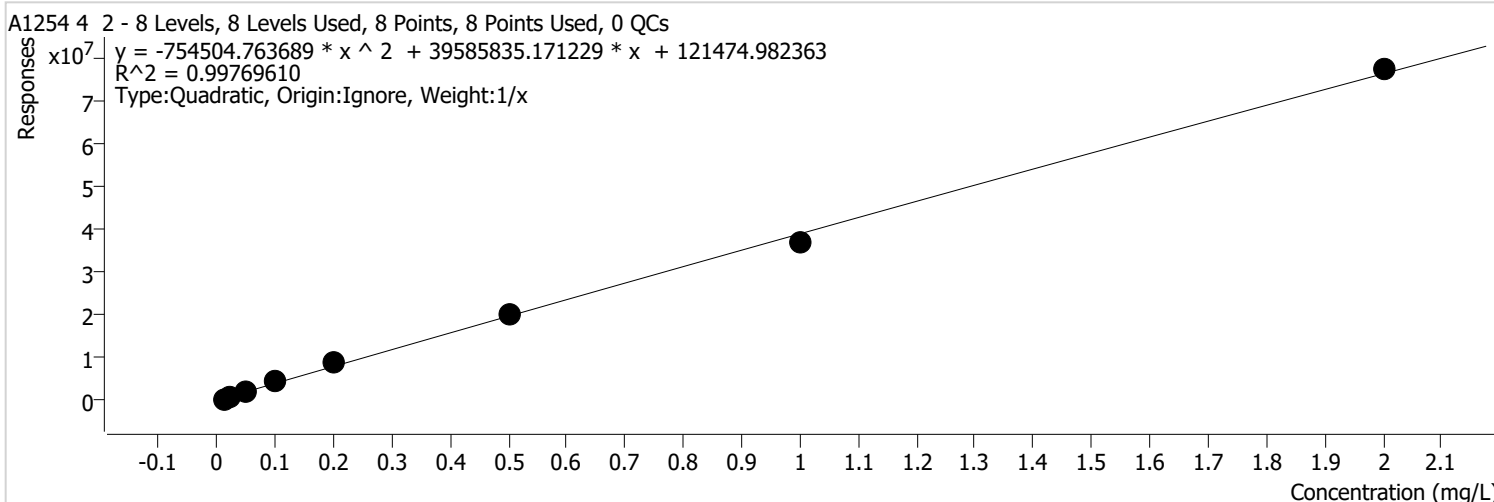


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	723400	0.0100	72339996 .2119	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	1487114	0.0200	74355714 .8858	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	2782341	0.0500	55646812 .4860	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	6610456	0.1000	66104564 .7499	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	12703123	0.2000	63515616 .9206	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	28576557	0.5000	57153114 .1770	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	51974329	1.0000	51974328 .6251	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	110126299	2.0000	55063149 .5740	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 2 %RSE = 12.5

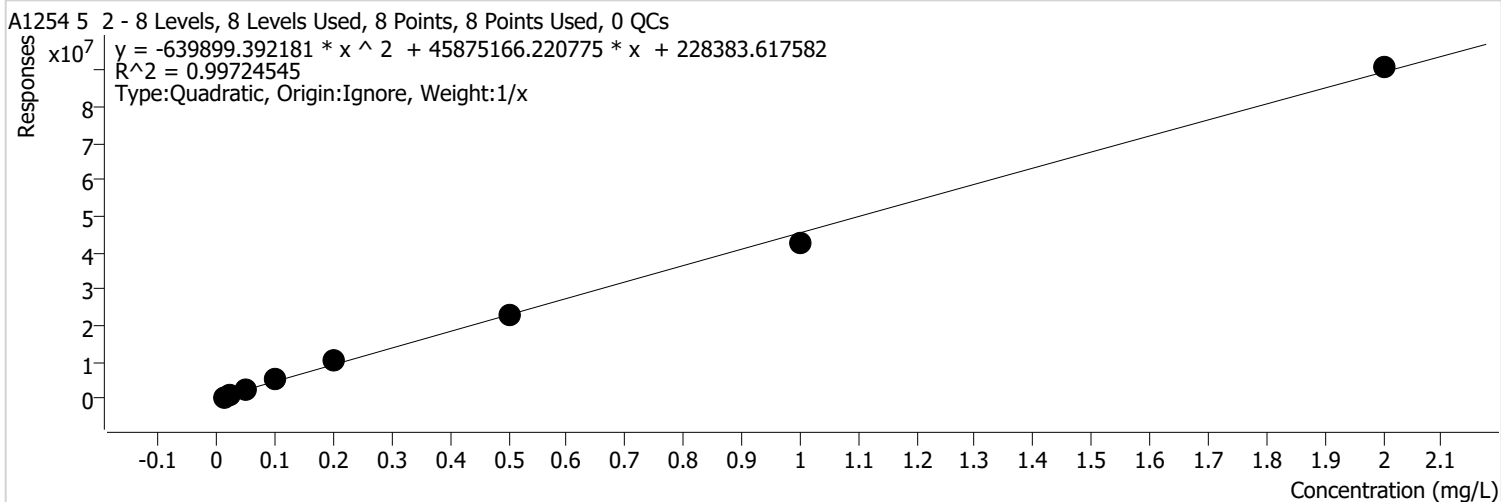


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	456167	0.0100	45616743 .7009	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	992137	0.0200	49606842 .0830	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	1842588	0.0500	36851751 .2082	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	4575383	0.1000	45753834 .9499	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	8666046	0.2000	43330229 .2589	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	20065006	0.5000	40130011 .3551	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	36769274	1.0000	36769274 .3145	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	77197100	2.0000	38598550 .1918	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin		
Analysis Time	9/30/2021 1:22 PM	Analyst Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 1:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 5 2 %RSE = 14.7



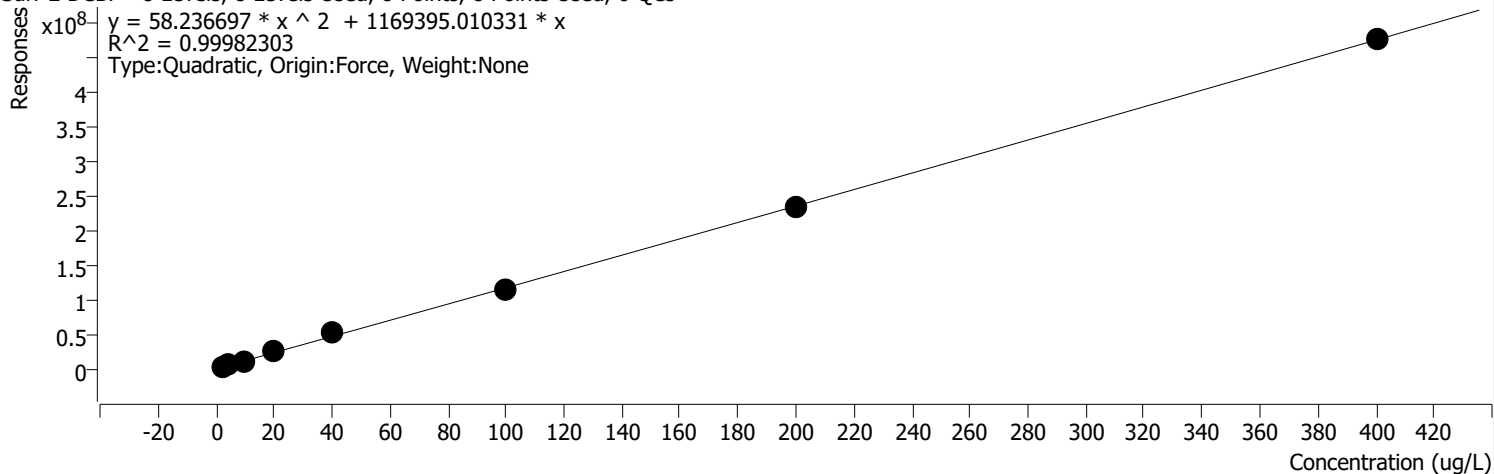
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	587780	0.0100	58778014.6034	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	1251861	0.0200	62593052.6812	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	2273246	0.0500	45464920.7455	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	5477425	0.1000	54774254.0032	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	10320059	0.2000	51600296.6787	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	23147064	0.5000	46294128.9996	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	42756438	1.0000	42756437.7267	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	90615453	2.0000	45307726.6005	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

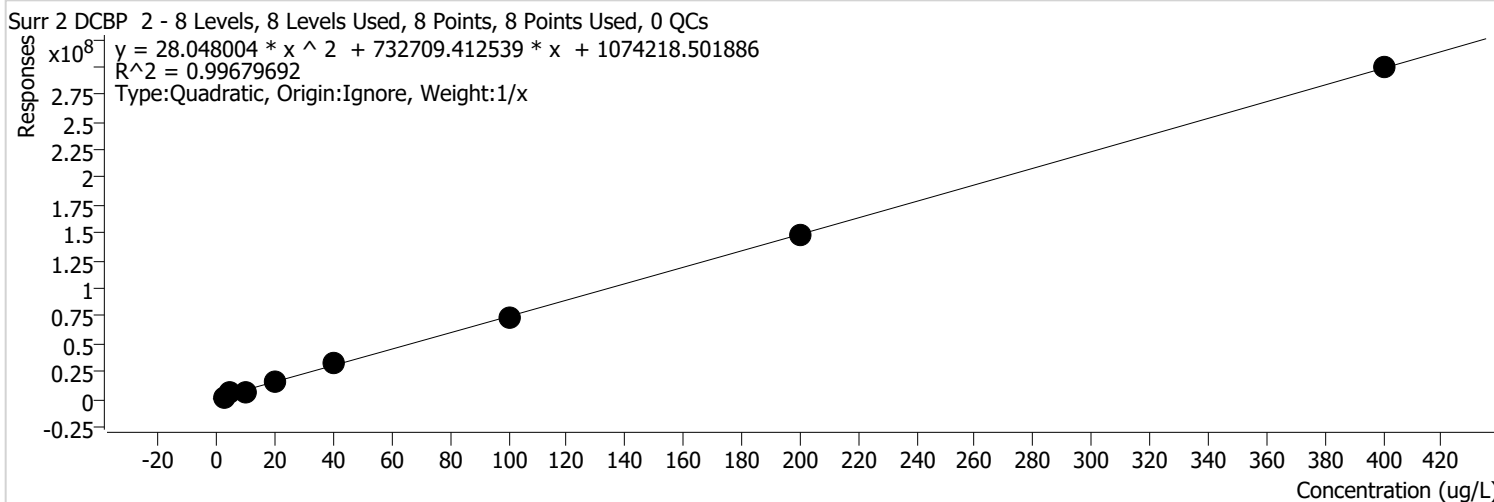


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	3183383	2.0000	1591691.4434	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	6037207	4.0000	1509301.7922	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	10717279	10.0000	1071727.9287	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	26213780	20.0000	1310688.9819	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	51148440	40.0000	1278710.9979	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	115483968	100.0000	1154839.6777	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	235688984	200.0000	1178444.9213	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	477283772	400.0000	1193209.4297	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 1:22 PM	Reporter Name	FA\gc1625
Report Time	9/30/2021 1:24:23 PM	Batch State	Processed
Last Calib Update	9/30/2021 1:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE =



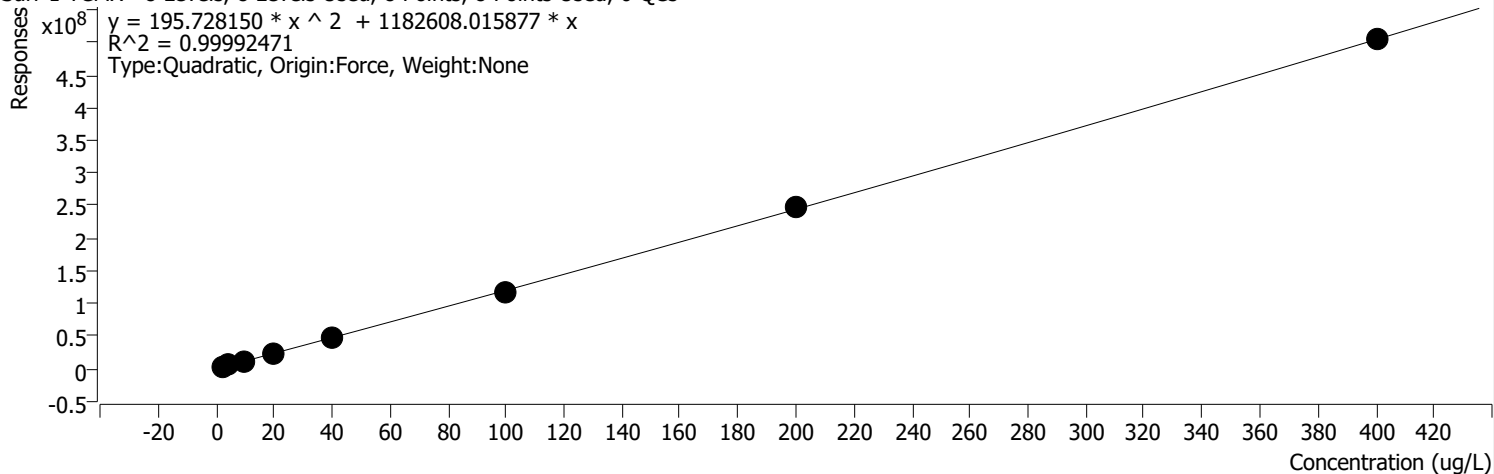
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093012.D	Calibration	1	x	2044392	2.0000	1022196.0435	
D:\GC-16\Data\2021\093021\093014.D	Calibration	2	x	5552223	4.0000	1388055.6740	
D:\GC-16\Data\2021\093021\093015.D	Calibration	3	x	6444990	10.0000	644498.9905	
D:\GC-16\Data\2021\093021\093016.D	Calibration	4	x	16188871	20.0000	809443.5344	
D:\GC-16\Data\2021\093021\093017.D	Calibration	5	x	32492648	40.0000	812316.1880	
D:\GC-16\Data\2021\093021\093018.D	Calibration	6	x	73000396	100.0000	730003.9561	
D:\GC-16\Data\2021\093021\093019.D	Calibration	7	x	148348565	200.0000	741742.8246	
D:\GC-16\Data\2021\093021\093020.D	Calibration	8	x	299053711	400.0000	747634.2781	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:30 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE = 4.5

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

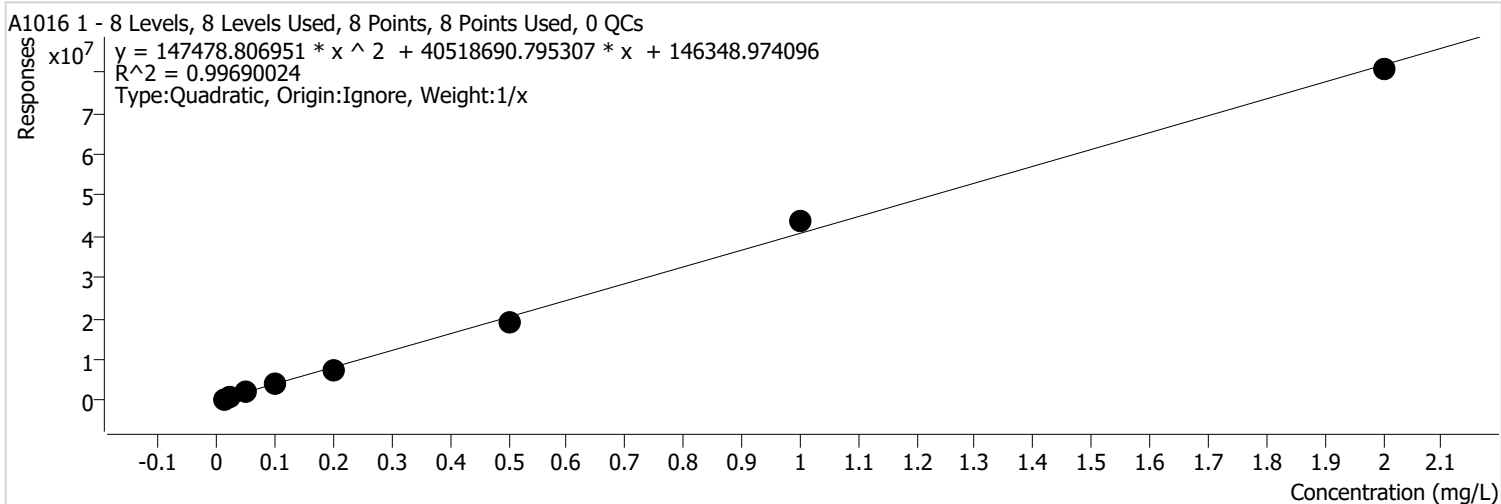


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	2474438	2.0000	1237219.1706	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	4987633	4.0000	1246908.2243	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	12384484	10.0000	1238448.4010	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	24518060	20.0000	1225902.9840	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	45851613	40.0000	1146290.3301	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	117657330	100.0000	1176573.3042	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	246692607	200.0000	1233463.0357	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	503949613	400.0000	1259874.0320	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 1 %RSE = 7.4

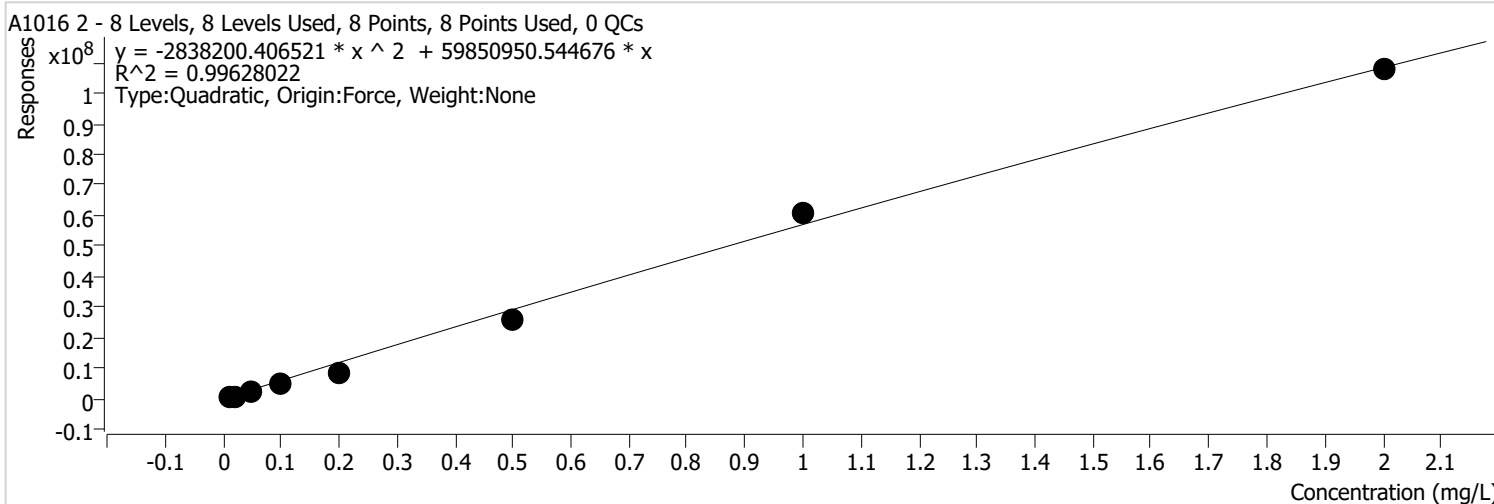


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	540249	0.0100	54024874.9832	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1015891	0.0200	50794541.9577	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2256885	0.0500	45137701.9491	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	4236470	0.1000	42364702.3382	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	7565183	0.2000	37825913.9081	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	18919821	0.5000	37839642.8154	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	44011403	1.0000	44011402.5153	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	80619491	2.0000	40309745.2835	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 %RSE = 18.4



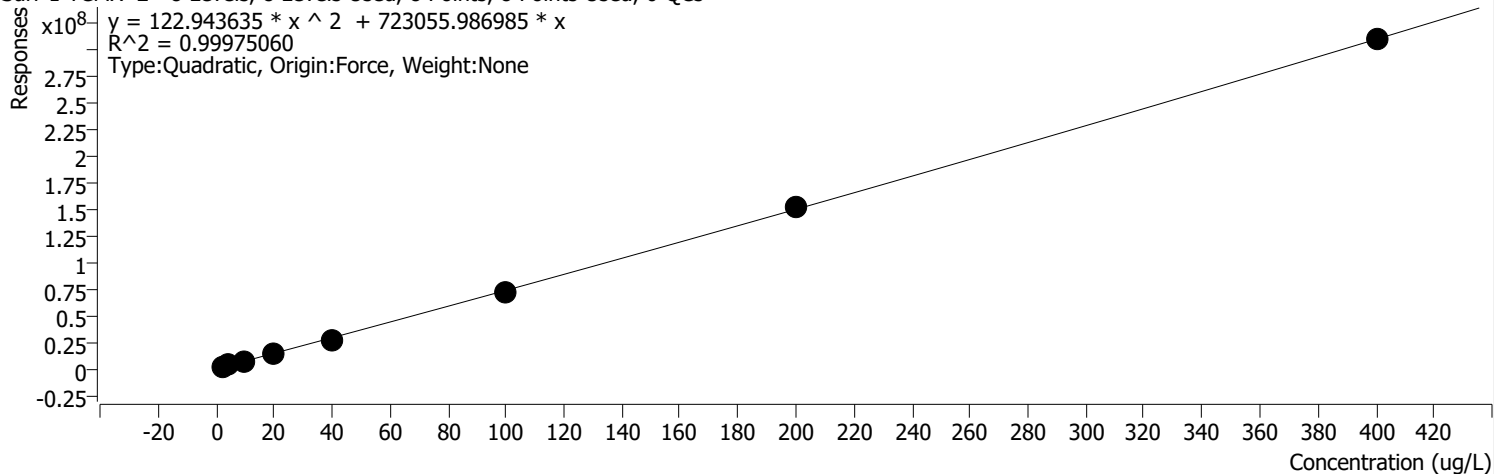
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	627978	0.0100	62797773 .7890	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1009212	0.0200	50460581 .6849	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2439382	0.0500	48787633 .7407	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	5094470	0.1000	50944700 .0329	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	8813052	0.2000	44065261 .7449	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	25705784	0.5000	51411568 .8418	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	60964923	1.0000	60964923 .3944	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	107613391	2.0000	53806695 .4342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX 2 %RSE = 4.8

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

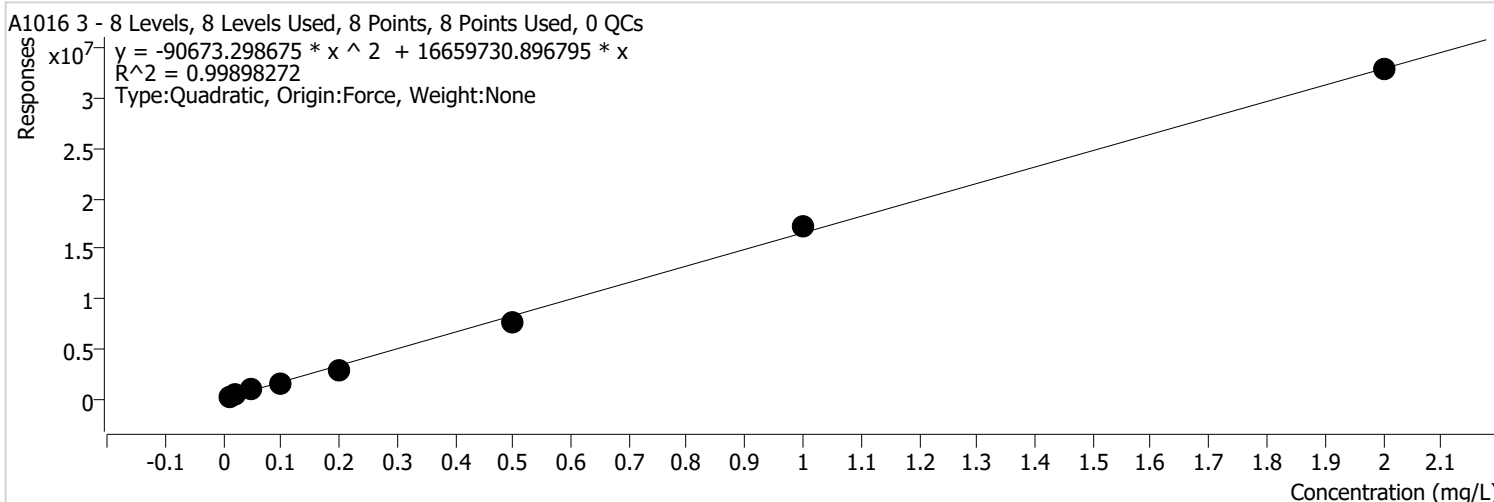


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	1503774	2.0000	751887.1 802	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	3067405	4.0000	766851.1 424	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	7327299	10.0000	732729.8 999	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	14477484	20.0000	723874.1 895	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	27169955	40.0000	679248.8 664	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	70673943	100.0000	706739.4 275	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	152366404	200.0000	761832.0 216	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	308382330	400.0000	770955.8 244	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 %RSE = 9.8



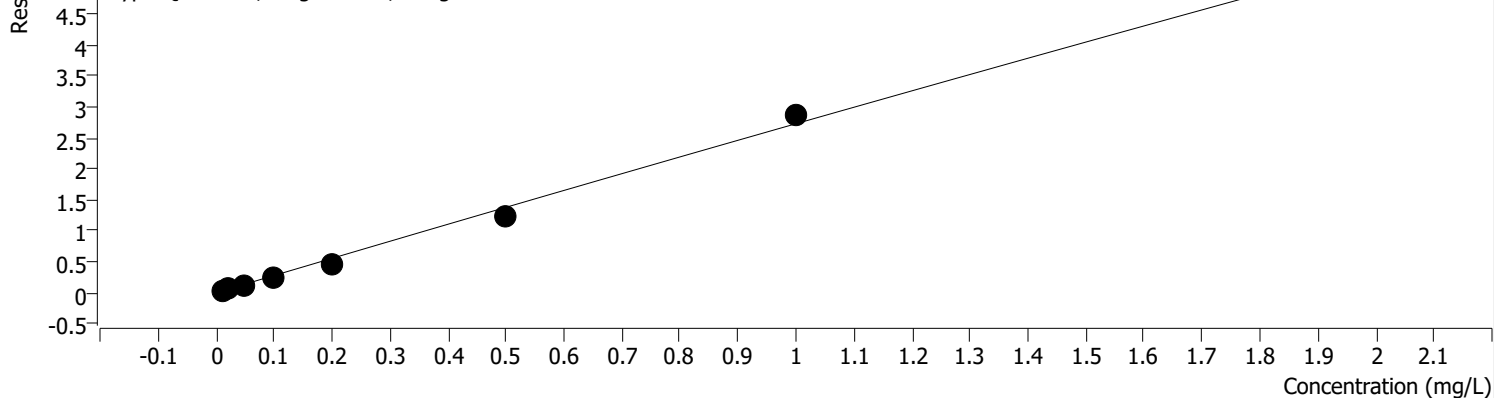
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	150518	0.0100	15051764 .4428	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	347023	0.0200	17351127 .6415	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	891972	0.0500	17839430 .6314	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	1592932	0.1000	15929318 .1107	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	2808702	0.2000	14043512 .2787	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	7760432	0.5000	15520863 .4808	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	17173897	1.0000	17173896 .8888	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	32845070	2.0000	16422535 .0625	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 %RSE = 9.8

A1016 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -614977.836996 * x^2 + 27899493.038181 * x$
 $R^2 = 0.99796716$
 Type: Quadratic, Origin: Force, Weight: None

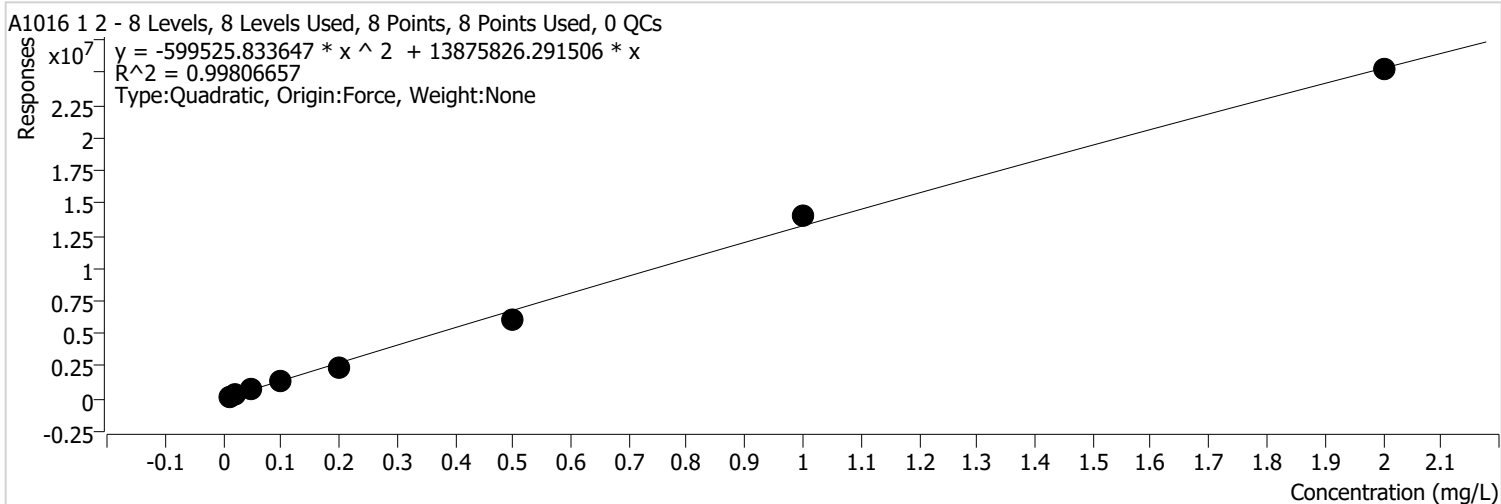


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	264805	0.0100	26480526 .0256	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	561269	0.0200	28063472 .0185	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1342581	0.0500	26851617 .8650	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	2651472	0.1000	26514719 .9651	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	4621923	0.2000	23109614 .1009	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	12370922	0.5000	24741844 .6725	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	28719583	1.0000	28719582 .8557	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	53079072	2.0000	26539535 .8344	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 2 %RSE = 12.0

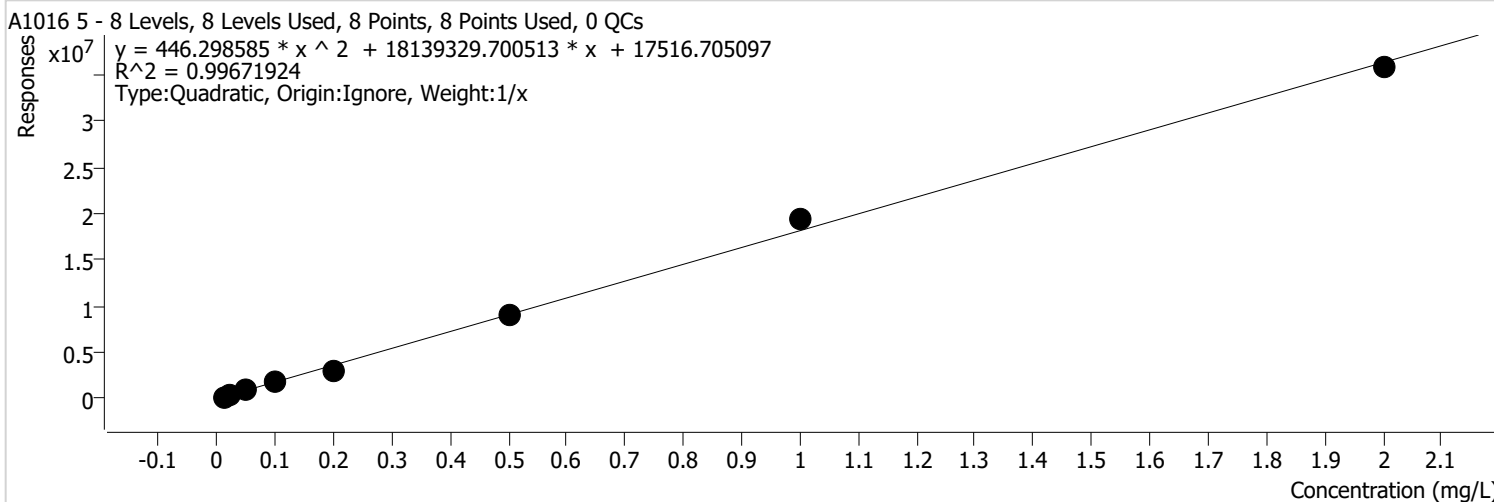


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	118129	0.0100	11812870 .0000	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	244314	0.0200	12215704 .7390	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	698533	0.0500	13970657 .9333	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	1290690	0.1000	12906899 .7625	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	2386611	0.2000	11933056 .9827	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	6093266	0.5000	12186532 .2497	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	13946998	1.0000	13946997 .5693	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	25233171	2.0000	12616585 .3501	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 5 %RSE = 11.1

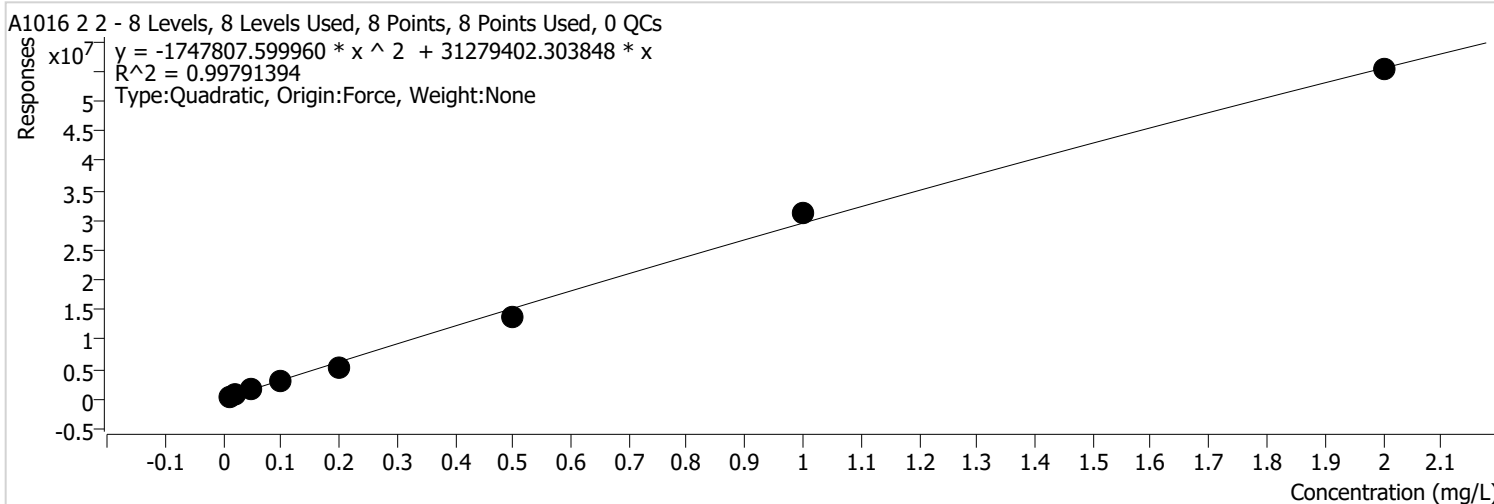


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	228423	0.0100	22842325 .0434	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	385241	0.0200	19262071 .5594	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	918195	0.0500	18363893 .8530	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	1732271	0.1000	17322706 .8867	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	3056648	0.2000	15283237 .9293	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	9003701	0.5000	18007401 .7278	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	19474641	1.0000	19474641 .2200	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	35723980	2.0000	17861989 .9337	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 2 %RSE = 14.0

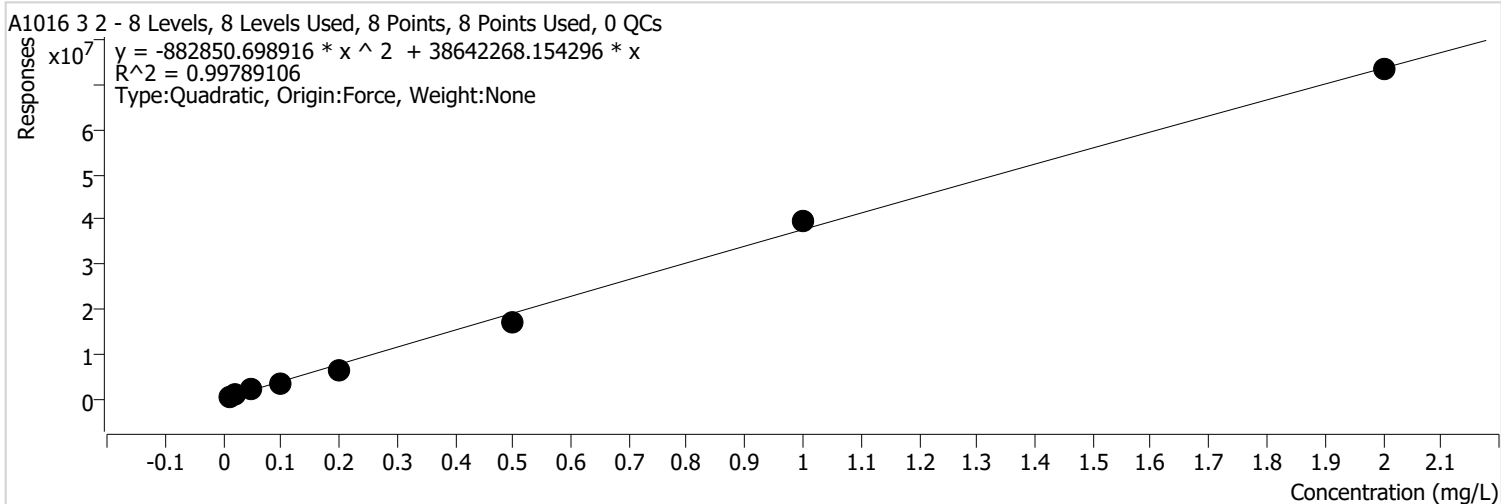


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	386077	0.0100	38607675 .4343	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	627581	0.0200	31379063 .7233	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1483941	0.0500	29678813 .0000	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	2919339	0.1000	29193390 .2500	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	5269785	0.2000	26348922 .8750	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	13662960	0.5000	27325920 .0000	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	31058385	1.0000	31058384 .5500	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	55291798	2.0000	27645899 .2000	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 3 2 %RSE = 18.0

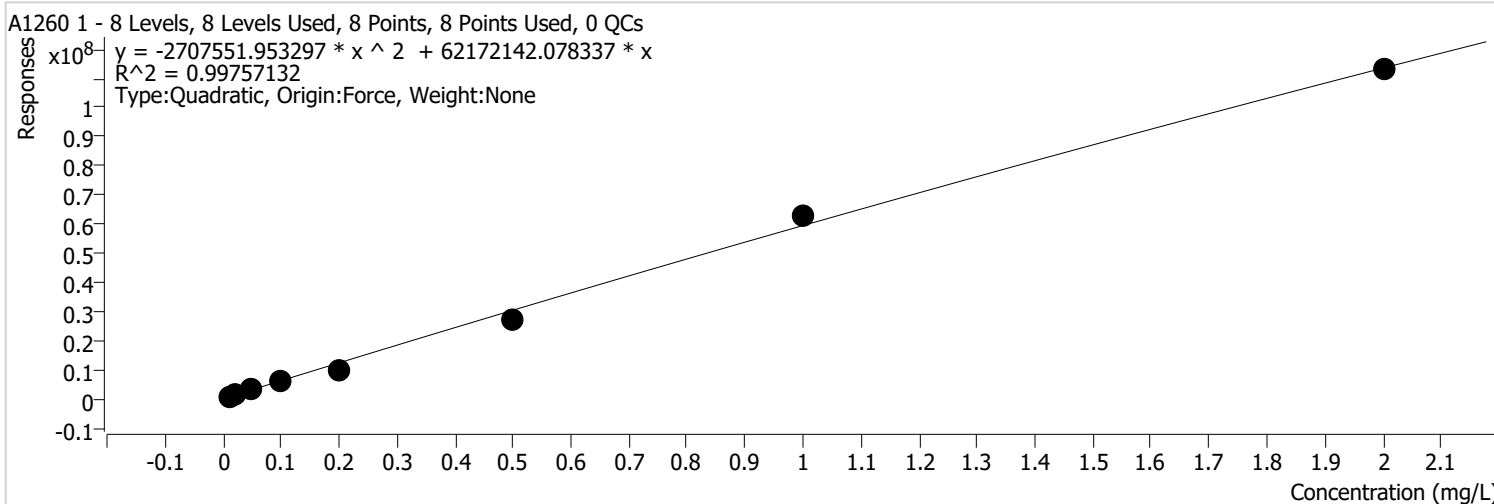


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	513215	0.0100	51321501.3373	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	851252	0.0200	42562596.9827	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1903978	0.0500	38079559.5011	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	3656426	0.1000	36564258.7508	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	6436607	0.2000	32183034.3425	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	17061022	0.5000	34122044.0001	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	39776008	1.0000	39776007.7546	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	73389516	2.0000	36694758.1582	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 %RSE = 10.9



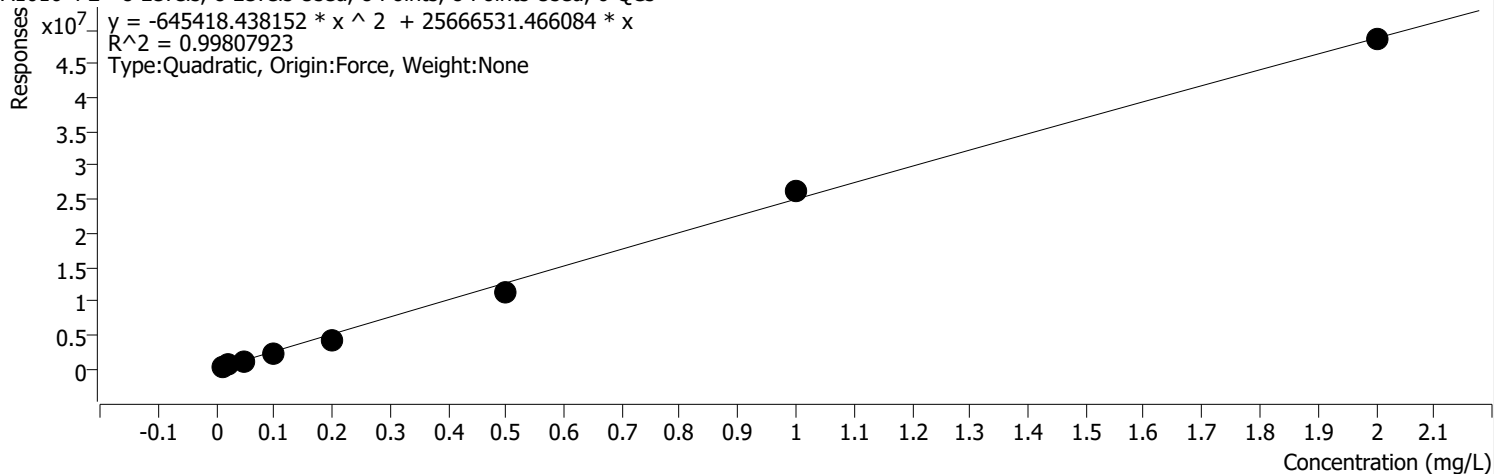
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	616855	0.0100	61685464 .6166	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1228008	0.0200	61400419 .3559	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2966130	0.0500	59322605 .6706	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	5874542	0.1000	58745416 .6504	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	9863955	0.2000	49319772 .7881	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	27258601	0.5000	54517202 .8499	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	62787763	1.0000	62787762 .9214	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	112905692	2.0000	56452845 .7869	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 2 %RSE = 12.0

A1016 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



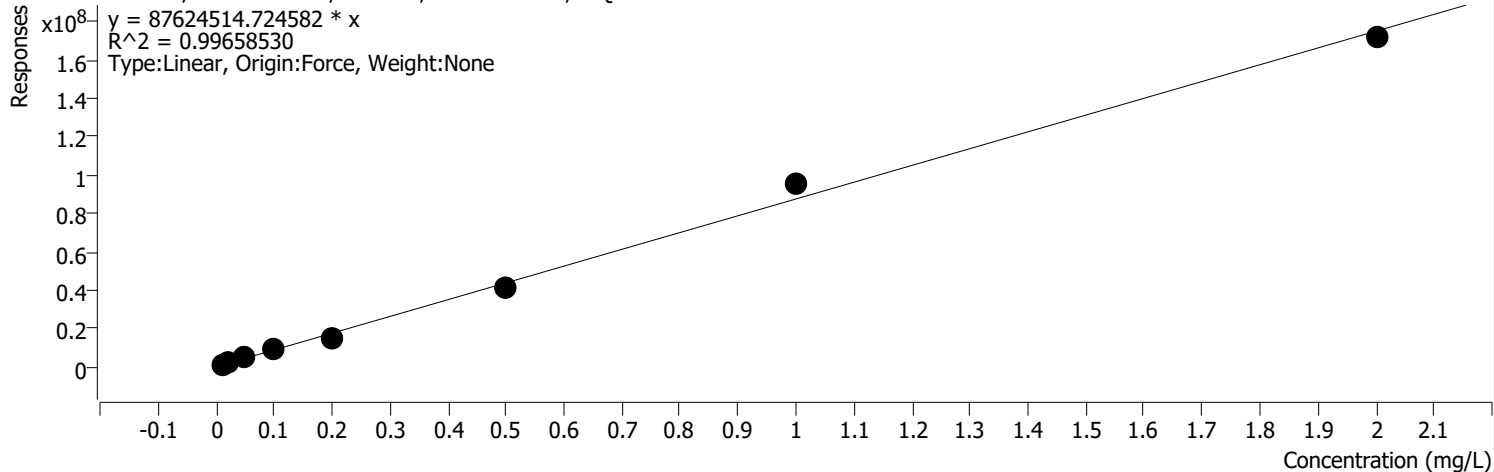
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	227079	0.0100	22707914 .1335	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	461159	0.0200	23057966 .0740	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1204375	0.0500	24087492 .4589	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	2346306	0.1000	23463058 .8477	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	4314034	0.2000	21570168 .5271	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	11406542	0.5000	22813084 .7129	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	26306607	1.0000	26306607 .1293	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	48517625	2.0000	24258812 .3796	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 %RSE = 8.8

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



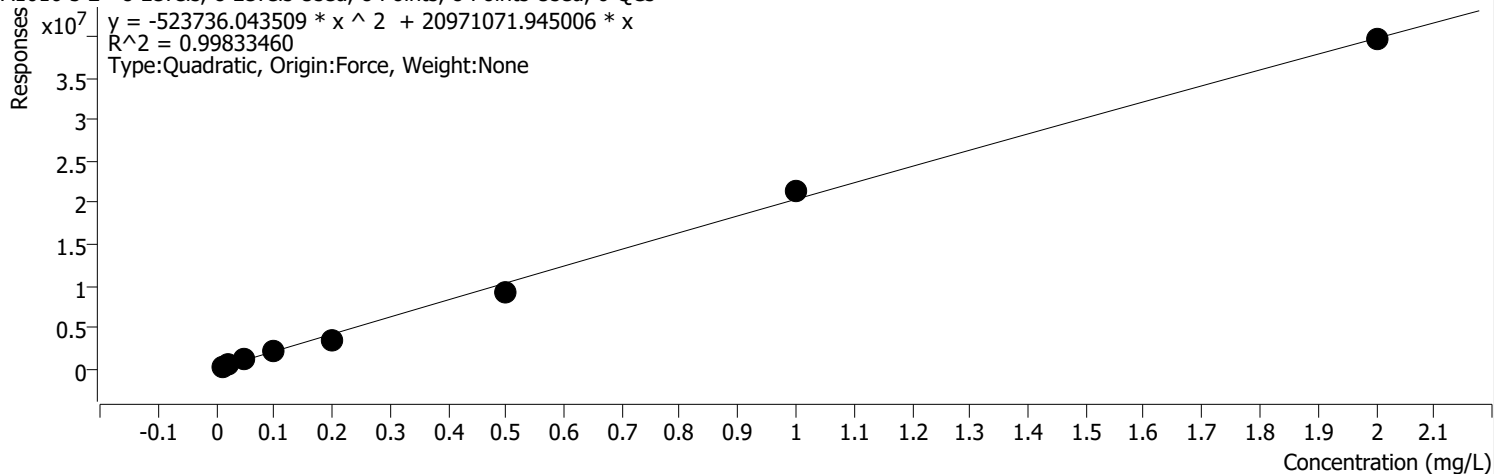
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	965094	0.0100	96509437 .2949	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1927415	0.0200	96370772 .9265	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	4578738	0.0500	91574756 .2738	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	8884910	0.1000	88849103 .4044	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	15527304	0.2000	77636521 .9623	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	41930524	0.5000	83861047 .8932	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	95966340	1.0000	95966339 .7632	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	171735056	2.0000	85867527 .9480	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 5 2 %RSE = 8.2

A1016 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



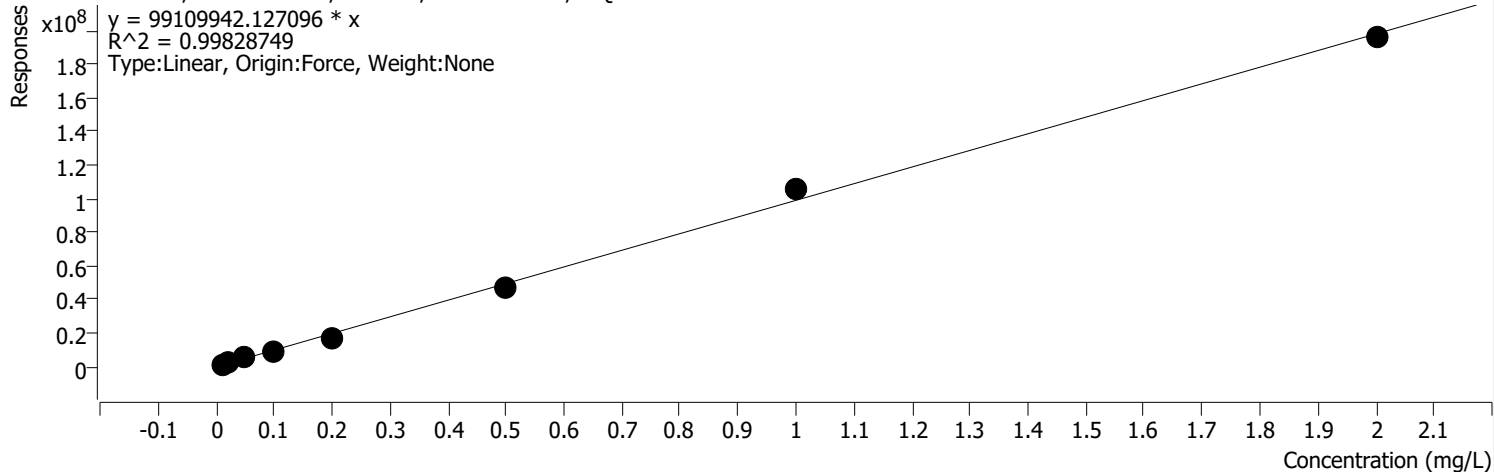
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	213435	0.0100	21343518 .4290	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	418158	0.0200	20907922 .1111	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1079679	0.0500	21593582 .7422	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	2073012	0.1000	20730121 .4273	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	3579738	0.2000	17898689 .6690	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	9357938	0.5000	18715876 .9715	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	21408890	1.0000	21408890 .3534	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	39675065	2.0000	19837532 .3619	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 %RSE = 6.4

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

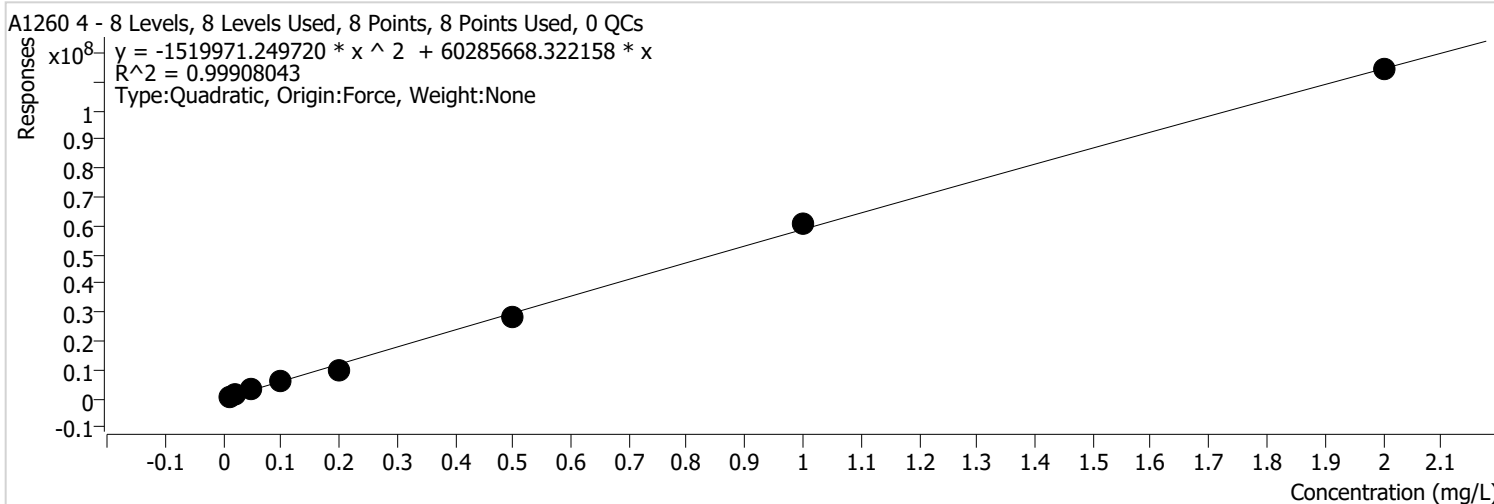


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	1006370	0.0100	10063696 4.8941	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	2025009	0.0200	10125044 5.0070	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	5089679	0.0500	10179358 5.3517	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	9682808	0.1000	96828080 .5000	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	17319134	0.2000	86595671 .7116	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	47340623	0.5000	94681245 .5228	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	105501165	1.0000	10550116 5.3579	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	195835695	2.0000	97917847 .7125	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 %RSE = 8.6

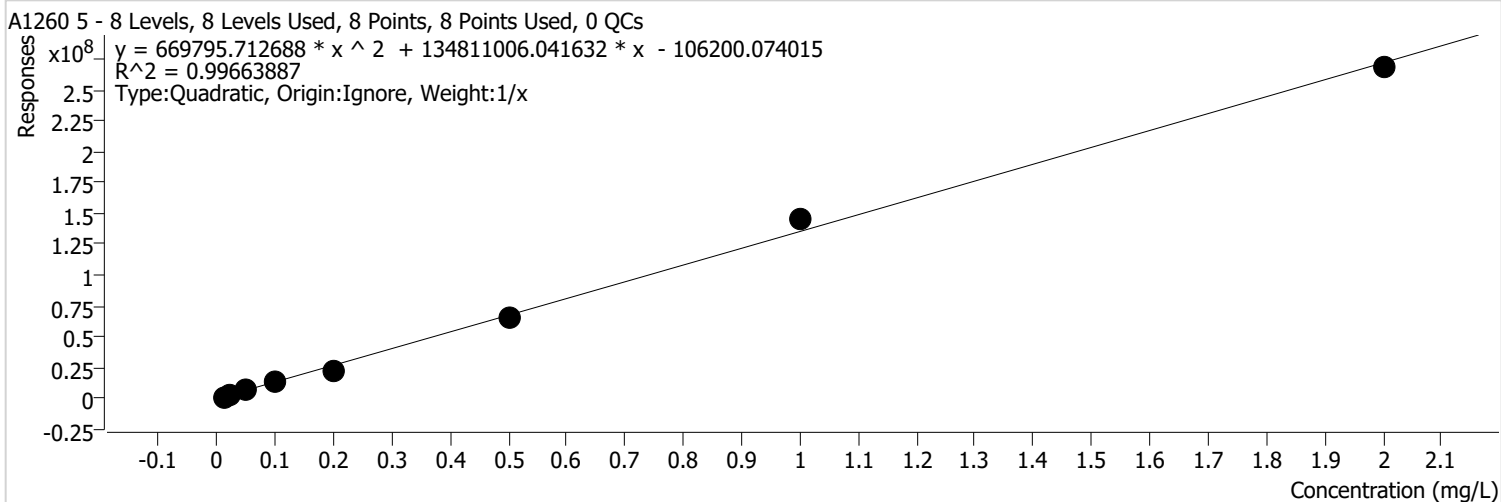


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	558458	0.0100	55845836 .2392	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1195363	0.0200	59768143 .7500	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2982536	0.0500	59650712 .0000	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	5929847	0.1000	59298469 .0000	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	10045708	0.2000	50228539 .9302	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	28118115	0.5000	56236229 .7100	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	60721328	1.0000	60721327 .6667	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	114125074	2.0000	57062537 .0097	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 5 %RSE = 9.2



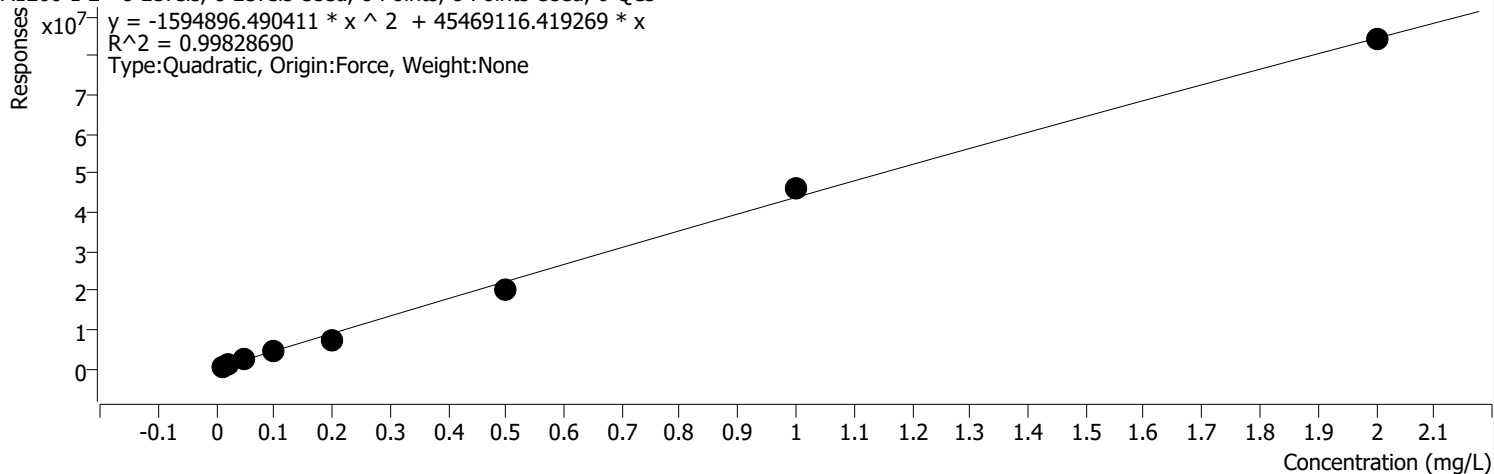
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	1257434	0.0100	12574340 8.8116	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	2859327	0.0200	14296634 8.5981	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	6668126	0.0500	13336252 4.9736	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	13609710	0.1000	13609709 6.0557	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	22640017	0.2000	11320008 5.6770	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	65007120	0.5000	13001423 9.7761	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	145641580	1.0000	14564158 0.1325	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	268085715	2.0000	13404285 7.7217	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 2 %RSE = 9.3

A1260 1 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -1594896.490411 * x^2 + 45469116.419269 * x$
 $R^2 = 0.99828690$
 Type: Quadratic, Origin: Force, Weight: None



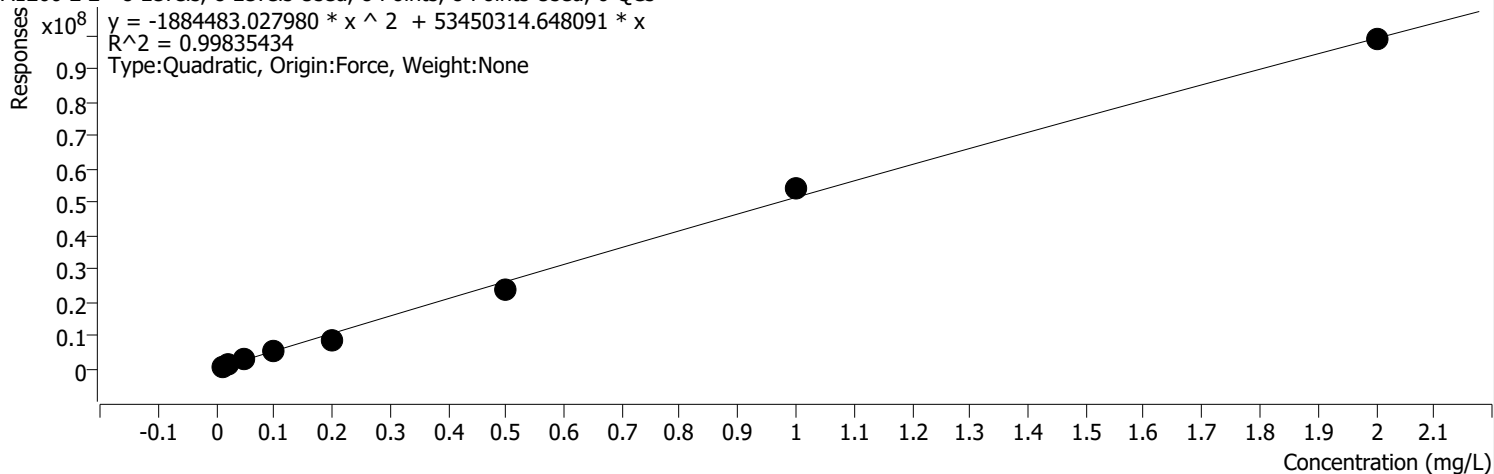
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	454898	0.0100	45489785.8995	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	962199	0.0200	48109947.6069	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2229708	0.0500	44594160.3693	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	4429510	0.1000	44295098.2366	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	7527890	0.2000	37639448.8096	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	20330660	0.5000	40661319.0826	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	45939899	1.0000	45939899.0049	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	84182845	2.0000	42091422.5107	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 2 2 %RSE = 10.8

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -1884483.027980 * x^2 + 53450314.648091 * x$
 $R^2 = 0.99835434$
 Type: Quadratic, Origin: Force, Weight: None

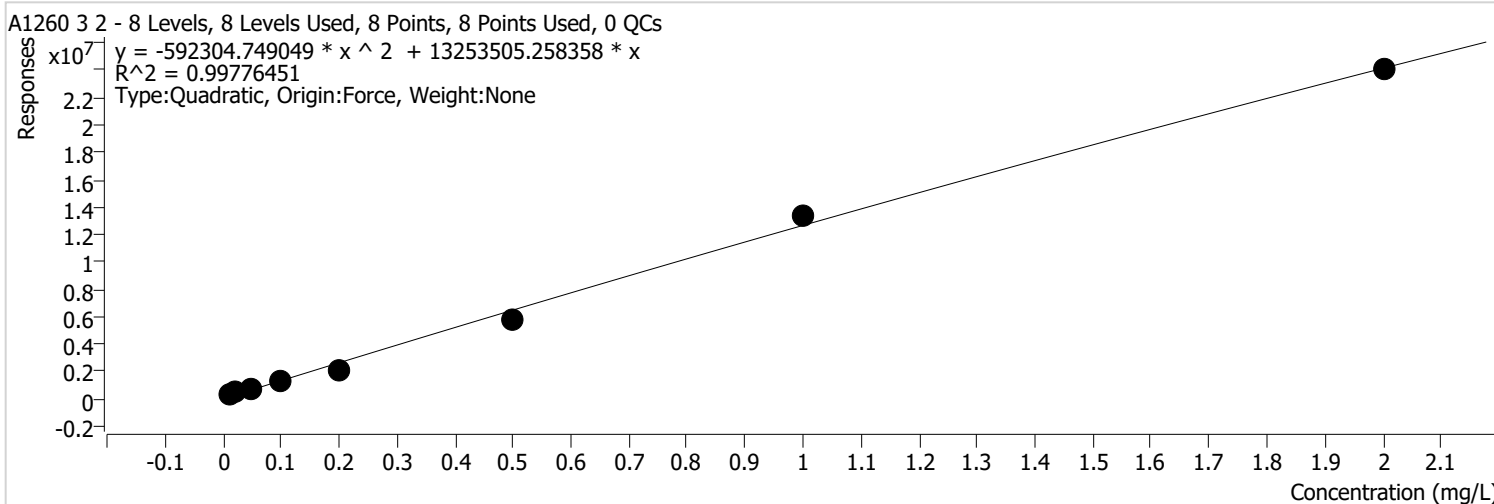


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	574088	0.0100	57408781 .4850	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	1191845	0.0200	59592268 .6636	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2696925	0.0500	53938500 .8158	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	5272622	0.1000	52726215 .2110	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	8812576	0.2000	44062878 .0157	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	23979917	0.5000	47959834 .1116	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	53921832	1.0000	53921832 .4939	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	98933953	2.0000	49466976 .4371	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 2 %RSE = 63.1



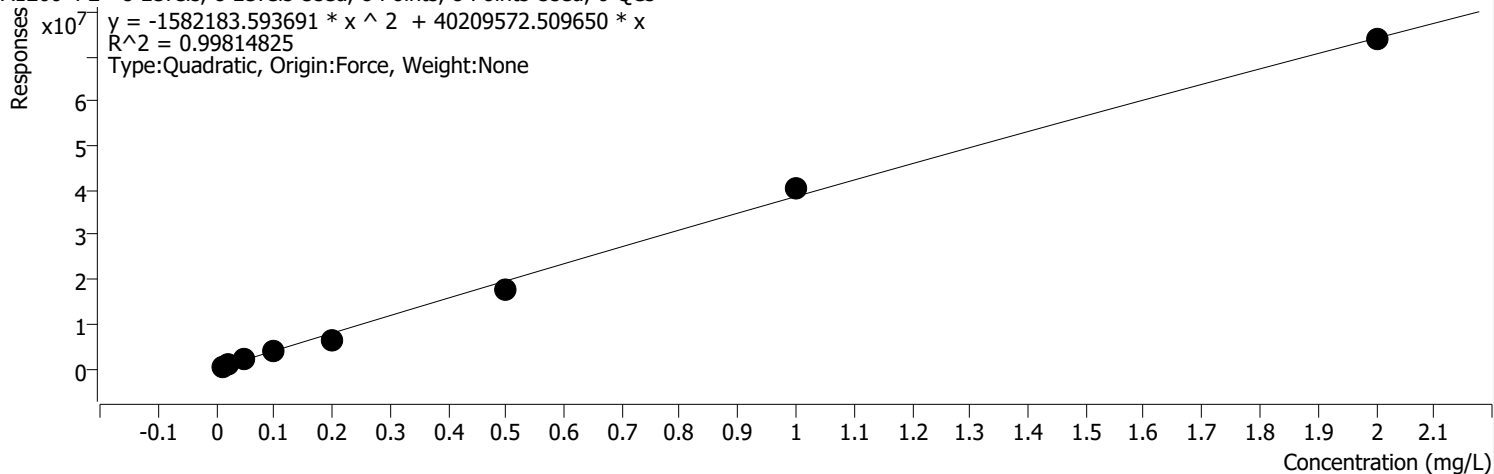
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	279268	0.0100	27926845 .2679	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	488073	0.0200	24403625 .6571	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	627223	0.0500	12544455 .7110	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	1263999	0.1000	12639986 .8594	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	2162254	0.2000	10811270 .6137	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	5839826	0.5000	11679651 .4646	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	13309733	1.0000	13309732 .5095	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	24020368	2.0000	12010184 .0239	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 4 2 %RSE = 10.0

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -1582183.593691 * x^2 + 40209572.509650 * x$
 $R^2 = 0.99814825$
 Type: Quadratic, Origin: Force, Weight: None



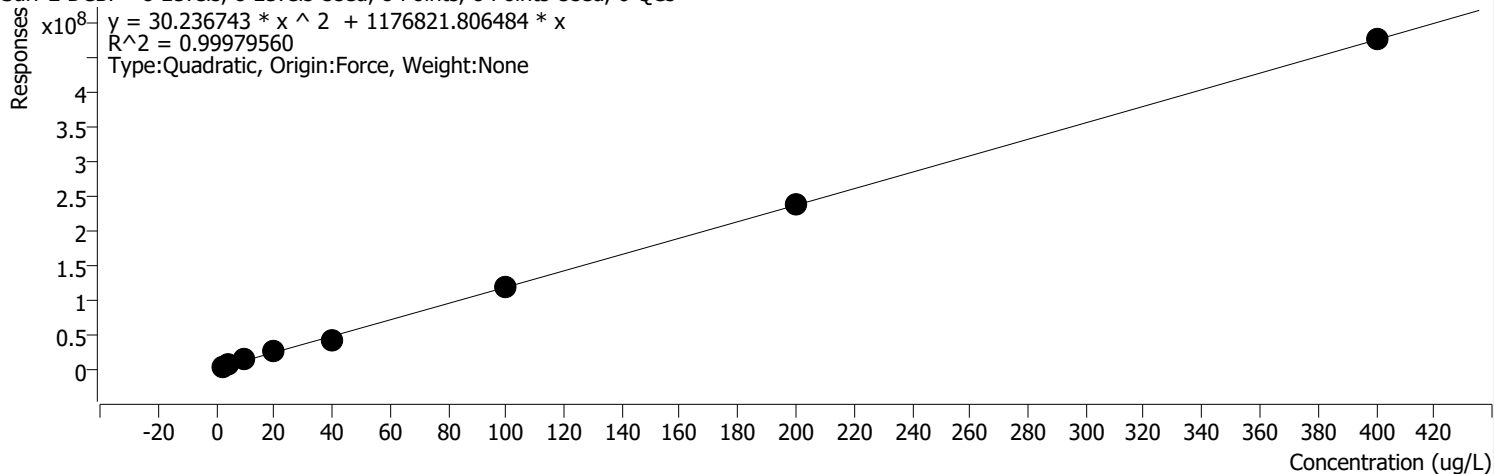
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	399874	0.0100	39987371 .3445	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	817063	0.0200	40853155 .1739	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	1956455	0.0500	39129099 .9081	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	3900081	0.1000	39000814 .0881	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	6435840	0.2000	32179198 .0000	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	17999271	0.5000	35998541 .8783	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	40489618	1.0000	40489617 .6979	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	73747447	2.0000	36873723 .5210	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP %RSE = 17.3

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



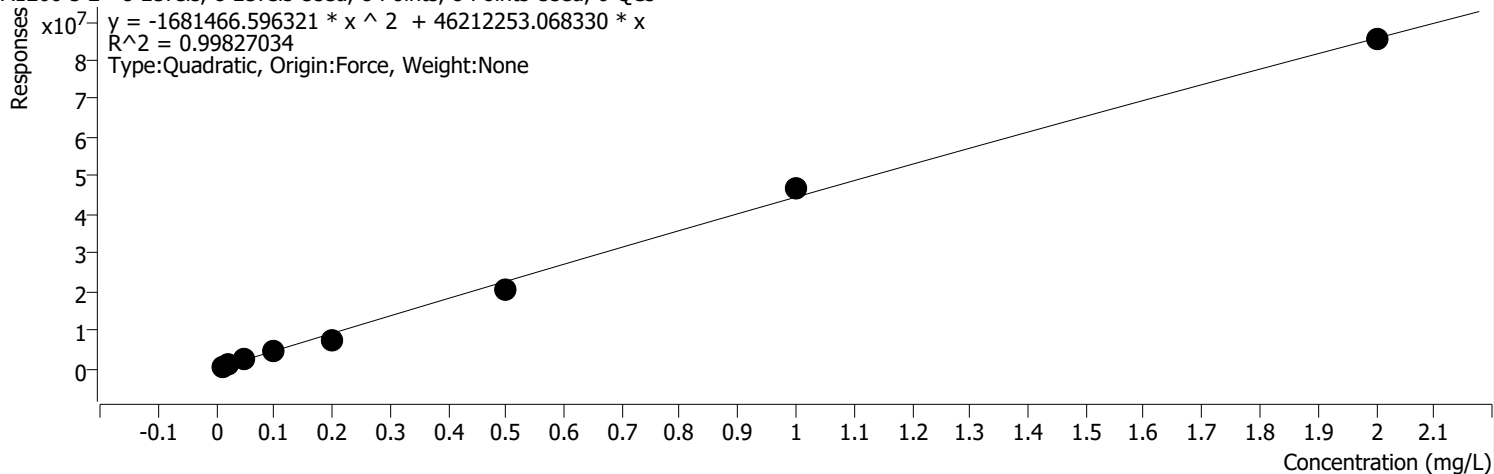
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	2835631	2.0000	1417815.4750	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	5817839	4.0000	1454459.7125	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	13631698	10.0000	1363169.7908	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	26596560	20.0000	1329827.9919	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	42559761	40.0000	1063994.0220	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	119959526	100.0000	1199595.2593	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	235920666	200.0000	1179603.3313	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	475643166	400.0000	1189107.9138	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin		
Analysis Time	9/30/2021 10:34 AM	Analyst Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Reporter Name	FA\gc1625
Last Calib Update	9/30/2021 10:34 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 5 2 %RSE = 9.4

A1260 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -1681466.596321 * x^2 + 46212253.068330 * x$
 $R^2 = 0.99827034$
 Type: Quadratic, Origin: Force, Weight: None



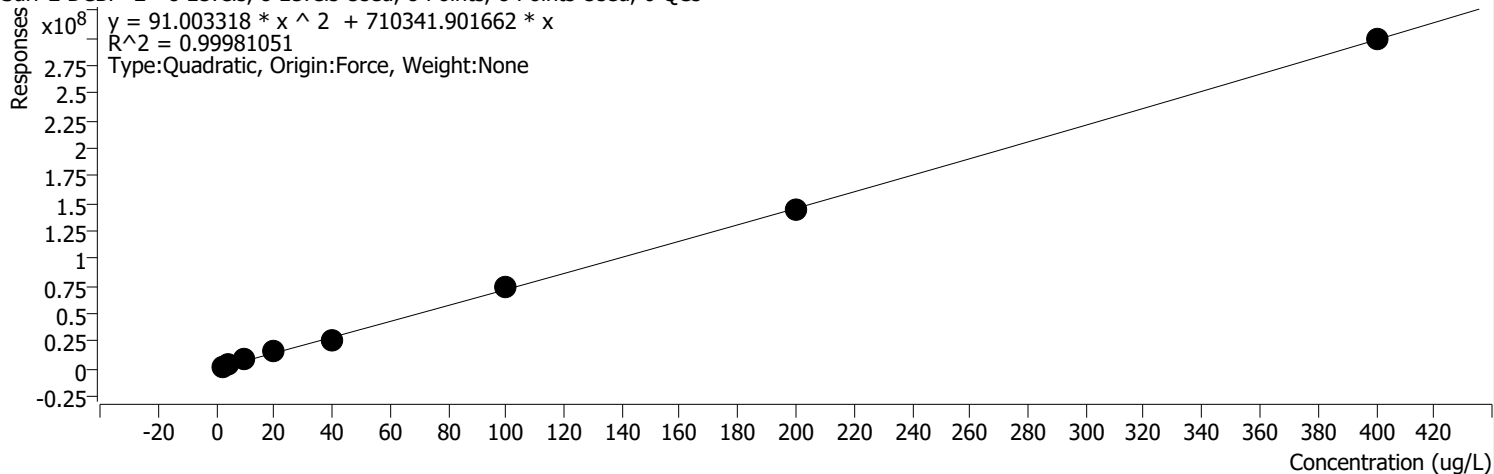
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	451222	0.0100	45122185.3248	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	939333	0.0200	46966672.7422	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	2281184	0.0500	45623673.9193	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	4526047	0.1000	45260473.1199	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	7518618	0.2000	37593090.3608	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	20721889	0.5000	41443778.3307	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	46616994	1.0000	46616994.0487	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	85316606	2.0000	42658302.9412	

Calibration Report

Batch Path	D:\GC-16\Data\2021\093021\QuantResults\1660.batch.bin	Analyst Name	FA\gc1625
Analysis Time	9/30/2021 10:34 AM	Reporter Name	FA\gc1625
Report Time	9/30/2021 10:46:31 AM	Batch State	Processed
Last Calib Update	9/30/2021 10:34 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE = 15.1

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\093021\093002.D	Calibration	1	x	1684288	2.0000	842143.9 444	
D:\GC-16\Data\2021\093021\093003.D	Calibration	2	x	3386402	4.0000	846600.5 281	
D:\GC-16\Data\2021\093021\093004.D	Calibration	3	x	8128369	10.0000	812836.8 712	
D:\GC-16\Data\2021\093021\093005.D	Calibration	4	x	15858823	20.0000	792941.1 733	
D:\GC-16\Data\2021\093021\093006.D	Calibration	5	x	25637587	40.0000	640939.6 710	
D:\GC-16\Data\2021\093021\093007.D	Calibration	6	x	73246076	100.0000	732460.7 624	
D:\GC-16\Data\2021\093021\093008.D	Calibration	7	x	145351163	200.0000	726755.8 147	
D:\GC-16\Data\2021\093021\093009.D	Calibration	8	x	298729745	400.0000	746824.3 635	

29 8/29/21

PCB Calibration

Date: 09/30/21
 Analyst: Sambearman
 Hexane: 5931

Cal		ICV	
Aroclor 1660:	<u>25029</u>	Aroclor 1660:	<u>24706</u>
Aroclor 1254:	<u>23866</u>	Aroclor 1254:	<u>24308</u>

Surrogate: 2576

Spike Conc. (ppb)	Surr Conc. (ppb)	2° Spike (uL)	1° Spike (uL)	Surr (uL)	Remove (uL)	Final Vol. (mL)	Comments
10	2	5	--	--	5	1	
20	4	10	--	--	10	1	
50	10	25	--	--	25	1	
100	20	50	--	--	50	1	
200	40	100	--	--	100	1	
500	100	250	--	--	250	1	
1000	200	--	1	1 0	2 11	1	8/29 9/30/21
2000	400	--	2	2 0	4 22	1	8/29 9/30/21
ICB	200	--	--	1 0	1 0	1	
ICV (1000 ppb)	200	--	1	1 0	2 11	1	8/29 9/30/21

	1660 (uL)	1254 (uL)	Surr (uL)	Final Volume (mL)
2° Intermediate (1660)	2	--	2	1
2° Intermediate (1254)	--	2	2	1

Signature and Date:  9/30/21

Signature: EM
 700 Building Calibration Template - PCB v1.0

DATA SET for Review -- Deliverable Requirements

Total Metals by EPA Method 6020B

Fremont Analytical Work Order No. 2111114

Shannon & Wilson

Project Name: 8801- Excavations

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information
- Tune Information

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\110921eh\

Report Date/Time: Wednesday, November 10, 2021 07:03:58

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	CAL BLK IS 23514	10:07:56 Tue	09-NBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	Standard 1	10:10:15 Tue	09-NStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	Standard 2	10:12:35 Tue	09-NStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	Standard 3	10:14:54 Tue	09-NStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	Standard 4	10:17:14 Tue	09-NStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	Standard 5	10:19:33 Tue	09-NStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	Standard 6	10:21:52 Tue	09-NStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	Standard 7	10:24:11 Tue	09-NStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	Standard 8	10:26:31 Tue	09-NStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	ICB	10:31:10 Tue	09-NQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	ICV	10:33:29 Tue	09-NQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	ICSA	11:32:32 Tue	09-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	WASH	11:34:52 Tue	09-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	WASH	11:37:12 Tue	09-NSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	2110492-001B	12:01:37 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110493-001A	12:03:57 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110494-001B	12:06:16 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110495-001B	12:08:35 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110497-001B	12:10:55 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110498-001A	12:13:14 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110499-001B	12:15:33 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110500-001A	12:17:53 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110501-001B	12:20:12 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110502-001B	12:22:31 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	CCV	12:24:51 Tue	09-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	CCB	12:27:11 Tue	09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	2111055-005B	12:30:30 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2111018-001A	12:32:49 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2111018-002A	12:35:09 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2111018-003A	12:37:28 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2111021-001B	12:39:47 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2111031-001A	12:42:07 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2111032-001A	12:44:26 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
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	CCV	12:49:05 Tue	09-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	2111032-002A	12:50:34 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	CCV	12:52:54 Tue	09-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	CCB	12:55:14 Tue	09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	CCV	13:01:49 Tue	09-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	CCV	13:06:31 Tue	09-NQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
	CCB	13:08:51 Tue	09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1109	
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	LCS-34326	13:18:20 Tue	09-NSample	C:\Users\Public\DocumLCS,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110512-001C	13:20:39 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110512-001CDUP	13:22:59 Tue	09-NSample	C:\Users\Public\DocumDUP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110512-001CMS	13:25:18 Tue	09-NSample	C:\Users\Public\DocumMS,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110512-002C	13:27:37 Tue	09-NSample	C:\Users\Public\DocumMSD,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110512-003C	13:29:56 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	
	2110512-004C	13:32:15 Tue	09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Nov2021\1109	

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CCB	13:41:34 Tue 09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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CCB	14:54:53 Tue 09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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CCB	15:08:08 Tue 09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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Standard 4	15:22:49 Tue 09-NStandard #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
Standard 5	15:25:08 Tue 09-NStandard #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
Standard 6	15:27:27 Tue 09-NStandard #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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Standard 8	15:32:06 Tue 09-NStandard #8	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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CCB	16:09:53 Tue 09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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CCB	16:39:54 Tue 09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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CCV	17:05:29 Tue 09-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
CCB	17:07:49 Tue 09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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2111130-001A	17:14:47 Tue 09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1109
2111132-001A	17:17:07 Tue 09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1109
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2111132-002A	17:21:46 Tue 09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1109
2110008-003A 50X	17:24:06 Tue 09-NSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Nov2021\1109
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MB-34340	17:28:46 Tue 09-NSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1109
LCS-34340	17:31:05 Tue 09-NSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1109
CCV	17:33:26 Tue 09-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
CCB	17:35:46 Tue 09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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2111024-009A	17:59:00 Tue 09-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1109
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CCB	18:03:40 Tue 09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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2111049-013A	18:12:58 Tue 09-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1109
2111049-015A	18:15:18 Tue 09-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1109
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2111114-002A	18:26:55 Tue 09-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1109
CCV	18:29:15 Tue 09-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
CCB	18:31:34 Tue 09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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2111114-005A	18:36:14 Tue 09-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1109

2111114-006A	18:38:33 Tue 09-NSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1109
WASH	18:40:53 Tue 09-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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MB-34259	18:45:34 Tue 09-NSample	C:\Users\Public\DocumMBLK,M-TCLP	gistix\ICPMS\DataSet\Nov2021\1109
LCS-34259	18:47:54 Tue 09-NSample	C:\Users\Public\DocumLCS,M-TCLP	gistix\ICPMS\DataSet\Nov2021\1109
2110430-001C	18:50:14 Tue 09-NSample	C:\Users\Public\DocumSAMP,M-TCLP	gistix\ICPMS\DataSet\Nov2021\1109
2110430-001CMS	18:52:34 Tue 09-NSample	C:\Users\Public\DocumMS,M-TCLP	gistix\ICPMS\DataSet\Nov2021\1109
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CCV	18:57:14 Tue 09-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
CCB	18:59:34 Tue 09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
ICV CHECK	19:01:54 Tue 09-NSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
CCV	19:04:14 Tue 09-NQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
CCB	19:06:34 Tue 09-NQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109
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DI	19:11:13 Tue 09-NQC Std #8	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1109

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\111021eh\

Report Date/Time: Friday, November 12, 2021 13:04:44

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	WASH	08:06:43 Wed	10-I-Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	WASH	08:08:52 Wed	10-I-Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	NEW 2%	08:11:00 Wed	10-I-Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	NEW 2%	08:13:08 Wed	10-I-Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	BLANK	08:15:17 Wed	10-I-Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	CAL BLK IS 23514	08:25:34 Wed	10-I-Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	Standard 1	08:27:42 Wed	10-I-Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	Standard 2	08:29:50 Wed	10-I-Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	Standard 3	08:31:58 Wed	10-I-Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	Standard 4	08:34:05 Wed	10-I-Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	Standard 5	08:36:13 Wed	10-I-Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	Standard 6	08:38:21 Wed	10-I-Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	Standard 7	08:40:29 Wed	10-I-Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
	Standard 8	08:42:37 Wed	10-I-Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
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	ICV	08:49:02 Wed	10-IQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
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	LCS-34380	08:58:34 Wed	10-I-Sample	C:\Users\Public\DocumLCS,M-200.8-DW	gistix\ICPMS\DataSet\Nov2021\1110
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	2111154-001AMS	09:04:58 Wed	10-I-Sample	C:\Users\Public\DocumMS,M-200.8-DW	gistix\ICPMS\DataSet\Nov2021\1110
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	Standard 6	10:59:16 Wed	10-I-Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
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	ICV	11:27:08 Wed	10-IQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110	
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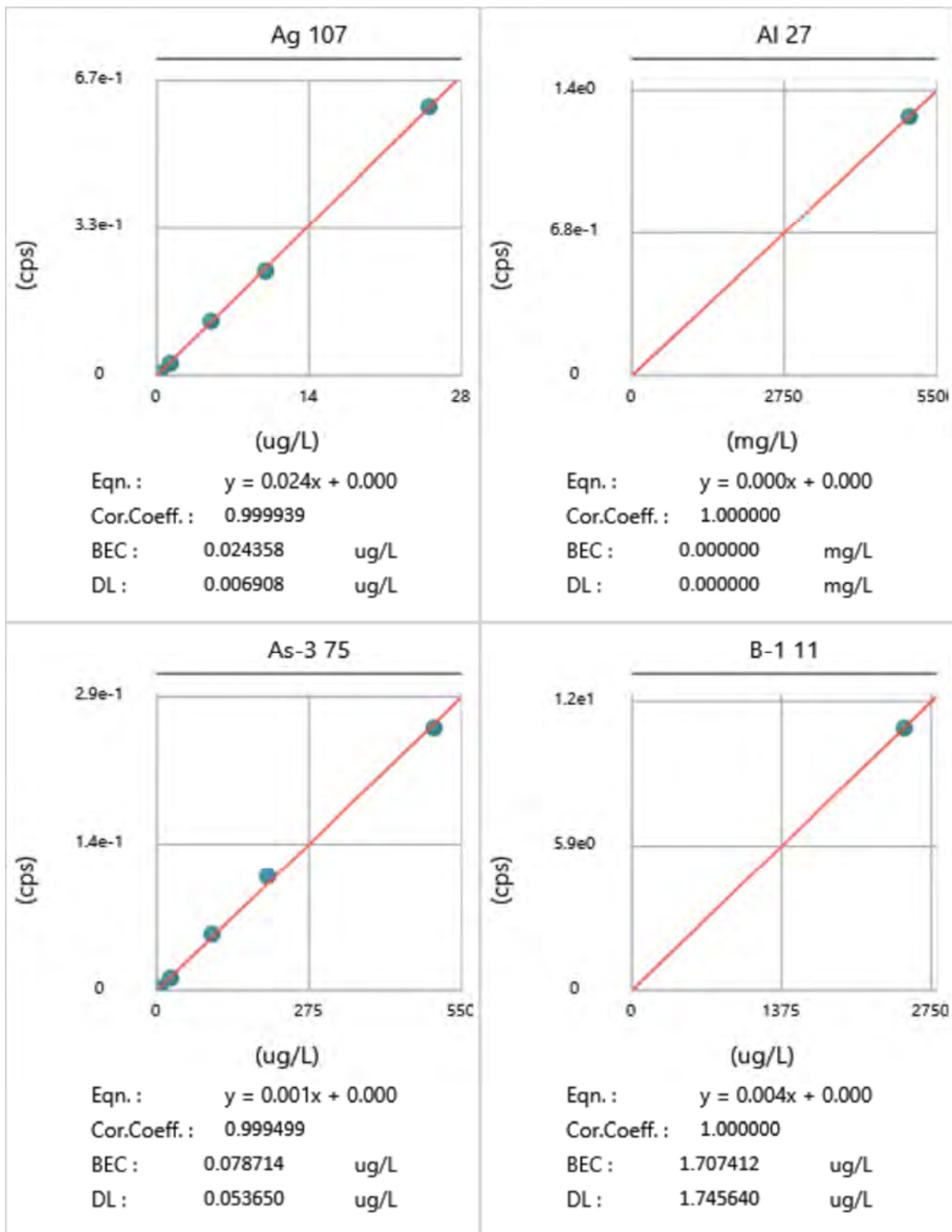
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2110367-001A 5X	12:14:16 Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-SAR-W	gistix\ICPMS\DataSet\Nov2021\1110
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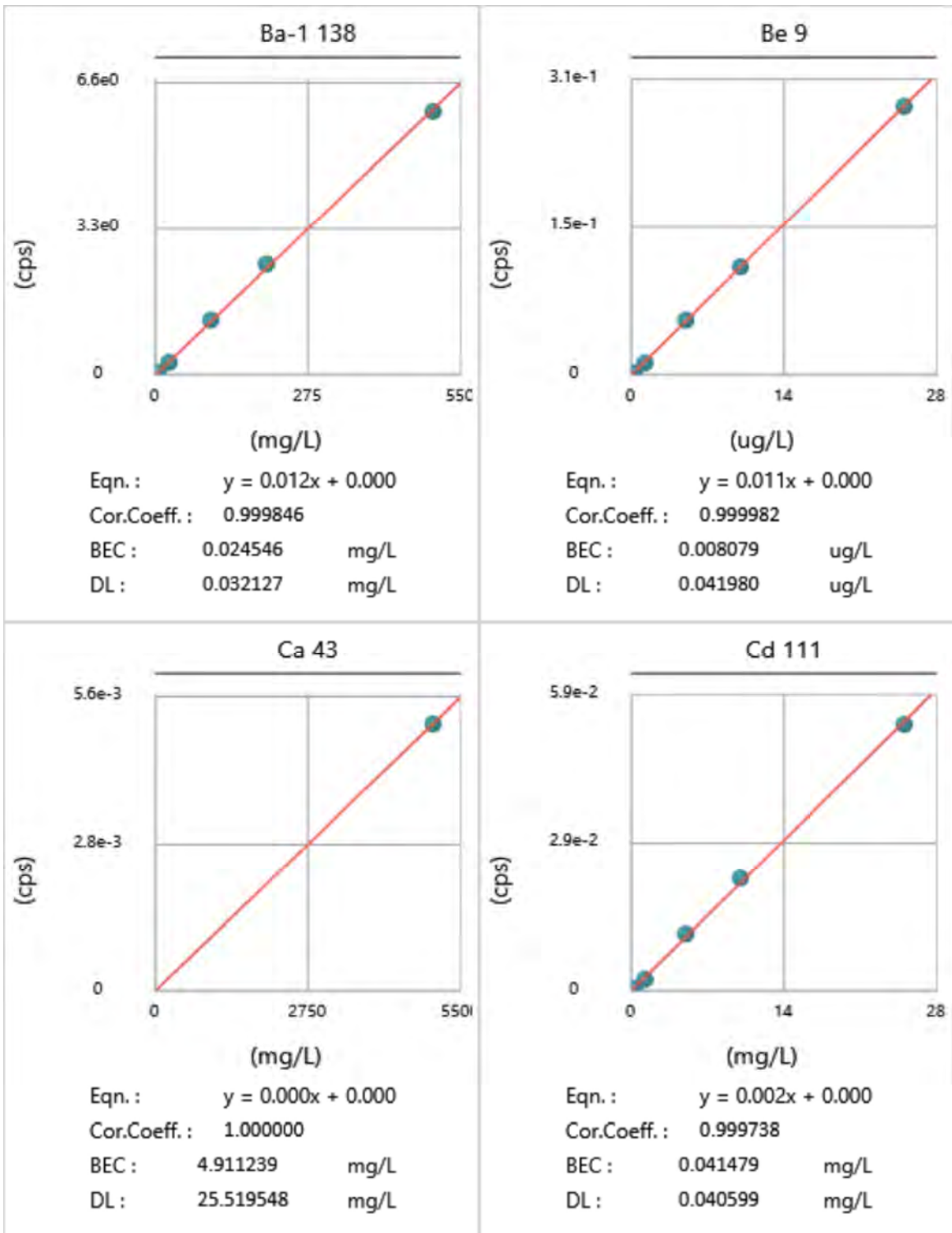
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CCB	20:04:44	Wed 10-I	QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1110
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MB-34347	20:32:34	Wed 10-I	Sample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
LCS-34347	20:38:07	Wed 10-I	Sample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111084-010A	20:43:40	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111084-010ADIL	20:49:14	Wed 10-I	Sample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111084-010AMS	20:54:48	Wed 10-I	Sample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111084-010AMSD	21:00:21	Wed 10-I	Sample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
CCV	21:05:56	Wed 10-I	QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1110
CCB	21:11:31	Wed 10-I	QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1110
2111084-010APDS	21:17:05	Wed 10-I	Sample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111049-021A	21:22:39	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111049-023A	21:28:12	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111049-025A	21:33:46	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111049-027A	21:39:19	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111049-029A	21:44:52	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111049-031A	21:50:26	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111084-020A	21:55:59	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111084-025A	22:01:33	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111084-029A	22:07:06	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
CCV	22:12:42	Wed 10-I	QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1110
CCB	22:18:16	Wed 10-I	QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Nov2021\1110
2111084-035A	22:23:51	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111096-001A	22:29:24	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111124-001A	22:34:58	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111124-002A	22:40:31	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111124-003A	22:46:04	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111124-004A	22:51:38	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111124-005A	22:57:11	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111124-006A	23:02:44	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110
2111124-007A	23:08:18	Wed 10-I	Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Nov2021\1110

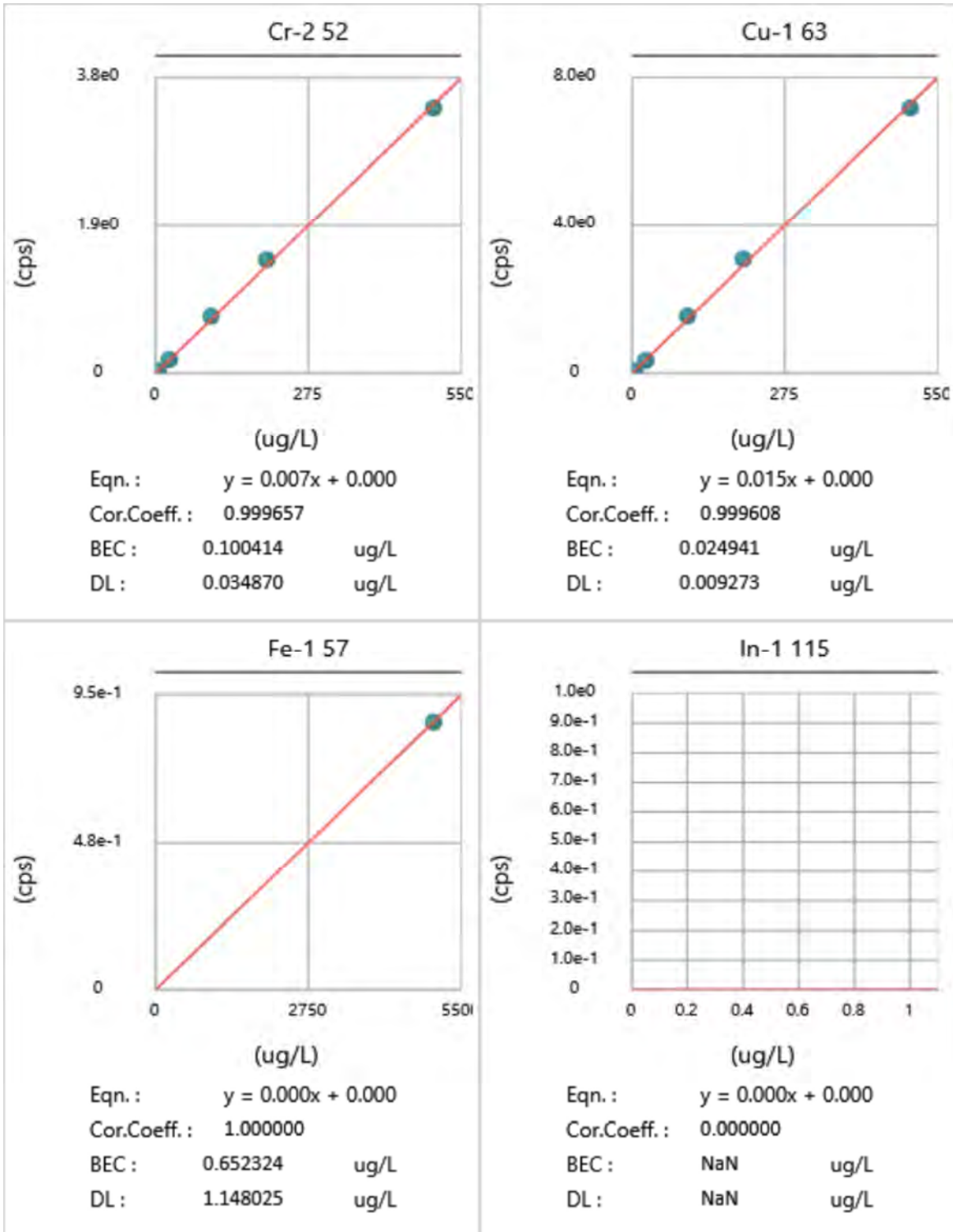
2111124-008A	23:13:51 Wed 10-1Sample	C:\Users\Public\DocumSAMP,M-6020-S _ gistix\ICPMS\DataSet\Nov2021\1110
CCV	23:19:26 Wed 10-IQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110
CCB	23:25:01 Wed 10-IQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110
ICSA	23:30:36 Wed 10-1Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110
CCV	23:36:11 Wed 10-IQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110
CCB	23:41:46 Wed 10-IQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110
2%	23:47:20 Wed 10-IQC Std #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110
DI	23:52:55 Wed 10-IQC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Nov2021\1110

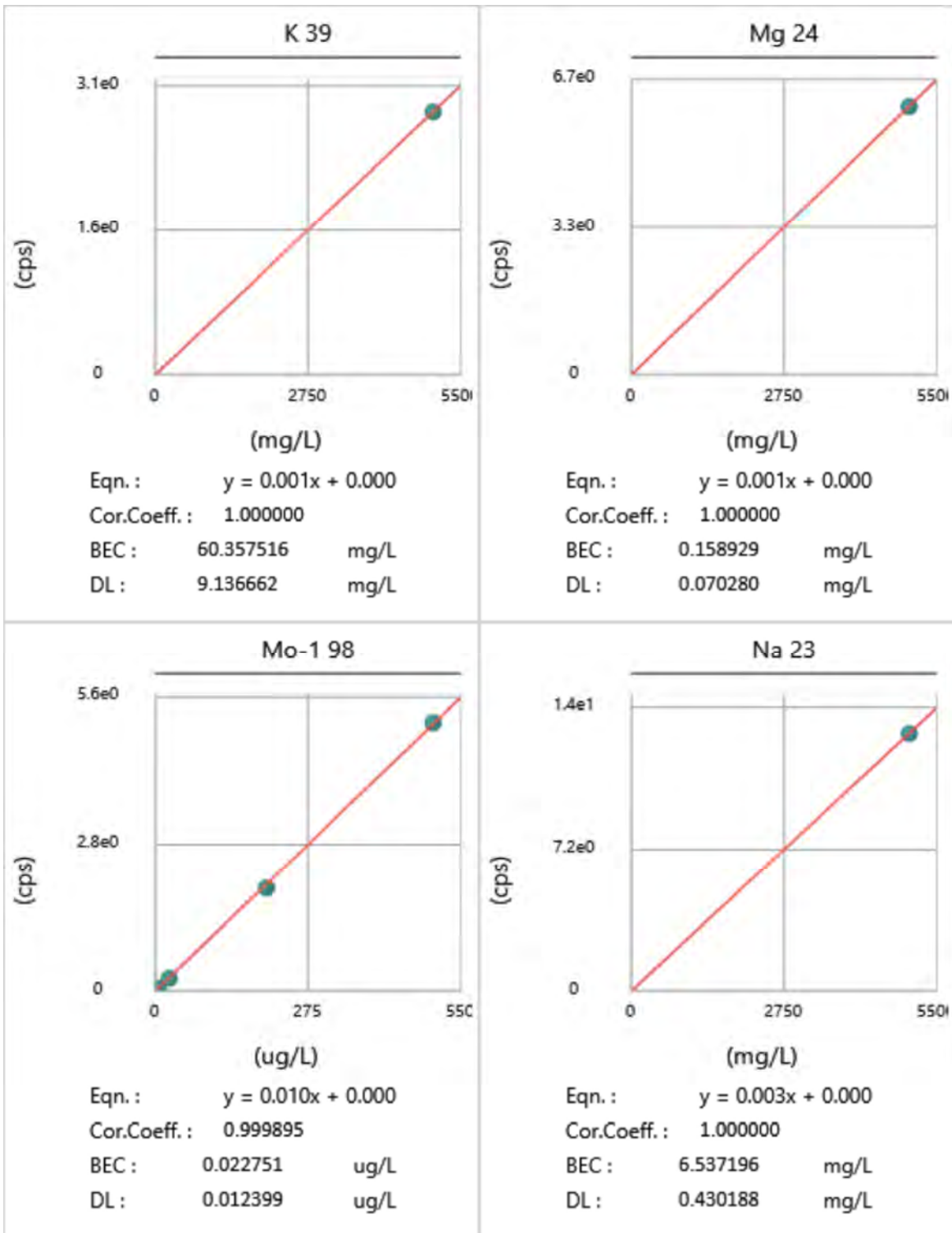


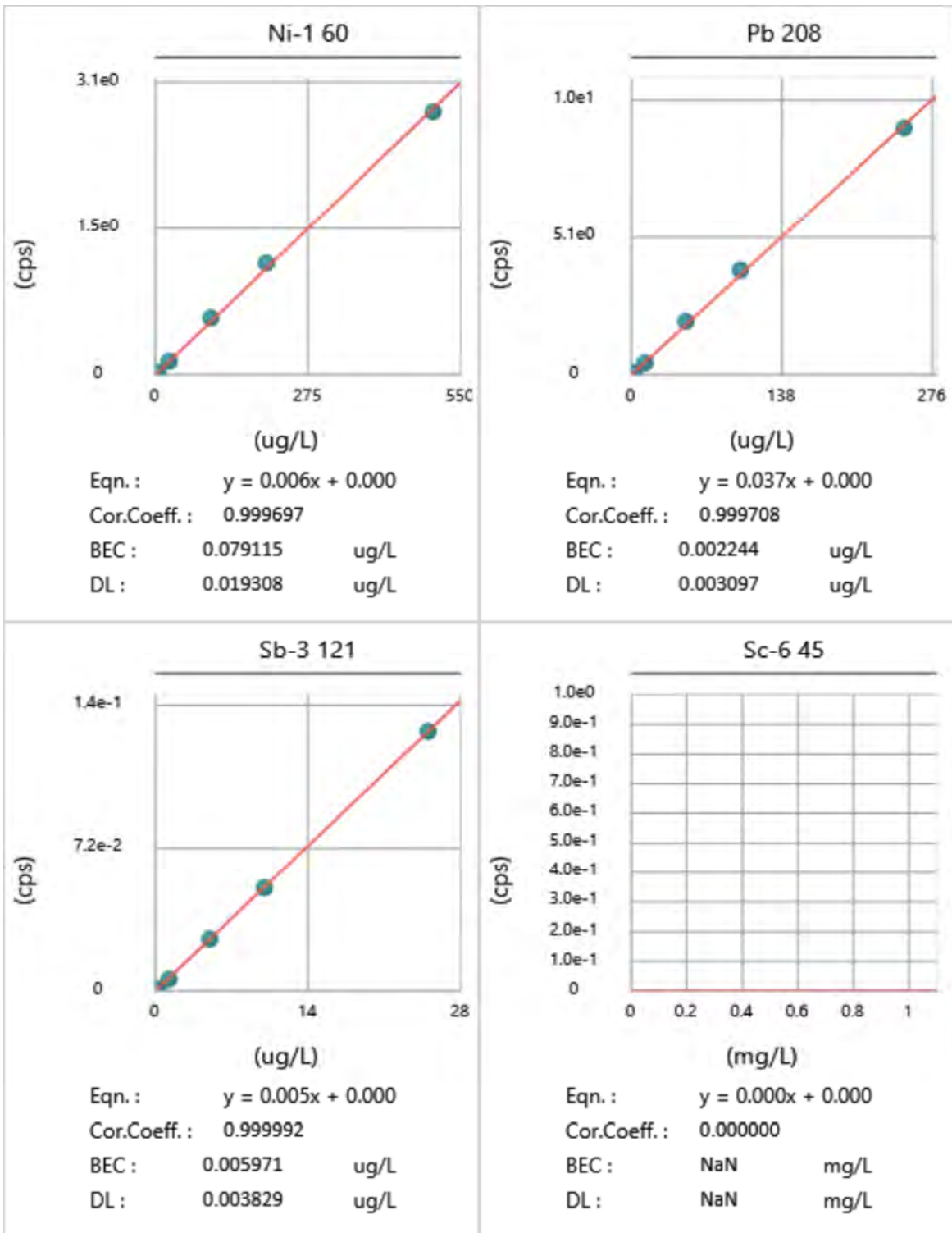
Calibration

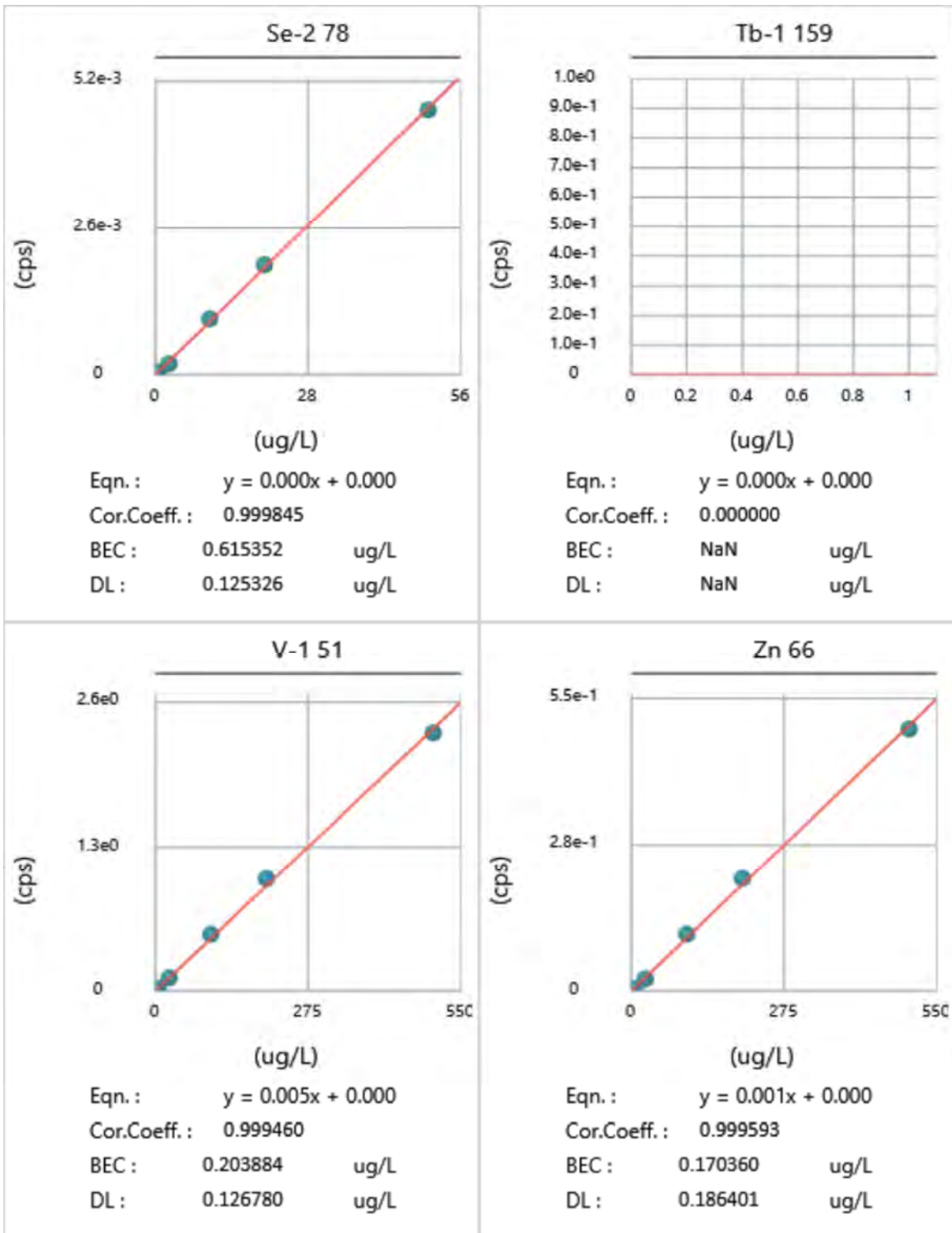














Tunes

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 11/9/2021 9:37:21 AM

End Time: 11/9/2021 9:39:43 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 11388.40

Obtained Intensity (Mg 24): 40067.81

Obtained Intensity (In 115): 50245.38

Obtained Intensity (U 238): 38901.37

Obtained Intensity (Bkgd 220): 0.10

Obtained Formula (CeO 156 / Ce 140): 0.021 (=866.83 / 40910.25)

Obtained Formula (Ce++ 70 / Ce 140): 0.020 (=833.02 / 40910.25)

Obtained RSD (Be 9): 0.0144

Obtained RSD (Mg 24): 0.0256

Obtained RSD (In 115): 0.0251

Obtained RSD (U 238): 0.0175

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 11/9/2021 9:37:21 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.

Intensity Criterion: Be 9 > 2000

Intensity Criterion: Mg 24 > 15000

Intensity Criterion: In 115 > 40000

Intensity Criterion: U 238 > 30000

Intensity Criterion: Bkgd 220 <= 5

Formula Criterion: CeO 156 / Ce 140 <= 0.03

Formula Criterion: Ce++ 70 / Ce 140 <= 0.05

RSD Criterion: Be 9.0122 < 0.05

RSD Criterion: Mg 23.985 < 0.05

RSD Criterion: In 114.904 < 0.05

RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 11388.40

Obtained Intensity (Mg 24): 40067.81

Obtained Intensity (In 115): 50245.38

Obtained Intensity (U 238): 38901.37

Obtained Intensity (Bkgd 220): 0.10

Obtained Formula (CeO 156 / Ce 140): 0.021 (=866.83 / 40910.25)

Obtained Formula (Ce++ 70 / Ce 140): 0.020 (=833.02 / 40910.25)

Obtained RSD (Be 9): 0.0144

Obtained RSD (Mg 24): 0.0256

Obtained RSD (In 115): 0.0251

Obtained RSD (U 238): 0.0175

[Passed] Optimum value(s): N/A

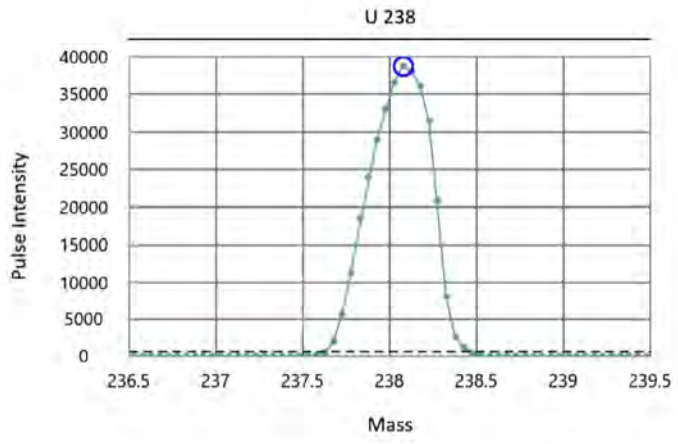
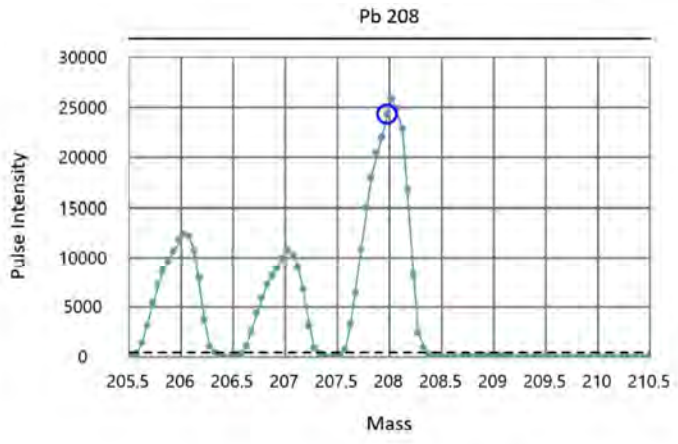
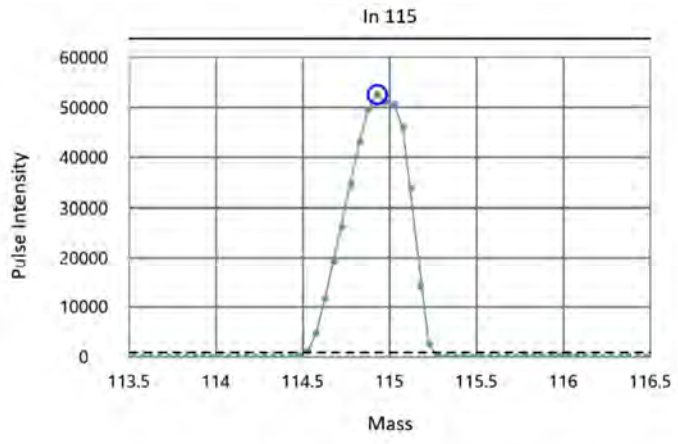
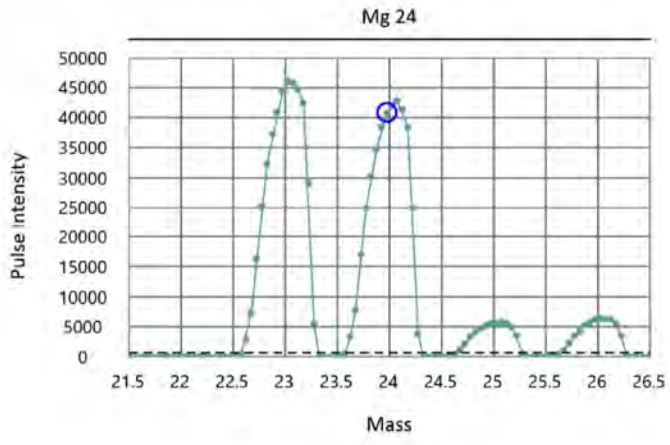
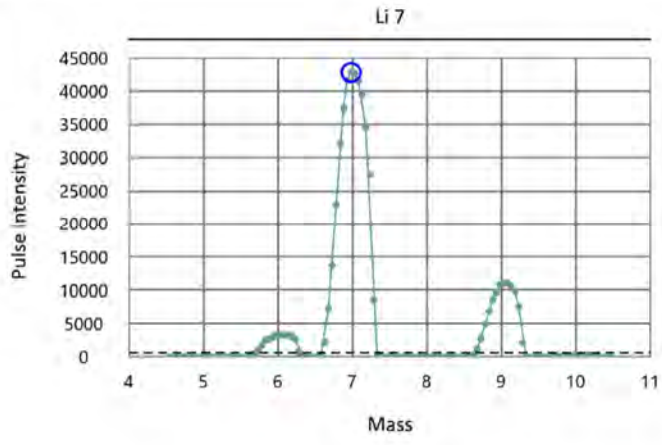
End Time: 11/9/2021 9:39:43 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/6.975), Target/Obtained resolution (0.7/0.692)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.699)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.679)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.733)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.728)

Acq. Date/Time: 11/9/2021 9:14:41 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	6.975	1323	2022	0.692	
Mg	23.985	23.975	4711	2023	0.699	
In	114.904	114.925	22854	2041	0.679	
Pb	207.977	207.975	41421	2060	0.733	
U	238.05	238.075	47424	2067	0.728	





3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Shannon & Wilson

Meg Strong
400 N. 34th Street, Suite 100
Seattle, WA 98103

RE: 8801 - Remediation
Work Order Number: 2112242

February 23, 2022

Attention Meg Strong:

Fremont Analytical, Inc. received 94 sample(s) on 12/14/2021 for the analyses presented in the following report.

Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Revision v7

www.fremontanalytical.com



CLIENT: Shannon & Wilson
Project: 8801 - Remediation
Work Order: 2112242

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2112242-001	A4-SIDE48:4.5	12/14/2021 9:20 AM	12/14/2021 5:25 PM
2112242-002	A4-SIDE49:4.5	12/14/2021 9:31 AM	12/14/2021 5:25 PM
2112242-003	A4-SIDE50:2	12/14/2021 9:36 AM	12/14/2021 5:25 PM
2112242-004	A4-SIDE200:2	12/14/2021 3:00 PM	12/14/2021 5:25 PM
2112242-005	A4-SIDE50:5	12/14/2021 9:41 AM	12/14/2021 5:25 PM
2112242-006	A4-SIDE51:2	12/14/2021 9:50 AM	12/14/2021 5:25 PM
2112242-007	A4-SIDE51:5	12/14/2021 9:59 AM	12/14/2021 5:25 PM
2112242-008	A4-SIDE52:2	12/14/2021 10:09 AM	12/14/2021 5:25 PM
2112242-009	A4-SIDE52:5	12/14/2021 10:12 AM	12/14/2021 5:25 PM
2112242-010	A4-SIDE52:7	12/14/2021 10:15 AM	12/14/2021 5:25 PM
2112242-011	A4-SIDE52:8	12/14/2021 10:16 AM	12/14/2021 5:25 PM
2112242-012	A4-SIDE52:9	12/14/2021 10:17 AM	12/14/2021 5:25 PM
2112242-013	A4-SIDE52:10	12/14/2021 10:21 AM	12/14/2021 5:25 PM
2112242-014	A4-SIDE52:11	12/14/2021 10:22 AM	12/14/2021 5:25 PM
2112242-015	A4-SIDE52:12	12/14/2021 10:23 AM	12/14/2021 5:25 PM
2112242-016	A4-SIDE52:13	12/14/2021 10:25 AM	12/14/2021 5:25 PM
2112242-017	A4-SIDE52:14	12/14/2021 10:26 AM	12/14/2021 5:25 PM
2112242-018	A4-SIDE52:15	12/14/2021 10:27 AM	12/14/2021 5:25 PM
2112242-019	A4-SIDE53:2	12/14/2021 10:31 AM	12/14/2021 5:25 PM
2112242-020	A4-SIDE53:6	12/14/2021 10:36 AM	12/14/2021 5:25 PM
2112242-021	A4-SIDE54:2	12/14/2021 10:40 AM	12/14/2021 5:25 PM
2112242-022	A4-SIDE54:6	12/14/2021 10:44 AM	12/14/2021 5:25 PM
2112242-023	A4-SIDE55:2	12/14/2021 10:52 AM	12/14/2021 5:25 PM
2112242-024	A4-SIDE55:6.5	12/14/2021 10:57 AM	12/14/2021 5:25 PM
2112242-025	A4-SIDE56:2	12/14/2021 11:12 AM	12/14/2021 5:25 PM
2112242-026	A4-SIDE56:5	12/14/2021 11:15 AM	12/14/2021 5:25 PM
2112242-027	A4-SIDE57:9	12/14/2021 11:26 AM	12/14/2021 5:25 PM
2112242-028	A4-SIDE57:10	12/14/2021 11:27 AM	12/14/2021 5:25 PM
2112242-029	A4-SIDE57:11	12/14/2021 11:28 AM	12/14/2021 5:25 PM
2112242-030	A4-SIDE57:12	12/14/2021 11:30 AM	12/14/2021 5:25 PM
2112242-031	A4-SIDE57:13	12/14/2021 11:31 AM	12/14/2021 5:25 PM
2112242-032	A4-SIDE57:14	12/14/2021 11:32 AM	12/14/2021 5:25 PM
2112242-033	A4-SIDE57:15	12/14/2021 11:33 AM	12/14/2021 5:25 PM
2112242-034	A4-SIDE58:2	12/14/2021 11:38 AM	12/14/2021 5:25 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson
Project: 8801 - Remediation
Work Order: 2112242

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2112242-035	A4-SIDE201:2	12/14/2021 3:01 PM	12/14/2021 5:25 PM
2112242-036	A4-SIDE58:6	12/14/2021 11:43 AM	12/14/2021 5:25 PM
2112242-037	A4-SIDE59:2	12/14/2021 11:48 AM	12/14/2021 5:25 PM
2112242-038	A4-SIDE59:6	12/14/2021 11:52 AM	12/14/2021 5:25 PM
2112242-039	A4-SIDE59:7	12/14/2021 11:53 AM	12/14/2021 5:25 PM
2112242-040	A4-SIDE59:8	12/14/2021 11:54 AM	12/14/2021 5:25 PM
2112242-041	A4-SIDE59:9	12/14/2021 11:55 AM	12/14/2021 5:25 PM
2112242-042	A4-SIDE59:10	12/14/2021 11:59 AM	12/14/2021 5:25 PM
2112242-043	A4-SIDE59:11	12/14/2021 12:00 PM	12/14/2021 5:25 PM
2112242-044	A4-SIDE59:12	12/14/2021 12:01 PM	12/14/2021 5:25 PM
2112242-045	A4-SIDE59:13	12/14/2021 12:05 PM	12/14/2021 5:25 PM
2112242-046	A4-SIDE59:14	12/14/2021 12:06 PM	12/14/2021 5:25 PM
2112242-047	A4-SIDE59:15	12/14/2021 12:07 PM	12/14/2021 5:25 PM
2112242-048	A4-SIDE60:10	12/14/2021 12:58 PM	12/14/2021 5:25 PM
2112242-049	A4-SIDE60:11	12/14/2021 12:59 PM	12/14/2021 5:25 PM
2112242-050	A4-SIDE60:11.5	12/14/2021 1:00 PM	12/14/2021 5:25 PM
2112242-051	A4-SIDE60:13	12/14/2021 1:04 PM	12/14/2021 5:25 PM
2112242-052	A4-SIDE60:14	12/14/2021 1:05 PM	12/14/2021 5:25 PM
2112242-053	A4-SIDE60:15	12/14/2021 1:06 PM	12/14/2021 5:25 PM
2112242-054	A4-SIDE61:2	12/14/2021 1:16 PM	12/14/2021 5:25 PM
2112242-055	A4-SIDE61:5.5	12/14/2021 1:23 PM	12/14/2021 5:25 PM
2112242-056	A4-SIDE61:7	12/14/2021 1:25 PM	12/14/2021 5:25 PM
2112242-057	A4-SIDE61:8	12/14/2021 1:26 PM	12/14/2021 5:25 PM
2112242-058	A4-SIDE61:10	12/14/2021 1:29 PM	12/14/2021 5:25 PM
2112242-059	A4-SIDE61:11	12/14/2021 1:30 PM	12/14/2021 5:25 PM
2112242-060	A4-SIDE61:12	12/14/2021 1:31 PM	12/14/2021 5:25 PM
2112242-061	A4-SIDE61:13	12/14/2021 1:32 PM	12/14/2021 5:25 PM
2112242-062	A4-SIDE61:14	12/14/2021 1:33 PM	12/14/2021 5:25 PM
2112242-063	A4-SIDE61:15	12/14/2021 1:34 PM	12/14/2021 5:25 PM
2112242-064	A4-SIDE62:2	12/14/2021 1:42 PM	12/14/2021 5:25 PM
2112242-065	A4-SIDE62:5	12/14/2021 1:45 PM	12/14/2021 5:25 PM
2112242-066	A4-SIDE62:6	12/14/2021 1:46 PM	12/14/2021 5:25 PM
2112242-067	A4-SIDE62:7	12/14/2021 1:47 PM	12/14/2021 5:25 PM
2112242-068	A4-SIDE62:8	12/14/2021 1:48 PM	12/14/2021 5:25 PM
2112242-069	A4-SIDE62:9	12/14/2021 1:49 PM	12/14/2021 5:25 PM
2112242-070	A4-SIDE62:10	12/14/2021 1:52 PM	12/14/2021 5:25 PM
2112242-071	A4-SIDE62:11	12/14/2021 1:53 PM	12/14/2021 5:25 PM
2112242-072	A4-SIDE62:12	12/14/2021 1:54 PM	12/14/2021 5:25 PM
2112242-073	A4-SIDE62:13	12/14/2021 2:00 PM	12/14/2021 5:25 PM
2112242-074	A4-SIDE62:14	12/14/2021 2:01 PM	12/14/2021 5:25 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson
Project: 8801 - Remediation
Work Order: 2112242

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2112242-075	A4-SIDE62:15	12/14/2021 2:02 PM	12/14/2021 5:25 PM
2112242-076	A4-SIDE63:2	12/14/2021 2:15 PM	12/14/2021 5:25 PM
2112242-077	A4-SIDE63:5	12/14/2021 2:35 PM	12/14/2021 5:25 PM
2112242-078	A4-SIDE63:6	12/14/2021 2:36 PM	12/14/2021 5:25 PM
2112242-079	A4-SIDE63:7	12/14/2021 2:37 PM	12/14/2021 5:25 PM
2112242-080	A4-SIDE63:10	12/14/2021 2:39 PM	12/14/2021 5:25 PM
2112242-081	A4-SIDE63:11	12/14/2021 2:41 PM	12/14/2021 5:25 PM
2112242-082	A4-SIDE63:12	12/14/2021 2:42 PM	12/14/2021 5:25 PM
2112242-083	A4-SIDE63:13	12/14/2021 2:43 PM	12/14/2021 5:25 PM
2112242-084	A4-SIDE64:2	12/14/2021 2:50 PM	12/14/2021 5:25 PM
2112242-085	A4-SIDE64:5	12/14/2021 2:56 PM	12/14/2021 5:25 PM
2112242-086	A4-SIDE64:6	12/14/2021 2:57 PM	12/14/2021 5:25 PM
2112242-087	A4-SIDE64:7	12/14/2021 3:32 PM	12/14/2021 5:25 PM
2112242-088	A4-SIDE202:10	12/14/2021 2:02 PM	12/14/2021 5:25 PM
2112242-089	A4-SIDE64:7.5	12/14/2021 3:33 PM	12/14/2021 5:25 PM
2112242-090	A4-SIDE64:10	12/14/2021 3:36 PM	12/14/2021 5:25 PM
2112242-091	A4-SIDE64:11	12/14/2021 3:37 PM	12/14/2021 5:25 PM
2112242-092	A4-SIDE64:11.5	12/14/2021 3:38 PM	12/14/2021 5:25 PM
2112242-093	A4-SIDE64:13	12/14/2021 3:41 PM	12/14/2021 5:25 PM
2112242-094	A4-SIDE64:14	12/14/2021 3:42 PM	12/14/2021 5:25 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson
Project: 8801 - Remediation

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2112242-001-009, 011-013, 023-030, 034-038, 040-047, 048-055, 057-066, 068-071, 076-078) required Acid Cleanup Procedure (Using Method No 3665A).

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2112242-001-009, 011-013, 023-030, 034-038, 040-047, 048-055, 057-066, 068-071, 076-078) required Florisil Cleanup Procedure (Using Method No 3620C).

2/23/2022: Revision 7 includes level 2B data validation package.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-001
Client Sample ID: A4-SIDE48:4.5

Collection Date: 12/14/2021 9:20:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0445	0.00717		mg/Kg-dry	1	12/16/21 15:33:30
Aroclor 1221	ND	0.0445	0.00717		mg/Kg-dry	1	12/16/21 15:33:30
Aroclor 1232	ND	0.0445	0.00717		mg/Kg-dry	1	12/16/21 15:33:30
Aroclor 1242	ND	0.0445	0.00717		mg/Kg-dry	1	12/16/21 15:33:30
Aroclor 1248	ND	0.0445	0.00885		mg/Kg-dry	1	12/16/21 15:33:30
Aroclor 1254	0.0601	0.0445	0.00885		mg/Kg-dry	1	12/16/21 15:33:30
Aroclor 1260	ND	0.0445	0.00885		mg/Kg-dry	1	12/16/21 15:33:30
Aroclor 1262	ND	0.0445	0.00885		mg/Kg-dry	1	12/16/21 15:33:30
Aroclor 1268	ND	0.0445	0.00885		mg/Kg-dry	1	12/16/21 15:33:30
Total PCBs	0.0601	0.0445	0.00885		mg/Kg-dry	1	12/16/21 15:33:30
Surr: Decachlorobiphenyl	85.3	25.9 - 167			%Rec	1	12/16/21 15:33:30
Surr: Tetrachloro-m-xylene	89.9	31.3 - 173			%Rec	1	12/16/21 15:33:30
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	268	0.969	0.181		mg/Kg-dry	1	12/17/21 9:33:50
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	18.1	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-002
Client Sample ID: A4-SIDE49:4.5

Collection Date: 12/14/2021 9:31:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0414	0.00667		mg/Kg-dry	1	12/15/21 18:14:09
Aroclor 1221	ND	0.0414	0.00667		mg/Kg-dry	1	12/15/21 18:14:09
Aroclor 1232	ND	0.0414	0.00667		mg/Kg-dry	1	12/15/21 18:14:09
Aroclor 1242	ND	0.0414	0.00667		mg/Kg-dry	1	12/15/21 18:14:09
Aroclor 1248	ND	0.0414	0.00823		mg/Kg-dry	1	12/15/21 18:14:09
Aroclor 1254	ND	0.0414	0.00823		mg/Kg-dry	1	12/15/21 18:14:09
Aroclor 1260	ND	0.0414	0.00823		mg/Kg-dry	1	12/15/21 18:14:09
Aroclor 1262	ND	0.0414	0.00823		mg/Kg-dry	1	12/15/21 18:14:09
Aroclor 1268	ND	0.0414	0.00823		mg/Kg-dry	1	12/15/21 18:14:09
Total PCBs	ND	0.0414	0.00823		mg/Kg-dry	1	12/15/21 18:14:09
Surr: Decachlorobiphenyl	125	25.9 - 167			%Rec	1	12/15/21 18:14:09
Surr: Tetrachloro-m-xylene	123	31.3 - 173			%Rec	1	12/15/21 18:14:09
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	35.4	0.894	0.167		mg/Kg-dry	1	12/17/21 9:27:59
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	10.5	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-003
Client Sample ID: A4-SIDE50:2

Collection Date: 12/14/2021 9:36:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0439	0.00708		mg/Kg-dry	1	12/15/21 18:23:51
Aroclor 1221	ND	0.0439	0.00708		mg/Kg-dry	1	12/15/21 18:23:51
Aroclor 1232	ND	0.0439	0.00708		mg/Kg-dry	1	12/15/21 18:23:51
Aroclor 1242	ND	0.0439	0.00708		mg/Kg-dry	1	12/15/21 18:23:51
Aroclor 1248	ND	0.0439	0.00874		mg/Kg-dry	1	12/15/21 18:23:51
Aroclor 1254	ND	0.0439	0.00874		mg/Kg-dry	1	12/15/21 18:23:51
Aroclor 1260	ND	0.0439	0.00874		mg/Kg-dry	1	12/15/21 18:23:51
Aroclor 1262	ND	0.0439	0.00874		mg/Kg-dry	1	12/15/21 18:23:51
Aroclor 1268	ND	0.0439	0.00874		mg/Kg-dry	1	12/15/21 18:23:51
Total PCBs	ND	0.0439	0.00874		mg/Kg-dry	1	12/15/21 18:23:51
Surr: Decachlorobiphenyl	125	25.9 - 167			%Rec	1	12/15/21 18:23:51
Surr: Tetrachloro-m-xylene	118	31.3 - 173			%Rec	1	12/15/21 18:23:51
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	38.7	0.920	0.172		mg/Kg-dry	1	12/17/21 9:35:00
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	16.3	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-004
Client Sample ID: A4-SIDE200:2

Collection Date: 12/14/2021 3:00:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0419	0.00676		mg/Kg-dry	1	12/17/21 16:54:39
Aroclor 1221	ND	0.0419	0.00676		mg/Kg-dry	1	12/17/21 16:54:39
Aroclor 1232	ND	0.0419	0.00676		mg/Kg-dry	1	12/17/21 16:54:39
Aroclor 1242	ND	0.0419	0.00676		mg/Kg-dry	1	12/17/21 16:54:39
Aroclor 1248	ND	0.0419	0.00833		mg/Kg-dry	1	12/17/21 16:54:39
Aroclor 1254	0.00882	0.0419	0.00833	J	mg/Kg-dry	1	12/17/21 16:54:39
Aroclor 1260	ND	0.0419	0.00833		mg/Kg-dry	1	12/17/21 16:54:39
Aroclor 1262	ND	0.0419	0.00833		mg/Kg-dry	1	12/17/21 16:54:39
Aroclor 1268	ND	0.0419	0.00833		mg/Kg-dry	1	12/17/21 16:54:39
Total PCBs	0.00882	0.0419	0.00833	J	mg/Kg-dry	1	12/17/21 16:54:39
Surr: Decachlorobiphenyl	82.4	25.9 - 167			%Rec	1	12/17/21 16:54:39
Surr: Tetrachloro-m-xylene	86.8	31.3 - 173			%Rec	1	12/17/21 16:54:39
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	40.2	0.829	0.155		mg/Kg-dry	1	12/17/21 9:36:11
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	10.0	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-005
Client Sample ID: A4-SIDE50:5

Collection Date: 12/14/2021 9:41:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0475	0.00766		mg/Kg-dry	1	12/16/21 15:43:11
Aroclor 1221	ND	0.0475	0.00766		mg/Kg-dry	1	12/16/21 15:43:11
Aroclor 1232	ND	0.0475	0.00766		mg/Kg-dry	1	12/16/21 15:43:11
Aroclor 1242	ND	0.0475	0.00766		mg/Kg-dry	1	12/16/21 15:43:11
Aroclor 1248	ND	0.0475	0.00945		mg/Kg-dry	1	12/16/21 15:43:11
Aroclor 1254	0.0390	0.0475	0.00945	J	mg/Kg-dry	1	12/16/21 15:43:11
Aroclor 1260	ND	0.0475	0.00945		mg/Kg-dry	1	12/16/21 15:43:11
Aroclor 1262	ND	0.0475	0.00945		mg/Kg-dry	1	12/16/21 15:43:11
Aroclor 1268	ND	0.0475	0.00945		mg/Kg-dry	1	12/16/21 15:43:11
Total PCBs	0.0390	0.0475	0.00945	J	mg/Kg-dry	1	12/16/21 15:43:11
Surr: Decachlorobiphenyl	84.3	25.9 - 167			%Rec	1	12/16/21 15:43:11
Surr: Tetrachloro-m-xylene	104	31.3 - 173			%Rec	1	12/16/21 15:43:11
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	146	0.955	0.179		mg/Kg-dry	1	12/17/21 9:39:52
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	20.7	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
 Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-006
Client Sample ID: A4-SIDE51:2

Collection Date: 12/14/2021 9:50:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0422	0.00680		mg/Kg-dry	1	12/16/21 15:52:54
Aroclor 1221	ND	0.0422	0.00680		mg/Kg-dry	1	12/16/21 15:52:54
Aroclor 1232	ND	0.0422	0.00680		mg/Kg-dry	1	12/16/21 15:52:54
Aroclor 1242	ND	0.0422	0.00680		mg/Kg-dry	1	12/16/21 15:52:54
Aroclor 1248	ND	0.0422	0.00839		mg/Kg-dry	1	12/16/21 15:52:54
Aroclor 1254	0.0885	0.0422	0.00839		mg/Kg-dry	1	12/16/21 15:52:54
Aroclor 1260	ND	0.0422	0.00839		mg/Kg-dry	1	12/16/21 15:52:54
Aroclor 1262	ND	0.0422	0.00839		mg/Kg-dry	1	12/16/21 15:52:54
Aroclor 1268	ND	0.0422	0.00839		mg/Kg-dry	1	12/16/21 15:52:54
Total PCBs	0.0885	0.0422	0.00839		mg/Kg-dry	1	12/16/21 15:52:54
Surr: Decachlorobiphenyl	97.9	25.9 - 167			%Rec	1	12/16/21 15:52:54
Surr: Tetrachloro-m-xylene	113	31.3 - 173			%Rec	1	12/16/21 15:52:54
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	148	0.848	0.159		mg/Kg-dry	1	12/17/21 9:41:02
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	11.3	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-007
Client Sample ID: A4-SIDE51:5

Collection Date: 12/14/2021 9:59:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0421	0.00678		mg/Kg-dry	1	12/16/21 16:02:38
Aroclor 1221	ND	0.0421	0.00678		mg/Kg-dry	1	12/16/21 16:02:38
Aroclor 1232	ND	0.0421	0.00678		mg/Kg-dry	1	12/16/21 16:02:38
Aroclor 1242	ND	0.0421	0.00678		mg/Kg-dry	1	12/16/21 16:02:38
Aroclor 1248	ND	0.0421	0.00836		mg/Kg-dry	1	12/16/21 16:02:38
Aroclor 1254	0.0557	0.0421	0.00836		mg/Kg-dry	1	12/16/21 16:02:38
Aroclor 1260	ND	0.0421	0.00836		mg/Kg-dry	1	12/16/21 16:02:38
Aroclor 1262	ND	0.0421	0.00836		mg/Kg-dry	1	12/16/21 16:02:38
Aroclor 1268	ND	0.0421	0.00836		mg/Kg-dry	1	12/16/21 16:02:38
Total PCBs	0.0557	0.0421	0.00836		mg/Kg-dry	1	12/16/21 16:02:38
Surr: Decachlorobiphenyl	88.6	25.9 - 167			%Rec	1	12/16/21 16:02:38
Surr: Tetrachloro-m-xylene	95.6	31.3 - 173			%Rec	1	12/16/21 16:02:38
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	2,460	92.0	17.2		D mg/Kg-dry	100	12/17/21 10:37:26
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	13.7	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-008
Client Sample ID: A4-SIDE52:2

Collection Date: 12/14/2021 10:09:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0409	0.00660		mg/Kg-dry	1	12/17/21 17:04:24
Aroclor 1221	ND	0.0409	0.00660		mg/Kg-dry	1	12/17/21 17:04:24
Aroclor 1232	ND	0.0409	0.00660		mg/Kg-dry	1	12/17/21 17:04:24
Aroclor 1242	ND	0.0409	0.00660		mg/Kg-dry	1	12/17/21 17:04:24
Aroclor 1248	ND	0.0409	0.00814		mg/Kg-dry	1	12/17/21 17:04:24
Aroclor 1254	0.0305	0.0409	0.00814	J	mg/Kg-dry	1	12/17/21 17:04:24
Aroclor 1260	ND	0.0409	0.00814		mg/Kg-dry	1	12/17/21 17:04:24
Aroclor 1262	ND	0.0409	0.00814		mg/Kg-dry	1	12/17/21 17:04:24
Aroclor 1268	ND	0.0409	0.00814		mg/Kg-dry	1	12/17/21 17:04:24
Total PCBs	0.0305	0.0409	0.00814	J	mg/Kg-dry	1	12/17/21 17:04:24
Surr: Decachlorobiphenyl	95.5	25.9 - 167			%Rec	1	12/17/21 17:04:24
Surr: Tetrachloro-m-xylene	93.6	31.3 - 173			%Rec	1	12/17/21 17:04:24
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	191	0.924	0.173		mg/Kg-dry	1	12/17/21 9:43:22
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	13.5	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-009
Client Sample ID: A4-SIDE52:5

Collection Date: 12/14/2021 10:12:00 AM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0420	0.00676		mg/Kg-dry	1	12/16/21 16:12:23
Aroclor 1221	ND	0.0420	0.00676		mg/Kg-dry	1	12/16/21 16:12:23
Aroclor 1232	ND	0.0420	0.00676		mg/Kg-dry	1	12/16/21 16:12:23
Aroclor 1242	ND	0.0420	0.00676		mg/Kg-dry	1	12/16/21 16:12:23
Aroclor 1248	ND	0.0420	0.00835		mg/Kg-dry	1	12/16/21 16:12:23
Aroclor 1254	0.130	0.0420	0.00835		mg/Kg-dry	1	12/16/21 16:12:23
Aroclor 1260	ND	0.0420	0.00835		mg/Kg-dry	1	12/16/21 16:12:23
Aroclor 1262	ND	0.0420	0.00835		mg/Kg-dry	1	12/16/21 16:12:23
Aroclor 1268	ND	0.0420	0.00835		mg/Kg-dry	1	12/16/21 16:12:23
Total PCBs	0.130	0.0420	0.00835		mg/Kg-dry	1	12/16/21 16:12:23
Surr: Decachlorobiphenyl	100	25.9 - 167			%Rec	1	12/16/21 16:12:23
Surr: Tetrachloro-m-xylene	112	31.3 - 173			%Rec	1	12/16/21 16:12:23
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	84.5	0.888	0.166		mg/Kg-dry	1	12/17/21 9:44:32
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	12.0	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-011
Client Sample ID: A4-SIDE52:8

Collection Date: 12/14/2021 10:16:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34814		Analyst: SB	
Aroclor 1016	ND	0.0534	0.00860		mg/Kg-dry	1	12/21/21 15:48:00
Aroclor 1221	ND	0.0534	0.00860		mg/Kg-dry	1	12/21/21 15:48:00
Aroclor 1232	ND	0.0534	0.00860		mg/Kg-dry	1	12/21/21 15:48:00
Aroclor 1242	ND	0.0534	0.00860		mg/Kg-dry	1	12/21/21 15:48:00
Aroclor 1248	ND	0.0534	0.0106		mg/Kg-dry	1	12/21/21 15:48:00
Aroclor 1254	0.0868	0.0534	0.0106		mg/Kg-dry	1	12/21/21 15:48:00
Aroclor 1260	ND	0.0534	0.0106		mg/Kg-dry	1	12/21/21 15:48:00
Aroclor 1262	ND	0.0534	0.0106		mg/Kg-dry	1	12/21/21 15:48:00
Aroclor 1268	ND	0.0534	0.0106		mg/Kg-dry	1	12/21/21 15:48:00
Total PCBs	0.0868	0.0534	0.0106		mg/Kg-dry	1	12/21/21 15:48:00
Surr: Decachlorobiphenyl	95.3	25.9 - 167			%Rec	1	12/21/21 15:48:00
Surr: Tetrachloro-m-xylene	106	31.3 - 173			%Rec	1	12/21/21 15:48:00
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34811		Analyst: EH	
Copper	546	9.35	1.75		D mg/Kg-dry	10	12/22/21 9:04:17
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72089		Analyst: ALB	
Percent Moisture	15.1	0.500	0.100		wt%	1	12/20/21 14:28:16



Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-012
Client Sample ID: A4-SIDE52:9

Collection Date: 12/14/2021 10:17:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34857		Analyst: SB	
Aroclor 1016	ND	0.0527	0.00850		mg/Kg-dry	1	12/28/21 12:29:13
Aroclor 1221	ND	0.0527	0.00850		mg/Kg-dry	1	12/28/21 12:29:13
Aroclor 1232	ND	0.0527	0.00850		mg/Kg-dry	1	12/28/21 12:29:13
Aroclor 1242	ND	0.0527	0.00850		mg/Kg-dry	1	12/28/21 12:29:13
Aroclor 1248	ND	0.0527	0.0105		mg/Kg-dry	1	12/28/21 12:29:13
Aroclor 1254	0.105	0.0527	0.0105		mg/Kg-dry	1	12/28/21 12:29:13
Aroclor 1260	ND	0.0527	0.0105		mg/Kg-dry	1	12/28/21 12:29:13
Aroclor 1262	ND	0.0527	0.0105		mg/Kg-dry	1	12/28/21 12:29:13
Aroclor 1268	ND	0.0527	0.0105		mg/Kg-dry	1	12/28/21 12:29:13
Total PCBs	0.105	0.0527	0.0105		mg/Kg-dry	1	12/28/21 12:29:13
Surr: Decachlorobiphenyl	93.0	25.9 - 167			%Rec	1	12/28/21 12:29:13
Surr: Tetrachloro-m-xylene	96.9	31.3 - 173			%Rec	1	12/28/21 12:29:13
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34854		Analyst: EH	
Copper	917	9.78	1.83		D mg/Kg-dry	10	12/27/21 12:51:03
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72188		Analyst: OK	
Percent Moisture	21.3	0.500	0.100		wt%	1	12/27/21 8:51:13



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-013
Client Sample ID: A4-SIDE52:10

Collection Date: 12/14/2021 10:21:00 AM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34883		Analyst: SB	
Aroclor 1016	ND	0.0488	0.00786		mg/Kg-dry	1	12/29/21 12:32:36
Aroclor 1221	ND	0.0488	0.00786		mg/Kg-dry	1	12/29/21 12:32:36
Aroclor 1232	ND	0.0488	0.00786		mg/Kg-dry	1	12/29/21 12:32:36
Aroclor 1242	ND	0.0488	0.00786		mg/Kg-dry	1	12/29/21 12:32:36
Aroclor 1248	ND	0.0488	0.00970		mg/Kg-dry	1	12/29/21 12:32:36
Aroclor 1254	0.0576	0.0488	0.00970		mg/Kg-dry	1	12/29/21 12:32:36
Aroclor 1260	ND	0.0488	0.00970		mg/Kg-dry	1	12/29/21 12:32:36
Aroclor 1262	ND	0.0488	0.00970		mg/Kg-dry	1	12/29/21 12:32:36
Aroclor 1268	ND	0.0488	0.00970		mg/Kg-dry	1	12/29/21 12:32:36
Total PCBs	0.0576	0.0488	0.00970		mg/Kg-dry	1	12/29/21 12:32:36
Surr: Decachlorobiphenyl	109	25.9 - 167			%Rec	1	12/29/21 12:32:36
Surr: Tetrachloro-m-xylene	145	31.3 - 173			%Rec	1	12/29/21 12:32:36
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34875		Analyst: EH	
Copper	154	0.979	0.183		mg/Kg-dry	1	12/28/21 15:24:18
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72219		Analyst: OK	
Percent Moisture	20.8	0.500	0.100		wt%	1	12/28/21 10:37:20



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-023
Client Sample ID: A4-SIDE55:2

Collection Date: 12/14/2021 10:52:00 AM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0464	0.00748		mg/Kg-dry	1	12/16/21 16:22:06
Aroclor 1221	ND	0.0464	0.00748		mg/Kg-dry	1	12/16/21 16:22:06
Aroclor 1232	ND	0.0464	0.00748		mg/Kg-dry	1	12/16/21 16:22:06
Aroclor 1242	ND	0.0464	0.00748		mg/Kg-dry	1	12/16/21 16:22:06
Aroclor 1248	ND	0.0464	0.00922		mg/Kg-dry	1	12/16/21 16:22:06
Aroclor 1254	0.0780	0.0464	0.00922		mg/Kg-dry	1	12/16/21 16:22:06
Aroclor 1260	ND	0.0464	0.00922		mg/Kg-dry	1	12/16/21 16:22:06
Aroclor 1262	ND	0.0464	0.00922		mg/Kg-dry	1	12/16/21 16:22:06
Aroclor 1268	ND	0.0464	0.00922		mg/Kg-dry	1	12/16/21 16:22:06
Total PCBs	0.0780	0.0464	0.00922		mg/Kg-dry	1	12/16/21 16:22:06
Surr: Decachlorobiphenyl	102	25.9 - 167			%Rec	1	12/16/21 16:22:06
Surr: Tetrachloro-m-xylene	105	31.3 - 173			%Rec	1	12/16/21 16:22:06
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	1,700	103	19.2		D mg/Kg-dry	100	12/17/21 10:38:35
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	22.7	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
 Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-024
Client Sample ID: A4-SIDE55:6.5

Collection Date: 12/14/2021 10:57:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0453	0.00730		mg/Kg-dry	1	12/16/21 16:31:52
Aroclor 1221	ND	0.0453	0.00730		mg/Kg-dry	1	12/16/21 16:31:52
Aroclor 1232	ND	0.0453	0.00730		mg/Kg-dry	1	12/16/21 16:31:52
Aroclor 1242	ND	0.0453	0.00730		mg/Kg-dry	1	12/16/21 16:31:52
Aroclor 1248	ND	0.0453	0.00901		mg/Kg-dry	1	12/16/21 16:31:52
Aroclor 1254	0.297	0.0453	0.00901		mg/Kg-dry	1	12/16/21 16:31:52
Aroclor 1260	ND	0.0453	0.00901		mg/Kg-dry	1	12/16/21 16:31:52
Aroclor 1262	ND	0.0453	0.00901		mg/Kg-dry	1	12/16/21 16:31:52
Aroclor 1268	ND	0.0453	0.00901		mg/Kg-dry	1	12/16/21 16:31:52
Total PCBs	0.297	0.0453	0.00901		mg/Kg-dry	1	12/16/21 16:31:52
Surr: Decachlorobiphenyl	102	25.9 - 167			%Rec	1	12/16/21 16:31:52
Surr: Tetrachloro-m-xylene	110	31.3 - 173			%Rec	1	12/16/21 16:31:52
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	1,060	95.6	17.9		D mg/Kg-dry	100	12/17/21 10:39:45
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	17.7	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-025
Client Sample ID: A4-SIDE56:2

Collection Date: 12/14/2021 11:12:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0412	0.00664		mg/Kg-dry	1	12/17/21 17:14:06
Aroclor 1221	ND	0.0412	0.00664		mg/Kg-dry	1	12/17/21 17:14:06
Aroclor 1232	ND	0.0412	0.00664		mg/Kg-dry	1	12/17/21 17:14:06
Aroclor 1242	ND	0.0412	0.00664		mg/Kg-dry	1	12/17/21 17:14:06
Aroclor 1248	ND	0.0412	0.00820		mg/Kg-dry	1	12/17/21 17:14:06
Aroclor 1254	0.0253	0.0412	0.00820	J	mg/Kg-dry	1	12/17/21 17:14:06
Aroclor 1260	ND	0.0412	0.00820		mg/Kg-dry	1	12/17/21 17:14:06
Aroclor 1262	ND	0.0412	0.00820		mg/Kg-dry	1	12/17/21 17:14:06
Aroclor 1268	ND	0.0412	0.00820		mg/Kg-dry	1	12/17/21 17:14:06
Total PCBs	0.0253	0.0412	0.00820	J	mg/Kg-dry	1	12/17/21 17:14:06
Surr: Decachlorobiphenyl	92.6	25.9 - 167			%Rec	1	12/17/21 17:14:06
Surr: Tetrachloro-m-xylene	96.4	31.3 - 173			%Rec	1	12/17/21 17:14:06
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	264	0.859	0.161		mg/Kg-dry	1	12/17/21 9:48:01
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	11.8	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
 Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-026
Client Sample ID: A4-SIDE56:5

Collection Date: 12/14/2021 11:15:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0389	0.00627		mg/Kg-dry	1	12/16/21 16:41:35
Aroclor 1221	ND	0.0389	0.00627		mg/Kg-dry	1	12/16/21 16:41:35
Aroclor 1232	ND	0.0389	0.00627		mg/Kg-dry	1	12/16/21 16:41:35
Aroclor 1242	ND	0.0389	0.00627		mg/Kg-dry	1	12/16/21 16:41:35
Aroclor 1248	ND	0.0389	0.00773		mg/Kg-dry	1	12/16/21 16:41:35
Aroclor 1254	0.0421	0.0389	0.00773		mg/Kg-dry	1	12/16/21 16:41:35
Aroclor 1260	ND	0.0389	0.00773		mg/Kg-dry	1	12/16/21 16:41:35
Aroclor 1262	ND	0.0389	0.00773		mg/Kg-dry	1	12/16/21 16:41:35
Aroclor 1268	ND	0.0389	0.00773		mg/Kg-dry	1	12/16/21 16:41:35
Total PCBs	0.0421	0.0389	0.00773		mg/Kg-dry	1	12/16/21 16:41:35
Surr: Decachlorobiphenyl	95.5	25.9 - 167			%Rec	1	12/16/21 16:41:35
Surr: Tetrachloro-m-xylene	116	31.3 - 173			%Rec	1	12/16/21 16:41:35
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	332	0.867	0.162		mg/Kg-dry	1	12/17/21 9:49:11
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	11.2	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-027
Client Sample ID: A4-SIDE57:9

Collection Date: 12/14/2021 11:26:00 AM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0413	0.00665		mg/Kg-dry	1	12/16/21 16:51:19
Aroclor 1221	ND	0.0413	0.00665		mg/Kg-dry	1	12/16/21 16:51:19
Aroclor 1232	ND	0.0413	0.00665		mg/Kg-dry	1	12/16/21 16:51:19
Aroclor 1242	ND	0.0413	0.00665		mg/Kg-dry	1	12/16/21 16:51:19
Aroclor 1248	ND	0.0413	0.00821		mg/Kg-dry	1	12/16/21 16:51:19
Aroclor 1254	0.0469	0.0413	0.00821		mg/Kg-dry	1	12/16/21 16:51:19
Aroclor 1260	ND	0.0413	0.00821		mg/Kg-dry	1	12/16/21 16:51:19
Aroclor 1262	ND	0.0413	0.00821		mg/Kg-dry	1	12/16/21 16:51:19
Aroclor 1268	ND	0.0413	0.00821		mg/Kg-dry	1	12/16/21 16:51:19
Total PCBs	0.0469	0.0413	0.00821		mg/Kg-dry	1	12/16/21 16:51:19
Surr: Decachlorobiphenyl	82.3	25.9 - 167			%Rec	1	12/16/21 16:51:19
Surr: Tetrachloro-m-xylene	98.3	31.3 - 173			%Rec	1	12/16/21 16:51:19
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	376	0.938	0.176		mg/Kg-dry	1	12/17/21 9:50:21
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	16.1	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-028
Client Sample ID: A4-SIDE57:10

Collection Date: 12/14/2021 11:27:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34814		Analyst: SB	
Aroclor 1016	ND	0.0496	0.00798		mg/Kg-dry	1	12/21/21 15:57:44
Aroclor 1221	ND	0.0496	0.00798		mg/Kg-dry	1	12/21/21 15:57:44
Aroclor 1232	ND	0.0496	0.00798		mg/Kg-dry	1	12/21/21 15:57:44
Aroclor 1242	ND	0.0496	0.00798		mg/Kg-dry	1	12/21/21 15:57:44
Aroclor 1248	ND	0.0496	0.00985		mg/Kg-dry	1	12/21/21 15:57:44
Aroclor 1254	0.319	0.0496	0.00985		mg/Kg-dry	1	12/21/21 15:57:44
Aroclor 1260	ND	0.0496	0.00985		mg/Kg-dry	1	12/21/21 15:57:44
Aroclor 1262	ND	0.0496	0.00985		mg/Kg-dry	1	12/21/21 15:57:44
Aroclor 1268	ND	0.0496	0.00985		mg/Kg-dry	1	12/21/21 15:57:44
Total PCBs	0.319	0.0496	0.00985		mg/Kg-dry	1	12/21/21 15:57:44
Surr: Decachlorobiphenyl	91.3	25.9 - 167			%Rec	1	12/21/21 15:57:44
Surr: Tetrachloro-m-xylene	110	31.3 - 173			%Rec	1	12/21/21 15:57:44
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34811		Analyst: EH	
Copper	3,160	90.6	17.0		D mg/Kg-dry	100	12/22/21 9:54:22
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72089		Analyst: ALB	
Percent Moisture	14.4	0.500	0.100		wt%	1	12/20/21 14:28:16



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-029
Client Sample ID: A4-SIDE57:11

Collection Date: 12/14/2021 11:28:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34857		Analyst: SB	
Aroclor 1016	ND	0.0476	0.00767		mg/Kg-dry	1	12/28/21 9:04:14
Aroclor 1221	ND	0.0476	0.00767		mg/Kg-dry	1	12/28/21 9:04:14
Aroclor 1232	ND	0.0476	0.00767		mg/Kg-dry	1	12/28/21 9:04:14
Aroclor 1242	ND	0.0476	0.00767		mg/Kg-dry	1	12/28/21 9:04:14
Aroclor 1248	ND	0.0476	0.00947		mg/Kg-dry	1	12/28/21 9:04:14
Aroclor 1254	0.116	0.0476	0.00947		mg/Kg-dry	1	12/28/21 9:04:14
Aroclor 1260	ND	0.0476	0.00947		mg/Kg-dry	1	12/28/21 9:04:14
Aroclor 1262	ND	0.0476	0.00947		mg/Kg-dry	1	12/28/21 9:04:14
Aroclor 1268	ND	0.0476	0.00947		mg/Kg-dry	1	12/28/21 9:04:14
Total PCBs	0.116	0.0476	0.00947		mg/Kg-dry	1	12/28/21 9:04:14
Surr: Decachlorobiphenyl	122	25.9 - 167			%Rec	1	12/28/21 9:04:14
Surr: Tetrachloro-m-xylene	138	31.3 - 173			%Rec	1	12/28/21 9:04:14
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34854		Analyst: EH	
Copper	2,080	96.4	18.1		D mg/Kg-dry	100	12/27/21 14:06:53
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72188		Analyst: OK	
Percent Moisture	19.0	0.500	0.100		wt%	1	12/27/21 8:51:13



Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-030
Client Sample ID: A4-SIDE57:12

Collection Date: 12/14/2021 11:30:00 AM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34883		Analyst: SB	
Aroclor 1016	ND	0.0481	0.00775		mg/Kg-dry	1	12/29/21 12:22:50
Aroclor 1221	ND	0.0481	0.00775		mg/Kg-dry	1	12/29/21 12:22:50
Aroclor 1232	ND	0.0481	0.00775		mg/Kg-dry	1	12/29/21 12:22:50
Aroclor 1242	ND	0.0481	0.00775		mg/Kg-dry	1	12/29/21 12:22:50
Aroclor 1248	ND	0.0481	0.00957		mg/Kg-dry	1	12/29/21 12:22:50
Aroclor 1254	0.0993	0.0481	0.00957		mg/Kg-dry	1	12/29/21 12:22:50
Aroclor 1260	ND	0.0481	0.00957		mg/Kg-dry	1	12/29/21 12:22:50
Aroclor 1262	ND	0.0481	0.00957		mg/Kg-dry	1	12/29/21 12:22:50
Aroclor 1268	ND	0.0481	0.00957		mg/Kg-dry	1	12/29/21 12:22:50
Total PCBs	0.0993	0.0481	0.00957		mg/Kg-dry	1	12/29/21 12:22:50
Surr: Decachlorobiphenyl	103	25.9 - 167			%Rec	1	12/29/21 12:22:50
Surr: Tetrachloro-m-xylene	115	31.3 - 173			%Rec	1	12/29/21 12:22:50
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34875		Analyst: EH	
Copper	227	9.44	1.77		D mg/Kg-dry	10	12/28/21 15:42:54
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72219		Analyst: OK	
Percent Moisture	16.6	0.500	0.100		wt%	1	12/28/21 10:37:20



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-034
Client Sample ID: A4-SIDE58:2

Collection Date: 12/14/2021 11:38:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0428	0.00690		mg/Kg-dry	1	12/16/21 17:01:00
Aroclor 1221	ND	0.0428	0.00690		mg/Kg-dry	1	12/16/21 17:01:00
Aroclor 1232	ND	0.0428	0.00690		mg/Kg-dry	1	12/16/21 17:01:00
Aroclor 1242	ND	0.0428	0.00690		mg/Kg-dry	1	12/16/21 17:01:00
Aroclor 1248	ND	0.0428	0.00852		mg/Kg-dry	1	12/16/21 17:01:00
Aroclor 1254	0.810	0.0428	0.00852		mg/Kg-dry	1	12/16/21 17:01:00
Aroclor 1260	ND	0.0428	0.00852		mg/Kg-dry	1	12/16/21 17:01:00
Aroclor 1262	ND	0.0428	0.00852		mg/Kg-dry	1	12/16/21 17:01:00
Aroclor 1268	ND	0.0428	0.00852		mg/Kg-dry	1	12/16/21 17:01:00
Total PCBs	0.810	0.0428	0.00852		mg/Kg-dry	1	12/16/21 17:01:00
Surr: Decachlorobiphenyl	89.1	25.9 - 167			%Rec	1	12/16/21 17:01:00
Surr: Tetrachloro-m-xylene	85.6	31.3 - 173			%Rec	1	12/16/21 17:01:00
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	601	17.9	3.35		D mg/Kg-dry	20	12/17/21 10:40:55
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	13.5	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-035
Client Sample ID: A4-SIDE201:2

Collection Date: 12/14/2021 3:01:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0423	0.00682		mg/Kg-dry	1	12/16/21 17:10:47
Aroclor 1221	ND	0.0423	0.00682		mg/Kg-dry	1	12/16/21 17:10:47
Aroclor 1232	ND	0.0423	0.00682		mg/Kg-dry	1	12/16/21 17:10:47
Aroclor 1242	ND	0.0423	0.00682		mg/Kg-dry	1	12/16/21 17:10:47
Aroclor 1248	ND	0.0423	0.00842		mg/Kg-dry	1	12/16/21 17:10:47
Aroclor 1254	1.32	0.423	0.0842	D	mg/Kg-dry	10	12/16/21 18:09:10
Aroclor 1260	ND	0.0423	0.00842		mg/Kg-dry	1	12/16/21 17:10:47
Aroclor 1262	ND	0.0423	0.00842		mg/Kg-dry	1	12/16/21 17:10:47
Aroclor 1268	ND	0.0423	0.00842		mg/Kg-dry	1	12/16/21 17:10:47
Total PCBs	1.32	0.423	0.0842	D	mg/Kg-dry	10	12/16/21 18:09:10
Surr: Decachlorobiphenyl	89.0	25.9 - 167			%Rec	1	12/16/21 17:10:47
Surr: Tetrachloro-m-xylene	78.5	31.3 - 173			%Rec	1	12/16/21 17:10:47
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	3,400	91.1	17.1	D	mg/Kg-dry	100	12/17/21 10:42:05
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	14.3	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-036
Client Sample ID: A4-SIDE58:6

Collection Date: 12/14/2021 11:43:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0440	0.00709		mg/Kg-dry	1	12/16/21 17:20:31
Aroclor 1221	ND	0.0440	0.00709		mg/Kg-dry	1	12/16/21 17:20:31
Aroclor 1232	ND	0.0440	0.00709		mg/Kg-dry	1	12/16/21 17:20:31
Aroclor 1242	ND	0.0440	0.00709		mg/Kg-dry	1	12/16/21 17:20:31
Aroclor 1248	ND	0.0440	0.00875		mg/Kg-dry	1	12/16/21 17:20:31
Aroclor 1254	0.0591	0.0440	0.00875		mg/Kg-dry	1	12/16/21 17:20:31
Aroclor 1260	ND	0.0440	0.00875		mg/Kg-dry	1	12/16/21 17:20:31
Aroclor 1262	ND	0.0440	0.00875		mg/Kg-dry	1	12/16/21 17:20:31
Aroclor 1268	ND	0.0440	0.00875		mg/Kg-dry	1	12/16/21 17:20:31
Total PCBs	0.0591	0.0440	0.00875		mg/Kg-dry	1	12/16/21 17:20:31
Surr: Decachlorobiphenyl	85.2	25.9 - 167			%Rec	1	12/16/21 17:20:31
Surr: Tetrachloro-m-xylene	96.1	31.3 - 173			%Rec	1	12/16/21 17:20:31
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	1,110	96.2	18.0		D mg/Kg-dry	100	12/17/21 10:43:14
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	20.1	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-037
Client Sample ID: A4-SIDE59:2

Collection Date: 12/14/2021 11:48:00 AM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0407	0.00655		mg/Kg-dry	1	12/16/21 17:30:16
Aroclor 1221	ND	0.0407	0.00655		mg/Kg-dry	1	12/16/21 17:30:16
Aroclor 1232	ND	0.0407	0.00655		mg/Kg-dry	1	12/16/21 17:30:16
Aroclor 1242	ND	0.0407	0.00655		mg/Kg-dry	1	12/16/21 17:30:16
Aroclor 1248	ND	0.0407	0.00808		mg/Kg-dry	1	12/16/21 17:30:16
Aroclor 1254	0.126	0.0407	0.00808		mg/Kg-dry	1	12/16/21 17:30:16
Aroclor 1260	ND	0.0407	0.00808		mg/Kg-dry	1	12/16/21 17:30:16
Aroclor 1262	ND	0.0407	0.00808		mg/Kg-dry	1	12/16/21 17:30:16
Aroclor 1268	ND	0.0407	0.00808		mg/Kg-dry	1	12/16/21 17:30:16
Total PCBs	0.126	0.0407	0.00808		mg/Kg-dry	1	12/16/21 17:30:16
Surr: Decachlorobiphenyl	99.1	25.9 - 167			%Rec	1	12/16/21 17:30:16
Surr: Tetrachloro-m-xylene	103	31.3 - 173			%Rec	1	12/16/21 17:30:16
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	1,820	87.3	16.3		D mg/Kg-dry	100	12/17/21 10:44:24
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	12.5	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-038
Client Sample ID: A4-SIDE59:6

Collection Date: 12/14/2021 11:52:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0448	0.00722		mg/Kg-dry	1	12/16/21 17:39:59
Aroclor 1221	ND	0.0448	0.00722		mg/Kg-dry	1	12/16/21 17:39:59
Aroclor 1232	ND	0.0448	0.00722		mg/Kg-dry	1	12/16/21 17:39:59
Aroclor 1242	ND	0.0448	0.00722		mg/Kg-dry	1	12/16/21 17:39:59
Aroclor 1248	ND	0.0448	0.00891		mg/Kg-dry	1	12/16/21 17:39:59
Aroclor 1254	0.285	0.0448	0.00891		mg/Kg-dry	1	12/16/21 17:39:59
Aroclor 1260	ND	0.0448	0.00891		mg/Kg-dry	1	12/16/21 17:39:59
Aroclor 1262	ND	0.0448	0.00891		mg/Kg-dry	1	12/16/21 17:39:59
Aroclor 1268	ND	0.0448	0.00891		mg/Kg-dry	1	12/16/21 17:39:59
Total PCBs	0.285	0.0448	0.00891		mg/Kg-dry	1	12/16/21 17:39:59
Surr: Decachlorobiphenyl	98.7	25.9 - 167			%Rec	1	12/16/21 17:39:59
Surr: Tetrachloro-m-xylene	112	31.3 - 173			%Rec	1	12/16/21 17:39:59
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	1,780	91.3	17.1		D mg/Kg-dry	100	12/17/21 10:45:34
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	18.9	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-040
Client Sample ID: A4-SIDE59:8

Collection Date: 12/14/2021 11:54:00 AM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34814		Analyst: SB	
Aroclor 1016	ND	0.0648	0.0104		mg/Kg-dry	1	12/21/21 16:07:30
Aroclor 1221	ND	0.0648	0.0104		mg/Kg-dry	1	12/21/21 16:07:30
Aroclor 1232	ND	0.0648	0.0104		mg/Kg-dry	1	12/21/21 16:07:30
Aroclor 1242	ND	0.0648	0.0104		mg/Kg-dry	1	12/21/21 16:07:30
Aroclor 1248	ND	0.0648	0.0129		mg/Kg-dry	1	12/21/21 16:07:30
Aroclor 1254	0.129	0.0648	0.0129		mg/Kg-dry	1	12/21/21 16:07:30
Aroclor 1260	ND	0.0648	0.0129		mg/Kg-dry	1	12/21/21 16:07:30
Aroclor 1262	ND	0.0648	0.0129		mg/Kg-dry	1	12/21/21 16:07:30
Aroclor 1268	ND	0.0648	0.0129		mg/Kg-dry	1	12/21/21 16:07:30
Total PCBs	0.129	0.0648	0.0129		mg/Kg-dry	1	12/21/21 16:07:30
Surr: Decachlorobiphenyl	83.8	25.9 - 167			%Rec	1	12/21/21 16:07:30
Surr: Tetrachloro-m-xylene	106	31.3 - 173			%Rec	1	12/21/21 16:07:30
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34811		Analyst: EH	
Copper	1,180	10.5	1.97		D mg/Kg-dry	10	12/22/21 9:53:07
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72089		Analyst: ALB	
Percent Moisture	27.5	0.500	0.100		wt%	1	12/20/21 14:28:16



Analytical Report

Work Order: 2112242
 Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-041
Client Sample ID: A4-SIDE59:9

Collection Date: 12/14/2021 11:55:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34857		Analyst: SB	
Aroclor 1016	ND	0.0547	0.00881		mg/Kg-dry	1	12/28/21 10:04:39
Aroclor 1221	ND	0.0547	0.00881		mg/Kg-dry	1	12/28/21 10:04:39
Aroclor 1232	ND	0.0547	0.00881		mg/Kg-dry	1	12/28/21 10:04:39
Aroclor 1242	ND	0.0547	0.00881		mg/Kg-dry	1	12/28/21 10:04:39
Aroclor 1248	ND	0.0547	0.0109		mg/Kg-dry	1	12/28/21 10:04:39
Aroclor 1254	1.36	0.0547	0.0109		mg/Kg-dry	1	12/28/21 10:04:39
Aroclor 1260	ND	0.0547	0.0109		mg/Kg-dry	1	12/28/21 10:04:39
Aroclor 1262	ND	0.0547	0.0109		mg/Kg-dry	1	12/28/21 10:04:39
Aroclor 1268	ND	0.0547	0.0109		mg/Kg-dry	1	12/28/21 10:04:39
Total PCBs	1.36	0.0547	0.0109		mg/Kg-dry	1	12/28/21 10:04:39
Surr: Decachlorobiphenyl	94.7	25.9 - 167			%Rec	1	12/28/21 10:04:39
Surr: Tetrachloro-m-xylene	95.3	31.3 - 173			%Rec	1	12/28/21 10:04:39
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34854		Analyst: EH	
Copper	4,530	1,030	193		D mg/Kg-dry	1000	12/27/21 14:08:09
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72188		Analyst: OK	
Percent Moisture	24.8	0.500	0.100		wt%	1	12/27/21 8:51:13



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-042
Client Sample ID: A4-SIDE59:10

Collection Date: 12/14/2021 11:59:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34883		Analyst: SB	
Aroclor 1016	ND	0.0463	0.00745		mg/Kg-dry	1	12/29/21 12:42:23
Aroclor 1221	ND	0.0463	0.00745		mg/Kg-dry	1	12/29/21 12:42:23
Aroclor 1232	ND	0.0463	0.00745		mg/Kg-dry	1	12/29/21 12:42:23
Aroclor 1242	ND	0.0463	0.00745		mg/Kg-dry	1	12/29/21 12:42:23
Aroclor 1248	ND	0.0463	0.00919		mg/Kg-dry	1	12/29/21 12:42:23
Aroclor 1254	0.223	0.0463	0.00919		mg/Kg-dry	1	12/29/21 12:42:23
Aroclor 1260	ND	0.0463	0.00919		mg/Kg-dry	1	12/29/21 12:42:23
Aroclor 1262	ND	0.0463	0.00919		mg/Kg-dry	1	12/29/21 12:42:23
Aroclor 1268	ND	0.0463	0.00919		mg/Kg-dry	1	12/29/21 12:42:23
Total PCBs	0.223	0.0463	0.00919		mg/Kg-dry	1	12/29/21 12:42:23
Surr: Decachlorobiphenyl	101	25.9 - 167			%Rec	1	12/29/21 12:42:23
Surr: Tetrachloro-m-xylene	137	31.3 - 173			%Rec	1	12/29/21 12:42:23
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34875		Analyst: EH	
Copper	1,610	9.38	1.76		D mg/Kg-dry	10	12/28/21 15:45:34
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72219		Analyst: OK	
Percent Moisture	16.1	0.500	0.100		wt%	1	12/28/21 10:37:20



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-043
Client Sample ID: A4-SIDE59:11

Collection Date: 12/14/2021 12:00:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34918		Analyst: SB	
Aroclor 1016	ND	0.0417	0.00671		mg/Kg-dry	1	01/04/22 10:30:57
Aroclor 1221	ND	0.0417	0.00671		mg/Kg-dry	1	01/04/22 10:30:57
Aroclor 1232	ND	0.0417	0.00671		mg/Kg-dry	1	01/04/22 10:30:57
Aroclor 1242	ND	0.0417	0.00671		mg/Kg-dry	1	01/04/22 10:30:57
Aroclor 1248	ND	0.0417	0.00828		mg/Kg-dry	1	01/04/22 10:30:57
Aroclor 1254	0.308	0.0417	0.00828		mg/Kg-dry	1	01/04/22 10:30:57
Aroclor 1260	ND	0.0417	0.00828		mg/Kg-dry	1	01/04/22 10:30:57
Aroclor 1262	ND	0.0417	0.00828		mg/Kg-dry	1	01/04/22 10:30:57
Aroclor 1268	ND	0.0417	0.00828		mg/Kg-dry	1	01/04/22 10:30:57
Total PCBs	0.308	0.0417	0.00828		mg/Kg-dry	1	01/04/22 10:30:57
Surr: Decachlorobiphenyl	88.0	25.9 - 167			%Rec	1	01/04/22 10:30:57
Surr: Tetrachloro-m-xylene	98.2	31.3 - 173			%Rec	1	01/04/22 10:30:57
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34921		Analyst: EH	
Copper	964	8.54	1.60		D mg/Kg-dry	10	01/04/22 12:05:55
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72294		Analyst: OK	
Percent Moisture	11.9	0.500	0.100		wt%	1	12/31/21 8:53:06



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-044
Client Sample ID: A4-SIDE59:12

Collection Date: 12/14/2021 12:01:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34947		Analyst: SB	
Aroclor 1016	ND	0.0497	0.00801		mg/Kg-dry	1	01/05/22 16:50:05
Aroclor 1221	ND	0.0497	0.00801		mg/Kg-dry	1	01/05/22 16:50:05
Aroclor 1232	ND	0.0497	0.00801		mg/Kg-dry	1	01/05/22 16:50:05
Aroclor 1242	ND	0.0497	0.00801		mg/Kg-dry	1	01/05/22 16:50:05
Aroclor 1248	ND	0.0497	0.00988		mg/Kg-dry	1	01/05/22 16:50:05
Aroclor 1254	0.296	0.0497	0.00988		mg/Kg-dry	1	01/05/22 16:50:05
Aroclor 1260	ND	0.0497	0.00988		mg/Kg-dry	1	01/05/22 16:50:05
Aroclor 1262	ND	0.0497	0.00988		mg/Kg-dry	1	01/05/22 16:50:05
Aroclor 1268	ND	0.0497	0.00988		mg/Kg-dry	1	01/05/22 16:50:05
Total PCBs	0.296	0.0497	0.00988		mg/Kg-dry	1	01/05/22 16:50:05
Surr: Decachlorobiphenyl	56.5	25.9 - 167			%Rec	1	01/05/22 16:50:05
Surr: Tetrachloro-m-xylene	51.7	31.3 - 173			%Rec	1	01/05/22 16:50:05
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34949		Analyst: EH	
Copper	2,120	9.94	1.86		D mg/Kg-dry	10	01/06/22 12:33:23
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72350		Analyst: CB	
Percent Moisture	22.0	0.500	0.100		wt%	1	01/05/22 10:47:56



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-045
Client Sample ID: A4-SIDE59:13

Collection Date: 12/14/2021 12:05:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34986		Analyst: SB	
Aroclor 1016	ND	0.0450	0.00725		mg/Kg-dry	1	01/10/22 15:25:58
Aroclor 1221	ND	0.0450	0.00725		mg/Kg-dry	1	01/10/22 15:25:58
Aroclor 1232	ND	0.0450	0.00725		mg/Kg-dry	1	01/10/22 15:25:58
Aroclor 1242	ND	0.0450	0.00725		mg/Kg-dry	1	01/10/22 15:25:58
Aroclor 1248	ND	0.0450	0.00894		mg/Kg-dry	1	01/10/22 15:25:58
Aroclor 1254	0.161	0.0450	0.00894		mg/Kg-dry	1	01/10/22 15:25:58
Aroclor 1260	ND	0.0450	0.00894		mg/Kg-dry	1	01/10/22 15:25:58
Aroclor 1262	ND	0.0450	0.00894		mg/Kg-dry	1	01/10/22 15:25:58
Aroclor 1268	ND	0.0450	0.00894		mg/Kg-dry	1	01/10/22 15:25:58
Total PCBs	0.161	0.0450	0.00894		mg/Kg-dry	1	01/10/22 15:25:58
Surr: Decachlorobiphenyl	51.6	25.9 - 167			%Rec	1	01/10/22 15:25:58
Surr: Tetrachloro-m-xylene	53.0	31.3 - 173			%Rec	1	01/10/22 15:25:58
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34980		Analyst: EH	
Copper	1,000	9.77	1.83		D mg/Kg-dry	10	01/11/22 13:55:16
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72447		Analyst: CB	
Percent Moisture	21.9	0.500	0.100		wt%	1	01/10/22 10:56:33



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-046
Client Sample ID: A4-SIDE59:14

Collection Date: 12/14/2021 12:06:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 35016		Analyst: SB	
Aroclor 1016	ND	0.0502	0.00809		mg/Kg-dry	1	01/13/22 14:49:38
Aroclor 1221	ND	0.0502	0.00809		mg/Kg-dry	1	01/13/22 14:49:38
Aroclor 1232	ND	0.0502	0.00809		mg/Kg-dry	1	01/13/22 14:49:38
Aroclor 1242	ND	0.0502	0.00809		mg/Kg-dry	1	01/13/22 14:49:38
Aroclor 1248	ND	0.0502	0.00998		mg/Kg-dry	1	01/13/22 14:49:38
Aroclor 1254	0.0420	0.0502	0.00998	J	mg/Kg-dry	1	01/13/22 14:49:38
Aroclor 1260	ND	0.0502	0.00998		mg/Kg-dry	1	01/13/22 14:49:38
Aroclor 1262	ND	0.0502	0.00998		mg/Kg-dry	1	01/13/22 14:49:38
Aroclor 1268	ND	0.0502	0.00998		mg/Kg-dry	1	01/13/22 14:49:38
Total PCBs	0.0420	0.0502	0.00998	J	mg/Kg-dry	1	01/13/22 14:49:38
Surr: Decachlorobiphenyl	48.5	25.9 - 167			%Rec	1	01/13/22 14:49:38
Surr: Tetrachloro-m-xylene	77.9	31.3 - 173			%Rec	1	01/13/22 14:49:38
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 35028		Analyst: EH	
Copper	409	10.4	1.95	D	mg/Kg-dry	10	01/17/22 13:05:32
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72491		Analyst: ALB	
Percent Moisture	23.0	0.500	0.100		wt%	1	01/12/22 9:07:11



Analytical Report

Work Order: 2112242
 Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-047
Client Sample ID: A4-SIDE59:15

Collection Date: 12/14/2021 12:07:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 35055		Analyst: SB	
Aroclor 1016	ND	0.0521	0.00840		mg/Kg-dry	1	01/18/22 12:47:12
Aroclor 1221	ND	0.0521	0.00840		mg/Kg-dry	1	01/18/22 12:47:12
Aroclor 1232	ND	0.0521	0.00840		mg/Kg-dry	1	01/18/22 12:47:12
Aroclor 1242	ND	0.0521	0.00840		mg/Kg-dry	1	01/18/22 12:47:12
Aroclor 1248	ND	0.0521	0.0104		mg/Kg-dry	1	01/18/22 12:47:12
Aroclor 1254	0.165	0.0521	0.0104		mg/Kg-dry	1	01/18/22 12:47:12
Aroclor 1260	ND	0.0521	0.0104		mg/Kg-dry	1	01/18/22 12:47:12
Aroclor 1262	ND	0.0521	0.0104		mg/Kg-dry	1	01/18/22 12:47:12
Aroclor 1268	ND	0.0521	0.0104		mg/Kg-dry	1	01/18/22 12:47:12
Total PCBs	0.165	0.0521	0.0104		mg/Kg-dry	1	01/18/22 12:47:12
Surr: Decachlorobiphenyl	96.0	25.9 - 167			%Rec	1	01/18/22 12:47:12
Surr: Tetrachloro-m-xylene	130	31.3 - 173			%Rec	1	01/18/22 12:47:12
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 35051		Analyst: EH	
Copper	121	11.0	2.06		D mg/Kg-dry	10	01/18/22 13:39:11
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72590		Analyst: ALB	
Percent Moisture	32.1	0.500	0.100		wt%	1	01/17/22 17:11:33



Analytical Report

Work Order: 2112242
 Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-048
Client Sample ID: A4-SIDE60:10

Collection Date: 12/14/2021 12:58:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34766		Analyst: SB	
Aroclor 1016	ND	0.0389	0.00627		mg/Kg-dry	1	12/16/21 17:49:41
Aroclor 1221	ND	0.0389	0.00627		mg/Kg-dry	1	12/16/21 17:49:41
Aroclor 1232	ND	0.0389	0.00627		mg/Kg-dry	1	12/16/21 17:49:41
Aroclor 1242	ND	0.0389	0.00627		mg/Kg-dry	1	12/16/21 17:49:41
Aroclor 1248	ND	0.0389	0.00774		mg/Kg-dry	1	12/16/21 17:49:41
Aroclor 1254	0.535	0.0389	0.00774		mg/Kg-dry	1	12/16/21 17:49:41
Aroclor 1260	ND	0.0389	0.00774		mg/Kg-dry	1	12/16/21 17:49:41
Aroclor 1262	ND	0.0389	0.00774		mg/Kg-dry	1	12/16/21 17:49:41
Aroclor 1268	ND	0.0389	0.00774		mg/Kg-dry	1	12/16/21 17:49:41
Total PCBs	0.535	0.0389	0.00774		mg/Kg-dry	1	12/16/21 17:49:41
Surr: Decachlorobiphenyl	76.6	25.9 - 167			%Rec	1	12/16/21 17:49:41
Surr: Tetrachloro-m-xylene	82.6	31.3 - 173			%Rec	1	12/16/21 17:49:41
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34760		Analyst: EH	
Copper	1,640	91.3	17.1		D mg/Kg-dry	100	12/17/21 10:46:43
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71955		Analyst: ALB	
Percent Moisture	13.7	0.500	0.100		wt%	1	12/15/21 10:32:37



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-049
Client Sample ID: A4-SIDE60:11

Collection Date: 12/14/2021 12:59:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34814		Analyst: SB	
Aroclor 1016	ND	0.0524	0.00844		mg/Kg-dry	1	12/21/21 16:17:13
Aroclor 1221	ND	0.0524	0.00844		mg/Kg-dry	1	12/21/21 16:17:13
Aroclor 1232	ND	0.0524	0.00844		mg/Kg-dry	1	12/21/21 16:17:13
Aroclor 1242	ND	0.0524	0.00844		mg/Kg-dry	1	12/21/21 16:17:13
Aroclor 1248	ND	0.0524	0.0104		mg/Kg-dry	1	12/21/21 16:17:13
Aroclor 1254	0.437	0.0524	0.0104		mg/Kg-dry	1	12/21/21 16:17:13
Aroclor 1260	ND	0.0524	0.0104		mg/Kg-dry	1	12/21/21 16:17:13
Aroclor 1262	ND	0.0524	0.0104		mg/Kg-dry	1	12/21/21 16:17:13
Aroclor 1268	ND	0.0524	0.0104		mg/Kg-dry	1	12/21/21 16:17:13
Total PCBs	0.437	0.0524	0.0104		mg/Kg-dry	1	12/21/21 16:17:13
Surr: Decachlorobiphenyl	90.7	25.9 - 167			%Rec	1	12/21/21 16:17:13
Surr: Tetrachloro-m-xylene	104	31.3 - 173			%Rec	1	12/21/21 16:17:13
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34811		Analyst: EH	
Copper	3,060	90.7	17.0		D mg/Kg-dry	100	12/22/21 9:55:37
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72089		Analyst: ALB	
Percent Moisture	13.2	0.500	0.100		wt%	1	12/20/21 14:28:16



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-050
Client Sample ID: A4-SIDE60:11.5

Collection Date: 12/14/2021 1:00:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34857		Analyst: SB	
Aroclor 1016	ND	0.0449	0.00723		mg/Kg-dry	1	12/28/21 9:45:12
Aroclor 1221	ND	0.0449	0.00723		mg/Kg-dry	1	12/28/21 9:45:12
Aroclor 1232	ND	0.0449	0.00723		mg/Kg-dry	1	12/28/21 9:45:12
Aroclor 1242	ND	0.0449	0.00723		mg/Kg-dry	1	12/28/21 9:45:12
Aroclor 1248	ND	0.0449	0.00893		mg/Kg-dry	1	12/28/21 9:45:12
Aroclor 1254	0.890	0.0449	0.00893		mg/Kg-dry	1	12/28/21 9:45:12
Aroclor 1260	ND	0.0449	0.00893		mg/Kg-dry	1	12/28/21 9:45:12
Aroclor 1262	ND	0.0449	0.00893		mg/Kg-dry	1	12/28/21 9:45:12
Aroclor 1268	ND	0.0449	0.00893		mg/Kg-dry	1	12/28/21 9:45:12
Total PCBs	0.890	0.0449	0.00893		mg/Kg-dry	1	12/28/21 9:45:12
Surr: Decachlorobiphenyl	96.6	25.9 - 167			%Rec	1	12/28/21 9:45:12
Surr: Tetrachloro-m-xylene	124	31.3 - 173			%Rec	1	12/28/21 9:45:12
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34854		Analyst: EH	
Copper	2,530	908	170	D	mg/Kg-dry	1000	12/27/21 14:09:25
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72188		Analyst: OK	
Percent Moisture	13.9	0.500	0.100		wt%	1	12/27/21 8:51:13



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-051
Client Sample ID: A4-SIDE60:13

Collection Date: 12/14/2021 1:04:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34883		Analyst: SB	
Aroclor 1016	ND	0.0479	0.00772		mg/Kg-dry	1	12/29/21 12:52:12
Aroclor 1221	ND	0.0479	0.00772		mg/Kg-dry	1	12/29/21 12:52:12
Aroclor 1232	ND	0.0479	0.00772		mg/Kg-dry	1	12/29/21 12:52:12
Aroclor 1242	ND	0.0479	0.00772		mg/Kg-dry	1	12/29/21 12:52:12
Aroclor 1248	ND	0.0479	0.00952		mg/Kg-dry	1	12/29/21 12:52:12
Aroclor 1254	0.662	0.0479	0.00952		mg/Kg-dry	1	12/29/21 12:52:12
Aroclor 1260	ND	0.0479	0.00952		mg/Kg-dry	1	12/29/21 12:52:12
Aroclor 1262	ND	0.0479	0.00952		mg/Kg-dry	1	12/29/21 12:52:12
Aroclor 1268	ND	0.0479	0.00952		mg/Kg-dry	1	12/29/21 12:52:12
Total PCBs	0.662	0.0479	0.00952		mg/Kg-dry	1	12/29/21 12:52:12
Surr: Decachlorobiphenyl	111	25.9 - 167			%Rec	1	12/29/21 12:52:12
Surr: Tetrachloro-m-xylene	138	31.3 - 173			%Rec	1	12/29/21 12:52:12
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34875		Analyst: EH	
Copper	2,480	90.2	16.9		D mg/Kg-dry	100	12/29/21 11:56:27
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72219		Analyst: OK	
Percent Moisture	15.3	0.500	0.100		wt%	1	12/28/21 10:37:20



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-052
Client Sample ID: A4-SIDE60:14

Collection Date: 12/14/2021 1:05:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34918		Analyst: SB	
Aroclor 1016	ND	0.0459	0.00739		mg/Kg-dry	1	01/04/22 11:00:14
Aroclor 1221	ND	0.0459	0.00739		mg/Kg-dry	1	01/04/22 11:00:14
Aroclor 1232	ND	0.0459	0.00739		mg/Kg-dry	1	01/04/22 11:00:14
Aroclor 1242	ND	0.0459	0.00739		mg/Kg-dry	1	01/04/22 11:00:14
Aroclor 1248	ND	0.0459	0.00912		mg/Kg-dry	1	01/04/22 11:00:14
Aroclor 1254	0.146	0.0459	0.00912		mg/Kg-dry	1	01/04/22 11:00:14
Aroclor 1260	ND	0.0459	0.00912		mg/Kg-dry	1	01/04/22 11:00:14
Aroclor 1262	ND	0.0459	0.00912		mg/Kg-dry	1	01/04/22 11:00:14
Aroclor 1268	ND	0.0459	0.00912		mg/Kg-dry	1	01/04/22 11:00:14
Total PCBs	0.146	0.0459	0.00912		mg/Kg-dry	1	01/04/22 11:00:14
Surr: Decachlorobiphenyl	105	25.9 - 167			%Rec	1	01/04/22 11:00:14
Surr: Tetrachloro-m-xylene	133	31.3 - 173			%Rec	1	01/04/22 11:00:14
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34921		Analyst: EH	
Copper	354	9.34	1.75		D mg/Kg-dry	10	01/04/22 12:08:34
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72294		Analyst: OK	
Percent Moisture	19.5	0.500	0.100		wt%	1	12/31/21 8:53:06



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-053
Client Sample ID: A4-SIDE60:15

Collection Date: 12/14/2021 1:06:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34947		Analyst: SB	
Aroclor 1016	ND	0.0539	0.00868		mg/Kg-dry	1	01/05/22 17:19:19
Aroclor 1221	ND	0.0539	0.00868		mg/Kg-dry	1	01/05/22 17:19:19
Aroclor 1232	ND	0.0539	0.00868		mg/Kg-dry	1	01/05/22 17:19:19
Aroclor 1242	ND	0.0539	0.00868		mg/Kg-dry	1	01/05/22 17:19:19
Aroclor 1248	ND	0.0539	0.0107		mg/Kg-dry	1	01/05/22 17:19:19
Aroclor 1254	0.167	0.0539	0.0107		mg/Kg-dry	1	01/05/22 17:19:19
Aroclor 1260	ND	0.0539	0.0107		mg/Kg-dry	1	01/05/22 17:19:19
Aroclor 1262	ND	0.0539	0.0107		mg/Kg-dry	1	01/05/22 17:19:19
Aroclor 1268	ND	0.0539	0.0107		mg/Kg-dry	1	01/05/22 17:19:19
Total PCBs	0.167	0.0539	0.0107		mg/Kg-dry	1	01/05/22 17:19:19
Surr: Decachlorobiphenyl	59.6	25.9 - 167			%Rec	1	01/05/22 17:19:19
Surr: Tetrachloro-m-xylene	53.9	31.3 - 173			%Rec	1	01/05/22 17:19:19
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34949		Analyst: EH	
Copper	168	1.09	0.204		mg/Kg-dry	1	01/06/22 12:14:49
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72350		Analyst: CB	
Percent Moisture	26.5	0.500	0.100		wt%	1	01/05/22 10:47:56



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-054
Client Sample ID: A4-SIDE61:2

Collection Date: 12/14/2021 1:16:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34765		Analyst: SB	
Aroclor 1016	ND	0.0433	0.00698		mg/Kg-dry	1	12/16/21 13:34:47
Aroclor 1221	ND	0.0433	0.00698		mg/Kg-dry	1	12/16/21 13:34:47
Aroclor 1232	ND	0.0433	0.00698		mg/Kg-dry	1	12/16/21 13:34:47
Aroclor 1242	ND	0.0433	0.00698		mg/Kg-dry	1	12/16/21 13:34:47
Aroclor 1248	ND	0.0433	0.00861		mg/Kg-dry	1	12/16/21 13:34:47
Aroclor 1254	0.208	0.0433	0.00861		mg/Kg-dry	1	12/16/21 13:34:47
Aroclor 1260	ND	0.0433	0.00861		mg/Kg-dry	1	12/16/21 13:34:47
Aroclor 1262	ND	0.0433	0.00861		mg/Kg-dry	1	12/16/21 13:34:47
Aroclor 1268	ND	0.0433	0.00861		mg/Kg-dry	1	12/16/21 13:34:47
Total PCBs	0.208	0.0433	0.00861		mg/Kg-dry	1	12/16/21 13:34:47
Surr: Decachlorobiphenyl	67.3	25.9 - 167			%Rec	1	12/16/21 13:34:47
Surr: Tetrachloro-m-xylene	82.2	31.3 - 173			%Rec	1	12/16/21 13:34:47
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34767		Analyst: EH	
Copper	1,590	91.3	17.1		D mg/Kg-dry	100	12/17/21 13:06:39
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71981		Analyst: OK	
Percent Moisture	18.8	0.500	0.100		wt%	1	12/15/21 16:25:30



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-055
Client Sample ID: A4-SIDE61:5.5

Collection Date: 12/14/2021 1:23:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34765		Analyst: SB	
Aroclor 1016	ND	0.0402	0.00647		mg/Kg-dry	1	12/16/21 13:44:32
Aroclor 1221	ND	0.0402	0.00647		mg/Kg-dry	1	12/16/21 13:44:32
Aroclor 1232	ND	0.0402	0.00647		mg/Kg-dry	1	12/16/21 13:44:32
Aroclor 1242	ND	0.0402	0.00647		mg/Kg-dry	1	12/16/21 13:44:32
Aroclor 1248	ND	0.0402	0.00799		mg/Kg-dry	1	12/16/21 13:44:32
Aroclor 1254	0.127	0.0402	0.00799		mg/Kg-dry	1	12/16/21 13:44:32
Aroclor 1260	ND	0.0402	0.00799		mg/Kg-dry	1	12/16/21 13:44:32
Aroclor 1262	ND	0.0402	0.00799		mg/Kg-dry	1	12/16/21 13:44:32
Aroclor 1268	ND	0.0402	0.00799		mg/Kg-dry	1	12/16/21 13:44:32
Total PCBs	0.127	0.0402	0.00799		mg/Kg-dry	1	12/16/21 13:44:32
Surr: Decachlorobiphenyl	74.8	25.9 - 167			%Rec	1	12/16/21 13:44:32
Surr: Tetrachloro-m-xylene	83.4	31.3 - 173			%Rec	1	12/16/21 13:44:32
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34767		Analyst: EH	
Copper	2,170	92.6	17.3		D mg/Kg-dry	100	12/17/21 13:09:18
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71981		Analyst: OK	
Percent Moisture	16.3	0.500	0.100		wt%	1	12/15/21 16:25:30



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-057
Client Sample ID: A4-SIDE61:8

Collection Date: 12/14/2021 1:26:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34814		Analyst: SB	
Aroclor 1016	ND	0.0513	0.00827		mg/Kg-dry	1	12/21/21 16:26:56
Aroclor 1221	ND	0.0513	0.00827		mg/Kg-dry	1	12/21/21 16:26:56
Aroclor 1232	ND	0.0513	0.00827		mg/Kg-dry	1	12/21/21 16:26:56
Aroclor 1242	ND	0.0513	0.00827		mg/Kg-dry	1	12/21/21 16:26:56
Aroclor 1248	ND	0.0513	0.0102		mg/Kg-dry	1	12/21/21 16:26:56
Aroclor 1254	0.183	0.0513	0.0102		mg/Kg-dry	1	12/21/21 16:26:56
Aroclor 1260	ND	0.0513	0.0102		mg/Kg-dry	1	12/21/21 16:26:56
Aroclor 1262	ND	0.0513	0.0102		mg/Kg-dry	1	12/21/21 16:26:56
Aroclor 1268	ND	0.0513	0.0102		mg/Kg-dry	1	12/21/21 16:26:56
Total PCBs	0.183	0.0513	0.0102		mg/Kg-dry	1	12/21/21 16:26:56
Surr: Decachlorobiphenyl	87.1	25.9 - 167			%Rec	1	12/21/21 16:26:56
Surr: Tetrachloro-m-xylene	99.5	31.3 - 173			%Rec	1	12/21/21 16:26:56
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34811		Analyst: EH	
Copper	852	8.84	1.66		D mg/Kg-dry	10	12/22/21 9:11:21
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72089		Analyst: ALB	
Percent Moisture	12.3	0.500	0.100		wt%	1	12/20/21 14:28:16



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-058
Client Sample ID: A4-SIDE61:10

Collection Date: 12/14/2021 1:29:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34857		Analyst: SB	
Aroclor 1016	ND	0.0469	0.00756		mg/Kg-dry	1	12/28/21 9:35:30
Aroclor 1221	ND	0.0469	0.00756		mg/Kg-dry	1	12/28/21 9:35:30
Aroclor 1232	ND	0.0469	0.00756		mg/Kg-dry	1	12/28/21 9:35:30
Aroclor 1242	ND	0.0469	0.00756		mg/Kg-dry	1	12/28/21 9:35:30
Aroclor 1248	ND	0.0469	0.00932		mg/Kg-dry	1	12/28/21 9:35:30
Aroclor 1254	0.277	0.0469	0.00932		mg/Kg-dry	1	12/28/21 9:35:30
Aroclor 1260	ND	0.0469	0.00932		mg/Kg-dry	1	12/28/21 9:35:30
Aroclor 1262	ND	0.0469	0.00932		mg/Kg-dry	1	12/28/21 9:35:30
Aroclor 1268	ND	0.0469	0.00932		mg/Kg-dry	1	12/28/21 9:35:30
Total PCBs	0.277	0.0469	0.00932		mg/Kg-dry	1	12/28/21 9:35:30
Surr: Decachlorobiphenyl	73.4	25.9 - 167			%Rec	1	12/28/21 9:35:30
Surr: Tetrachloro-m-xylene	98.7	31.3 - 173			%Rec	1	12/28/21 9:35:30
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34854		Analyst: EH	
Copper	1,410	9.06	1.70		D mg/Kg-dry	10	12/27/21 12:57:24
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72188		Analyst: OK	
Percent Moisture	15.1	0.500	0.100		wt%	1	12/27/21 8:51:13



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-059
Client Sample ID: A4-SIDE61:11

Collection Date: 12/14/2021 1:30:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34883		Analyst: SB	
Aroclor 1016	ND	0.0440	0.00708		mg/Kg-dry	1	12/29/21 13:01:57
Aroclor 1221	ND	0.0440	0.00708		mg/Kg-dry	1	12/29/21 13:01:57
Aroclor 1232	ND	0.0440	0.00708		mg/Kg-dry	1	12/29/21 13:01:57
Aroclor 1242	ND	0.0440	0.00708		mg/Kg-dry	1	12/29/21 13:01:57
Aroclor 1248	ND	0.0440	0.00874		mg/Kg-dry	1	12/29/21 13:01:57
Aroclor 1254	1.00	0.0440	0.00874		mg/Kg-dry	1	12/29/21 13:01:57
Aroclor 1260	ND	0.0440	0.00874		mg/Kg-dry	1	12/29/21 13:01:57
Aroclor 1262	ND	0.0440	0.00874		mg/Kg-dry	1	12/29/21 13:01:57
Aroclor 1268	ND	0.0440	0.00874		mg/Kg-dry	1	12/29/21 13:01:57
Total PCBs	1.00	0.0440	0.00874		mg/Kg-dry	1	12/29/21 13:01:57
Surr: Decachlorobiphenyl	109	25.9 - 167			%Rec	1	12/29/21 13:01:57
Surr: Tetrachloro-m-xylene	125	31.3 - 173			%Rec	1	12/29/21 13:01:57
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34875		Analyst: EH	
Copper	1,510	9.00	1.68		D mg/Kg-dry	10	12/28/21 15:50:51
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72219		Analyst: OK	
Percent Moisture	14.5	0.500	0.100		wt%	1	12/28/21 10:37:20



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-060
Client Sample ID: A4-SIDE61:12

Collection Date: 12/14/2021 1:31:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34918		Analyst: SB	
Aroclor 1016	ND	0.0426	0.00687		mg/Kg-dry	1	01/04/22 11:09:59
Aroclor 1221	ND	0.0426	0.00687		mg/Kg-dry	1	01/04/22 11:09:59
Aroclor 1232	ND	0.0426	0.00687		mg/Kg-dry	1	01/04/22 11:09:59
Aroclor 1242	ND	0.0426	0.00687		mg/Kg-dry	1	01/04/22 11:09:59
Aroclor 1248	ND	0.0426	0.00848		mg/Kg-dry	1	01/04/22 11:09:59
Aroclor 1254	0.314	0.0426	0.00848		mg/Kg-dry	1	01/04/22 11:09:59
Aroclor 1260	ND	0.0426	0.00848		mg/Kg-dry	1	01/04/22 11:09:59
Aroclor 1262	ND	0.0426	0.00848		mg/Kg-dry	1	01/04/22 11:09:59
Aroclor 1268	ND	0.0426	0.00848		mg/Kg-dry	1	01/04/22 11:09:59
Total PCBs	0.314	0.0426	0.00848		mg/Kg-dry	1	01/04/22 11:09:59
Surr: Decachlorobiphenyl	98.7	25.9 - 167			%Rec	1	01/04/22 11:09:59
Surr: Tetrachloro-m-xylene	110	31.3 - 173			%Rec	1	01/04/22 11:09:59
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34921		Analyst: EH	
Copper	980	9.42	1.76		D mg/Kg-dry	10	01/04/22 12:59:36
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72294		Analyst: OK	
Percent Moisture	15.8	0.500	0.100		wt%	1	12/31/21 8:53:06



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-061
Client Sample ID: A4-SIDE61:13

Collection Date: 12/14/2021 1:32:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34947		Analyst: SB	
Aroclor 1016	ND	0.0442	0.00712		mg/Kg-dry	1	01/05/22 17:29:07
Aroclor 1221	ND	0.0442	0.00712		mg/Kg-dry	1	01/05/22 17:29:07
Aroclor 1232	ND	0.0442	0.00712		mg/Kg-dry	1	01/05/22 17:29:07
Aroclor 1242	ND	0.0442	0.00712		mg/Kg-dry	1	01/05/22 17:29:07
Aroclor 1248	ND	0.0442	0.00878		mg/Kg-dry	1	01/05/22 17:29:07
Aroclor 1254	0.230	0.0442	0.00878		mg/Kg-dry	1	01/05/22 17:29:07
Aroclor 1260	ND	0.0442	0.00878		mg/Kg-dry	1	01/05/22 17:29:07
Aroclor 1262	ND	0.0442	0.00878		mg/Kg-dry	1	01/05/22 17:29:07
Aroclor 1268	ND	0.0442	0.00878		mg/Kg-dry	1	01/05/22 17:29:07
Total PCBs	0.230	0.0442	0.00878		mg/Kg-dry	1	01/05/22 17:29:07
Surr: Decachlorobiphenyl	57.6	25.9 - 167			%Rec	1	01/05/22 17:29:07
Surr: Tetrachloro-m-xylene	56.5	31.3 - 173			%Rec	1	01/05/22 17:29:07
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34949		Analyst: EH	
Copper	1,100	9.21	1.72		D mg/Kg-dry	10	01/06/22 12:51:43
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72350		Analyst: CB	
Percent Moisture	13.9	0.500	0.100		wt%	1	01/05/22 10:47:56



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-062
Client Sample ID: A4-SIDE61:14

Collection Date: 12/14/2021 1:33:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34986		Analyst: SB	
Aroclor 1016	ND	0.0435	0.00701		mg/Kg-dry	1	01/10/22 15:55:22
Aroclor 1221	ND	0.0435	0.00701		mg/Kg-dry	1	01/10/22 15:55:22
Aroclor 1232	ND	0.0435	0.00701		mg/Kg-dry	1	01/10/22 15:55:22
Aroclor 1242	ND	0.0435	0.00701		mg/Kg-dry	1	01/10/22 15:55:22
Aroclor 1248	ND	0.0435	0.00865		mg/Kg-dry	1	01/10/22 15:55:22
Aroclor 1254	0.655	0.0435	0.00865		mg/Kg-dry	1	01/10/22 15:55:22
Aroclor 1260	ND	0.0435	0.00865		mg/Kg-dry	1	01/10/22 15:55:22
Aroclor 1262	ND	0.0435	0.00865		mg/Kg-dry	1	01/10/22 15:55:22
Aroclor 1268	ND	0.0435	0.00865		mg/Kg-dry	1	01/10/22 15:55:22
Total PCBs	0.655	0.0435	0.00865		mg/Kg-dry	1	01/10/22 15:55:22
Surr: Decachlorobiphenyl	71.8	25.9 - 167			%Rec	1	01/10/22 15:55:22
Surr: Tetrachloro-m-xylene	97.5	31.3 - 173			%Rec	1	01/10/22 15:55:22
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34980		Analyst: EH	
Copper	1,360	9.18	1.72		D mg/Kg-dry	10	01/11/22 13:57:55
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72447		Analyst: CB	
Percent Moisture	15.5	0.500	0.100		wt%	1	01/10/22 10:56:33



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-063
Client Sample ID: A4-SIDE61:15

Collection Date: 12/14/2021 1:34:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 35016		Analyst: SB	
Aroclor 1016	ND	0.0436	0.00703		mg/Kg-dry	1	01/13/22 14:59:24
Aroclor 1221	ND	0.0436	0.00703		mg/Kg-dry	1	01/13/22 14:59:24
Aroclor 1232	ND	0.0436	0.00703		mg/Kg-dry	1	01/13/22 14:59:24
Aroclor 1242	ND	0.0436	0.00703		mg/Kg-dry	1	01/13/22 14:59:24
Aroclor 1248	ND	0.0436	0.00867		mg/Kg-dry	1	01/13/22 14:59:24
Aroclor 1254	0.135	0.0436	0.00867		mg/Kg-dry	1	01/13/22 14:59:24
Aroclor 1260	ND	0.0436	0.00867		mg/Kg-dry	1	01/13/22 14:59:24
Aroclor 1262	ND	0.0436	0.00867		mg/Kg-dry	1	01/13/22 14:59:24
Aroclor 1268	ND	0.0436	0.00867		mg/Kg-dry	1	01/13/22 14:59:24
Total PCBs	0.135	0.0436	0.00867		mg/Kg-dry	1	01/13/22 14:59:24
Surr: Decachlorobiphenyl	54.8	25.9 - 167			%Rec	1	01/13/22 14:59:24
Surr: Tetrachloro-m-xylene	60.0	31.3 - 173			%Rec	1	01/13/22 14:59:24
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 35028		Analyst: EH	
Copper	349	9.18	1.72		D mg/Kg-dry	10	01/17/22 13:08:11
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72491		Analyst: ALB	
Percent Moisture	17.4	0.500	0.100		wt%	1	01/12/22 9:07:11



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-064
Client Sample ID: A4-SIDE62:2

Collection Date: 12/14/2021 1:42:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34765		Analyst: SB	
Aroclor 1016	ND	0.0394	0.00634		mg/Kg-dry	1	12/16/21 13:54:17
Aroclor 1221	ND	0.0394	0.00634		mg/Kg-dry	1	12/16/21 13:54:17
Aroclor 1232	ND	0.0394	0.00634		mg/Kg-dry	1	12/16/21 13:54:17
Aroclor 1242	ND	0.0394	0.00634		mg/Kg-dry	1	12/16/21 13:54:17
Aroclor 1248	ND	0.0394	0.00782		mg/Kg-dry	1	12/16/21 13:54:17
Aroclor 1254	0.426	0.0394	0.00782		mg/Kg-dry	1	12/16/21 13:54:17
Aroclor 1260	ND	0.0394	0.00782		mg/Kg-dry	1	12/16/21 13:54:17
Aroclor 1262	ND	0.0394	0.00782		mg/Kg-dry	1	12/16/21 13:54:17
Aroclor 1268	ND	0.0394	0.00782		mg/Kg-dry	1	12/16/21 13:54:17
Total PCBs	0.426	0.0394	0.00782		mg/Kg-dry	1	12/16/21 13:54:17
Surr: Decachlorobiphenyl	74.7	25.9 - 167			%Rec	1	12/16/21 13:54:17
Surr: Tetrachloro-m-xylene	84.5	31.3 - 173			%Rec	1	12/16/21 13:54:17
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34767		Analyst: EH	
Copper	2,820	91.3	17.1		D mg/Kg-dry	100	12/17/21 13:11:57
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71981		Analyst: OK	
Percent Moisture	13.1	0.500	0.100		wt%	1	12/15/21 16:25:30



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-065
Client Sample ID: A4-SIDE62:5

Collection Date: 12/14/2021 1:45:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34765		Analyst: SB	
Aroclor 1016	ND	0.0431	0.00694		mg/Kg-dry	1	12/16/21 14:04:06
Aroclor 1221	ND	0.0431	0.00694		mg/Kg-dry	1	12/16/21 14:04:06
Aroclor 1232	ND	0.0431	0.00694		mg/Kg-dry	1	12/16/21 14:04:06
Aroclor 1242	ND	0.0431	0.00694		mg/Kg-dry	1	12/16/21 14:04:06
Aroclor 1248	ND	0.0431	0.00856		mg/Kg-dry	1	12/16/21 14:04:06
Aroclor 1254	0.0508	0.0431	0.00856		mg/Kg-dry	1	12/16/21 14:04:06
Aroclor 1260	ND	0.0431	0.00856		mg/Kg-dry	1	12/16/21 14:04:06
Aroclor 1262	ND	0.0431	0.00856		mg/Kg-dry	1	12/16/21 14:04:06
Aroclor 1268	ND	0.0431	0.00856		mg/Kg-dry	1	12/16/21 14:04:06
Total PCBs	0.0508	0.0431	0.00856		mg/Kg-dry	1	12/16/21 14:04:06
Surr: Decachlorobiphenyl	75.7	25.9 - 167			%Rec	1	12/16/21 14:04:06
Surr: Tetrachloro-m-xylene	95.3	31.3 - 173			%Rec	1	12/16/21 14:04:06
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34767		Analyst: EH	
Copper	476	4.65	0.869		D mg/Kg-dry	5	12/17/21 12:58:41
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71981		Analyst: OK	
Percent Moisture	17.8	0.500	0.100		wt%	1	12/15/21 16:25:30



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-066
Client Sample ID: A4-SIDE62:6

Collection Date: 12/14/2021 1:46:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34814		Analyst: SB	
Aroclor 1016	ND	0.0484	0.00780		mg/Kg-dry	1	12/21/21 16:36:37
Aroclor 1221	ND	0.0484	0.00780		mg/Kg-dry	1	12/21/21 16:36:37
Aroclor 1232	ND	0.0484	0.00780		mg/Kg-dry	1	12/21/21 16:36:37
Aroclor 1242	ND	0.0484	0.00780		mg/Kg-dry	1	12/21/21 16:36:37
Aroclor 1248	ND	0.0484	0.00962		mg/Kg-dry	1	12/21/21 16:36:37
Aroclor 1254	0.254	0.0484	0.00962		mg/Kg-dry	1	12/21/21 16:36:37
Aroclor 1260	ND	0.0484	0.00962		mg/Kg-dry	1	12/21/21 16:36:37
Aroclor 1262	ND	0.0484	0.00962		mg/Kg-dry	1	12/21/21 16:36:37
Aroclor 1268	ND	0.0484	0.00962		mg/Kg-dry	1	12/21/21 16:36:37
Total PCBs	0.254	0.0484	0.00962		mg/Kg-dry	1	12/21/21 16:36:37
Surr: Decachlorobiphenyl	86.2	25.9 - 167			%Rec	1	12/21/21 16:36:37
Surr: Tetrachloro-m-xylene	102	31.3 - 173			%Rec	1	12/21/21 16:36:37
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34811		Analyst: EH	
Copper	401	8.79	1.65		D mg/Kg-dry	10	12/22/21 9:12:36
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72089		Analyst: ALB	
Percent Moisture	11.9	0.500	0.100		wt%	1	12/20/21 14:28:16



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-068
Client Sample ID: A4-SIDE62:8

Collection Date: 12/14/2021 1:48:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34857		Analyst: SB	
Aroclor 1016	ND	0.0467	0.00753		mg/Kg-dry	1	12/28/21 9:54:56
Aroclor 1221	ND	0.0467	0.00753		mg/Kg-dry	1	12/28/21 9:54:56
Aroclor 1232	ND	0.0467	0.00753		mg/Kg-dry	1	12/28/21 9:54:56
Aroclor 1242	ND	0.0467	0.00753		mg/Kg-dry	1	12/28/21 9:54:56
Aroclor 1248	ND	0.0467	0.00929		mg/Kg-dry	1	12/28/21 9:54:56
Aroclor 1254	0.340	0.0467	0.00929		mg/Kg-dry	1	12/28/21 9:54:56
Aroclor 1260	ND	0.0467	0.00929		mg/Kg-dry	1	12/28/21 9:54:56
Aroclor 1262	ND	0.0467	0.00929		mg/Kg-dry	1	12/28/21 9:54:56
Aroclor 1268	ND	0.0467	0.00929		mg/Kg-dry	1	12/28/21 9:54:56
Total PCBs	0.340	0.0467	0.00929		mg/Kg-dry	1	12/28/21 9:54:56
Surr: Decachlorobiphenyl	113	25.9 - 167			%Rec	1	12/28/21 9:54:56
Surr: Tetrachloro-m-xylene	154	31.3 - 173			%Rec	1	12/28/21 9:54:56
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34854		Analyst: EH	
Copper	352	9.30	1.74		D mg/Kg-dry	10	12/27/21 12:58:40
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72188		Analyst: OK	
Percent Moisture	15.3	0.500	0.100		wt%	1	12/27/21 8:51:13



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-069
Client Sample ID: A4-SIDE62:9

Collection Date: 12/14/2021 1:49:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34883		Analyst: SB	
Aroclor 1016	ND	0.0492	0.00792		mg/Kg-dry	1	12/29/21 13:11:43
Aroclor 1221	ND	0.0492	0.00792		mg/Kg-dry	1	12/29/21 13:11:43
Aroclor 1232	ND	0.0492	0.00792		mg/Kg-dry	1	12/29/21 13:11:43
Aroclor 1242	ND	0.0492	0.00792		mg/Kg-dry	1	12/29/21 13:11:43
Aroclor 1248	ND	0.0492	0.00977		mg/Kg-dry	1	12/29/21 13:11:43
Aroclor 1254	0.138	0.0492	0.00977		mg/Kg-dry	1	12/29/21 13:11:43
Aroclor 1260	ND	0.0492	0.00977		mg/Kg-dry	1	12/29/21 13:11:43
Aroclor 1262	ND	0.0492	0.00977		mg/Kg-dry	1	12/29/21 13:11:43
Aroclor 1268	ND	0.0492	0.00977		mg/Kg-dry	1	12/29/21 13:11:43
Total PCBs	0.138	0.0492	0.00977		mg/Kg-dry	1	12/29/21 13:11:43
Surr: Decachlorobiphenyl	120	25.9 - 167			%Rec	1	12/29/21 13:11:43
Surr: Tetrachloro-m-xylene	141	31.3 - 173			%Rec	1	12/29/21 13:11:43
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34875		Analyst: EH	
Copper	277	9.93	1.86		D mg/Kg-dry	10	12/28/21 15:53:31
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72219		Analyst: OK	
Percent Moisture	19.4	0.500	0.100		wt%	1	12/28/21 10:37:20



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-070
Client Sample ID: A4-SIDE62:10

Collection Date: 12/14/2021 1:52:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34918		Analyst: SB	
Aroclor 1016	ND	0.0495	0.00797		mg/Kg-dry	1	01/04/22 11:19:44
Aroclor 1221	ND	0.0495	0.00797		mg/Kg-dry	1	01/04/22 11:19:44
Aroclor 1232	ND	0.0495	0.00797		mg/Kg-dry	1	01/04/22 11:19:44
Aroclor 1242	ND	0.0495	0.00797		mg/Kg-dry	1	01/04/22 11:19:44
Aroclor 1248	ND	0.0495	0.00984		mg/Kg-dry	1	01/04/22 11:19:44
Aroclor 1254	0.234	0.0495	0.00984		mg/Kg-dry	1	01/04/22 11:19:44
Aroclor 1260	ND	0.0495	0.00984		mg/Kg-dry	1	01/04/22 11:19:44
Aroclor 1262	ND	0.0495	0.00984		mg/Kg-dry	1	01/04/22 11:19:44
Aroclor 1268	ND	0.0495	0.00984		mg/Kg-dry	1	01/04/22 11:19:44
Total PCBs	0.234	0.0495	0.00984		mg/Kg-dry	1	01/04/22 11:19:44
Surr: Decachlorobiphenyl	97.6	25.9 - 167			%Rec	1	01/04/22 11:19:44
Surr: Tetrachloro-m-xylene	111	31.3 - 173			%Rec	1	01/04/22 11:19:44
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34921		Analyst: EH	
Copper	927	9.76	1.83		D mg/Kg-dry	10	01/04/22 12:17:12
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72294		Analyst: OK	
Percent Moisture	22.3	0.500	0.100		wt%	1	12/31/21 8:53:06



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-071
Client Sample ID: A4-SIDE62:11

Collection Date: 12/14/2021 1:53:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34947		Analyst: SB	
Aroclor 1016	ND	0.0527	0.00849		mg/Kg-dry	1	01/05/22 17:38:53
Aroclor 1221	ND	0.0527	0.00849		mg/Kg-dry	1	01/05/22 17:38:53
Aroclor 1232	ND	0.0527	0.00849		mg/Kg-dry	1	01/05/22 17:38:53
Aroclor 1242	ND	0.0527	0.00849		mg/Kg-dry	1	01/05/22 17:38:53
Aroclor 1248	ND	0.0527	0.0105		mg/Kg-dry	1	01/05/22 17:38:53
Aroclor 1254	0.0800	0.0527	0.0105		mg/Kg-dry	1	01/05/22 17:38:53
Aroclor 1260	ND	0.0527	0.0105		mg/Kg-dry	1	01/05/22 17:38:53
Aroclor 1262	ND	0.0527	0.0105		mg/Kg-dry	1	01/05/22 17:38:53
Aroclor 1268	ND	0.0527	0.0105		mg/Kg-dry	1	01/05/22 17:38:53
Total PCBs	0.0800	0.0527	0.0105		mg/Kg-dry	1	01/05/22 17:38:53
Surr: Decachlorobiphenyl	56.7	25.9 - 167			%Rec	1	01/05/22 17:38:53
Surr: Tetrachloro-m-xylene	65.0	31.3 - 173			%Rec	1	01/05/22 17:38:53
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34949		Analyst: EH	
Copper	175	10.2	1.91		D mg/Kg-dry	10	01/06/22 12:54:22
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72350		Analyst: CB	
Percent Moisture	23.9	0.500	0.100		wt%	1	01/05/22 10:47:56



Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-076
Client Sample ID: A4-SIDE63:2

Collection Date: 12/14/2021 2:15:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34765		Analyst: SB	
Aroclor 1016	ND	0.0438	0.00706		mg/Kg-dry	1	12/16/21 14:13:53
Aroclor 1221	ND	0.0438	0.00706		mg/Kg-dry	1	12/16/21 14:13:53
Aroclor 1232	ND	0.0438	0.00706		mg/Kg-dry	1	12/16/21 14:13:53
Aroclor 1242	ND	0.0438	0.00706		mg/Kg-dry	1	12/16/21 14:13:53
Aroclor 1248	ND	0.0438	0.00871		mg/Kg-dry	1	12/16/21 14:13:53
Aroclor 1254	0.0659	0.0438	0.00871		mg/Kg-dry	1	12/16/21 14:13:53
Aroclor 1260	ND	0.0438	0.00871		mg/Kg-dry	1	12/16/21 14:13:53
Aroclor 1262	ND	0.0438	0.00871		mg/Kg-dry	1	12/16/21 14:13:53
Aroclor 1268	ND	0.0438	0.00871		mg/Kg-dry	1	12/16/21 14:13:53
Total PCBs	0.0659	0.0438	0.00871		mg/Kg-dry	1	12/16/21 14:13:53
Surr: Decachlorobiphenyl	88.7	25.9 - 167			%Rec	1	12/16/21 14:13:53
Surr: Tetrachloro-m-xylene	102	31.3 - 173			%Rec	1	12/16/21 14:13:53
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34767		Analyst: EH	
Copper	229	0.959	0.180		mg/Kg-dry	1	12/16/21 20:49:02
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71981		Analyst: OK	
Percent Moisture	21.0	0.500	0.100		wt%	1	12/15/21 16:25:30



Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-077
Client Sample ID: A4-SIDE63:5

Collection Date: 12/14/2021 2:35:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34765		Analyst: SB	
Aroclor 1016	ND	0.0405	0.00653		mg/Kg-dry	1	12/16/21 14:23:37
Aroclor 1221	ND	0.0405	0.00653		mg/Kg-dry	1	12/16/21 14:23:37
Aroclor 1232	ND	0.0405	0.00653		mg/Kg-dry	1	12/16/21 14:23:37
Aroclor 1242	ND	0.0405	0.00653		mg/Kg-dry	1	12/16/21 14:23:37
Aroclor 1248	ND	0.0405	0.00805		mg/Kg-dry	1	12/16/21 14:23:37
Aroclor 1254	0.0117	0.0405	0.00805	J	mg/Kg-dry	1	12/16/21 14:23:37
Aroclor 1260	ND	0.0405	0.00805		mg/Kg-dry	1	12/16/21 14:23:37
Aroclor 1262	ND	0.0405	0.00805		mg/Kg-dry	1	12/16/21 14:23:37
Aroclor 1268	ND	0.0405	0.00805		mg/Kg-dry	1	12/16/21 14:23:37
Total PCBs	0.0117	0.0405	0.00805	J	mg/Kg-dry	1	12/16/21 14:23:37
Surr: Decachlorobiphenyl	77.7	25.9 - 167			%Rec	1	12/16/21 14:23:37
Surr: Tetrachloro-m-xylene	89.4	31.3 - 173			%Rec	1	12/16/21 14:23:37
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34767		Analyst: EH	
Copper	295	90.9	17.0	D	mg/Kg-dry	100	12/17/21 13:14:36
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R71981		Analyst: OK	
Percent Moisture	14.1	0.500	0.100		wt%	1	12/15/21 16:25:30



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-078
Client Sample ID: A4-SIDE63:6

Collection Date: 12/14/2021 2:36:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34814		Analyst: SB	
Aroclor 1016	ND	0.0574	0.00924		mg/Kg-dry	1	12/21/21 16:46:19
Aroclor 1221	ND	0.0574	0.00924		mg/Kg-dry	1	12/21/21 16:46:19
Aroclor 1232	ND	0.0574	0.00924		mg/Kg-dry	1	12/21/21 16:46:19
Aroclor 1242	ND	0.0574	0.00924		mg/Kg-dry	1	12/21/21 16:46:19
Aroclor 1248	ND	0.0574	0.0114		mg/Kg-dry	1	12/21/21 16:46:19
Aroclor 1254	0.0176	0.0574	0.0114	J	mg/Kg-dry	1	12/21/21 16:46:19
Aroclor 1260	ND	0.0574	0.0114		mg/Kg-dry	1	12/21/21 16:46:19
Aroclor 1262	ND	0.0574	0.0114		mg/Kg-dry	1	12/21/21 16:46:19
Aroclor 1268	ND	0.0574	0.0114		mg/Kg-dry	1	12/21/21 16:46:19
Total PCBs	0.0176	0.0574	0.0114	J	mg/Kg-dry	1	12/21/21 16:46:19
Surr: Decachlorobiphenyl	89.0	25.9 - 167			%Rec	1	12/21/21 16:46:19
Surr: Tetrachloro-m-xylene	102	31.3 - 173			%Rec	1	12/21/21 16:46:19
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34811		Analyst: EH	
Copper	127	9.51	1.78	D	mg/Kg-dry	10	12/22/21 9:13:50
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72089		Analyst: ALB	
Percent Moisture	15.9	0.500	0.100		wt%	1	12/20/21 14:28:16



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-084
Client Sample ID: A4-SIDE64:2

Collection Date: 12/14/2021 2:50:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34832		Analyst: SB	
Aroclor 1016	ND	0.0457	0.00735		mg/Kg-dry	1	12/21/21 19:22:04
Aroclor 1221	ND	0.0457	0.00735		mg/Kg-dry	1	12/21/21 19:22:04
Aroclor 1232	ND	0.0457	0.00735		mg/Kg-dry	1	12/21/21 19:22:04
Aroclor 1242	ND	0.0457	0.00735		mg/Kg-dry	1	12/21/21 19:22:04
Aroclor 1248	ND	0.0457	0.00908		mg/Kg-dry	1	12/21/21 19:22:04
Aroclor 1254	ND	0.0457	0.00908		mg/Kg-dry	1	12/21/21 19:22:04
Aroclor 1260	ND	0.0457	0.00908		mg/Kg-dry	1	12/21/21 19:22:04
Aroclor 1262	ND	0.0457	0.00908		mg/Kg-dry	1	12/21/21 19:22:04
Aroclor 1268	ND	0.0457	0.00908		mg/Kg-dry	1	12/21/21 19:22:04
Total PCBs	ND	0.0457	0.00908		mg/Kg-dry	1	12/21/21 19:22:04
Surr: Decachlorobiphenyl	80.6	25.9 - 167			%Rec	1	12/21/21 19:22:04
Surr: Tetrachloro-m-xylene	88.4	31.3 - 173			%Rec	1	12/21/21 19:22:04
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34838		Analyst: EH	
Copper	21.8	9.21	1.72		D mg/Kg-dry	10	12/23/21 9:22:26
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72120		Analyst: KJ	
Percent Moisture	14.5	0.500	0.100		wt%	1	12/21/21 12:48:14



Analytical Report

Work Order: 2112242
Date Reported: 2/23/2022

Client: Shannon & Wilson
Project: 8801 - Remediation
Lab ID: 2112242-085
Client Sample ID: A4-SIDE64:5

Collection Date: 12/14/2021 2:56:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 34832		Analyst: SB	
Aroclor 1016	ND	0.0530	0.00853		mg/Kg-dry	1	12/21/21 19:51:12
Aroclor 1221	ND	0.0530	0.00853		mg/Kg-dry	1	12/21/21 19:51:12
Aroclor 1232	ND	0.0530	0.00853		mg/Kg-dry	1	12/21/21 19:51:12
Aroclor 1242	ND	0.0530	0.00853		mg/Kg-dry	1	12/21/21 19:51:12
Aroclor 1248	ND	0.0530	0.0105		mg/Kg-dry	1	12/21/21 19:51:12
Aroclor 1254	0.161	0.0530	0.0105		mg/Kg-dry	1	12/21/21 19:51:12
Aroclor 1260	ND	0.0530	0.0105		mg/Kg-dry	1	12/21/21 19:51:12
Aroclor 1262	ND	0.0530	0.0105		mg/Kg-dry	1	12/21/21 19:51:12
Aroclor 1268	ND	0.0530	0.0105		mg/Kg-dry	1	12/21/21 19:51:12
Total PCBs	0.161	0.0530	0.0105		mg/Kg-dry	1	12/21/21 19:51:12
Surr: Decachlorobiphenyl	43.3	25.9 - 167			%Rec	1	12/21/21 19:51:12
Surr: Tetrachloro-m-xylene	54.1	31.3 - 173			%Rec	1	12/21/21 19:51:12
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 34838		Analyst: EH	
Copper	208	9.78	1.83		D mg/Kg-dry	10	12/23/21 9:16:37
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72147		Analyst: CB	
Percent Moisture	22.0	0.500	0.100		wt%	1	12/22/21 9:39:41



Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34767	SampType: ICB	Units: µg/L	Prep Date: 12/16/2021	RunNo: 72035							
Client ID: ICB	Batch ID: 34767		Analysis Date: 12/16/2021	SeqNo: 1469550							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34767	SampType: ICV	Units: µg/L	Prep Date: 12/16/2021	RunNo: 72035							
Client ID: ICV	Batch ID: 34767		Analysis Date: 12/16/2021	SeqNo: 1469551							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.0 10.0 100.0 0 97.0 90 110

Sample ID: CCV-34767A	SampType: CCV	Units: µg/L	Prep Date: 12/16/2021	RunNo: 72035							
Client ID: CCV	Batch ID: 34767		Analysis Date: 12/16/2021	SeqNo: 1469557							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 102 10.0 100.0 0 102 90 110

Sample ID: CCB-34767A	SampType: CCB	Units: µg/L	Prep Date: 12/16/2021	RunNo: 72035							
Client ID: CCB	Batch ID: 34767		Analysis Date: 12/16/2021	SeqNo: 1469558							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34767	SampType: MBLK	Units: mg/Kg	Prep Date: 12/15/2021	RunNo: 72035							
Client ID: MBLKS	Batch ID: 34767		Analysis Date: 12/16/2021	SeqNo: 1469559							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.794

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-34767	SampType: LCS	Units: mg/Kg				Prep Date: 12/15/2021	RunNo: 72035				
Client ID: LCSS	Batch ID: 34767					Analysis Date: 12/16/2021	SeqNo: 1469560				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	37.2	0.752	37.59	0	99.1	80	120				

Sample ID: 2112242-065AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/15/2021	RunNo: 72035				
Client ID: A4-SIDE62:5	Batch ID: 34767					Analysis Date: 12/16/2021	SeqNo: 1469563				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	976	0.936	46.81	630.1	738	75	125				ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-065AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/15/2021	RunNo: 72035				
Client ID: A4-SIDE62:5	Batch ID: 34767					Analysis Date: 12/16/2021	SeqNo: 1469564				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	695	0.966	48.30	630.1	134	75	125	975.7	33.6	20	ERS

NOTES:

S,R - Analyte concentration was too high for accurate spike recovery(ies) and RPD calculation.

Sample ID: 2112242-065APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 12/15/2021	RunNo: 72035				
Client ID: A4-SIDE62:5	Batch ID: 34767					Analysis Date: 12/16/2021	SeqNo: 1469565				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	746	0.929	46.4	630	249	75	125				ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: CCV-34767B	SampType: CCV	Units: µg/L				Prep Date: 12/16/2021	RunNo: 72035				
Client ID: CCV	Batch ID: 34767					Analysis Date: 12/16/2021	SeqNo: 1469567				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	109	10.0	100.0	0	109	90	110				



Work Order: 2112242
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34767B	SampType: CCV	Units: µg/L	Prep Date: 12/16/2021	RunNo: 72035							
Client ID: CCV	Batch ID: 34767	Analysis Date: 12/16/2021	SeqNo: 1469567								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: CCB-34767B	SampType: CCB	Units: µg/L	Prep Date: 12/16/2021	RunNo: 72035							
Client ID: CCB	Batch ID: 34767	Analysis Date: 12/16/2021	SeqNo: 1469568								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34767C	SampType: CCV	Units: µg/L	Prep Date: 12/16/2021	RunNo: 72035							
Client ID: CCV	Batch ID: 34767	Analysis Date: 12/16/2021	SeqNo: 1469579								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 110 10.0 100.0 0 110 90 110

Sample ID: CCB-34767C	SampType: CCB	Units: µg/L	Prep Date: 12/16/2021	RunNo: 72035							
Client ID: CCB	Batch ID: 34767	Analysis Date: 12/16/2021	SeqNo: 1469580								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34767D	SampType: CCV	Units: µg/L	Prep Date: 12/16/2021	RunNo: 72035							
Client ID: CCV	Batch ID: 34767	Analysis Date: 12/16/2021	SeqNo: 1469589								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 114 10.0 100.0 0 114 90 110 S

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34767D	SampType: CCB	Units: µg/L	Prep Date: 12/16/2021	RunNo: 72035							
Client ID: CCB	Batch ID: 34767		Analysis Date: 12/16/2021	SeqNo: 1469590							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34760	SampType: ICB	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72028							
Client ID: ICB	Batch ID: 34760		Analysis Date: 12/17/2021	SeqNo: 1469390							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34760	SampType: ICV	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72028							
Client ID: ICV	Batch ID: 34760		Analysis Date: 12/17/2021	SeqNo: 1469391							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.6 10.0 100.0 0 97.6 90 110

Sample ID: MB-34760	SampType: MBLK	Units: mg/Kg	Prep Date: 12/15/2021	RunNo: 72028							
Client ID: MBLKS	Batch ID: 34760		Analysis Date: 12/17/2021	SeqNo: 1469395							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.769

Sample ID: LCS-34760	SampType: LCS	Units: mg/Kg	Prep Date: 12/15/2021	RunNo: 72028							
Client ID: LCSS	Batch ID: 34760		Analysis Date: 12/17/2021	SeqNo: 1469396							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 38.3 0.813 40.65 0 94.3 80 120

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-002AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/15/2021	RunNo: 72028				
Client ID: A4-SIDE49:4.5	Batch ID: 34760					Analysis Date: 12/17/2021	SeqNo: 1469399				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	76.2	0.901	45.04	35.43	90.5	75	125				

Sample ID: 2112242-002AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/15/2021	RunNo: 72028				
Client ID: A4-SIDE49:4.5	Batch ID: 34760					Analysis Date: 12/17/2021	SeqNo: 1469400				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	80.0	0.901	45.04	35.43	98.8	75	125	76.19	4.82	20	

Sample ID: 2112242-002APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 12/15/2021	RunNo: 72028				
Client ID: A4-SIDE49:4.5	Batch ID: 34760					Analysis Date: 12/17/2021	SeqNo: 1469401				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	182	0.894	50.0	79.3	103	75	125				

Sample ID: CCV-34760A	SampType: CCV	Units: µg/L				Prep Date: 12/17/2021	RunNo: 72028				
Client ID: CCV	Batch ID: 34760					Analysis Date: 12/17/2021	SeqNo: 1469405				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	103	10.0	100.0	0	103	90	110				

Sample ID: CCB-34760A	SampType: CCB	Units: µg/L				Prep Date: 12/17/2021	RunNo: 72028				
Client ID: CCB	Batch ID: 34760					Analysis Date: 12/17/2021	SeqNo: 1469406				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34760B	SampType: CCV	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72028							
Client ID: CCV	Batch ID: 34760		Analysis Date: 12/17/2021	SeqNo: 1469463							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCB-34760B	SampType: CCB	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72028							
Client ID: CCB	Batch ID: 34760		Analysis Date: 12/17/2021	SeqNo: 1469464							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34760C	SampType: CCV	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72028							
Client ID: CCV	Batch ID: 34760		Analysis Date: 12/17/2021	SeqNo: 1469471							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.1 10.0 100.0 0 95.1 90 110

Sample ID: CCB-34760C	SampType: CCB	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72028							
Client ID: CCB	Batch ID: 34760		Analysis Date: 12/17/2021	SeqNo: 1469472							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34760D	SampType: CCV	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72028							
Client ID: CCV	Batch ID: 34760		Analysis Date: 12/17/2021	SeqNo: 1469817							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 101 10.0 100.0 0 101 90 110

Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34760D	SampType: CCB	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72028							
Client ID: CCB	Batch ID: 34760	Analysis Date: 12/17/2021	SeqNo: 1469818								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34767A	SampType: ICB	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72035							
Client ID: ICB	Batch ID: 34767	Analysis Date: 12/17/2021	SeqNo: 1470008								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34767A	SampType: ICV	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72035							
Client ID: ICV	Batch ID: 34767	Analysis Date: 12/17/2021	SeqNo: 1470009								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.6 10.0 100.0 0 98.6 90 110

Sample ID: CCV-34767E	SampType: CCV	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72035							
Client ID: CCV	Batch ID: 34767	Analysis Date: 12/17/2021	SeqNo: 1470013								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 91.2 10.0 100.0 0 91.2 90 110

Sample ID: CCB-34767E	SampType: CCB	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72035							
Client ID: CCB	Batch ID: 34767	Analysis Date: 12/17/2021	SeqNo: 1470014								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112242
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34767F		SampType: CCV			Units: µg/L		Prep Date: 12/17/2021		RunNo: 72035		
Client ID: CCV		Batch ID: 34767					Analysis Date: 12/17/2021		SeqNo: 1470018		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	95.1	10.0	100.0	0	95.1	90	110				
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Sample ID: CCB-34767F		SampType: CCB			Units: µg/L		Prep Date: 12/17/2021		RunNo: 72035		
Client ID: CCB		Batch ID: 34767					Analysis Date: 12/17/2021		SeqNo: 1470019		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Sample ID: CCV-34767G		SampType: CCV			Units: µg/L		Prep Date: 12/17/2021		RunNo: 72035		
Client ID: CCV		Batch ID: 34767					Analysis Date: 12/17/2021		SeqNo: 1470030		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	98.0	10.0	100.0	0	98.0	90	110				
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Sample ID: CCB-34767G		SampType: CCB			Units: µg/L		Prep Date: 12/17/2021		RunNo: 72035		
Client ID: CCB		Batch ID: 34767					Analysis Date: 12/17/2021		SeqNo: 1470031		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Sample ID: CCV-34767H		SampType: CCV			Units: µg/L		Prep Date: 12/17/2021		RunNo: 72035		
Client ID: CCV		Batch ID: 34767					Analysis Date: 12/17/2021		SeqNo: 1470041		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	103	10.0	100.0	0	103	90	110				
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Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34767H	SampType: CCB	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72035							
Client ID: CCB	Batch ID: 34767	Analysis Date: 12/17/2021	SeqNo: 1470042								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34811	SampType: ICB	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: ICB	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472230								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34811	SampType: ICV	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: ICV	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472231								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 101 10.0 100.0 0 101 90 110

Sample ID: MB-34811	SampType: MBLK	Units: mg/Kg	Prep Date: 12/20/2021	RunNo: 72146							
Client ID: MBLKS	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472235								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.794

Sample ID: LCS-34811	SampType: LCS	Units: mg/Kg	Prep Date: 12/20/2021	RunNo: 72146							
Client ID: LCSS	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472236								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 34.5 0.746 37.31 0 92.4 80 120

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-040AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/20/2021	RunNo: 72146							
Client ID: A4-SIDE59:8	Batch ID: 34811		Analysis Date: 12/22/2021	SeqNo: 1472239							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	1,450	1.10	54.77	1,102	644	75	125				ES
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NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-040AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/20/2021	RunNo: 72146							
Client ID: A4-SIDE59:8	Batch ID: 34811		Analysis Date: 12/22/2021	SeqNo: 1472240							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	1,320	1.03	51.50	1,102	418	75	125	1,454	9.92	20	ES
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NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-040APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 12/20/2021	RunNo: 72146							
Client ID: A4-SIDE59:8	Batch ID: 34811		Analysis Date: 12/22/2021	SeqNo: 1472241							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	1,100	1.05	52.7	1,100	-1.24	75	125				ES
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NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: CCV-34811A	SampType: CCV	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: CCV	Batch ID: 34811		Analysis Date: 12/22/2021	SeqNo: 1472245							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	101	10.0	100.0	0	101	90	110				
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Sample ID: CCB-34811A	SampType: CCB	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: CCB	Batch ID: 34811		Analysis Date: 12/22/2021	SeqNo: 1472246							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34811A	SampType: CCB	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: CCB	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472246								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: CCV-34811B	SampType: CCV	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: CCV	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472257								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

Sample ID: CCB-34811B	SampType: CCB	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: CCB	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472258								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34811C	SampType: CCV	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: CCV	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472263								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 106 10.0 100.0 0 106 90 110

Sample ID: CCB-34811C	SampType: CCB	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: CCB	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472264								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34811D	SampType: CCV	Units: µg/L				Prep Date: 12/22/2021	RunNo: 72146				
Client ID: CCV	Batch ID: 34811					Analysis Date: 12/22/2021	SeqNo: 1472284				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCB-34811D	SampType: CCB	Units: µg/L				Prep Date: 12/22/2021	RunNo: 72146				
Client ID: CCB	Batch ID: 34811					Analysis Date: 12/22/2021	SeqNo: 1472285				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34838	SampType: ICB	Units: µg/L				Prep Date: 12/23/2021	RunNo: 72173				
Client ID: ICB	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473179				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34838	SampType: ICV	Units: µg/L				Prep Date: 12/23/2021	RunNo: 72173				
Client ID: ICV	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473180				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.9 10.0 100.0 0 98.9 90 110

Sample ID: MB-34838	SampType: MBLK	Units: mg/Kg				Prep Date: 12/22/2021	RunNo: 72173				
Client ID: MBLKS	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473184				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.781

Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-34838	SampType: LCS	Units: mg/Kg				Prep Date: 12/22/2021	RunNo: 72173					
Client ID: LCSS	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473185					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Copper	37.3	0.752	37.59	0	99.4	80	120					

Sample ID: 2112242-085AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/22/2021	RunNo: 72173					
Client ID: A4-SIDE64:5	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473188					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Copper	189	9.63	481.7	207.8	-3.98	75	125				DS	

NOTES:
 S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-085AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/22/2021	RunNo: 72173					
Client ID: A4-SIDE64:5	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473189					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Copper	200	10.0	500.5	207.8	-1.52	75	125	188.7	5.95	20	DS	

NOTES:
 S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-085APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 12/22/2021	RunNo: 72173					
Client ID: A4-SIDE64:5	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473190					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Copper	1,380	9.78	500	425	95.8	75	125				D	

Sample ID: CCV-34838A	SampType: CCV	Units: µg/L				Prep Date: 12/23/2021	RunNo: 72173					
Client ID: CCV	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473194					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Copper	97.5	10.0	100.0	0	97.5	90	110					

Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34838A	SampType: CCB	Units: µg/L	Prep Date: 12/23/2021	RunNo: 72173							
Client ID: CCB	Batch ID: 34838		Analysis Date: 12/23/2021	SeqNo: 1473195							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34838B	SampType: CCV	Units: µg/L	Prep Date: 12/23/2021	RunNo: 72173							
Client ID: CCV	Batch ID: 34838		Analysis Date: 12/23/2021	SeqNo: 1473199							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 102 10.0 100.0 0 102 90 110

Sample ID: CCB-34838B	SampType: CCB	Units: µg/L	Prep Date: 12/23/2021	RunNo: 72173							
Client ID: CCB	Batch ID: 34838		Analysis Date: 12/23/2021	SeqNo: 1473200							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34854	SampType: ICB	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: ICB	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474104							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34854	SampType: ICV	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: ICV	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474105							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 94.4 10.0 100.0 0 94.4 90 110

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: MB-34854	SampType: MBLK	Units: mg/Kg	Prep Date: 12/23/2021	RunNo: 72208							
Client ID: MBLKS	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474109								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.758

Sample ID: LCS-34854	SampType: LCS	Units: mg/Kg	Prep Date: 12/23/2021	RunNo: 72208							
Client ID: LCSS	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474110								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 35.4 0.769 38.46 0 92.1 80 120

Sample ID: 2112242-029AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/23/2021	RunNo: 72208							
Client ID: A4-SIDE57:11	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474113								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 1,440 0.964 48.22 2,275 -1,730 75 125 ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-029AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/23/2021	RunNo: 72208							
Client ID: A4-SIDE57:11	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474114								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 2,620 0.964 48.22 2,275 713 75 125 1,441 58.0 20 ERS

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

R - High RPD observed.

Sample ID: 2112242-029APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 12/23/2021	RunNo: 72208							
Client ID: A4-SIDE57:11	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474115								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 2,180 0.964 48.2 2,280 -186 75 125 ES

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-029APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 12/23/2021	RunNo: 72208							
Client ID: A4-SIDE57:11	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474115							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: CCV-34854A	SampType: CCV	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCV	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474119							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	99.2	10.0	100.0	0	99.2	90	110				
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Sample ID: CCB-34854A	SampType: CCB	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCB	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474120							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Sample ID: CCV-34854B	SampType: CCV	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCV	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474129							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	92.5	10.0	100.0	0	92.5	90	110				
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Sample ID: CCB-34854B	SampType: CCB	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCB	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474130							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34854C	SampType: CCV	Units: µg/L				Prep Date: 12/27/2021	RunNo: 72208				
Client ID: CCV	Batch ID: 34854					Analysis Date: 12/27/2021	SeqNo: 1474196				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.3 10.0 100.0 0 96.3 90 110

Sample ID: CCB-34854C	SampType: CCB	Units: µg/L				Prep Date: 12/27/2021	RunNo: 72208				
Client ID: CCB	Batch ID: 34854					Analysis Date: 12/27/2021	SeqNo: 1474197				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34854D	SampType: CCV	Units: µg/L				Prep Date: 12/27/2021	RunNo: 72208				
Client ID: CCV	Batch ID: 34854					Analysis Date: 12/27/2021	SeqNo: 1474202				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 90.7 10.0 100.0 0 90.7 90 110

Sample ID: CCB-34854D	SampType: CCB	Units: µg/L				Prep Date: 12/27/2021	RunNo: 72208				
Client ID: CCB	Batch ID: 34854					Analysis Date: 12/27/2021	SeqNo: 1474203				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34854A	SampType: ICB	Units: µg/L				Prep Date: 12/28/2021	RunNo: 72208				
Client ID: ICB	Batch ID: 34854					Analysis Date: 12/28/2021	SeqNo: 1474661				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0



Work Order: 2112242
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34875	SampType: ICB	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: ICB	Batch ID: 34875		Analysis Date: 12/28/2021	SeqNo: 1475161							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34854A	SampType: ICV	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72208							
Client ID: ICV	Batch ID: 34854		Analysis Date: 12/28/2021	SeqNo: 1474663							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 93.3 10.0 100.0 0 93.3 90 110

Sample ID: ICV-34875	SampType: ICV	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: ICV	Batch ID: 34875		Analysis Date: 12/28/2021	SeqNo: 1475162							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 94.6 10.0 100.0 0 94.6 90 110

Sample ID: CCV-34854E	SampType: CCV	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72208							
Client ID: CCV	Batch ID: 34854		Analysis Date: 12/28/2021	SeqNo: 1474681							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.0 10.0 100.0 0 98.0 90 110

Sample ID: CCB-34854E	SampType: CCB	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72208							
Client ID: CCB	Batch ID: 34854		Analysis Date: 12/28/2021	SeqNo: 1474682							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34854F	SampType: CCV	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72208							
Client ID: CCV	Batch ID: 34854		Analysis Date: 12/28/2021	SeqNo: 1474760							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 90.5 10.0 100.0 0 90.5 90 110

Sample ID: CCV-34875A	SampType: CCV	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: CCV	Batch ID: 34875		Analysis Date: 12/28/2021	SeqNo: 1475166							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 91.8 10.0 100.0 0 91.8 90 110

Sample ID: CCB-34854F	SampType: CCB	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72208							
Client ID: CCB	Batch ID: 34854		Analysis Date: 12/28/2021	SeqNo: 1474763							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCB-34875A	SampType: CCB	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: CCB	Batch ID: 34875		Analysis Date: 12/28/2021	SeqNo: 1475167							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34875	SampType: MBLK	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: MBLKS	Batch ID: 34875		Analysis Date: 12/28/2021	SeqNo: 1475168							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.758

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-34875	SampType: LCS	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72244				
Client ID: LCSS	Batch ID: 34875					Analysis Date: 12/28/2021	SeqNo: 1475169				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	36.8	0.787	39.37	0	93.4	80	120				

Sample ID: 2112242-013AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/28/2021	RunNo: 72244				
Client ID: A4-SIDE52:10	Batch ID: 34875					Analysis Date: 12/28/2021	SeqNo: 1475172				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	271	0.979	48.93	153.7	241	75	125				ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-013AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/28/2021	RunNo: 72244				
Client ID: A4-SIDE52:10	Batch ID: 34875					Analysis Date: 12/28/2021	SeqNo: 1475173				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	234	0.994	49.70	153.7	162	75	125	271.4	14.7	20	S

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: CCV-34875B	SampType: CCV	Units: µg/L				Prep Date: 12/28/2021	RunNo: 72244				
Client ID: CCV	Batch ID: 34875					Analysis Date: 12/28/2021	SeqNo: 1475174				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	90.8	10.0	100.0	0	90.8	90	110				

Sample ID: CCB-34875B	SampType: CCB	Units: µg/L				Prep Date: 12/28/2021	RunNo: 72244				
Client ID: CCB	Batch ID: 34875					Analysis Date: 12/28/2021	SeqNo: 1475175				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-013APDS	SampType: PDS	Units: mg/Kg-dry			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: A4-SIDE52:10	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475176					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	441	0.979	50.0	314	127	75	125				S

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: CCV-34875C	SampType: CCV	Units: µg/L			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: CCV	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475186					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	99.5	10.0	100.0	0	99.5	90	110				

Sample ID: CCB-34875C	SampType: CCB	Units: µg/L			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: CCB	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475187					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-34875D	SampType: CCV	Units: µg/L			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: CCV	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475196					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	95.6	10.0	100.0	0	95.6	90	110				

Sample ID: CCB-34875D	SampType: CCB	Units: µg/L			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: CCB	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475197					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									



Work Order: 2112242
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34875A	SampType: ICB	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: ICB	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475555							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34875A	SampType: ICV	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: ICV	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475580							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 101 10.0 100.0 0 101 90 110

Sample ID: CCV-34875E	SampType: CCV	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: CCV	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475570							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.7 10.0 100.0 0 95.7 90 110

Sample ID: CCB-34875E	SampType: CCB	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: CCB	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475571							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34875F	SampType: CCV	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: CCV	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475576							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.6 10.0 100.0 0 96.6 90 110



Work Order: 2112242
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34875F	SampType: CCB	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: CCB	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475577							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34875G	SampType: CCV	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: CCV	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475582							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

Sample ID: CCB-34875G	SampType: CCB	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: CCB	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475583							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34921	SampType: ICB	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: ICB	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477011							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34921	SampType: ICV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: ICV	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477012							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.4 10.0 100.0 0 99.4 90 110

Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCV	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477016				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	110	10.0	100.0	0	110	90	110				S

NOTES:

S - Outlying apike recovery(ies) observed (110.24%). Two subsequent CCVs were run with passing recovery.

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCV	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477017				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	105	10.0	100.0	0	105	90	110				

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCV	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477018				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	105	10.0	100.0	0	105	90	110				

Sample ID: CCB-34921A	SampType: CCB	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCB	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477019				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: MB-34921	SampType: MBLK	Units: mg/Kg				Prep Date: 12/31/2021	RunNo: 72335				
Client ID: MBLKS	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477020				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.746									

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-34921	SampType: LCS	Units: mg/Kg	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: LCSS	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477021								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	37.3	0.752	37.59	0	99.3	80	120				

Sample ID: 2112242-060AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: A4-SIDE61:12	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477024								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	1,240	0.958	47.88	924.9	654	75	125				ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-060AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: A4-SIDE61:12	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477025								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	1,410	0.958	47.88	924.9	1,020	75	125	1,238	13.2	20	ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-060APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: A4-SIDE61:12	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477026								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	970	0.942	47.1	925	95.6	75	125				E

Sample ID: CCV-34921B	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477029								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	107	10.0	100.0	0	107	90	110				

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 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34921B	SampType: CCB	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCB	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477030							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34921C	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477038							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.9 10.0 100.0 0 99.9 90 110

Sample ID: CCB-34921C	SampType: CCB	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCB	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477039							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34921D	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477057							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 103 10.0 100.0 0 103 90 110

Sample ID: CCB-34921D	SampType: CCB	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCB	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477058							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112242
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34949	SampType: ICB	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: ICB	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478100								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-34949	SampType: ICV	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: ICV	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478101								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	98.8	10.0	100.0	0	98.8	90	110				

Sample ID: MB-34949	SampType: MBLK	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72396							
Client ID: MBLKS	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478105								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.787									

Sample ID: LCS-34949	SampType: LCS	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72396							
Client ID: LCSS	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478106								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	38.1	0.769	38.46	0	99.1	80	120				

Sample ID: 2112242-053AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/5/2022	RunNo: 72396							
Client ID: A4-SIDE60:15	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478109								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	323	1.05	52.75	167.8	294	75	125				ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-053AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/5/2022	RunNo: 72396							
Client ID: A4-SIDE60:15	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478110								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	246	1.05	52.34	167.8	149	75	125	322.7	27.2	20	RS

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).
R - High RPD observed.

Sample ID: 2112242-053APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 1/5/2022	RunNo: 72396							
Client ID: A4-SIDE60:15	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478111								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	381	1.09	50.0	308	72.8	75	125				S

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: CCV-34949A	SampType: CCV	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCV	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478115								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	100	10.0	100.0	0	100	90	110				

Sample ID: CCB-34949A	SampType: CCB	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCB	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478116								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-34949B	SampType: CCV	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCV	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478186								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.3	10.0	100.0	0	97.3	90	110				

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34949B	SampType: CCV	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCV	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478186								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: CCB-34949B	SampType: CCB	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCB	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478189								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34949C	SampType: CCV	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCV	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478193								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.6 10.0 100.0 0 97.6 90 110

Sample ID: CCB-34949C	SampType: CCB	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCB	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478196								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34949A	SampType: ICB	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72396							
Client ID: ICB	Batch ID: 34949	Analysis Date: 1/7/2022	SeqNo: 1478550								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-34949A	SampType: ICV	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72396							
Client ID: ICV	Batch ID: 34949	Analysis Date: 1/7/2022	SeqNo: 1478551								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.2 10.0 100.0 0 98.2 90 110

Sample ID: CCV-34949D	SampType: CCV	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72396							
Client ID: CCV	Batch ID: 34949	Analysis Date: 1/7/2022	SeqNo: 1478559								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.8 10.0 100.0 0 95.8 90 110

Sample ID: CCB-34949D	SampType: CCB	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72396							
Client ID: CCB	Batch ID: 34949	Analysis Date: 1/7/2022	SeqNo: 1478562								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34949B	SampType: ICB	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72396							
Client ID: ICB	Batch ID: 34949	Analysis Date: 1/10/2022	SeqNo: 1478987								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34949B	SampType: ICV	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72396							
Client ID: ICV	Batch ID: 34949	Analysis Date: 1/10/2022	SeqNo: 1479028								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 92.1 10.0 100.0 0 92.1 90 110

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34949E	SampType: CCV	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72396							
Client ID: CCV	Batch ID: 34949		Analysis Date: 1/10/2022	SeqNo: 1478993							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.4	10.0	100.0	0	97.4	90	110				

Sample ID: CCB-34949E	SampType: CCB	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72396							
Client ID: CCB	Batch ID: 34949		Analysis Date: 1/10/2022	SeqNo: 1478994							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICB-34980	SampType: ICB	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: ICB	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479302							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-34980	SampType: ICV	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: ICV	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479303							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	99.0	10.0	100.0	0	99.0	90	110				

Sample ID: MB-34980	SampType: MBLK	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72474							
Client ID: MBLKS	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479307							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.794									

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-34980	SampType: LCS	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72474				
Client ID: LCSS	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479308				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	38.1	0.746	37.31	0	102	80	120				

Sample ID: 2201086-001AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72474				
Client ID: BATCH	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479311				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	80.7	1.12	55.97	31.08	88.6	75	125				

Sample ID: 2201086-001AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72474				
Client ID: BATCH	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479312				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	82.5	1.16	58.14	31.08	88.4	75	125	80.67	2.25	20	

Sample ID: 2201086-001APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72474				
Client ID: BATCH	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479313				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	73.6	1.13	56.4	31.1	75.5	75	125				

Sample ID: CCV-34980A	SampType: CCV	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: CCV	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479317				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	103	10.0	100.0	0	103	90	110				



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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34980A	SampType: CCB	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCB	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479318							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34980B	SampType: CCV	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCV	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479323							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCB-34980B	SampType: CCB	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCB	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479326							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34980C	SampType: CCV	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCV	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479398							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.1 10.0 100.0 0 96.1 90 110

Sample ID: CCB-34980C	SampType: CCB	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCB	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479399							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34980D	SampType: CCV	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: CCV	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479410				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.5	10.0	100.0	0	97.5	90	110				

Sample ID: CCB-34980D	SampType: CCB	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: CCB	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479411				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICB-35028	SampType: ICB	Units: µg/L				Prep Date: 1/17/2022	RunNo: 72586				
Client ID: ICB	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481327				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-35028	SampType: ICV	Units: µg/L				Prep Date: 1/17/2022	RunNo: 72586				
Client ID: ICV	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481328				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	100	10.0	100.0	0	100	90	110				

Sample ID: MB-35028	SampType: MBLK	Units: mg/Kg				Prep Date: 1/14/2022	RunNo: 72586				
Client ID: MBLKS	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481332				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	2.13	0.752									

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-35028	SampType: LCS	Units: mg/Kg				Prep Date: 1/14/2022	RunNo: 72586				
Client ID: LCSS	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481333				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 41.1 0.794 39.68 0 104 80 120

Sample ID: 2201187-004AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/14/2022	RunNo: 72586				
Client ID: BATCH	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481336				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 62.6 0.831 41.57 24.76 91.0 75 125

Sample ID: 2201187-004AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/14/2022	RunNo: 72586				
Client ID: BATCH	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481337				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 66.4 0.858 42.89 24.76 97.2 75 125 62.59 5.96 20

Sample ID: 2201187-004APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 1/14/2022	RunNo: 72586				
Client ID: BATCH	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481338				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 57.0 0.831 41.6 24.8 77.6 75 125

Sample ID: CCV-35028A	SampType: CCV	Units: µg/L				Prep Date: 1/17/2022	RunNo: 72586				
Client ID: CCV	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481342				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.1 10.0 100.0 0 96.1 90 110

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-35028A	SampType: CCB	Units: µg/L	Prep Date: 1/17/2022	RunNo: 72586							
Client ID: CCB	Batch ID: 35028		Analysis Date: 1/17/2022	SeqNo: 1481343							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35028B	SampType: CCV	Units: µg/L	Prep Date: 1/17/2022	RunNo: 72586							
Client ID: CCV	Batch ID: 35028		Analysis Date: 1/17/2022	SeqNo: 1481477							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 89.9 10.0 100.0 0 89.9 90 110 S

NOTES:

S - Outlying spike recovery observed (low bias). Samples will be qualified with a Q.

Sample ID: CCB-35028B	SampType: CCB	Units: µg/L	Prep Date: 1/17/2022	RunNo: 72586							
Client ID: CCB	Batch ID: 35028		Analysis Date: 1/17/2022	SeqNo: 1481478							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-35051	SampType: ICB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: ICB	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482042							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-35051	SampType: ICV	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: ICV	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482044							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 100 10.0 100.0 0 100 90 110

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35051A	SampType: CCV	Units: µg/L				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: CCV	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482052				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	95.3	10.0	100.0	0	95.3	90	110				

Sample ID: CCB-35051A	SampType: CCB	Units: µg/L				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: CCB	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482054				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: MB-35051	SampType: MBLK	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: MBLKS	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482055				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.758									

Sample ID: LCS-35051	SampType: LCS	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: LCSS	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482057				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	40.1	0.800	40.00	0	100	80	120				

Sample ID: 2201240-003AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: BATCH	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482063				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	55.9	0.875	43.74	11.79	101	75	125				



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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2201240-003AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: BATCH	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482064				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	51.0	0.868	43.39	11.79	90.4	75	125	55.90	9.16	20	

Sample ID: 2201240-003APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: BATCH	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482066				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	54.3	0.835	41.8	11.8	102	75	125				

Sample ID: CCV-35051B	SampType: CCV	Units: µg/L				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: CCV	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482073				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	107	10.0	100.0	0	107	90	110				

Sample ID: CCB-35051B	SampType: CCB	Units: µg/L				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: CCB	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482075				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35051C	SampType: CCV	Units: µg/L				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: CCV	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482106				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	90.0	10.0	100.0	0	90.0	90	110				

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-35051C	SampType: CCB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCB	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482108							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35051D	SampType: CCV	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCV	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482222							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	90.4	10.0	100.0	0	90.4	90	110				

Sample ID: CCB-35051D	SampType: CCB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCB	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482223							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35051E	SampType: CCV	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCV	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482399							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.7	10.0	100.0	0	97.7	90	110				

Sample ID: CCB-35051E	SampType: CCB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCB	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482400							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.0205	10.0									

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35051F		SampType: CCV		Units: µg/L		Prep Date: 1/18/2022		RunNo: 72616			
Client ID: CCV		Batch ID: 35051				Analysis Date: 1/18/2022		SeqNo: 1482411			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	94.8	10.0	100.0	0	94.8	90	110				

Sample ID: CCB-35051F		SampType: CCB		Units: µg/L		Prep Date: 1/18/2022		RunNo: 72616			
Client ID: CCB		Batch ID: 35051				Analysis Date: 1/18/2022		SeqNo: 1482412			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35051G		SampType: CCV		Units: µg/L		Prep Date: 1/18/2022		RunNo: 72616			
Client ID: CCV		Batch ID: 35051				Analysis Date: 1/18/2022		SeqNo: 1482414			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	98.3	10.0	100.0	0	98.3	90	110				

Sample ID: CCB-35051G		SampType: CCB		Units: µg/L		Prep Date: 1/18/2022		RunNo: 72616			
Client ID: CCB		Batch ID: 35051				Analysis Date: 1/18/2022		SeqNo: 1482415			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.00690	10.0									

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660 ICB	SampType: ICB	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 71394				
Client ID: ICB	Batch ID: 34766					Analysis Date: 11/17/2021	SeqNo: 1454001				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1260	ND	0.0500									
Surr: Decachlorobiphenyl	207		200.0		103	50.2	159				
Surr: Tetrachloro-m-xylene	214		200.0		107	60.3	134				

Sample ID: 1660 ICV	SampType: ICV	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 71394				
Client ID: ICV	Batch ID: 34766					Analysis Date: 11/17/2021	SeqNo: 1454002				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.01	0.0500	1.000	0	101	80	120				
Aroclor 1260	0.991	0.0500	1.000	0	99.1	80	120				
Surr: Decachlorobiphenyl	196		200.0		98.1	30.2	155				
Surr: Tetrachloro-m-xylene	212		200.0		106	58.8	143				

Sample ID: 1254 ICB	SampType: ICB	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 71394				
Client ID: ICB	Batch ID: 34766					Analysis Date: 11/17/2021	SeqNo: 1454011				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	ND	0.0500									
Surr: Decachlorobiphenyl	195		200.0		97.3	50.2	159				
Surr: Tetrachloro-m-xylene	197		200.0		98.7	60.3	134				

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 71394				
Client ID: ICV	Batch ID: 34766					Analysis Date: 11/17/2021	SeqNo: 1454012				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.05	0.0500	1.000	0	105	80	120				
Surr: Decachlorobiphenyl	196		200.0		98.0	30.2	155				
Surr: Tetrachloro-m-xylene	202		200.0		101	58.8	143				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg	Prep Date: 11/17/2021	RunNo: 71394							
Client ID: ICV	Batch ID: 34766		Analysis Date: 11/17/2021	SeqNo: 1454012							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1660-CCV-34766A	SampType: CCV	Units: mg/Kg	Prep Date: 12/15/2021	RunNo: 72033							
Client ID: CCV	Batch ID: 34766		Analysis Date: 12/15/2021	SeqNo: 1469507							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.22	0.0500	1.000	0	122	80	120				S
Aroclor 1260	1.25	0.0500	1.000	0	125	80	120				S
Surr: Decachlorobiphenyl	228		200.0		114	30.2	155				
Surr: Tetrachloro-m-xylene	229		200.0		115	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect; result meets QC requirements.

Sample ID: 1254-CCV-34766A	SampType: CCV	Units: mg/Kg	Prep Date: 12/15/2021	RunNo: 72033							
Client ID: CCV	Batch ID: 34766		Analysis Date: 12/15/2021	SeqNo: 1469508							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.09	0.0500	1.000	0	109	80	120				
Surr: Decachlorobiphenyl	210		200.0		105	30.2	155				
Surr: Tetrachloro-m-xylene	186		200.0		92.9	58.8	143				

Sample ID: MB-34766	SampType: MBLK	Units: mg/Kg	Prep Date: 12/15/2021	RunNo: 72033							
Client ID: MBLKS	Batch ID: 34766		Analysis Date: 12/15/2021	SeqNo: 1469509							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34766	SampType: MBLK	Units: mg/Kg				Prep Date: 12/15/2021	RunNo: 72033				
Client ID: MBLKS	Batch ID: 34766					Analysis Date: 12/15/2021	SeqNo: 1469509				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	195		200.0		97.4	25.9	167				
Surr: Tetrachloro-m-xylene	198		200.0		98.8	31.3	173				

Sample ID: LCS1-34766	SampType: LCS	Units: mg/Kg				Prep Date: 12/15/2021	RunNo: 72033				
Client ID: LCSS	Batch ID: 34766					Analysis Date: 12/15/2021	SeqNo: 1469510				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.01	0.0500	1.000	0	101	54.1	142				
Aroclor 1260	1.06	0.0500	1.000	0	106	51.7	152				
Surr: Decachlorobiphenyl	205		200.0		102	25.9	167				
Surr: Tetrachloro-m-xylene	183		200.0		91.5	31.3	173				

Sample ID: LCS2-34766	SampType: LCS	Units: mg/Kg				Prep Date: 12/15/2021	RunNo: 72033				
Client ID: LCSS	Batch ID: 34766					Analysis Date: 12/15/2021	SeqNo: 1469511				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.08	0.0500	1.000	0	108	55.9	156				
Surr: Decachlorobiphenyl	215		200.0		107	25.9	167				
Surr: Tetrachloro-m-xylene	206		200.0		103	31.3	173				

Sample ID: LCS1D-34766	SampType: LCSD	Units: mg/Kg				Prep Date: 12/15/2021	RunNo: 72033				
Client ID: LCSS02	Batch ID: 34766					Analysis Date: 12/15/2021	SeqNo: 1469512				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.19	0.0500	1.000	0	119	54.1	142	1.010	16.5	20	

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1D-34766	SampType: LCS D	Units: mg/Kg				Prep Date: 12/15/2021	RunNo: 72033				
Client ID: LCSS02	Batch ID: 34766					Analysis Date: 12/15/2021	SeqNo: 1469512				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1260	1.25	0.0500	1.000	0	125	51.7	152	1.062	15.9	20	
Surr: Decachlorobiphenyl	236		200.0		118	25.9	167		0		
Surr: Tetrachloro-m-xylene	221		200.0		110	31.3	173		0		

Sample ID: 1660-CCV-34766B	SampType: CCV	Units: mg/Kg				Prep Date: 12/15/2021	RunNo: 72033				
Client ID: CCV	Batch ID: 34766					Analysis Date: 12/15/2021	SeqNo: 1469518				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.30	0.0500	1.000	0	130	80	120				S
Aroclor 1260	1.28	0.0500	1.000	0	128	80	120				S
Surr: Decachlorobiphenyl	225		200.0		112	30.2	155				
Surr: Tetrachloro-m-xylene	239		200.0		120	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect; result meets QC requirements.

Sample ID: 1254-CCV-34766B	SampType: CCV	Units: mg/Kg				Prep Date: 12/15/2021	RunNo: 72033				
Client ID: CCV	Batch ID: 34766					Analysis Date: 12/15/2021	SeqNo: 1469519				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.39	0.0500	1.000	0	139	80	120				S
Surr: Decachlorobiphenyl	249		200.0		124	30.2	155				
Surr: Tetrachloro-m-xylene	250		200.0		125	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect; result meets QC requirements.

Sample ID: 1660-CCV-34765A	SampType: CCV	Units: mg/Kg				Prep Date: 12/16/2021	RunNo: 72024				
Client ID: CCV	Batch ID: 34765					Analysis Date: 12/16/2021	SeqNo: 1469260				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.09	0.0500	1.000	0	109	80	120				
Aroclor 1260	1.11	0.0500	1.000	0	111	80	120				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34765A	SampType: CCV	Units: mg/Kg			Prep Date: 12/16/2021	RunNo: 72024					
Client ID: CCV	Batch ID: 34765				Analysis Date: 12/16/2021	SeqNo: 1469260					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	195		200.0		97.7	30.2	155				
Surr: Tetrachloro-m-xylene	225		200.0		112	58.8	143				

Sample ID: 1254-CCV-34765A	SampType: CCV	Units: mg/Kg			Prep Date: 12/16/2021	RunNo: 72024					
Client ID: CCV	Batch ID: 34765				Analysis Date: 12/16/2021	SeqNo: 1469261					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.986	0.0500	1.000	0	98.6	80	120				
Surr: Decachlorobiphenyl	178		200.0		88.9	30.2	155				
Surr: Tetrachloro-m-xylene	205		200.0		102	58.8	143				

Sample ID: MB-34765	SampType: MBLK	Units: mg/Kg			Prep Date: 12/15/2021	RunNo: 72024					
Client ID: MBLKS	Batch ID: 34765				Analysis Date: 12/16/2021	SeqNo: 1469262					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	237		200.0		118	25.9	167				
Surr: Tetrachloro-m-xylene	214		200.0		107	31.3	173				

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1-34765	SampType: LCS	Units: mg/Kg				Prep Date: 12/15/2021	RunNo: 72024				
Client ID: LCSS	Batch ID: 34765					Analysis Date: 12/16/2021	SeqNo: 1469263				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.08	0.0500	1.000	0	108	54.1	142				
Aroclor 1260	1.11	0.0500	1.000	0	111	51.7	152				
Surr: Decachlorobiphenyl	226		200.0		113	25.9	167				
Surr: Tetrachloro-m-xylene	230		200.0		115	31.3	173				

Sample ID: LCS2-34765	SampType: LCS	Units: mg/Kg				Prep Date: 12/15/2021	RunNo: 72024				
Client ID: LCSS	Batch ID: 34765					Analysis Date: 12/16/2021	SeqNo: 1469264				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.05	0.0500	1.000	0	105	55.9	156				
Surr: Decachlorobiphenyl	199		200.0		99.3	25.9	167				
Surr: Tetrachloro-m-xylene	221		200.0		111	31.3	173				

Sample ID: 2112242-077AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/15/2021	RunNo: 72024				
Client ID: A4-SIDE63:5	Batch ID: 34765					Analysis Date: 12/16/2021	SeqNo: 1469274				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.697	0.0404	0.8078	0	86.2	26.5	166				
Aroclor 1260	0.636	0.0404	0.8078	0	78.7	29.2	168				
Surr: Decachlorobiphenyl	145		161.6		90.0	25.9	167				
Surr: Tetrachloro-m-xylene	158		161.6		97.7	31.3	173				

Sample ID: 2112242-077AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/15/2021	RunNo: 72024				
Client ID: A4-SIDE63:5	Batch ID: 34765					Analysis Date: 12/16/2021	SeqNo: 1469275				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.818	0.0401	0.8028	0	102	26.5	166	0.6966	16.0	30	
Aroclor 1260	0.779	0.0401	0.8028	0	97.0	29.2	168	0.6358	20.2	30	
Surr: Decachlorobiphenyl	154		160.6		95.8	25.9	167		0		

Work Order: 2112242
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112242-077AMSD	SampType: MSD	Units: mg/Kg-dry			Prep Date: 12/15/2021	RunNo: 72024					
Client ID: A4-SIDE63:5	Batch ID: 34765				Analysis Date: 12/16/2021	SeqNo: 1469275					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene	174		160.6		108	31.3	173			0	

Sample ID: 1660-CCV-34765B	SampType: CCV	Units: mg/Kg			Prep Date: 12/16/2021	RunNo: 72024					
Client ID: CCV	Batch ID: 34765				Analysis Date: 12/16/2021	SeqNo: 1469276					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.999	0.0500	1.000	0	99.9	80	120				
Aroclor 1260	0.925	0.0500	1.000	0	92.5	80	120				
Surr: Decachlorobiphenyl	183		200.0		91.4	30.2	155				
Surr: Tetrachloro-m-xylene	199		200.0		99.5	58.8	143				

Sample ID: 1660-CCV-34766C	SampType: CCV	Units: mg/Kg			Prep Date: 12/16/2021	RunNo: 72033					
Client ID: CCV	Batch ID: 34766				Analysis Date: 12/16/2021	SeqNo: 1469520					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.00	0.0500	1.000	0	100	80	120				
Aroclor 1260	0.925	0.0500	1.000	0	92.5	80	120				
Surr: Decachlorobiphenyl	183		200.0		91.4	30.2	155				
Surr: Tetrachloro-m-xylene	199		200.0		99.5	58.8	143				

Sample ID: 1254-CCV-34765B	SampType: CCV	Units: mg/Kg			Prep Date: 12/16/2021	RunNo: 72024					
Client ID: CCV	Batch ID: 34765				Analysis Date: 12/16/2021	SeqNo: 1469277					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.922	0.0500	1.000	0	92.2	80	120				
Surr: Decachlorobiphenyl	172		200.0		86.2	30.2	155				
Surr: Tetrachloro-m-xylene	197		200.0		98.5	58.8	143				

Work Order: 2112242
 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34766C	SampType: CCV	Units: mg/Kg				Prep Date: 12/16/2021	RunNo: 72033				
Client ID: CCV	Batch ID: 34766					Analysis Date: 12/16/2021	SeqNo: 1469521				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.922	0.0500	1.000	0	92.2	80	120				
Surr: Decachlorobiphenyl	172		200.0		86.2	30.2	155				
Surr: Tetrachloro-m-xylene	197		200.0		98.5	58.8	143				

Sample ID: 1660-CCV-34766D	SampType: CCV	Units: mg/Kg				Prep Date: 12/16/2021	RunNo: 72033				
Client ID: CCV	Batch ID: 34766					Analysis Date: 12/16/2021	SeqNo: 1469537				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.924	0.0500	1.000	0	92.4	80	120				
Aroclor 1260	0.863	0.0500	1.000	0	86.3	80	120				
Surr: Decachlorobiphenyl	164		200.0		82.1	30.2	155				
Surr: Tetrachloro-m-xylene	192		200.0		95.9	58.8	143				

Sample ID: 1254-CCV-34766D	SampType: CCV	Units: mg/Kg				Prep Date: 12/16/2021	RunNo: 72033				
Client ID: CCV	Batch ID: 34766					Analysis Date: 12/16/2021	SeqNo: 1469538				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.921	0.0500	1.000	0	92.1	80	120				
Surr: Decachlorobiphenyl	176		200.0		88.1	30.2	155				
Surr: Tetrachloro-m-xylene	197		200.0		98.6	58.8	143				

Sample ID: 1660-CCV-34766E	SampType: CCV	Units: mg/Kg				Prep Date: 12/17/2021	RunNo: 72033				
Client ID: CCV	Batch ID: 34766					Analysis Date: 12/17/2021	SeqNo: 1470268				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.14	0.0500	1.000	0	114	80	120				
Aroclor 1260	1.13	0.0500	1.000	0	113	80	120				
Surr: Decachlorobiphenyl	218		200.0		109	30.2	155				
Surr: Tetrachloro-m-xylene	221		200.0		111	58.8	143				

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34766E	SampType: CCV	Units: mg/Kg			Prep Date: 12/17/2021	RunNo: 72033					
Client ID: CCV	Batch ID: 34766				Analysis Date: 12/17/2021	SeqNo: 1470268					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1254-CCV-34766E	SampType: CCV	Units: mg/Kg			Prep Date: 12/17/2021	RunNo: 72033					
Client ID: CCV	Batch ID: 34766				Analysis Date: 12/17/2021	SeqNo: 1470269					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.969	0.0500	1.000	0	96.9	80	120
Surr: Decachlorobiphenyl	208		200.0		104	30.2	155
Surr: Tetrachloro-m-xylene	215		200.0		108	58.8	143

Sample ID: 1660-CCV-34766F	SampType: CCV	Units: mg/Kg			Prep Date: 12/17/2021	RunNo: 72033					
Client ID: CCV	Batch ID: 34766				Analysis Date: 12/17/2021	SeqNo: 1470273					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.07	0.0500	1.000	0	107	80	120
Aroclor 1260	1.05	0.0500	1.000	0	105	80	120
Surr: Decachlorobiphenyl	201		200.0		101	30.2	155
Surr: Tetrachloro-m-xylene	209		200.0		104	58.8	143

Sample ID: 1254-CCV-34766F	SampType: CCV	Units: mg/Kg			Prep Date: 12/17/2021	RunNo: 72033					
Client ID: CCV	Batch ID: 34766				Analysis Date: 12/17/2021	SeqNo: 1470274					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.941	0.0500	1.000	0	94.1	80	120
Surr: Decachlorobiphenyl	204		200.0		102	30.2	155
Surr: Tetrachloro-m-xylene	210		200.0		105	58.8	143

Work Order: 2112242
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34814A	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72091				
Client ID: CCV	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472132				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.996	0.0500	1.000	0	99.6	80	120				
Aroclor 1260	0.950	0.0500	1.000	0	95.0	80	120				
Surr: Decachlorobiphenyl	179		200.0		89.3	30.2	155				
Surr: Tetrachloro-m-xylene	218		200.0		109	58.8	143				

Sample ID: 1254-CCV-34814A	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72091				
Client ID: CCV	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472133				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.989	0.0500	1.000	0	98.9	80	120				
Surr: Decachlorobiphenyl	173		200.0		86.6	30.2	155				
Surr: Tetrachloro-m-xylene	208		200.0		104	58.8	143				

Sample ID: MB-34814	SampType: MBLK	Units: mg/Kg				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: MBLKS	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472134				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	192		200.0		95.9	25.9	167				
Surr: Tetrachloro-m-xylene	240		200.0		120	31.3	173				

Work Order: 2112242
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34814	SampType: MBLK	Units: mg/Kg				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: MBLKS	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472134				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCS1-34814	SampType: LCS	Units: mg/Kg				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: LCSS	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472135				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.16	0.0500	1.000	0	116	54.1	142				
Aroclor 1260	1.10	0.0500	1.000	0	110	51.7	152				
Surr: Decachlorobiphenyl	198		200.0		99.0	25.9	167				
Surr: Tetrachloro-m-xylene	234		200.0		117	31.3	173				

Sample ID: LCS2-34814	SampType: LCS	Units: mg/Kg				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: LCSS	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472136				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.02	0.0500	1.000	0	102	55.9	156				
Surr: Decachlorobiphenyl	198		200.0		99.0	25.9	167				
Surr: Tetrachloro-m-xylene	230		200.0		115	31.3	173				

Sample ID: 2112277-013AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: BATCH	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472138				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.39	0.0595	1.189	0	117	26.5	166				
Aroclor 1260	1.36	0.0595	1.189	0	115	29.2	168				
Surr: Decachlorobiphenyl	242		237.9		102	25.9	167				
Surr: Tetrachloro-m-xylene	286		237.9		120	31.3	173				

Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112277-013AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: BATCH	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472139				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.16	0.0599	1.198	0	97.1	26.5	166	1.389	17.7	30	
Aroclor 1260	1.12	0.0599	1.198	0	93.1	29.2	168	1.365	20.1	30	
Surr: Decachlorobiphenyl	194		239.5		80.8	25.9	167		0		
Surr: Tetrachloro-m-xylene	229		239.5		95.6	31.3	173		0		

Sample ID: 1660-CCV-34814B	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72091				
Client ID: CCV	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472156				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.24	0.0500	1.000	0	124	80	120				S
Aroclor 1260	1.20	0.0500	1.000	0	120	80	120				S
Surr: Decachlorobiphenyl	242		200.0		121	30.2	155				
Surr: Tetrachloro-m-xylene	266		200.0		133	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for that analyte; result meets QC requirements.

Sample ID: 1660-CCV-34832A	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: CCV	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472671				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.24	0.0500	1.000	0	124	80	120				S
Aroclor 1260	1.21	0.0500	1.000	0	121	80	120				S
Surr: Decachlorobiphenyl	242		200.0		121	30.2	155				
Surr: Tetrachloro-m-xylene	266		200.0		133	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34814B	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72091				
Client ID: CCV	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472157				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	200		200.0		100	30.2	155				
Surr: Tetrachloro-m-xylene	234		200.0		117	58.8	143				

Sample ID: 1254-CCV-34832A	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: CCV	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472672				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.11	0.0500	1.000	0	111	80	120				
Surr: Decachlorobiphenyl	200		200.0		100	30.2	155				
Surr: Tetrachloro-m-xylene	234		200.0		117	58.8	143				

Sample ID: MB-34832	SampType: MBLK	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: MBLKS	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472673				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	221		200.0		110	25.9	167				
Surr: Tetrachloro-m-xylene	239		200.0		120	31.3	173				

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CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1-34832	SampType: LCS	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: LCSS	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472674				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.20	0.0500	1.000	0	120	54.1	142				
Aroclor 1260	1.16	0.0500	1.000	0	116	51.7	152				
Surr: Decachlorobiphenyl	212		200.0		106	25.9	167				
Surr: Tetrachloro-m-xylene	235		200.0		117	31.3	173				

Sample ID: LCS2-34832	SampType: LCS	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: LCSS	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472675				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.09	0.0500	1.000	0	109	55.9	156				
Surr: Decachlorobiphenyl	213		200.0		107	25.9	167				
Surr: Tetrachloro-m-xylene	232		200.0		116	31.3	173				

Sample ID: 2112242-084AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: A4-SIDE64:2	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472677				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.614	0.0478	0.9566	0	64.2	26.5	166				
Aroclor 1260	0.569	0.0478	0.9566	0	59.5	29.2	168				
Surr: Decachlorobiphenyl	102		191.3		53.6	25.9	167				
Surr: Tetrachloro-m-xylene	114		191.3		59.4	31.3	173				

Sample ID: 2112242-084AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: A4-SIDE64:2	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472678				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.02	0.0476	0.9520	0	107	26.5	166	0.6138	49.9	30	R
Aroclor 1260	0.918	0.0476	0.9520	0	96.4	29.2	168	0.5689	46.9	30	R
Surr: Decachlorobiphenyl	160		190.4		84.3	25.9	167		0		

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112242-084AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: A4-SIDE64:2	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472678				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 191 190.4 100 31.3 173 0

NOTES:

R - High RPD observed, spike recovery is within range.

Sample ID: 1660-CCV-34832B	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: CCV	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472685				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 1.19 0.0500 1.000 0 119 80 120
Aroclor 1260 1.16 0.0500 1.000 0 116 80 120
Surr: Decachlorobiphenyl 224 200.0 112 30.2 155
Surr: Tetrachloro-m-xylene 250 200.0 125 58.8 143

Sample ID: 1254-CCV-34832B	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: CCV	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472686				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.08 0.0500 1.000 0 108 80 120
Surr: Decachlorobiphenyl 193 200.0 96.3 30.2 155
Surr: Tetrachloro-m-xylene 227 200.0 113 58.8 143

Sample ID: 1660-CCV-34857A	SampType: CCV	Units: mg/Kg				Prep Date: 12/24/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/24/2021	SeqNo: 1473831				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 1.48 0.0500 1.000 0 148 80 120 S
Aroclor 1260 1.46 0.0500 1.000 0 146 80 120 S
Surr: Decachlorobiphenyl 234 200.0 117 30.2 155
Surr: Tetrachloro-m-xylene 256 200.0 128 58.8 143

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34857A	SampType: CCV	Units: mg/Kg	Prep Date: 12/24/2021	RunNo: 72189							
Client ID: CCV	Batch ID: 34857		Analysis Date: 12/24/2021	SeqNo: 1473831							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1254-CCV-34857A	SampType: CCV	Units: mg/Kg	Prep Date: 12/24/2021	RunNo: 72189							
Client ID: CCV	Batch ID: 34857		Analysis Date: 12/24/2021	SeqNo: 1473832							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.39	0.0500	1.000	0	139	80	120				S
Surr: Decachlorobiphenyl	221		200.0		111	30.2	155				
Surr: Tetrachloro-m-xylene	232		200.0		116	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: MB-34857	SampType: MBLK	Units: mg/Kg	Prep Date: 12/23/2021	RunNo: 72189							
Client ID: MBLKS	Batch ID: 34857		Analysis Date: 12/24/2021	SeqNo: 1473833							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	236		200.0		118	25.9	167				
Surr: Tetrachloro-m-xylene	239		200.0		119	31.3	173				

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1-34857	SampType: LCS	Units: mg/Kg				Prep Date: 12/23/2021	RunNo: 72189				
Client ID: LCSS	Batch ID: 34857					Analysis Date: 12/24/2021	SeqNo: 1473834				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.22	0.0500	1.000	0	122	54.1	142				
Aroclor 1260	1.22	0.0500	1.000	0	122	51.7	152				
Surr: Decachlorobiphenyl	231		200.0		116	25.9	167				
Surr: Tetrachloro-m-xylene	234		200.0		117	31.3	173				

Sample ID: LCS2-34857	SampType: LCS	Units: mg/Kg				Prep Date: 12/23/2021	RunNo: 72189				
Client ID: LCSS	Batch ID: 34857					Analysis Date: 12/24/2021	SeqNo: 1473835				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.06	0.0500	1.000	0	106	55.9	156				
Surr: Decachlorobiphenyl	222		200.0		111	25.9	167				
Surr: Tetrachloro-m-xylene	236		200.0		118	31.3	173				

Sample ID: 2112277-063AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/23/2021	RunNo: 72189				
Client ID: BATCH	Batch ID: 34857					Analysis Date: 12/24/2021	SeqNo: 1473848				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.29	0.0470	0.9399	0	138	26.5	166				
Aroclor 1260	1.21	0.0470	0.9399	0	129	29.2	168				
Surr: Decachlorobiphenyl	221		188.0		118	25.9	167				
Surr: Tetrachloro-m-xylene	258		188.0		137	31.3	173				

Sample ID: 2112277-063AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/23/2021	RunNo: 72189				
Client ID: BATCH	Batch ID: 34857					Analysis Date: 12/24/2021	SeqNo: 1473849				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.43	0.0494	0.9885	0	145	26.5	166	1.294	10.2	30	
Aroclor 1260	1.39	0.0494	0.9885	0	141	29.2	168	1.215	13.5	30	
Surr: Decachlorobiphenyl	254		197.7		128	25.9	167		0		

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112277-063AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/23/2021	RunNo: 72189							
Client ID: BATCH	Batch ID: 34857		Analysis Date: 12/24/2021	SeqNo: 1473849							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene	274		197.7		139	31.3	173		0		

Sample ID: 1660-CCV-34857B	SampType: CCV	Units: mg/Kg	Prep Date: 12/24/2021	RunNo: 72189							
Client ID: CCV	Batch ID: 34857		Analysis Date: 12/24/2021	SeqNo: 1473850							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.68	0.0500	1.000	0	168	80	120				S
Aroclor 1260	1.58	0.0500	1.000	0	158	80	120				S
Surr: Decachlorobiphenyl	251		200.0		126	30.2	155				
Surr: Tetrachloro-m-xylene	277		200.0		139	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1254-CCV-34857B	SampType: CCV	Units: mg/Kg	Prep Date: 12/24/2021	RunNo: 72189							
Client ID: CCV	Batch ID: 34857		Analysis Date: 12/24/2021	SeqNo: 1473851							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.53	0.0500	1.000	0	153	80	120				S
Surr: Decachlorobiphenyl	244		200.0		122	30.2	155				
Surr: Tetrachloro-m-xylene	266		200.0		133	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: 1660-CCV-34857C	SampType: CCV	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72189							
Client ID: CCV	Batch ID: 34857		Analysis Date: 12/28/2021	SeqNo: 1474466							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.08	0.0500	1.000	0	108	80	120				
Aroclor 1260	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	205		200.0		103	30.2	155				
Surr: Tetrachloro-m-xylene	234		200.0		117	58.8	143				

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34857C	SampType: CCV	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72189							
Client ID: CCV	Batch ID: 34857		Analysis Date: 12/28/2021	SeqNo: 1474466							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1254-CCV-34857C	SampType: CCV	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72189							
Client ID: CCV	Batch ID: 34857		Analysis Date: 12/28/2021	SeqNo: 1474467							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.15	0.0500	1.000	0	115	80	120				
Surr: Decachlorobiphenyl	208		200.0		104	30.2	155				
Surr: Tetrachloro-m-xylene	231		200.0		115	58.8	143				

Sample ID: 1660-CCV-34857D	SampType: CCV	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72189							
Client ID: CCV	Batch ID: 34857		Analysis Date: 12/28/2021	SeqNo: 1474479							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.37	0.0500	1.000	0	137	80	120				S
Aroclor 1260	1.41	0.0500	1.000	0	141	80	120				S
Surr: Decachlorobiphenyl	259		200.0		129	30.2	155				
Surr: Tetrachloro-m-xylene	261		200.0		131	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1254-CCV-34857D	SampType: CCV	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72189							
Client ID: CCV	Batch ID: 34857		Analysis Date: 12/28/2021	SeqNo: 1474480							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.27	0.0500	1.000	0	127	80	120				S
Surr: Decachlorobiphenyl	230		200.0		115	30.2	155				
Surr: Tetrachloro-m-xylene	232		200.0		116	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Two subsequent CCVs were analyzed with passing recovery.

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34857D	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/28/2021	SeqNo: 1474481				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	238		200.0		119	30.2	155				
Surr: Tetrachloro-m-xylene	239		200.0		120	58.8	143				

Sample ID: 1254-CCV-34857D	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/28/2021	SeqNo: 1474482				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.970	0.0500	1.000	0	97.0	80	120				
Surr: Decachlorobiphenyl	212		200.0		106	30.2	155				
Surr: Tetrachloro-m-xylene	231		200.0		115	58.8	143				

Sample ID: 1254-CCV-34857E	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/28/2021	SeqNo: 1474498				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.970	0.0500	1.000	0	97.0	80	120				
Surr: Decachlorobiphenyl	212		200.0		106	30.2	155				
Surr: Tetrachloro-m-xylene	231		200.0		115	58.8	143				

Sample ID: 1660-CCV-38457E	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/28/2021	SeqNo: 1474499				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.08	0.0500	1.000	0	108	80	120				
Aroclor 1260	1.13	0.0500	1.000	0	113	80	120				
Surr: Decachlorobiphenyl	230		200.0		115	30.2	155				
Surr: Tetrachloro-m-xylene	246		200.0		123	58.8	143				

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34857F	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/28/2021	SeqNo: 1474501				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	233		200.0		116	30.2	155				
Surr: Tetrachloro-m-xylene	242		200.0		121	58.8	143				

Sample ID: 1660-CCV-34857F	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/28/2021	SeqNo: 1501869				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.20	0.0500	1.000	0	120	80	120				S
Aroclor 1260	1.24	0.0500	1.000	0	124	80	120				S
Surr: Decachlorobiphenyl	254		200.0		127	30.2	155				
Surr: Tetrachloro-m-xylene	256		200.0		128	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1660-CCV-34883A	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72249				
Client ID: CCV	Batch ID: 34883					Analysis Date: 12/28/2021	SeqNo: 1475324				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.09	0.0500	1.000	0	109	80	120				
Aroclor 1260	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	232		200.0		116	30.2	155				
Surr: Tetrachloro-m-xylene	249		200.0		124	58.8	143				

Sample ID: 1254-CCV-34883A	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72249				
Client ID: CCV	Batch ID: 34883					Analysis Date: 12/28/2021	SeqNo: 1475325				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.23	0.0500	1.000	0	123	80	120				S
Surr: Decachlorobiphenyl	247		200.0		124	30.2	155				

Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34883A	SampType: CCV	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72249							
Client ID: CCV	Batch ID: 34883		Analysis Date: 12/28/2021	SeqNo: 1475325							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 250 200.0 125 58.8 143

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: MB-34883	SampType: MBLK	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72249							
Client ID: MBLKS	Batch ID: 34883		Analysis Date: 12/28/2021	SeqNo: 1475326							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	270		200.0		135	25.9	167				
Surr: Tetrachloro-m-xylene	265		200.0		132	31.3	173				

Sample ID: LCS1-34883	SampType: LCS	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72249							
Client ID: LCSS	Batch ID: 34883		Analysis Date: 12/28/2021	SeqNo: 1475327							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.26	0.0500	1.000	0	126	54.1	142				
Aroclor 1260	1.29	0.0500	1.000	0	129	51.7	152				
Surr: Decachlorobiphenyl	273		200.0		136	25.9	167				
Surr: Tetrachloro-m-xylene	259		200.0		129	31.3	173				

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112242-069AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/28/2021	RunNo: 72249				
Client ID: A4-SIDE62:9	Batch ID: 34883					Analysis Date: 12/28/2021	SeqNo: 1475334				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.43	0.0487	0.9734	0	147	26.5	166				
Aroclor 1260	1.25	0.0487	0.9734	0	129	29.2	168				
Surr: Decachlorobiphenyl	237		194.7		122	25.9	167				
Surr: Tetrachloro-m-xylene	267		194.7		137	31.3	173				

Sample ID: 2112242-069AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/28/2021	RunNo: 72249				
Client ID: A4-SIDE62:9	Batch ID: 34883					Analysis Date: 12/28/2021	SeqNo: 1475335				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.36	0.0492	0.9850	0	138	26.5	166	1.427	5.19	30	
Aroclor 1260	1.25	0.0492	0.9850	0	127	29.2	168	1.252	0.194	30	
Surr: Decachlorobiphenyl	205		197.0		104	25.9	167		0		
Surr: Tetrachloro-m-xylene	224		197.0		114	31.3	173		0		

Sample ID: LCS2-34883	SampType: LCS	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72249				
Client ID: LCSS	Batch ID: 34883					Analysis Date: 12/28/2021	SeqNo: 1475347				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.24	0.0500	1.000	0	124	55.9	156				
Surr: Decachlorobiphenyl	251		200.0		126	25.9	167				
Surr: Tetrachloro-m-xylene	269		200.0		135	31.3	173				

Sample ID: 1660-CCV-34883B	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72249				
Client ID: CCV	Batch ID: 34883					Analysis Date: 12/28/2021	SeqNo: 1475348				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.29	0.0500	1.000	0	129	80	120				S
Aroclor 1260	1.30	0.0500	1.000	0	130	80	120				S
Surr: Decachlorobiphenyl	268		200.0		134	30.2	155				

Work Order: 2112242
 CLIENT: Shannon & Wilson
 Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34883B	SampType: CCV	Units: mg/Kg			Prep Date: 12/28/2021	RunNo: 72249					
Client ID: CCV	Batch ID: 34883				Analysis Date: 12/28/2021	SeqNo: 1475348					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 283 200.0 141 58.8 143

NOTES:
 S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: 1254-CCV-34883B	SampType: CCV	Units: mg/Kg			Prep Date: 12/28/2021	RunNo: 72249					
Client ID: CCV	Batch ID: 34883				Analysis Date: 12/28/2021	SeqNo: 1475349					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.24 0.0500 1.000 0 124 80 120 S
 Surr: Decachlorobiphenyl 236 200.0 118 30.2 155
 Surr: Tetrachloro-m-xylene 252 200.0 126 58.8 143

NOTES:
 S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: 1660-CCV-34883C	SampType: CCV	Units: mg/Kg			Prep Date: 12/29/2021	RunNo: 72249					
Client ID: CCV	Batch ID: 34883				Analysis Date: 12/29/2021	SeqNo: 1475650					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 1.08 0.0500 1.000 0 108 80 120
 Aroclor 1260 1.12 0.0500 1.000 0 112 80 120
 Surr: Decachlorobiphenyl 227 200.0 114 30.2 155
 Surr: Tetrachloro-m-xylene 236 200.0 118 58.8 143

Sample ID: 1254-CCV-34883C	SampType: CCV	Units: mg/Kg			Prep Date: 12/29/2021	RunNo: 72249					
Client ID: CCV	Batch ID: 34883				Analysis Date: 12/29/2021	SeqNo: 1475651					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.13 0.0500 1.000 0 113 80 120
 Surr: Decachlorobiphenyl 230 200.0 115 30.2 155
 Surr: Tetrachloro-m-xylene 213 200.0 106 58.8 143

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34883D	SampType: CCV	Units: mg/Kg				Prep Date: 12/29/2021	RunNo: 72249				
Client ID: CCV	Batch ID: 34883					Analysis Date: 12/29/2021	SeqNo: 1475668				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.15	0.0500	1.000	0	115	80	120				
Aroclor 1260	1.19	0.0500	1.000	0	119	80	120				
Surr: Decachlorobiphenyl	245		200.0		123	30.2	155				
Surr: Tetrachloro-m-xylene	253		200.0		127	58.8	143				

Sample ID: 1254-CCV-34883D	SampType: CCV	Units: mg/Kg				Prep Date: 12/29/2021	RunNo: 72249				
Client ID: CCV	Batch ID: 34883					Analysis Date: 12/29/2021	SeqNo: 1475669				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.13	0.0500	1.000	0	113	80	120				
Surr: Decachlorobiphenyl	216		200.0		108	30.2	155				
Surr: Tetrachloro-m-xylene	231		200.0		115	58.8	143				

Sample ID: 1660-CCV-34918A	SampType: CCV	Units: mg/Kg				Prep Date: 1/4/2022	RunNo: 72337				
Client ID: CCV	Batch ID: 34918					Analysis Date: 1/4/2022	SeqNo: 1477084				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.897	0.0500	1.000	0	89.7	80	120				
Aroclor 1260	0.910	0.0500	1.000	0	91.0	80	120				
Surr: Decachlorobiphenyl	139		200.0		69.3	30.2	155				
Surr: Tetrachloro-m-xylene	167		200.0		83.4	58.8	143				

Sample ID: 1254-CCV-34918A	SampType: CCV	Units: mg/Kg				Prep Date: 1/4/2022	RunNo: 72337				
Client ID: CCV	Batch ID: 34918					Analysis Date: 1/4/2022	SeqNo: 1477085				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.867	0.0500	1.000	0	86.7	80	120				
Surr: Decachlorobiphenyl	148		200.0		74.1	30.2	155				
Surr: Tetrachloro-m-xylene	171		200.0		85.6	58.8	143				

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34918A	SampType: CCV	Units: mg/Kg	Prep Date: 1/4/2022	RunNo: 72337							
Client ID: CCV	Batch ID: 34918		Analysis Date: 1/4/2022	SeqNo: 1477085							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: MB-34918	SampType: MBLK	Units: mg/Kg	Prep Date: 12/31/2021	RunNo: 72337							
Client ID: MBLKS	Batch ID: 34918		Analysis Date: 1/4/2022	SeqNo: 1477086							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	180		200.0		90.0	25.9	167				
Surr: Tetrachloro-m-xylene	215		200.0		107	31.3	173				

Sample ID: LCS1-34918	SampType: LCS	Units: mg/Kg	Prep Date: 12/31/2021	RunNo: 72337							
Client ID: LCSS	Batch ID: 34918		Analysis Date: 1/4/2022	SeqNo: 1477087							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.995	0.0500	1.000	0	99.5	54.1	142				
Aroclor 1260	1.04	0.0500	1.000	0	104	51.7	152				
Surr: Decachlorobiphenyl	230		200.0		115	25.9	167				
Surr: Tetrachloro-m-xylene	226		200.0		113	31.3	173				

Work Order: 2112242
CLIENT: Shannon & Wilson
Project: 8801 - Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS2-34918	SampType: LCS	Units: mg/Kg				Prep Date: 12/31/2021	RunNo: 72337				
Client ID: LCSS	Batch ID: 34918					Analysis Date: 1/4/2022	SeqNo: 1477088				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.886	0.0500	1.000	0	88.6	55.9	156				
Surr: Decachlorobiphenyl	213		200.0		107	25.9	167				
Surr: Tetrachloro-m-xylene	217		200.0		108	31.3	173				

Sample ID: 2112242-043AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/31/2021	RunNo: 72337				
Client ID: A4-SIDE59:11	Batch ID: 34918					Analysis Date: 1/4/2022	SeqNo: 1477090				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.939	0.0411	0.8222	0	114	26.5	166				
Aroclor 1260	0.824	0.0411	0.8222	0	100	29.2	168				
Surr: Decachlorobiphenyl	147		164.4		89.6	25.9	167				
Surr: Tetrachloro-m-xylene	173		164.4		105	31.3	173				

Sample ID: 2112242-043AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/31/2021	RunNo: 72337				
Client ID: A4-SIDE59:11	Batch ID: 34918					Analysis Date: 1/4/2022	SeqNo: 1477091				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.984	0.0414	0.8282	0	119	26.5	166	0.9391	4.70	30	
Aroclor 1260	0.935	0.0414	0.8282	0	113	29.2	168	0.8243	12.6	30	
Surr: Decachlorobiphenyl	152		165.6		91.5	25.9	167		0		
Surr: Tetrachloro-m-xylene	184		165.6		111	31.3	173		0		

Sample ID: 1254-CCV-34918B	SampType: CCV	Units: mg/Kg				Prep Date: 1/4/2022	RunNo: 72337				
Client ID: CCV	Batch ID: 34918					Analysis Date: 1/4/2022	SeqNo: 1477096				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.05	0.0500	1.000	0	105	80	120				
Surr: Decachlorobiphenyl	171		200.0		85.7	30.2	155				
Surr: Tetrachloro-m-xylene	208		200.0		104	58.8	143				

Work Order: 2112242
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34918B	SampType: CCV	Units: mg/Kg	Prep Date: 1/4/2022	RunNo: 72337							
Client ID: CCV	Batch ID: 34918		Analysis Date: 1/4/2022	SeqNo: 1477096							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1254-CCV-34947A	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: CCV	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478409							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.11	0.0500	1.000	0	111	80	120				
Surr: Decachlorobiphenyl	196		200.0		97.8	30.2	155				
Surr: Tetrachloro-m-xylene	216		200.0		108	58.8	143				

Sample ID: 1660-CCV-34947A	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: CCV	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478410							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.32	0.0500	1.000	0	132	80	120				S
Aroclor 1260	1.37	0.0500	1.000	0	137	80	120				S
Surr: Decachlorobiphenyl	209		200.0		105	30.2	155				
Surr: Tetrachloro-m-xylene	232		200.0		116	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: MB-34947	SampType: MBLK	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: MBLKS	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478411							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34947	SampType: MBLK	Units: mg/Kg				Prep Date: 1/5/2022	RunNo: 72420				
Client ID: MBLKS	Batch ID: 34947					Analysis Date: 1/5/2022	SeqNo: 1478411				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	256		200.0		128	25.9	167				
Surr: Tetrachloro-m-xylene	275		200.0		138	31.3	173				

Sample ID: LCS1-34947	SampType: LCS	Units: mg/Kg				Prep Date: 1/5/2022	RunNo: 72420				
Client ID: LCSS	Batch ID: 34947					Analysis Date: 1/5/2022	SeqNo: 1478412				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.34	0.0500	1.000	0	134	54.1	142				
Aroclor 1260	1.43	0.0500	1.000	0	143	51.7	152				
Surr: Decachlorobiphenyl	243		200.0		122	25.9	167				
Surr: Tetrachloro-m-xylene	249		200.0		124	31.3	173				

Sample ID: LCS2-34947	SampType: LCS	Units: mg/Kg				Prep Date: 1/5/2022	RunNo: 72420				
Client ID: LCSS	Batch ID: 34947					Analysis Date: 1/5/2022	SeqNo: 1478413				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.14	0.0500	1.000	0	114	55.9	156				
Surr: Decachlorobiphenyl	201		200.0		101	25.9	167				
Surr: Tetrachloro-m-xylene	228		200.0		114	31.3	173				

Sample ID: 2112242-044AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/5/2022	RunNo: 72420				
Client ID: A4-SIDE59:12	Batch ID: 34947					Analysis Date: 1/5/2022	SeqNo: 1478415				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.69	0.0497	0.9946	0	170	26.5	166				S

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112242-044AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: A4-SIDE59:12	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478415							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1260	1.56	0.0497	0.9946	0	157	29.2	168				
Surr: Decachlorobiphenyl	160		198.9		80.6	25.9	167				
Surr: Tetrachloro-m-xylene	176		198.9		88.7	31.3	173				

NOTES:

S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample ID: 2112242-044AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: A4-SIDE59:12	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478416							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.52	0.0500	1.001	0	152	26.5	166	1.687	10.6	30	
Aroclor 1260	1.44	0.0500	1.001	0	144	29.2	168	1.563	7.97	30	
Surr: Decachlorobiphenyl	140		200.2		70.1	25.9	167		0		
Surr: Tetrachloro-m-xylene	154		200.2		76.7	31.3	173		0		

Sample ID: 1660-CCV-34947B	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: CCV	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478425							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.911	0.0500	1.000	0	91.1	80	120				
Aroclor 1260	0.806	0.0500	1.000	0	80.6	80	120				
Surr: Decachlorobiphenyl	119		200.0		59.5	30.2	155				
Surr: Tetrachloro-m-xylene	187		200.0		93.7	58.8	143				

Sample ID: 1254-CCV-34947B	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: CCV	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478426							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.879	0.0500	1.000	0	87.9	80	120				
Surr: Decachlorobiphenyl	130		200.0		65.1	30.2	155				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34947B	SampType: CCV	Units: mg/Kg				Prep Date: 1/5/2022	RunNo: 72420				
Client ID: CCV	Batch ID: 34947					Analysis Date: 1/5/2022	SeqNo: 1478426				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 198 200.0 98.9 58.8 143

Sample ID: 1660-CCV-34986A	SampType: CCV	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: CCV	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480013				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 1.13 0.0500 1.000 0 113 80 120
Aroclor 1260 1.12 0.0500 1.000 0 112 80 120
 Surr: Decachlorobiphenyl 185 200.0 92.6 30.2 155
 Surr: Tetrachloro-m-xylene 223 200.0 111 58.8 143

Sample ID: 1254-CCV-34986A	SampType: CCV	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: CCV	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480014				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.03 0.0500 1.000 0 103 80 120
 Surr: Decachlorobiphenyl 183 200.0 91.3 30.2 155
 Surr: Tetrachloro-m-xylene 220 200.0 110 58.8 143

Sample ID: MB-34986	SampType: MBLK	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: MBLKS	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480034				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 ND 0.0500
Aroclor 1221 ND 0.0500
Aroclor 1232 ND 0.0500
Aroclor 1242 ND 0.0500
Aroclor 1248 ND 0.0500
Aroclor 1254 ND 0.0500

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34986	SampType: MBLK	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: MBLKS	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480034				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	210		200.0		105	25.9	167				
Surr: Tetrachloro-m-xylene	238		200.0		119	31.3	173				

Sample ID: LCS1-34986	SampType: LCS	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: LCSS	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480015				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.15	0.0500	1.000	0	115	54.1	142				
Aroclor 1260	1.19	0.0500	1.000	0	119	51.7	152				
Surr: Decachlorobiphenyl	207		200.0		103	25.9	167				
Surr: Tetrachloro-m-xylene	226		200.0		113	31.3	173				

Sample ID: LCS2-34986	SampType: LCS	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: LCSS	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480016				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.04	0.0500	1.000	0	104	55.9	156				
Surr: Decachlorobiphenyl	187		200.0		93.5	25.9	167				
Surr: Tetrachloro-m-xylene	206		200.0		103	31.3	173				

Sample ID: 2112242-045AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: A4-SIDE59:13	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480018				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.27	0.0449	0.8971	0	141	26.5	166				

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CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112242-045AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: A4-SIDE59:13	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480018				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1260	1.02	0.0449	0.8971	0	114	29.2	168				
Surr: Decachlorobiphenyl	153		179.4		85.2	25.9	167				
Surr: Tetrachloro-m-xylene	170		179.4		95.0	31.3	173				

Sample ID: 2112242-045AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: A4-SIDE59:13	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480019				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.976	0.0451	0.9021	0	108	26.5	166	1.268	26.0	30	
Aroclor 1260	0.894	0.0451	0.9021	0	99.1	29.2	168	1.021	13.3	30	
Surr: Decachlorobiphenyl	143		180.4		79.0	25.9	167		0		
Surr: Tetrachloro-m-xylene	174		180.4		96.4	31.3	173		0		

Sample ID: 1660-CCV-34986B	SampType: CCV	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: CCV	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480026				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.19	0.0500	1.000	0	119	80	120				
Aroclor 1260	1.19	0.0500	1.000	0	119	80	120				
Surr: Decachlorobiphenyl	189		200.0		94.6	30.2	155				
Surr: Tetrachloro-m-xylene	228		200.0		114	58.8	143				

Sample ID: 1254-CCV-34986B	SampType: CCV	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: CCV	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480027				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.11	0.0500	1.000	0	111	80	120				
Surr: Decachlorobiphenyl	185		200.0		92.7	30.2	155				
Surr: Tetrachloro-m-xylene	231		200.0		115	58.8	143				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34986B	SampType: CCV	Units: mg/Kg			Prep Date: 1/10/2022	RunNo: 72513
Client ID: CCV	Batch ID: 34986				Analysis Date: 1/10/2022	SeqNo: 1480027
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Sample ID: 1660-CCV-35016A	SampType: CCV	Units: mg/Kg			Prep Date: 1/13/2022	RunNo: 72576
Client ID: CCV	Batch ID: 35016				Analysis Date: 1/13/2022	SeqNo: 1481127
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aroclor 1016	0.868	0.0500	1.000	0	86.8	80 120
Aroclor 1260	0.922	0.0500	1.000	0	92.2	80 120
Surr: Decachlorobiphenyl	170		200.0		84.9	30.2 155
Surr: Tetrachloro-m-xylene	194		200.0		97.2	58.8 143

Sample ID: 1254-CCV-35016A	SampType: CCV	Units: mg/Kg			Prep Date: 1/13/2022	RunNo: 72576
Client ID: CCV	Batch ID: 35016				Analysis Date: 1/13/2022	SeqNo: 1481128
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aroclor 1254	0.861	0.0500	1.000	0	86.1	80 120
Surr: Decachlorobiphenyl	149		200.0		74.3	30.2 155
Surr: Tetrachloro-m-xylene	176		200.0		88.2	58.8 143

Sample ID: MB-35016	SampType: MBLK	Units: mg/Kg			Prep Date: 1/13/2022	RunNo: 72576
Client ID: MBLKS	Batch ID: 35016				Analysis Date: 1/13/2022	SeqNo: 1481129
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aroclor 1016	ND	0.0500				
Aroclor 1221	ND	0.0500				
Aroclor 1232	ND	0.0500				
Aroclor 1242	ND	0.0500				
Aroclor 1248	ND	0.0500				
Aroclor 1254	ND	0.0500				
Aroclor 1260	ND	0.0500				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-35016	SampType: MBLK	Units: mg/Kg				Prep Date: 1/13/2022	RunNo: 72576				
Client ID: MBLKS	Batch ID: 35016					Analysis Date: 1/13/2022	SeqNo: 1481129				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	113		200.0		56.6	25.9	167				
Surr: Tetrachloro-m-xylene	186		200.0		93.0	31.3	173				

Sample ID: LCS1-35016	SampType: LCS	Units: mg/Kg				Prep Date: 1/13/2022	RunNo: 72576				
Client ID: LCSS	Batch ID: 35016					Analysis Date: 1/13/2022	SeqNo: 1481130				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.926	0.0500	1.000	0	92.6	54.1	142				
Aroclor 1260	0.861	0.0500	1.000	0	86.1	51.7	152				
Surr: Decachlorobiphenyl	143		200.0		71.4	25.9	167				
Surr: Tetrachloro-m-xylene	191		200.0		95.3	31.3	173				

Sample ID: LCS2-35016	SampType: LCS	Units: mg/Kg				Prep Date: 1/13/2022	RunNo: 72576				
Client ID: LCSS	Batch ID: 35016					Analysis Date: 1/13/2022	SeqNo: 1481143				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.00	0.0500	1.000	0	100	55.9	156				
Surr: Decachlorobiphenyl	182		200.0		91.0	25.9	167				
Surr: Tetrachloro-m-xylene	197		200.0		98.7	31.3	173				

Sample ID: 2112242-063AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/13/2022	RunNo: 72576				
Client ID: A4-SIDE61:15	Batch ID: 35016					Analysis Date: 1/13/2022	SeqNo: 1481133				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.937	0.0475	0.9507	0	98.5	26.5	166				
Aroclor 1260	0.702	0.0475	0.9507	0	73.8	29.2	168				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112242-063AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/13/2022	RunNo: 72576				
Client ID: A4-SIDE61:15	Batch ID: 35016					Analysis Date: 1/13/2022	SeqNo: 1481133				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	127		190.1		66.5	25.9	167				
Surr: Tetrachloro-m-xylene	144		190.1		75.5	31.3	173				

Sample ID: 2112242-063AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/13/2022	RunNo: 72576				
Client ID: A4-SIDE61:15	Batch ID: 35016					Analysis Date: 1/13/2022	SeqNo: 1481134				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.22	0.0464	0.9282	0	132	26.5	166	0.9368	26.6	30	
Aroclor 1260	1.26	0.0464	0.9282	0	135	29.2	168	0.7017	56.6	30	R
Surr: Decachlorobiphenyl	149		185.6		80.3	25.9	167		0		
Surr: Tetrachloro-m-xylene	172		185.6		92.9	31.3	173		0		

NOTES:
R - High RPD observed, spike recovery is within range.

Sample ID: 1660-CCV-35016B	SampType: CCV	Units: mg/Kg				Prep Date: 1/13/2022	RunNo: 72576				
Client ID: CCV	Batch ID: 35016					Analysis Date: 1/13/2022	SeqNo: 1481136				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.978	0.0500	1.000	0	97.8	80	120				
Aroclor 1260	1.00	0.0500	1.000	0	100	80	120				
Surr: Decachlorobiphenyl	180		200.0		89.9	30.2	155				
Surr: Tetrachloro-m-xylene	212		200.0		106	58.8	143				

Sample ID: 1254-CCV-35016B	SampType: CCV	Units: mg/Kg				Prep Date: 1/13/2022	RunNo: 72576				
Client ID: CCV	Batch ID: 35016					Analysis Date: 1/13/2022	SeqNo: 1481137				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.01	0.0500	1.000	0	101	80	120				
Surr: Decachlorobiphenyl	176		200.0		88.1	30.2	155				
Surr: Tetrachloro-m-xylene	205		200.0		102	58.8	143				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-35016B	SampType: CCV	Units: mg/Kg			Prep Date: 1/13/2022	RunNo: 72576					
Client ID: CCV	Batch ID: 35016				Analysis Date: 1/13/2022	SeqNo: 1481137					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1660-CCV-35016C	SampType: CCV	Units: mg/Kg			Prep Date: 1/14/2022	RunNo: 72576					
Client ID: CCV	Batch ID: 35016				Analysis Date: 1/14/2022	SeqNo: 1481138					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.904	0.0500	1.000	0	90.4	80	120				
Aroclor 1260	0.914	0.0500	1.000	0	91.4	80	120				
Surr: Decachlorobiphenyl	160		200.0		80.0	30.2	155				
Surr: Tetrachloro-m-xylene	201		200.0		101	58.8	143				

Sample ID: 1254-CCV-35016C	SampType: CCV	Units: mg/Kg			Prep Date: 1/14/2022	RunNo: 72576					
Client ID: CCV	Batch ID: 35016				Analysis Date: 1/14/2022	SeqNo: 1481139					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.928	0.0500	1.000	0	92.8	80	120				
Surr: Decachlorobiphenyl	170		200.0		85.0	30.2	155				
Surr: Tetrachloro-m-xylene	201		200.0		101	58.8	143				

Sample ID: 1660-CCV-35016D	SampType: CCV	Units: mg/Kg			Prep Date: 1/14/2022	RunNo: 72576					
Client ID: CCV	Batch ID: 35016				Analysis Date: 1/14/2022	SeqNo: 1481141					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.19	0.0500	1.000	0	119	80	120				
Aroclor 1260	1.12	0.0500	1.000	0	112	80	120				
Surr: Decachlorobiphenyl	173		200.0		86.5	30.2	155				
Surr: Tetrachloro-m-xylene	246		200.0		123	58.8	143				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-35016D	SampType: CCV	Units: mg/Kg				Prep Date: 1/14/2022	RunNo: 72576				
Client ID: CCV	Batch ID: 35016					Analysis Date: 1/14/2022	SeqNo: 1481142				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.941	0.0500	1.000	0	94.1	80	120				
Surr: Decachlorobiphenyl	146		200.0		72.9	30.2	155				
Surr: Tetrachloro-m-xylene	208		200.0		104	58.8	143				

Sample ID: 1660-CCV-35055A	SampType: CCV	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72676				
Client ID: CCV	Batch ID: 35055					Analysis Date: 1/18/2022	SeqNo: 1483240				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.00	0.0500	1.000	0	100	80	120				
Aroclor 1260	1.04	0.0500	1.000	0	104	80	120				
Surr: Decachlorobiphenyl	166		200.0		83.1	30.2	155				
Surr: Tetrachloro-m-xylene	209		200.0		105	58.8	143				

Sample ID: 1254-CCV-35055A	SampType: CCV	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72676				
Client ID: CCV	Batch ID: 35055					Analysis Date: 1/18/2022	SeqNo: 1483241				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.978	0.0500	1.000	0	97.8	80	120				
Surr: Decachlorobiphenyl	152		200.0		76.0	30.2	155				
Surr: Tetrachloro-m-xylene	191		200.0		95.6	58.8	143				

Sample ID: MB-35055	SampType: MBLK	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72676				
Client ID: MBLKS	Batch ID: 35055					Analysis Date: 1/18/2022	SeqNo: 1483242				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-35055	SampType: MBLK	Units: mg/Kg			Prep Date: 1/18/2022	RunNo: 72676					
Client ID: MBLKS	Batch ID: 35055				Analysis Date: 1/18/2022	SeqNo: 1483242					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	195		200.0		97.7	25.9	167				
Surr: Tetrachloro-m-xylene	236		200.0		118	31.3	173				

Sample ID: LCS1-35055	SampType: LCS	Units: mg/Kg			Prep Date: 1/18/2022	RunNo: 72676					
Client ID: LCSS	Batch ID: 35055				Analysis Date: 1/18/2022	SeqNo: 1483243					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.11	0.0500	1.000	0	111	54.1	142				
Aroclor 1260	1.19	0.0500	1.000	0	119	51.7	152				
Surr: Decachlorobiphenyl	197		200.0		98.5	25.9	167				
Surr: Tetrachloro-m-xylene	224		200.0		112	31.3	173				

Sample ID: LCS2-35055	SampType: LCS	Units: mg/Kg			Prep Date: 1/18/2022	RunNo: 72676					
Client ID: LCSS	Batch ID: 35055				Analysis Date: 1/18/2022	SeqNo: 1483244					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.15	0.0500	1.000	0	115	55.9	156				
Surr: Decachlorobiphenyl	191		200.0		95.4	25.9	167				
Surr: Tetrachloro-m-xylene	229		200.0		115	31.3	173				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1D-35055	SampType: LCS D	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72676					
Client ID: LCSS02	Batch ID: 35055					Analysis Date: 1/18/2022	SeqNo: 1483245					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Aroclor 1016	1.30	0.0500	1.000	0	130	54.1	142	1.111	15.4	20		
Aroclor 1260	1.37	0.0500	1.000	0	137	51.7	152	1.193	13.9	20		
Surr: Decachlorobiphenyl	206		200.0		103	25.9	167		0			
Surr: Tetrachloro-m-xylene	238		200.0		119	31.3	173		0			

Sample ID: 1660-CCV-35055B	SampType: CCV	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72676					
Client ID: CCV	Batch ID: 35055					Analysis Date: 1/18/2022	SeqNo: 1483248					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Aroclor 1016	1.13	0.0500	1.000	0	113	80	120					
Aroclor 1260	1.26	0.0500	1.000	0	126	80	120				S	
Surr: Decachlorobiphenyl	219		200.0		110	30.2	155					
Surr: Tetrachloro-m-xylene	237		200.0		118	58.8	143					

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1254-CCV-35055B	SampType: CCV	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72676					
Client ID: CCV	Batch ID: 35055					Analysis Date: 1/18/2022	SeqNo: 1483249					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Aroclor 1254	1.18	0.0500	1.000	0	118	80	120					
Surr: Decachlorobiphenyl	201		200.0		101	30.2	155					
Surr: Tetrachloro-m-xylene	232		200.0		116	58.8	143					

Client Name: **SW**
 Logged by: **Clare Griggs**

 Work Order Number: **2112242**
 Date Received: **12/14/2021 5:25:00 PM**
Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >2°C to 6°C * Yes No NA
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Sample	5.4

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Date: 12/14/21 Page: 3 of 10
 Project Name: 8801-Remediation
 Project No: 21-1-12567-030
 Collected by: Rose Vogt
 Location: Tenby lot
 Report To (PM): Meg Sheng
 PM Email: MJS@sharvil.com

Laboratory Project No (Internal): 21122
 Special Remarks: O = hold analysis
 X = run per MS, 2 Day, 12/22/21
 -CG
 Sample Disposal: Return to client Disposal by lab

Person: A Wilson
 3416 Street Safeloo
 Seattle, WA 98105

Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	SVOCS (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) Dissolved (D)	Anions (IC)**	ED8 (8011)	Comments
12/14	1040	S	1												
54: 2															
54: 6	1044		1												
55: 2	1052														
55: 6.5	1057														
DE SW: 2	1112														
DE SW: 5	1115														
57: 9	1126														
57: 10	1127														
57: 11	1128														
DE SW: 12	1130														

I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement terms on the front and backside of this Agreement.

Print Name: [Signature] Date/Time: 12/14/21
 Received (Signature): [Signature] Date/Time: 12/14/21
 Print Name: Alex Trejo Date/Time: 12/14/21



Fremont
ANALYTICAL

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 12/14/21 Page: 4 of 10
Project Name: 8801-Remediation
Project No: 21-1-12587-030
Collected by: Rose Vogt
Location: Tukwila, WA
Report To (PM): Meg Stroy
PM Email: MJS@shawi.com

Laboratory Project No (Internal): 2122212
Special Remarks: 0 = hold analysis

Sample Disposal: Return to client Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	Analytes														Comments							
					VOCS (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) Dissolved (D)	Anions (IC)**	EDB (8011)	Copper									
1 AY-SIDE 57: 13	12/14		S	1																						
2 AY-SIDE 57: 14																										
3 AY-SIDE 57: 15																										
4 AY-SIDE 58: 2																										
5 AY-SIDE 201: 2																										
6 AY-SIDE 58: 6																										
7 AY-SIDE 59: 2																										
8 AY-SIDE 59: 6																										
9 AY-SIDE 59: 7																										
10 AY-SIDE 59: 8																										

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Turn-around Time:
 Standard Next Day
 3 Day Same Day
 2 Day (specify)

Relinquished (Signature): [Signature] Print Name: Ryan Peterson Date/Time: 12/14/21
 Received (Signature): [Signature] Print Name: Alex Tejo Date/Time: 12/14/21 17:25

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Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 12/14/21 Page: 45 of 10

Project Name: 21-1-0557-030

Project No: 8801 Amendment

Collected by: Bob WBS

Location: Tukula, WA

Report To (PM): Meg Shaw

PM Email: MMS@shawnl.com

Laboratory Project No (Internal):

212242

Special Remarks:

O = hold analysis

X = run per MS, 2 Day, 12/22/21 - CG

X - run per MS 2 Day, 12/30/21 - gac

Sample Disposal: Return to client Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	Analytes											Comments										
					VOCS (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) Dissolved (D)	Anions (Cl)**		EDB (8011)									
1 AY-SIDE 59:9	12/14	1155	S	1	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>																			
2 AY-SIDE 59:10		1159			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>																			
3 AY-SIDE 59:11		1200			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>																			
4 AY-SIDE 59:12		1201			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>																			
5 AY-SIDE 59:13		1205			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>																			
6 AY-SIDE 59:14		1206			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>																			
7 AY-SIDE 59:15		1707			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>																			
8 AY-SIDE 60:10		1258			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>																			
9 AY-SIDE 60:11		1259			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>																			
10 AY-SIDE 60:11.5		1300			<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>																			Added 12/20/2021 MJS

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Tl Ti V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate-Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature) _____ Date/Time _____

Received (Signature) _____ Date/Time _____

Relinquished (Signature) _____ Date/Time _____



3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 12/14/21 Page: 56 of 10
Project Name: 8601 Fremont
Project No: X 21-1-12567-030
Collected by: Rose VOGT
Location: Tukwila, WA, 99002
Report to (PM): Ms. Sheng
PM Email:

Laboratory Project No (Internal): 21122042
Special Remarks:
X = run per MS, 2 Day, 12/22/21 - CG
O = had analysis
X - run per MS 2 Day, 12/30/21 - gac

Client: Sharron Wilson
Address: 400 N. 34th St, Suite 100
City, State, Zip: Seattle, WA 98103
Telephone:
Fax:

Sample Disposal: Return to client Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	Analytes										Comments										
					VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8270 - 625)	Metals** (EPA 8082 / 608)	Total (T) Dissolved (D)		Anions (IC)**	EDB (8011)								
1 AY-SIDE 60: 13	12/14	1304	S	1	X																				
2 AY-SIDE 60: 14		1305			X																				
3 AY-SIDE 60: 15		1306			X																				
4 AY-SIDE 61: 2		1316			X																				
5 AY-SIDE 61: 5.5		1323			X																				
6 AY-SIDE 61: 7		1325			X																				
7 AY-SIDE 61: 8		1326			X																				
8 AY-SIDE 61: 10		1329			X																				
9 AY-SIDE 61: 11		1330			X																				
10 AY-SIDE 61: 12		1331			X																				

Added 12/20/2021 MJS

Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water
 **Metals (Circle): MTC-A-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Tl Ti V Zn
 ***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate/Nitrite

Turn-around Time:
 Standard Next Day
 2 Day Same Day
 3 Day [specify]

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature) [Signature] Date/Time 12/14/21 17:00
 Received (Signature) [Signature] Date/Time 12/14/21 17:25



Fremont
Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Client: Spencer & Wilson
 Address: 400 N. 34th St, Suite 100
Seattle, WA 98103
 City, State, Zip: Seattle, WA 98103
 Telephone: _____
 Fax: _____

Date: 12/14/21 Page: 7 of: 10
 Project Name: 8801-Remediation
 Project No: 21-12567-036
 Collected by: Rose WGA
 Location: Duvall, WA
 Report To (PM): My Sams
 PM Email: _____

Laboratory Project No (Internal): 212242
 Special Remarks: O = hold analysis
X = run per MS, 2 Day, 12/22/21 - CG
X - run per MS 2 Day, 12/30/21 - gac
 Sample Disposal: Return to client Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	Analytes													Comments									
					VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCD)	Diesel/heavy Oil range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) Dissolved (D)	Anions (IC)**	EDB (801)											
1 AY-SIDE-01:13	12/14	1332	S	1	X																						
2 AY-SIDE-01:14		1333			X																						
3 AY-SIDE-01:15		1334			X																						
4 AY-SIDE-02:2		1342			X																						
5 AY-SIDE-02:5		1345			X																						
6 AY-SIDE-02:6		1346			X																						
7 AY-SIDE-02:7		1347			X																						
8 AY-SIDE-02:8		1348			X																						
9 AY-SIDE-02:9		1349			X																						
10 AY-SIDE-02:10		1352			X																						

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water
 **Metals (Circle): MTCA-5 RCA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Tl Ti V Zn
 ***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature) _____ Date/Time _____
 Relinquished (Signature) _____ Date/Time _____

Print Name _____ Date/Time _____
 Print Name _____ Date/Time _____

Received (Signature) _____ Date/Time _____
 Received (Signature) _____ Date/Time _____

Print Name _____ Date/Time _____
 Print Name _____ Date/Time _____

Turn-around Time:
 Standard Next Day
 3 Day Same Day
 2 Day _____ (specify)

Added 12/20/2021 MJS

DATA SET for Review -- Deliverable Requirements

Polychlorinated Biphenyls (PCB) by EPA 8082

Fremont Analytical Work Order No. 2112242

Shannon & Wilson

Project Name: 8801- Remediation

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information

Data Directory: D:\GC-16\Data\2021\111721\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 111701.D CO	8081_8082A_608.M	6	1.000	17 Nov 2021 09:26 am
2) 111702.D 1660 10	8081_8082A_608.M	11	1.000	17 Nov 2021 09:36 am
3) 111703.D 1660 20	8081_8082A_608.M	12	1.000	17 Nov 2021 09:45 am
4) 111704.D 1660 50	8081_8082A_608.M	13	1.000	17 Nov 2021 09:55 am
5) 111705.D 1660 100	8081_8082A_608.M	14	1.000	17 Nov 2021 10:05 am
6) 111706.D 1660 200	8081_8082A_608.M	15	1.000	17 Nov 2021 10:15 am
7) 111707.D 1660 500	8081_8082A_608.M	16	1.000	17 Nov 2021 10:24 am
8) 111708.D 1660 1000	8081_8082A_608.M	17	1.000	17 Nov 2021 10:34 am
9) 111709.D 1660 2000	8081_8082A_608.M	18	1.000	17 Nov 2021 10:44 am
10) 111710.D 1660 ICB	8081_8082A_608.M	19	1.000	17 Nov 2021 10:53 am
11) 111711.D 1660 ICV	8081_8082A_608.M	20	1.000	17 Nov 2021 11:03 am
12) 111712.D 1254 10	8081_8082A_608.M	21	1.000	17 Nov 2021 11:13 am
13) 111713.D 1254 20	8081_8082A_608.M	22	1.000	17 Nov 2021 11:22 am
14) 111714.D 1254 50	8081_8082A_608.M	23	1.000	17 Nov 2021 11:32 am
15) 111715.D 1254 100	8081_8082A_608.M	24	1.000	17 Nov 2021 11:42 am
16) 111716.D 1254 200	8081_8082A_608.M	25	1.000	17 Nov 2021 11:52 am
17) 111717.D 1254 500	8081_8082A_608.M	26	1.000	17 Nov 2021 12:01 pm
18) 111718.D 1254 1000	8081_8082A_608.M	27	1.000	17 Nov 2021 12:11 pm
19) 111719.D 1254 2000	8081_8082A_608.M	28	1.000	17 Nov 2021 12:21 pm
20) 111720.D 1254 ICB	8081_8082A_608.M	29	1.000	17 Nov 2021 12:30 pm
21) 111721.D 1254 ICV	8081_8082A_608.M	30	1.000	17 Nov 2021 12:40 pm

22)	111722.D	8081_8082A_608.M	31	1.000	17 Nov 2021	12:50	pm
23)	111723.D	8081_8082A_608.M	32	1.000	17 Nov 2021	01:00	pm
24)	111724.D	8081_8082A_608.M	33	1.000	17 Nov 2021	01:09	pm
25)	111725.D	8081_8082A_608.M	34	1.000	17 Nov 2021	01:19	pm
26)	111726.D	8081_8082A_608.M	35	1.000	17 Nov 2021	01:29	pm
27)	111727.D	8081_8082A_608.M	36	1.000	17 Nov 2021	01:39	pm
28)	111728.D	8081_8082A_608.M	37	1.000	17 Nov 2021	01:48	pm
29)	111729.D	8081_8082A_608.M	38	1.000	17 Nov 2021	01:58	pm
30)	111730.D	8081_8082A_608.M	39	1.000	17 Nov 2021	02:08	pm
31)	111731.D	8081_8082A_608.M	40	1.000	17 Nov 2021	02:17	pm
32)	111732.D	8081_8082A_608.M	6	1.000	17 Nov 2021	02:27	pm
33)	111733.D	8081_8082A_608.M	7	1.000	17 Nov 2021	02:37	pm
34)	111734.D	8081_8082A_608.M	8	1.000	17 Nov 2021	02:47	pm
35)	111735.D	8081_8082A_608.M	41	1.000	17 Nov 2021	02:56	pm
36)	111736.D	8081_8082A_608.M	42	1.000	17 Nov 2021	03:06	pm
37)	111737.D	8081_8082A_608.M	43	1.000	17 Nov 2021	03:16	pm
38)	111738.D	8081_8082A_608.M	44	1.000	17 Nov 2021	03:26	pm
39)	111739.D	8081_8082A_608.M	45	1.000	17 Nov 2021	03:35	pm
40)	111740.D	8081_8082A_608.M	46	1.000	17 Nov 2021	03:45	pm
41)	111741.D	8081_8082A_608.M	47	1.000	17 Nov 2021	03:55	pm
42)	111742.D	8081_8082A_608.M	48	1.000	17 Nov 2021	04:04	pm
43)	111743.D	8081_8082A_608.M	6	1.000	17 Nov 2021	04:14	pm
44)	111744.D	8081_8082A_608.M	7	1.000	17 Nov 2021	04:24	pm
45)	111745.D	8081_8082A_608.M					

1221-CCV		8	1.000	17 Nov 2021	04:34	pm
46) 111746.D	8081_8082A_608.M					
MB-34460		51	1.000	17 Nov 2021	04:43	pm
47) 111747.D	8081_8082A_608.M					
LC1-34460		52	1.000	17 Nov 2021	04:53	pm
48) 111748.D	8081_8082A_608.M					
LCS1D-34460		53	1.000	17 Nov 2021	05:03	pm
49) 111749.D	8081_8082A_608.M					
LCS2-34460		54	1.000	17 Nov 2021	05:12	pm
50) 111750.D	8081_8082A_608.M					
LCS-LL-34460		55	1.000	17 Nov 2021	05:22	pm
51) 111751.D	8081_8082A_608.M					
2111233-001A		56	1.000	17 Nov 2021	05:32	pm
52) 111752.D	8081_8082A_608.M					
2111234-001A		57	1.000	17 Nov 2021	05:42	pm
53) 111753.D	8081_8082A_608.M					
2111317-001A		58	1.000	17 Nov 2021	05:51	pm
54) 111754.D	8081_8082A_608.M					
2111318-001A		59	1.000	17 Nov 2021	06:01	pm
55) 111755.D	8081_8082A_608.M					
2111338-001D		60	1.000	17 Nov 2021	06:11	pm
56) 111756.D	8081_8082A_608.M					
2111339-001D		61	1.000	17 Nov 2021	06:20	pm
57) 111757.D	8081_8082A_608.M					
2111339-001DMS		62	1.000	17 Nov 2021	06:30	pm
58) 111758.D	8081_8082A_608.M					
CO		6	1.000	17 Nov 2021	06:40	pm
59) 111759.D	8081_8082A_608.M					
1660-CCV-		6	1.000	17 Nov 2021	06:50	pm
60) 111760.D	8081_8082A_608.M					
1254-CCV-		7	1.000	17 Nov 2021	06:59	pm
61) 111761.D	8081_8082A_608.M					
MB-34475		71	1.000	17 Nov 2021	07:09	pm
62) 111762.D	8081_8082A_608.M					
LCS1-34475		72	1.000	17 Nov 2021	07:19	pm
63) 111763.D	8081_8082A_608.M					
LCS2-34475		73	1.000	17 Nov 2021	07:29	pm
64) 111764.D	8081_8082A_608.M					
2111300-010A		74	1.000	17 Nov 2021	07:38	pm
65) 111765.D	8081_8082A_608.M					
2111300-010AMS		75	1.000	17 Nov 2021	07:48	pm
66) 111766.D	8081_8082A_608.M					
2111300-010AMSD		76	1.000	17 Nov 2021	07:58	pm
67) 111767.D	8081_8082A_608.M					
2111335-001A		77	1.000	17 Nov 2021	08:07	pm
68) 111768.D	8081_8082A_608.M					
2111335-002A		78	1.000	17 Nov 2021	08:17	pm

69) 111769.D 2111335-003A	8081_8082A_608.M	79	1.000	17 Nov 2021	08:27 pm
70) 111770.D CO	8081_8082A_608.M	7	1.000	17 Nov 2021	08:37 pm
71) 111771.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Nov 2021	08:46 pm
72) 111772.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Nov 2021	08:56 pm

Data Directory: D:\GC-16\Data\2021\121521\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 121501.D CO	8081_8082A_608.M	6	1.000	15 Dec 2021 08:23 am
2) 121502.D CO	8081_8082A_608.M	7	1.000	15 Dec 2021 08:32 am
3) 121503.D 1660-CCV-	8081_8082A_608.M	6	1.000	15 Dec 2021 08:42 am
4) 121504.D 1254-CCV-	8081_8082A_608.M	7	1.000	15 Dec 2021 08:52 am
5) 121505.D MB-34736	8081_8082A_608.M	91	1.000	15 Dec 2021 09:02 am
6) 121506.D LCS1-34736	8081_8082A_608.M	92	1.000	15 Dec 2021 09:11 am
7) 121507.D LCS2-34736	8081_8082A_608.M	93	1.000	15 Dec 2021 09:21 am
8) 121508.D LCS1D-34736	8081_8082A_608.M	94	1.000	15 Dec 2021 09:31 am
9) 121509.D 2112206-001A	8081_8082A_608.M	95	1.000	15 Dec 2021 09:40 am
10) 121510.D MB-34735	8081_8082A_608.M	121	1.000	15 Dec 2021 09:50 am
11) 121511.D LCS1-34735	8081_8082A_608.M	122	1.000	15 Dec 2021 10:00 am
12) 121512.D LCS1D-34735	8081_8082A_608.M	123	1.000	15 Dec 2021 10:10 am
13) 121513.D LCS2-34735	8081_8082A_608.M	124	1.000	15 Dec 2021 10:20 am
14) 121514.D 2112202-001A	8081_8082A_608.M	125	1.000	15 Dec 2021 10:29 am
15) 121515.D 2112202-001AMS	8081_8082A_608.M	126	1.000	15 Dec 2021 10:39 am
16) 121516.D CO	8081_8082A_608.M	7	1.000	15 Dec 2021 10:49 am
17) 121517.D 1660-CCV-	8081_8082A_608.M	6	1.000	15 Dec 2021 10:59 am
18) 121518.D 1254-CCV-	8081_8082A_608.M	7	1.000	15 Dec 2021 11:08 am
19) 121519.D MB-34748	8081_8082A_608.M	101	1.000	15 Dec 2021 11:18 am
20) 121520.D LCS1-34748	8081_8082A_608.M	102	1.000	15 Dec 2021 11:28 am
21) 121521.D LCS2-34748	8081_8082A_608.M	103	1.000	15 Dec 2021 11:38 am

22) 121522.D	8081_8082A_608.M	104	1.000	15 Dec 2021	11:47 am
2112222-001A					
23) 121523.D	8081_8082A_608.M	105	1.000	15 Dec 2021	11:57 am
2112222-001AMS					
24) 121524.D	8081_8082A_608.M	106	1.000	15 Dec 2021	12:07 pm
2112222-001AMSD					
25) 121525.D	8081_8082A_608.M	107	1.000	15 Dec 2021	12:17 pm
2112222-002A					
26) 121526.D	8081_8082A_608.M	108	1.000	15 Dec 2021	12:26 pm
2112222-003A					
27) 121527.D	8081_8082A_608.M	109	1.000	15 Dec 2021	12:36 pm
2112222-004A					
28) 121528.D	8081_8082A_608.M	110	1.000	15 Dec 2021	12:46 pm
2112222-005A					
29) 121529.D	8081_8082A_608.M	111	1.000	15 Dec 2021	12:56 pm
2112222-006A					
30) 121530.D	8081_8082A_608.M	112	1.000	15 Dec 2021	01:05 pm
2112222-007A					
31) 121531.D	8081_8082A_608.M	113	1.000	15 Dec 2021	01:15 pm
2112222-008A					
32) 121532.D	8081_8082A_608.M	6	1.000	15 Dec 2021	01:25 pm
CO					
33) 121533.D	8081_8082A_608.M	6	1.000	15 Dec 2021	01:35 pm
1660-CCV-					
34) 121534.D	8081_8082A_608.M	7	1.000	15 Dec 2021	01:44 pm
1254-CCV-					
35) 121535.D	8081_8082A_608.M	51	1.000	15 Dec 2021	01:54 pm
MB-34696					
36) 121536.D	8081_8082A_608.M	52	1.000	15 Dec 2021	02:04 pm
LCS1-34696					
37) 121537.D	8081_8082A_608.M	53	1.000	15 Dec 2021	02:14 pm
LCS2-34696					
38) 121538.D	8081_8082A_608.M	54	1.000	15 Dec 2021	02:23 pm
2112107-018A					
39) 121539.D	8081_8082A_608.M	55	1.000	15 Dec 2021	02:33 pm
2112107-018AMS					
40) 121540.D	8081_8082A_608.M	56	1.000	15 Dec 2021	02:43 pm
2112107-018AMSD					
41) 121541.D	8081_8082A_608.M	57	1.000	15 Dec 2021	02:53 pm
2112107-033A					
42) 121542.D	8081_8082A_608.M	58	1.000	15 Dec 2021	03:02 pm
2112107-034A					
43) 121543.D	8081_8082A_608.M	59	1.000	15 Dec 2021	03:12 pm
2112107-035A					
44) 121544.D	8081_8082A_608.M	60	1.000	15 Dec 2021	03:22 pm
2112107-037A					
45) 121545.D	8081_8082A_608.M				

			7	1.000	15 Dec 2021	03:38	pm
46)	121546.D	8081_8082A_608.M					
1660-CCV-			6	1.000	15 Dec 2021	03:48	pm
47)	121547.D	8081_8082A_608.M					
1254-CCV-			7	1.000	15 Dec 2021	03:57	pm
48)	121548.D	8081_8082A_608.M					
MB-34736			91	1.000	15 Dec 2021	04:07	pm
49)	121549.D	8081_8082A_608.M					
LCS1-34736			92	1.000	15 Dec 2021	04:17	pm
50)	121550.D	8081_8082A_608.M					
LCS2-34736			93	1.000	15 Dec 2021	04:27	pm
51)	121551.D	8081_8082A_608.M					
LCS1D-34736			94	1.000	15 Dec 2021	04:36	pm
52)	121552.D	8081_8082A_608.M					
2112107-033A			57	1.000	15 Dec 2021	04:46	pm
53)	121553.D	8081_8082A_608.M					
2112206-001A			95	1.000	15 Dec 2021	04:56	pm
54)	121554.D	8081_8082A_608.M					
1660-CCV-			6	1.000	15 Dec 2021	05:05	pm
55)	121555.D	8081_8082A_608.M					
1254-CCV-			7	1.000	15 Dec 2021	05:15	pm
56)	121556.D	8081_8082A_608.M					
MB-34766			11	1.000	15 Dec 2021	05:25	pm
57)	121557.D	8081_8082A_608.M					
LCS1-34766			12	1.000	15 Dec 2021	05:35	pm
58)	121558.D	8081_8082A_608.M					
LCS2-34766			13	1.000	15 Dec 2021	05:44	pm
59)	121559.D	8081_8082A_608.M					
LCS1D-34766			14	1.000	15 Dec 2021	05:54	pm
60)	121560.D	8081_8082A_608.M					
2112242-001A			15	1.000	15 Dec 2021	06:04	pm
61)	121561.D	8081_8082A_608.M					
2112242-002A			16	1.000	15 Dec 2021	06:14	pm
62)	121562.D	8081_8082A_608.M					
2112242-003A			17	1.000	15 Dec 2021	06:23	pm
63)	121563.D	8081_8082A_608.M					
2112242-004A			18	1.000	15 Dec 2021	06:33	pm
64)	121564.D	8081_8082A_608.M					
2112242-005A			19	1.000	15 Dec 2021	06:43	pm
65)	121565.D	8081_8082A_608.M					
2112242-006A			20	1.000	15 Dec 2021	06:53	pm
66)	121566.D	8081_8082A_608.M					
2112242-007A			21	1.000	15 Dec 2021	07:02	pm
67)	121567.D	8081_8082A_608.M					
2112242-008A			22	1.000	15 Dec 2021	07:12	pm
68)	121568.D	8081_8082A_608.M					
2112242-009A			23	1.000	15 Dec 2021	07:22	pm

69) 121569.D 2112242-023A	8081_8082A_608.M	24	1.000	15 Dec 2021	07:31 pm
70) 121570.D 2112242-024A	8081_8082A_608.M	25	1.000	15 Dec 2021	07:41 pm
71) 121571.D 2112242-025A	8081_8082A_608.M	26	1.000	15 Dec 2021	07:51 pm
72) 121572.D 2112242-026A	8081_8082A_608.M	27	1.000	15 Dec 2021	08:01 pm
73) 121573.D 2112242-027A	8081_8082A_608.M	28	1.000	15 Dec 2021	08:10 pm
74) 121574.D 2112242-034A	8081_8082A_608.M	29	1.000	15 Dec 2021	08:20 pm
75) 121575.D 2112242-035A	8081_8082A_608.M	30	1.000	15 Dec 2021	08:30 pm
76) 121576.D 2112242-036A	8081_8082A_608.M	31	1.000	15 Dec 2021	08:40 pm
77) 121577.D 2112242-037A	8081_8082A_608.M	32	1.000	15 Dec 2021	08:49 pm
78) 121578.D 2112242-038A	8081_8082A_608.M	33	1.000	15 Dec 2021	08:59 pm
79) 121579.D 2112242-048A	8081_8082A_608.M	34	1.000	15 Dec 2021	09:09 pm
80) 121580.D co	8081_8082A_608.M	6	1.000	15 Dec 2021	09:18 pm
81) 121581.D 1660-CCV-	8081_8082A_608.M	6	1.000	15 Dec 2021	09:28 pm
82) 121582.D 1254-CCV-	8081_8082A_608.M	7	1.000	15 Dec 2021	09:38 pm
83) 121601.D CO	8081_8082A_608.M	6	1.000	16 Dec 2021	08:17 am
84) 121602.D CO	8081_8082A_608.M	7	1.000	16 Dec 2021	08:27 am
85) 121603.D 1660-CCV-	8081_8082A_608.M	6	1.000	16 Dec 2021	08:36 am
86) 121604.D 1254-CCV-	8081_8082A_608.M	7	1.000	16 Dec 2021	08:46 am
87) 121605.D 2112107-033A	8081_8082A_608.M	57	1.000	16 Dec 2021	08:57 am
88) 121606.D 1660-CCV-	8081_8082A_608.M	6	1.000	16 Dec 2021	09:06 am
89) 121607.D 1254-CCV-	8081_8082A_608.M	7	1.000	16 Dec 2021	09:16 am
90) 121608.D MB-34736	8081_8082A_608.M	91	1.000	16 Dec 2021	09:29 am
91) 121609.D LCS1-34736	8081_8082A_608.M	92	1.000	16 Dec 2021	09:39 am

92) 121610.D LCS1D-34736	8081_8082A_608.M	93	1.000	16 Dec 2021	09:49 am
93) 121611.D LCS2-34736	8081_8082A_608.M	94	1.000	16 Dec 2021	09:59 am
94) 121612.D 2112206-001A	8081_8082A_608.M	95	1.000	16 Dec 2021	10:08 am
95) 121613.D CO	8081_8082A_608.M	7	1.000	16 Dec 2021	10:18 am
96) 121614.D 1660-CCV-	8081_8082A_608.M	6	1.000	16 Dec 2021	10:28 am
97) 121615.D 1254-CCV-	8081_8082A_608.M	7	1.000	16 Dec 2021	10:38 am
98) 121616.D CO	8081_8082A_608.M	7	1.000	16 Dec 2021	11:57 am
99) 121617.D 1660-CCV-	8081_8082A_608.M	6	1.000	16 Dec 2021	12:06 pm
100) 121618.D 1660-CCV-	8081_8082A_608.M	6	1.000	16 Dec 2021	12:16 pm
101) 121619.D 1254-CCV-	8081_8082A_608.M	7	1.000	16 Dec 2021	12:26 pm
102) 121620.D MB-34765	8081_8082A_608.M	131	1.000	16 Dec 2021	12:36 pm
103) 121621.D LCS1-34765	8081_8082A_608.M	132	1.000	16 Dec 2021	12:45 pm
104) 121622.D LCS2-34765	8081_8082A_608.M	133	1.000	16 Dec 2021	12:55 pm
105) 121623.D 2112207-001A	8081_8082A_608.M	134	1.000	16 Dec 2021	01:05 pm
106) 121624.D 2112207-002A	8081_8082A_608.M	135	1.000	16 Dec 2021	01:15 pm
107) 121625.D 2112207-003A	8081_8082A_608.M	136	1.000	16 Dec 2021	01:25 pm
108) 121626.D 2112242-054A	8081_8082A_608.M	137	1.000	16 Dec 2021	01:34 pm
109) 121627.D 2112242-055A	8081_8082A_608.M	138	1.000	16 Dec 2021	01:44 pm
110) 121628.D 2112242-064A	8081_8082A_608.M	139	1.000	16 Dec 2021	01:54 pm
111) 121629.D 2112242-065A	8081_8082A_608.M	140	1.000	16 Dec 2021	02:04 pm
112) 121630.D 2112242-076A	8081_8082A_608.M	141	1.000	16 Dec 2021	02:13 pm
113) 121631.D 2112242-077A	8081_8082A_608.M	142	1.000	16 Dec 2021	02:23 pm
114) 121632.D 2112242-077AMS	8081_8082A_608.M	143	1.000	16 Dec 2021	02:33 pm
115) 121633.D	8081_8082A_608.M				

2112242-077AMSD		144	1.000	16 Dec 2021	02:43	pm
116) 121634.D	8081_8082A_608.M					
1660-CCV-		6	1.000	16 Dec 2021	02:52	pm
117) 121635.D	8081_8082A_608.M					
1254-CCV-		7	1.000	16 Dec 2021	03:02	pm
118) 121636.D	8081_8082A_608.M					
2112242-001A		15	1.000	16 Dec 2021	03:33	pm
119) 121637.D	8081_8082A_608.M					
2112242-005A		19	1.000	16 Dec 2021	03:43	pm
120) 121638.D	8081_8082A_608.M					
2112242-006A		20	1.000	16 Dec 2021	03:52	pm
121) 121639.D	8081_8082A_608.M					
2112242-007A		21	1.000	16 Dec 2021	04:02	pm
122) 121640.D	8081_8082A_608.M					
2112242-009A		23	1.000	16 Dec 2021	04:12	pm
123) 121641.D	8081_8082A_608.M					
2112242-023A		24	1.000	16 Dec 2021	04:22	pm
124) 121642.D	8081_8082A_608.M					
2112242-024A		25	1.000	16 Dec 2021	04:31	pm
125) 121643.D	8081_8082A_608.M					
2112242-026A		27	1.000	16 Dec 2021	04:41	pm
126) 121644.D	8081_8082A_608.M					
2112242-027A		28	1.000	16 Dec 2021	04:51	pm
127) 121645.D	8081_8082A_608.M					
2112242-034A		29	1.000	16 Dec 2021	05:01	pm
128) 121646.D	8081_8082A_608.M					
2112242-035A		30	1.000	16 Dec 2021	05:10	pm
129) 121647.D	8081_8082A_608.M					
2112242-036A		31	1.000	16 Dec 2021	05:20	pm
130) 121648.D	8081_8082A_608.M					
2112242-037A		32	1.000	16 Dec 2021	05:30	pm
131) 121649.D	8081_8082A_608.M					
2112242-038A		33	1.000	16 Dec 2021	05:39	pm
132) 121650.D	8081_8082A_608.M					
2112242-048A		34	1.000	16 Dec 2021	05:49	pm
133) 121651.D	8081_8082A_608.M					
2112242-034A 10x		35	1.000	16 Dec 2021	05:59	pm
134) 121652.D	8081_8082A_608.M					
2112242-035A 10x		36	1.000	16 Dec 2021	06:09	pm
135) 121653.D	8081_8082A_608.M					
1660-CCV-		6	1.000	16 Dec 2021	06:18	pm
136) 121654.D	8081_8082A_608.M					
1254-CCV-		7	1.000	16 Dec 2021	06:28	pm
137) 121655.D	8081_8082A_608.M					
MB-34788		41	1.000	16 Dec 2021	06:38	pm
138) 121656.D	8081_8082A_608.M					
LCS1-34788		42	1.000	16 Dec 2021	06:48	pm

139) 121657.D LCS2-34788	8081_8082A_608.M	43	1.000	16 Dec 2021	06:57 pm
140) 121658.D 2112277-001A	8081_8082A_608.M	44	1.000	16 Dec 2021	07:07 pm
141) 121659.D 2112277-001AMS	8081_8082A_608.M	45	1.000	16 Dec 2021	07:17 pm
142) 121660.D 2112277-001AMSD	8081_8082A_608.M	46	1.000	16 Dec 2021	07:27 pm
143) 121661.D 2112277-002A	8081_8082A_608.M	47	1.000	16 Dec 2021	07:36 pm
144) 121662.D 2112277-013A	8081_8082A_608.M	48	1.000	16 Dec 2021	07:46 pm
145) 121663.D 2112277-014A	8081_8082A_608.M	49	1.000	16 Dec 2021	07:56 pm
146) 121664.D 2112277-015A	8081_8082A_608.M	50	1.000	16 Dec 2021	08:05 pm
147) 121665.D 2112277-016A	8081_8082A_608.M	51	1.000	16 Dec 2021	08:15 pm
148) 121666.D 1660-CCV-	8081_8082A_608.M	6	1.000	16 Dec 2021	08:25 pm
149) 121667.D 1254-CCV-	8081_8082A_608.M	7	1.000	16 Dec 2021	08:35 pm

Data Directory: D:\GC-16\Data\2021\121621\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 121639.D No data found	8081_8082A_608.M		0.000	N/A
2) 121601.D CO	8081_8082A_608.M	6	1.000	16 Dec 2021 08:17 am
3) 121602.D CO	8081_8082A_608.M	7	1.000	16 Dec 2021 08:27 am
4) 121603.D 1660-CCV-	8081_8082A_608.M	6	1.000	16 Dec 2021 08:36 am
5) 121604.D 1254-CCV-	8081_8082A_608.M	7	1.000	16 Dec 2021 08:46 am
6) 121605.D 2112107-033A	8081_8082A_608.M	57	1.000	16 Dec 2021 08:57 am
7) 121606.D 1660-CCV-	8081_8082A_608.M	6	1.000	16 Dec 2021 09:06 am
8) 121607.D 1254-CCV-	8081_8082A_608.M	7	1.000	16 Dec 2021 09:16 am
9) 121608.D MB-34736	8081_8082A_608.M	91	1.000	16 Dec 2021 09:29 am
10) 121609.D LCS1-34736	8081_8082A_608.M	92	1.000	16 Dec 2021 09:39 am
11) 121610.D LCS1D-34736	8081_8082A_608.M	93	1.000	16 Dec 2021 09:49 am
12) 121611.D LCS2-34736	8081_8082A_608.M	94	1.000	16 Dec 2021 09:59 am
13) 121612.D 2112206-001A	8081_8082A_608.M	95	1.000	16 Dec 2021 10:08 am
14) 121613.D CO	8081_8082A_608.M	7	1.000	16 Dec 2021 10:18 am
15) 121614.D 1660-CCV-	8081_8082A_608.M	6	1.000	16 Dec 2021 10:28 am
16) 121615.D 1254-CCV-	8081_8082A_608.M	7	1.000	16 Dec 2021 10:38 am
17) 121616.D CO	8081_8082A_608.M	7	1.000	16 Dec 2021 11:57 am
18) 121617.D 1660-CCV-	8081_8082A_608.M	6	1.000	16 Dec 2021 12:06 pm
19) 121618.D 1660-CCV-	8081_8082A_608.M	6	1.000	16 Dec 2021 12:16 pm
20) 121619.D 1254-CCV-	8081_8082A_608.M	7	1.000	16 Dec 2021 12:26 pm
21) 121620.D MB-34765	8081_8082A_608.M	131	1.000	16 Dec 2021 12:36 pm

22)	121621.D	8081_8082A_608.M	132	1.000	16 Dec 2021	12:45	pm

	23) 121622.D	8081_8082A_608.M	133	1.000	16 Dec 2021	12:55	pm

	24) 121623.D	8081_8082A_608.M	134	1.000	16 Dec 2021	01:05	pm

	25) 121624.D	8081_8082A_608.M	135	1.000	16 Dec 2021	01:15	pm

	26) 121625.D	8081_8082A_608.M	136	1.000	16 Dec 2021	01:25	pm

	27) 121626.D	8081_8082A_608.M	137	1.000	16 Dec 2021	01:34	pm

	28) 121627.D	8081_8082A_608.M	138	1.000	16 Dec 2021	01:44	pm

	29) 121628.D	8081_8082A_608.M	139	1.000	16 Dec 2021	01:54	pm

	30) 121629.D	8081_8082A_608.M	140	1.000	16 Dec 2021	02:04	pm

	31) 121630.D	8081_8082A_608.M	141	1.000	16 Dec 2021	02:13	pm

	32) 121631.D	8081_8082A_608.M	142	1.000	16 Dec 2021	02:23	pm

	33) 121632.D	8081_8082A_608.M	143	1.000	16 Dec 2021	02:33	pm

	34) 121633.D	8081_8082A_608.M	144	1.000	16 Dec 2021	02:43	pm

	35) 121634.D	8081_8082A_608.M	6	1.000	16 Dec 2021	02:52	pm

	36) 121635.D	8081_8082A_608.M	7	1.000	16 Dec 2021	03:02	pm

	37) 121636.D	8081_8082A_608.M	15	1.000	16 Dec 2021	03:33	pm

	38) 121637.D	8081_8082A_608.M	19	1.000	16 Dec 2021	03:43	pm

	39) 121638.D	8081_8082A_608.M	20	1.000	16 Dec 2021	03:52	pm

Data Directory: D:\GC-16\Data\2021\121721\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 121701.D CO	8081_8082A_608.M	6	1.000	17 Dec 2021 08:37 am
2) 121702.D CO	8081_8082A_608.M	7	1.000	17 Dec 2021 08:47 am
3) 121703.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021 08:56 am
4) 121704.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021 09:06 am
5) 121705.D CO	8081_8082A_608.M	6	1.000	17 Dec 2021 10:17 am
6) 121706.D CO	8081_8082A_608.M	6	1.000	17 Dec 2021 10:27 am
7) 121707.D CO	8081_8082A_608.M	7	1.000	17 Dec 2021 10:37 am
8) 121708.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021 10:47 am
9) 121709.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021 10:56 am
10) 121710.D MB-34786	8081_8082A_608.M	11	1.000	17 Dec 2021 11:23 am
11) 121711.D LCS1-34786	8081_8082A_608.M	12	1.000	17 Dec 2021 11:33 am
12) 121712.D LCS2-34786	8081_8082A_608.M	13	1.000	17 Dec 2021 11:43 am
13) 121713.D LCS-LL-34786	8081_8082A_608.M	14	1.000	17 Dec 2021 11:52 am
14) 121714.D LCS1D-34786	8081_8082A_608.M	15	1.000	17 Dec 2021 12:02 pm
15) 121715.D 2112262-001A	8081_8082A_608.M	16	1.000	17 Dec 2021 12:12 pm
16) 121716.D 2112262-001AMS	8081_8082A_608.M	17	1.000	17 Dec 2021 12:22 pm
17) 121717.D 2112262-002A	8081_8082A_608.M	18	1.000	17 Dec 2021 12:31 pm
18) 121718.D 2112262-003A	8081_8082A_608.M	19	1.000	17 Dec 2021 12:41 pm
19) 121719.D 2112268-001D	8081_8082A_608.M	20	1.000	17 Dec 2021 12:51 pm
20) 121720.D 2112219-001A	8081_8082A_608.M	21	1.000	17 Dec 2021 01:00 pm
21) 121721.D CO	8081_8082A_608.M	7	1.000	17 Dec 2021 01:10 pm

22) 121722.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021	01:20 pm
23) 121723.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021	01:30 pm
24) 121724.D MB-34788	8081_8082A_608.M	41	1.000	17 Dec 2021	01:55 pm
25) 121725.D LCS1-34788	8081_8082A_608.M	42	1.000	17 Dec 2021	02:05 pm
26) 121726.D LCS2-34788	8081_8082A_608.M	43	1.000	17 Dec 2021	02:15 pm
27) 121727.D 2112277-001A	8081_8082A_608.M	44	1.000	17 Dec 2021	02:24 pm
28) 121728.D 2112277-001AMS	8081_8082A_608.M	45	1.000	17 Dec 2021	02:34 pm
29) 121729.D 2112277-001AMSD	8081_8082A_608.M	46	1.000	17 Dec 2021	02:44 pm
30) 121730.D 2112277-002A	8081_8082A_608.M	47	1.000	17 Dec 2021	02:54 pm
31) 121731.D 2112277-013A	8081_8082A_608.M	48	1.000	17 Dec 2021	03:03 pm
32) 121732.D 2112277-014A	8081_8082A_608.M	49	1.000	17 Dec 2021	03:13 pm
33) 121733.D 2112277-015A	8081_8082A_608.M	50	1.000	17 Dec 2021	03:23 pm
34) 121734.D 2112277-016A	8081_8082A_608.M	51	1.000	17 Dec 2021	03:33 pm
35) 121735.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021	03:42 pm
36) 121736.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021	03:52 pm
37) 121737.D CO	8081_8082A_608.M	7	1.000	17 Dec 2021	04:06 pm
38) 121738.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021	04:15 pm
39) 121739.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021	04:25 pm
40) 121740.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021	04:35 pm
41) 121741.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021	04:44 pm
42) 121742.D 2112242-004A	8081_8082A_608.M	31	1.000	17 Dec 2021	04:54 pm
43) 121743.D 2112242-008A	8081_8082A_608.M	32	1.000	17 Dec 2021	05:04 pm
44) 121744.D 2112242-025A	8081_8082A_608.M	33	1.000	17 Dec 2021	05:14 pm
45) 121745.D	8081_8082A_608.M				

1660-CCV-		6	1.000	17 Dec 2021	05:23 pm
46) 121746.D	8081_8082A_608.M				
1254-CCV-		7	1.000	17 Dec 2021	05:33 pm
47) 121747.D	8081_8082A_608.M				
MB-34802		11	1.000	17 Dec 2021	05:43 pm
48) 121748.D	8081_8082A_608.M				
LCS1-34802		12	1.000	17 Dec 2021	05:52 pm
49) 121749.D	8081_8082A_608.M				
LCS2-34802		13	1.000	17 Dec 2021	06:02 pm
50) 121750.D	8081_8082A_608.M				
2112206-001A		14	1.000	17 Dec 2021	06:12 pm
51) 121751.D	8081_8082A_608.M				
2112206-001AMS		15	1.000	17 Dec 2021	06:22 pm
52) 121752.D	8081_8082A_608.M				
2112206-001AMSD		16	1.000	17 Dec 2021	06:31 pm
53) 121753.D	8081_8082A_608.M				
1660-CCV-		6	1.000	17 Dec 2021	06:41 pm
54) 121754.D	8081_8082A_608.M				
1254-CCV-		7	1.000	17 Dec 2021	06:51 pm

Data Directory: D:\GC-16\Data\2021\122121\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 122101.D CO	8081_8082A_608.M	6	1.000	21 Dec 2021 09:43 am
2) 122102.D CO	8081_8082A_608.M	7	1.000	21 Dec 2021 09:53 am
3) 122103.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021 10:03 am
4) 122104.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Dec 2021 10:13 am
5) 122105.D CO	8081_8082A_608.M	6	1.000	21 Dec 2021 11:54 am
6) 122106.D CO	8081_8082A_608.M	7	1.000	21 Dec 2021 12:03 pm
7) 122107.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021 12:13 pm
8) 122108.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Dec 2021 12:23 pm
9) 122109.D MB-34820	8081_8082A_608.M	11	1.000	21 Dec 2021 12:33 pm
10) 122110.D LCS1-34820	8081_8082A_608.M	12	1.000	21 Dec 2021 12:42 pm
11) 122111.D LCS1D-34820	8081_8082A_608.M	13	1.000	21 Dec 2021 12:52 pm
12) 122112.D LCS2-34820	8081_8082A_608.M	14	1.000	21 Dec 2021 01:02 pm
13) 122113.D LCS-LL-34820	8081_8082A_608.M	15	1.000	21 Dec 2021 01:12 pm
14) 122114.D 2112340-001A	8081_8082A_608.M	16	1.000	21 Dec 2021 01:21 pm
15) 122115.D 2112340-001AMS	8081_8082A_608.M	17	1.000	21 Dec 2021 01:31 pm
16) 122116.D 2112283-001D	8081_8082A_608.M	18	1.000	21 Dec 2021 01:41 pm
17) 122117.D 2112334-006A	8081_8082A_608.M	19	1.000	21 Dec 2021 01:50 pm
18) 122118.D CO	8081_8082A_608.M	7	1.000	21 Dec 2021 02:00 pm
19) 122119.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021 02:10 pm
20) 122120.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Dec 2021 02:20 pm
21) 122121.D MB-34814	8081_8082A_608.M	21	1.000	21 Dec 2021 02:44 pm

22) 122122.D LCS1-34814	8081_8082A_608.M	22	1.000	21 Dec 2021	02:53 pm
23) 122123.D LCS2-34814	8081_8082A_608.M	23	1.000	21 Dec 2021	03:03 pm
24) 122124.D 2112277-013A	8081_8082A_608.M	40	1.000	21 Dec 2021	03:18 pm
25) 122125.D 2112277-013AMS	8081_8082A_608.M	41	1.000	21 Dec 2021	03:28 pm
26) 122126.D 2112277-013AMSD	8081_8082A_608.M	42	1.000	21 Dec 2021	03:38 pm
27) 122127.D 2112242-011A	8081_8082A_608.M	24	1.000	21 Dec 2021	03:48 pm
28) 122128.D 2112242-028A	8081_8082A_608.M	25	1.000	21 Dec 2021	03:57 pm
29) 122129.D 2112242-040A	8081_8082A_608.M	26	1.000	21 Dec 2021	04:07 pm
30) 122130.D 2112242-049A	8081_8082A_608.M	27	1.000	21 Dec 2021	04:17 pm
31) 122131.D 2112242-057A	8081_8082A_608.M	28	1.000	21 Dec 2021	04:26 pm
32) 122132.D 2112242-066A	8081_8082A_608.M	29	1.000	21 Dec 2021	04:36 pm
33) 122133.D 2112242-078A	8081_8082A_608.M	30	1.000	21 Dec 2021	04:46 pm
34) 122134.D 2112277-034A	8081_8082A_608.M	31	1.000	21 Dec 2021	04:56 pm
35) 122135.D 2112277-035A	8081_8082A_608.M	32	1.000	21 Dec 2021	05:05 pm
36) 122136.D 2112277-036A	8081_8082A_608.M	33	1.000	21 Dec 2021	05:15 pm
37) 122137.D 2112277-037A	8081_8082A_608.M	34	1.000	21 Dec 2021	05:25 pm
38) 122138.D 2112277-038A	8081_8082A_608.M	35	1.000	21 Dec 2021	05:34 pm
39) 122139.D 2112277-039A	8081_8082A_608.M	36	1.000	21 Dec 2021	05:44 pm
40) 122140.D 2112277-040A	8081_8082A_608.M	37	1.000	21 Dec 2021	05:54 pm
41) 122141.D 2112277-043A	8081_8082A_608.M	38	1.000	21 Dec 2021	06:04 pm
42) 122142.D 2112277-044A	8081_8082A_608.M	39	1.000	21 Dec 2021	06:13 pm
43) 122143.D CO	8081_8082A_608.M	5	1.000	21 Dec 2021	06:23 pm
44) 122144.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021	06:33 pm
45) 122145.D	8081_8082A_608.M				

1254-CCV-		7	1.000	21 Dec 2021	06:43 pm
46) 122146.D	8081_8082A_608.M				
MB-34832		51	1.000	21 Dec 2021	06:52 pm
47) 122147.D	8081_8082A_608.M				
LCS1-34832		52	1.000	21 Dec 2021	07:02 pm
48) 122148.D	8081_8082A_608.M				
LCS2-34832		53	1.000	21 Dec 2021	07:12 pm
49) 122149.D	8081_8082A_608.M				
2112242-084A		54	1.000	21 Dec 2021	07:22 pm
50) 122150.D	8081_8082A_608.M				
2112242-084AMS		55	1.000	21 Dec 2021	07:31 pm
51) 122151.D	8081_8082A_608.M				
2112242-084AMSD		56	1.000	21 Dec 2021	07:41 pm
52) 122152.D	8081_8082A_608.M				
2112242-085A		57	1.000	21 Dec 2021	07:51 pm
53) 122153.D	8081_8082A_608.M				
2112277-051A		58	1.000	21 Dec 2021	08:00 pm
54) 122154.D	8081_8082A_608.M				
2112277-053A		59	1.000	21 Dec 2021	08:10 pm
55) 122155.D	8081_8082A_608.M				
2112277-070A		60	1.000	21 Dec 2021	08:20 pm
56) 122156.D	8081_8082A_608.M				
2112321-032A		61	1.000	21 Dec 2021	08:30 pm
57) 122157.D	8081_8082A_608.M				
2112321-033A		62	1.000	21 Dec 2021	08:39 pm
58) 122158.D	8081_8082A_608.M				
CO		5	1.000	21 Dec 2021	08:49 pm
59) 122159.D	8081_8082A_608.M				
1660-CCV-		6	1.000	21 Dec 2021	08:59 pm
60) 122160.D	8081_8082A_608.M				
1254-CCV-		7	1.000	21 Dec 2021	09:09 pm

Data Directory: D:\GC-16\Data\2021\122421\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 122401.D CO	8081_8082A_608.M	6	1.000	24 Dec 2021 09:34 am
2) 122402.D 1660-CCV-34857A	8081_8082A_608.M	6	1.000	24 Dec 2021 09:44 am
3) 122403.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	24 Dec 2021 09:53 am
4) 122404.D MB-34857	8081_8082A_608.M	63	1.000	24 Dec 2021 10:03 am
5) 122405.D LCS1-34857	8081_8082A_608.M	64	1.000	24 Dec 2021 10:13 am
6) 122406.D LCS2-348573	8081_8082A_608.M	65	1.000	24 Dec 2021 10:23 am
7) 122407.D 2112242-012A	8081_8082A_608.M	66	1.000	24 Dec 2021 10:32 am
8) 122408.D 2112242-029A	8081_8082A_608.M	67	1.000	24 Dec 2021 10:42 am
9) 122409.D 2112242-041A	8081_8082A_608.M	68	1.000	24 Dec 2021 10:52 am
10) 122410.D 2112242-050A	8081_8082A_608.M	69	1.000	24 Dec 2021 11:01 am
11) 122411.D 2112242-058A	8081_8082A_608.M	70	1.000	24 Dec 2021 11:11 am
12) 122412.D 2112242-068A	8081_8082A_608.M	71	1.000	24 Dec 2021 11:21 am
13) 122413.D 2112277-024A	8081_8082A_608.M	72	1.000	24 Dec 2021 11:31 am
14) 122414.D 2112277-025A	8081_8082A_608.M	73	1.000	24 Dec 2021 11:40 am
15) 122415.D 2112277-026A	8081_8082A_608.M	74	1.000	24 Dec 2021 11:50 am
16) 122416.D 2112277-045A	8081_8082A_608.M	75	1.000	24 Dec 2021 12:00 pm
17) 122417.D 2112277-061A	8081_8082A_608.M	76	1.000	24 Dec 2021 12:10 pm
18) 122418.D 2112277-063A	8081_8082A_608.M	77	1.000	24 Dec 2021 12:19 pm
19) 122419.D 2112277-063AMS	8081_8082A_608.M	78	1.000	24 Dec 2021 12:29 pm
20) 122420.D 2112277-063AMSD	8081_8082A_608.M	79	1.000	24 Dec 2021 12:39 pm
21) 122421.D 1660-CCV-34857A	8081_8082A_608.M	6	1.000	24 Dec 2021 12:48 pm

Data Directory: D:\GC-16\Data\2021\122821\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 122841.D No data found	8081_8082A_608.M		0.000	N/A
2) 122801.D CO	8081_8082A_608.M	6	1.000	28 Dec 2021 08:32 am
3) 122802.D 1660-CCV-	8081_8082A_608.M	6	1.000	28 Dec 2021 08:42 am
4) 122803.D 1254-CCV-	8081_8082A_608.M	7	1.000	28 Dec 2021 08:52 am
5) 122804.D 2112242-029A	8081_8082A_608.M	67	1.000	28 Dec 2021 09:04 am
6) 122805.D 2112242-041A	8081_8082A_608.M	68	1.000	28 Dec 2021 09:13 am
7) 122806.D 2112242-050A	8081_8082A_608.M	69	1.000	28 Dec 2021 09:24 am
8) 122807.D 2112242-058A	8081_8082A_608.M	70	1.000	28 Dec 2021 09:35 am
9) 122808.D 2112242-050A	8081_8082A_608.M	69	1.000	28 Dec 2021 09:45 am
10) 122809.D 2112242-068A	8081_8082A_608.M	71	1.000	28 Dec 2021 09:54 am
11) 122810.D 2112242-041A	8081_8082A_608.M	68	1.000	28 Dec 2021 10:04 am
12) 122811.D 2112277-024A	8081_8082A_608.M	72	1.000	28 Dec 2021 10:14 am
13) 122812.D 2112277-025A	8081_8082A_608.M	73	1.000	28 Dec 2021 10:24 am
14) 122813.D 2112277-045A	8081_8082A_608.M	75	1.000	28 Dec 2021 10:33 am
15) 122814.D 2112277-045A 10x	8081_8082A_608.M	80	1.000	28 Dec 2021 10:43 am
16) 122815.D 2112277-061A	8081_8082A_608.M	76	1.000	28 Dec 2021 10:53 am
17) 122816.D 2112277-063A	8081_8082A_608.M	77	1.000	28 Dec 2021 11:02 am
18) 122817.D 1660-CCV-34857A	8081_8082A_608.M	6	1.000	28 Dec 2021 11:12 am
19) 122818.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	28 Dec 2021 11:22 am
20) 122819.D CO	8081_8082A_608.M	6	1.000	28 Dec 2021 11:39 am
21) 122820.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	28 Dec 2021 11:48 am

22) 122821.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	28 Dec 2021	11:58 am
23) 122822.D 1660-CCV-	8081_8082A_608.M	6	1.000	28 Dec 2021	12:19 pm
24) 122823.D 2112242-012A	8081_8082A_608.M	66	1.000	28 Dec 2021	12:29 pm
25) 122824.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	28 Dec 2021	12:38 pm
26) 122825.D MB-34820	8081_8082A_608.M	81	1.000	28 Dec 2021	12:48 pm
27) 122826.D LCS1-34820	8081_8082A_608.M	82	1.000	28 Dec 2021	12:58 pm
28) 122827.D LCS1D-34820	8081_8082A_608.M	83	1.000	28 Dec 2021	01:08 pm
29) 122828.D LCS2-34820	8081_8082A_608.M	84	1.000	28 Dec 2021	01:17 pm
30) 122829.D 2112334-006A	8081_8082A_608.M	85	1.000	28 Dec 2021	01:27 pm
31) 122830.D MB-34845	8081_8082A_608.M	11	1.000	28 Dec 2021	01:37 pm
32) 122831.D LCS1-34845	8081_8082A_608.M	12	1.000	28 Dec 2021	01:47 pm
33) 122832.D LCS1D-34845	8081_8082A_608.M	13	1.000	28 Dec 2021	01:56 pm
34) 122833.D LCS2-34845	8081_8082A_608.M	14	1.000	28 Dec 2021	02:06 pm
35) 122834.D LCS1-LL-34845	8081_8082A_608.M	15	1.000	28 Dec 2021	02:16 pm
36) 122835.D 2112365-001D	8081_8082A_608.M	16	1.000	28 Dec 2021	02:26 pm
37) 122836.D 2112365-001DMS	8081_8082A_608.M	17	1.000	28 Dec 2021	02:35 pm
38) 122837.D 2112341-001D	8081_8082A_608.M	19	1.000	28 Dec 2021	02:45 pm
39) 122838.D 1660-CCV-34845B	8081_8082A_608.M	6	1.000	28 Dec 2021	02:55 pm
40) 122839.D 1254-CCV-34845B	8081_8082A_608.M	7	1.000	28 Dec 2021	03:05 pm
41) 122840.D MB-34872	8081_8082A_608.M	21	1.000	28 Dec 2021	03:16 pm
42) 122842.D LCS2-34872	8081_8082A_608.M	22	1.000	28 Dec 2021	05:02 pm
43) 122843.D 2112405-001A	8081_8082A_608.M	23	1.000	28 Dec 2021	05:11 pm
44) 122844.D 2112405-002A	8081_8082A_608.M	24	1.000	28 Dec 2021	05:21 pm
45) 122845.D	8081_8082A_608.M				

LCS-LL-34872		25	1.000	28 Dec 2021	05:31	pm
46) 122846.D	8081_8082A_608.M					
LCS1-34872		26	1.000	28 Dec 2021	05:41	pm
47) 122847.D	8081_8082A_608.M					
LCSD-34872		27	1.000	28 Dec 2021	05:51	pm
48) 122848.D	8081_8082A_608.M					
2112372-001D		18	1.000	28 Dec 2021	06:00	pm
49) 122849.D	8081_8082A_608.M					
1660-CCV-34857A		4	1.000	28 Dec 2021	06:10	pm
50) 122850.D	8081_8082A_608.M					
1254-CCV-34857A		5	1.000	28 Dec 2021	06:20	pm
51) 122851.D	8081_8082A_608.M					
MB-34883		31	1.000	28 Dec 2021	06:30	pm
52) 122852.D	8081_8082A_608.M					
LCS1-34883		32	1.000	28 Dec 2021	06:39	pm
53) 122853.D	8081_8082A_608.M					
2112242-013A		33	1.000	28 Dec 2021	06:49	pm
54) 122854.D	8081_8082A_608.M					
2112242-030A		34	1.000	28 Dec 2021	06:59	pm
55) 122855.D	8081_8082A_608.M					
2112242-042A		35	1.000	28 Dec 2021	07:09	pm
56) 122856.D	8081_8082A_608.M					
2112242-051A		36	1.000	28 Dec 2021	07:18	pm
57) 122857.D	8081_8082A_608.M					
2112242-059A		37	1.000	28 Dec 2021	07:28	pm
58) 122858.D	8081_8082A_608.M					
2112242-069A		38	1.000	28 Dec 2021	07:38	pm
59) 122859.D	8081_8082A_608.M					
2112242-069AMS		39	1.000	28 Dec 2021	07:48	pm
60) 122860.D	8081_8082A_608.M					
2112242-069AMSD		40	1.000	28 Dec 2021	07:57	pm
61) 122861.D	8081_8082A_608.M					
2112277-017A		41	1.000	28 Dec 2021	08:07	pm
62) 122862.D	8081_8082A_608.M					
2112277-018A		42	1.000	28 Dec 2021	08:17	pm
63) 122863.D	8081_8082A_608.M					
2112277-041A		43	1.000	28 Dec 2021	08:27	pm
64) 122864.D	8081_8082A_608.M					
2112277-042A		44	1.000	28 Dec 2021	08:37	pm
65) 122865.D	8081_8082A_608.M					
2112277-046A		45	1.000	28 Dec 2021	08:46	pm
66) 122866.D	8081_8082A_608.M					
2112277-052A		46	1.000	28 Dec 2021	08:56	pm
67) 122867.D	8081_8082A_608.M					
2112423-008A		47	1.000	28 Dec 2021	09:06	pm
68) 122868.D	8081_8082A_608.M					
2112423-013A		48	1.000	28 Dec 2021	09:16	pm

69) 122869.D	8081_8082A_608.M						
2112423-017A		49	1.000	28 Dec 2021	09:25	pm	

70) 122870.D	8081_8082A_608.M						
2112423-028A		50	1.000	28 Dec 2021	09:35	pm	

71) 122871.D	8081_8082A_608.M						
LCS2-34883		51	1.000	28 Dec 2021	09:45	pm	

72) 122872.D	8081_8082A_608.M						
1660-CCV-34857A		4	1.000	28 Dec 2021	09:55	pm	

73) 122873.D	8081_8082A_608.M						
1254-CCV-34857A		5	1.000	28 Dec 2021	10:05	pm	

Injection Log

Data Directory: D:\GC-16\Data\2021\122921\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 122901.D CO	8081_8082A_608.M	6	1.000	29 Dec 2021 09:06 am
2) 122902.D 1660-CCV-	8081_8082A_608.M	6	1.000	29 Dec 2021 09:16 am
3) 122903.D 1254-CCV-	8081_8082A_608.M	7	1.000	29 Dec 2021 09:26 am
4) 122904.D 1660-CCV-new	8081_8082A_608.M	6	1.000	29 Dec 2021 09:47 am
5) 122905.D 1254-CCV-new	8081_8082A_608.M	7	1.000	29 Dec 2021 09:57 am
6) 122906.D MB-34872	8081_8082A_608.M	21	1.000	29 Dec 2021 10:11 am
7) 122907.D LCS2-34872	8081_8082A_608.M	22	1.000	29 Dec 2021 10:21 am
8) 122908.D 2112405-001A	8081_8082A_608.M	23	1.000	29 Dec 2021 10:31 am
9) 122909.D 2112405-002A	8081_8082A_608.M	24	1.000	29 Dec 2021 10:40 am
10) 122910.D LCS-LL-34872	8081_8082A_608.M	25	1.000	29 Dec 2021 10:50 am
11) 122911.D LCS1-34872	8081_8082A_608.M	26	1.000	29 Dec 2021 11:00 am
12) 122912.D LCSD-34872	8081_8082A_608.M	27	1.000	29 Dec 2021 11:10 am
13) 122913.D 1660-CCV-34857A	8081_8082A_608.M	6	1.000	29 Dec 2021 11:19 am
14) 122914.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	29 Dec 2021 11:29 am
15) 122915.D 2112242-013A	8081_8082A_608.M	33	1.000	29 Dec 2021 12:13 pm
16) 122916.D 2112242-030A	8081_8082A_608.M	34	1.000	29 Dec 2021 12:22 pm
17) 122917.D 2112242-013A	8081_8082A_608.M	33	1.000	29 Dec 2021 12:32 pm
18) 122918.D 2112242-042A	8081_8082A_608.M	35	1.000	29 Dec 2021 12:42 pm
19) 122919.D 2112242-051A	8081_8082A_608.M	36	1.000	29 Dec 2021 12:52 pm
20) 122920.D 2112242-059A	8081_8082A_608.M	37	1.000	29 Dec 2021 01:01 pm
21) 122921.D	8081_8082A_608.M			

2112242-069A		38	1.000	29 Dec 2021	01:11 pm
22) 122922.D	8081_8082A_608.M				
2112277-017A		41	1.000	29 Dec 2021	01:21 pm
23) 122923.D	8081_8082A_608.M				
2112277-018A		42	1.000	29 Dec 2021	01:31 pm
24) 122924.D	8081_8082A_608.M				
2112277-041A		43	1.000	29 Dec 2021	01:41 pm
25) 122925.D	8081_8082A_608.M				
2112277-042A		44	1.000	29 Dec 2021	01:50 pm
26) 122926.D	8081_8082A_608.M				
2112277-046A		45	1.000	29 Dec 2021	02:00 pm
27) 122927.D	8081_8082A_608.M				
2112277-052A		46	1.000	29 Dec 2021	02:10 pm
28) 122928.D	8081_8082A_608.M				
2112277-052A 10x		52	1.000	29 Dec 2021	02:20 pm
29) 122929.D	8081_8082A_608.M				
2112423-013A		48	1.000	29 Dec 2021	02:30 pm
30) 122930.D	8081_8082A_608.M				
LCS2-34883		51	1.000	29 Dec 2021	02:39 pm
31) 122931.D	8081_8082A_608.M				
1660-CCV-34857A		6	1.000	29 Dec 2021	02:49 pm
32) 122932.D	8081_8082A_608.M				
1254-CCV-34857A		7	1.000	29 Dec 2021	02:59 pm

2112277-016A 10x
8/12/21

Data Directory: D:\GC-16\Data\2021\010422\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 010401.D CO	8081_8082A_608.M	6	1.000	04 Jan 2022 09:14 am
2) 010402.D co	8081_8082A_608.M	7	1.000	04 Jan 2022 09:23 am
3) 010403.D 1660-CCV-	8081_8082A_608.M	6	1.000	04 Jan 2022 09:33 am
4) 010404.D 1254-CCV-	8081_8082A_608.M	7	1.000	04 Jan 2022 09:43 am
5) 010405.D MB-34918	8081_8082A_608.M	61	1.000	04 Jan 2022 10:01 am
6) 010406.D LCS1-34918	8081_8082A_608.M	62	1.000	04 Jan 2022 10:11 am
7) 010407.D LCS2-34918	8081_8082A_608.M	63	1.000	04 Jan 2022 10:21 am
8) 010408.D 2112242-043A	8081_8082A_608.M	64	1.000	04 Jan 2022 10:30 am
9) 010409.D 2112242-043AMS	8081_8082A_608.M	65	1.000	04 Jan 2022 10:40 am
10) 010410.D 2112242-043AMSD	8081_8082A_608.M	66	1.000	04 Jan 2022 10:50 am
11) 010411.D 2112242-052A	8081_8082A_608.M	67	1.000	04 Jan 2022 11:00 am
12) 010412.D 2112242-060A	8081_8082A_608.M	68	1.000	04 Jan 2022 11:09 am
13) 010413.D 2112242-070A	8081_8082A_608.M	69	1.000	04 Jan 2022 11:19 am
14) 010414.D co	8081_8082A_608.M	7	1.000	04 Jan 2022 11:29 am
15) 010415.D 1660-CCV-	8081_8082A_608.M	6	1.000	04 Jan 2022 11:39 am
16) 010416.D 1254-CCV-	8081_8082A_608.M	7	1.000	04 Jan 2022 11:48 am

Data Directory: D:\GC-16\Data\2021\010522\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 010501.D CO	8081_8082A_608.M	6	1.000	05 Jan 2022 12:08 pm
2) 010502.D co	8081_8082A_608.M	7	1.000	05 Jan 2022 12:18 pm
3) 010503.D 1660-CCV-	8081_8082A_608.M	6	1.000	05 Jan 2022 12:28 pm
4) 010504.D 1254-CCV-	8081_8082A_608.M	7	1.000	05 Jan 2022 12:38 pm
5) 010505.D MB-34931	8081_8082A_608.M	71	1.000	05 Jan 2022 01:02 pm
6) 010506.D LCS1-34931	8081_8082A_608.M	72	1.000	05 Jan 2022 01:11 pm
7) 010507.D LCS2-34931	8081_8082A_608.M	73	1.000	05 Jan 2022 01:21 pm
8) 010508.D 2112277-055A	8081_8082A_608.M	74	1.000	05 Jan 2022 01:31 pm
9) 010509.D 2112301-003A	8081_8082A_608.M	75	1.000	05 Jan 2022 01:41 pm
10) 010510.D 2112301-003AMS	8081_8082A_608.M	76	1.000	05 Jan 2022 01:50 pm
11) 010511.D 2112301-003AMSD	8081_8082A_608.M	77	1.000	05 Jan 2022 02:00 pm
12) 010512.D 2112301-014A	8081_8082A_608.M	78	1.000	05 Jan 2022 02:10 pm
13) 010513.D 2112301-015A	8081_8082A_608.M	79	1.000	05 Jan 2022 02:20 pm
14) 010514.D 2112301-027A	8081_8082A_608.M	80	1.000	05 Jan 2022 02:30 pm
15) 010515.D 2112301-028A	8081_8082A_608.M	81	1.000	05 Jan 2022 02:39 pm
16) 010516.D 2112441-021A	8081_8082A_608.M	82	1.000	05 Jan 2022 02:49 pm
17) 010517.D 2112441-024A	8081_8082A_608.M	83	1.000	05 Jan 2022 02:59 pm
18) 010518.D 1660-CCV-	8081_8082A_608.M	4	1.000	05 Jan 2022 03:09 pm
19) 010519.D 1254-CCV-	8081_8082A_608.M	5	1.000	05 Jan 2022 03:19 pm
20) 010520.D 1254-CCV-	8081_8082A_608.M	7	1.000	05 Jan 2022 03:41 pm
21) 010521.D 1254-CCV-	8081_8082A_608.M	7	1.000	05 Jan 2022 03:51 pm

22) 010522.D 1660-CCV-	8081_8082A_608.M	6	1.000	05 Jan 2022	04:01 pm
23) 010523.D 2112301-027A 10X	8081_8082A_608.M	84	1.000	05 Jan 2022	04:10 pm
24) 010524.D MB-34947	8081_8082A_608.M	11	1.000	05 Jan 2022	04:20 pm
25) 010525.D LCS1-34947	8081_8082A_608.M	12	1.000	05 Jan 2022	04:30 pm
26) 010526.D LCS2-34947	8081_8082A_608.M	13	1.000	05 Jan 2022	04:40 pm
27) 010527.D 2112242-044A	8081_8082A_608.M	14	1.000	05 Jan 2022	04:50 pm
28) 010528.D 2112242-044AMS	8081_8082A_608.M	15	1.000	05 Jan 2022	04:59 pm
29) 010529.D 2112242-044AMSD	8081_8082A_608.M	16	1.000	05 Jan 2022	05:09 pm
30) 010530.D 2112242-053A	8081_8082A_608.M	17	1.000	05 Jan 2022	05:19 pm
31) 010531.D 2112242-061A	8081_8082A_608.M	18	1.000	05 Jan 2022	05:29 pm
32) 010532.D 2112242-071A	8081_8082A_608.M	19	1.000	05 Jan 2022	05:38 pm
33) 010533.D 2112301-029A	8081_8082A_608.M	20	1.000	05 Jan 2022	05:48 pm
34) 010534.D 2112301-030A	8081_8082A_608.M	21	1.000	05 Jan 2022	05:58 pm
35) 010535.D 2112301-052A	8081_8082A_608.M	22	1.000	05 Jan 2022	06:08 pm
36) 010536.D 2112301-053A	8081_8082A_608.M	23	1.000	05 Jan 2022	06:17 pm
37) 010537.D 2112301-057A	8081_8082A_608.M	24	1.000	05 Jan 2022	06:27 pm
38) 010538.D 1660-CCV-	8081_8082A_608.M	4	1.000	05 Jan 2022	06:37 pm
39) 010539.D 1254-CCV-	8081_8082A_608.M	5	1.000	05 Jan 2022	06:47 pm

Data Directory: D:\GC-16\Data\2022\011022\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 011001.D CO	8081_8082A_608.M	6	1.000	10 Jan 2022 08:53 am
2) 011002.D co	8081_8082A_608.M	7	1.000	10 Jan 2022 09:03 am
3) 011003.D 1660-CCV-	8081_8082A_608.M	6	1.000	10 Jan 2022 09:12 am
4) 011004.D 1254-CCV-	8081_8082A_608.M	7	1.000	10 Jan 2022 09:22 am
5) 011005.D MB-34975	8081_8082A_608.M	101	1.000	10 Jan 2022 01:09 pm
6) 011006.D LCS1-34975	8081_8082A_608.M	102	1.000	10 Jan 2022 01:18 pm
7) 011007.D LCS1D-34975	8081_8082A_608.M	103	1.000	10 Jan 2022 01:28 pm
8) 011008.D 2201084-001A	8081_8082A_608.M	107	1.000	10 Jan 2022 01:38 pm
9) 011009.D 2201072-001D	8081_8082A_608.M	104	1.000	10 Jan 2022 01:48 pm
10) 011010.D 2201082-001A	8081_8082A_608.M	105	1.000	10 Jan 2022 01:57 pm
11) 011011.D 2201082-002A	8081_8082A_608.M	106	1.000	10 Jan 2022 02:07 pm
12) 011012.D LCS-LL-34975	8081_8082A_608.M	108	1.000	10 Jan 2022 02:17 pm
13) 011013.D co	8081_8082A_608.M	7	1.000	10 Jan 2022 02:27 pm
14) 011014.D 1660-CCV-	8081_8082A_608.M	6	1.000	10 Jan 2022 02:37 pm
15) 011015.D 1254-CCV-	8081_8082A_608.M	7	1.000	10 Jan 2022 02:46 pm
16) 011016.D MB-34986	8081_8082A_608.M	111	1.000	10 Jan 2022 02:56 pm
17) 011017.D LCS1-34986	8081_8082A_608.M	112	1.000	10 Jan 2022 03:06 pm
18) 011018.D LCS2-34986	8081_8082A_608.M	113	1.000	10 Jan 2022 03:16 pm
19) 011019.D 2112242-045A	8081_8082A_608.M	114	1.000	10 Jan 2022 03:25 pm
20) 011020.D 2112242-045AMS	8081_8082A_608.M	115	1.000	10 Jan 2022 03:35 pm
21) 011021.D 2112242-045AMSD	8081_8082A_608.M	116	1.000	10 Jan 2022 03:45 pm

22) 011022.D	8081_8082A_608.M	117	1.000	10 Jan 2022	03:55 pm
2112242-062A					
23) 011023.D	8081_8082A_608.M	118	1.000	10 Jan 2022	04:05 pm
2112301-040A					
24) 011024.D	8081_8082A_608.M	119	1.000	10 Jan 2022	04:14 pm
2112301-043A					
25) 011025.D	8081_8082A_608.M	120	1.000	10 Jan 2022	04:24 pm
2112301-050A					
26) 011026.D	8081_8082A_608.M	121	1.000	10 Jan 2022	04:34 pm
2112301-005A					
27) 011027.D	8081_8082A_608.M	122	1.000	10 Jan 2022	04:44 pm
2112277-057A					
28) 011028.D	8081_8082A_608.M	7	1.000	10 Jan 2022	04:53 pm
co					
29) 011029.D	8081_8082A_608.M	6	1.000	10 Jan 2022	05:03 pm
1660-CCV-					
30) 011030.D	8081_8082A_608.M	7	1.000	10 Jan 2022	05:13 pm
1254-CCV-					

Data Directory: D:\GC-16\Data\2022\011322\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 011301.D CO	8081_8082A_608.M	6	1.000	13 Jan 2022 01:32 pm
2) 011302.D co	8081_8082A_608.M	7	1.000	13 Jan 2022 01:42 pm
3) 011303.D 1660-CCV-	8081_8082A_608.M	6	1.000	13 Jan 2022 01:52 pm
4) 011304.D 1254-CCV-	8081_8082A_608.M	7	1.000	13 Jan 2022 02:01 pm
5) 011305.D MB-35016	8081_8082A_608.M	11	1.000	13 Jan 2022 02:20 pm
6) 011306.D LCS1-35016	8081_8082A_608.M	12	1.000	13 Jan 2022 02:30 pm
7) 011307.D LCS2-35016	8081_8082A_608.M	13	1.000	13 Jan 2022 02:39 pm
8) 011308.D 2112242-046A	8081_8082A_608.M	14	1.000	13 Jan 2022 02:49 pm
9) 011309.D 2112242-063A	8081_8082A_608.M	15	1.000	13 Jan 2022 02:59 pm
10) 011310.D 2112242-063AMS	8081_8082A_608.M	16	1.000	13 Jan 2022 03:09 pm
11) 011311.D 2112242-063AMSD	8081_8082A_608.M	17	1.000	13 Jan 2022 03:18 pm
12) 011312.D 2112277-058A	8081_8082A_608.M	18	1.000	13 Jan 2022 03:28 pm
13) 011313.D co	8081_8082A_608.M	7	1.000	13 Jan 2022 03:38 pm
14) 011314.D 1660-CCV-	8081_8082A_608.M	6	1.000	13 Jan 2022 03:48 pm
15) 011315.D 1254-CCV-	8081_8082A_608.M	7	1.000	13 Jan 2022 03:58 pm
16) 011401.D CO	8081_8082A_608.M	6	1.000	14 Jan 2022 11:19 am
17) 011402.D co	8081_8082A_608.M	7	1.000	14 Jan 2022 11:29 am
18) 011403.D 1660-CCV-	8081_8082A_608.M	6	1.000	14 Jan 2022 11:39 am
19) 011404.D 1254-CCV-	8081_8082A_608.M	7	1.000	14 Jan 2022 11:48 am
20) 011405.D MB-35021	8081_8082A_608.M	21	1.000	14 Jan 2022 01:51 pm
21) 011406.D LCS1-35021	8081_8082A_608.M	22	1.000	14 Jan 2022 02:01 pm

22) 011407.D LCS1D-35021	8081_8082A_608.M	23	1.000	14 Jan 2022	02:10 pm
23) 011408.D LCS-LL-35021	8081_8082A_608.M	24	1.000	14 Jan 2022	02:20 pm
24) 011409.D 2201115-001D	8081_8082A_608.M	25	1.000	14 Jan 2022	02:30 pm
25) 011410.D 2201127-001C	8081_8082A_608.M	26	1.000	14 Jan 2022	02:40 pm
26) 011411.D 2201161-001B	8081_8082A_608.M	27	1.000	14 Jan 2022	02:49 pm
27) 011412.D 2201187-006D	8081_8082A_608.M	28	1.000	14 Jan 2022	02:59 pm
28) 011413.D 2201187-012D	8081_8082A_608.M	29	1.000	14 Jan 2022	03:09 pm
29) 011414.D 2201187-015D	8081_8082A_608.M	30	1.000	14 Jan 2022	03:19 pm
30) 011415.D 2201187-018D	8081_8082A_608.M	31	1.000	14 Jan 2022	03:28 pm
31) 011416.D 2201203-001D	8081_8082A_608.M	32	1.000	14 Jan 2022	03:38 pm
32) 011417.D 2201209-001A	8081_8082A_608.M	33	1.000	14 Jan 2022	03:48 pm
33) 011418.D 2112277-058A	8081_8082A_608.M	18	1.000	14 Jan 2022	03:58 pm
34) 011419.D co	8081_8082A_608.M	7	1.000	14 Jan 2022	04:08 pm
35) 011420.D 1660-CCV-	8081_8082A_608.M	6	1.000	14 Jan 2022	04:17 pm
36) 011421.D 1254-CCV-	8081_8082A_608.M	7	1.000	14 Jan 2022	04:27 pm

Data Directory: D:\GC-16\Data\2022\011822\

SampleName	MiscInfo	Vial	Multiplier	Injection Time	
1) 011801.D CO	8081_8082A_608.M	6	1.000	18 Jan 2022	11:10 am
2) 011802.D co	8081_8082A_608.M	7	1.000	18 Jan 2022	11:20 am
3) 011803.D 1660-CCV-	8081_8082A_608.M	6	1.000	18 Jan 2022	11:30 am
4) 011804.D 1254-CCV-	8081_8082A_608.M	7	1.000	18 Jan 2022	11:39 am
5) 011805.D MB-35055	8081_8082A_608.M	11	1.000	18 Jan 2022	12:08 pm
6) 011806.D LCS1-35055	8081_8082A_608.M	12	1.000	18 Jan 2022	12:17 pm
7) 011807.D LCS2-35055	8081_8082A_608.M	13	1.000	18 Jan 2022	12:27 pm
8) 011808.D LCS1D-35055	8081_8082A_608.M	14	1.000	18 Jan 2022	12:37 pm
9) 011809.D 2112242-047A	8081_8082A_608.M	15	1.000	18 Jan 2022	12:47 pm
10) 011810.D 2112277-059A	8081_8082A_608.M	16	1.000	18 Jan 2022	12:56 pm
11) 011811.D co	8081_8082A_608.M	7	1.000	18 Jan 2022	01:06 pm
12) 011812.D 1660-CCV-	8081_8082A_608.M	6	1.000	18 Jan 2022	01:16 pm
13) 011813.D 1254-CCV-	8081_8082A_608.M	7	1.000	18 Jan 2022	01:26 pm



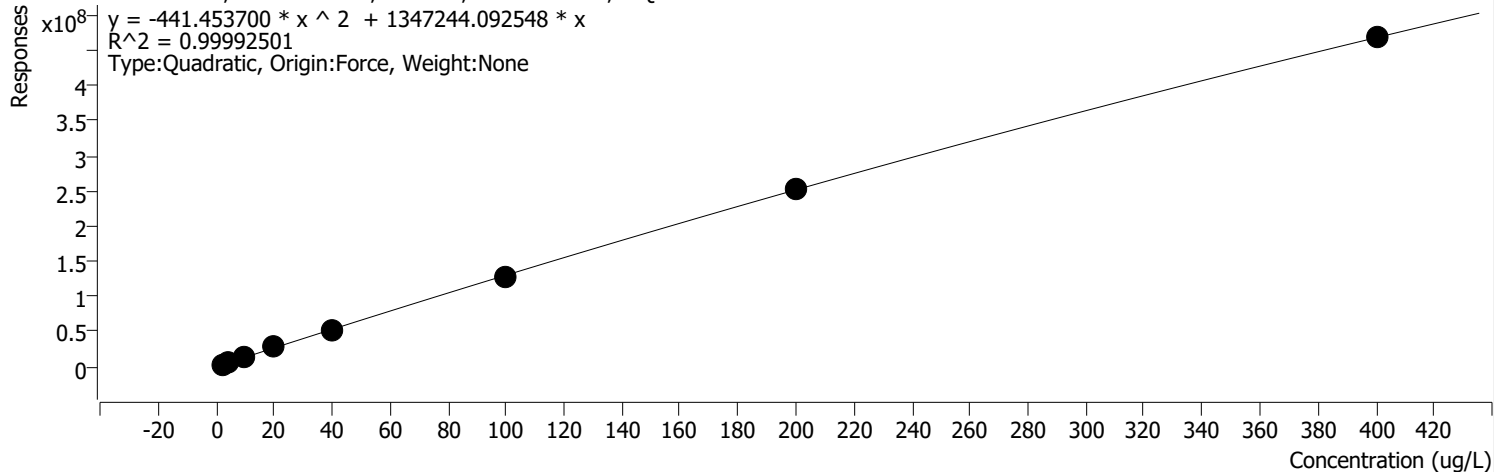
Calibration

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:03 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE =

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



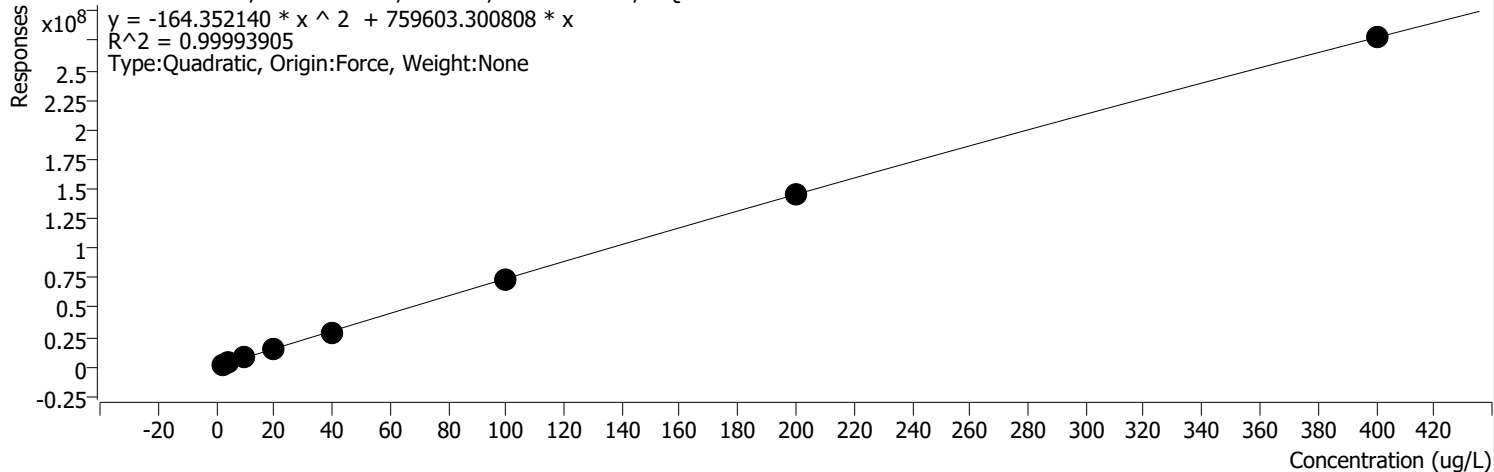
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	5987105	4.0000	1496776.2325	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	14133613	10.0000	1413361.2648	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	28037354	20.0000	1401867.7024	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	50268557	40.0000	1256713.9292	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	129331209	100.0000	1293312.0925	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	253231815	200.0000	1266159.0745	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	467991390	400.0000	1169978.4744	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

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Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

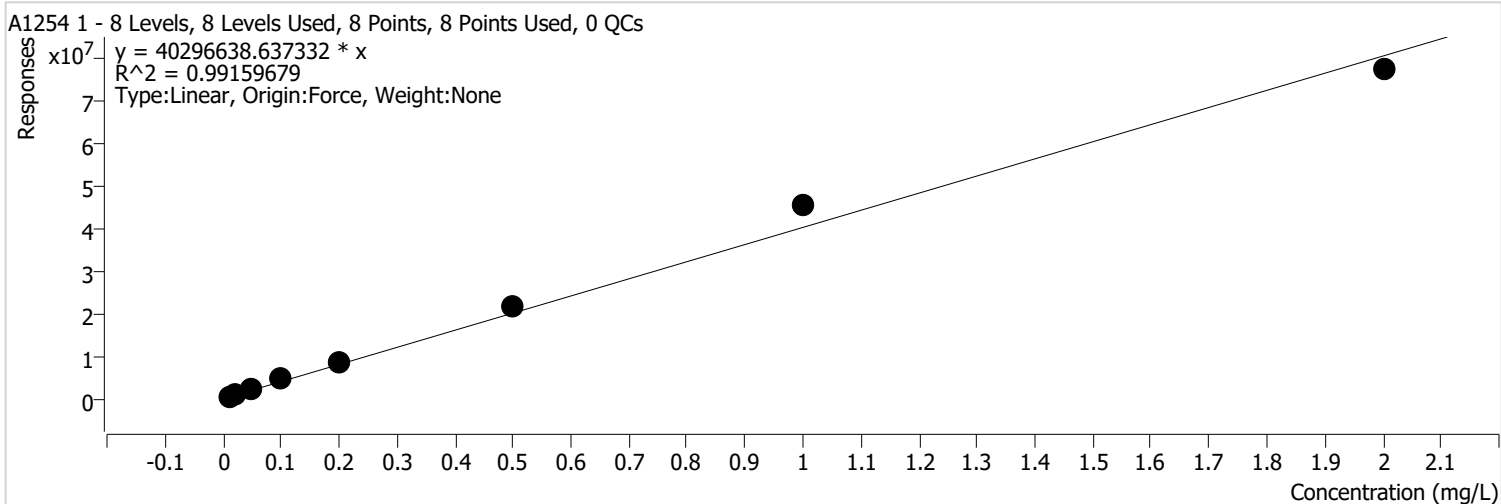


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1747536	2.0000	873767.8020	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3355011	4.0000	838752.6380	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	7906471	10.0000	790647.0906	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	15333111	20.0000	766655.5528	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	28540689	40.0000	713517.2319	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	73719827	100.0000	737198.2735	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	146274925	200.0000	731374.6273	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	277365247	400.0000	693413.1187	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE = 27.7

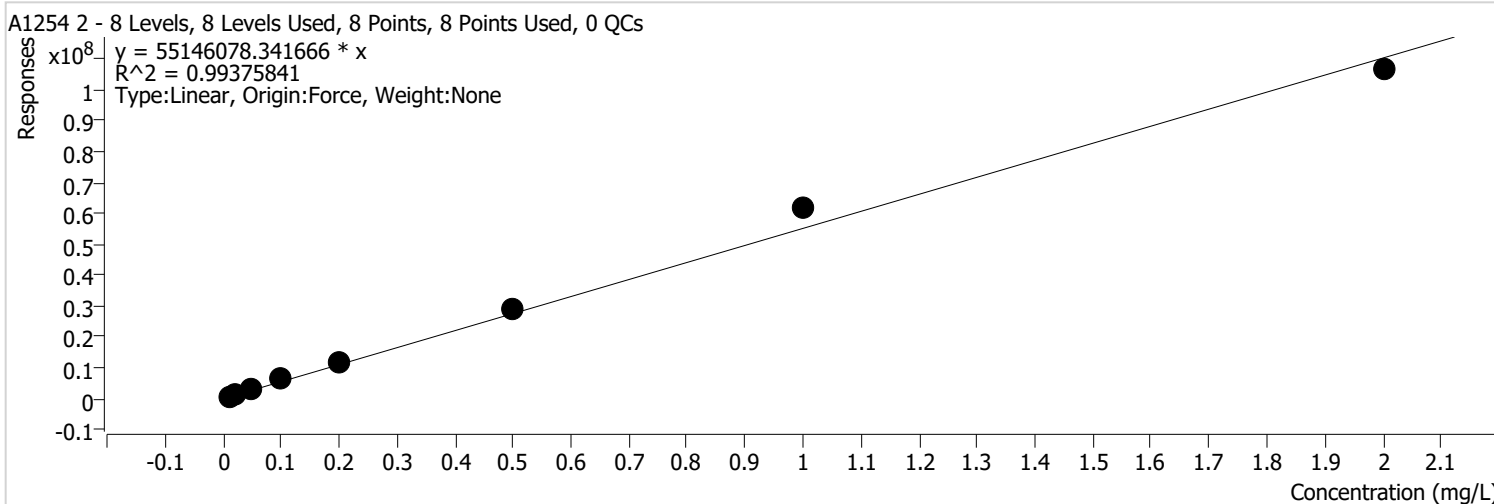


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1097096	0.0200	54854822 .0462	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2571334	0.0500	51426677 .3242	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4850080	0.1000	48500798 .7335	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8688904	0.2000	43444520 .7125	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	21613150	0.5000	43226300 .7013	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	45839065	1.0000	45839065 .3357	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	77334201	2.0000	38667100 .3795	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 %RSE = 25.1

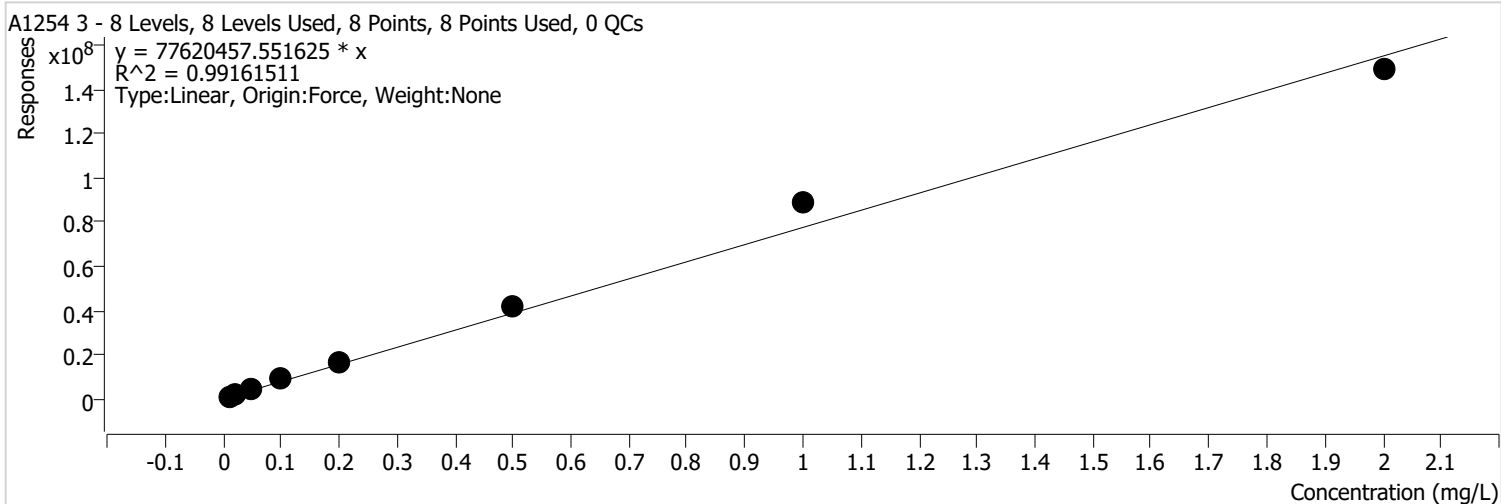


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	744054	0.0100	74405372 .2567	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1490100	0.0200	74504983 .0310	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3523234	0.0500	70464671 .0095	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6497170	0.1000	64971695 .9121	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11711269	0.2000	58556347 .3659	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29266351	0.5000	58532701 .2157	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	61701655	1.0000	61701654 .5006	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	106449724	2.0000	53224862 .1449	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE = 30.4

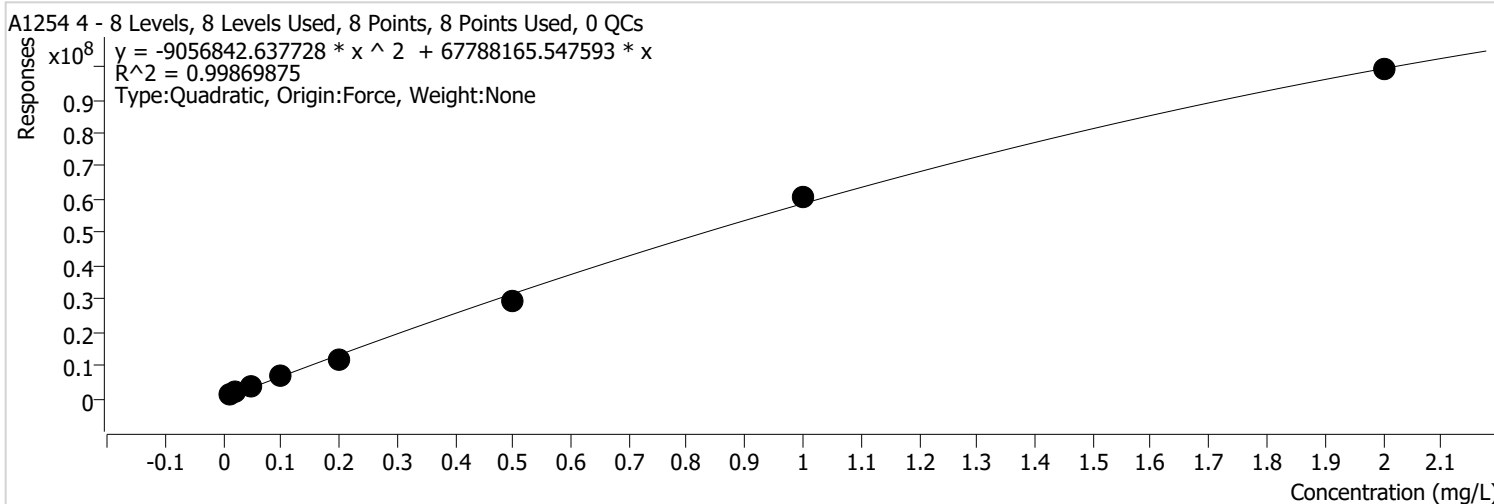


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1157188	0.0100	11571877 1.6595	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2204641	0.0200	11023205 9.7779	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4963794	0.0500	99275879 .1927	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9090132	0.1000	90901319 .8798	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	16261865	0.2000	81309326 .1013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	41588015	0.5000	83176030 .1804	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	88389174	1.0000	88389173 .9690	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	148986432	2.0000	74493216 .0601	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 %RSE = 33.7

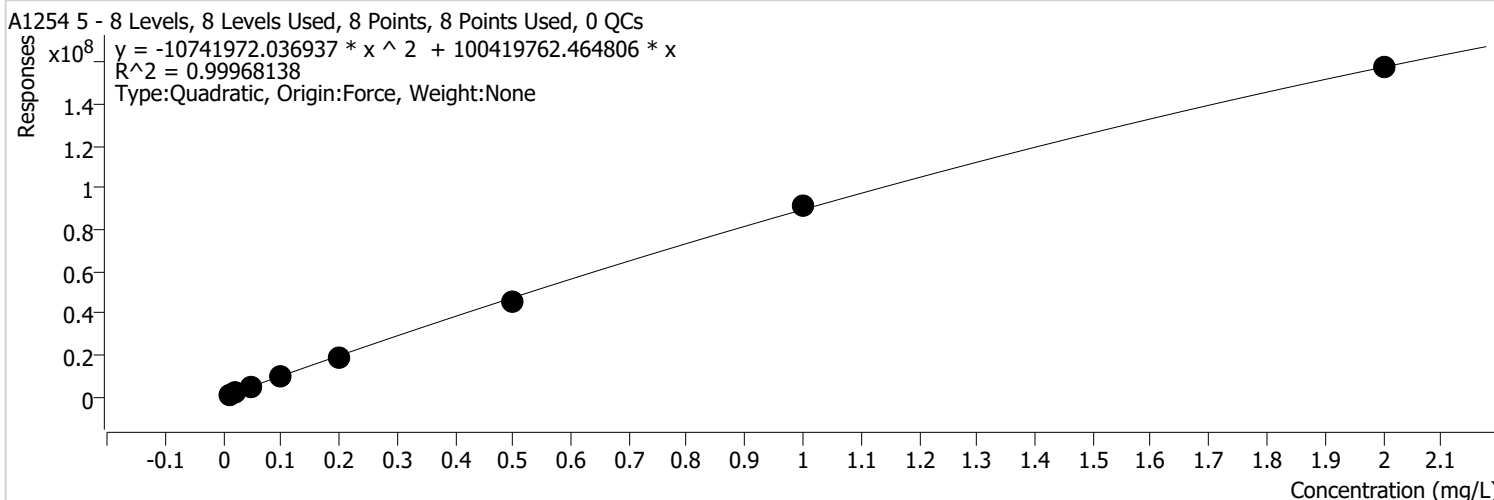


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1034675	0.0100	10346747 0.3164	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2019129	0.0200	10095645 5.4799	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3887202	0.0500	77744031 .4539	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6688577	0.1000	66885769 .2913	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11730547	0.2000	58652733 .3282	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29549445	0.5000	59098890 .3992	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	60734640	1.0000	60734639 .8071	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	98992404	2.0000	49496202 .1970	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE = 3.8

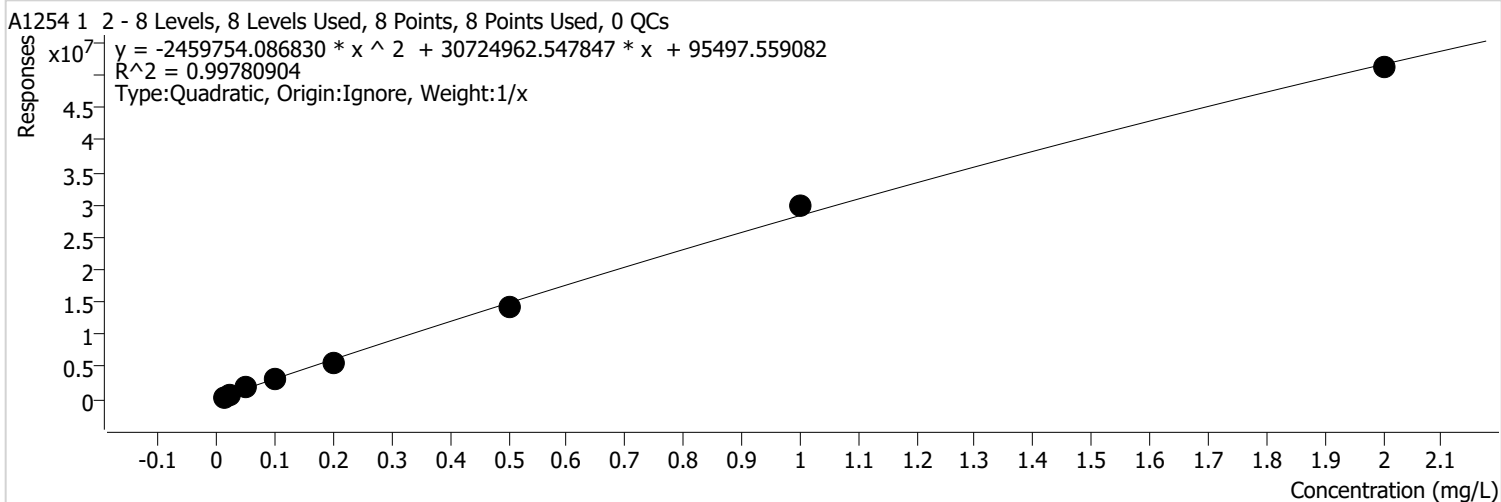


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1012163	0.0100	10121631 0.0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2031310	0.0200	10156552 4.7143	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4906928	0.0500	98138565 .5000	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9392843	0.1000	93928430 .8547	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	18912153	0.2000	94560767 .1996	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	45747749	0.5000	91495497 .2404	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	91387604	1.0000	91387603 .9391	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	157564050	2.0000	78782025 .2102	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 2 %RSE = 11.9

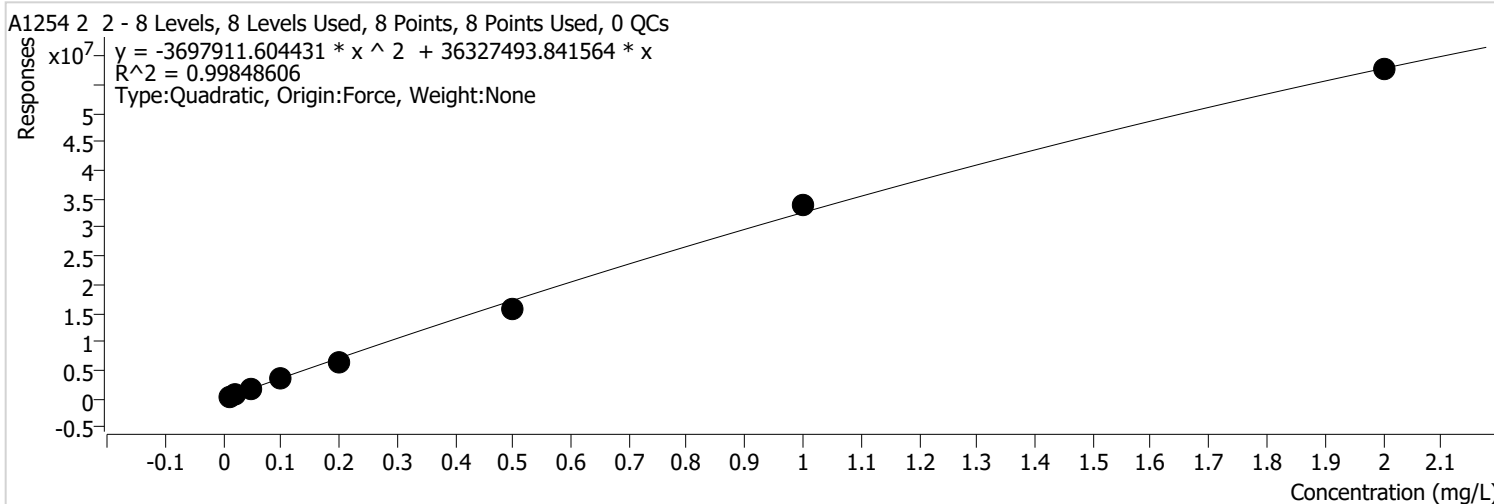


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	350412	0.0100	35041220 .0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	796688	0.0200	39834388 .4825	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1764954	0.0500	35299074 .8457	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3201582	0.1000	32015815 .2427	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	5692544	0.2000	28462717 .9013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	14066030	0.5000	28132060 .8995	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	29883184	1.0000	29883184 .1128	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	51177366	2.0000	25588682 .9284	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 2 %RSE = 16.2

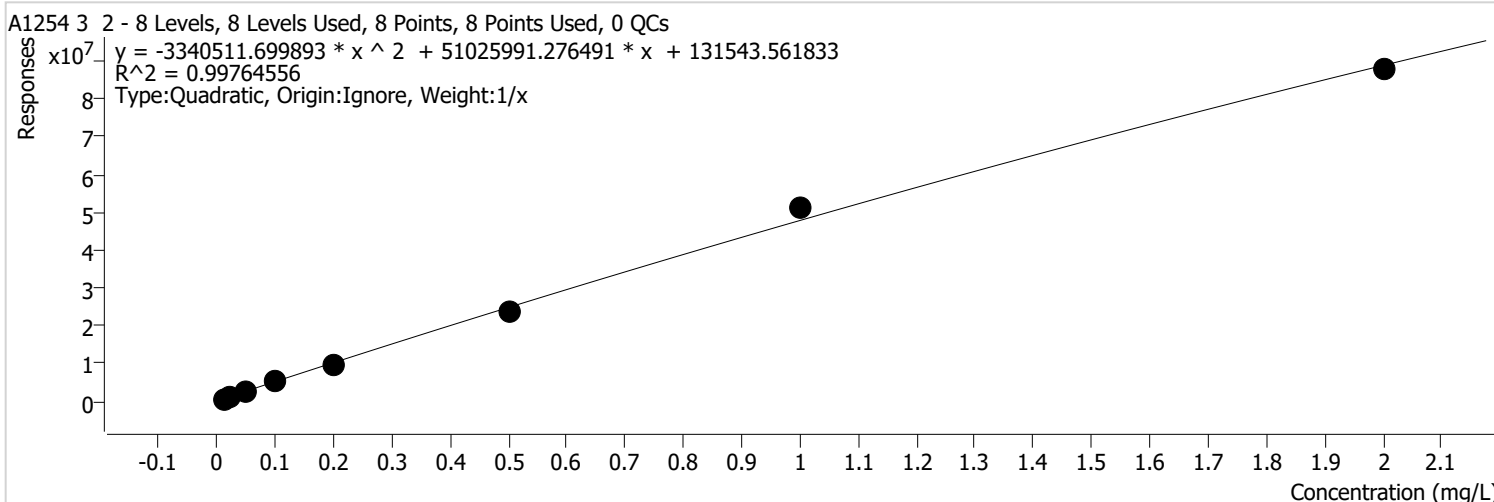


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	461435	0.0100	46143484 .7645	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	850241	0.0200	42512054 .6772	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1937642	0.0500	38752837 .2010	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3562499	0.1000	35624993 .2739	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6350412	0.2000	31752060 .0757	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	15814825	0.5000	31629649 .1212	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	33960776	1.0000	33960775 .9612	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	57627229	2.0000	28813614 .4715	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 2 %RSE = 6.6

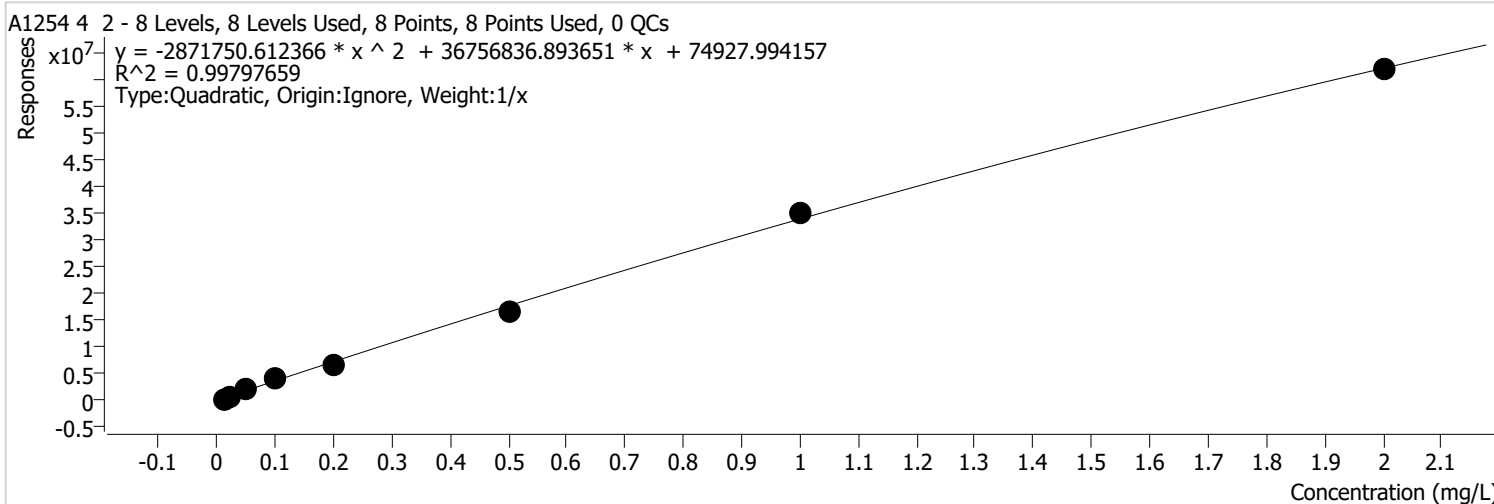


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	633860	0.0100	63386044 .1039	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1210006	0.0200	60500280 .4478	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2785795	0.0500	55715899 .9627	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	5196055	0.1000	51960547 .7509	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	9302962	0.2000	46514810 .0909	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	23599607	0.5000	47199214 .4840	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	50941643	1.0000	50941642 .7440	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	87648533	2.0000	43824266 .6378	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 2 %RSE = 13.4

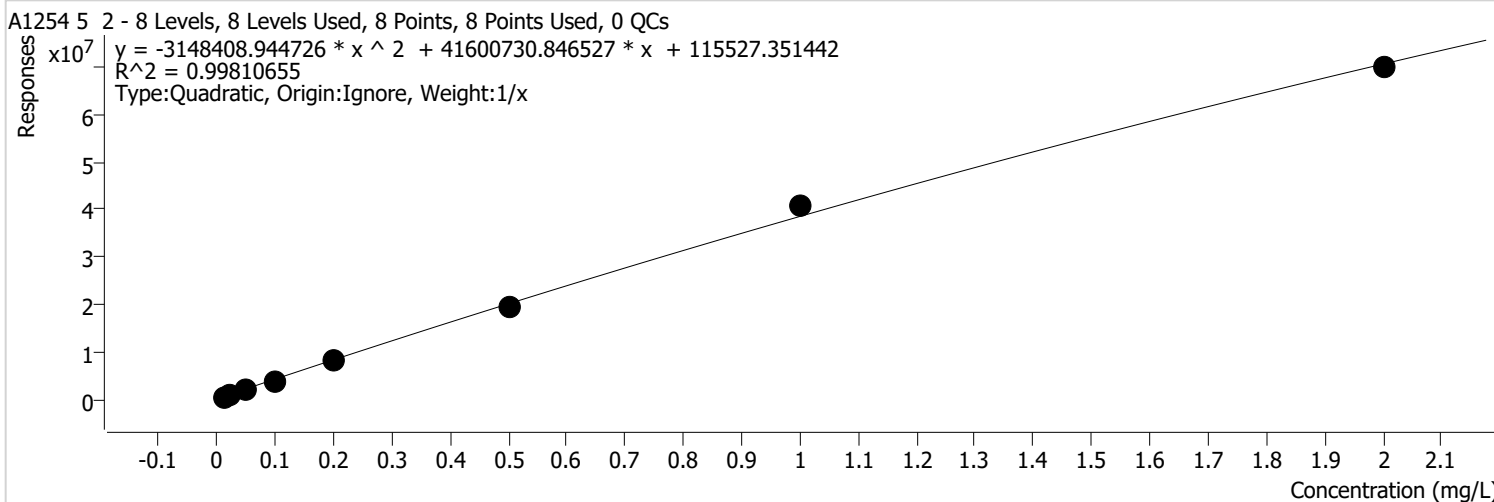


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	361993	0.0100	36199272 .8077	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	859897	0.0200	42994858 .0057	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2130173	0.0500	42603465 .9972	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4146889	0.1000	41468894 .7934	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6853477	0.2000	34267386 .0557	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	16779588	0.5000	33559175 .5747	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	35031313	1.0000	35031312 .9376	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	61823727	2.0000	30911863 .4999	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 2 %RSE = 11.4



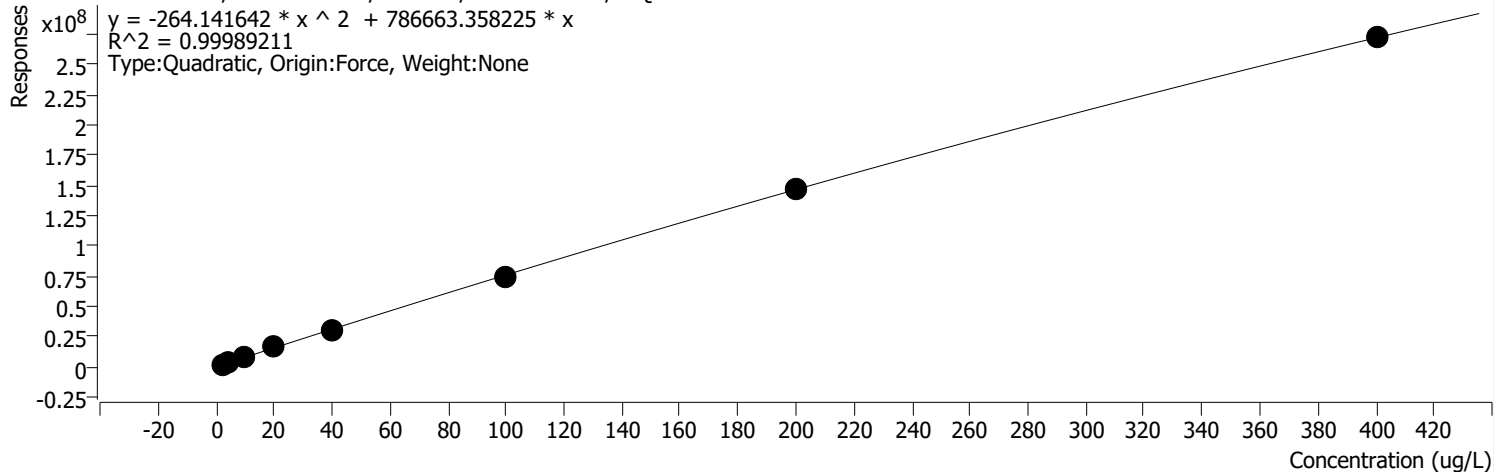
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	496146	0.0100	49614596 .3803	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1116535	0.0200	55826774 .5691	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2201385	0.0500	44027706 .0840	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3840360	0.1000	38403604 .2790	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8010151	0.2000	40050753 .2688	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	19426064	0.5000	38852127 .2101	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	40634328	1.0000	40634327 .6281	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	69914073	2.0000	34957036 .3940	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

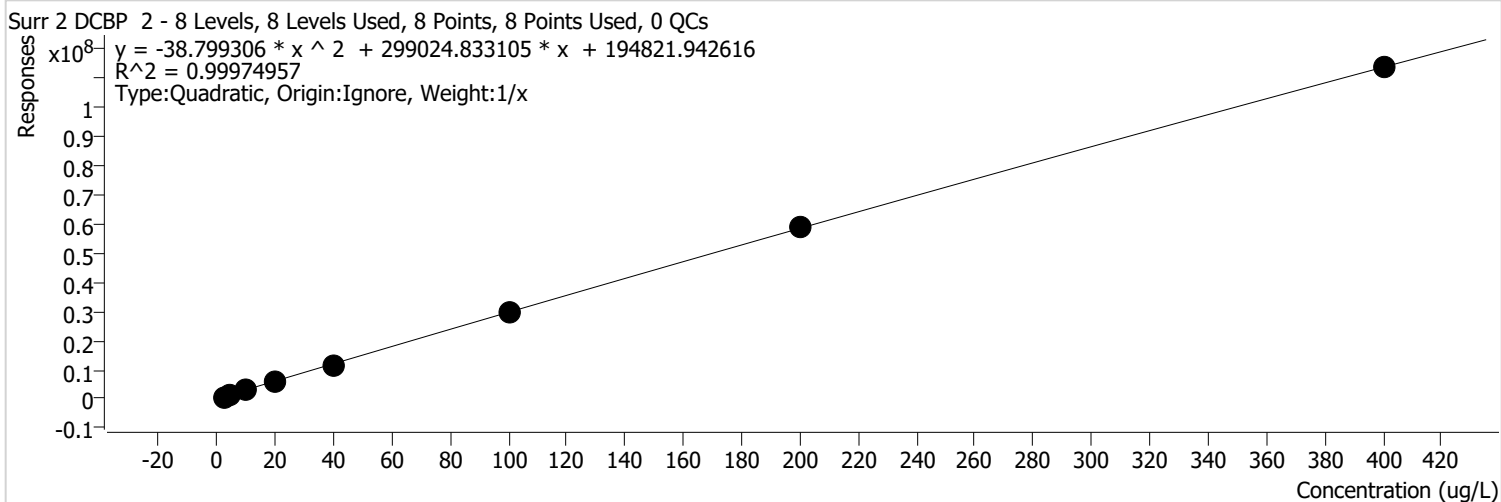


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1999822	2.0000	999910.8000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3976085	4.0000	994021.2125	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	9141741	10.0000	914174.0999	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	17384365	20.0000	869218.2664	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	30399135	40.0000	759978.3648	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	75189580	100.0000	751895.7972	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	147123426	200.0000	735617.1307	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	272366933	400.0000	680917.3313	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE =



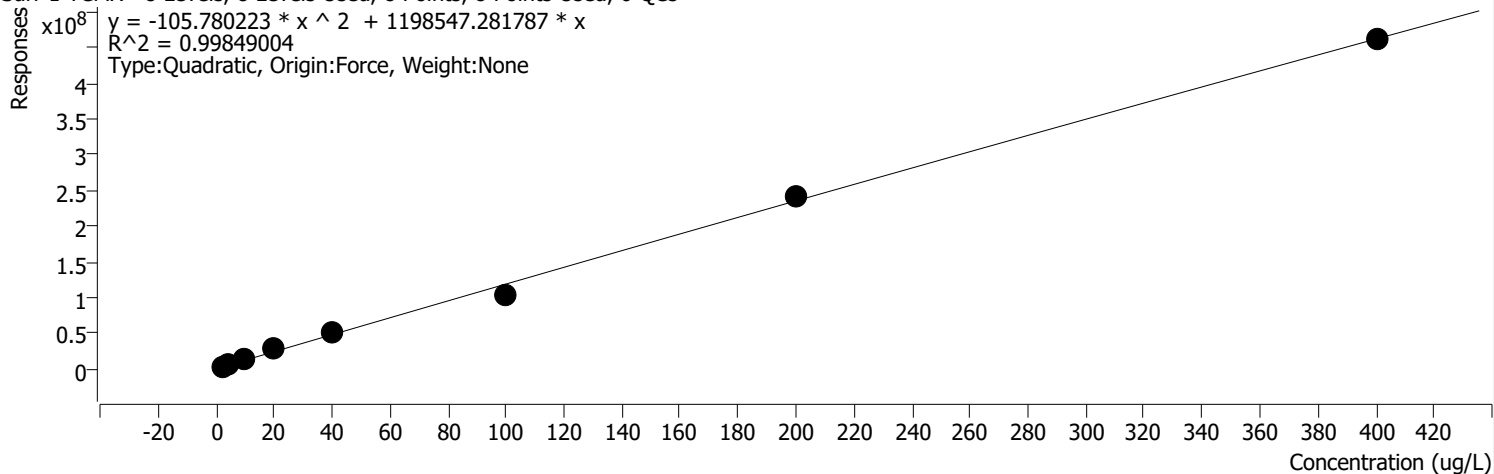
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	754197	2.0000	377098.3 123	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1426478	4.0000	356619.5 872	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3335767	10.0000	333576.6 500	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6312805	20.0000	315640.2 460	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11515852	40.0000	287896.2 957	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29640063	100.0000	296400.6 277	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	59004770	200.0000	295023.8 494	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	113381806	400.0000	283454.5 159	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:15 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE = 17.6

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

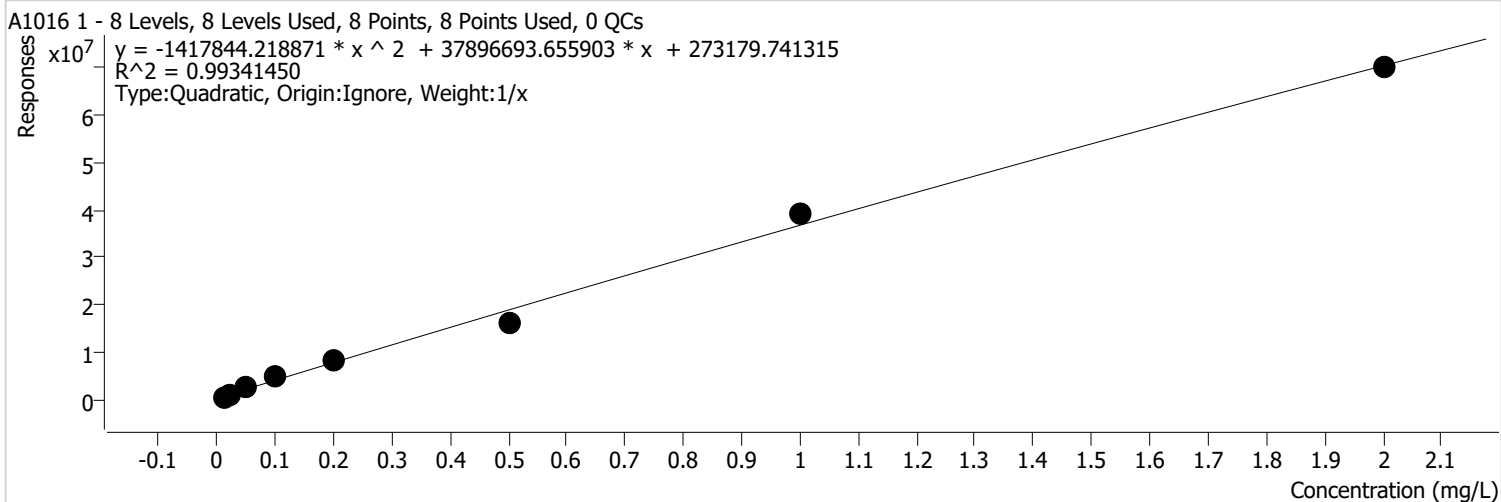


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	2934536	2.0000	1467267.9537	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	5764984	4.0000	1441245.9265	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	13779442	10.0000	1377944.1841	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	27573950	20.0000	1378697.5191	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	50569974	40.0000	1264249.3507	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	105302817	100.0000	1053028.1711	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	243674022	200.0000	1218370.1118	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	461250190	400.0000	1153125.4750	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 %RSE = 17.5

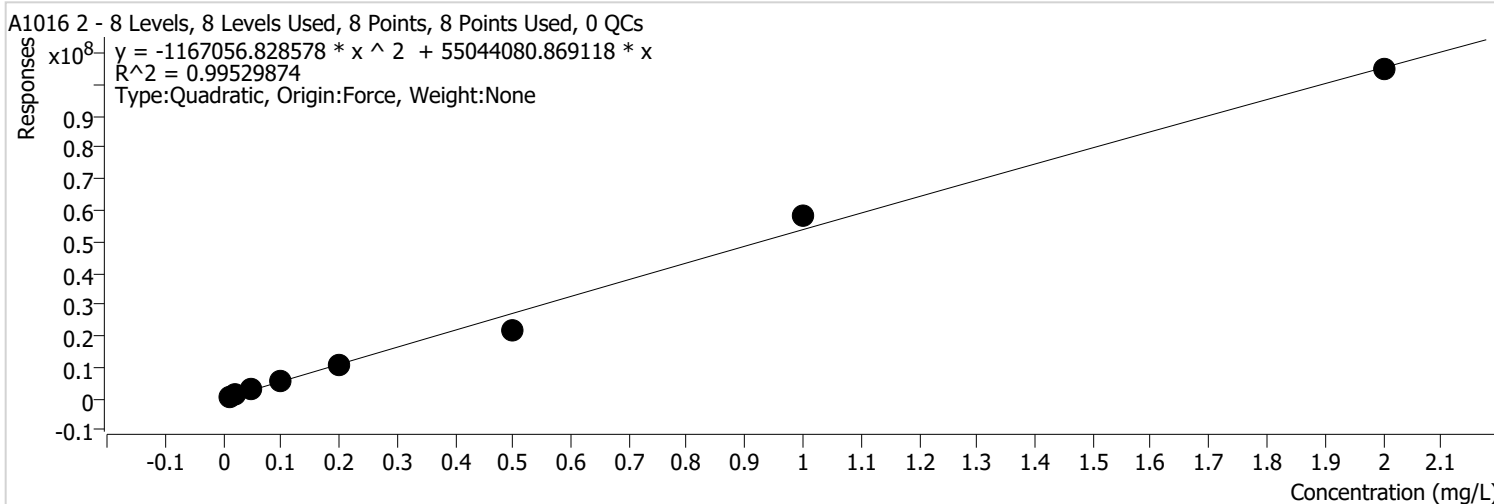


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	558685	0.0100	55868473 .3413	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1003803	0.0200	50190161 .2263	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2480232	0.0500	49604637 .6594	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	4720689	0.1000	47206890 .0322	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	8101627	0.2000	40508136 .7500	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	15925208	0.5000	31850416 .0243	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	38960423	1.0000	38960422 .5481	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	69955115	2.0000	34977557 .3342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 %RSE = 15.4



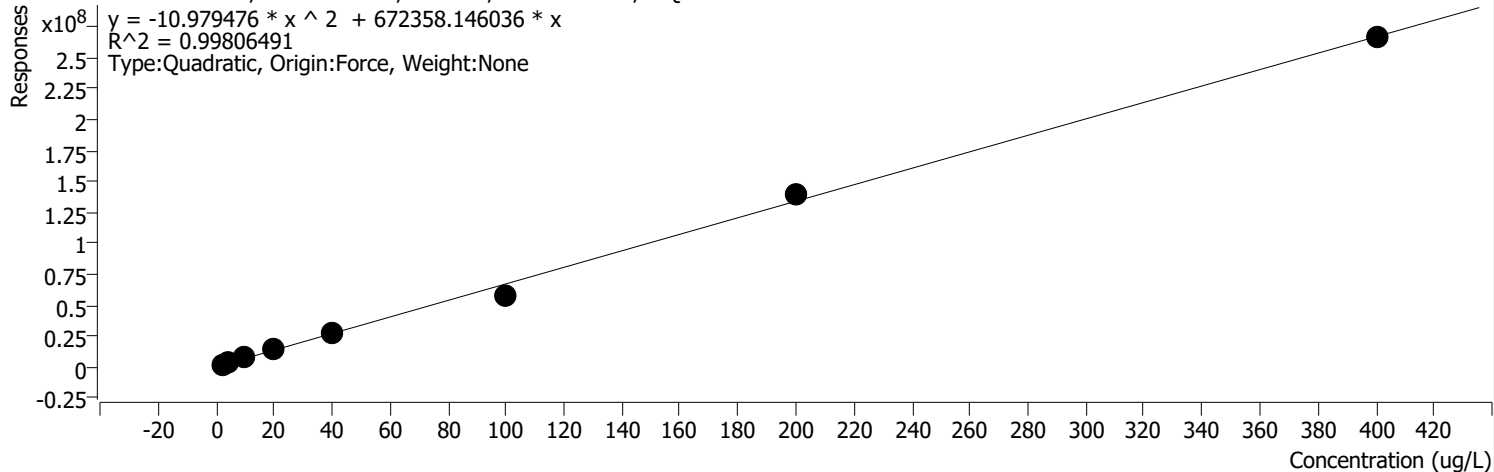
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2936183	0.0500	58723652.8497	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5786440	0.1000	57864400.5083	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10635390	0.2000	53176951.8044	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21896785	0.5000	43793570.7927	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57914319	1.0000	57914319.3448	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104746357	2.0000	52373178.6342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE = 16.8

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

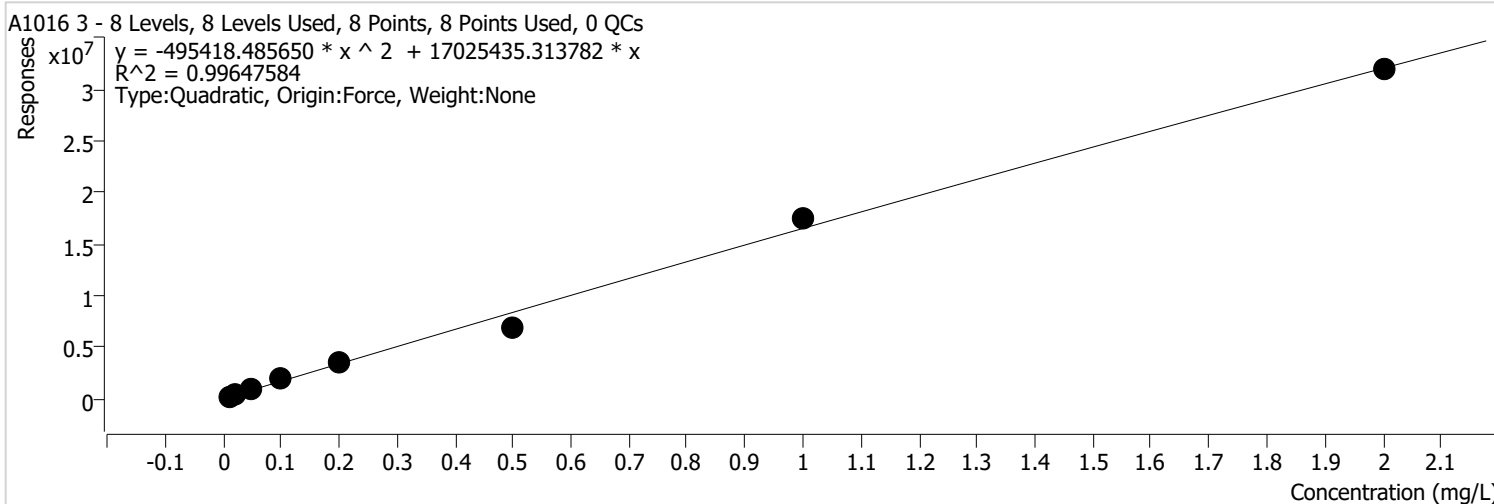


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	3190258	4.0000	797564.6 113	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	7598580	10.0000	759857.9 508	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15089134	20.0000	754456.7 026	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	28036116	40.0000	700902.8 912	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	58260955	100.0000	582609.5 468	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	139839684	200.0000	699198.4 179	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	266272486	400.0000	665681.2 142	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 %RSE = 19.6

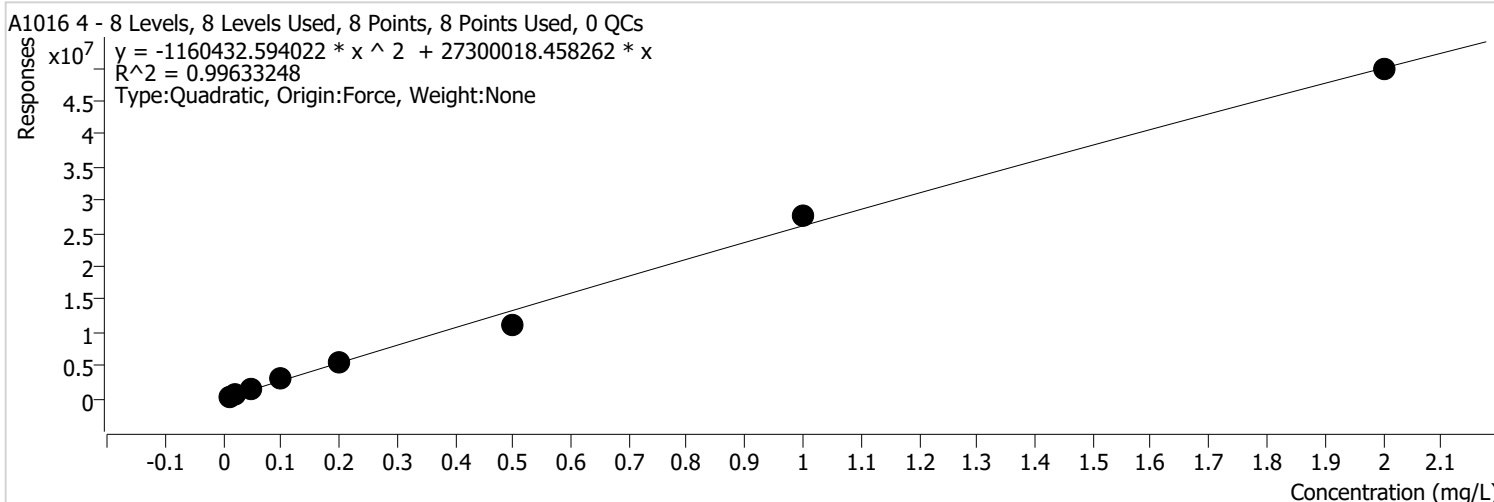


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	422272	0.0200	21113585 .1916	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	994908	0.0500	19898155 .8441	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1884570	0.1000	18845697 .4311	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3547755	0.2000	17738773 .1109	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6948104	0.5000	13896208 .1278	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17498388	1.0000	17498388 .0114	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	31914959	2.0000	15957479 .6375	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 %RSE = 15.9

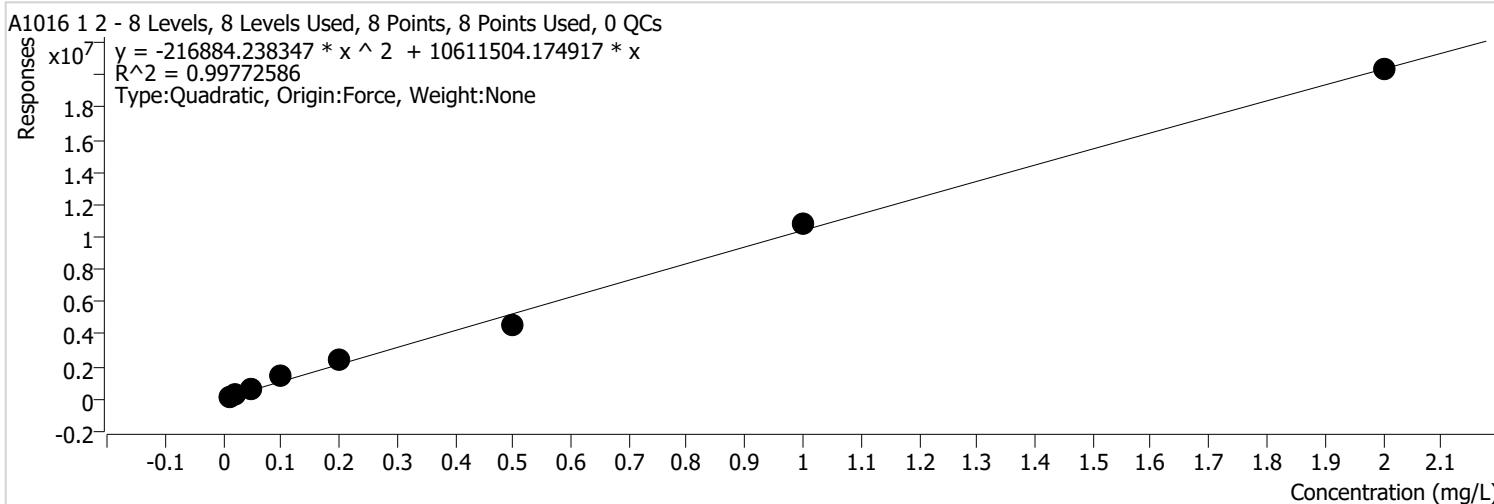


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	319731	0.0100	31973095 .1833	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	644811	0.0200	32240571 .2785	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1549198	0.0500	30983950 .7000	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2990136	0.1000	29901362 .4843	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5567504	0.2000	27837521 .2423	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11074643	0.5000	22149286 .8012	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27723383	1.0000	27723382 .7603	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49702839	2.0000	24851419 .6806	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 2 %RSE = 36.9

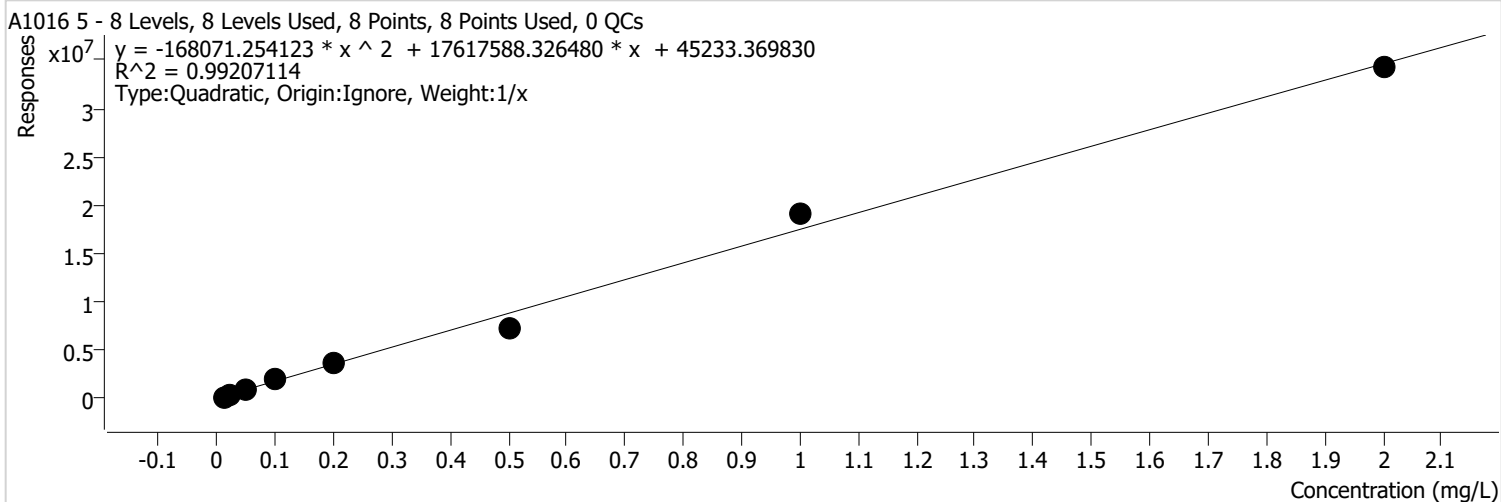


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	162196	0.0100	16219643 .7222	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	304001	0.0200	15200055 .7967	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	679286	0.0500	13585712 .4859	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1393721	0.1000	13937209 .0817	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	2360368	0.2000	11801842 .3994	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	4564234	0.5000	9128468. 2637	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	10738358	1.0000	10738358 .4993	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	20309085	2.0000	10154542 .3310	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 %RSE = 16.3

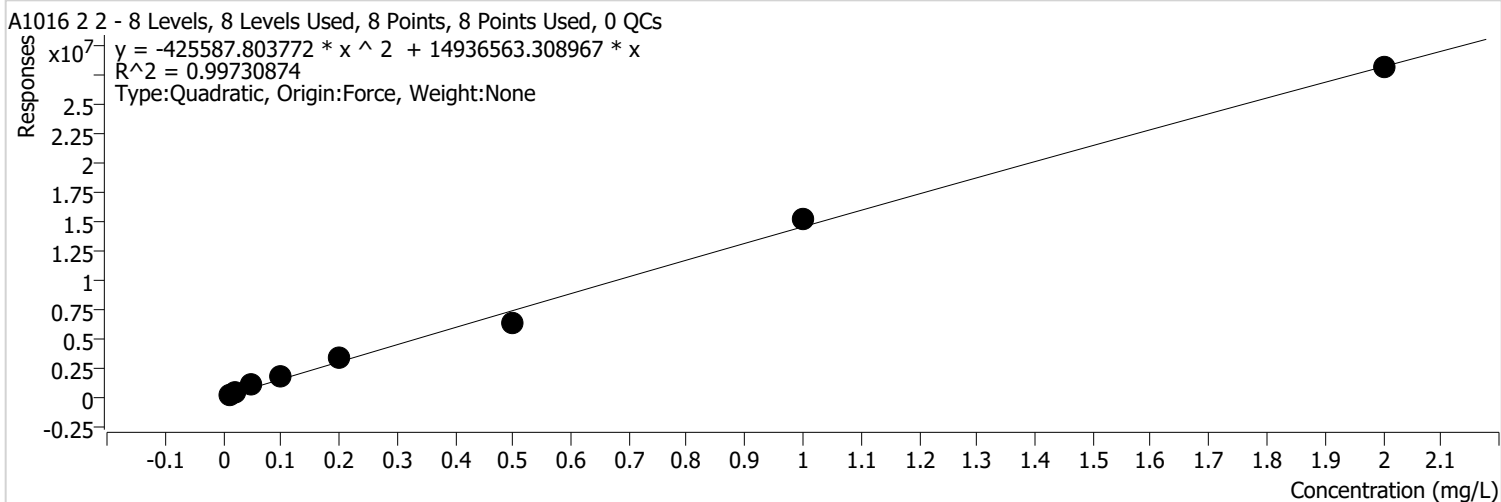


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	414516	0.0200	20725823 .0790	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1035989	0.0500	20719782 .8600	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2039362	0.1000	20393624 .8763	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3662990	0.2000	18314948 .2969	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7236474	0.5000	14472948 .5739	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	19064725	1.0000	19064724 .7814	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	34192501	2.0000	17096250 .6060	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 2 %RSE = 31.5

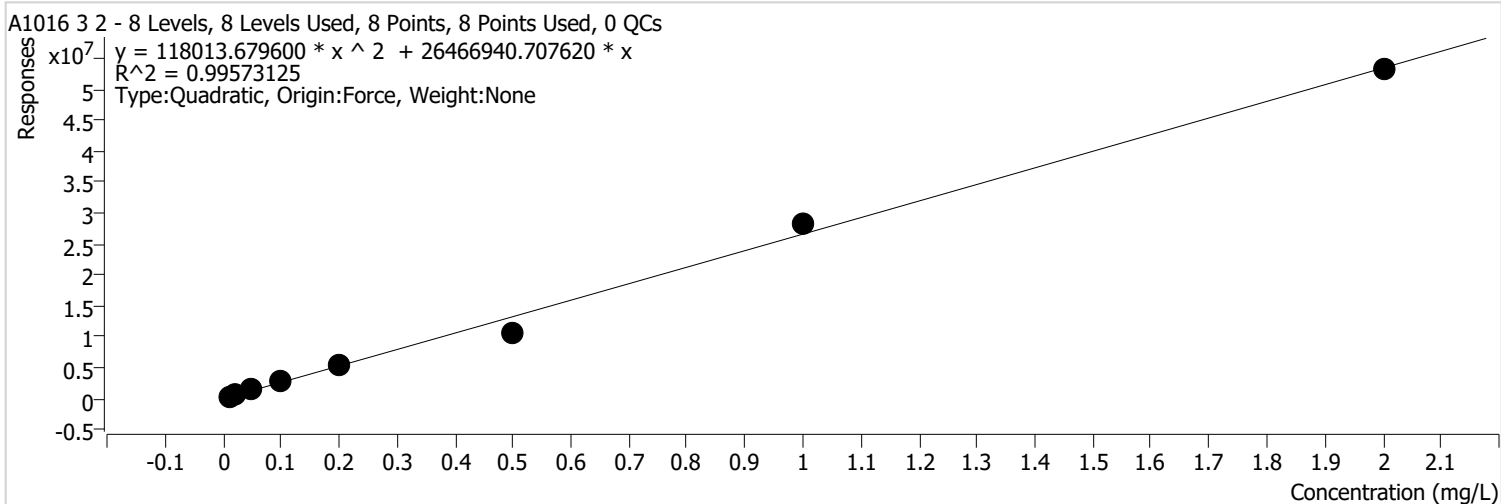


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	214219	0.0100	21421890 .2015	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	418252	0.0200	20912585 .1103	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	949932	0.0500	18998635 .4300	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1786478	0.1000	17864779 .8493	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3229064	0.2000	16145320 .8774	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6271490	0.5000	12542979 .3358	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15153231	1.0000	15153230 .5254	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28074890	2.0000	14037444 .8486	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 2 %RSE = 21.5

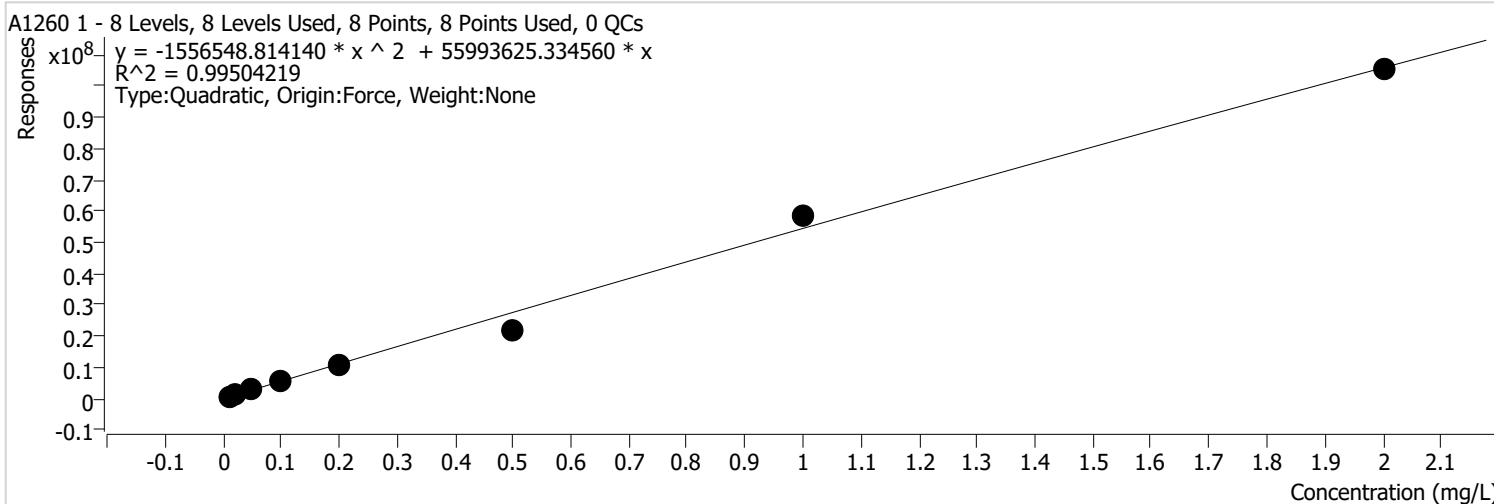


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	347226	0.0100	34722593 .4911	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	653143	0.0200	32657143 .5971	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1516050	0.0500	30321003 .8760	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2962224	0.1000	29622239 .9393	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5319469	0.2000	26597344 .2684	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10659811	0.5000	21319621 .4292	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	28444607	1.0000	28444607 .3592	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	53102586	2.0000	26551293 .2057	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 %RSE = 18.0

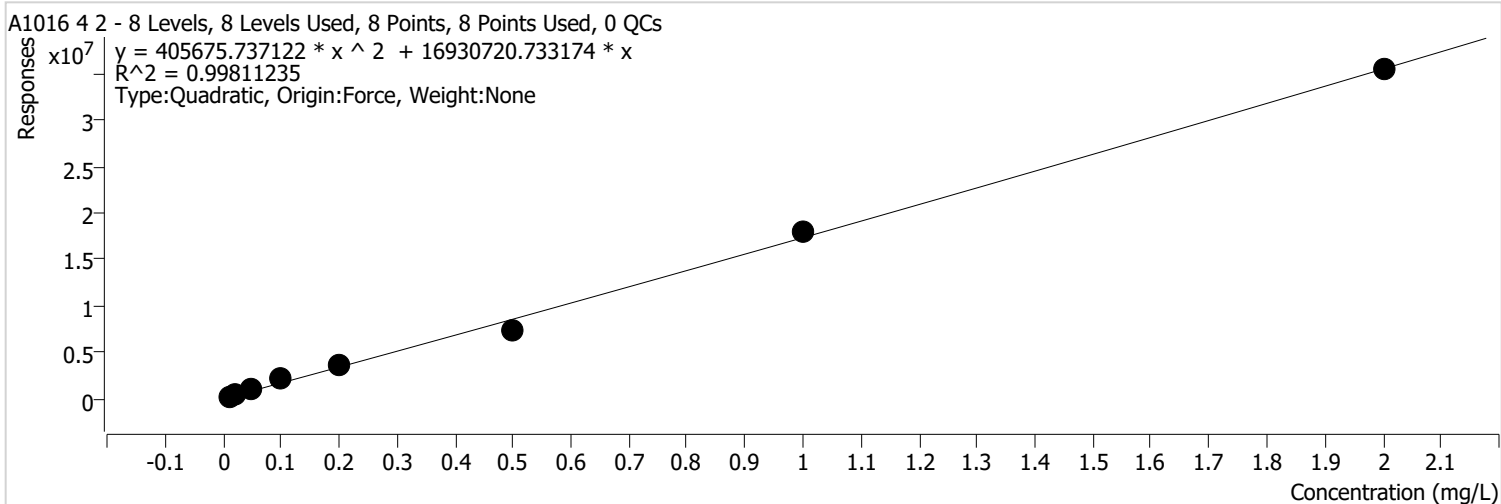


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1319661	0.0200	65983040 .6672	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3170575	0.0500	63411497 .3457	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6062315	0.1000	60623150 .1718	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	11096841	0.2000	55484202 .9755	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	22046529	0.5000	44093058 .0075	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	58484147	1.0000	58484146 .8930	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105095802	2.0000	52547900 .8917	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 2 %RSE = 26.1



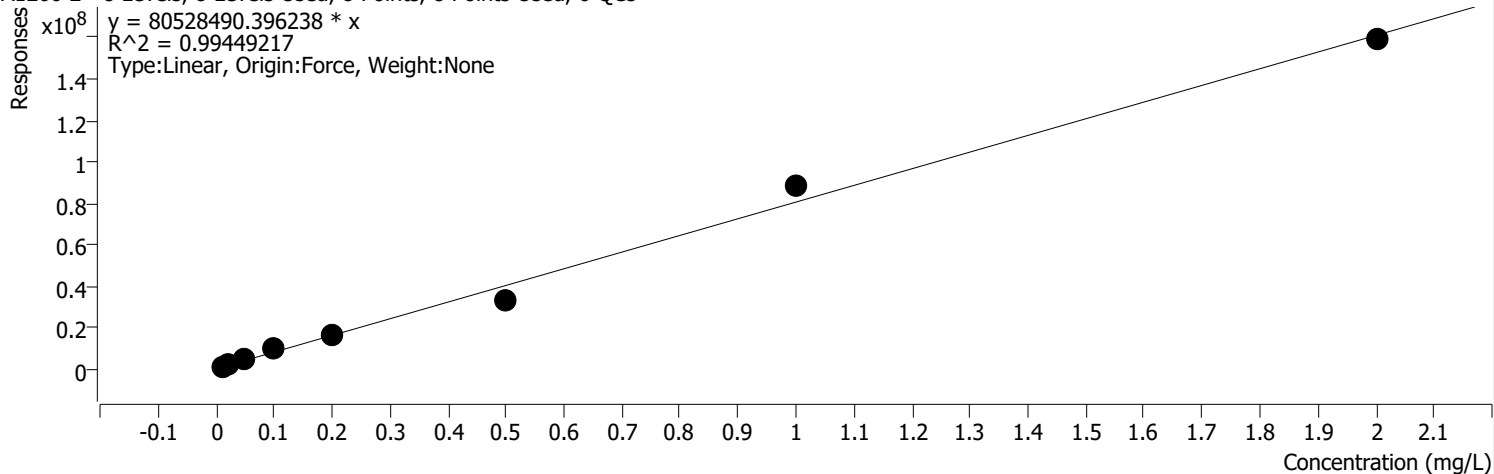
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	440280	0.0200	22013999 .9700	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1066664	0.0500	21333280 .1504	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2077680	0.1000	20776801 .7758	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3744000	0.2000	18719998 .8121	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7432530	0.5000	14865059 .5050	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17965306	1.0000	17965305 .8415	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	35393292	2.0000	17696645 .7608	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 %RSE = 19.9

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



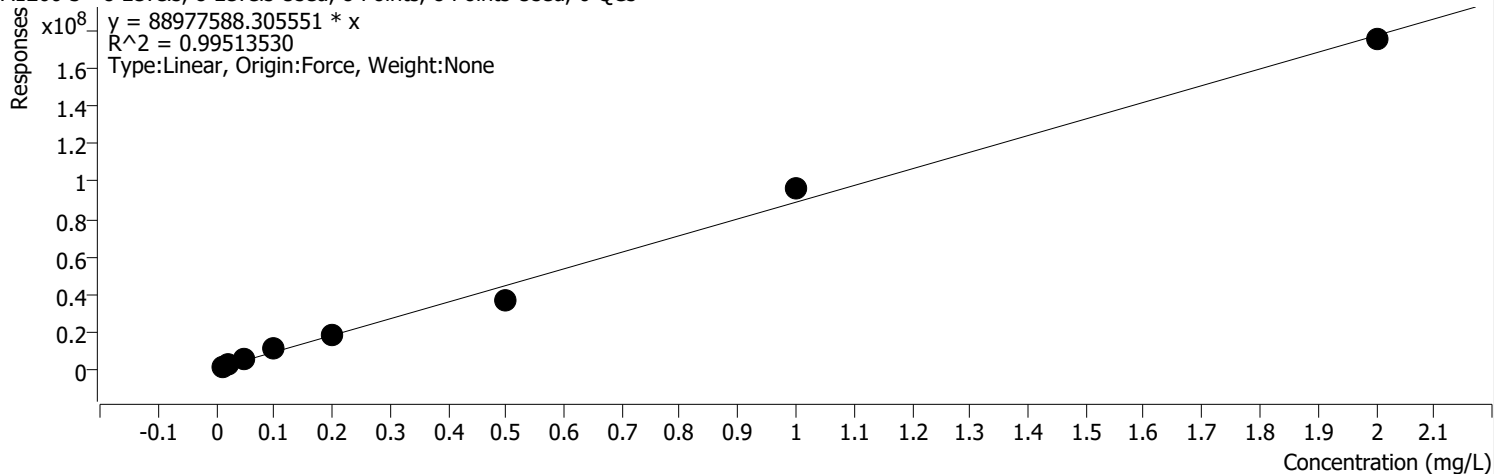
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	4904582	0.0500	98091636 .1280	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	9246193	0.1000	92461928 .1525	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	16515515	0.2000	82577576 .6223	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	32893263	0.5000	65786525 .0817	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	88318086	1.0000	88318086 .2015	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	158877532	2.0000	79438766 .1175	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 %RSE = 19.0

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

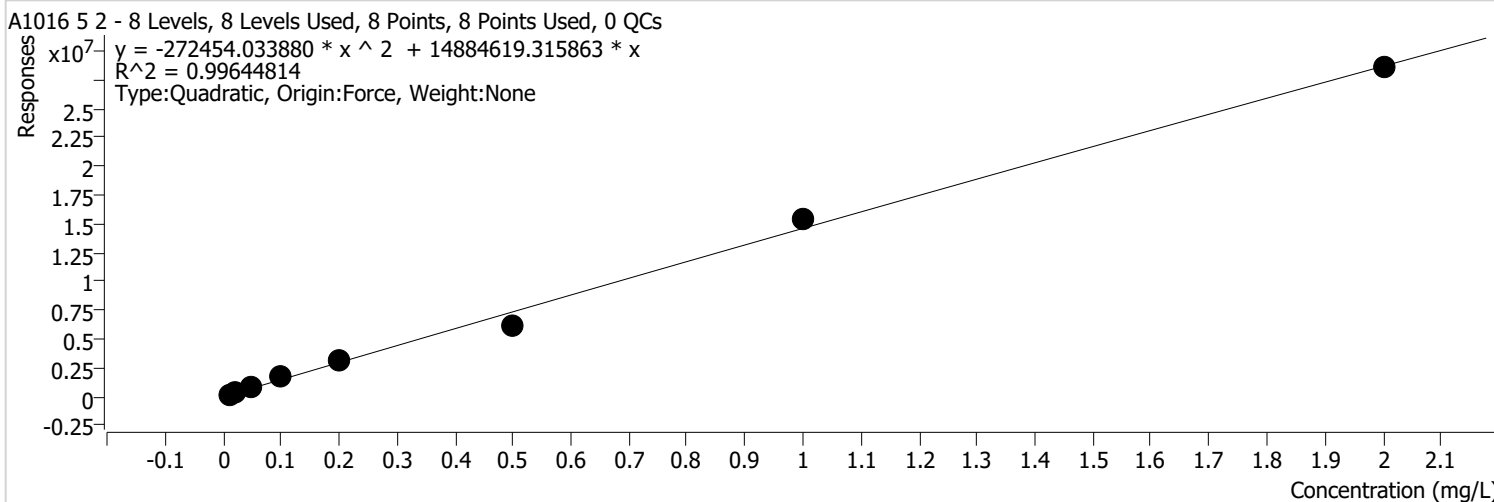


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2266076	0.0200	11330379 4.8708	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	5339762	0.0500	10679524 0.0005	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	10233940	0.1000	10233939 7.3536	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	18655435	0.2000	93277174 .1700	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	36843220	0.5000	73686440 .8858	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	97001486	1.0000	97001485 .9821	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	175673815	2.0000	87836907 .6900	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 2 %RSE = 15.6

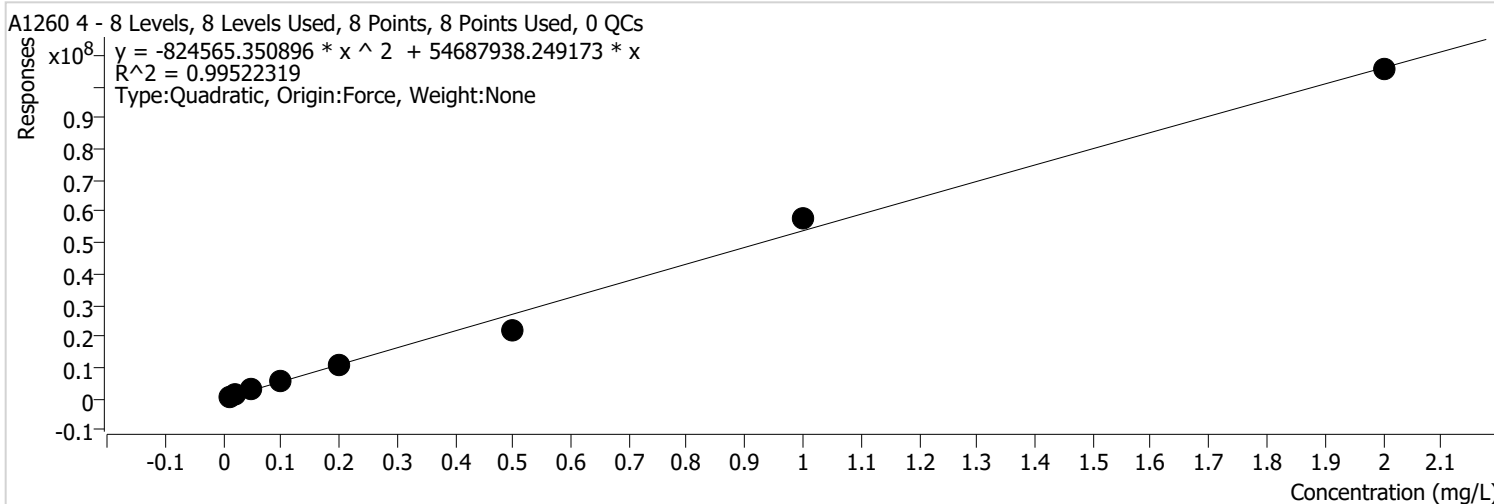


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	167242	0.0100	16724249 .4775	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	339072	0.0200	16953617 .7172	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	874896	0.0500	17497923 .2254	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1692048	0.1000	16920475 .0877	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3079390	0.2000	15396950 .2499	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6084661	0.5000	12169321 .9336	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15484491	1.0000	15484490 .7231	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28540201	2.0000	14270100 .4826	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 %RSE = 26.4

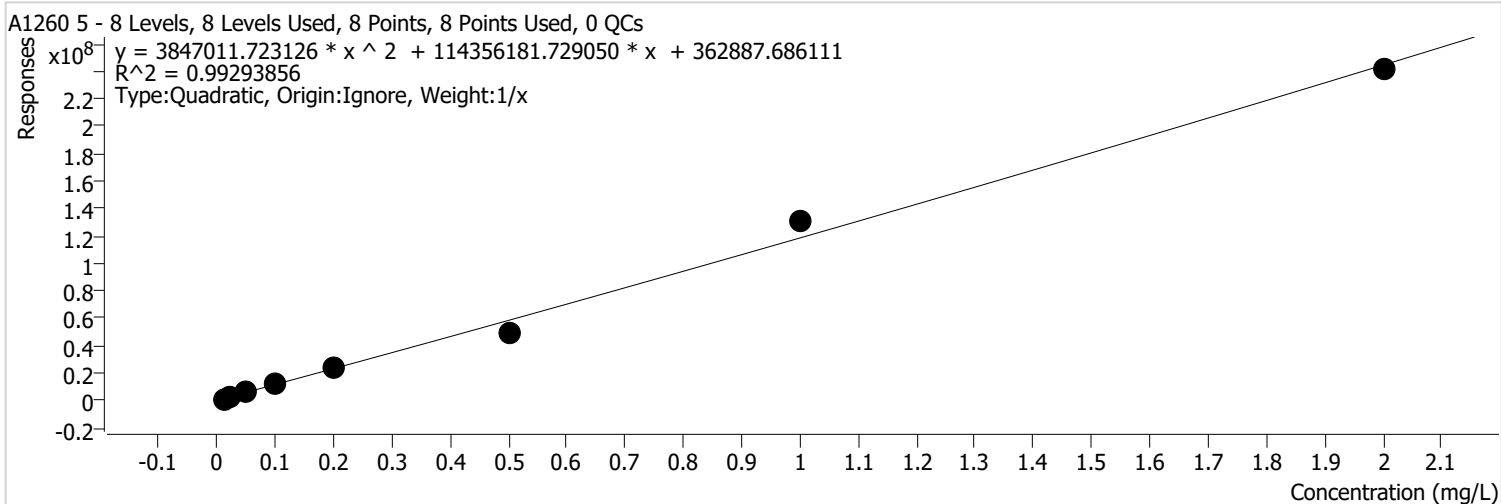


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	802961	0.0100	80296050 .2886	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1336301	0.0200	66815037 .1824	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3127375	0.0500	62547492 .6676	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6038966	0.1000	60389655 .9714	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10889214	0.2000	54446071 .0101	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21669221	0.5000	43338442 .2614	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57807238	1.0000	57807237 .5854	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105431867	2.0000	52715933 .5565	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 %RSE = 11.3

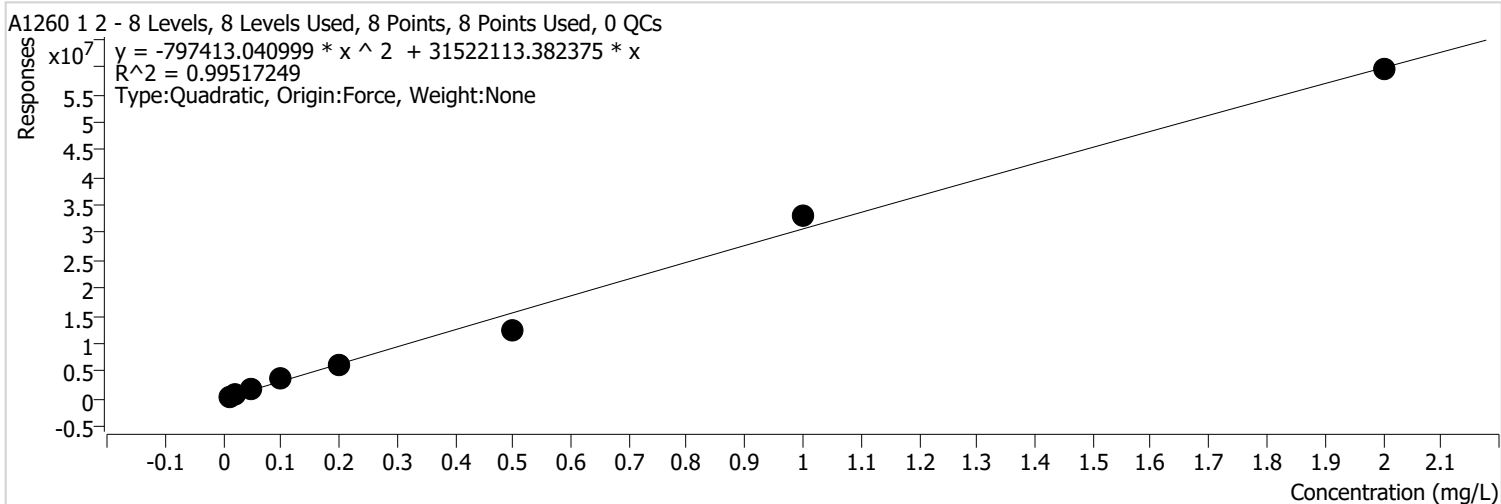


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2690941	0.0200	13454706 3.8572	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	6519981	0.0500	13039961 8.6371	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	12793202	0.1000	12793202 2.1217	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	23841366	0.2000	11920683 1.9695	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	48448879	0.5000	96897758 .9707	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	130343343	1.0000	13034334 3.3107	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	240984463	2.0000	12049223 1.4882	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 2 %RSE = 16.1



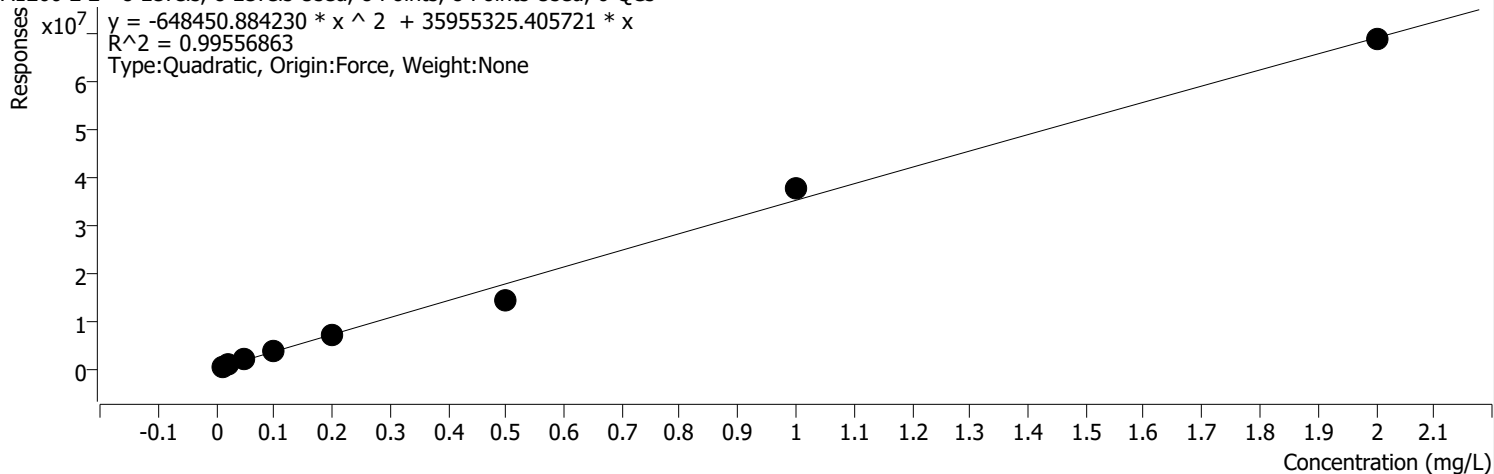
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1787466	0.0500	35749317.4926	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3520415	0.1000	35204145.0000	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6232292	0.2000	31161462.3284	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	12458130	0.5000	24916260.8090	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32970063	1.0000	32970063.2530	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	59486526	2.0000	29743262.8515	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 2 %RSE = 18.7

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



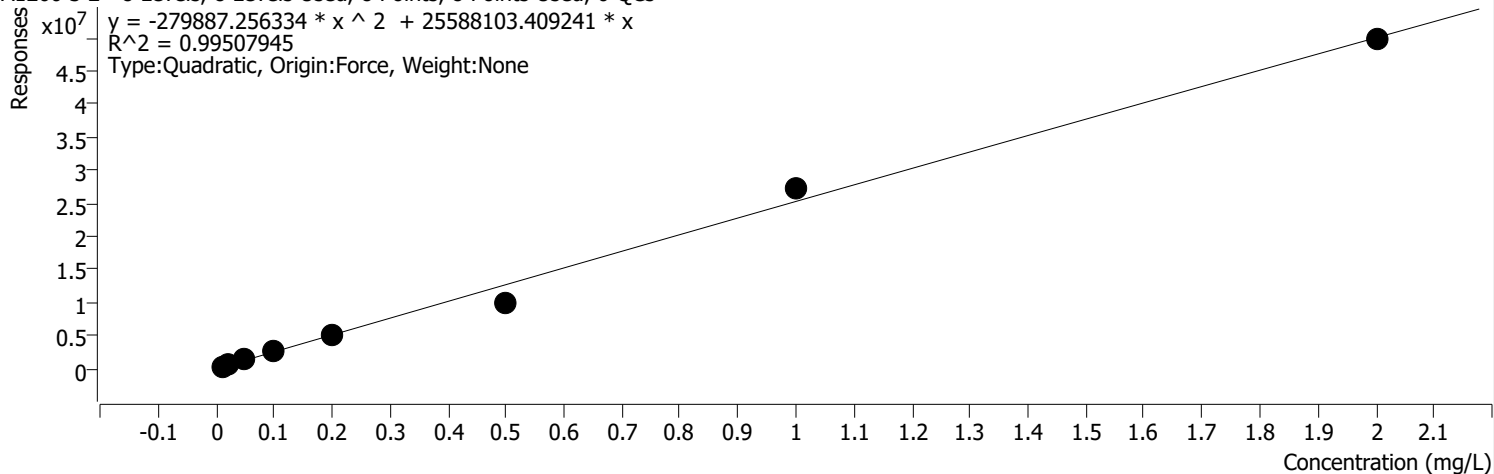
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2066107	0.0500	41322135 .1458	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3926987	0.1000	39269873 .5003	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	7205702	0.2000	36028510 .4123	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	14364097	0.5000	28728193 .1205	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	37782579	1.0000	37782579 .0219	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	68912200	2.0000	34456100 .1074	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 2 %RSE = 15.3

A1260 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



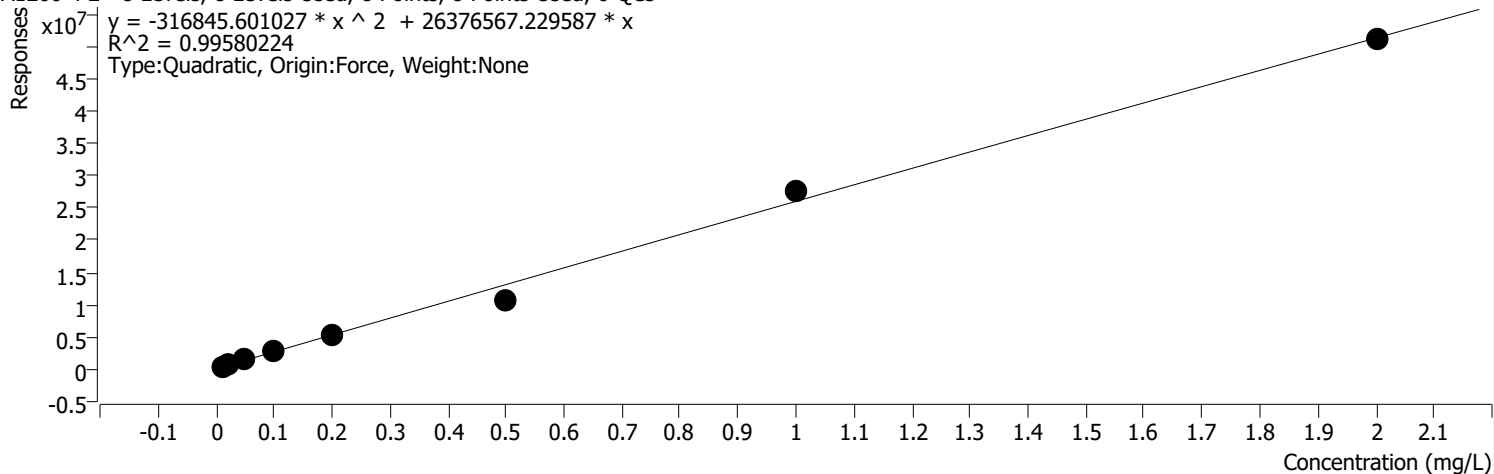
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	218689	0.0100	21868921 .5407	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	582796	0.0200	29139800 .4167	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1475327	0.0500	29506538 .8031	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2733900	0.1000	27339002 .8477	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5012189	0.2000	25060943 .9085	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10120336	0.5000	20240672 .6800	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27239902	1.0000	27239901 .6360	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49736839	2.0000	24868419 .4812	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 2 %RSE = 13.3

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



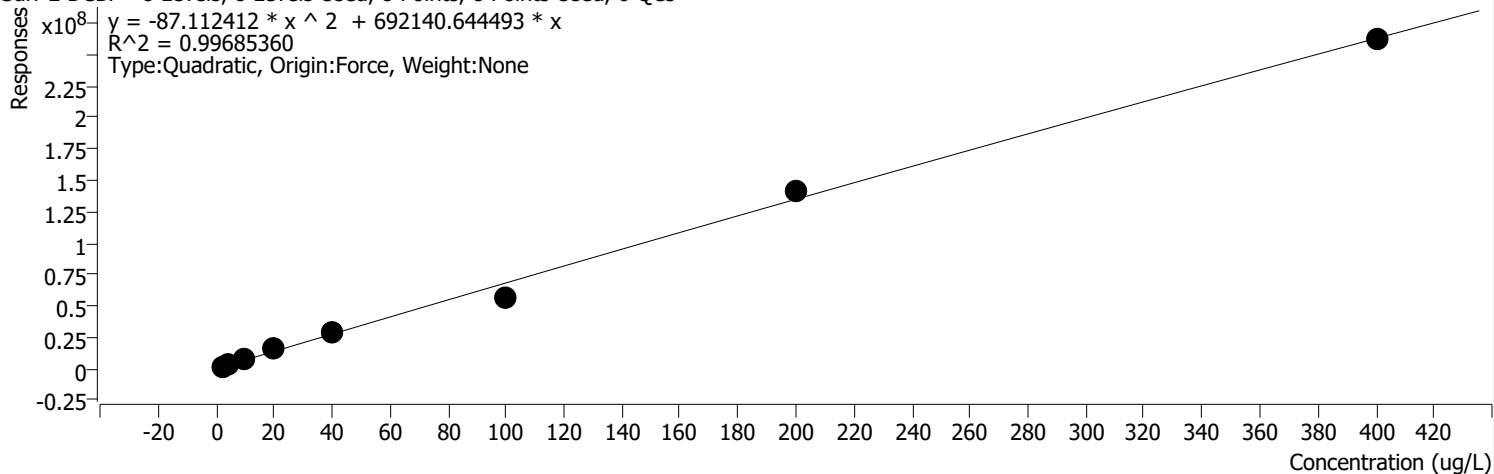
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	290302	0.0100	29030219 .7202	
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1479265	0.0500	29585308 .1386	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2824547	0.1000	28245474 .3750	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5389772	0.2000	26948857 .6444	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10601419	0.5000	21202838 .1398	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27839685	1.0000	27839685 .4125	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	51195635	2.0000	25597817 .4212	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE = 23.4

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



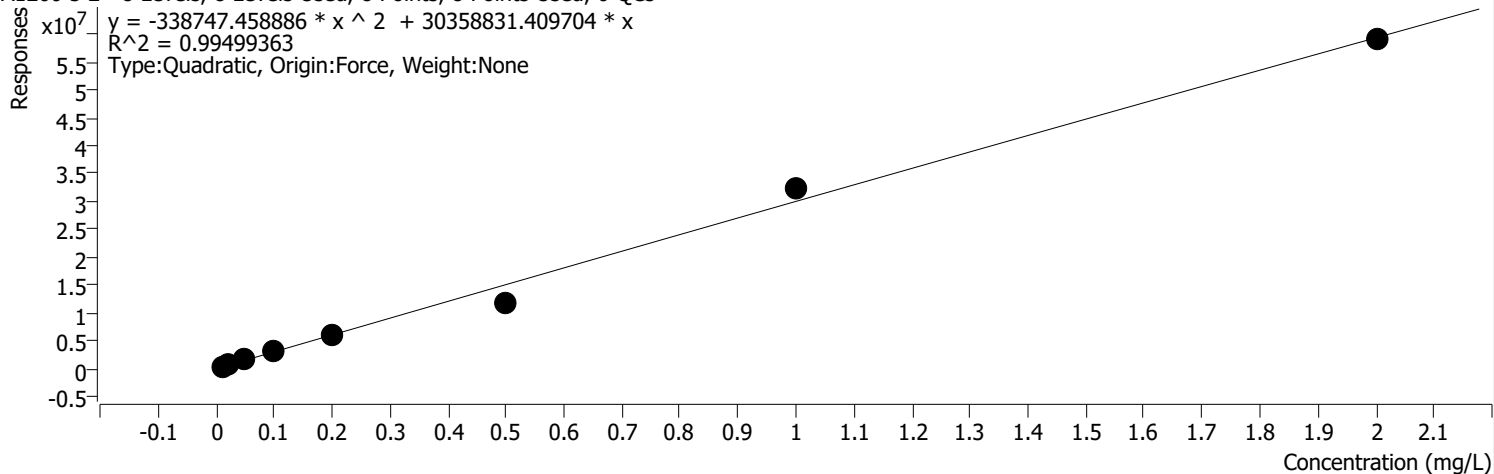
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1837032	2.0000	918516.1 245	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	3497929	4.0000	874482.2 268	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	8284029	10.0000	828402.8 780	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15955410	20.0000	797770.5 106	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	29060736	40.0000	726518.4 072	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	57209022	100.0000	572090.2 214	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	142169181	200.0000	710845.9 034	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	261786300	400.0000	654465.7 491	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin		
Analysis Time	11/18/2021 12:31 PM	Analyst Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Reporter Name	FA\GC1625
Last Calib Update	11/18/2021 12:31 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 5 2 %RSE = 12.1

A1260 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



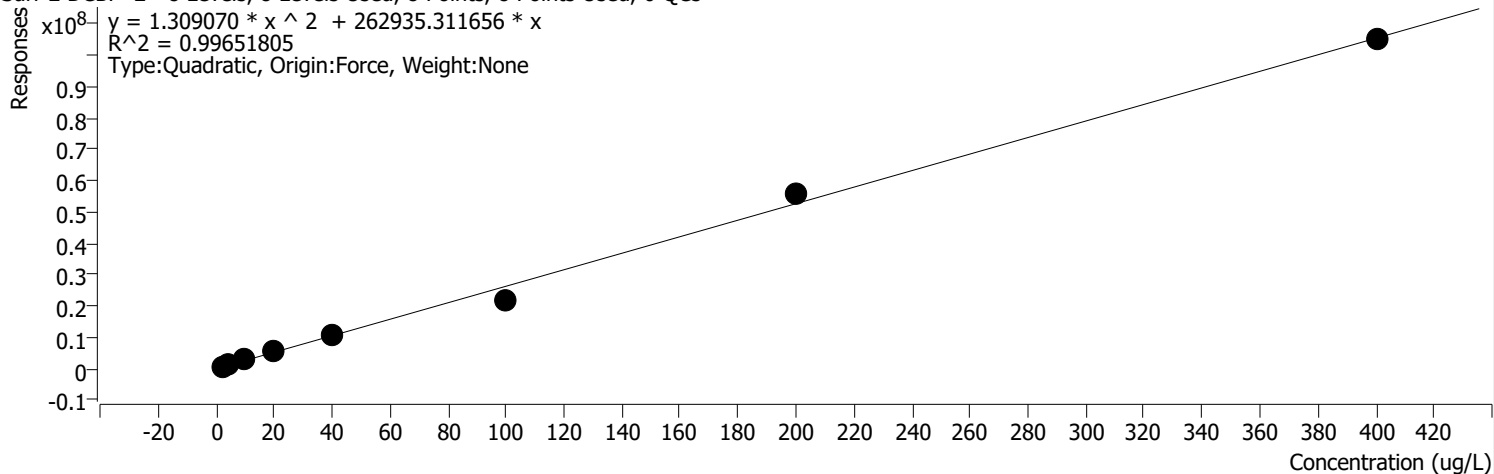
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	329058	0.0100	32905789 .2932	
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1655732	0.0500	33114637 .7603	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3238542	0.1000	32385424 .8452	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6000115	0.2000	30000573 .6052	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11969487	0.5000	23938973 .1120	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32330249	1.0000	32330248 .9179	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	58980434	2.0000	29490217 .0930	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE = 14.8

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1180748	4.0000	295186.9 240	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3033483	10.0000	303348.3 302	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5879991	20.0000	293999.5 624	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10568518	40.0000	264212.9 454	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21665223	100.0000	216652.2 290	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	55938835	200.0000	279694.1 773	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104846501	400.0000	262116.2 533	

PCB Calibration

+ 9270 ICAL

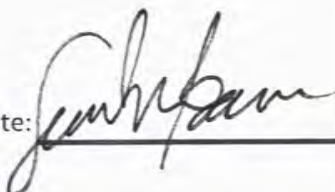
Date: 11/17/21
 Analyst: Sam Berman
 Hexane: 6023

Cal	ICV
Aroclor 1660: <u>25029</u>	Aroclor 1660: <u>24706</u>
Aroclor 1254: <u>23806</u>	Aroclor 1254: <u>24708</u>

Surrogate: 1L21: 20519 IS: 26161 1221: 25029 23016
26186 8/2 11/17/21

Spike Conc. (ppb)	Surr Conc. (ppb)	2° Spike (uL)	1° Spike (uL)	Surr (uL)	Remove (uL)	Final Vol. (mL)	Comments
10	2	5	--	--	5	1	
20	4	10	--	--	10	1	
50	10	25	--	--	25	1	
100	20	50	--	--	50	1	
200	40	100	--	--	100	1	
500	100	250	--	--	250	1	
1000	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>8/2 11/17/21</u>
2000	400	--	2 <u>0</u>	2 <u>0</u>	4 <u>22</u>	1	<u>8/2 11/17/21</u>
ICB	200	--	--	1 <u>0</u>	± <u>10</u>	1	<u>8/2 11/17/21</u>
ICV (1000 ppb)	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>8/2 11/17/21</u>

	1660 (uL)	1254 (uL)	Surr (uL)	Final Volume (mL)
2° Intermediate (1660)	2	--	2 <u>0</u>	1
2° Intermediate (1254)	--	2	2 <u>0</u>	1

Signature and Date:  11/17/21

DATA SET for Review -- Deliverable Requirements

Total Metals by EPA Method 6020B

Fremont Analytical Work Order No. 2112242

Shannon & Wilson

Project Name: 8801- Remediation

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information
- Tune Information

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\

Report Date/Time: Friday, December 17, 2021 13:00:39

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:50:38 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	WASH	08:56:13 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	BLANK	09:01:47 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	BLANK	09:07:21 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	BLANK	09:21:25 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	CAL BLK IS 25300	09:25:04 Thu	16-DBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	Standard 1	09:27:44 Thu	16-DStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	Standard 2	09:30:23 Thu	16-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	Standard 3	09:33:02 Thu	16-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	Standard 4	09:35:40 Thu	16-DStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	Standard 5	09:38:19 Thu	16-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	Standard 6	09:40:58 Thu	16-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	Standard 7	09:43:37 Thu	16-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	Standard 8	09:46:16 Thu	16-DStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	WASH	09:48:56 Thu	16-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	ICB	09:51:35 Thu	16-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	ICV	09:54:13 Thu	16-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
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	ICSA	10:09:04 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	WASH	10:11:43 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	WASH	10:14:23 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	MB-34744	10:20:14 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	LCS-34744	10:22:53 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-006A	10:25:32 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-006ADUP	10:28:11 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-006AMS	10:30:50 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112195-002C	10:33:30 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112114-001A 50X	10:36:10 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-001A	10:38:50 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-002A	10:41:28 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-003A	10:44:07 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	CCV	10:46:47 Thu	16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	CCB	10:49:26 Thu	16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	CCV	10:52:12 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	CCV	10:54:51 Thu	16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	CCB	10:57:30 Thu	16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-004A	11:02:33 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-005A	11:05:12 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-007A	11:07:51 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-008A	11:10:30 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-009A	11:13:09 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-010A	11:15:47 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-011A	11:18:26 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-012A	11:21:05 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112192-013A	11:23:44 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112193-001A	11:26:23 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	CCV	11:29:03 Thu	16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	CCB	11:31:42 Thu	16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112198-001A	11:35:38 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	
	2112203-001D	11:38:17 Thu	16-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121621eh\	

2112203-003B	11:40:56 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
WASH	11:43:35 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
MB-34759	11:46:15 Thu 16-DSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
LCS-34759	11:48:54 Thu 16-DSample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112208-001B	11:51:33 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112208-001BDUP	11:54:12 Thu 16-DSample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112208-001BMS	11:56:51 Thu 16-DSample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112225-001A 2X	11:59:30 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
CCV	12:02:09 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	12:04:48 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCV	12:06:48 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCV	12:09:27 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	12:12:07 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
wash	12:15:23 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CAL BLK IS 25300	12:18:02 Thu 16-DBlack	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 7	12:20:42 Thu 16-DStandard #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 8	12:23:21 Thu 16-DStandard #8	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
WASH	12:26:00 Thu 16-DQC Std #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
ICB	12:28:40 Thu 16-DQC Std #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
ICV	12:31:19 Thu 16-DQC Std #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
blank	12:33:58 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
MB-34759	12:42:36 Thu 16-DSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
LCS-34759	12:45:15 Thu 16-DSample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112208-001B	12:47:54 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112208-001BDUP	12:50:33 Thu 16-DSample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112208-001BMS	12:53:12 Thu 16-DSample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112225-001A 2X	12:55:50 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112196-001A	12:58:30 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112196-002A	13:01:09 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112196-003A	13:03:48 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112196-004A	13:06:27 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
CCV	13:09:07 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	13:11:46 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2112196-005A	13:14:30 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112196-006A	13:17:09 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112213-001D	13:19:48 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112219-001B	13:22:27 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112221-001A 2X	13:25:06 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112224-001C 2X	13:27:44 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112224-002C 2X	13:30:23 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112224-003C 2X	13:33:02 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112224-004C 2X	13:35:41 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112201-001A 2X	13:38:21 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
CCV	13:41:00 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	13:43:39 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
MB-34755FB	13:51:42 Thu 16-DSample	C:\Users\Public\DocumMBLK,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
MB-34783	13:54:21 Thu 16-DSample	C:\Users\Public\DocumMBLK,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
LCS-34783	13:57:00 Thu 16-DSample	C:\Users\Public\DocumLCS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112195-002D	13:59:39 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112195-002DDUP	14:02:18 Thu 16-DSample	C:\Users\Public\DocumDUP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112195-002DMS	14:04:57 Thu 16-DSample	C:\Users\Public\DocumMS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112195-002DMSD	14:07:36 Thu 16-DSample	C:\Users\Public\DocumMSD,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
CCV	14:10:15 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	14:12:55 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
LCS-34657	14:16:59 Thu 16-DSample	C:\Users\Public\DocumLCS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2111363-001E	14:21:30 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2111363-001EDUP	14:24:09 Thu 16-DSample	C:\Users\Public\DocumDUP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2111363-001EMS	14:26:49 Thu 16-DSample	C:\Users\Public\DocumMS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112050-001C	14:29:28 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
LCS-34743	14:32:07 Thu 16-DSample	C:\Users\Public\DocumLCS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216

2112163-001B	14:34:47 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2111363-002B	14:40:56 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112203-001D 5X	14:47:02 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112203-003B 5X	14:49:41 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
CCV	14:52:21 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	14:55:00 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
BLANK	15:04:33 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CAL BLK IS 25300	15:09:07 Thu 16-DBlank	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 1	15:14:42 Thu 16-DStandard #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 2	15:20:16 Thu 16-DStandard #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 3	15:25:50 Thu 16-DStandard #3	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 4	15:31:24 Thu 16-DStandard #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 5	15:36:58 Thu 16-DStandard #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 6	15:42:32 Thu 16-DStandard #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 7	15:48:06 Thu 16-DStandard #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 8	15:53:40 Thu 16-DStandard #8	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
WASH	15:59:15 Thu 16-DQC Std #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
ICB	16:04:49 Thu 16-DQC Std #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
ICV	16:10:23 Thu 16-DQC Std #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
BLANK	16:15:58 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
ICV	16:21:32 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
ICSA	16:27:07 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
WASH	16:32:41 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
WASH	16:38:16 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2112224-002C 20X	16:43:51 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112168-001A	16:49:26 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
LCS-34690	16:55:00 Thu 16-DSample	C:\Users\Public\DocumLCS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112046-004B 100X	17:00:35 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
CCV	17:06:10 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	17:11:44 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2112090-001B 100X	17:17:19 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112090-002B 100X	17:22:53 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112090-003B 100X	17:28:28 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112090-004B 100X	17:34:03 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
WASH	17:39:38 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
MB-34724	17:45:13 Thu 16-DSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
LCS-34724	17:50:47 Thu 16-DSample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112171-002A	17:56:21 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112171-002ADUP	18:01:55 Thu 16-DSample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112171-002AMS	18:07:29 Thu 16-DSample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
CCV	18:13:04 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	18:18:38 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2112171-001A	18:24:14 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112158-001A	18:29:47 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112158-002A	18:35:20 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112162-001E	18:40:55 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112163-001A	18:46:29 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112165-001A	18:52:02 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112166-006A	18:57:36 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112180-001A	19:03:11 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112180-006A	19:08:44 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112187-001B	19:14:18 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
CCV	19:19:53 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	19:25:28 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2112189-001A	19:31:03 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
WASH	19:36:38 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
MB-34767	19:42:13 Thu 16-DSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
LCS-34767	19:47:47 Thu 16-DSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-065A	19:53:21 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-065ADIL	19:58:55 Thu 16-DSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216

2112242-065AMS	20:04:29 Thu 16-DSample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-065AMSD	20:10:03 Thu 16-DSample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-065APDS	20:15:37 Thu 16-DSample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-054A	20:21:10 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
CCV	20:26:45 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	20:32:19 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2112242-055A	20:37:54 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-064A	20:43:28 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-076A	20:49:02 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-077A	20:54:36 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112186-001A	21:00:10 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112206-001A	21:05:44 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112207-001A	21:11:18 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112207-002A	21:16:52 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112207-003A	21:22:26 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112218-001A	21:28:00 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
CCV	21:33:34 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	21:39:09 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2112218-007A	21:44:44 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112218-011A	21:50:18 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112218-013A	21:55:52 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112218-016A	22:01:26 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112218-017A	22:07:00 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112239-001A	22:12:33 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112239-002A	22:18:07 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112239-003A	22:23:41 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
WASH	22:29:16 Thu 16-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
MB-34782FB	22:34:51 Thu 16-DSample	C:\Users\Public\DocumMBLK,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
CCV	22:40:25 Thu 16-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	22:46:00 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
MB-34783	22:51:35 Thu 16-DSample	C:\Users\Public\DocumMBLK,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
LCS-34783	22:57:09 Thu 16-DSample	C:\Users\Public\DocumLCS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112195-002D	23:02:43 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112195-002DDUP	23:08:17 Thu 16-DSample	C:\Users\Public\DocumDUP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112195-002DMS	23:13:51 Thu 16-DSample	C:\Users\Public\DocumMS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112220-001G	23:19:26 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112224-001D	23:24:59 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112224-002D	23:30:33 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112224-003D	23:36:07 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112224-004D	23:41:41 Thu 16-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
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CCB	23:52:51 Thu 16-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
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2112259-001C	00:09:33 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112260-001B	00:15:07 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112260-002B	00:20:41 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
2112260-003B	00:26:15 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1216
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2112051-007A 50X	00:37:24 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
WASH	00:42:59 Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
MB-34781	00:48:34 Fri 17-DeSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
CCV	00:54:09 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	00:59:43 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
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2112244-001A	01:10:52 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112244-001ADUP	01:16:26 Fri 17-DeSample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112244-001AMS	01:22:00 Fri 17-DeSample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112220-002E	01:27:33 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112220-001E	01:33:07 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216

2112220-003E	01:38:41	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112220-004E	01:44:15	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112235-001B	01:49:49	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112237-001C	01:55:23	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
CCV	02:00:59	Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	02:06:33	Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2112238-001C	02:12:08	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112244-002A	02:17:42	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112246-001C	02:23:16	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112246-002C	02:28:50	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112247-001A	02:34:24	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112247-002A	02:39:58	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112247-003A	02:45:32	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112248-001A	02:51:06	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112260-001A	02:56:40	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112260-002A	03:02:14	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
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CCB	03:13:23	Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2112260-003A	03:18:58	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112264-001A	03:24:32	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
2112265-001A	03:30:06	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1216
CCV	03:35:41	Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	03:41:16	Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2%	03:46:50	Fri 17-DeQC Std #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
DI	03:52:24	Fri 17-DeQC Std #8	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
WASH	08:39:00	Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
WASH	08:44:34	Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
NEW 2%	08:50:09	Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
NEW 2%	08:55:43	Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
BLANK	09:04:43	Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CAL BLK IS 25300	09:06:53	Fri 17-DeBlank	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 2	09:08:04	Fri 17-DeStandard #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 5	09:09:14	Fri 17-DeStandard #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 6	09:10:24	Fri 17-DeStandard #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
Standard 7	09:11:34	Fri 17-DeStandard #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
WASH	09:12:45	Fri 17-DeQC Std #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
ICB	09:13:55	Fri 17-DeQC Std #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
ICV	09:15:05	Fri 17-DeQC Std #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
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WASH	09:21:01	Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
WSH	09:22:11	Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
MB-34760	09:25:40	Fri 17-DeSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
LCS-34760	09:26:50	Fri 17-DeSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-002A	09:27:59	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-002ADIL	09:29:10	Fri 17-DeSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-002AMS	09:30:20	Fri 17-DeSample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-002AMSD	09:31:30	Fri 17-DeSample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-002APDS	09:32:39	Fri 17-DeSample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-001A	09:33:50	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-003A	09:35:00	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-004A	09:36:11	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
CCV	09:37:21	Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	09:38:32	Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2112242-005A	09:39:52	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-006A	09:41:02	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-007A	09:42:12	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-008A	09:43:22	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-009A	09:44:32	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-023A	09:45:41	Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216

2112242-024A	09:46:51 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
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2112242-026A	09:49:11 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-027A	09:50:21 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
CCV	09:51:31 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	09:52:42 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
2112242-034A	09:57:02 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-035A	09:58:12 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-036A	09:59:22 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-037A	10:00:32 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-038A	10:01:42 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
2112242-048A	10:02:51 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
CCV	10:04:02 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
CCB	10:05:12 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
LDR	10:09:14 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1216
BLANK	10:16:21 Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216
BLANK	10:19:00 Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1216

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121721eh\

Report Date/Time: Friday, December 17, 2021 13:31:04

The Dataset

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	2112242-007A	10:37:26 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-023A	10:38:35 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-024A	10:39:45 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-034A	10:40:55 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-035A	10:42:05 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-036A	10:43:14 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-037A	10:44:24 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-038A	10:45:34 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-048A	10:46:43 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	CCV	10:47:54 Fri	17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	CCB	10:49:05 Fri	17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	BLANK	10:52:17 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	BLANK	10:54:56 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	CAL BLK IS 25300	11:02:01 Fri	17-DeBlank	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 1	11:04:40 Fri	17-DeStandard #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 2	11:07:19 Fri	17-DeStandard #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 3	11:09:58 Fri	17-DeStandard #3	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 4	11:12:37 Fri	17-DeStandard #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 5	11:15:16 Fri	17-DeStandard #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 6	11:17:54 Fri	17-DeStandard #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 7	11:20:33 Fri	17-DeStandard #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 8	11:23:12 Fri	17-DeStandard #8	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	WASH	11:25:52 Fri	17-DeQC Std #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	ICB	11:28:31 Fri	17-DeQC Std #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	ICV	11:31:10 Fri	17-DeQC Std #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	BLANK	11:33:49 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	ICSA	11:43:17 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	WASH	11:45:57 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	WASH	11:48:36 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	MB-34724	12:02:15 Fri	17-DeSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	LCS-34724	12:04:54 Fri	17-DeSample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112171-002A	12:07:33 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112171-002ADUP	12:10:11 Fri	17-DeSample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112171-001A	12:12:50 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112158-001A 20X	12:15:29 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112158-002A 10X	12:18:08 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112162-001E	12:20:47 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112163-001A 10X	12:23:26 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112163-001A	12:26:05 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	CCV	12:28:44 Fri	17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	CCB	12:31:24 Fri	17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	2112165-001A	12:34:49 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112166-006A	12:37:28 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112180-001A	12:40:07 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112180-006A	12:42:46 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112187-001B	12:45:25 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112189-001A	12:48:03 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	WASH	12:50:43 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217

MB-34767	12:53:23 Fri 17-DeSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
LCS-34767	12:56:02 Fri 17-DeSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112242-065A 5X	12:58:41 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
CCV	13:01:21 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCB	13:04:00 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
2112242-054A 100X	13:06:39 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112242-055A 100X	13:09:18 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112242-064A 100X	13:11:57 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112242-077A 100X	13:14:36 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112186-001A 10X	13:17:15 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112186-001A	13:19:54 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112206-001A	13:22:33 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112207-001A	13:25:11 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112207-002A	13:27:50 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\

Report Date/Time: Wednesday, December 22, 2021 10:03:29

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:19:40 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	WASH	08:23:19 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	BLANK	08:25:58 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	BLANK	08:28:37 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	CAL BLK IS 25300	08:31:16 Wed	22-[Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	CAL BLK IS 25300	08:32:38 Wed	22-[Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	Standard 2	08:33:52 Wed	22-[Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	Standard 3	08:35:07 Wed	22-[Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	Standard 5	08:36:21 Wed	22-[Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	Standard 6	08:37:36 Wed	22-[Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	Standard 7	08:38:50 Wed	22-[Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	WASH	08:40:05 Wed	22-[QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	ICB	08:41:20 Wed	22-[QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	ICV	08:42:34 Wed	22-[QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	BLANK	08:43:49 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	ICSA	08:51:02 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	WASH	08:52:17 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	WASH	08:53:32 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	MB-34811	08:55:35 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	LCS-34811	08:56:50 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-040A	08:58:04 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-040ADIL	08:59:19 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-040AMS	09:00:33 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-040AMSD	09:01:48 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-040APDS	09:03:03 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-011A	09:04:17 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-028A	09:05:32 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-049A	09:06:46 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	CCV	09:08:01 Wed	22-[QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	CCB	09:09:16 Wed	22-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-057A	09:11:21 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-066A	09:12:36 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-078A	09:13:50 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112277-034A	09:15:05 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112277-035A	09:16:20 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112277-036A	09:17:35 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112277-037A	09:18:49 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112277-038A	09:20:04 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112277-039A	09:21:18 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112277-040A	09:22:33 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	CCV	09:23:48 Wed	22-[QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	CCB	09:25:03 Wed	22-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112277-043A	09:27:30 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112277-044A	09:28:44 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112318-001A	09:29:59 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	LDR	09:31:14 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	CCV	09:32:29 Wed	22-[QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	CCB	09:33:45 Wed	22-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-040A	09:53:07 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	
	2112242-028A	09:54:22 Wed	22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\	

2112242-049A	09:55:37 Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
2112277-043A	09:56:52 Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
2112277-044A	09:58:06 Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
2112318-001A	09:59:21 Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
CCV	10:00:36 Wed 22-[QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1222
CCB	10:01:51 Wed 22-[QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1222

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122321eh\

Report Date/Time: Thursday, December 23, 2021 09:46:37

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	NEW 2%	08:17:35 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	NEW 2%	08:23:10 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	BLANK	08:44:32 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	CAL BLK IS 25300	08:46:42 Thu	23-DBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 2	08:47:52 Thu	23-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 5	08:49:02 Thu	23-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 6	08:50:12 Thu	23-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 7	08:51:22 Thu	23-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	WASH	08:52:32 Thu	23-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	ICB	08:53:42 Thu	23-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	ICV	08:54:52 Thu	23-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	BLANK	08:56:02 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	ICSA	09:03:41 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	WASH	09:04:51 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	WASH	09:06:02 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	MB-34838	09:14:16 Thu	23-DSample	C:\Users\Public\DocumMBLK,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	LCS-34838	09:15:26 Thu	23-DSample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-085A	09:16:37 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-085ADIL	09:17:46 Thu	23-DSample	C:\Users\Public\DocumSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-085AMS	09:18:56 Thu	23-DSample	C:\Users\Public\DocumMS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-085AMSD	09:20:07 Thu	23-DSample	C:\Users\Public\DocumMSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-085APDS	09:21:17 Thu	23-DSample	C:\Users\Public\DocumPDS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-084A	09:22:26 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112277-051A	09:23:36 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112277-053A	09:24:46 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	CCV	09:25:56 Thu	23-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	CCB	09:27:07 Thu	23-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
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	2112321-032A	09:29:40 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112321-033A	09:30:50 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
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	CCB	09:33:11 Thu	23-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122721eh\

Report Date/Time: Monday, December 27, 2021 14:24:22

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:58:55 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	WSAH	09:02:34 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	WASH	09:05:13 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	BLANK	09:07:53 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	CAL BLK IS 18930	09:12:07 Mon 27	-LBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	500 ug Si	09:14:19 Mon 27	-LStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	1000 ug Si	09:15:31 Mon 27	-LStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	5000 ug Si	09:16:42 Mon 27	-LStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	10000 ug Si	09:17:54 Mon 27	-LStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	20000 ug Si	09:19:07 Mon 27	-LStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	WASH	09:20:20 Mon 27	-LQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	ICB	09:21:31 Mon 27	-LQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	ICV	09:22:43 Mon 27	-LQC Std #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
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	ICV	09:31:41 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	ICV	09:32:52 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	MB-34863	09:34:26 Mon 27	-LSample	C:\Users\Public\DocumMBLK,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1227	
	LCS-34863	09:35:37 Mon 27	-LSample	C:\Users\Public\DocumLCS,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1227	
	LCSD-34863	09:36:49 Mon 27	-LSample	C:\Users\Public\DocumLCSD,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1227	
	2110010-030C	09:38:01 Mon 27	-LSample	C:\Users\Public\DocumSAMP,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1227	
	MB-34863	09:40:05 Mon 27	-LSample	C:\Users\Public\DocumMBLK,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1227	
	LCS-34863	09:41:16 Mon 27	-LSample	C:\Users\Public\DocumLCS,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1227	
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CCV	12:06:24 Mon 27-[Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
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Standard 2	12:15:18 Mon 27-[Standard #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
Standard 3	12:16:33 Mon 27-[Standard #3	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
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CCB	12:56:07 Mon 27-[QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
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Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122821eh\

Report Date/Time: Wednesday, December 29, 2021 07:11:05

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	500 ug Si	08:41:14 Tue	28-DStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	1000 ug Si	08:42:26 Tue	28-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	5000 ug Si	08:43:38 Tue	28-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	10000 ug Si	08:44:49 Tue	28-DStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	20000 ug Si	08:46:01 Tue	28-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
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	ICV	08:49:38 Tue	28-DQC Std #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	WASH	08:50:51 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
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	LCS-34863	09:06:58 Tue	28-DSample	C:\Users\Public\DocumLCS,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1228	
	LCSD-34863	09:08:10 Tue	28-DSample	C:\Users\Public\DocumLCSD,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1228	
	2110010-030C	09:09:22 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1228	
	2110010-031C	09:10:33 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1228	
	LOD	09:11:45 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1228	
	CCV	09:12:58 Tue	28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	CCB	09:14:10 Tue	28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	BLANK	09:16:21 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	WASH	09:23:17 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	WASH	09:25:25 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	CAL BLK IS 25300	09:27:33 Tue	28-DBLank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 1	09:29:41 Tue	28-DStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 2	09:31:49 Tue	28-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 3	09:33:57 Tue	28-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 4	09:36:04 Tue	28-DStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 5	09:38:12 Tue	28-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 6	09:40:20 Tue	28-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 7	09:42:28 Tue	28-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 8	09:44:36 Tue	28-DStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	WASH	09:46:45 Tue	28-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	ICB	09:48:53 Tue	28-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	ICV	09:51:01 Tue	28-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	BLANK	09:53:09 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	WASH	09:59:27 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	MB-34866	10:01:36 Tue	28-DSample	C:\Users\Public\DocumMBLK,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	LCS-34866	10:03:44 Tue	28-DSample	C:\Users\Public\DocumLCS,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-019A	10:05:51 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-019ADUP	10:07:59 Tue	28-DSample	C:\Users\Public\DocumDUP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-019AMS	10:10:07 Tue	28-DSample	C:\Users\Public\DocumMS,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-019AMSD	10:12:15 Tue	28-DSample	C:\Users\Public\DocumMSD,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-017A	10:14:23 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-018A	10:16:30 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-020A	10:18:38 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-021A	10:20:46 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	CCV	10:22:55 Tue	28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	CCB	10:25:03 Tue	28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	2112349-022A	10:31:00 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	

2112349-023A	10:33:08 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-024A	10:35:16 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-025A	10:37:24 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-026A	10:39:32 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-027A	10:41:40 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-028A	10:43:48 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-029A	10:45:56 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-030A	10:48:04 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-031A	10:50:11 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
CCV	10:52:20 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CCB	10:54:28 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CCB	10:57:31 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
WASH	11:00:43 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
blank	11:02:51 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CAL BLK IS 25300	11:05:00 Tue 28-DBlack	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 7	11:07:08 Tue 28-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 8	11:09:16 Tue 28-DStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
WASH	11:11:25 Tue 28-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICB	11:13:33 Tue 28-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICV	11:20:14 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICV	11:23:02 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
WASH	11:25:56 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
BLANK	11:28:05 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CAL BLK IS 25300	11:30:13 Tue 28-DBlack	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 1	11:32:21 Tue 28-DStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 2	11:34:29 Tue 28-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 3	11:36:37 Tue 28-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 4	11:38:45 Tue 28-DStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 5	11:40:53 Tue 28-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 6	11:43:01 Tue 28-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 7	11:45:09 Tue 28-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 8	11:47:17 Tue 28-DStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
WASH	11:49:26 Tue 28-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICB	11:51:34 Tue 28-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICV	11:53:43 Tue 28-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
BLANK	11:55:51 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICV	12:02:15 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
2112349-022A	12:11:40 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-023A	12:13:48 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-024A	12:15:56 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-025A	12:18:04 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-026A	12:20:12 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-027A	12:22:20 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-028A	12:24:29 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-029A	12:26:37 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-030A	12:28:45 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-031A	12:30:54 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
CCV	12:33:02 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CCB	12:35:10 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
2112349-032A	13:00:23 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-033A	13:02:31 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-034A	13:04:39 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112391-001A	13:06:47 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2110010-031A	13:08:55 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2110010-031A	13:11:03 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112386-011A	13:13:12 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
CCV	13:15:21 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CCB	13:17:29 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
BLANK	13:21:24 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CAL BLK IS 25300	13:25:03 Tue 28-DBlack	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	

Standard 1	13:27:42 Tue 28-D	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 2	13:30:21 Tue 28-D	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 3	13:33:00 Tue 28-D	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 4	13:35:39 Tue 28-D	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 5	13:38:18 Tue 28-D	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 6	13:40:57 Tue 28-D	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 7	13:43:36 Tue 28-D	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 8	13:46:15 Tue 28-D	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
WASH	13:48:55 Tue 28-D	QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
ICB	13:51:34 Tue 28-D	QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
ICV	13:54:13 Tue 28-D	QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
BLANK	13:56:52 Tue 28-D	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
ICSA	14:06:37 Tue 28-D	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
WASH	14:09:16 Tue 28-D	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
WASH	14:11:56 Tue 28-D	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
MB-34854	14:14:36 Tue 28-D	Sample	C:\Users\Public\DocumMBLK,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
LCS-34854	14:17:15 Tue 28-D	Sample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-029A 10X	14:19:55 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-029ADIL 50X	14:22:35 Tue 28-D	Sample	C:\Users\Public\DocumSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-029AMS 10X	14:25:15 Tue 28-D	Sample	C:\Users\Public\DocumMS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-029AMSD 10X	14:27:54 Tue 28-D	Sample	C:\Users\Public\DocumMSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-029APDS	14:30:33 Tue 28-D	Sample	C:\Users\Public\DocumPDS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2111310-001A	14:33:13 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
CCV	14:35:53 Tue 28-D	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
CCB	14:38:34 Tue 28-D	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
MB-34876	14:41:22 Tue 28-D	Sample	C:\Users\Public\DocumMBLK,M-TCLP . gistix\ICPMS\DataSet\Dec2021\1228
LCS-34876	14:44:01 Tue 28-D	Sample	C:\Users\Public\DocumLCS,M-TCLP . gistix\ICPMS\DataSet\Dec2021\1228
2112408-001A	14:46:40 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-TCLP . gistix\ICPMS\DataSet\Dec2021\1228
2112408-001ADUP	14:49:18 Tue 28-D	Sample	C:\Users\Public\DocumDUP,M-TCLP . gistix\ICPMS\DataSet\Dec2021\1228
2112408-001AMS	14:51:57 Tue 28-D	Sample	C:\Users\Public\DocumMS,M-TCLP . gistix\ICPMS\DataSet\Dec2021\1228
2112408-001AMSD	14:54:37 Tue 28-D	Sample	C:\Users\Public\DocumMSD,M-TCLP . gistix\ICPMS\DataSet\Dec2021\1228
2111310-001A	14:57:15 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-TCLP . gistix\ICPMS\DataSet\Dec2021\1228
2111310-001A 10X	14:59:54 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
CCV	15:02:34 Tue 28-D	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
CCB	15:05:14 Tue 28-D	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
2112206-001A	15:08:25 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-TCLP . gistix\ICPMS\DataSet\Dec2021\1228
2112206-001AMS	15:11:03 Tue 28-D	Sample	C:\Users\Public\DocumMS,M-TCLP . gistix\ICPMS\DataSet\Dec2021\1228
MB2-34876	15:13:42 Tue 28-D	Sample	C:\Users\Public\DocumMBLK,M-TCLP . gistix\ICPMS\DataSet\Dec2021\1228
WASH	15:16:21 Tue 28-D	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
MB-34875	15:19:00 Tue 28-D	Sample	C:\Users\Public\DocumMBLK,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
LCS-34875	15:21:39 Tue 28-D	Sample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-013A	15:24:18 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-013ADIL	15:26:57 Tue 28-D	Sample	C:\Users\Public\DocumSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-013AMS	15:29:37 Tue 28-D	Sample	C:\Users\Public\DocumMS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-013AMSD	15:32:16 Tue 28-D	Sample	C:\Users\Public\DocumMSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
CCV	15:34:56 Tue 28-D	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
CCB	15:37:35 Tue 28-D	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
2112242-013APDS	15:40:15 Tue 28-D	Sample	C:\Users\Public\DocumPDS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-030A	15:42:54 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-042A	15:45:34 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-051A	15:48:12 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-059A	15:50:51 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112242-069A	15:53:31 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112277-017A	15:56:11 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112277-018A	15:58:50 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112277-041A	16:01:29 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
2112277-042A	16:04:08 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228
CCV	16:06:48 Tue 28-D	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
CCB	16:09:28 Tue 28-D	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
2112277-046A	16:12:08 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1228

2112277-052A	16:14:47 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-004A	16:17:27 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-007A	16:20:06 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-013A	16:22:45 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-019A	16:25:24 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-022A	16:28:04 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-025A	16:30:43 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-026A	16:33:22 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
WASH	16:36:02 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Dec2021\1228
CCV	16:38:41 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Dec2021\1228
CCB	16:41:21 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Dec2021\1228
MB-34878FB	16:44:01 Tue 28-DSample	C:\Users\Public\DocumMBLK,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
MB-34878	16:46:40 Tue 28-DSample	C:\Users\Public\DocumMBLK,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
LCS-34878	16:49:20 Tue 28-DSample	C:\Users\Public\DocumLCS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112423-015F	16:51:59 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112423-015FDUP	16:54:37 Tue 28-DSample	C:\Users\Public\DocumDUP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112423-015FMS	16:57:15 Tue 28-DSample	C:\Users\Public\DocumMS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112423-015FMSD	16:59:55 Tue 28-DSample	C:\Users\Public\DocumMSD,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2110010-030D	17:02:34 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2110010-030D	17:05:14 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112423-018F	17:07:54 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
CCV	17:10:33 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Dec2021\1228
CCB	17:13:13 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Dec2021\1228
2112423-029F	17:15:52 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112370-001B	17:18:31 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112370-002B	17:21:10 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112400-001C	17:23:49 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112400-002C	17:26:28 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112400-003C	17:29:08 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
CCV	17:31:47 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Dec2021\1228
CCB	17:34:27 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Dec2021\1228
2%	17:37:06 Tue 28-DQC Std #7	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Dec2021\1228
DI	17:39:45 Tue 28-DQC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Dec2021\1228

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\

Report Date/Time: Tuesday, January 04, 2022 13:10:22

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	good di	09:47:15 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:50:55 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:53:34 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:56:14 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:58:53 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	10:01:33 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	new 2%	10:08:02 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	BLANK	10:13:08 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CAL BLK IS 25300	10:15:47 Tue	04-J:Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 1	10:18:26 Tue	04-J:Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 2	10:21:05 Tue	04-J:Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 3	10:23:44 Tue	04-J:Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 4	10:26:23 Tue	04-J:Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 5	10:29:02 Tue	04-J:Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 6	10:31:41 Tue	04-J:Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 7	10:34:19 Tue	04-J:Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 8	10:36:58 Tue	04-J:Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	10:39:38 Tue	04-J:QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	ICB	10:42:17 Tue	04-J:QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	ICV	10:44:56 Tue	04-J:QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	BLANK	10:47:35 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	ICSA	10:53:00 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	10:55:40 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	10:58:19 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	MB-34919	11:00:58 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	LCS-34919	11:03:37 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112447-001A	11:06:16 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112447-001ADUP	11:08:55 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112447-001AMS	11:11:34 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112448-001A 10X	11:14:13 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112448-002A 10X	11:16:52 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112449-001A 10X	11:19:30 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112449-002A 10X	11:22:09 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112450-001A 5X	11:24:48 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	11:27:28 Tue	04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCB	11:30:07 Tue	04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	11:35:38 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	11:38:18 Tue	04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCB	11:40:57 Tue	04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	11:44:43 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	MB-34921	11:47:23 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	LCS-34921	11:50:02 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060A	11:52:41 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060ADIL	11:55:20 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060AMS	11:57:58 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060AMSD	12:00:37 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060APDS	12:03:16 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-043A	12:05:55 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-052A	12:08:34 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	12:11:13 Tue	04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	

CCB	12:13:53 Tue 04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
2112242-070A	12:17:12 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112277-054A	12:19:51 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112301-063A	12:22:30 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112301-064A	12:25:09 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-001A	12:27:48 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-002A	12:30:27 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-003A	12:33:06 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112195-002D	12:35:45 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01042
CCV	12:38:24 Tue 04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
CCB	12:41:04 Tue 04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
2112277-054A	12:51:37 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112301-063A	12:54:17 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-002A	12:56:56 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112242-060A	12:59:36 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
CCV	13:02:16 Tue 04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
CCB	13:04:55 Tue 04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\

Report Date/Time: Friday, January 07, 2022 07:45:27

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:28:26	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	08:30:34	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	NEW 2%	08:32:43	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	NEW 2%	08:34:51	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	NEW 2%	08:39:23	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CAL BLK IS 25300	08:41:31	Thu 06-J:Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 1	08:43:39	Thu 06-J:Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 2	08:45:47	Thu 06-J:Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 3	08:47:55	Thu 06-J:Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 4	08:50:02	Thu 06-J:Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 5	08:52:10	Thu 06-J:Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 6	08:54:19	Thu 06-J:Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 7	08:56:27	Thu 06-J:Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 8	08:58:35	Thu 06-J:Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	09:00:44	Thu 06-J:QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	ICB	09:02:53	Thu 06-J:QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	ICV	09:05:01	Thu 06-J:QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	09:07:09	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	MB-34940	09:16:42	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	LCS-34940	09:18:50	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112385-004A	09:20:59	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112385-004ADUP	09:23:07	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112385-004AMS	09:25:15	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112385-004AMSD	09:27:23	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112386-008A	09:29:31	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112386-010A	09:31:40	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112387-002A	09:33:48	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112389-004A	09:35:55	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CCV	09:38:04	Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CCB	09:40:11	Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112451-001A	09:46:41	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CCV	09:48:50	Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CCB	09:50:59	Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	BLANK	11:11:59	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CAL BLK IS 25300	11:15:38	Thu 06-J:Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 1	11:18:17	Thu 06-J:Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 2	11:20:56	Thu 06-J:Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 3	11:23:34	Thu 06-J:Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 4	11:26:13	Thu 06-J:Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 5	11:28:52	Thu 06-J:Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 6	11:31:31	Thu 06-J:Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 7	11:34:10	Thu 06-J:Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 8	11:36:49	Thu 06-J:Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	11:39:29	Thu 06-J:QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	ICB	11:42:07	Thu 06-J:QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	ICV	11:44:46	Thu 06-J:QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	BLANK	11:47:25	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	ICSA	11:59:24	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	12:02:04	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	12:04:43	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	

MB-34949	12:09:32 Thu 06-J:Sample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
LCS-34949	12:12:11 Thu 06-J:Sample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-053A	12:14:49 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-053ADIL	12:17:28 Thu 06-J:Sample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-053AMS	12:20:07 Thu 06-J:Sample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-053AMSD	12:22:46 Thu 06-J:Sample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-053APDS	12:25:25 Thu 06-J:Sample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201033-001A	12:28:05 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201033-002A	12:30:44 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-044A	12:33:23 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
CCV	12:36:03 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	12:38:42 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
2112242-061A	12:51:43 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-071A	12:54:22 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112301-029A	12:57:01 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112301-030A	12:59:40 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112301-052A	13:02:19 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112301-053A	13:04:57 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112301-057A	13:07:36 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201008-001A	13:10:15 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201019-001A	13:12:54 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201039-001A	13:16:18 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
CCV	13:18:58 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	13:21:39 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	13:24:20 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	13:26:39 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	13:33:12 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	13:35:52 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	13:38:31 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
2201039-002A	13:41:22 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201039-003A	13:44:00 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201039-004A	13:46:39 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
WASH	13:49:19 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
MB-34951	13:51:59 Thu 06-J:Sample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
LCS-34951	13:54:38 Thu 06-J:Sample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201026-001D	13:57:16 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201026-001DDUP	13:59:55 Thu 06-J:Sample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201026-001DMS	14:02:34 Thu 06-J:Sample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-001A 2X	14:05:13 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
CCV	14:07:53 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	14:10:32 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	14:11:47 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	14:14:27 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	14:17:06 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
2201018-002A	14:22:21 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-003A	14:24:59 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-004A	14:27:38 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-005A	14:30:17 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-006A	14:32:56 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-007A	14:35:35 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-008A	14:38:14 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-009A	14:40:53 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201025-001D 2X	14:43:32 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201025-003B 2X	14:46:11 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
CCV	14:48:51 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	14:51:30 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	14:56:53 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
2201030-001E	15:03:18 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201031-001A	15:05:57 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201032-001A	15:08:36 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062

2201032-002A	15:11:30 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T _ gistix\ICPMS\DataSet\Jan2022\01062
2201035-001E 5X	15:14:09 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T _ gistix\ICPMS\DataSet\Jan2022\01062
2201009-001A	15:16:47 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T _ gistix\ICPMS\DataSet\Jan2022\01062
CCV	15:19:27 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	15:22:06 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01062
DI	15:27:02 Thu 06-J:QC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01062

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\

Report Date/Time: Tuesday, January 11, 2022 14:27:20

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	09:35:30 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	09:39:10 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	09:41:49 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	blank	09:54:21 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	blank	09:57:00 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CAL BLK IS 25300	10:42:57 Tue 11-J	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 1	10:45:37 Tue 11-J	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 2	10:48:16 Tue 11-J	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 3	10:50:55 Tue 11-J	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 4	10:53:34 Tue 11-J	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 5	10:56:13 Tue 11-J	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 6	10:58:51 Tue 11-J	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 7	11:01:30 Tue 11-J	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 8	11:04:09 Tue 11-J	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:06:49 Tue 11-J	QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	ICB	11:09:28 Tue 11-J	QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	ICV	11:12:08 Tue 11-J	QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:14:47 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	ICSA	11:30:39 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:33:19 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:35:58 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	MB-34980	11:44:44 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	LCS-34980	11:47:23 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001A	11:50:01 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001ADIL	11:52:40 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001AMS	11:55:19 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001AMSD	11:57:58 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001APDS	12:00:37 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-001A	12:03:17 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-002A	12:05:56 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-003A	12:08:34 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:11:14 Tue 11-J	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCB	12:13:53 Tue 11-J	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-004A	12:23:09 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-005A	12:25:48 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-006A	12:28:27 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-007A	12:31:06 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	12:33:46 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	MB-34990	12:36:25 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	LCS-34990	12:39:04 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201098-001C	12:41:43 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201098-001CDUP	12:44:22 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201098-001CMS	12:47:01 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:49:41 Tue 11-J	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:53:13 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:55:52 Tue 11-J	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCB	12:58:31 Tue 11-J	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	13:09:31 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	MB-34989	13:12:11 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	LCS-34989	13:14:49 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	

2111392-001A	13:17:28 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2111392-001ADUP	13:20:07 Tue 11-J:Sample	C:\Users\Public\DocumDUP,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2111392-001AMS	13:22:46 Tue 11-J:Sample	C:\Users\Public\DocumMS,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2111392-001AMSD	13:25:25 Tue 11-J:Sample	C:\Users\Public\DocumMSD,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2201097-001D	13:28:04 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2201097-003B	13:30:43 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
LCS-34990	13:33:23 Tue 11-J:Sample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2201105-001B	13:36:03 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
CCV	13:38:42 Tue 11-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112
CCB	13:41:22 Tue 11-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112
CCB	13:45:21 Tue 11-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112
2201106-001C	13:49:57 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2201111-001C	13:52:36 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2112242-045A 10X	13:55:16 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112242-062A 10X	13:57:55 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112301-005A 10X	14:00:34 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112301-040A 10X	14:03:13 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
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2112301-050A 10X	14:08:30 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
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Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\

Report Date/Time: Tuesday, January 18, 2022 08:16:46

The Dataset

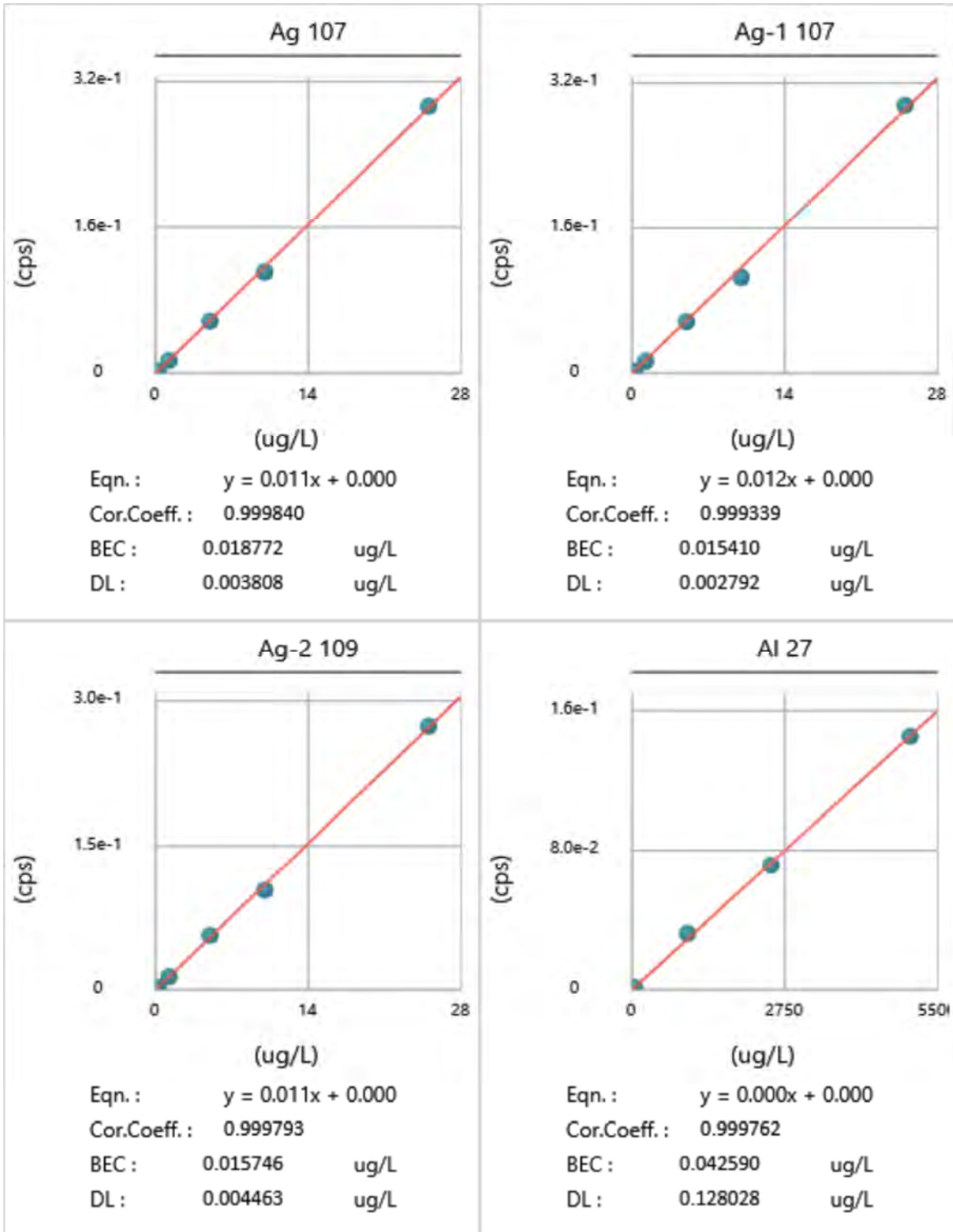
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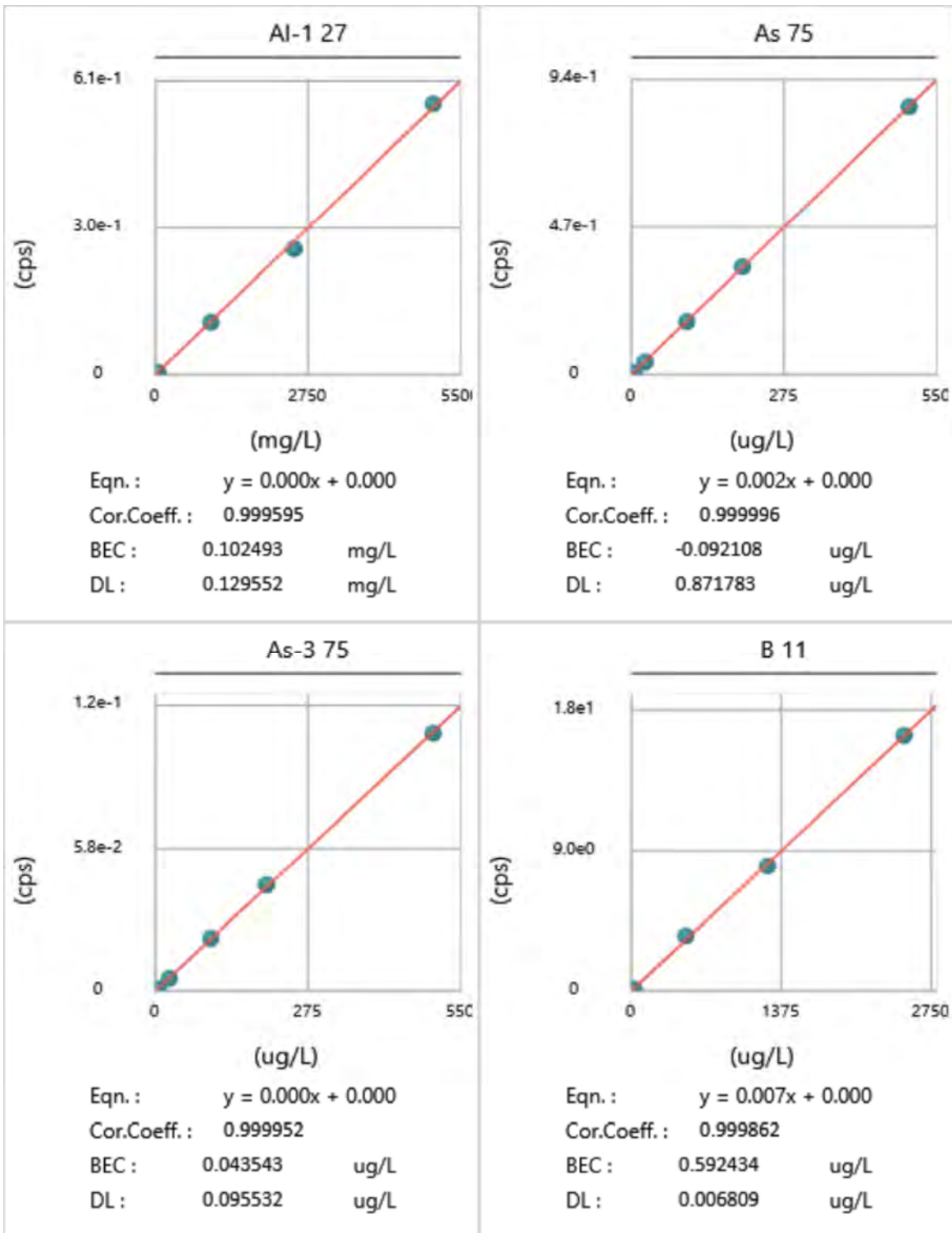
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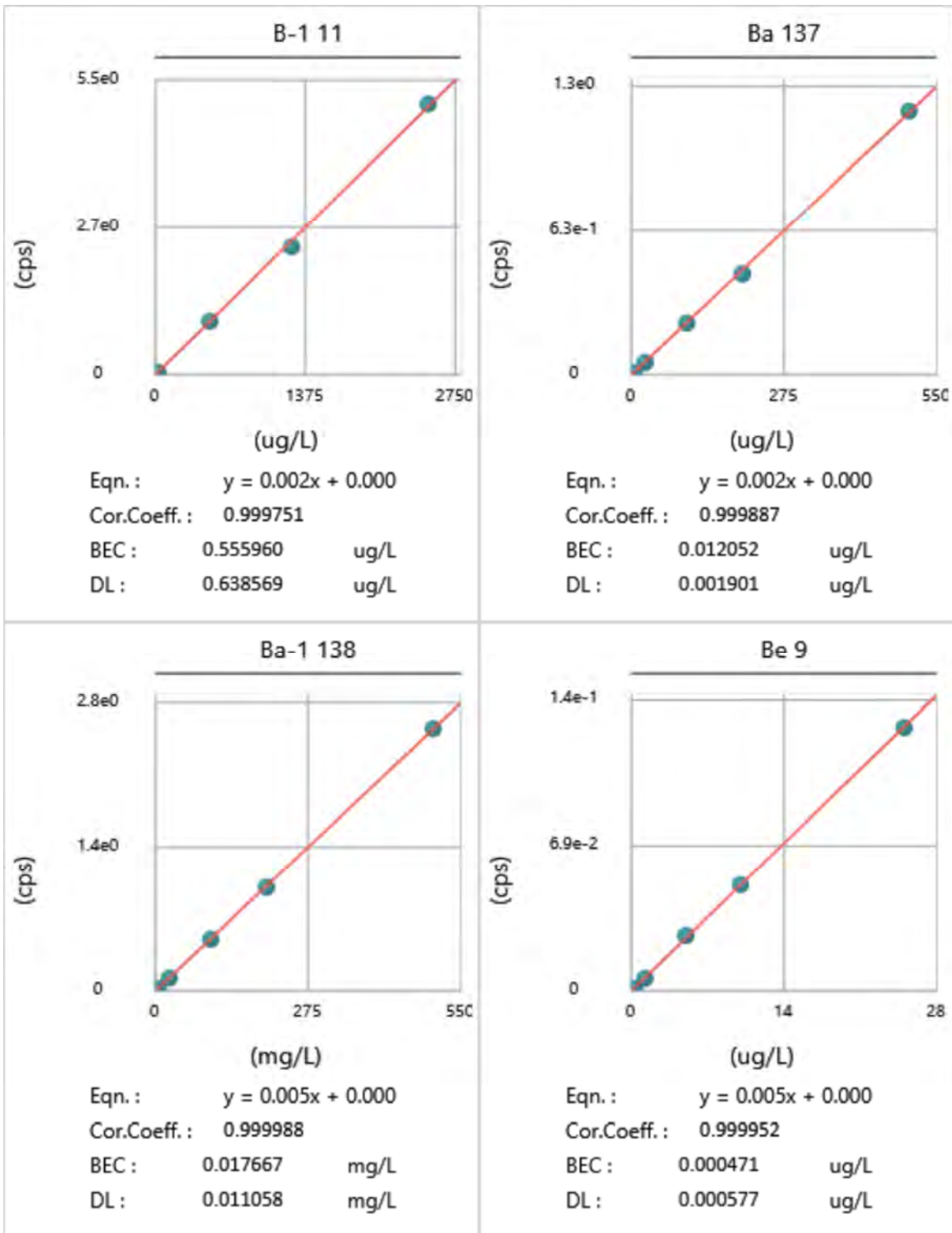
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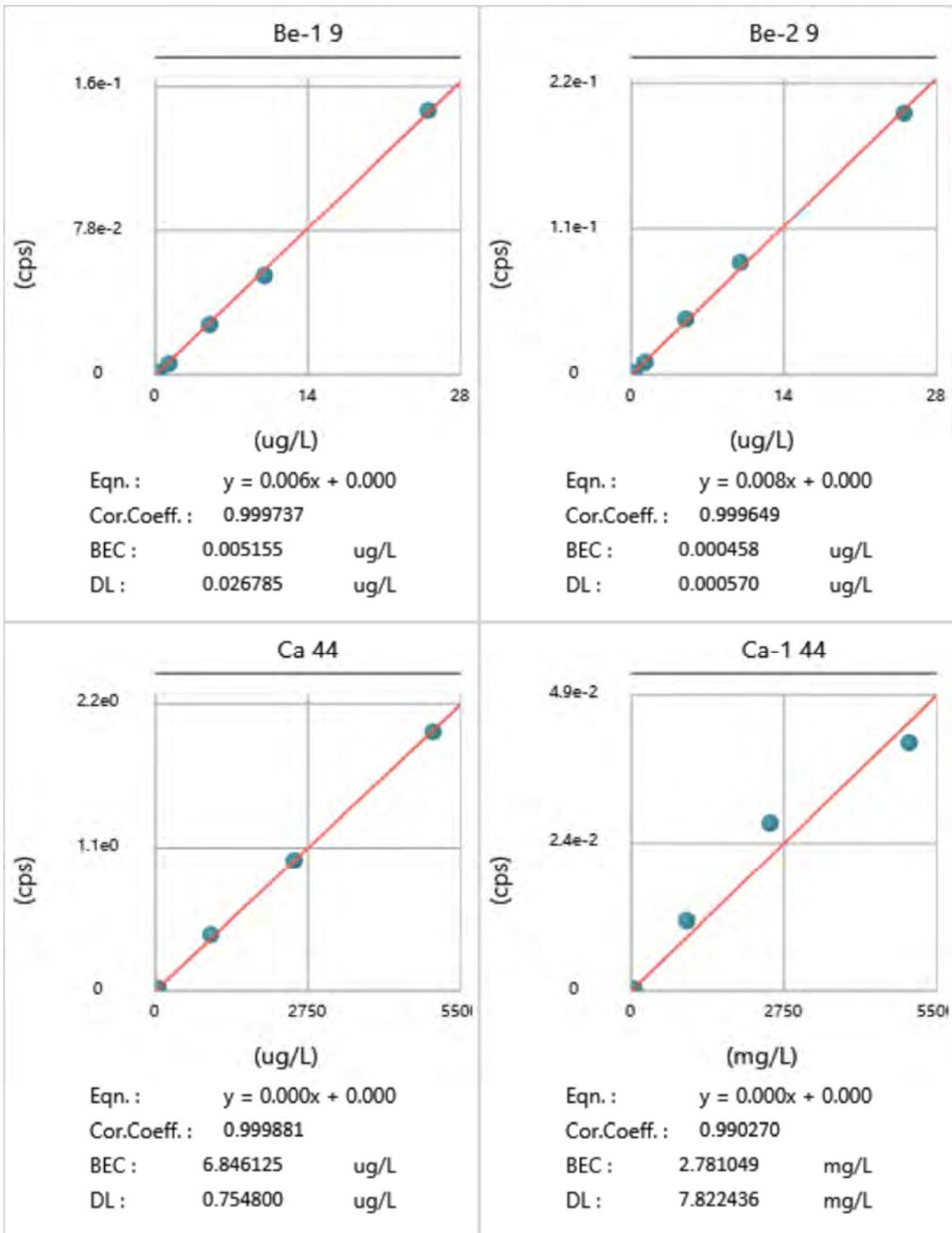


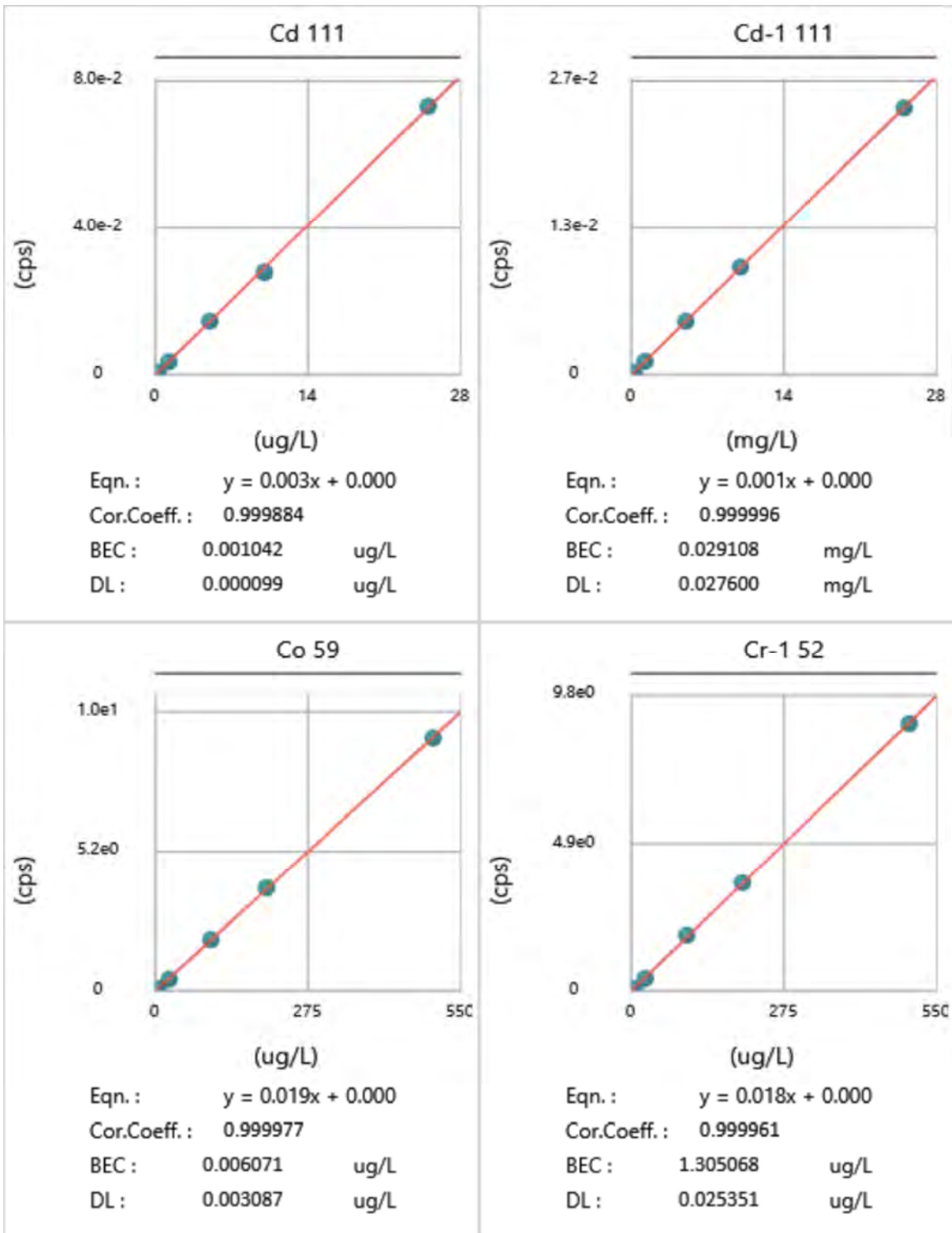
Calibration

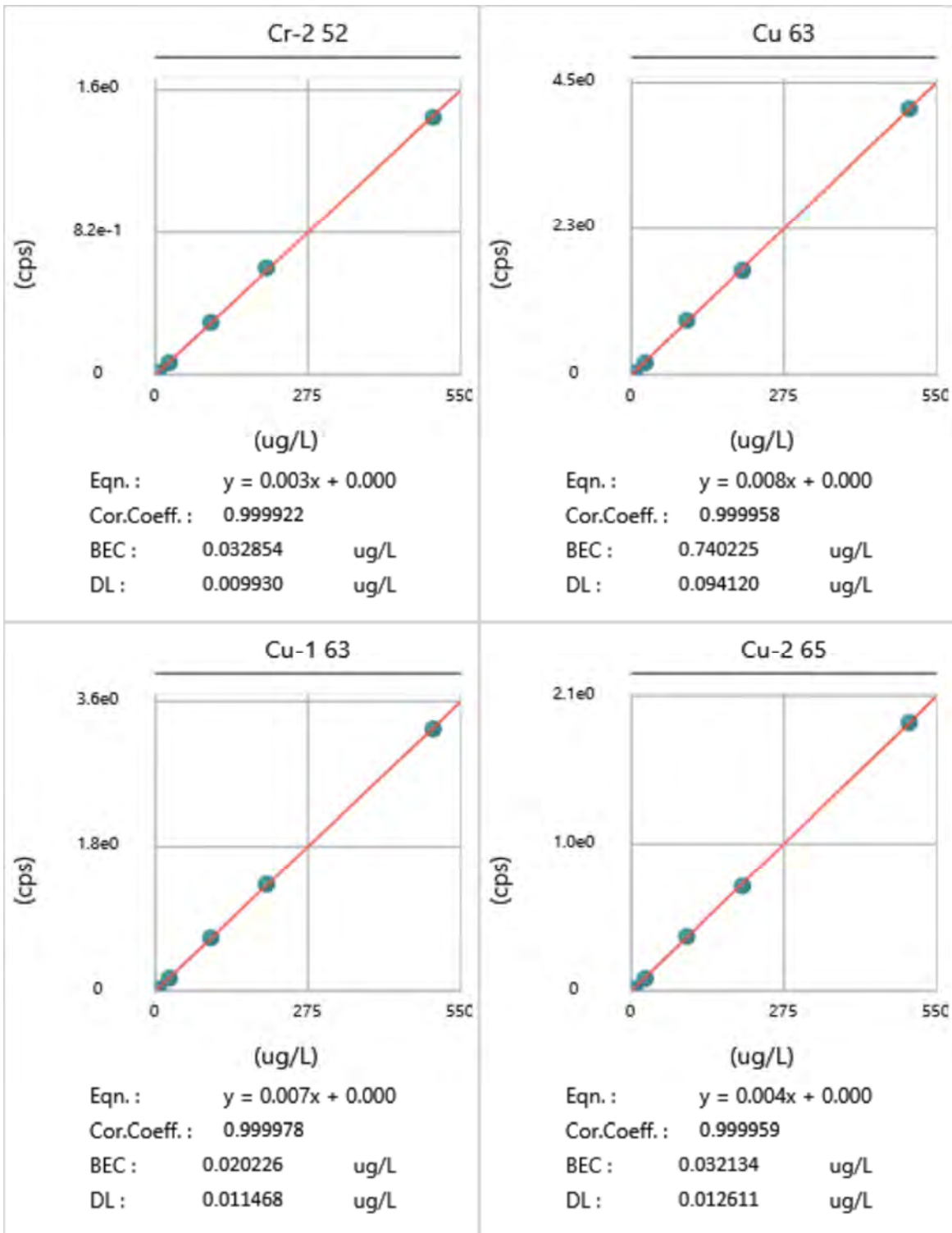


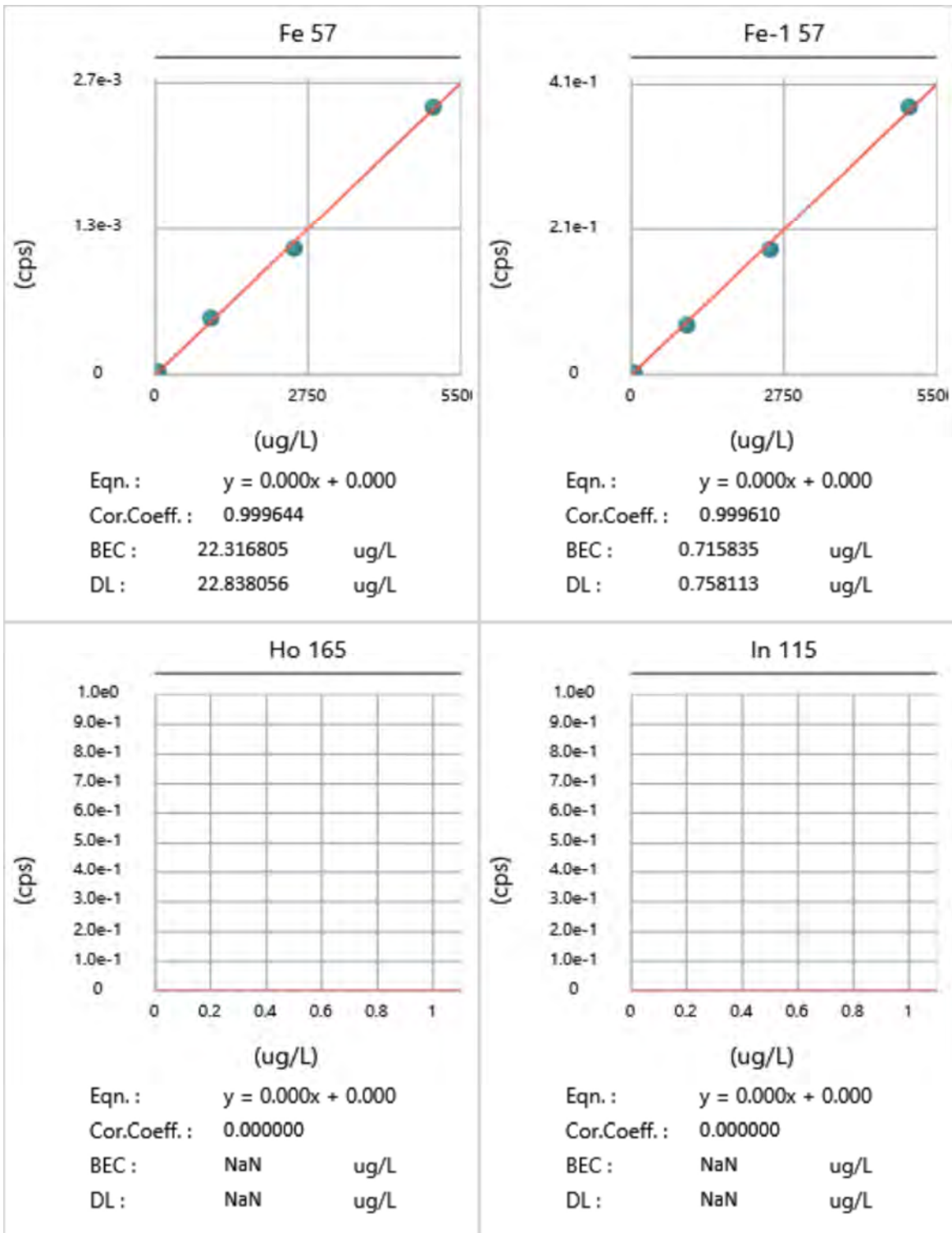


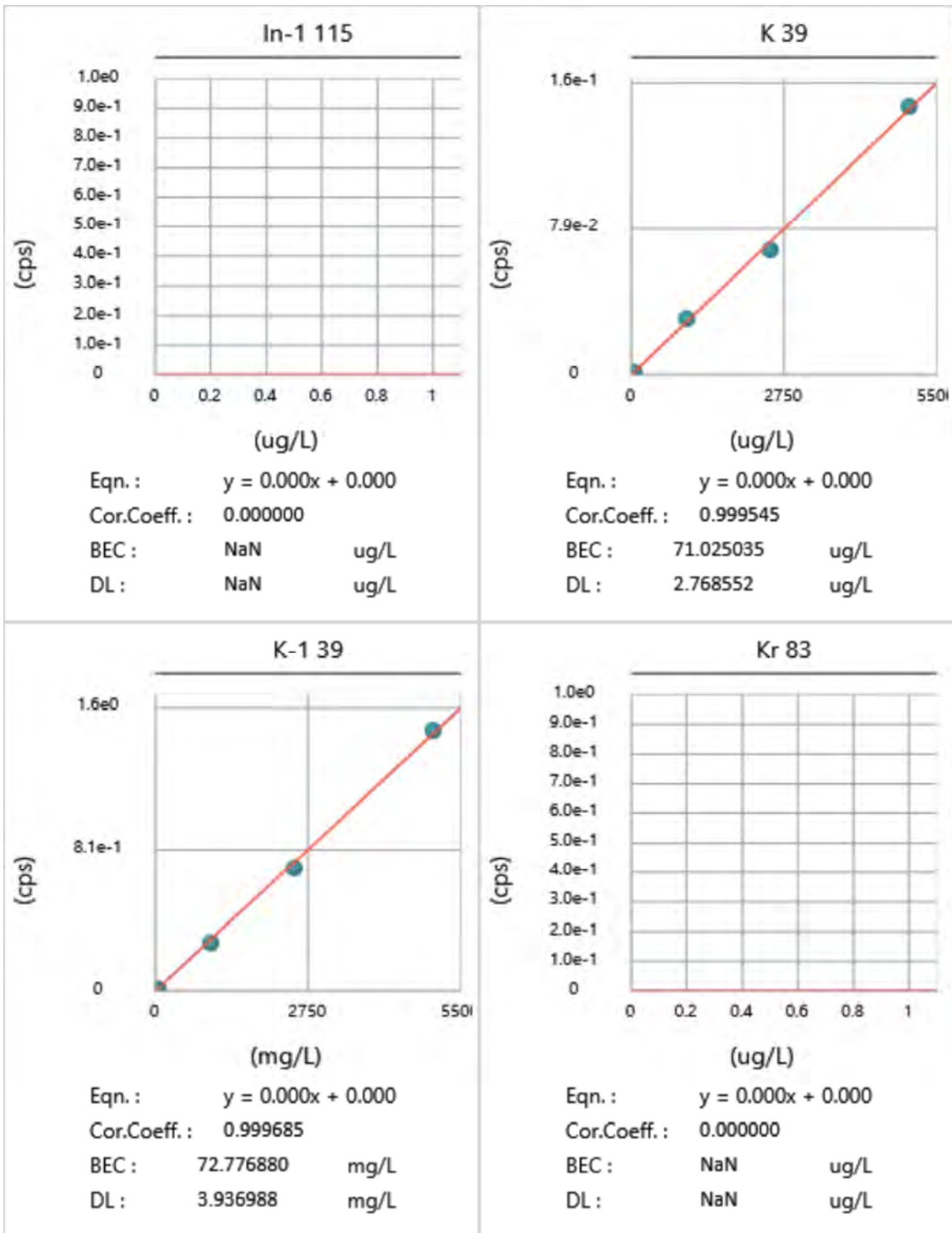


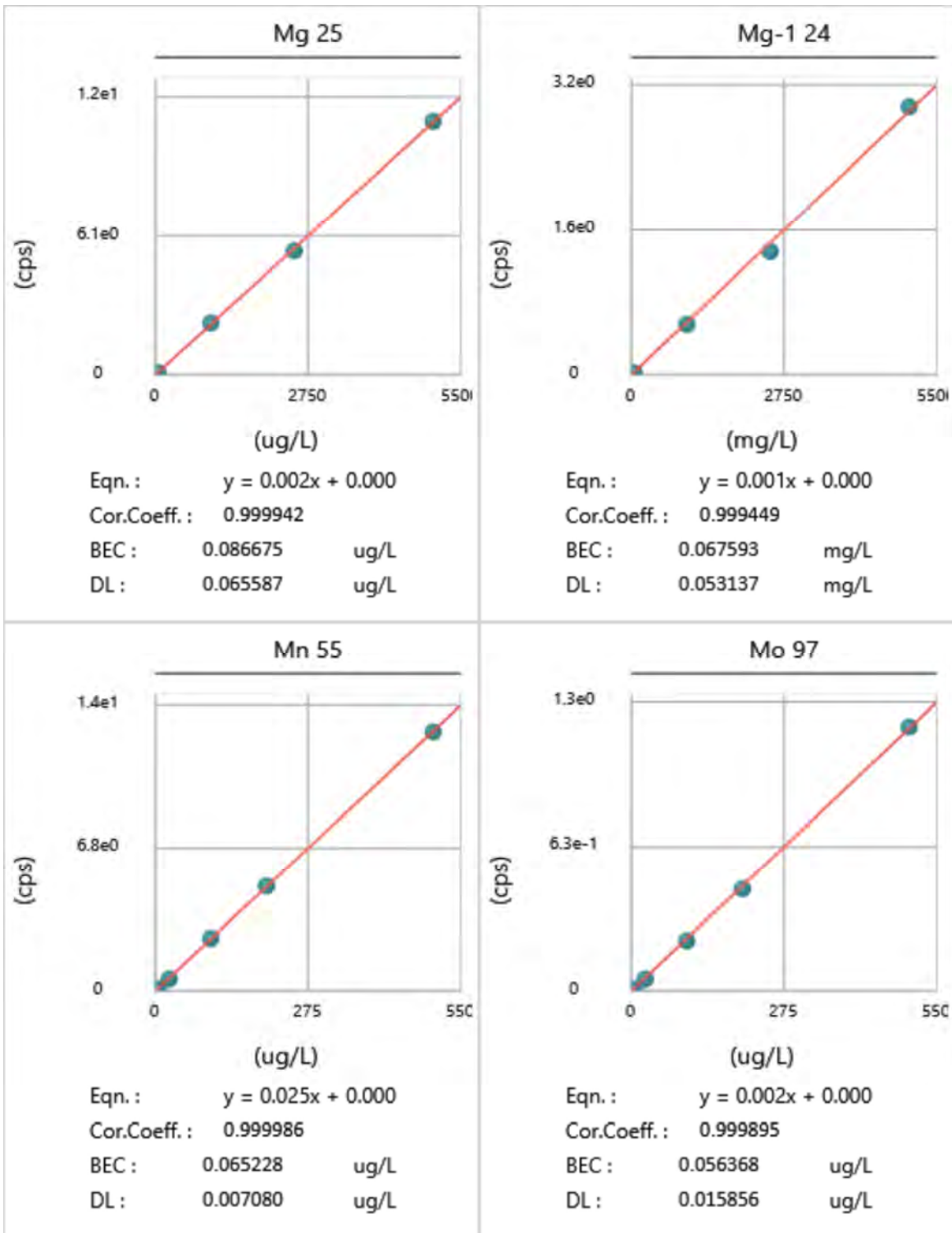


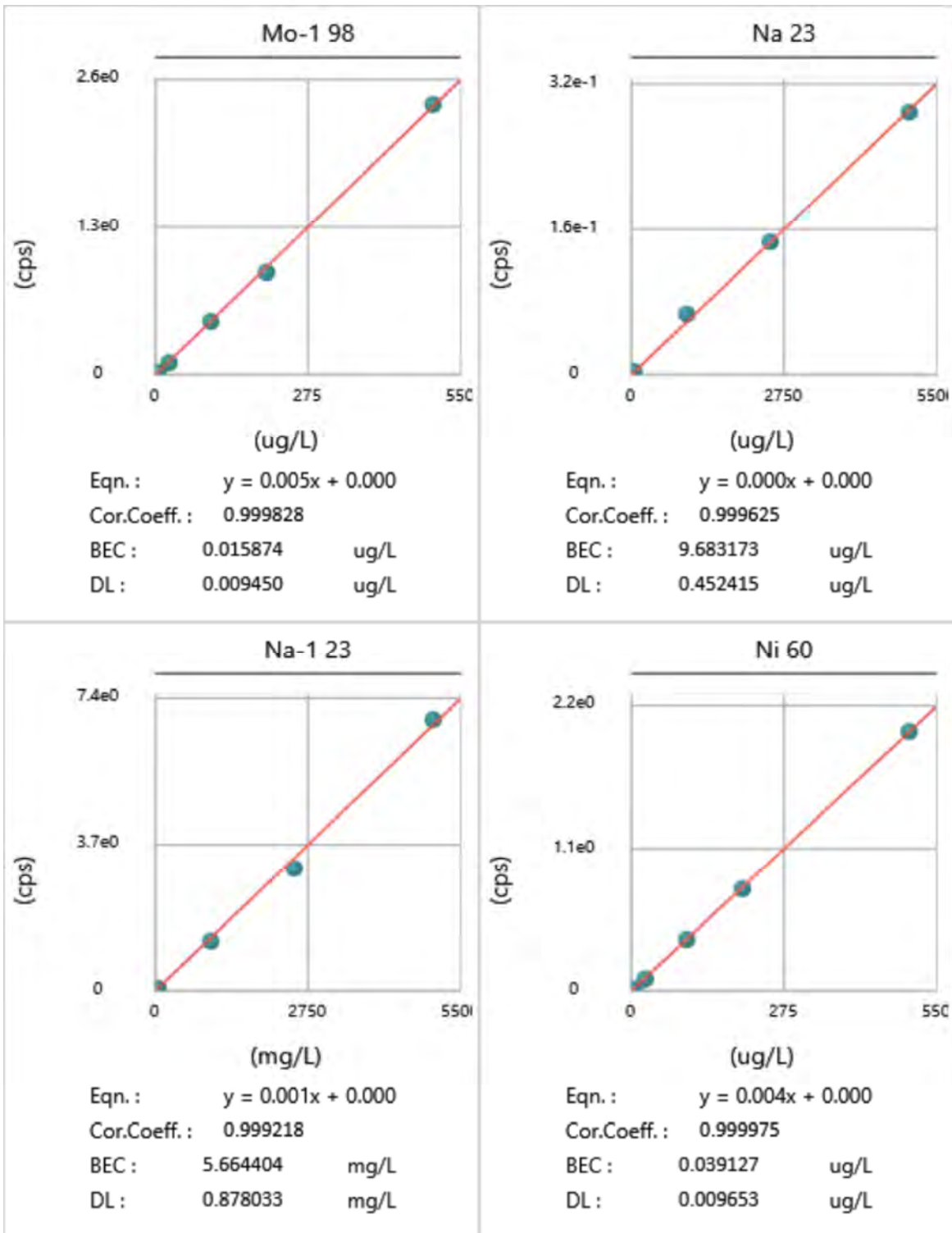


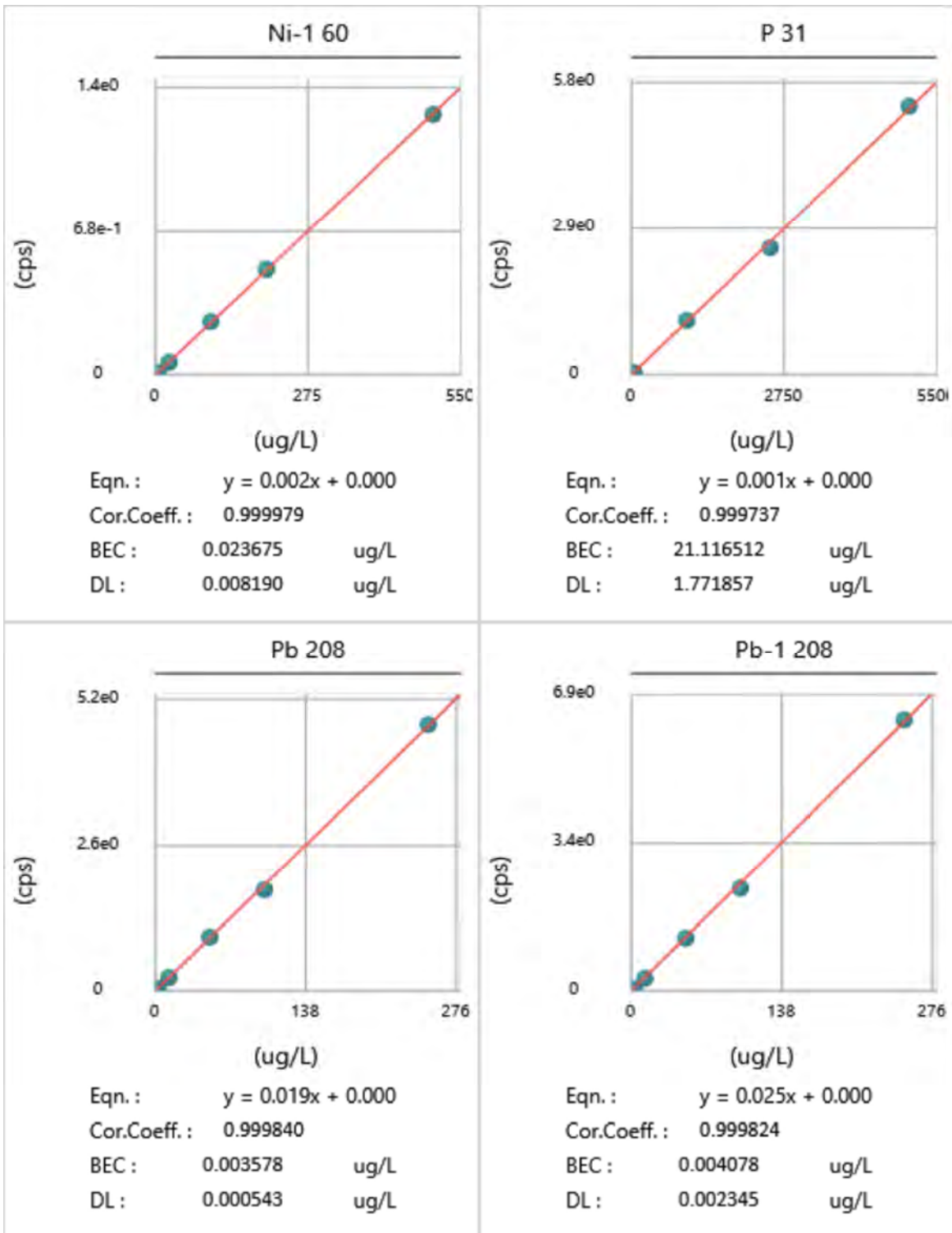


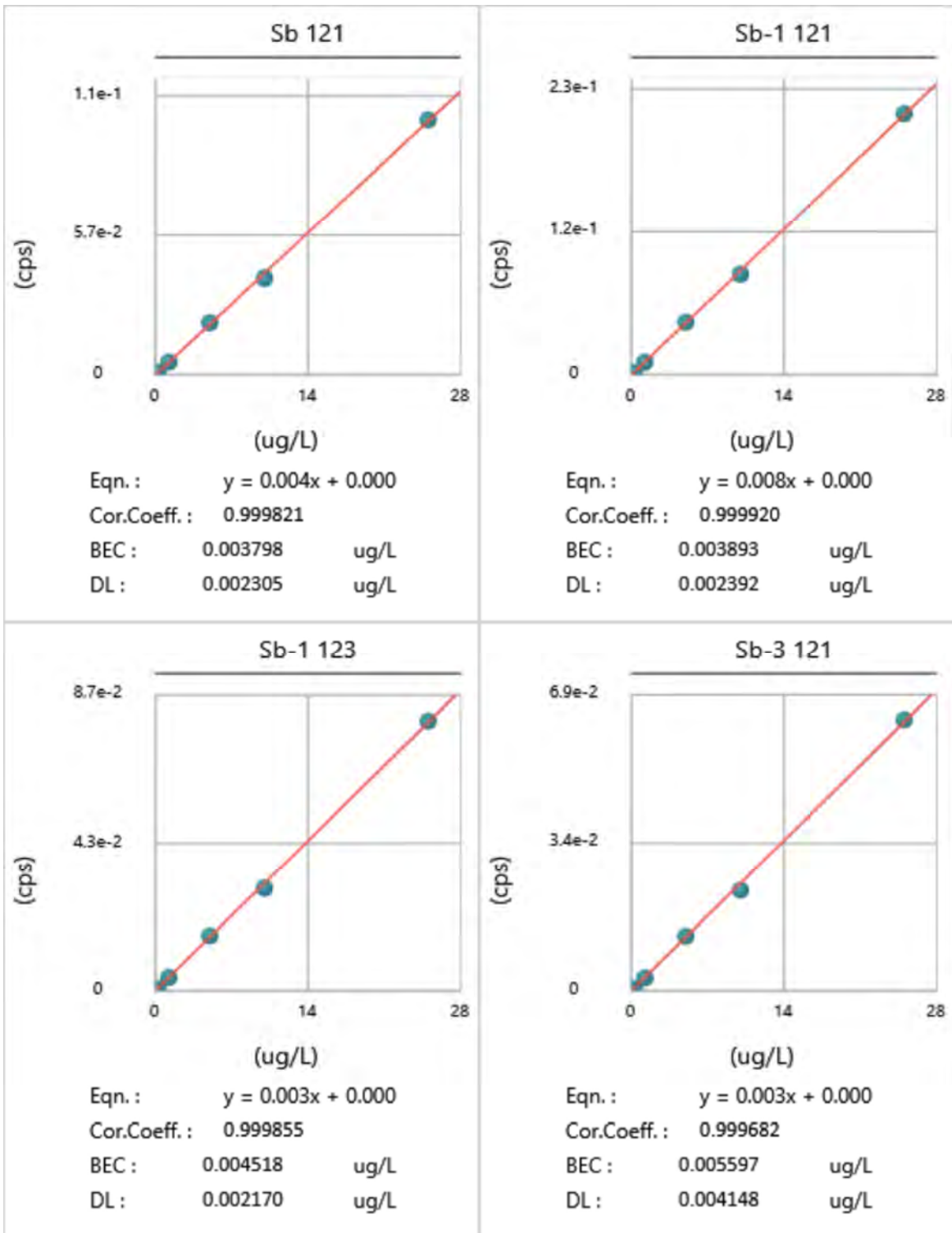


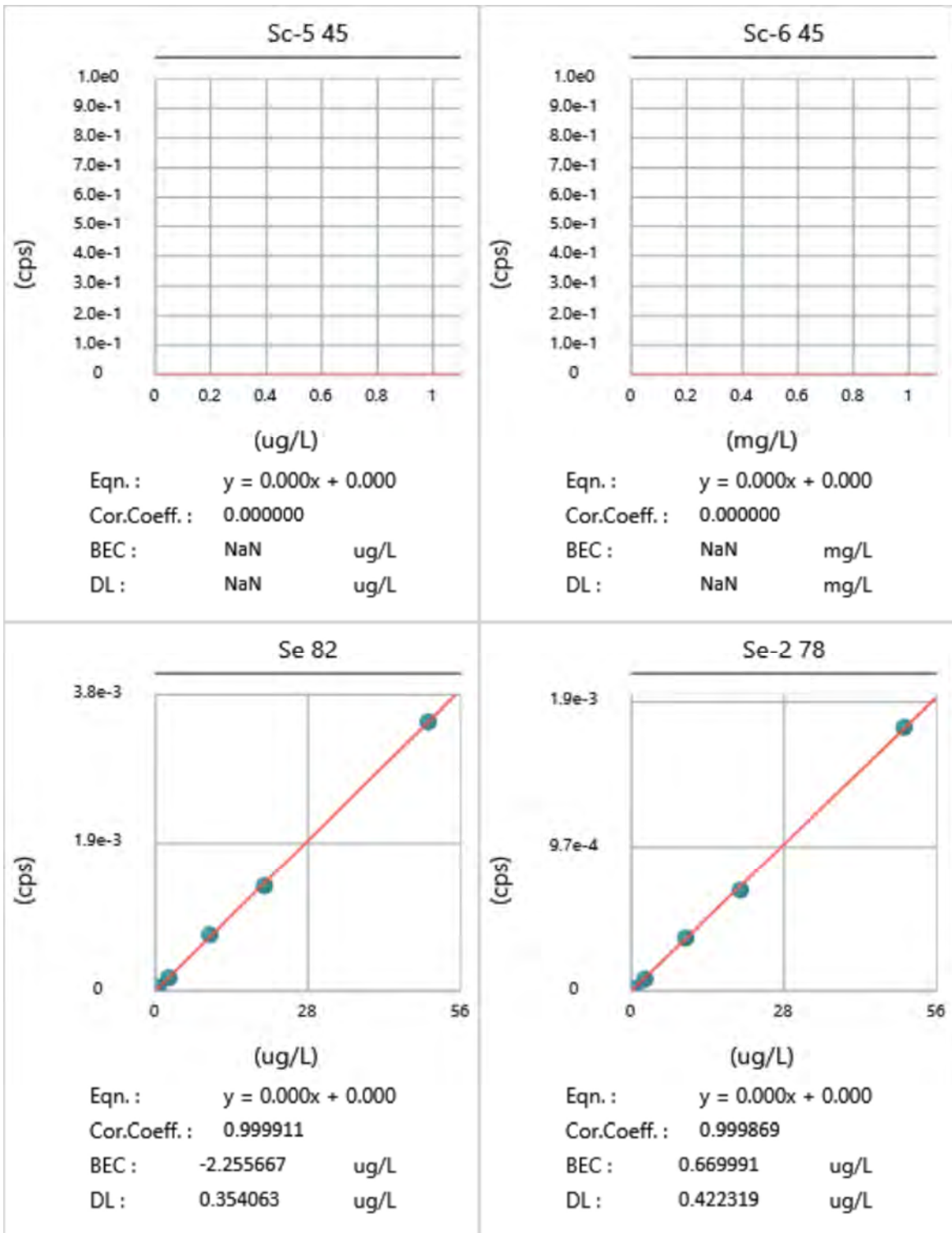


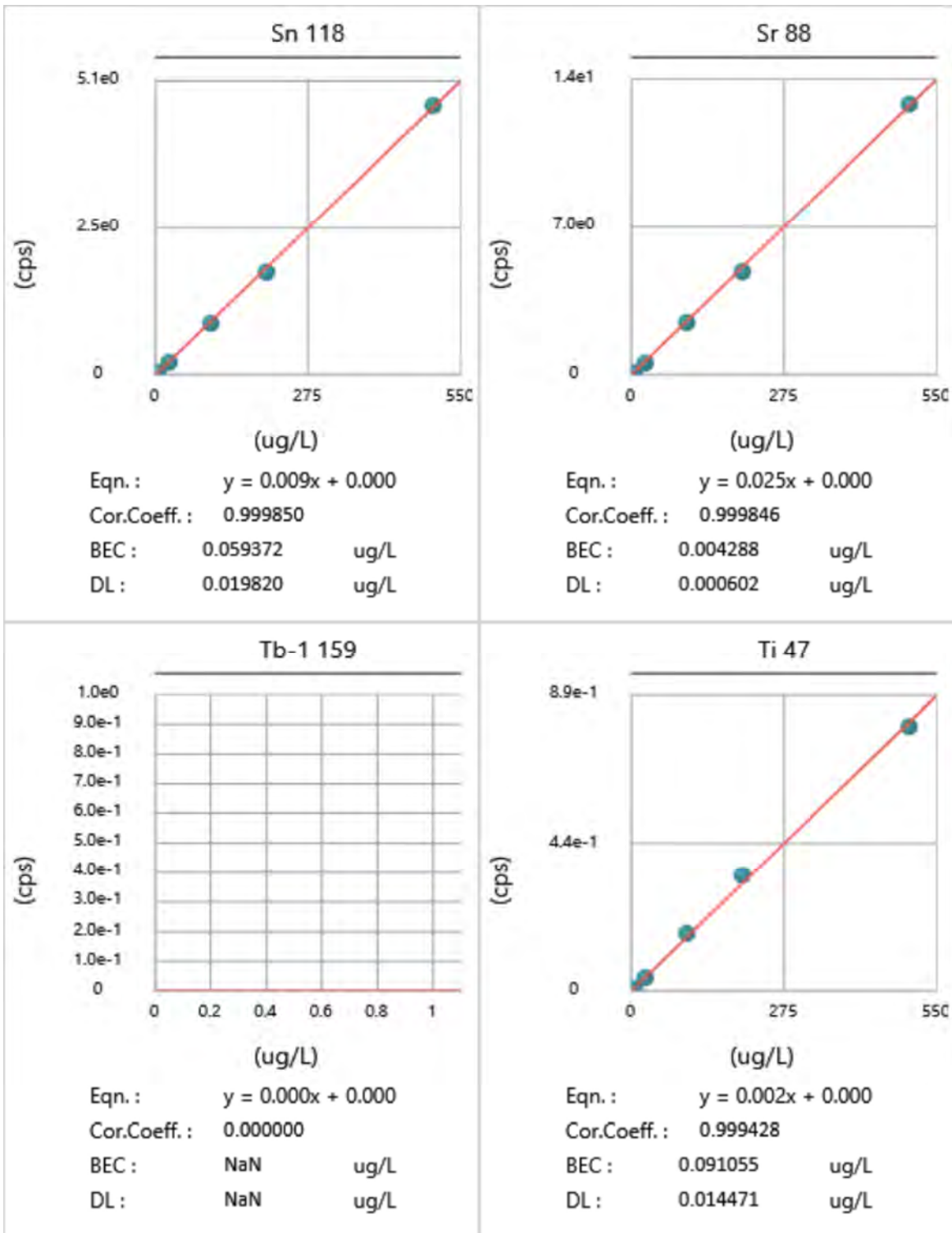


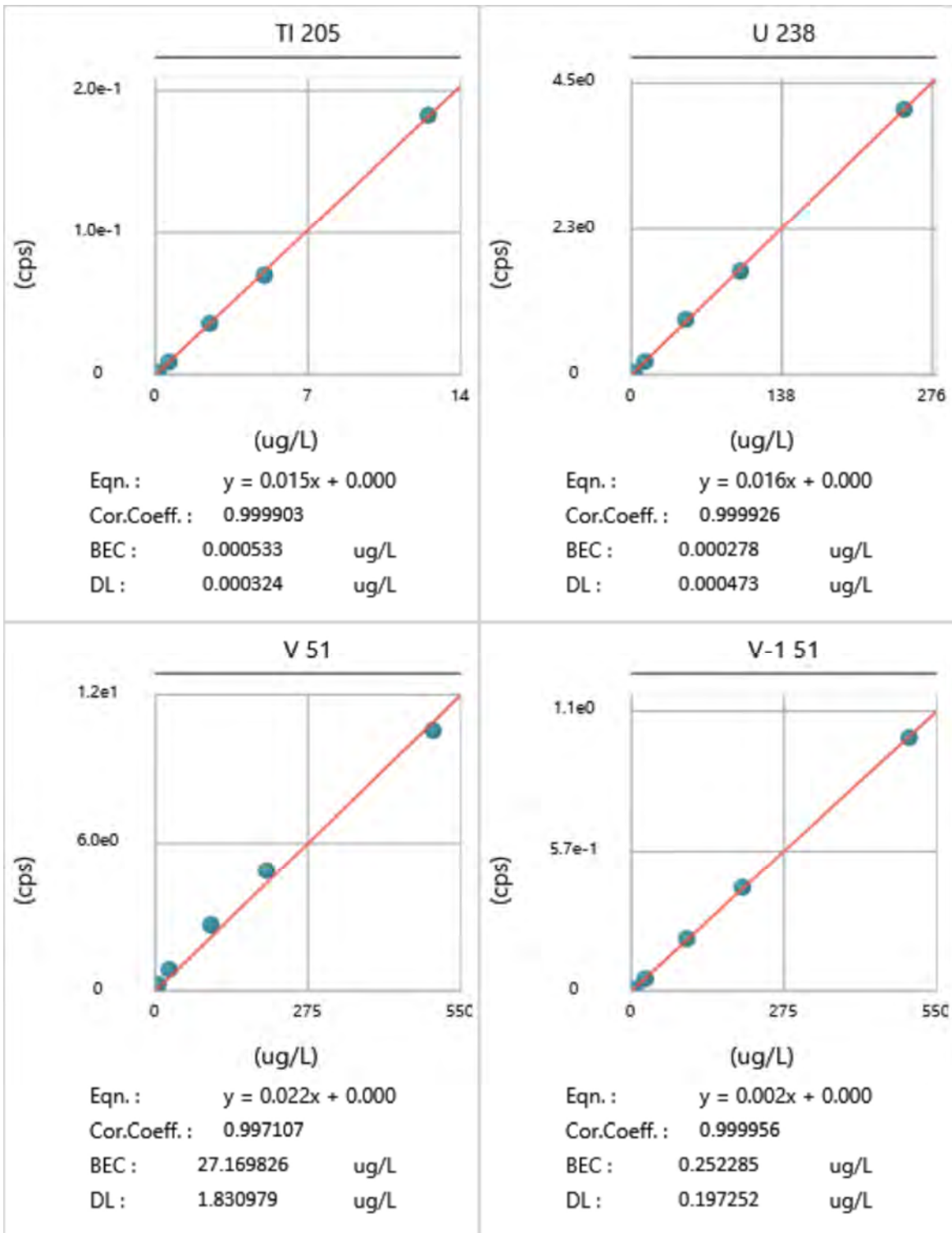


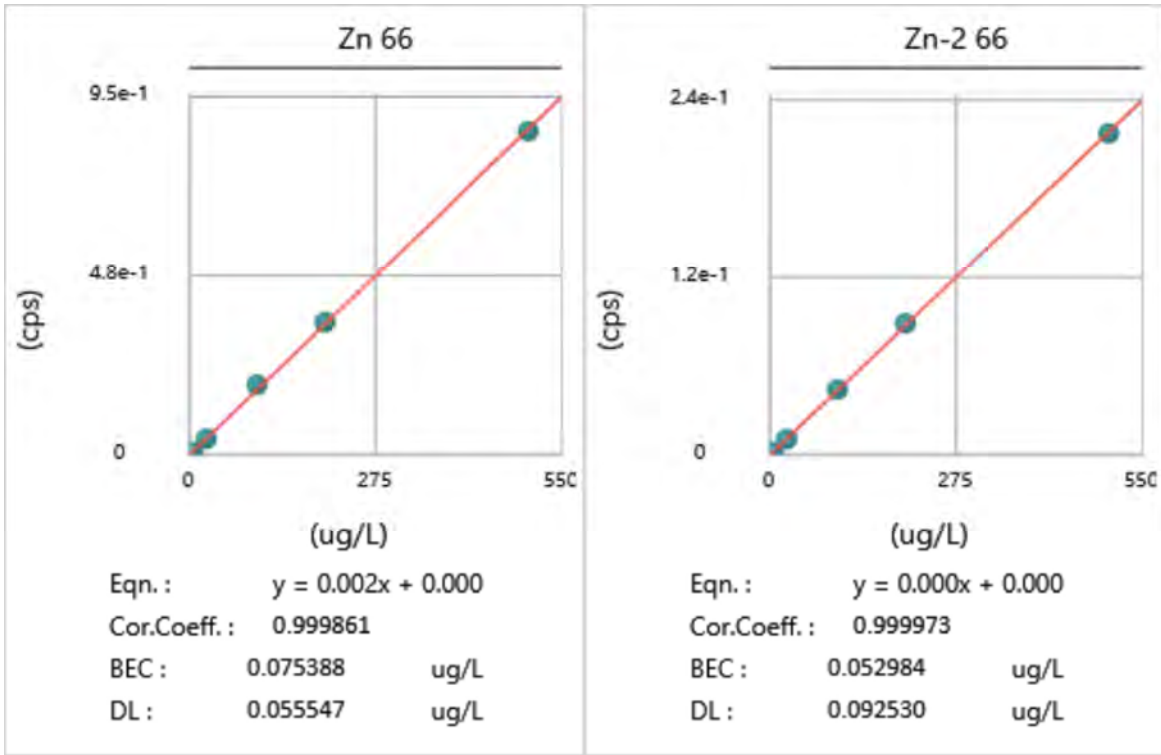


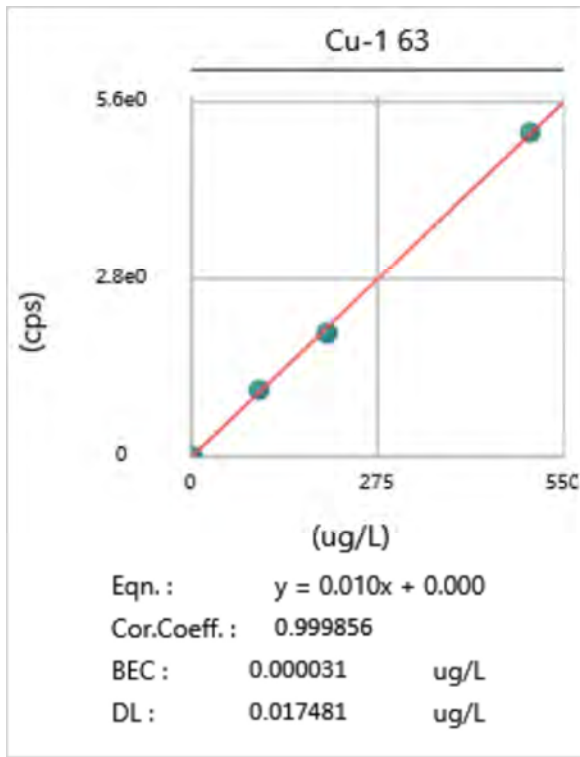


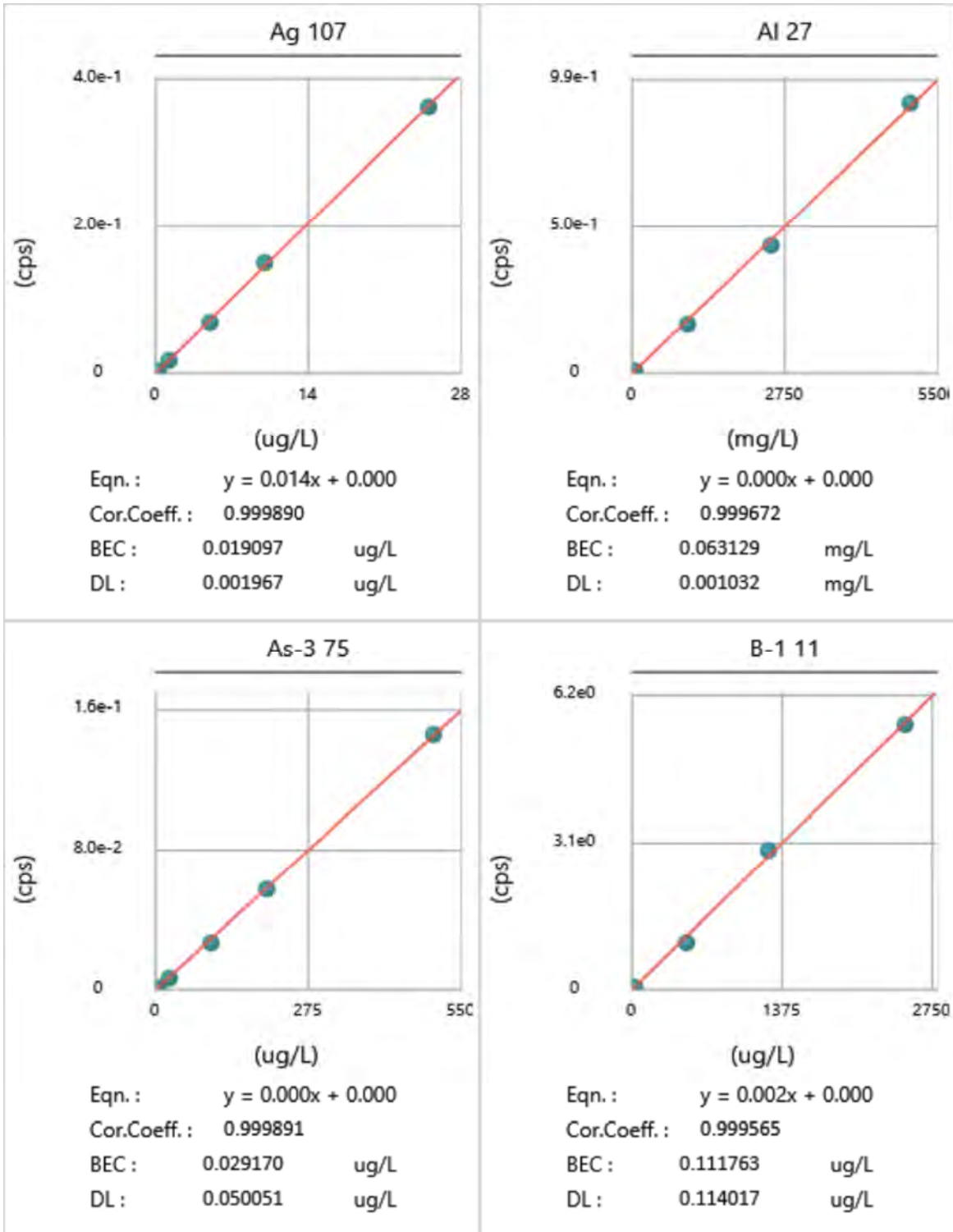


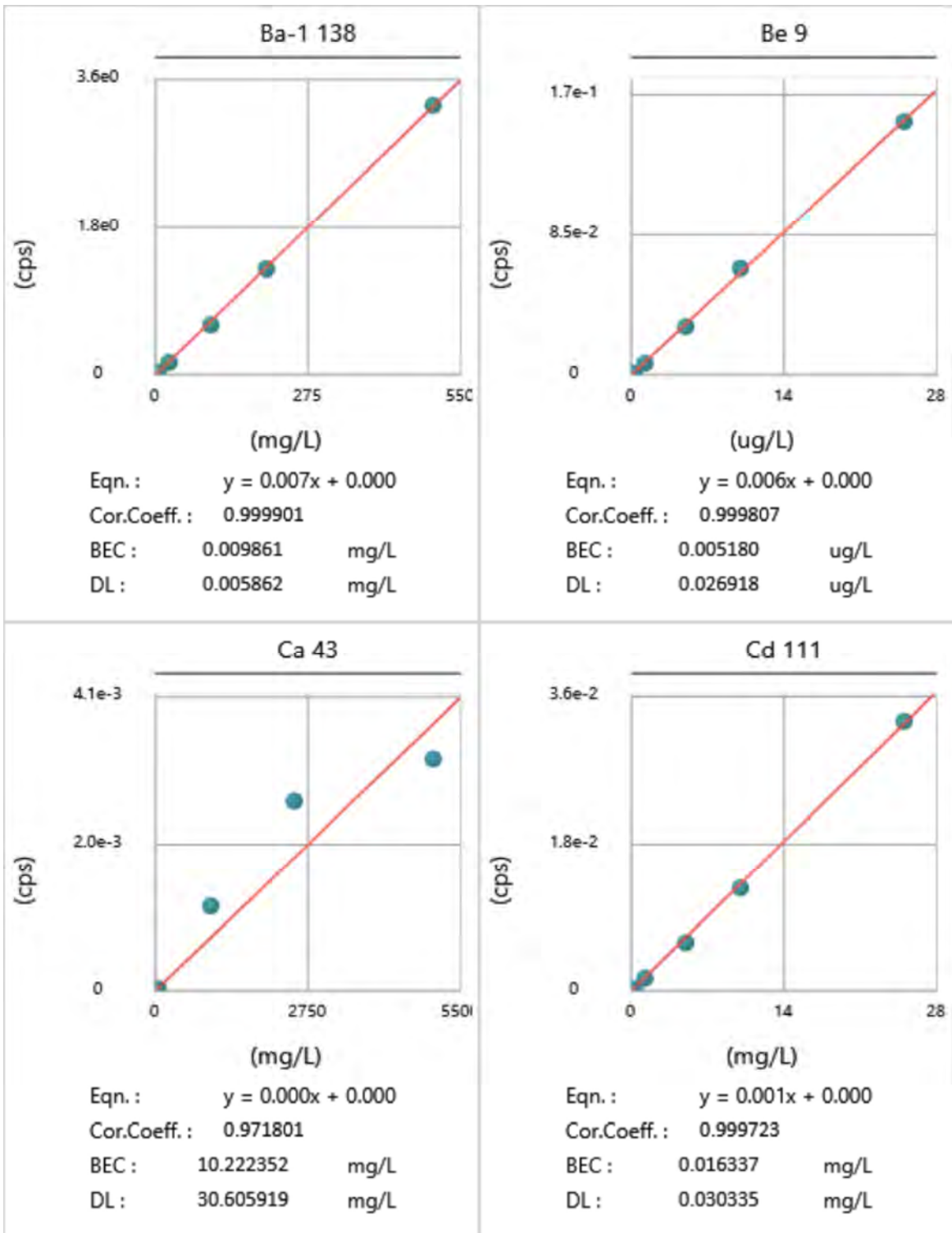


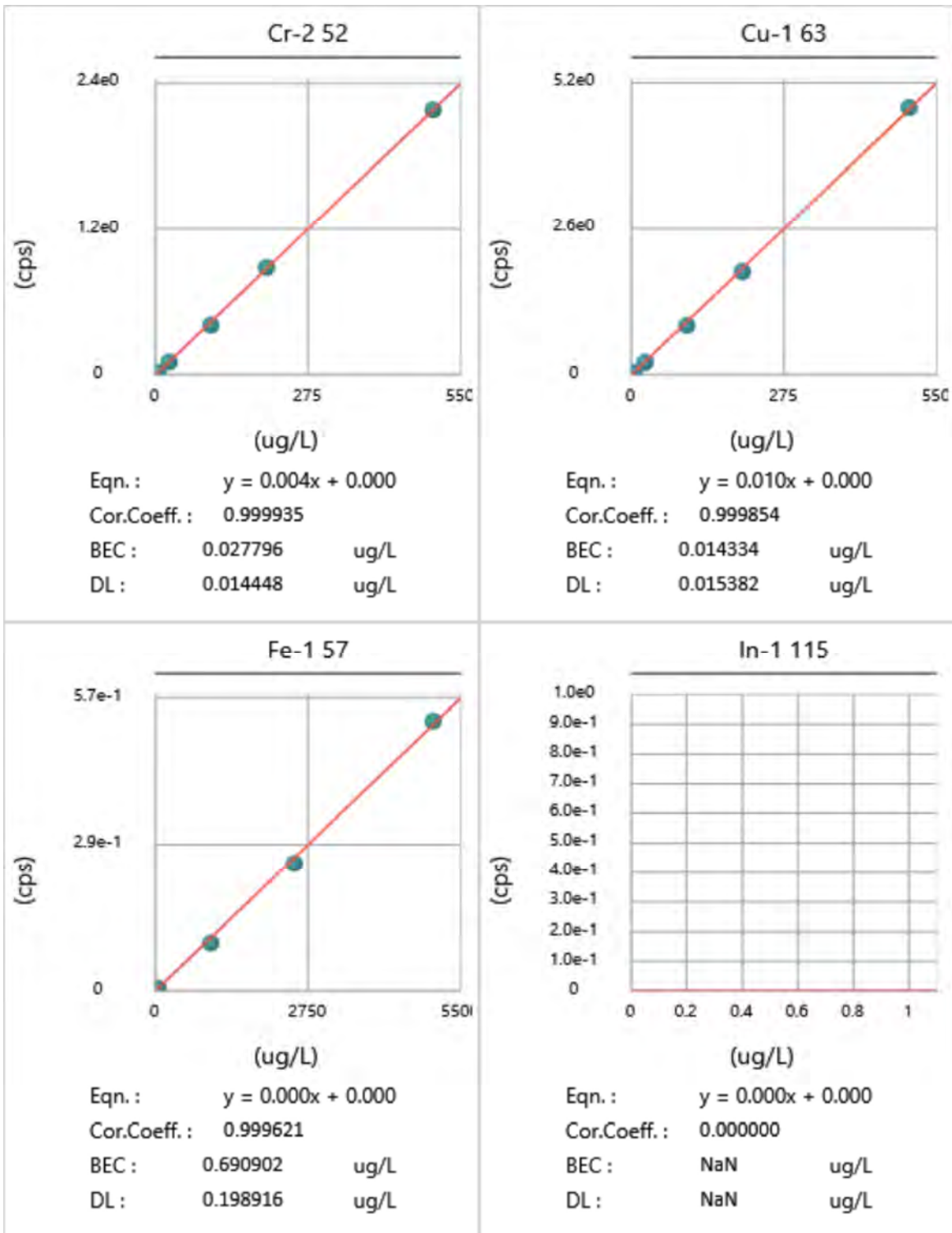


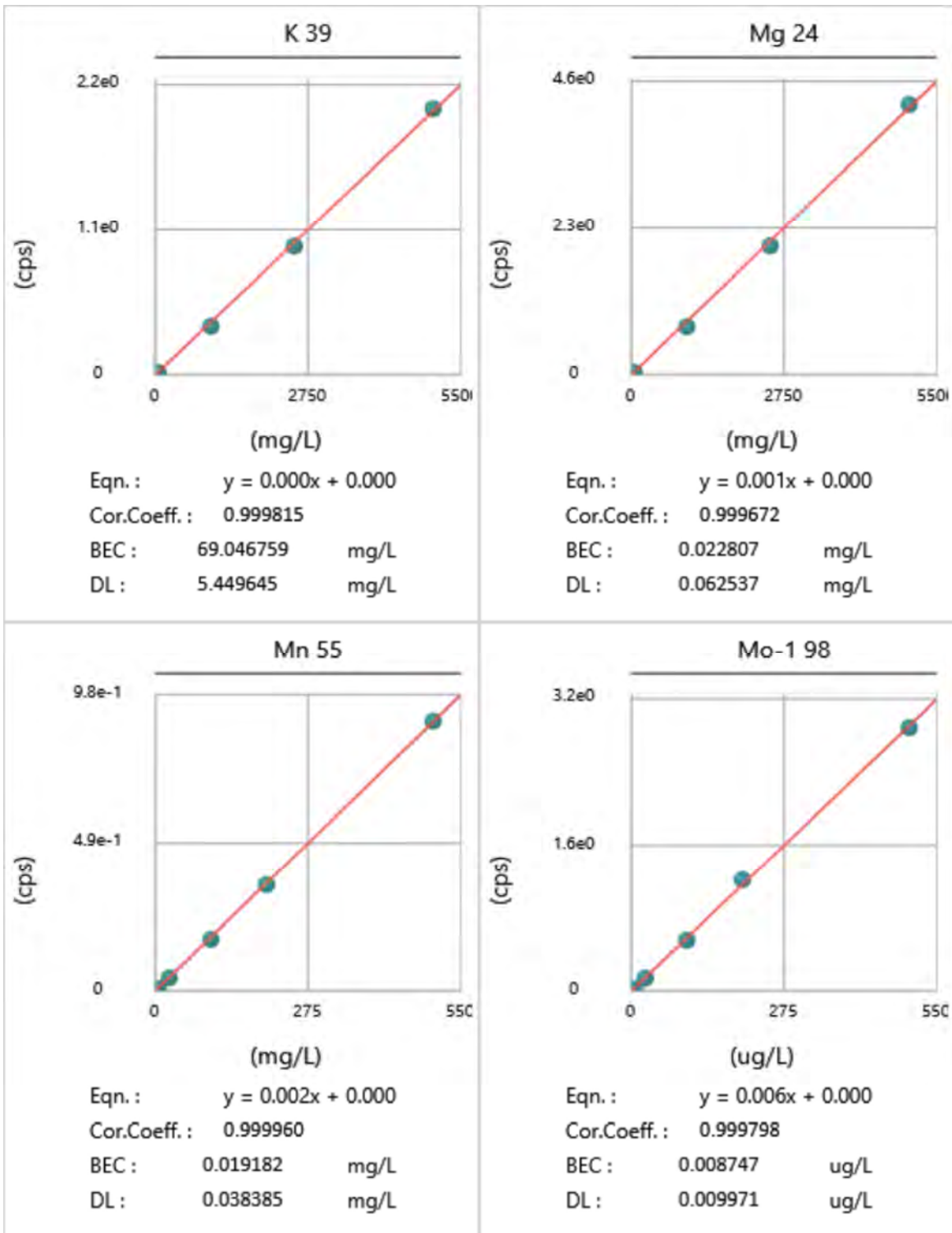


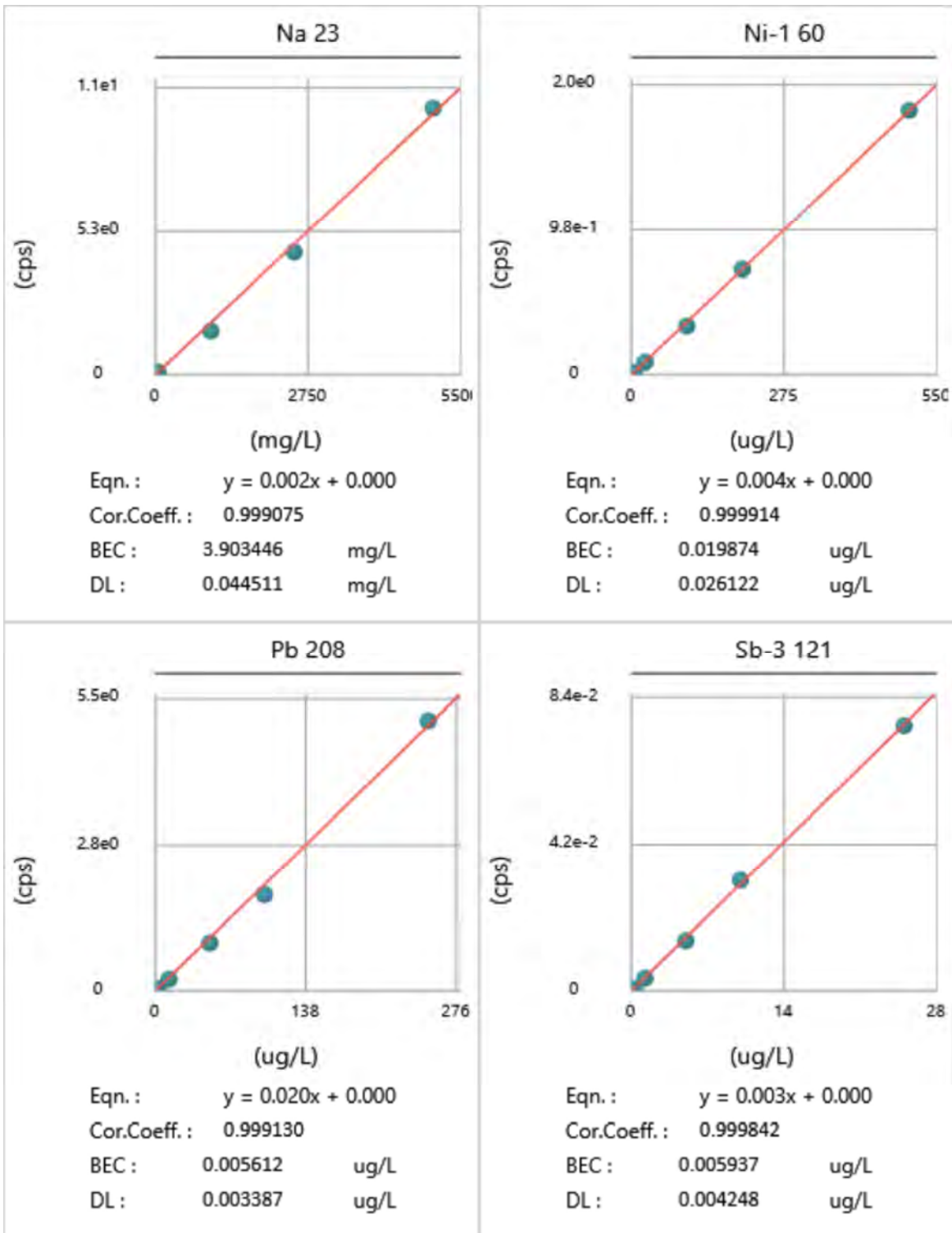


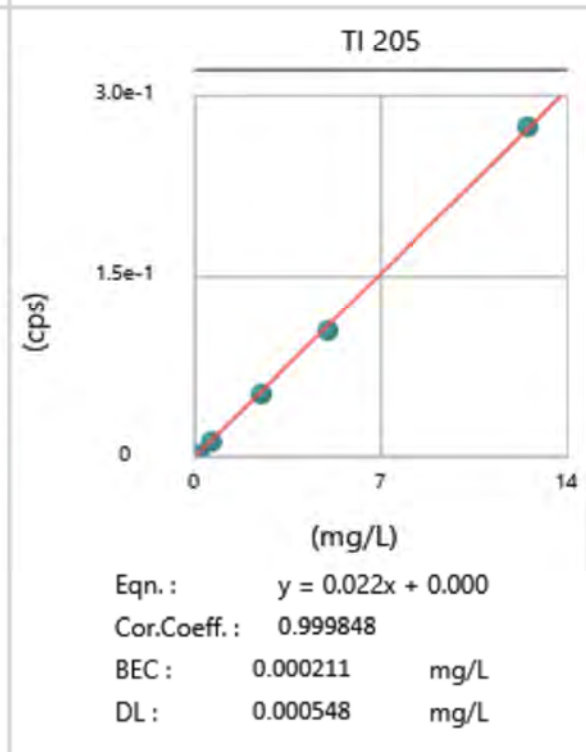
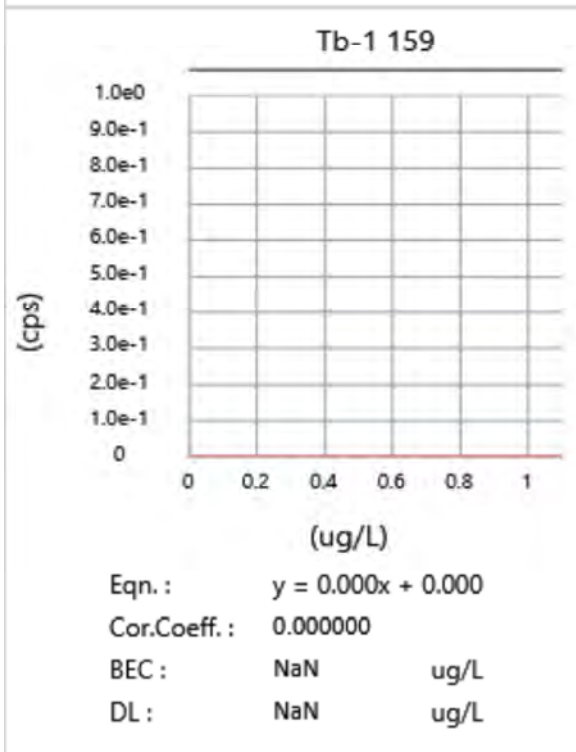
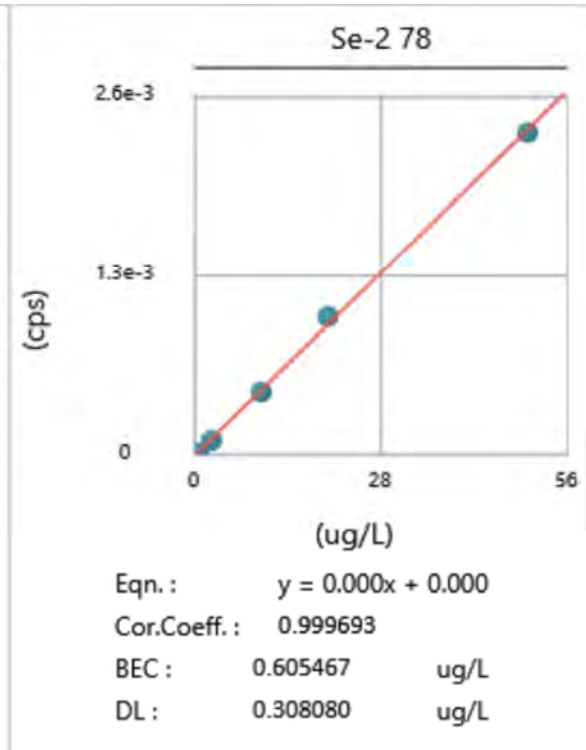
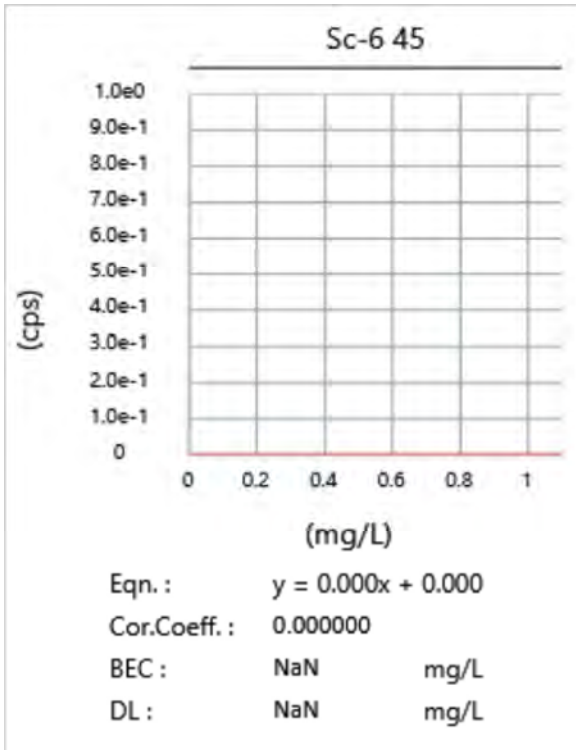


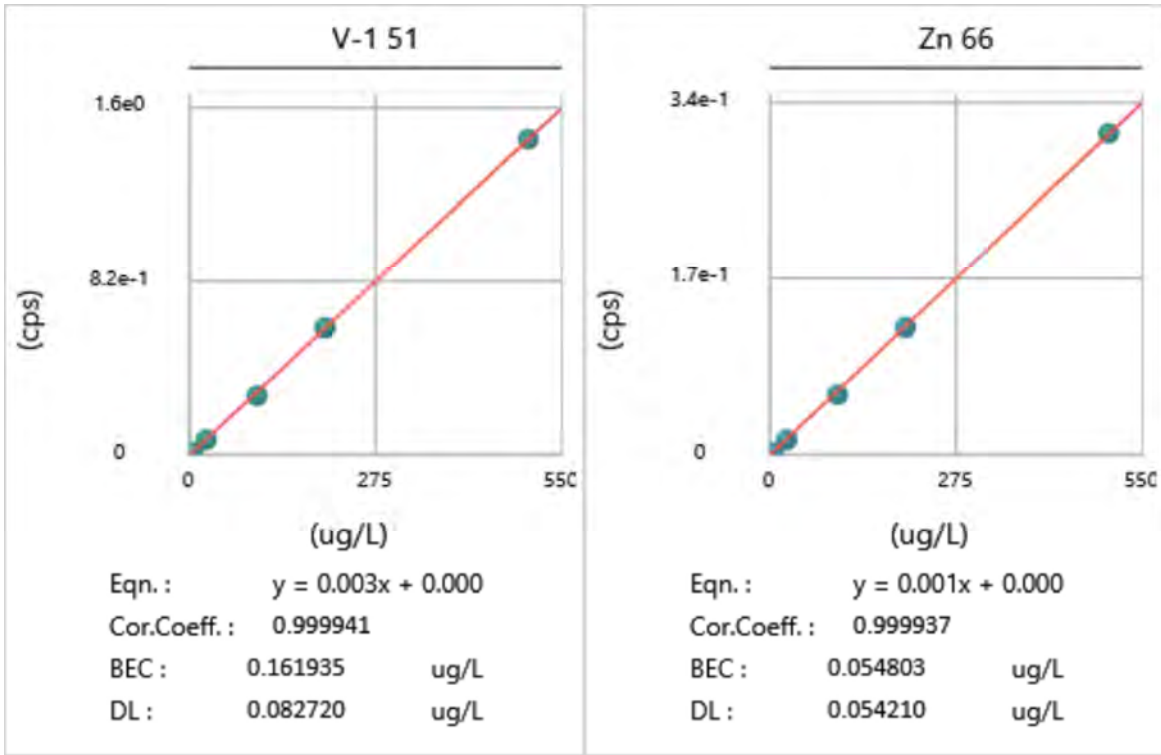


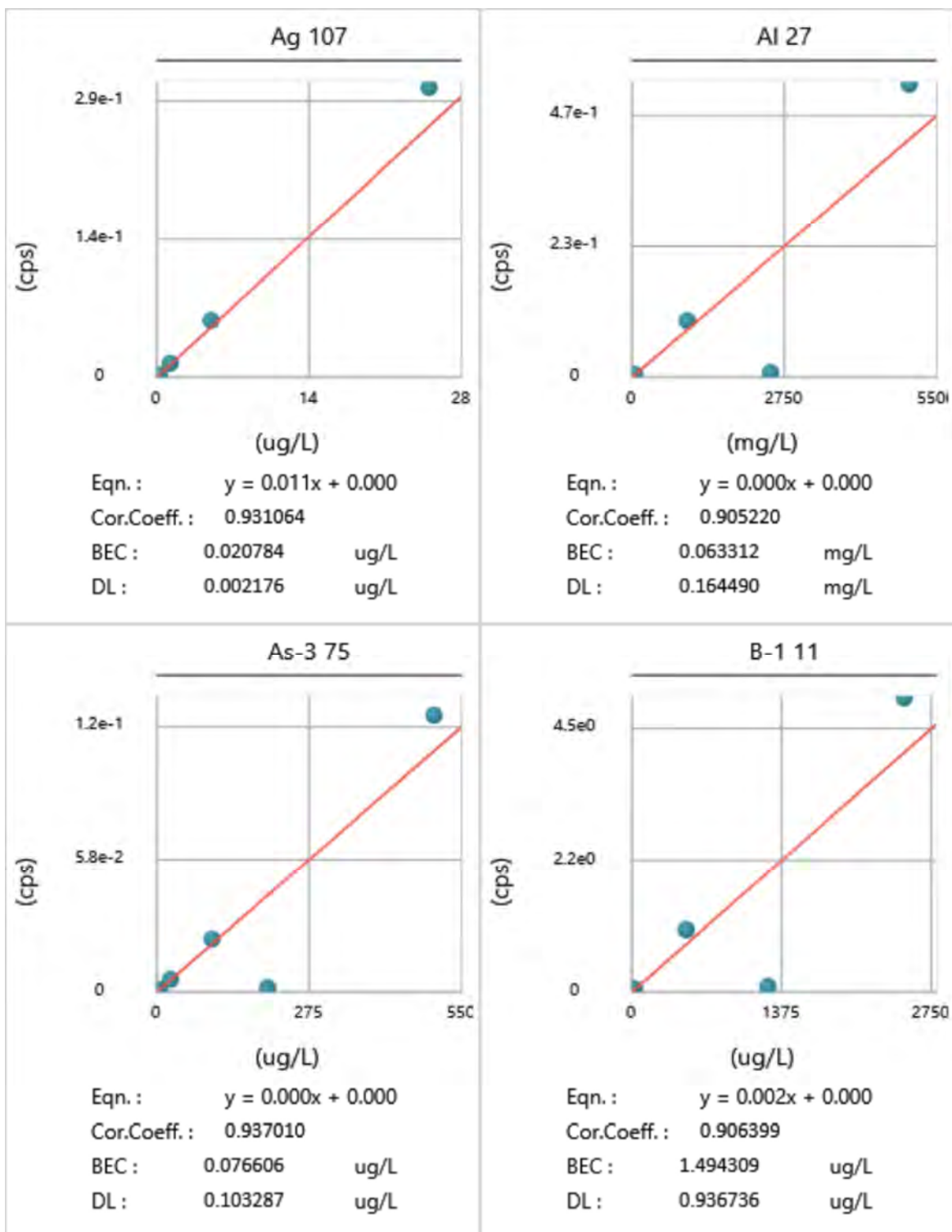


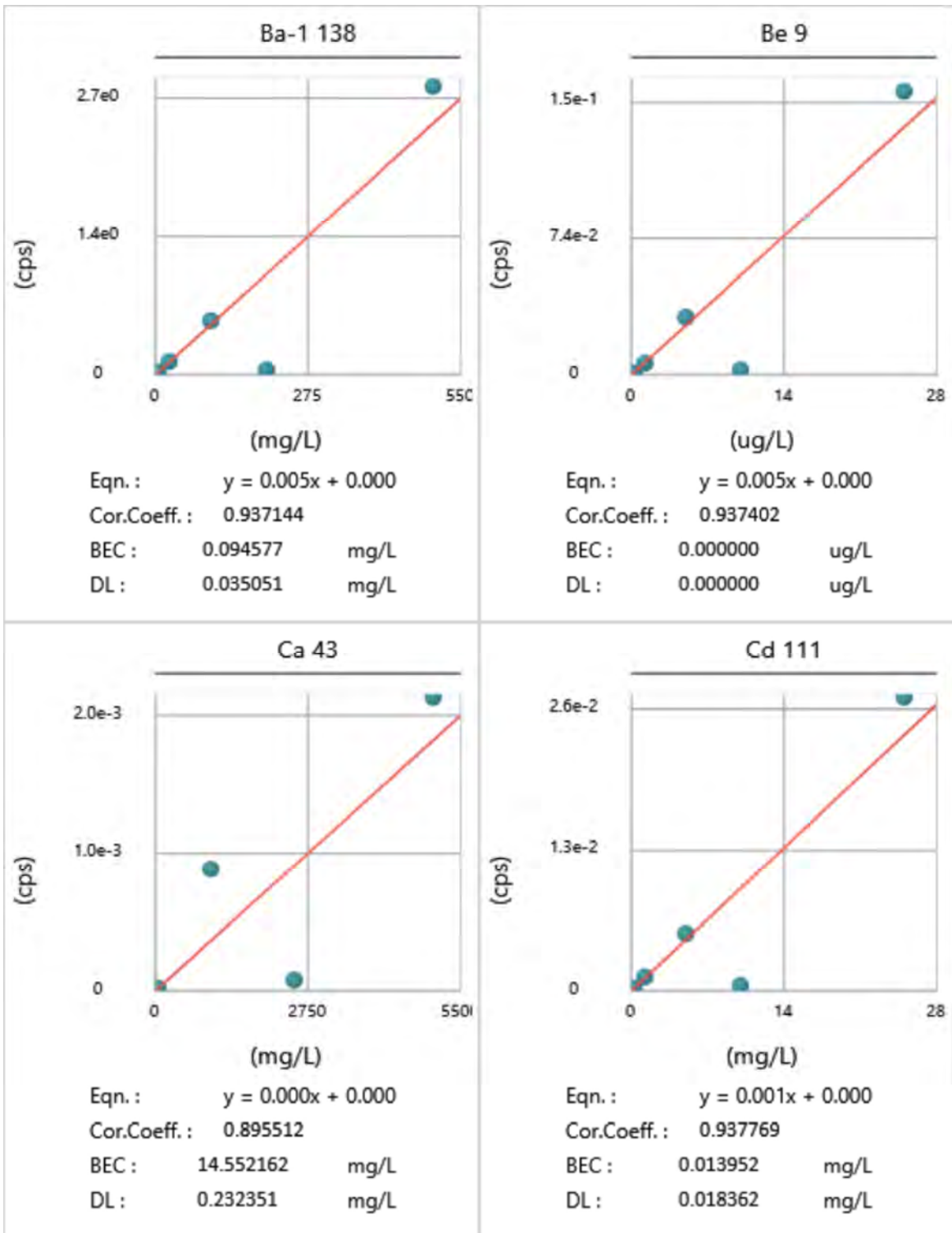


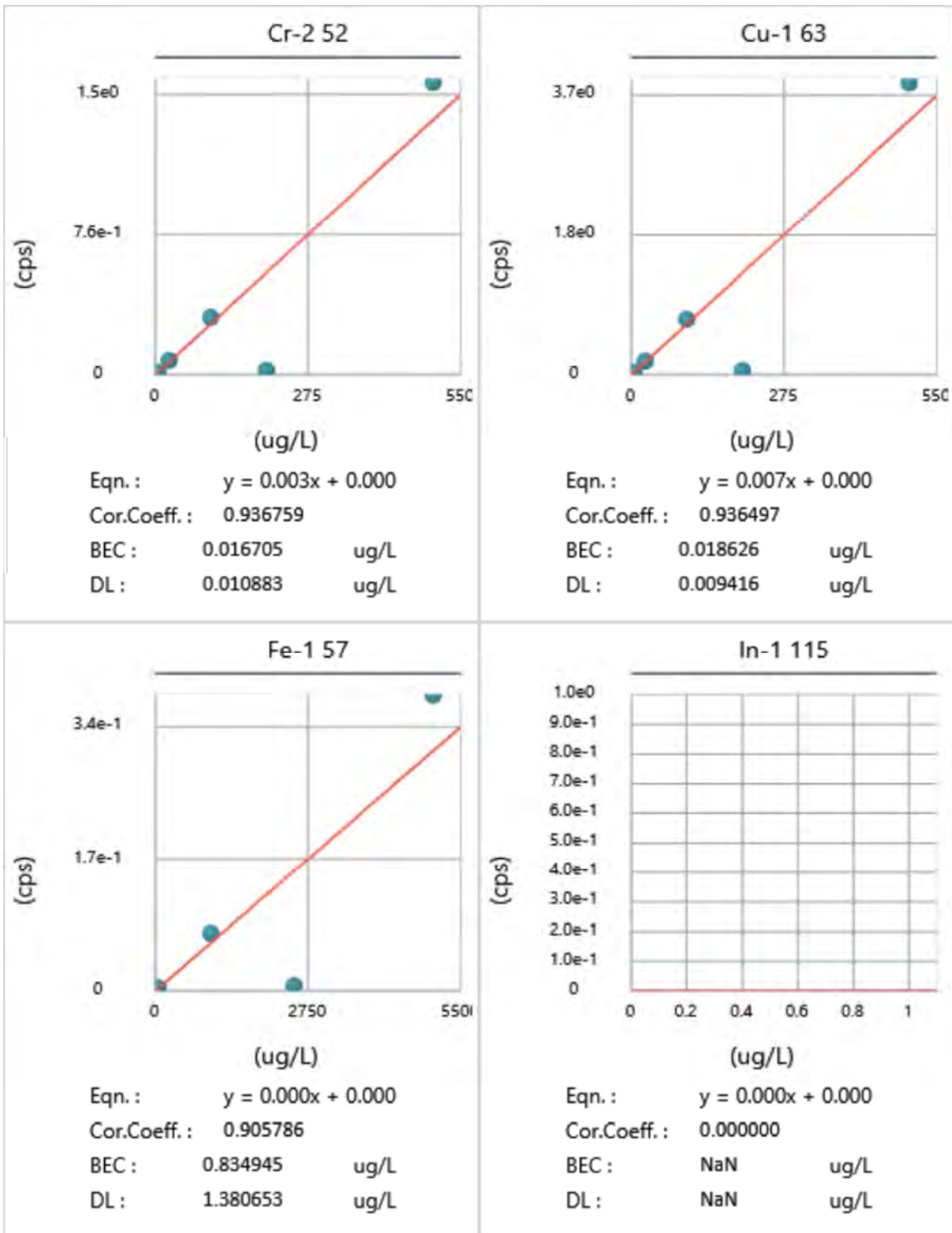


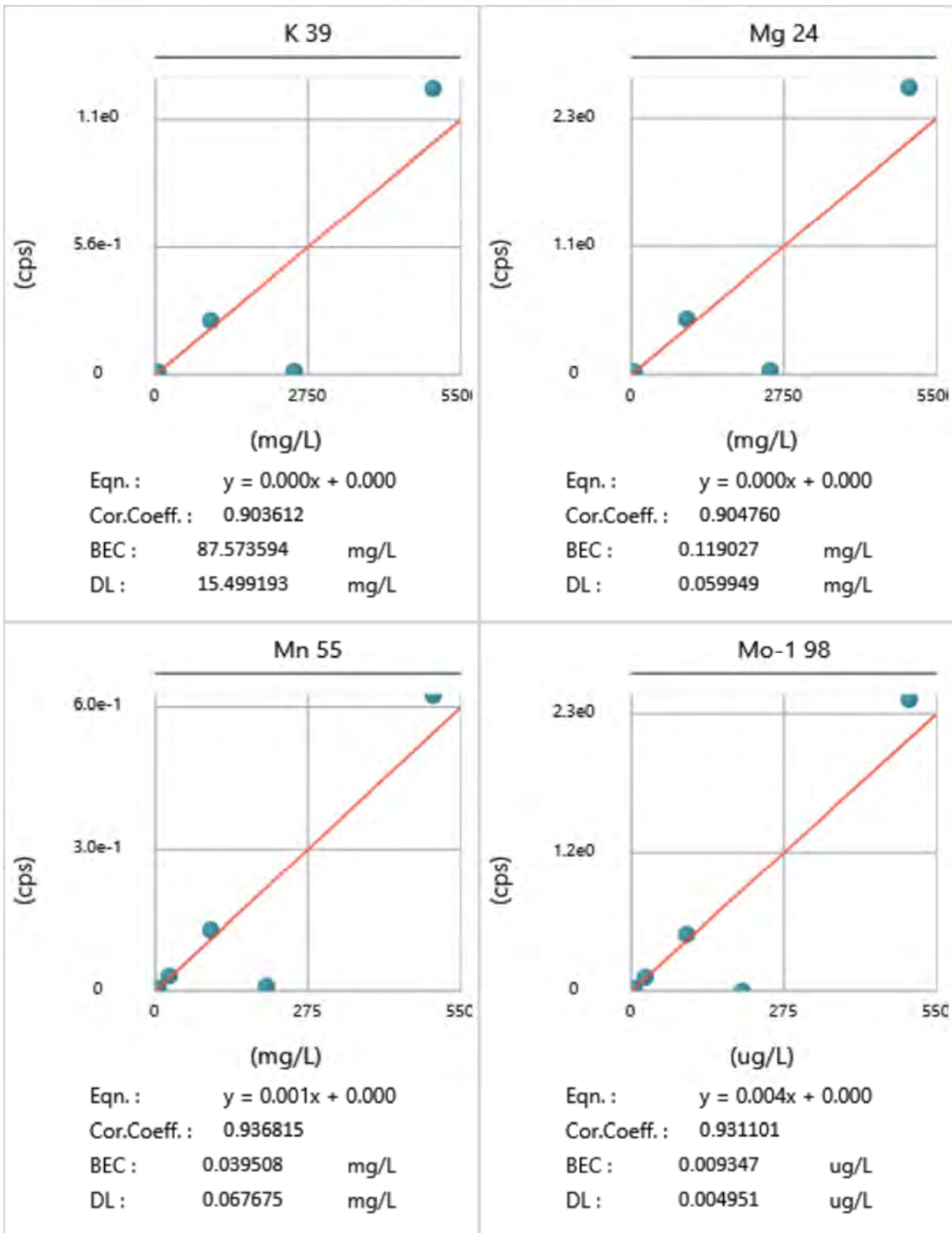


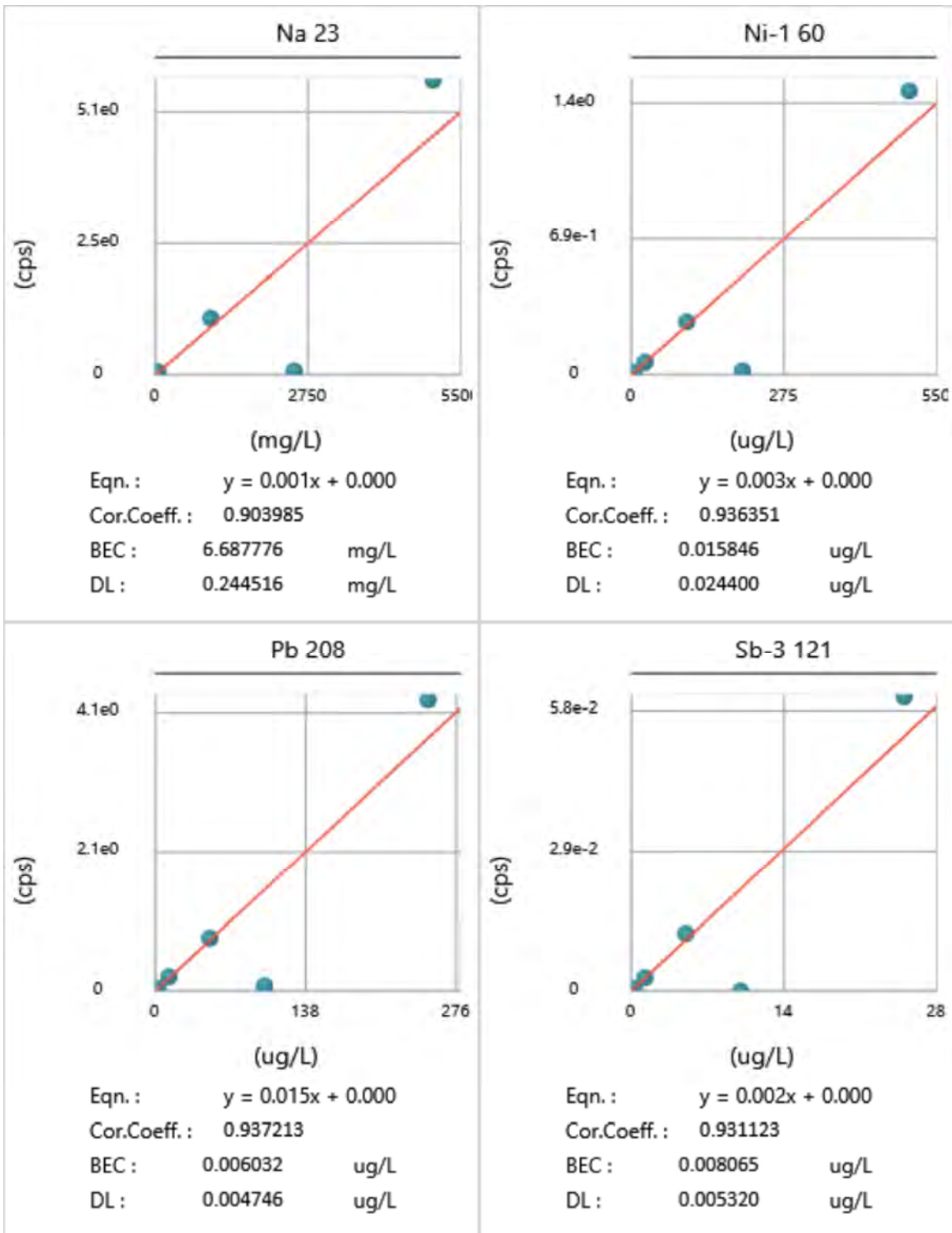


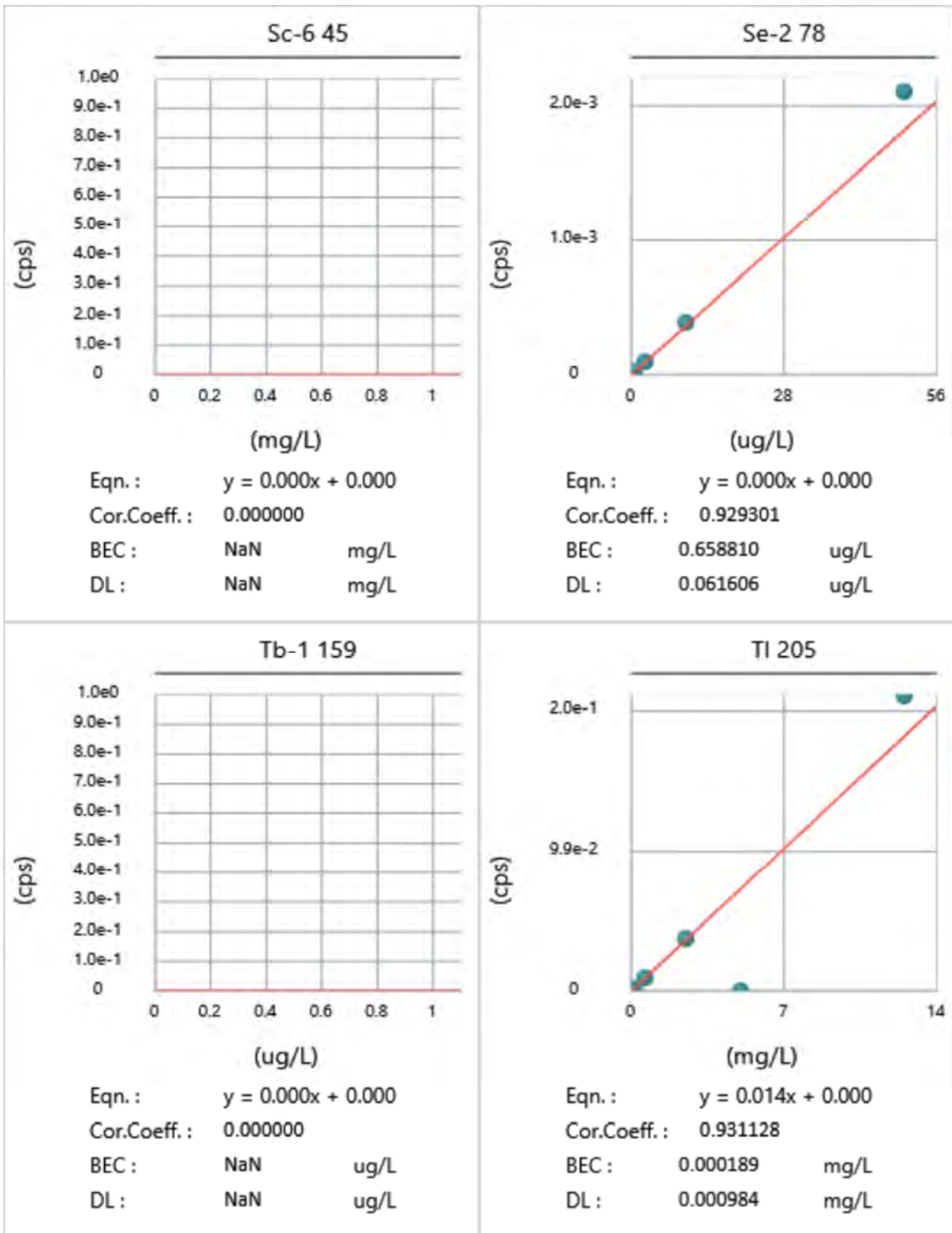


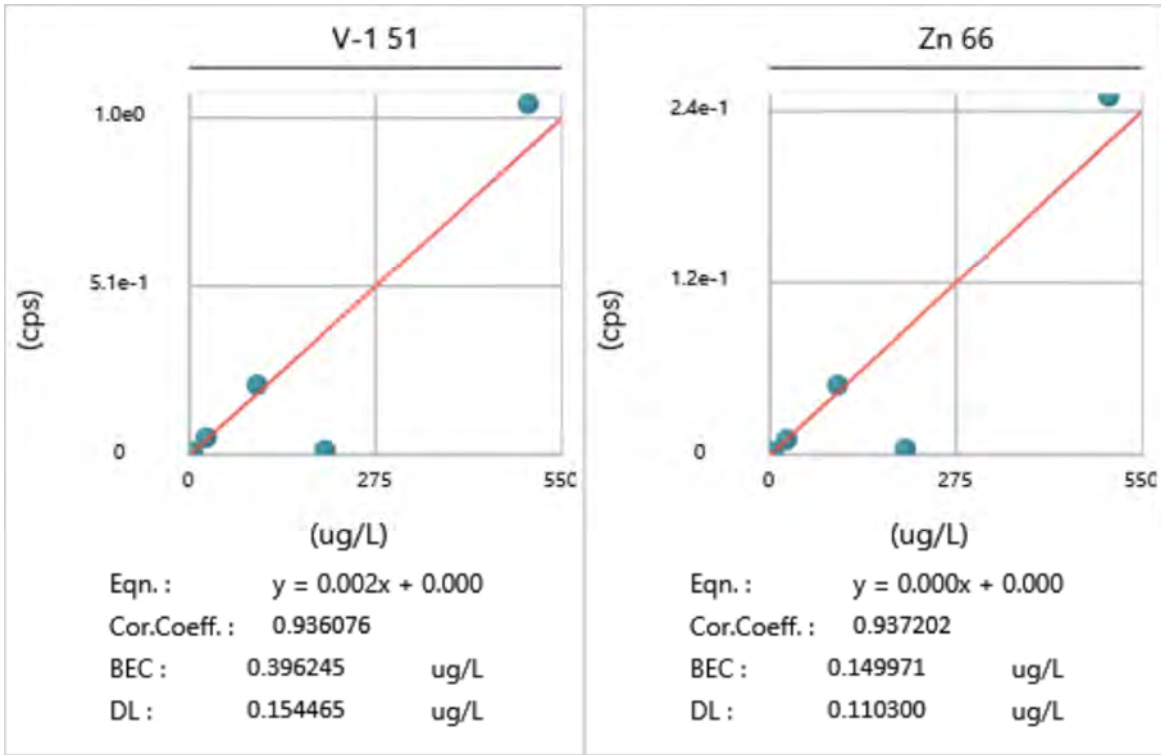


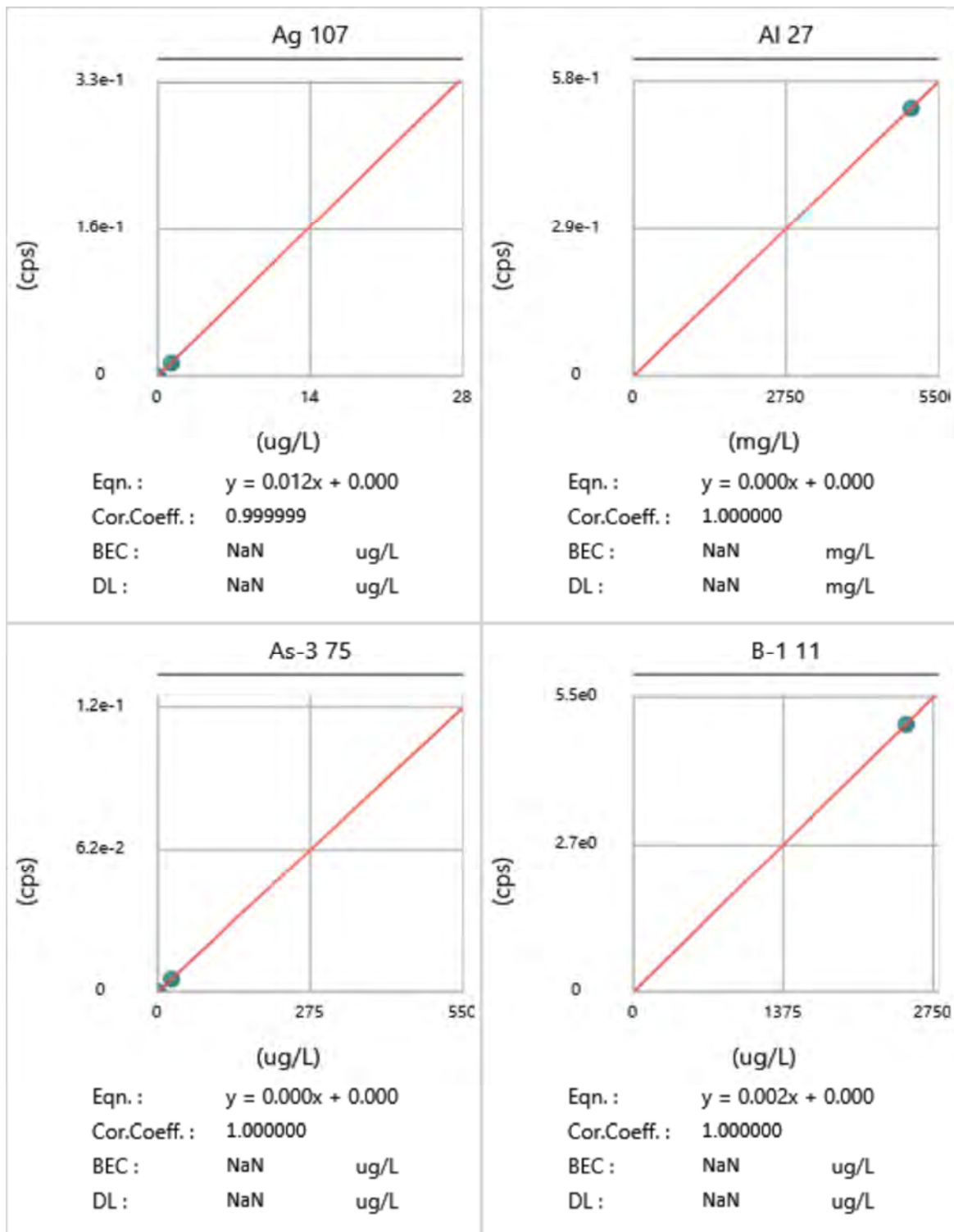


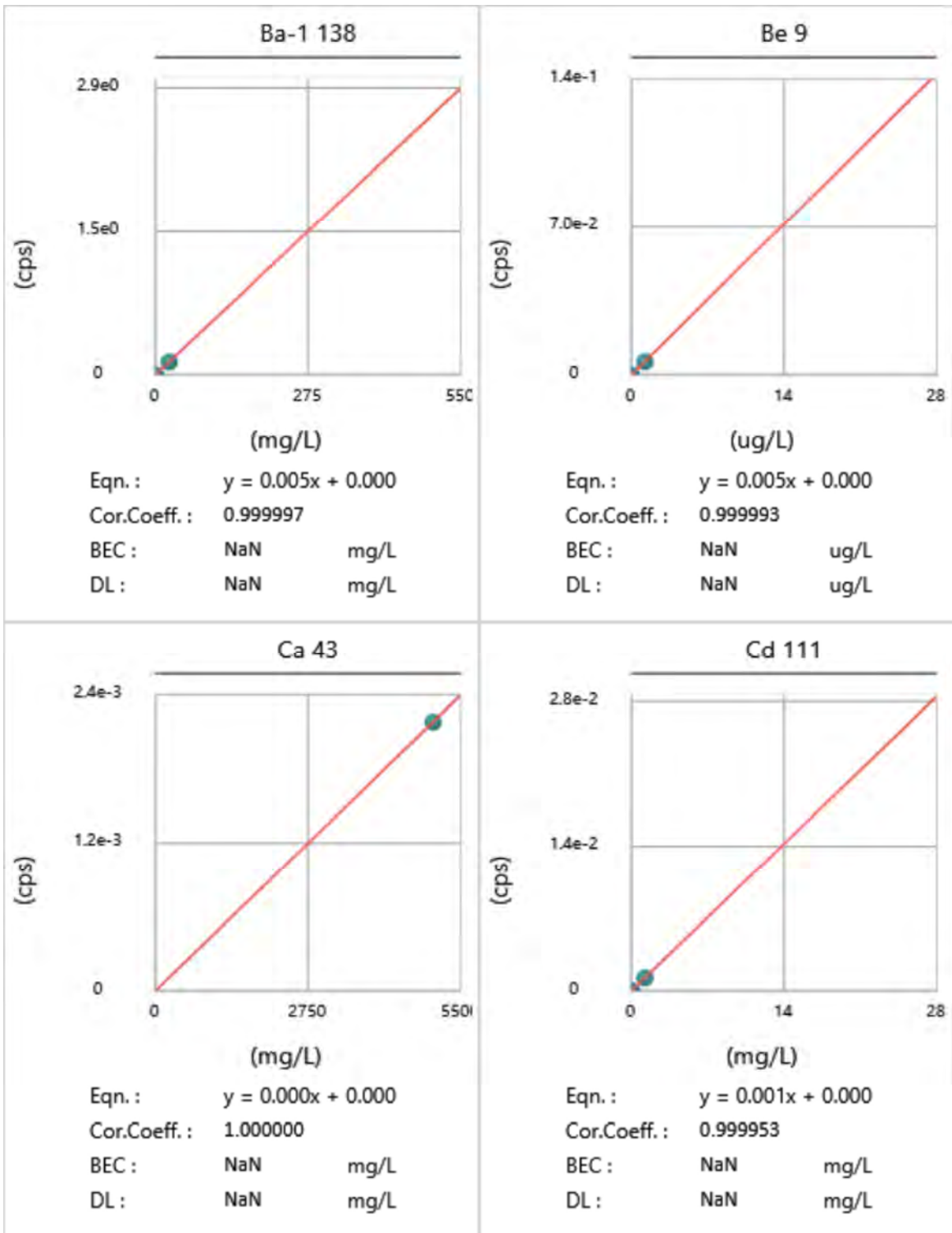


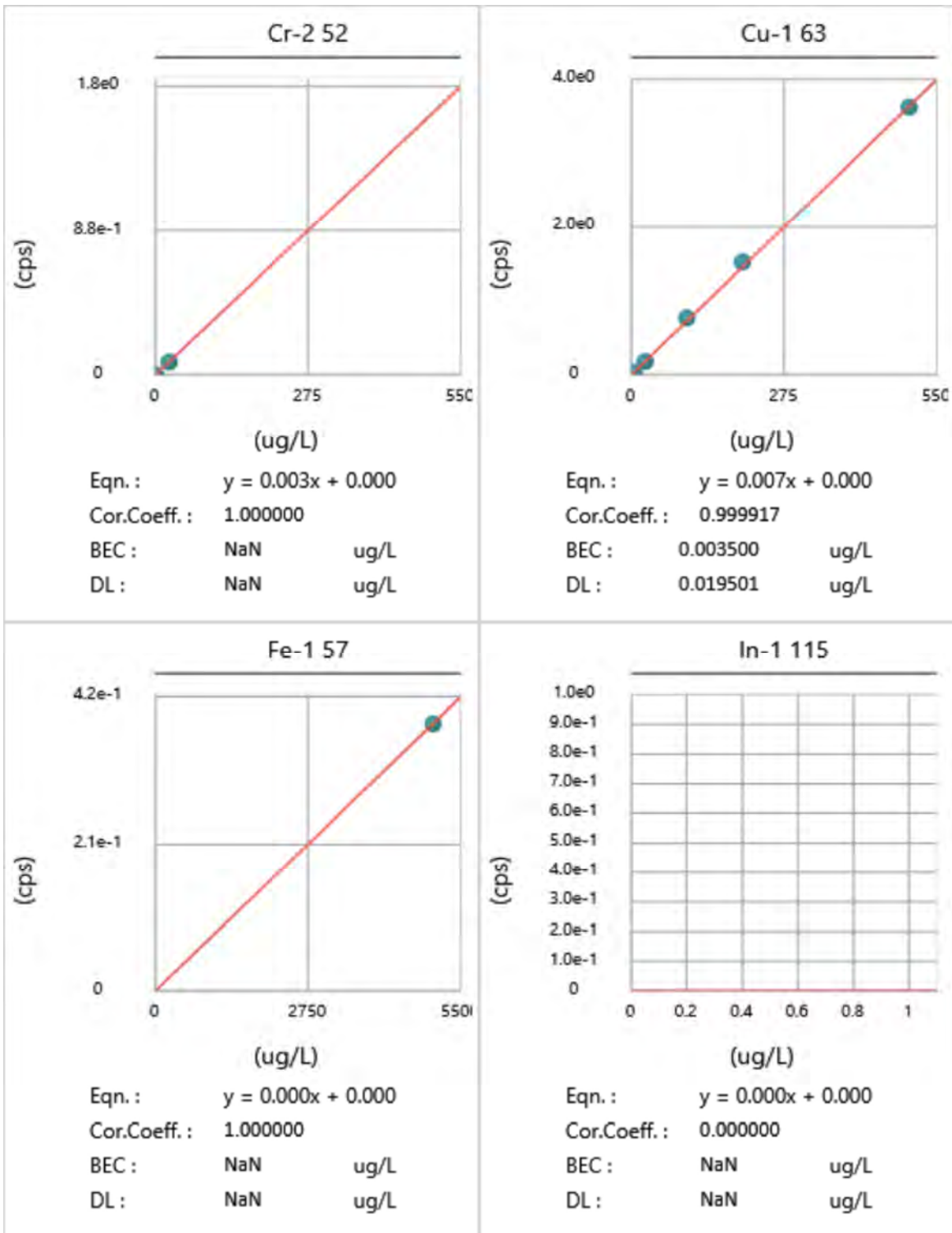


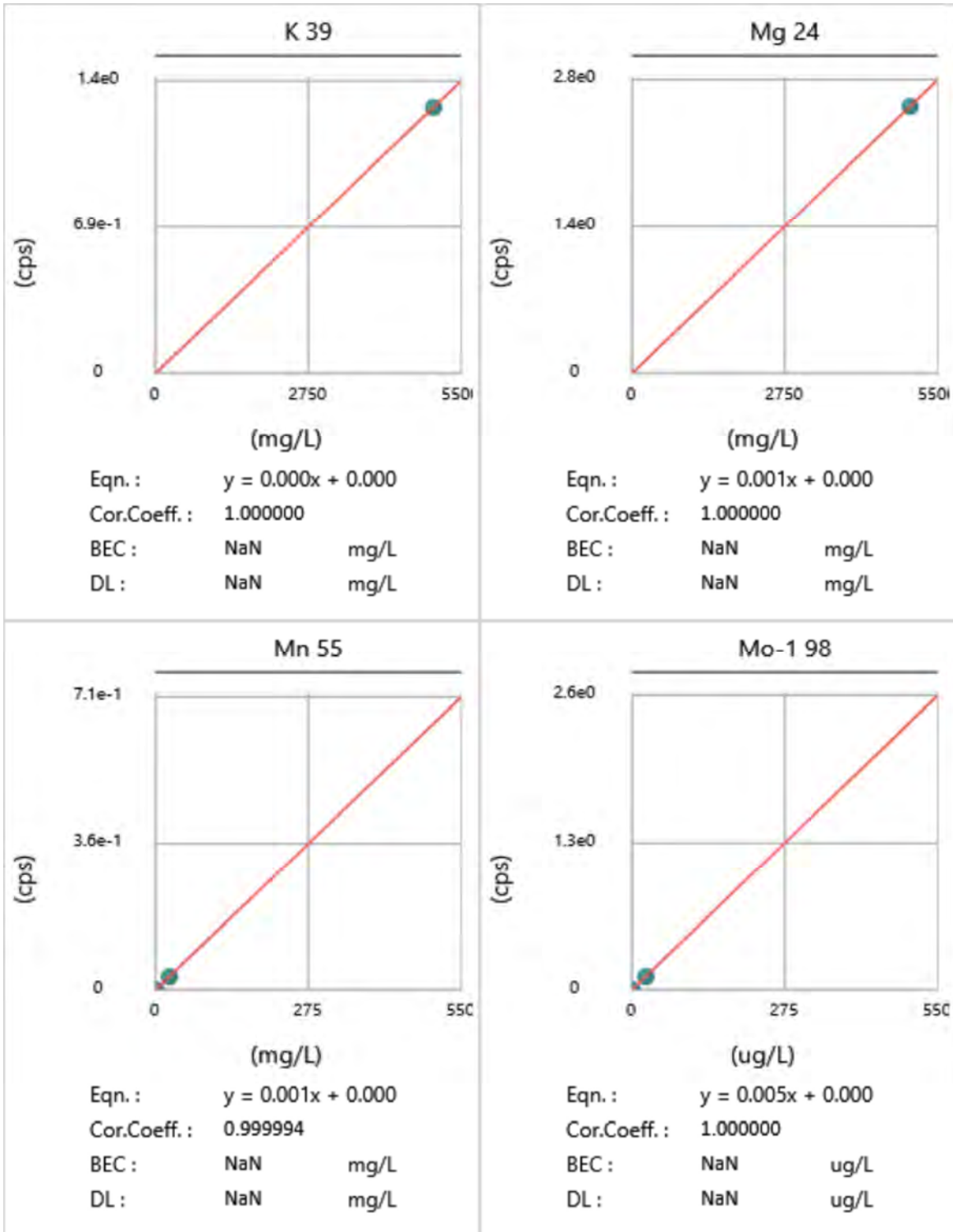


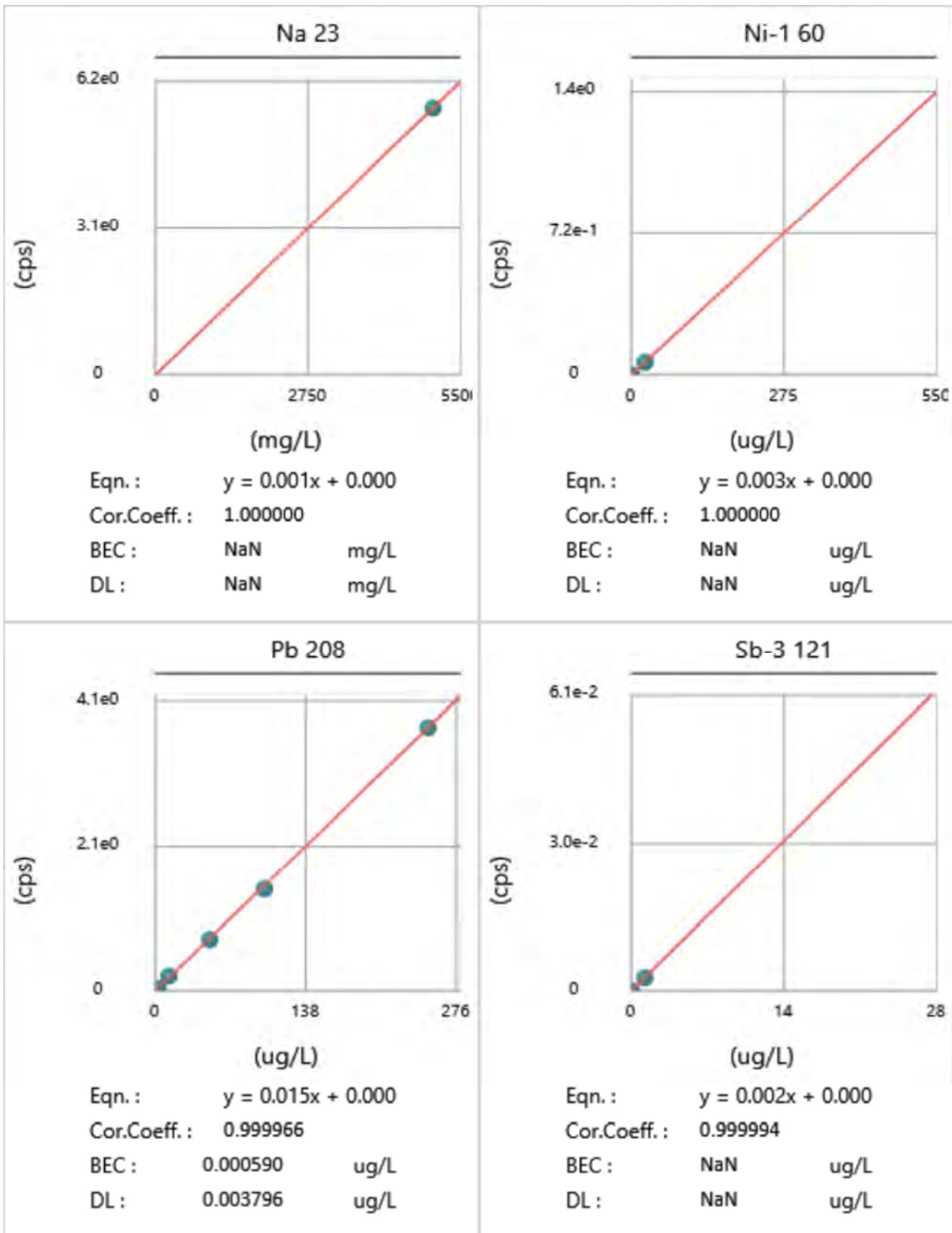


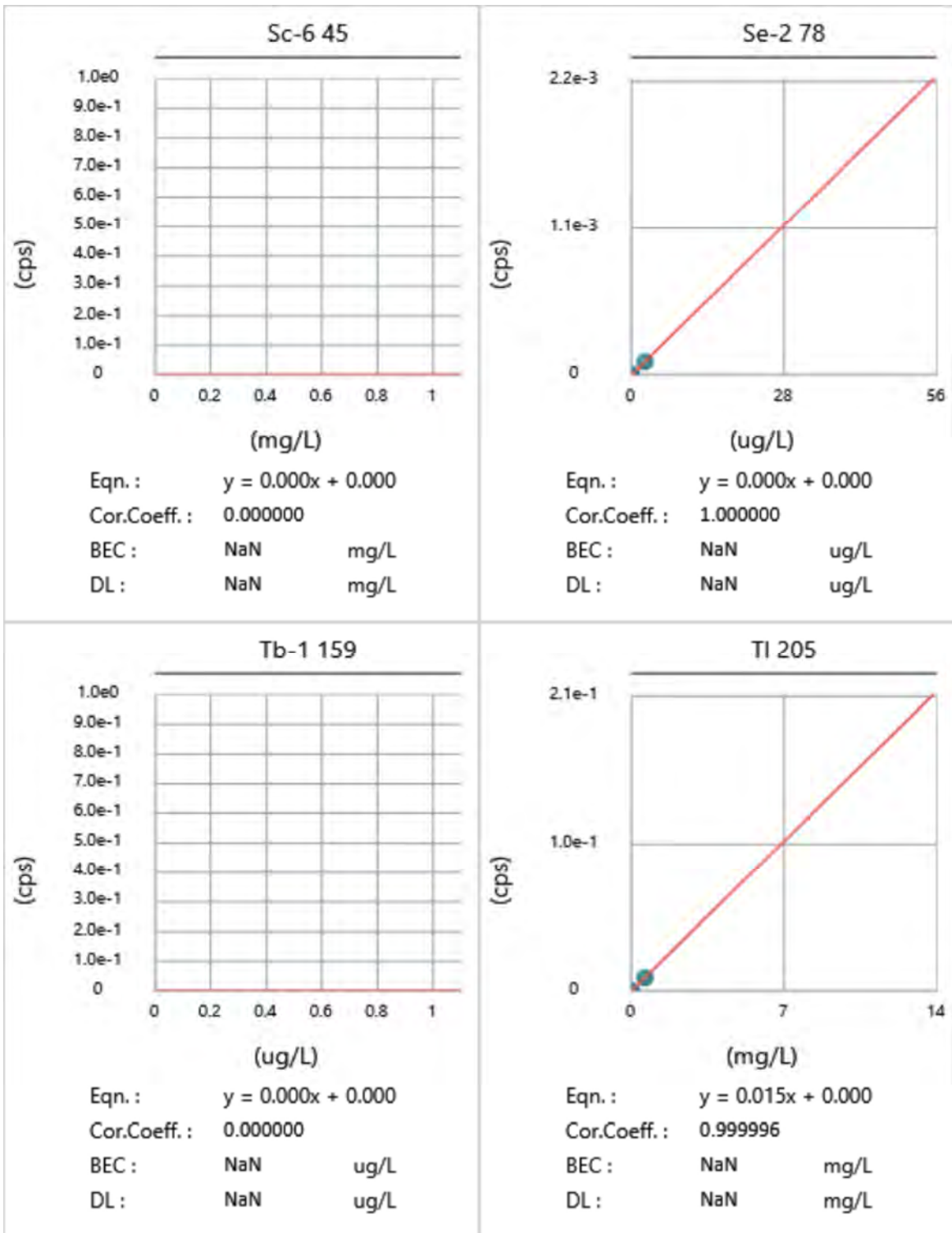


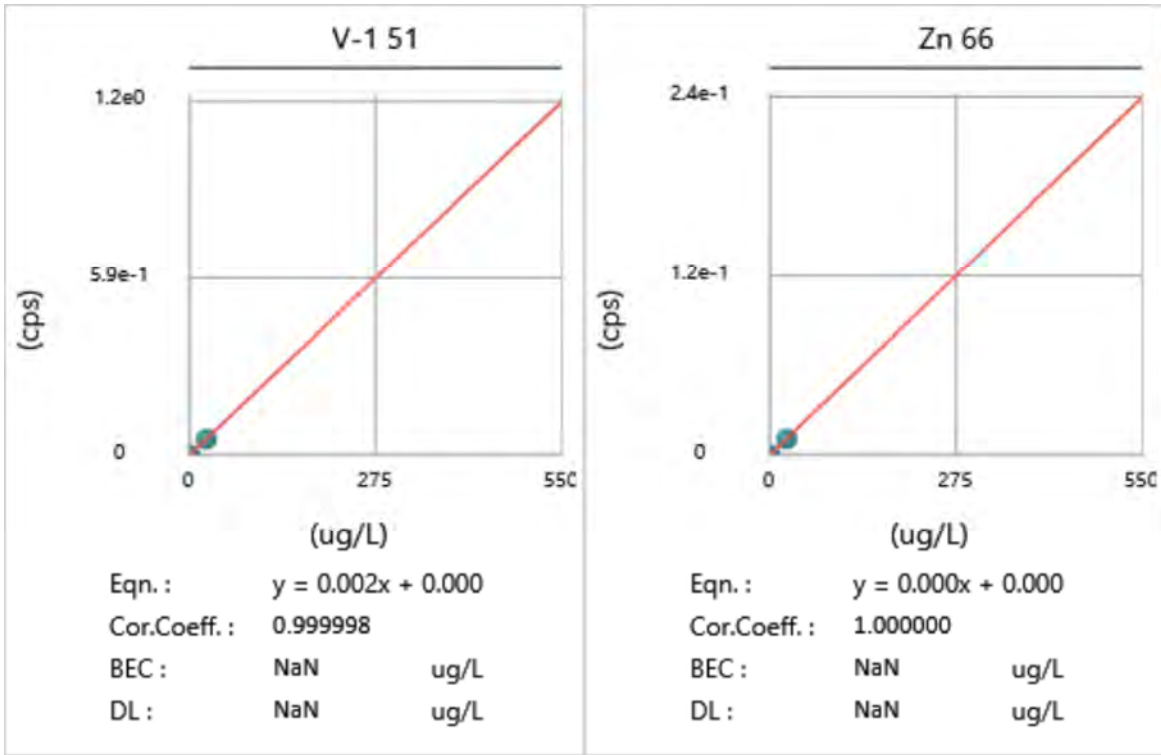


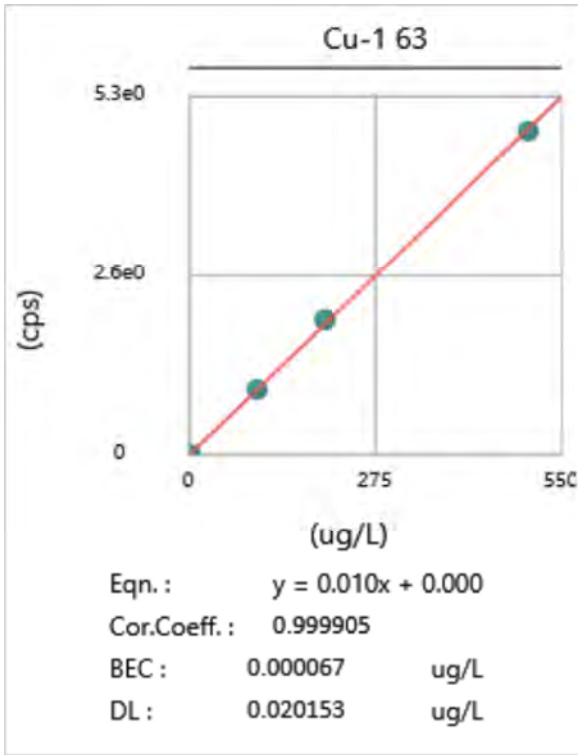


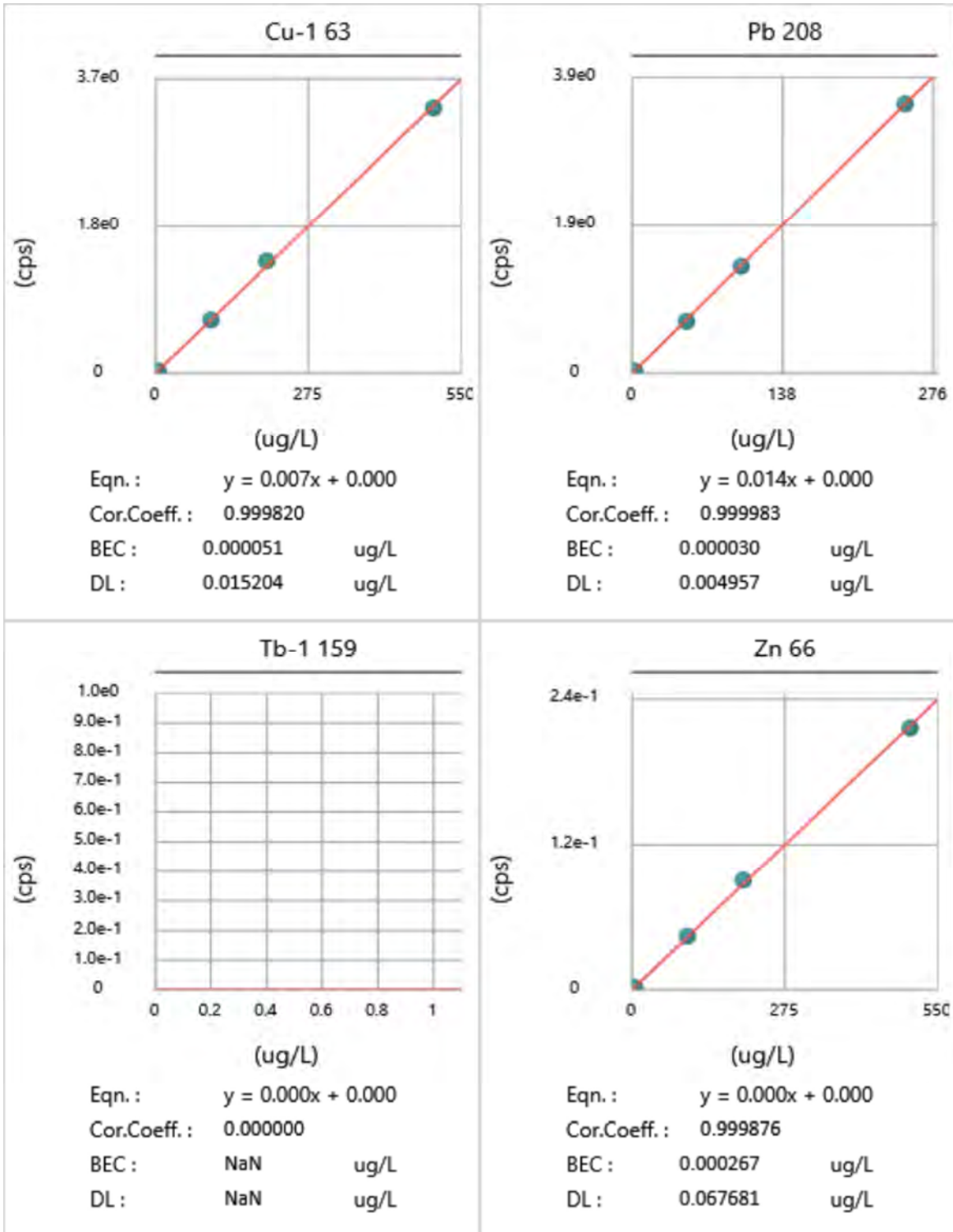


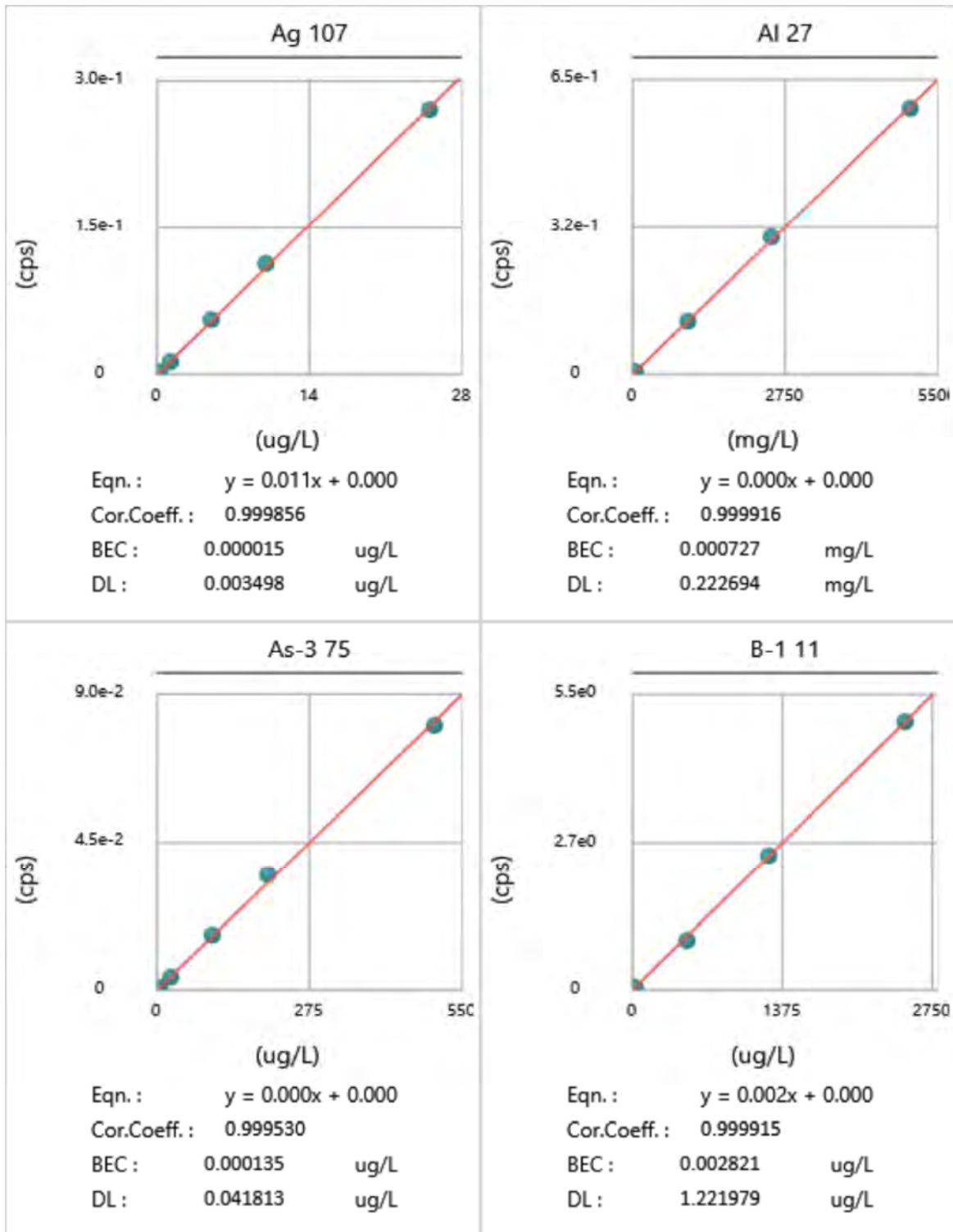


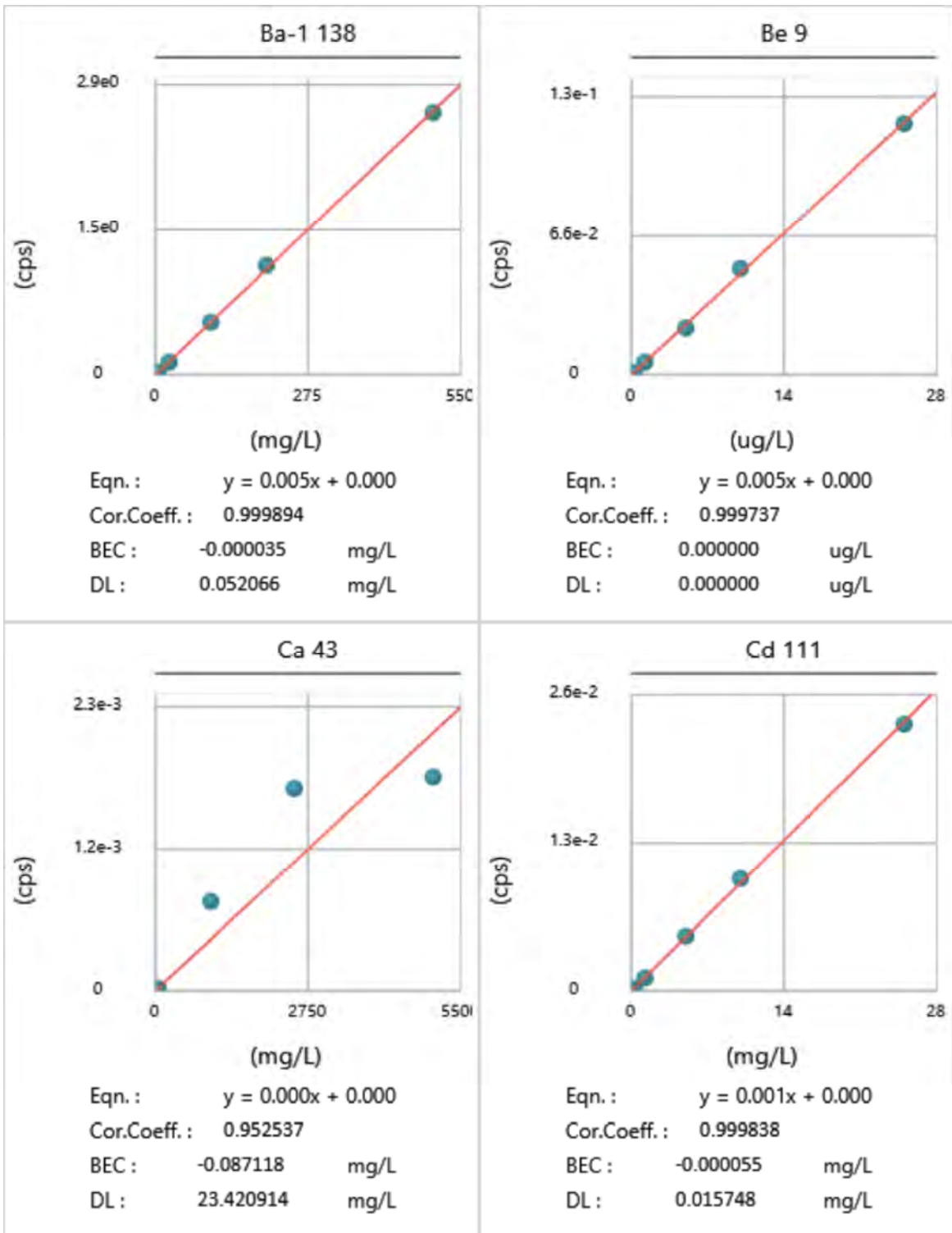


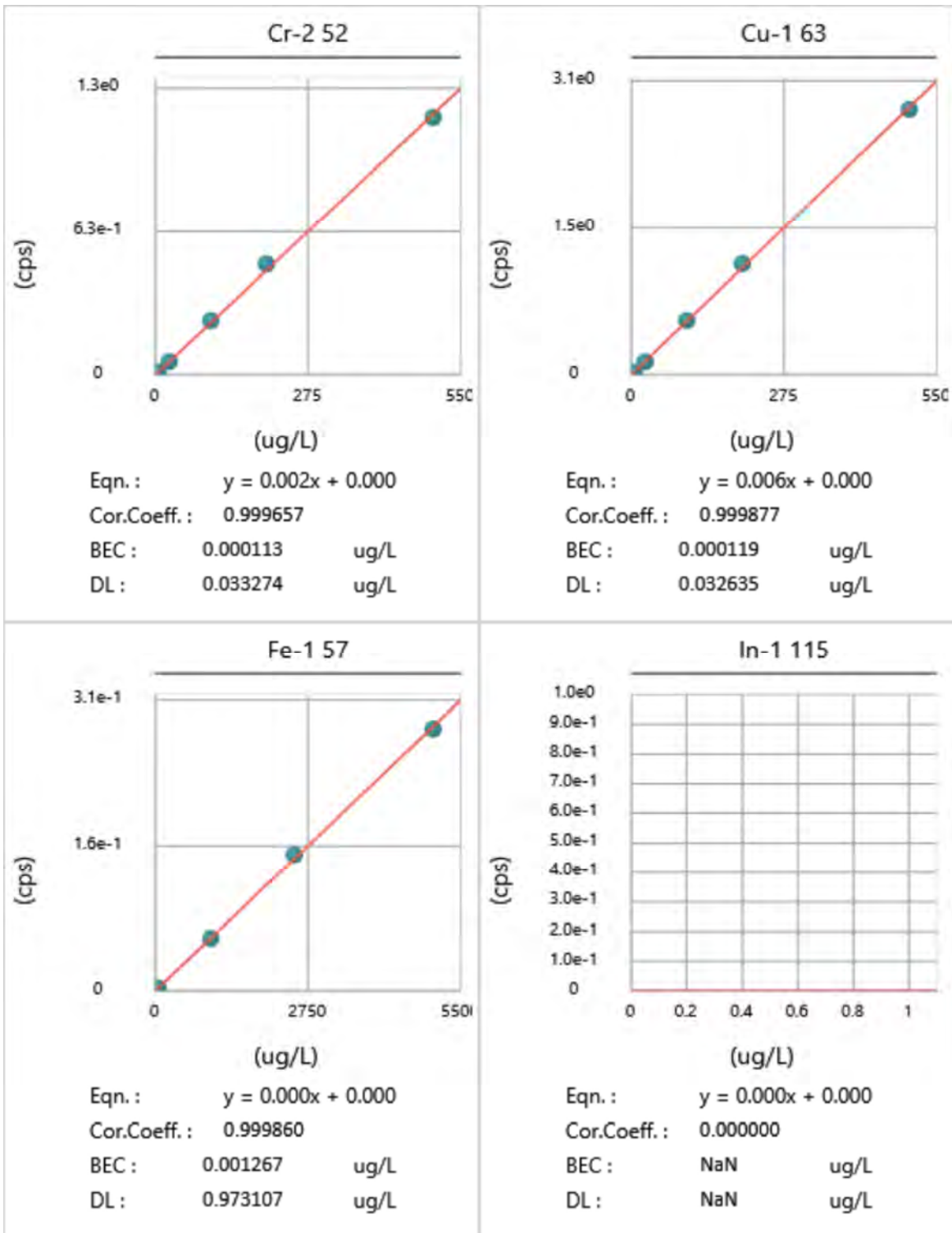


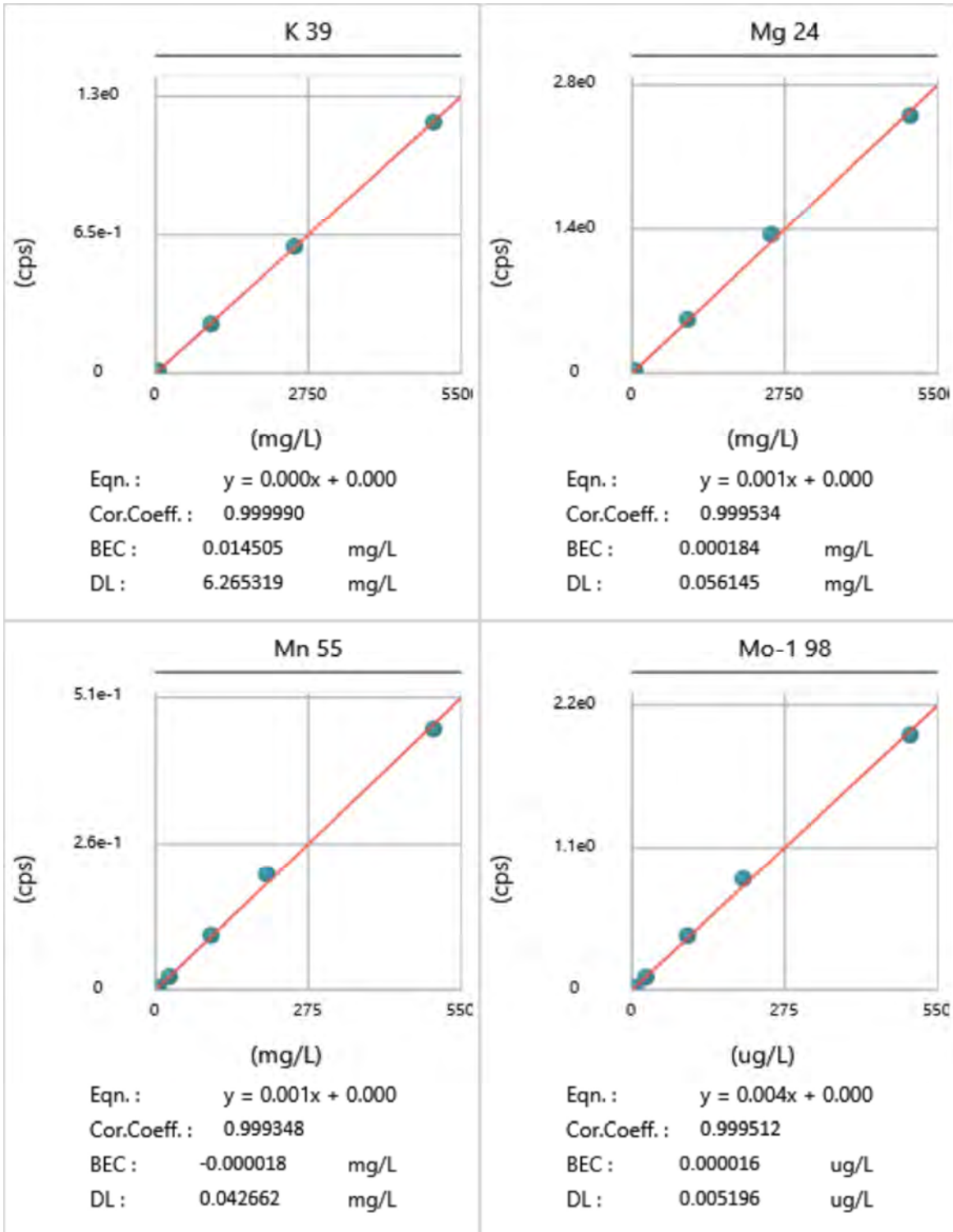


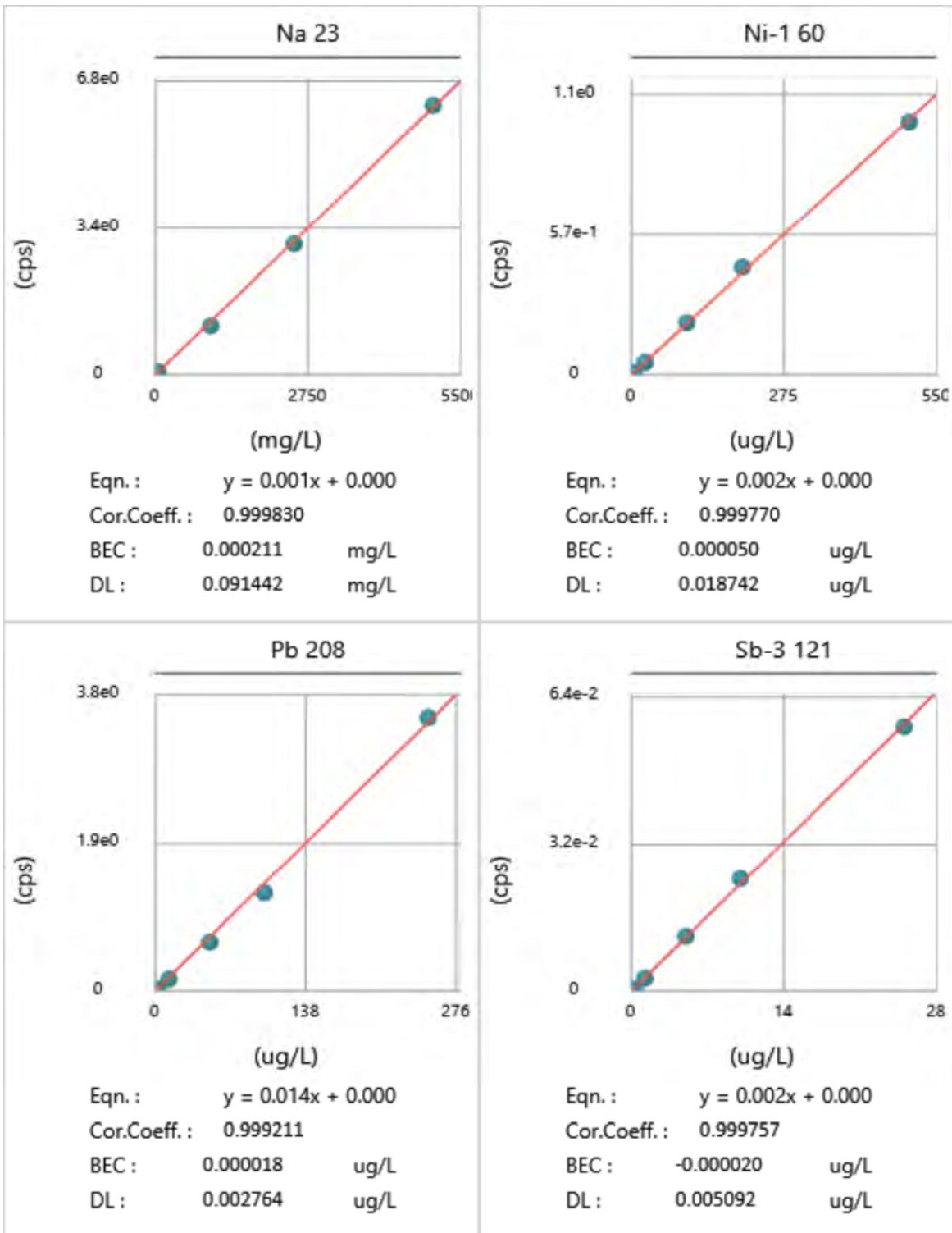


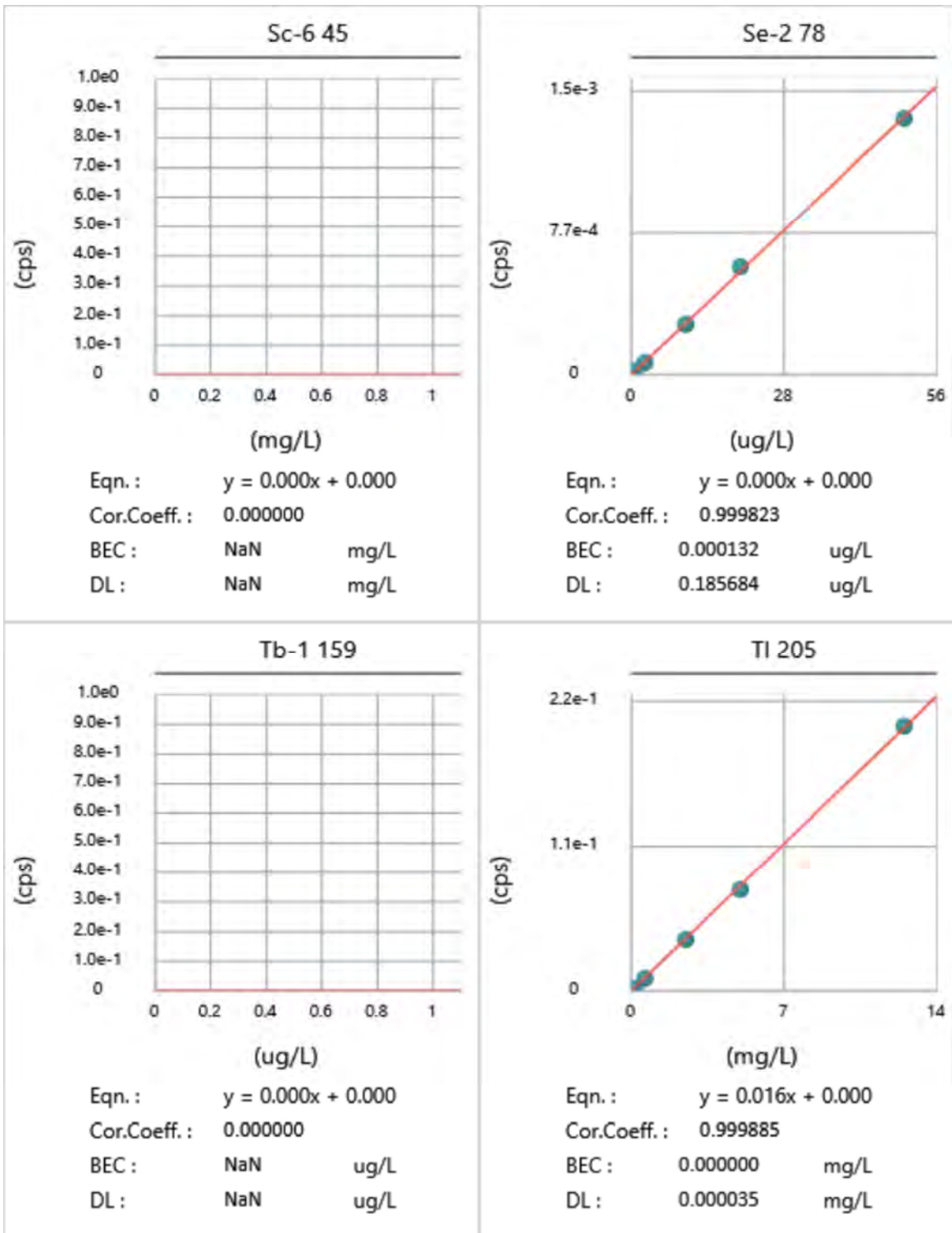


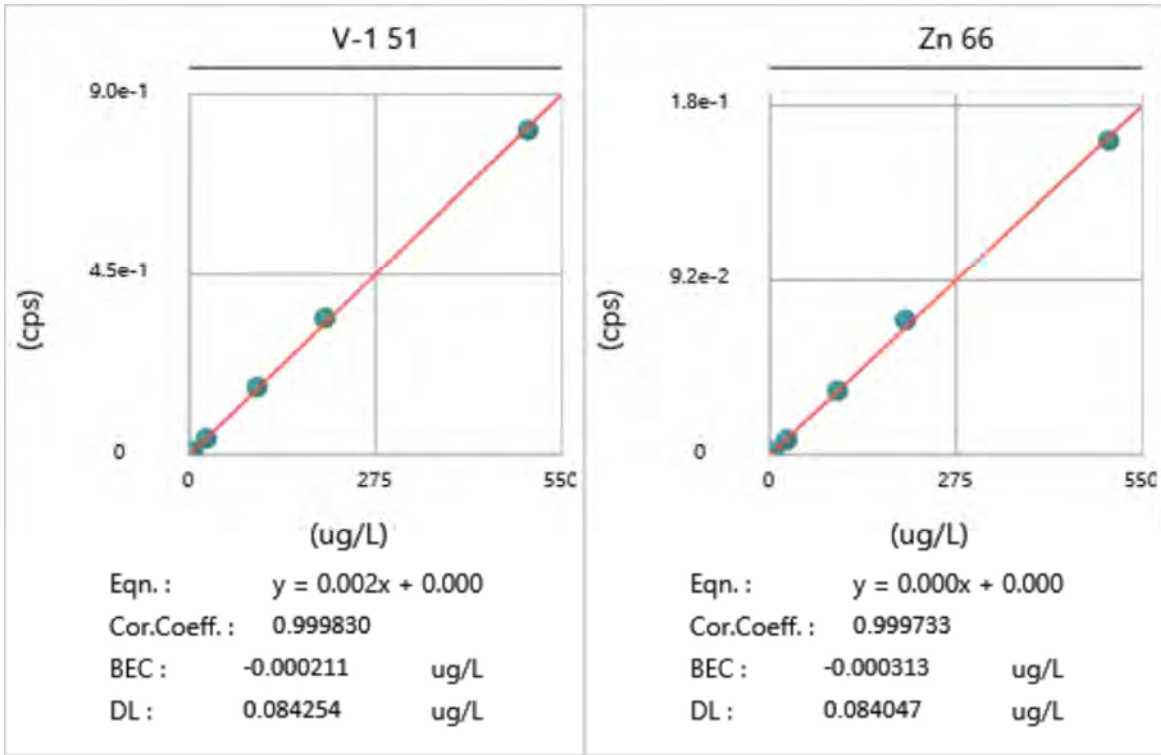


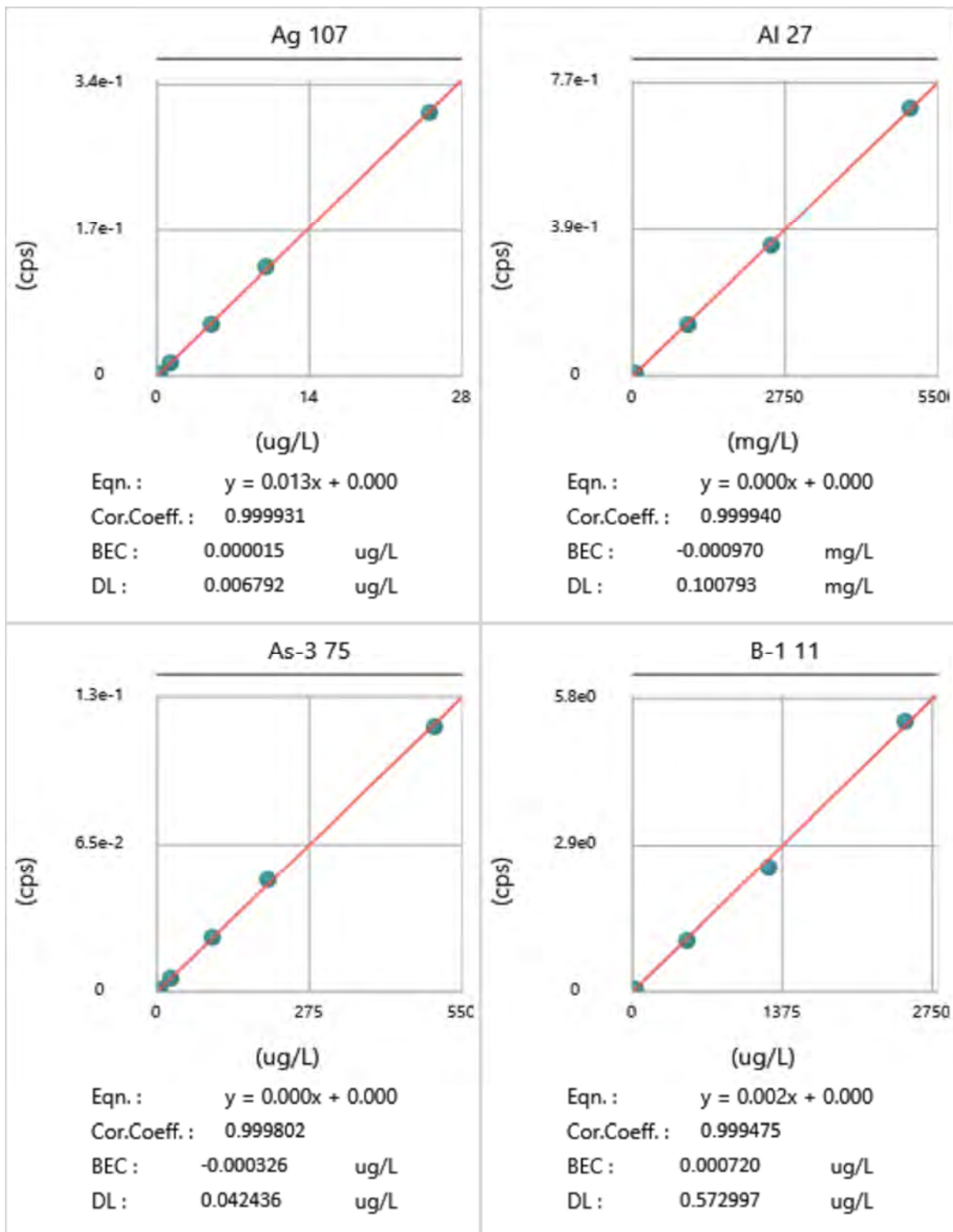


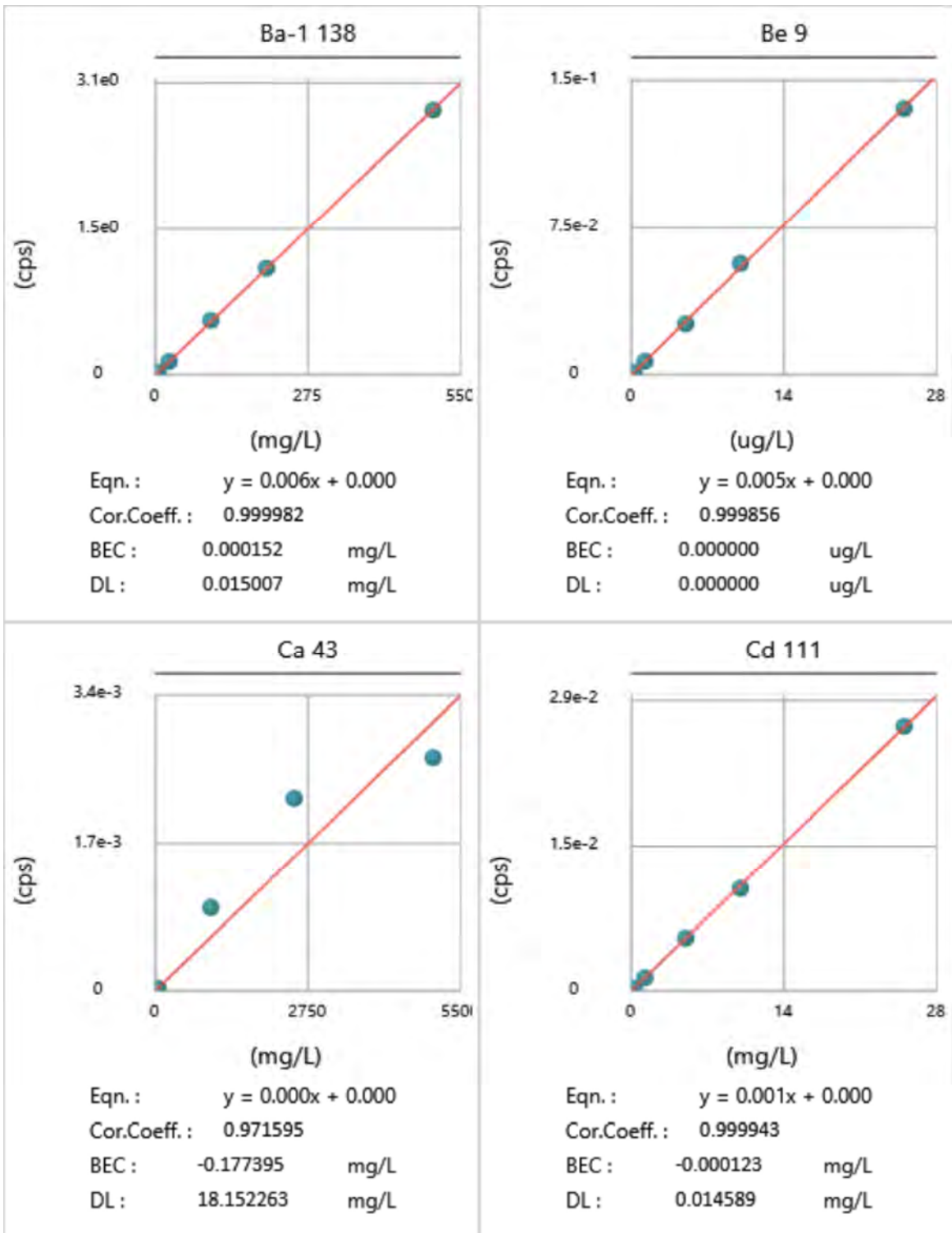


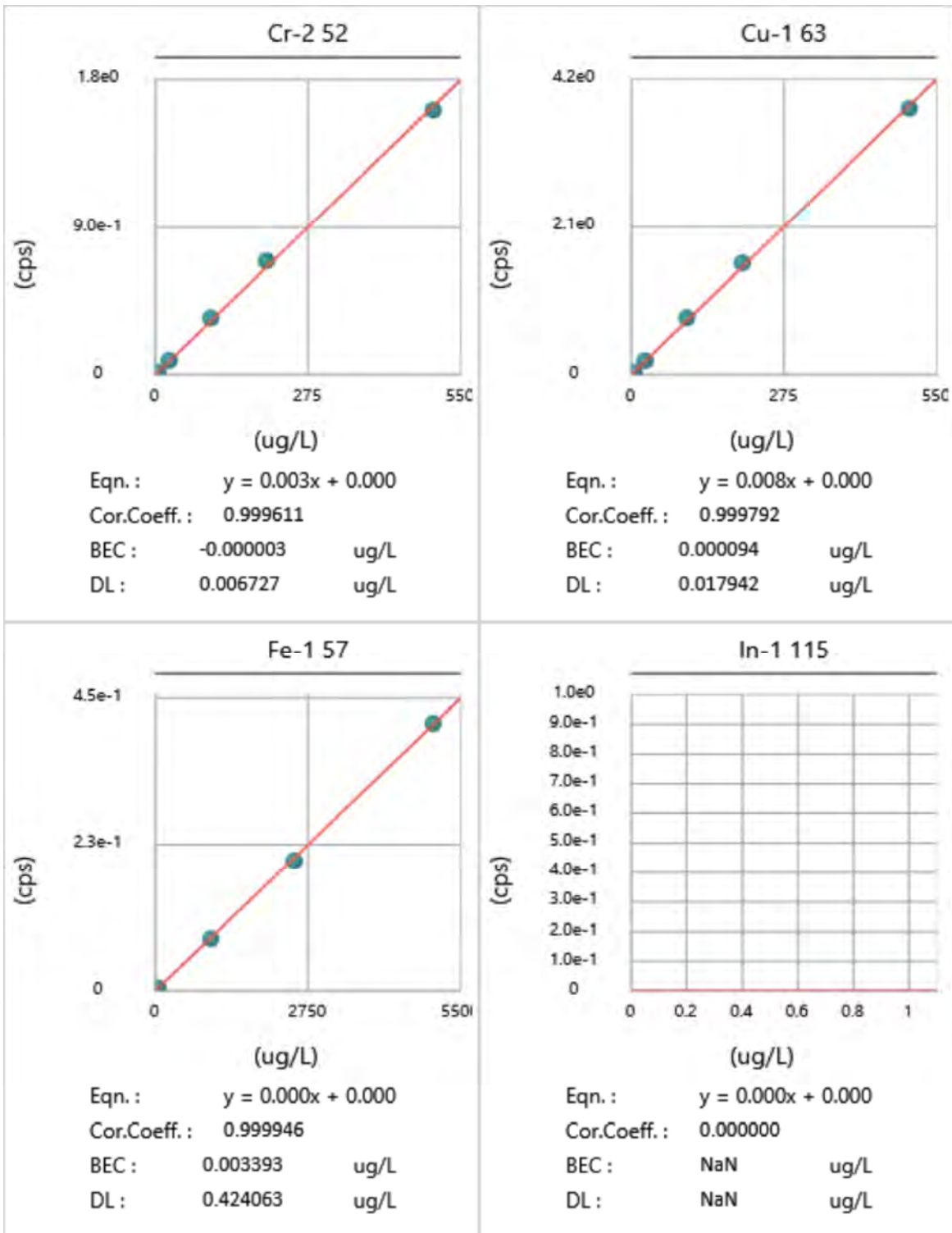


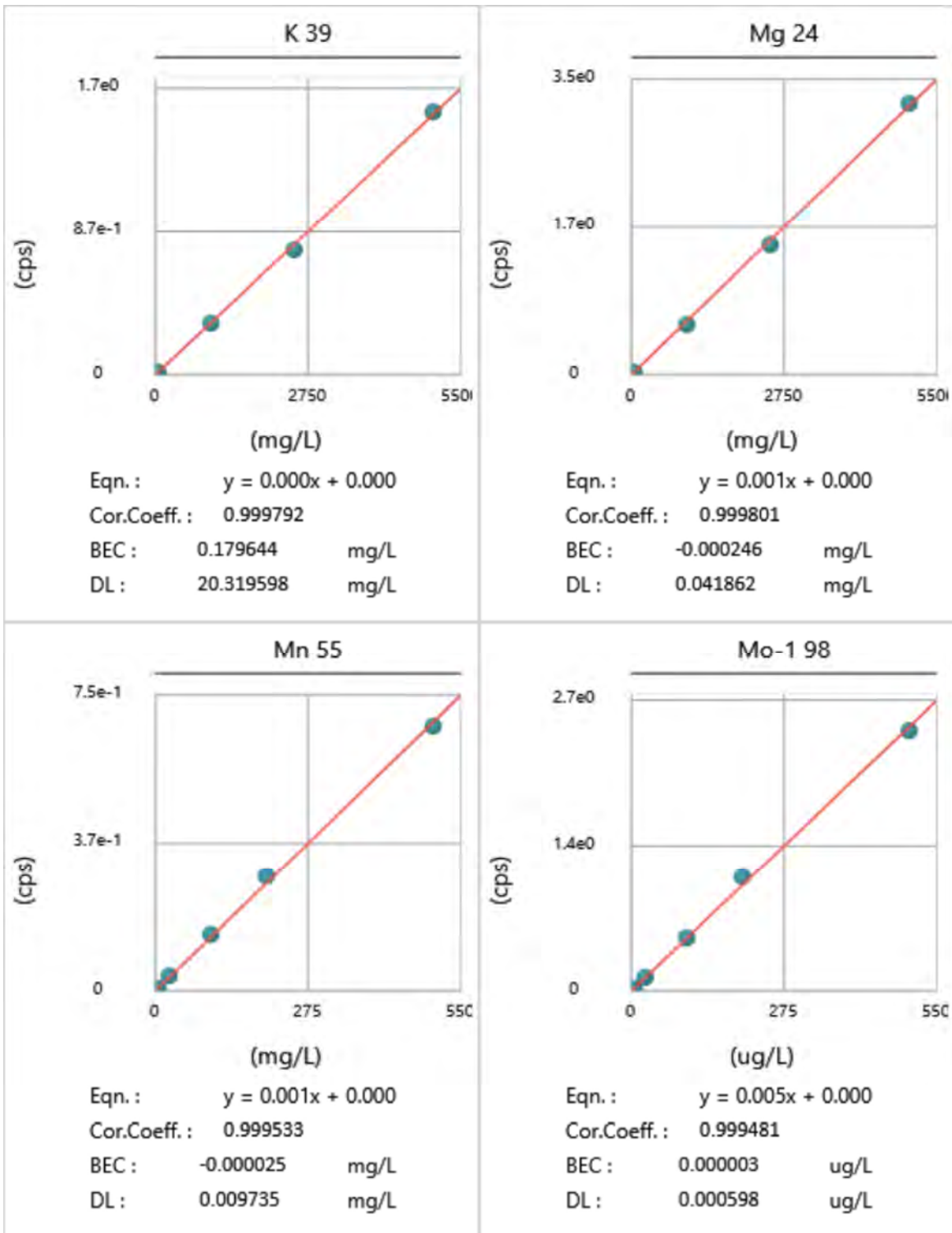


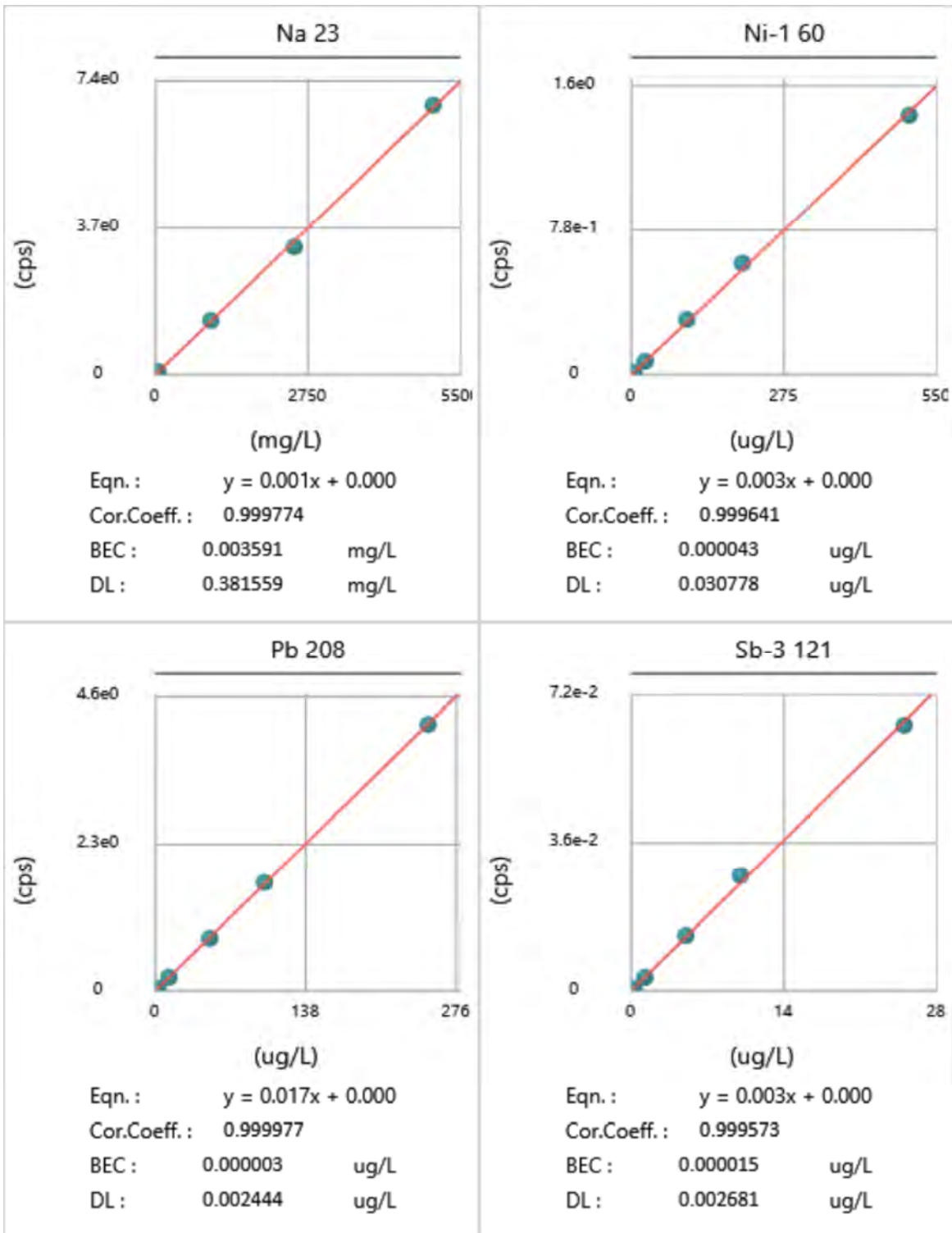


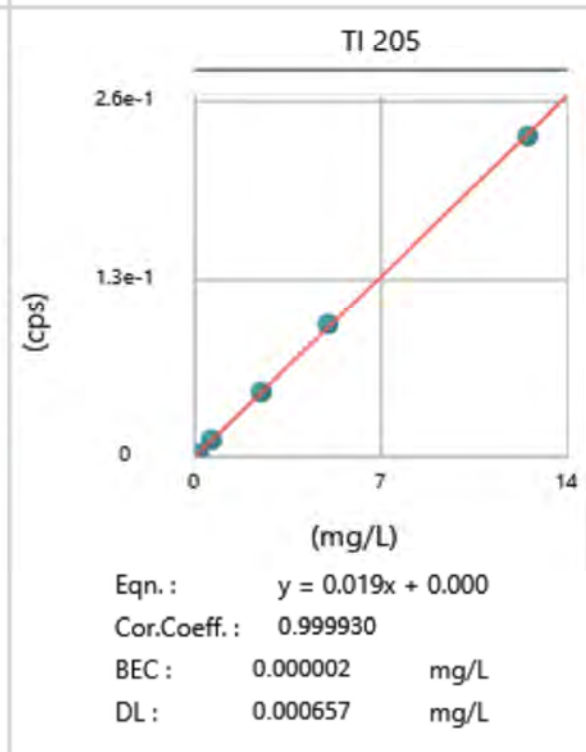
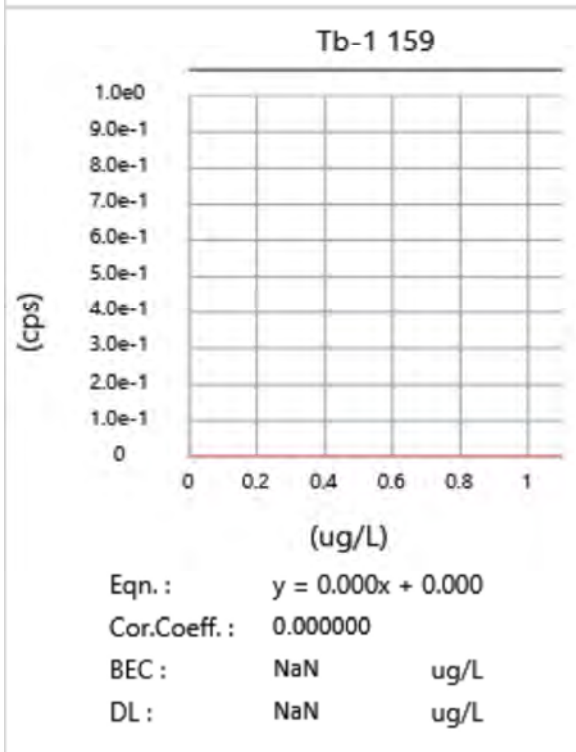
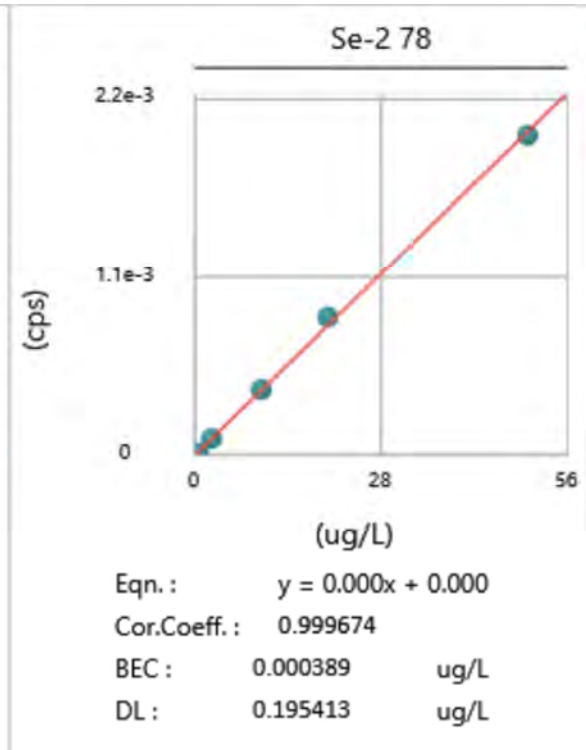
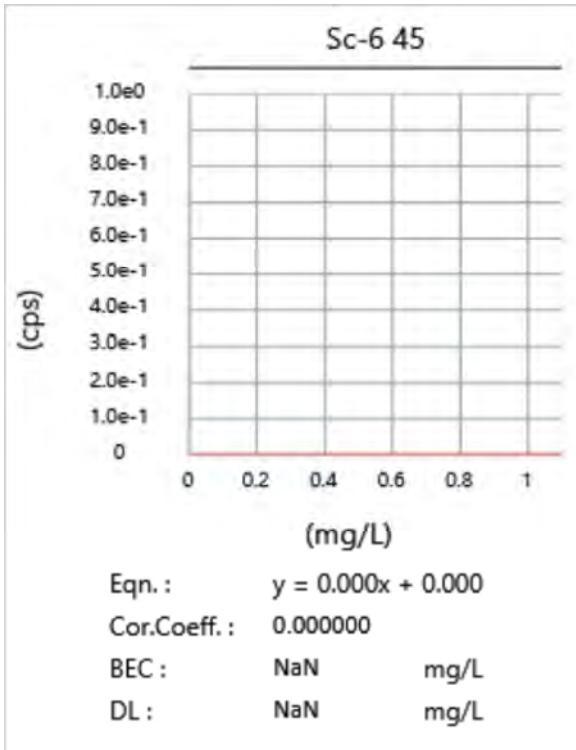


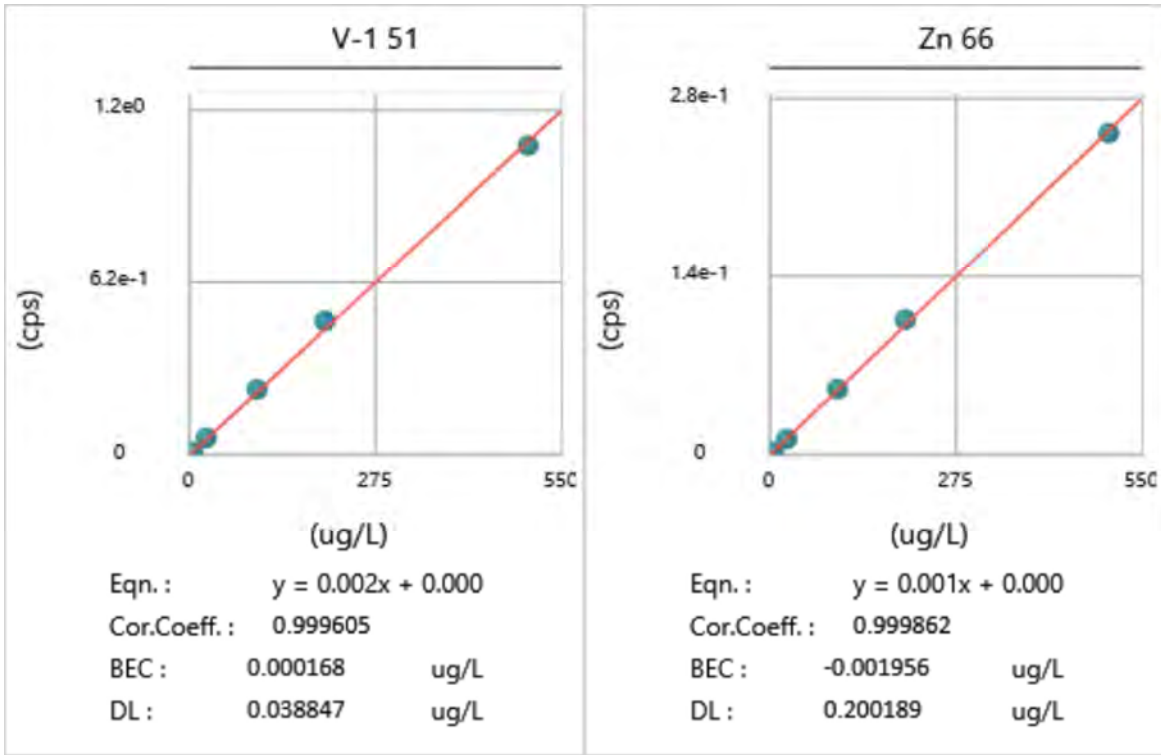


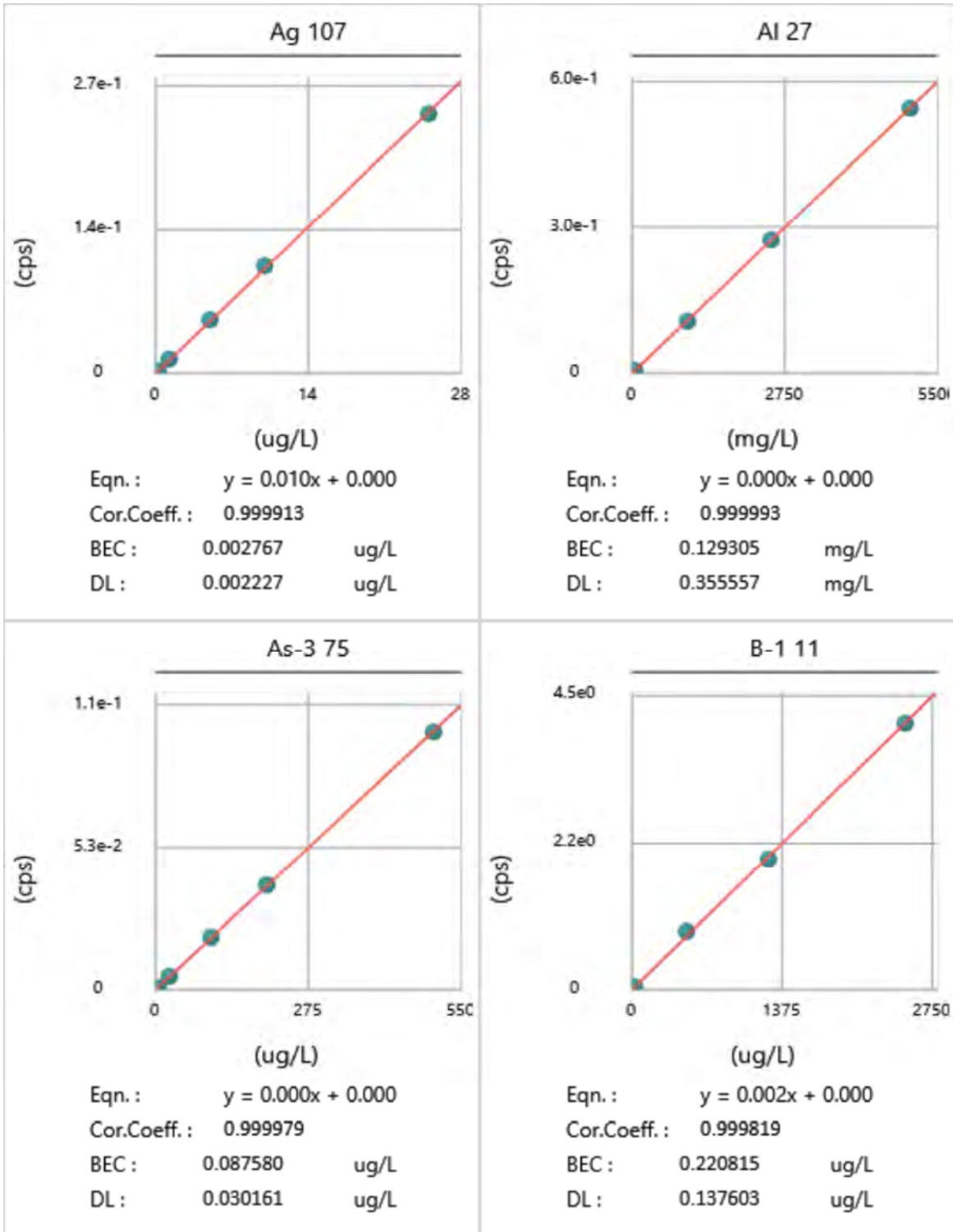


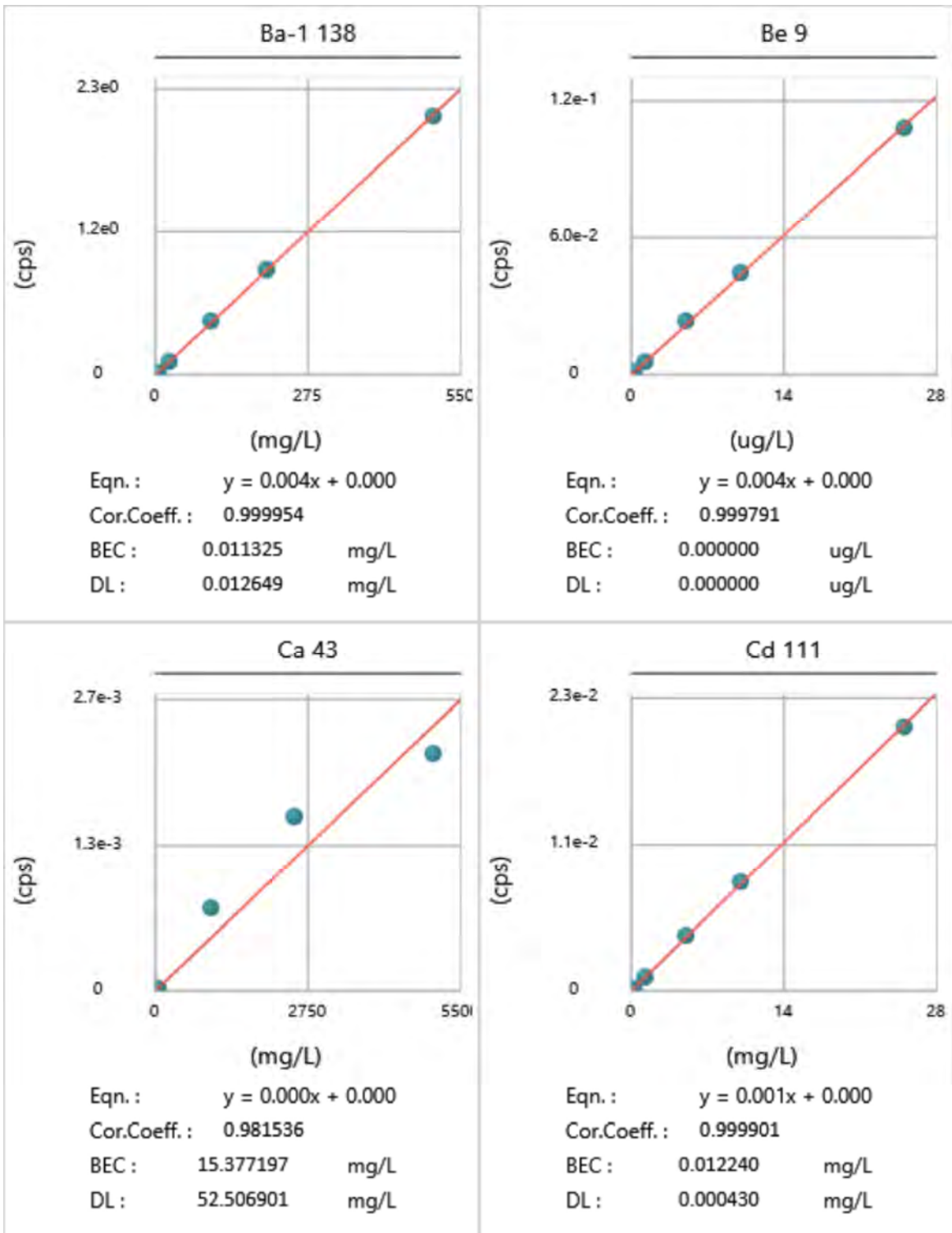


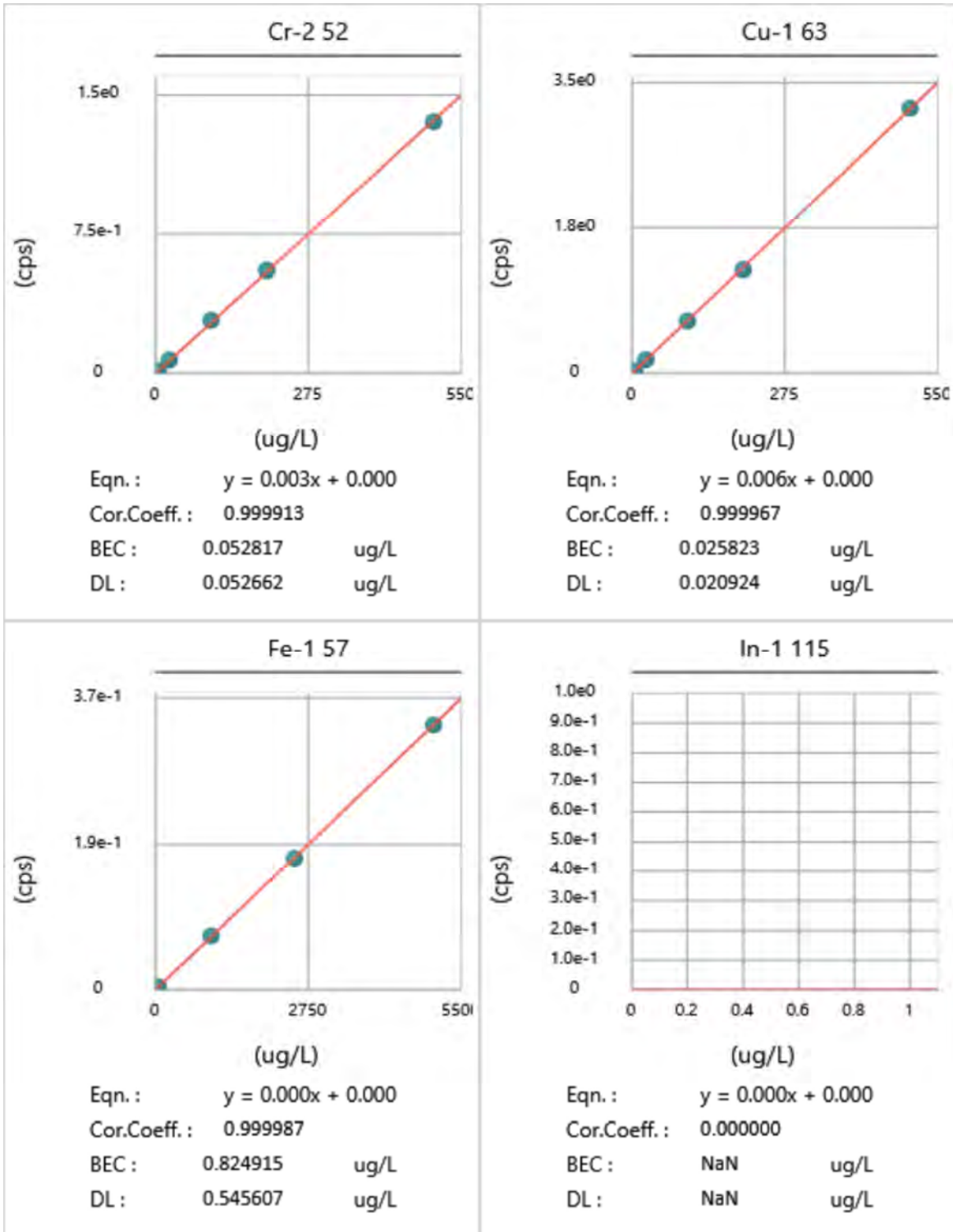


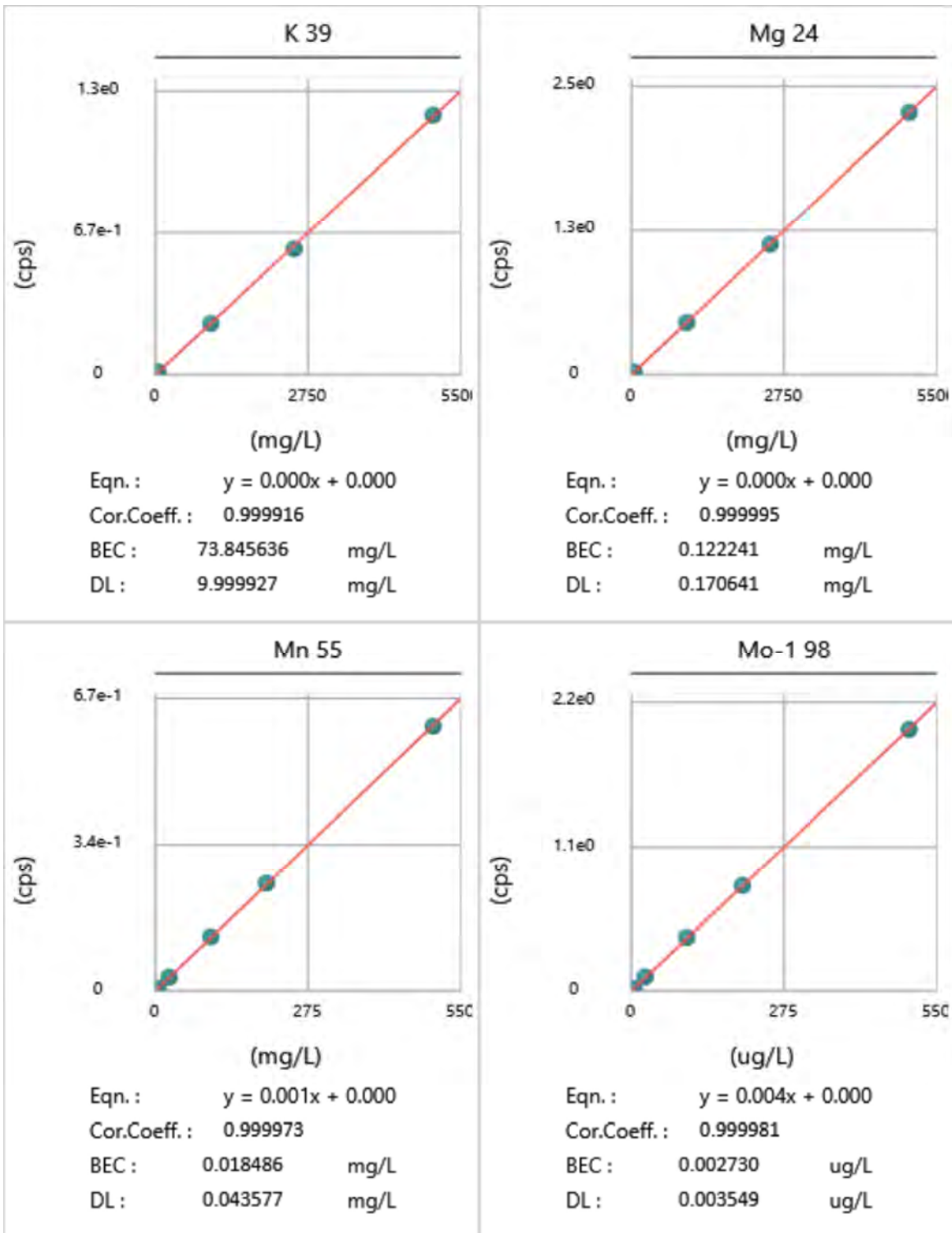


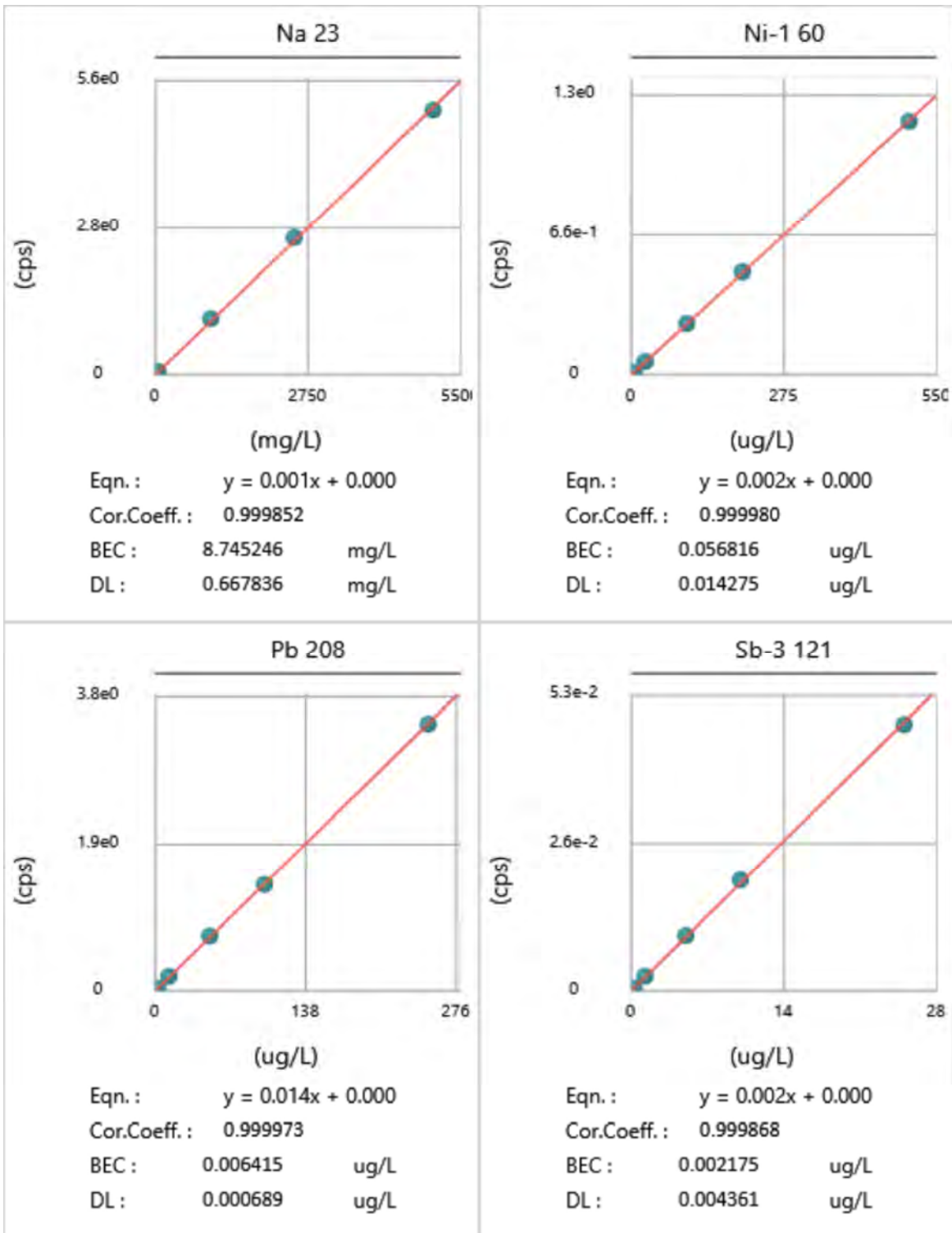


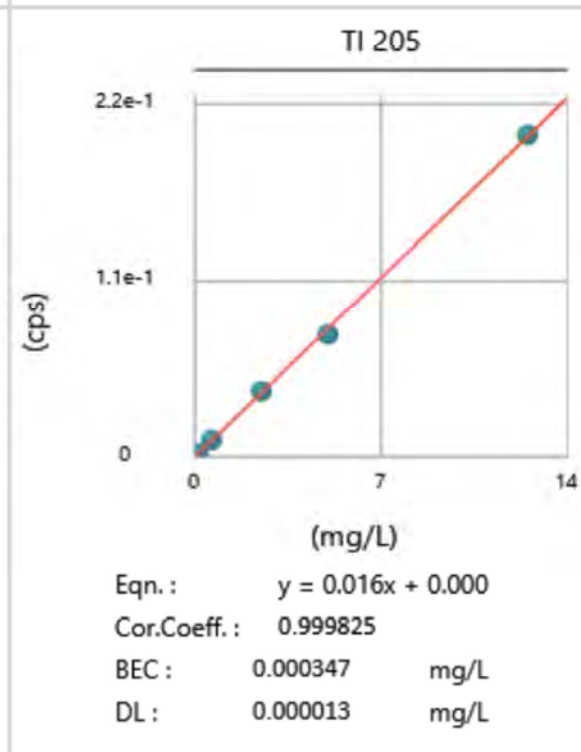
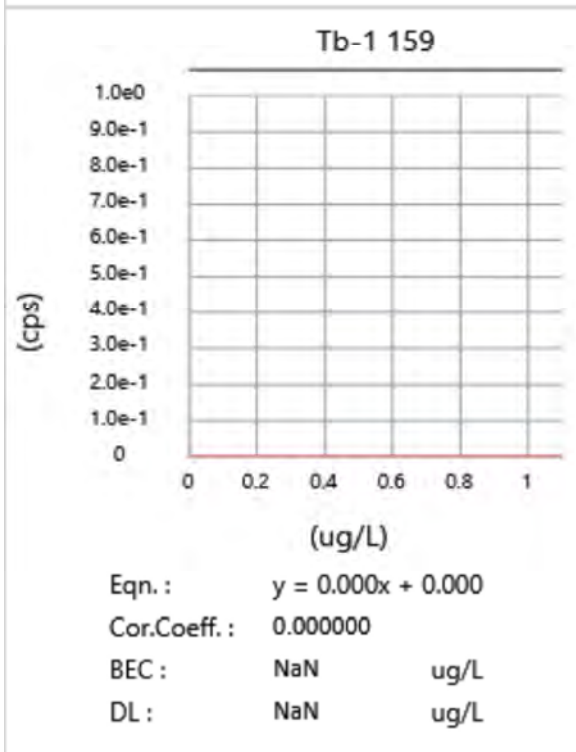
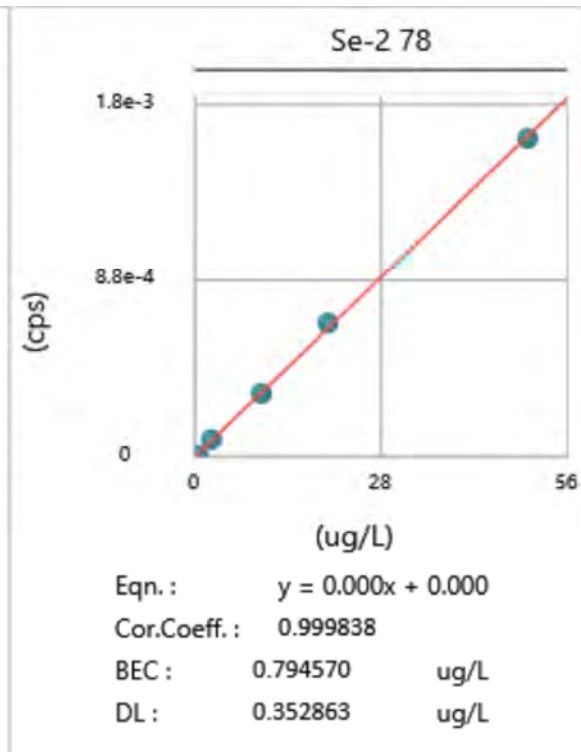
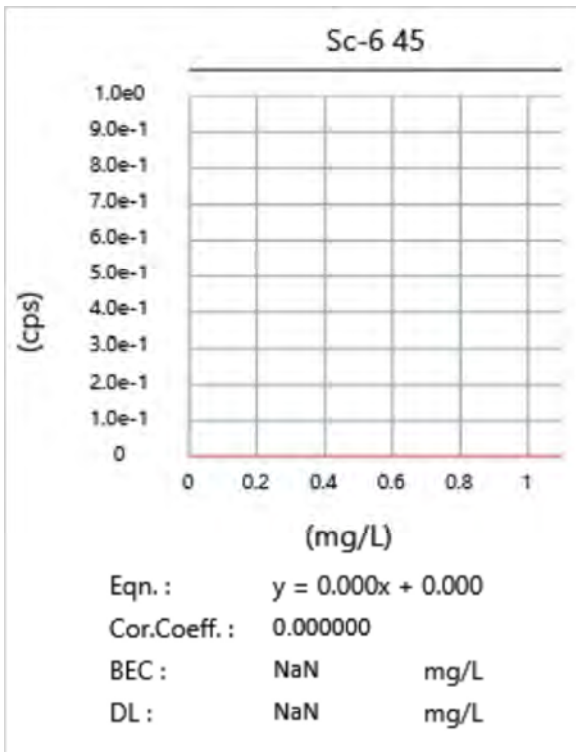


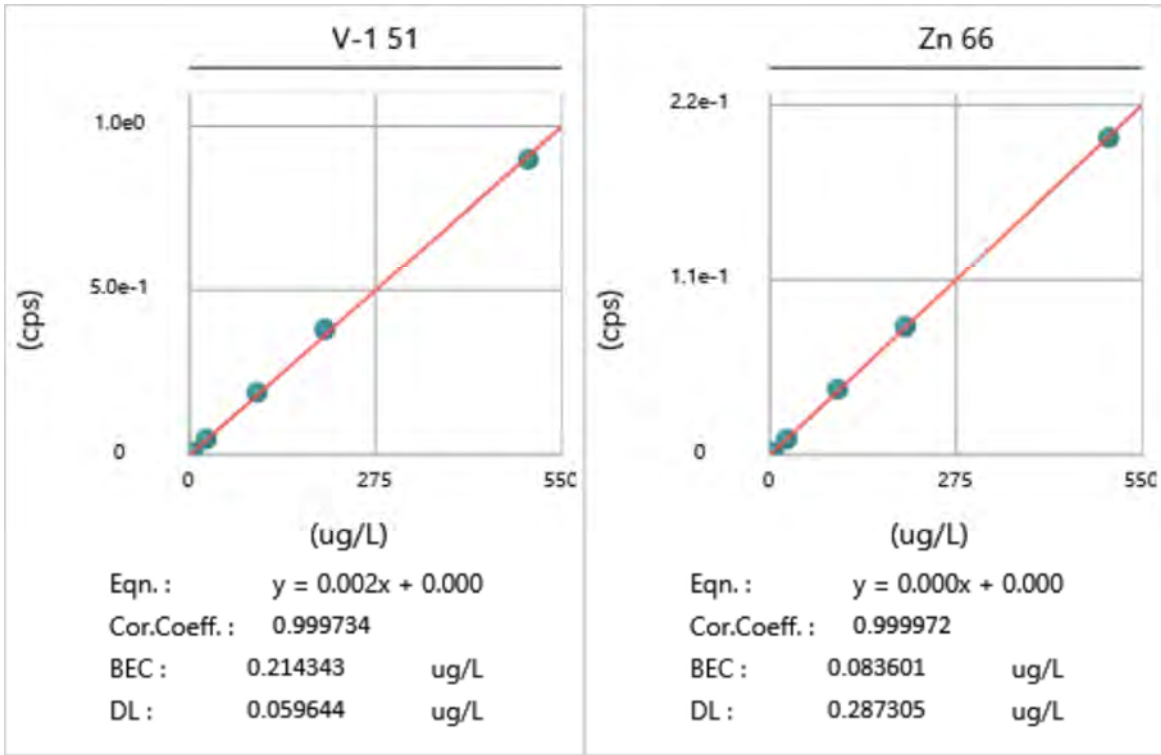


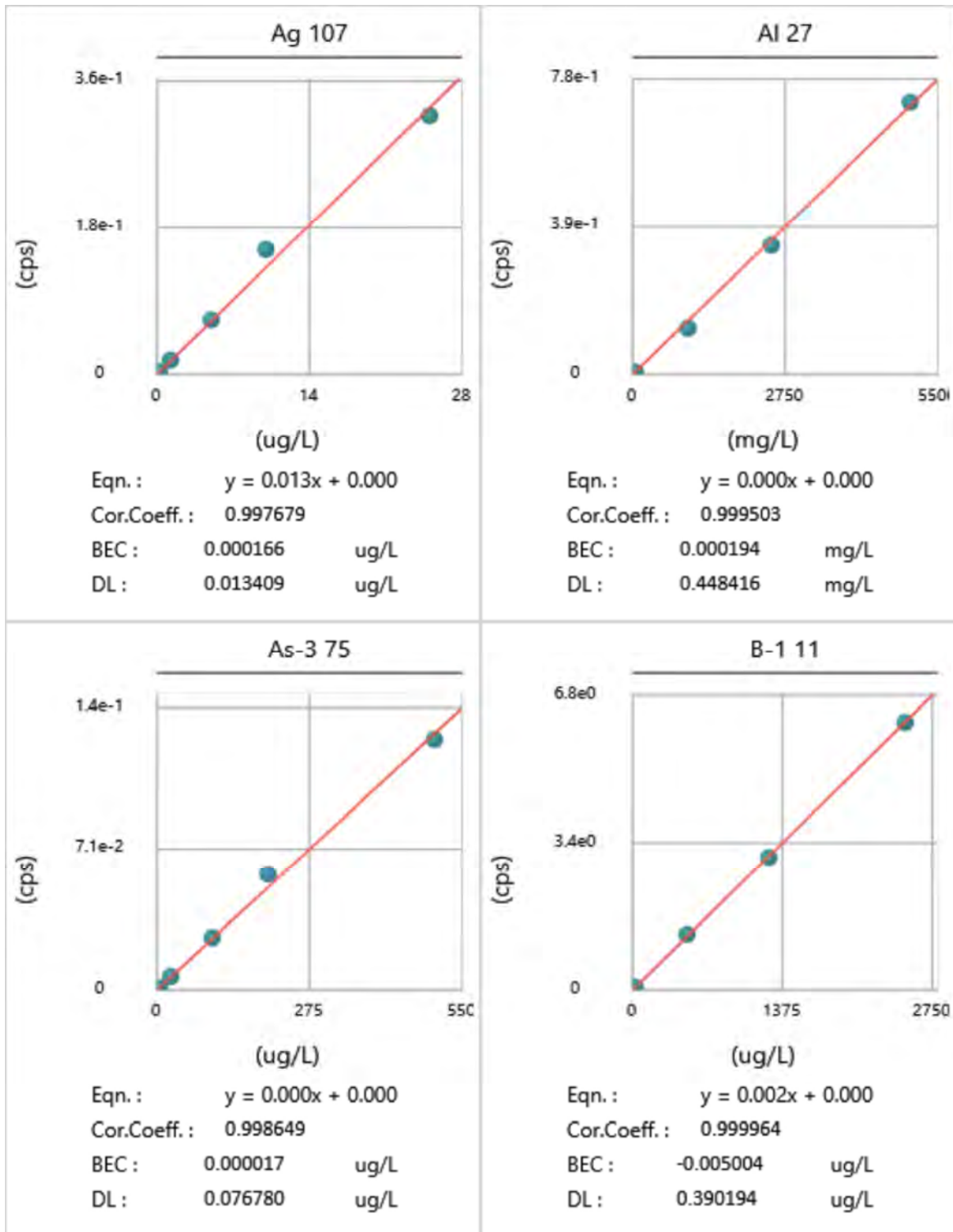


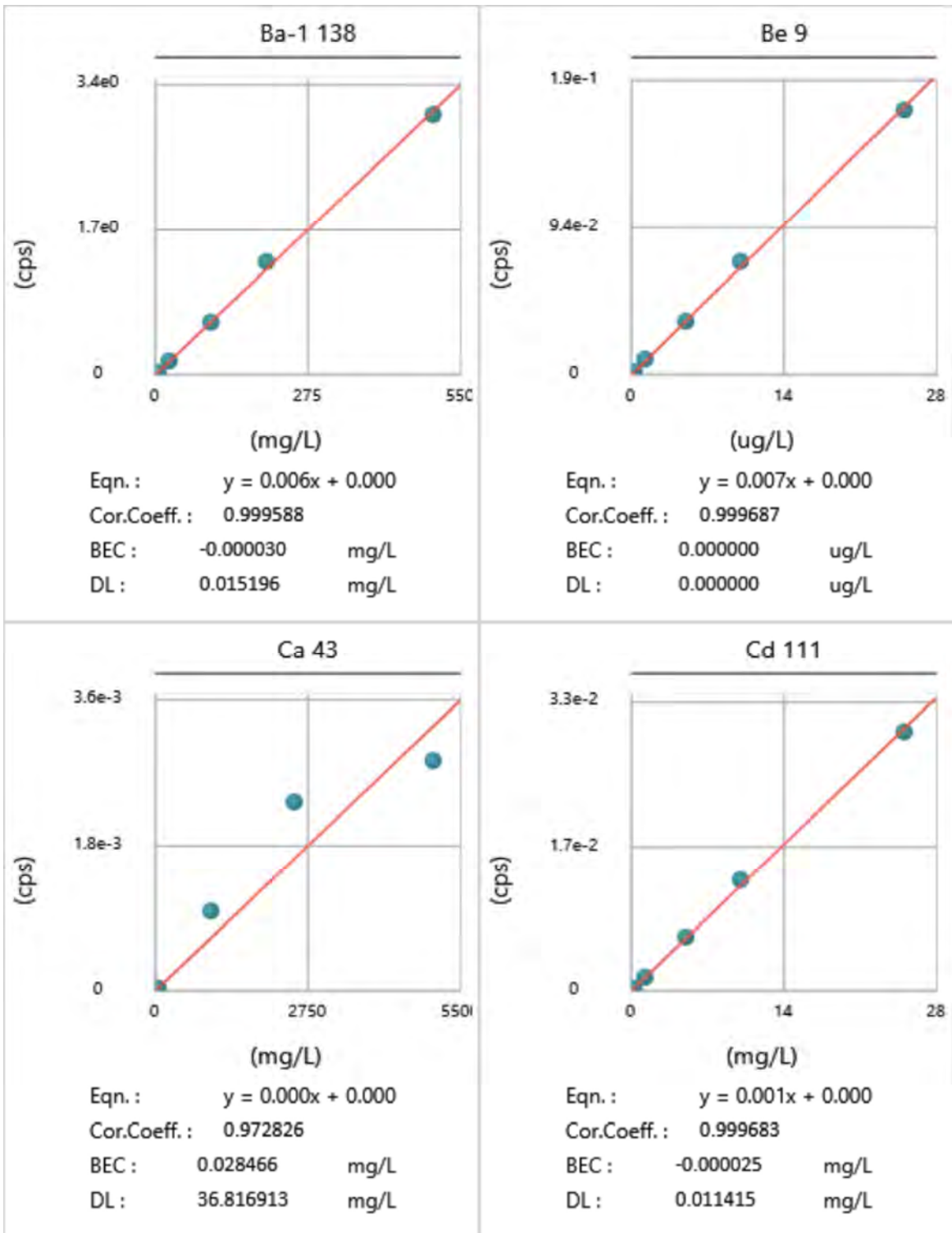


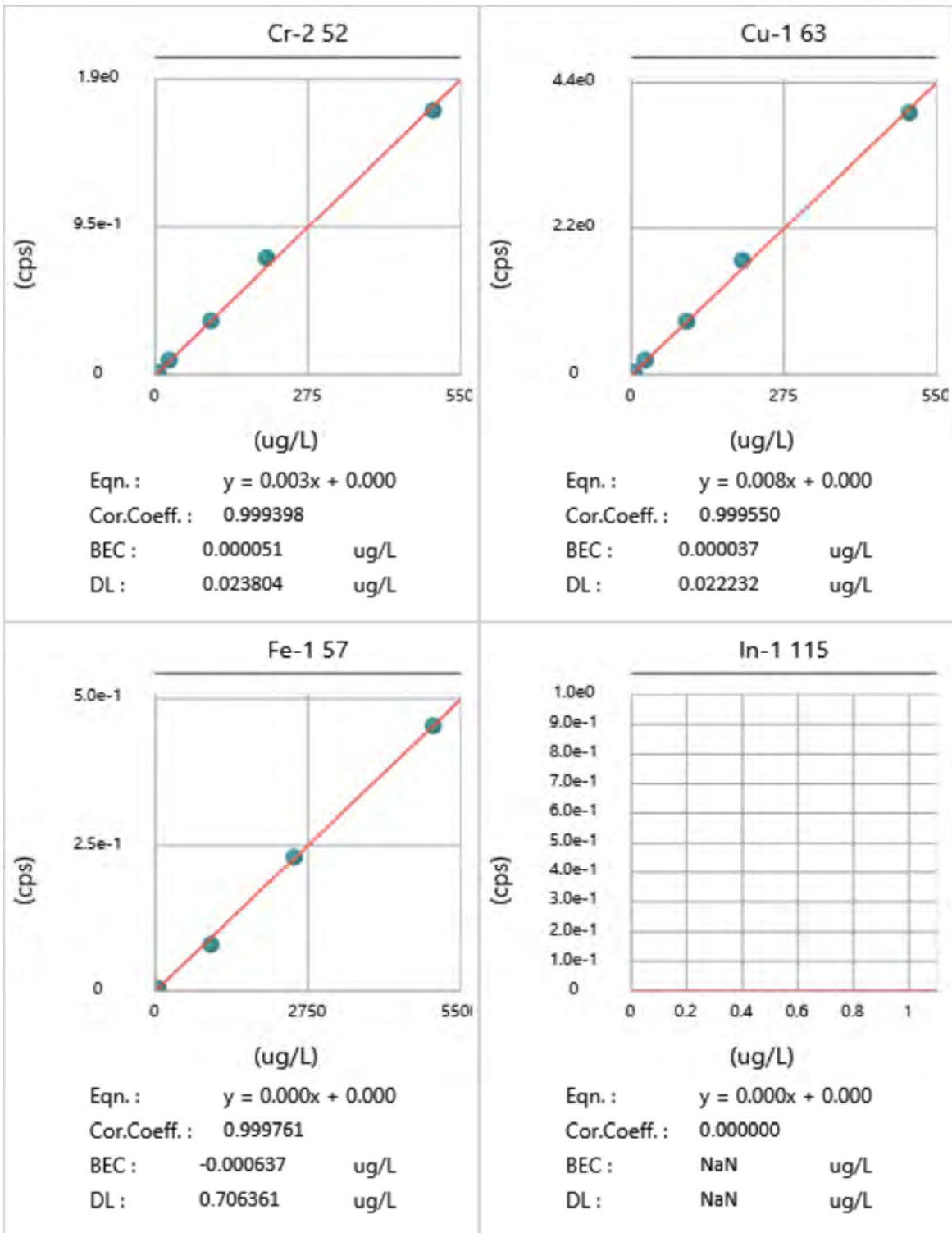


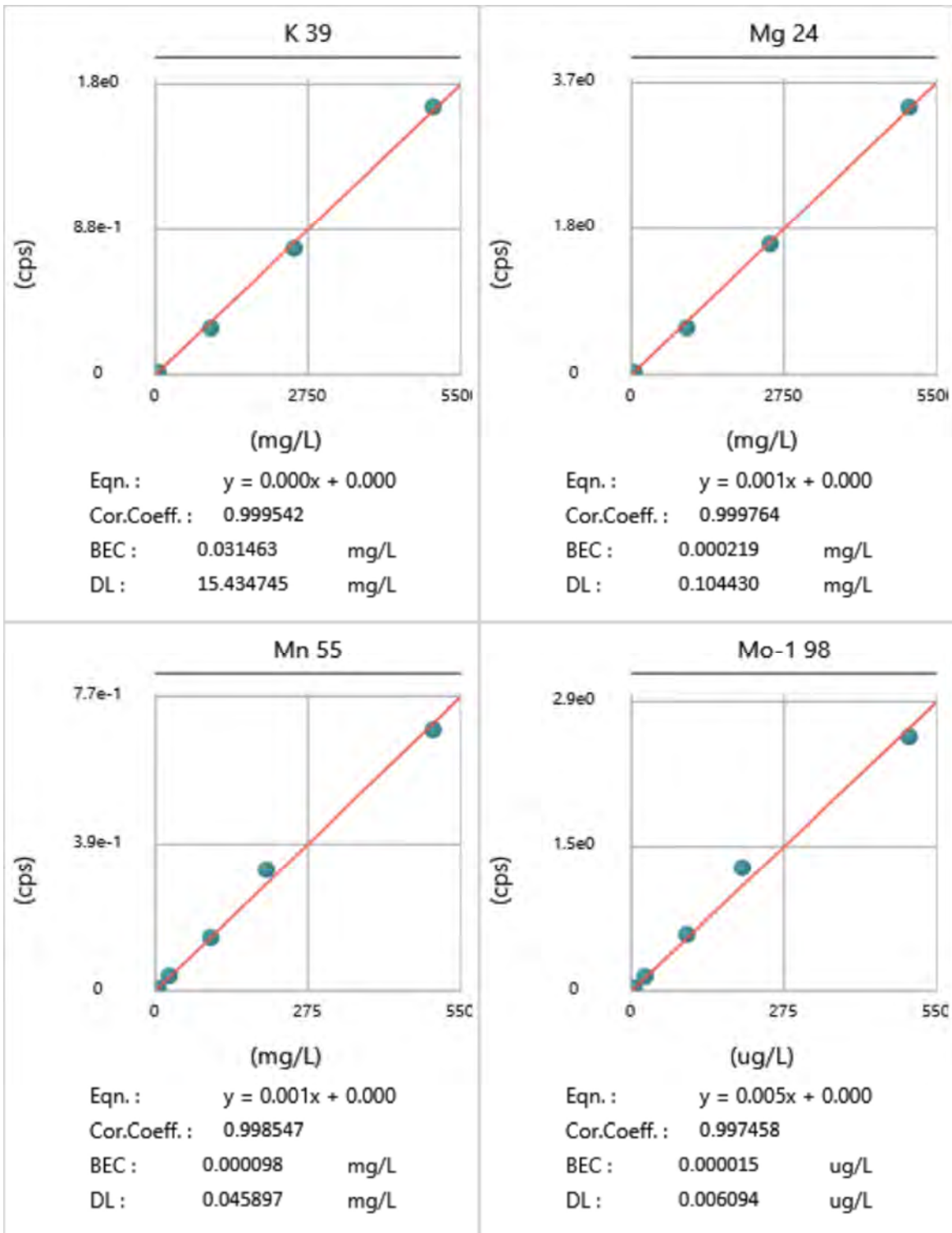


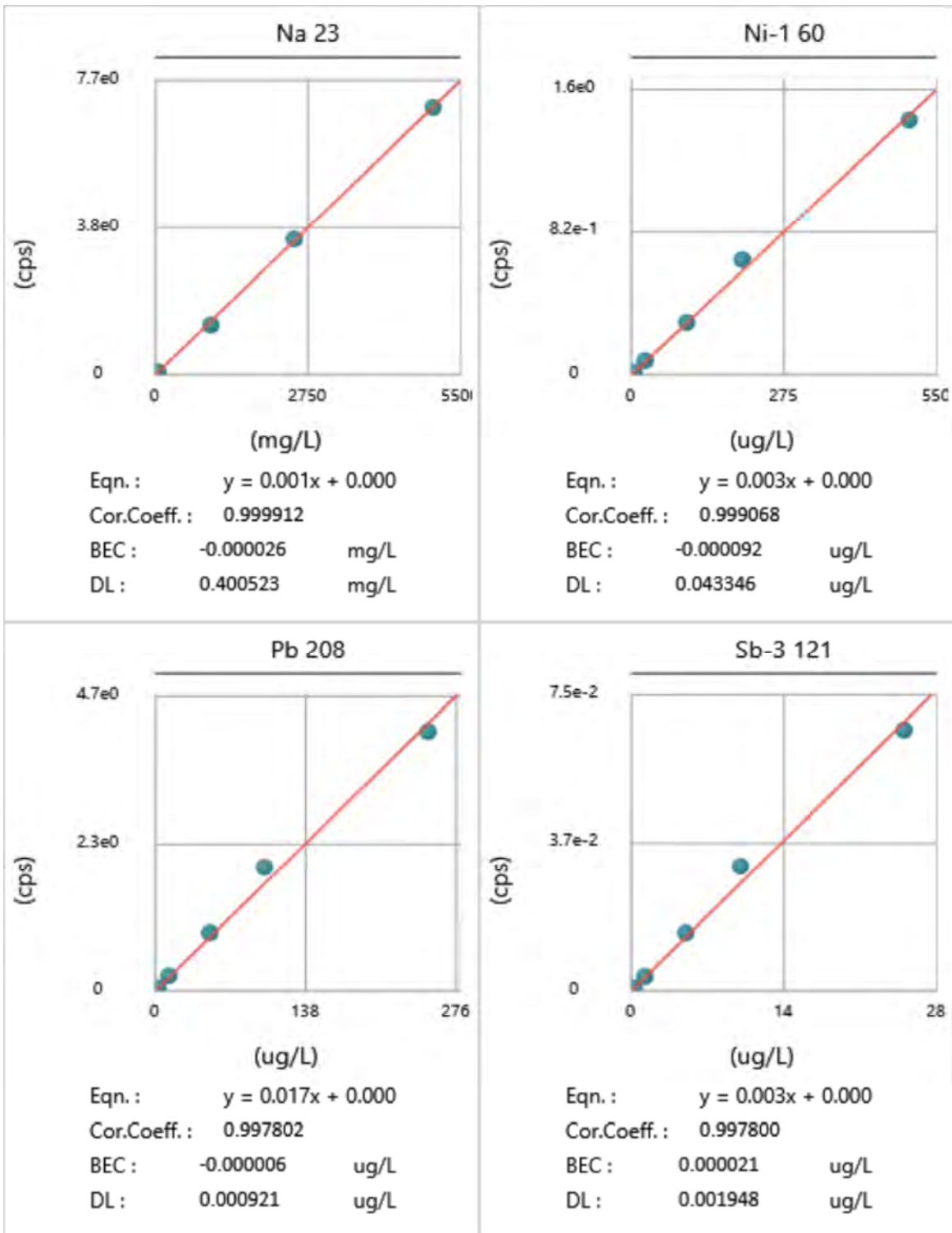


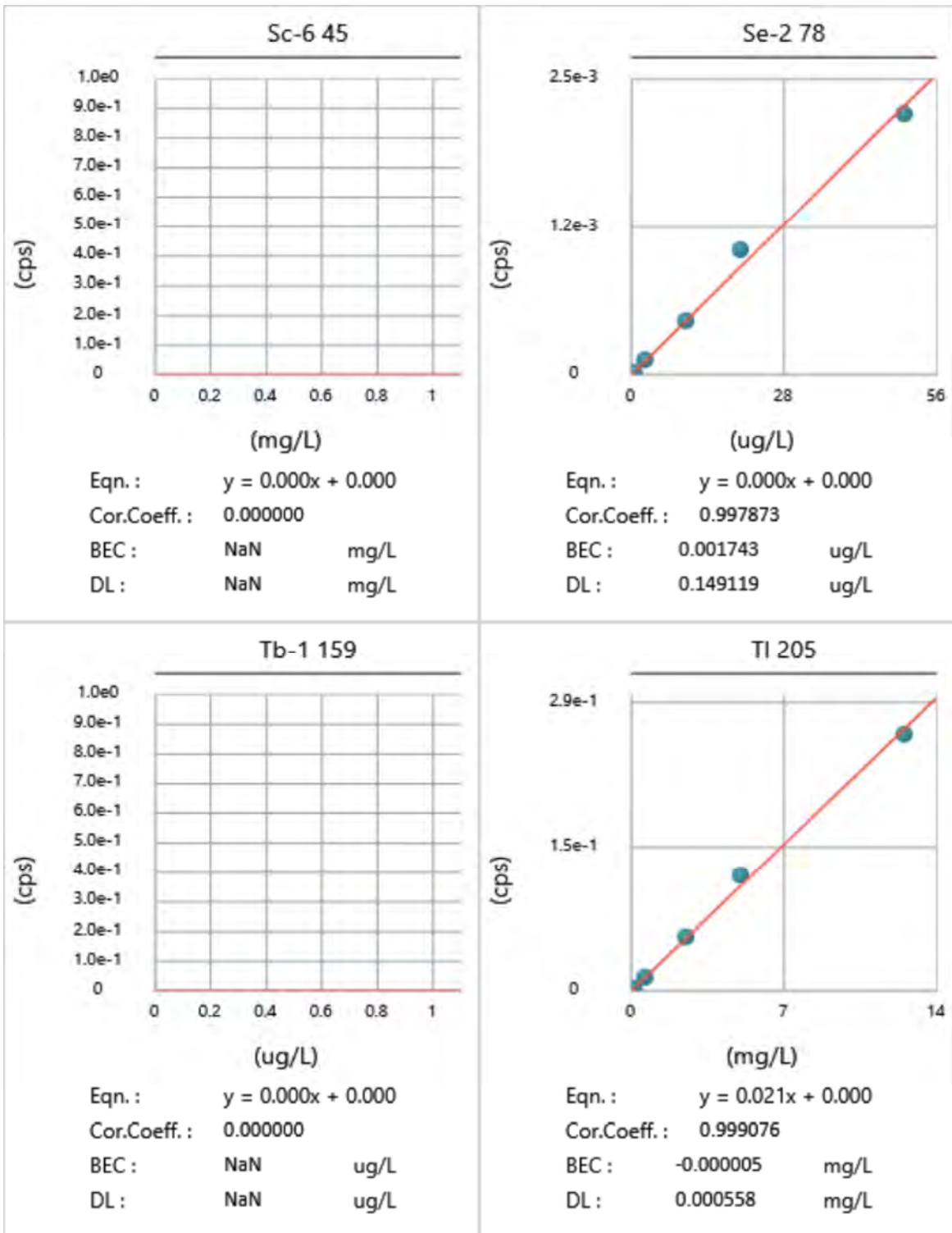


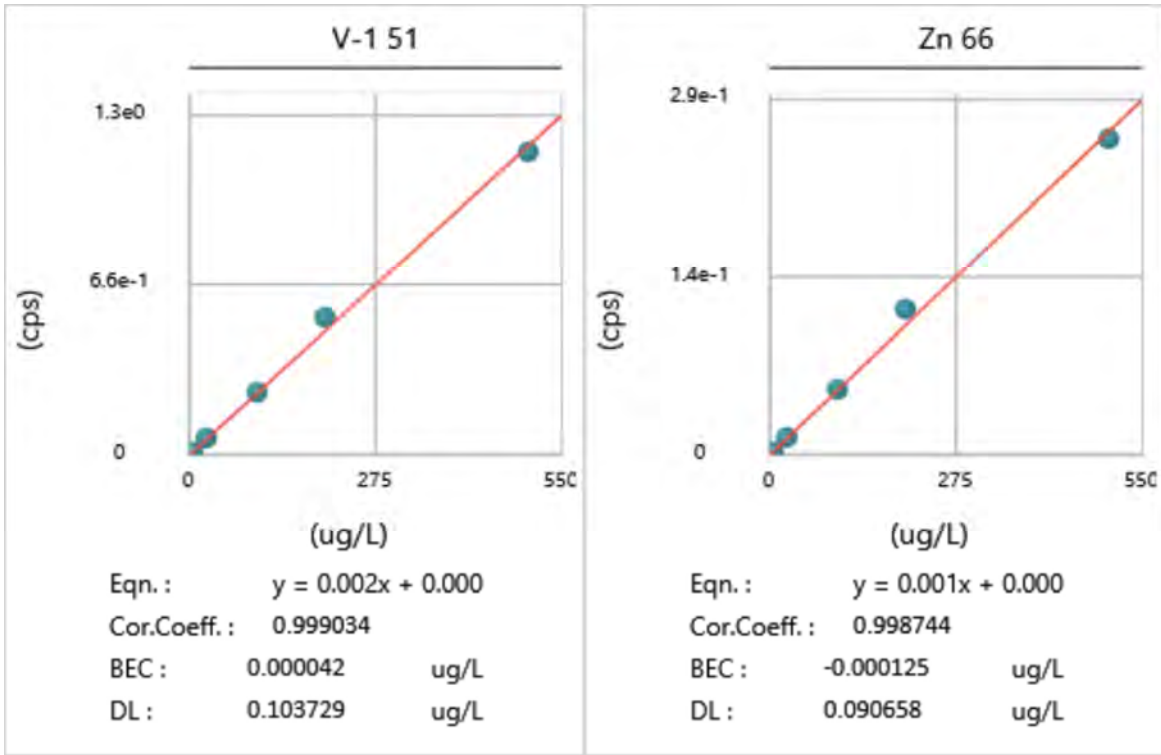


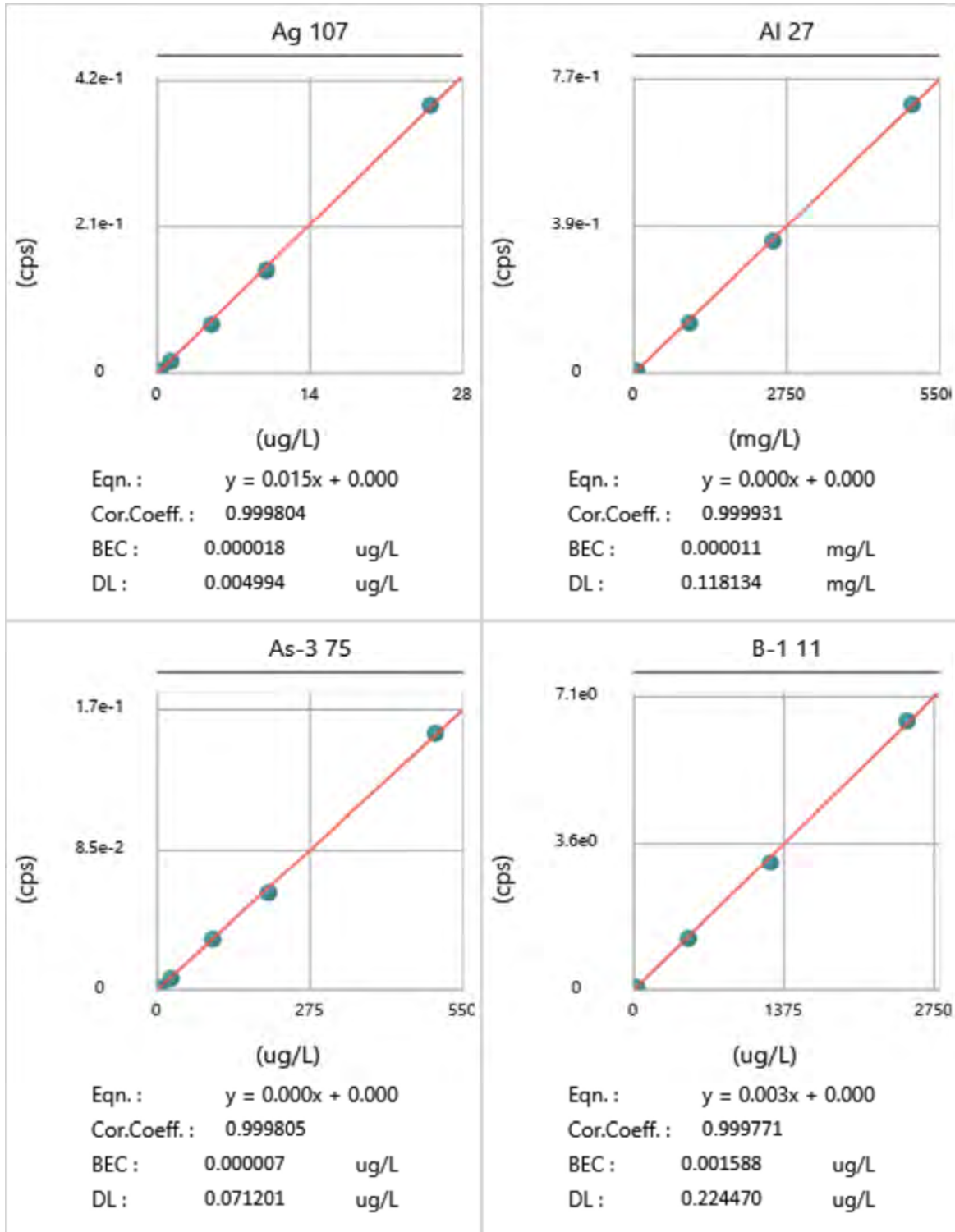


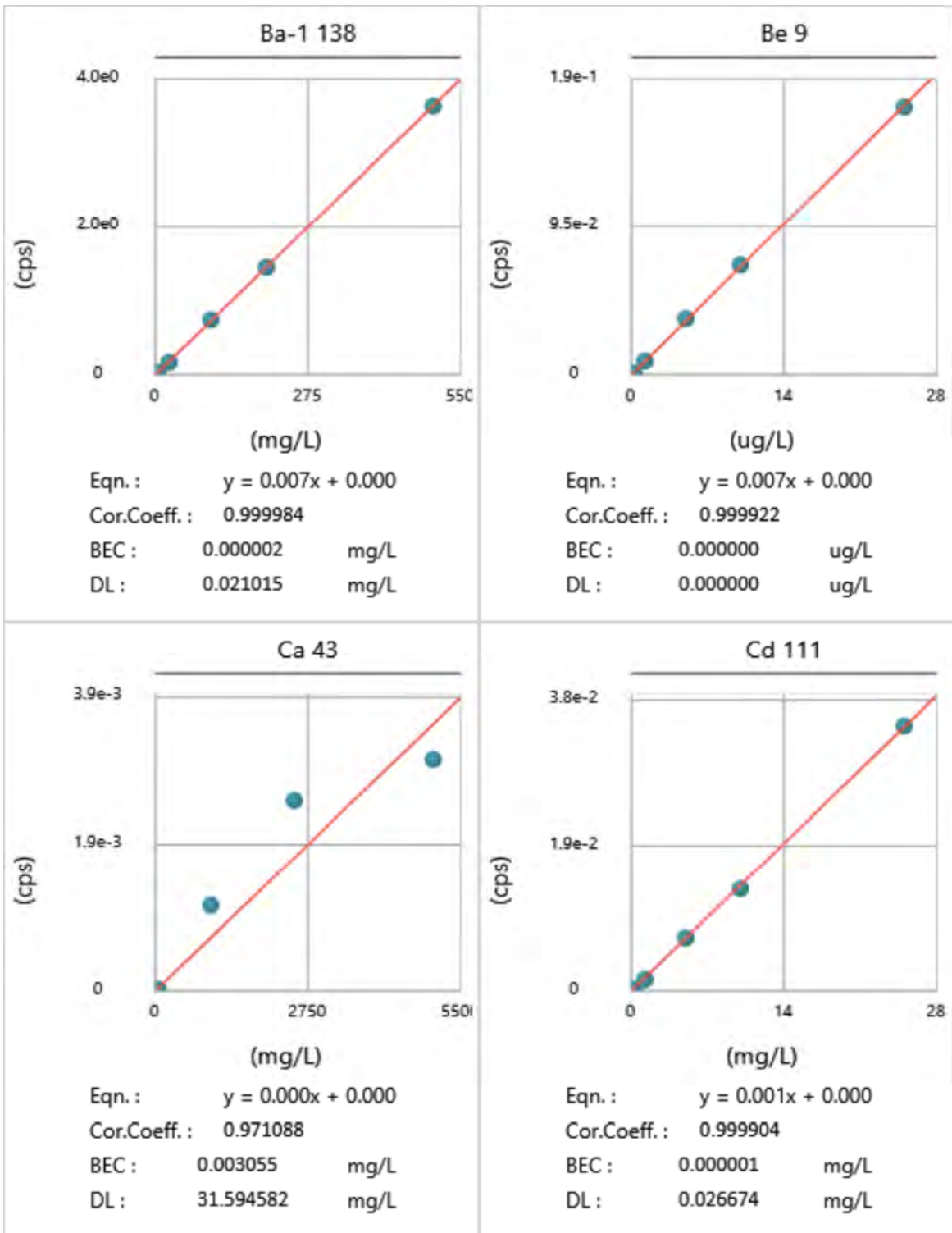


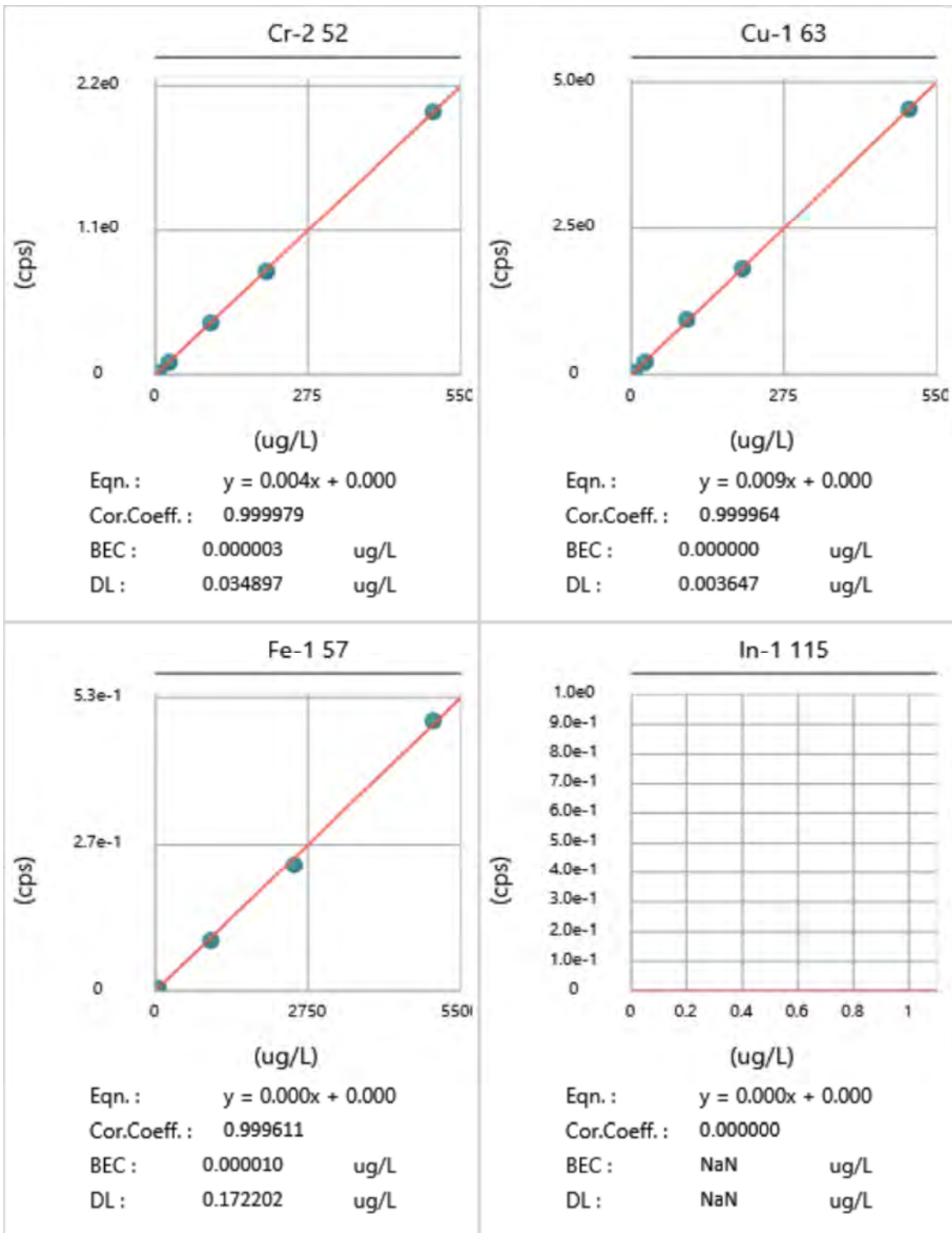


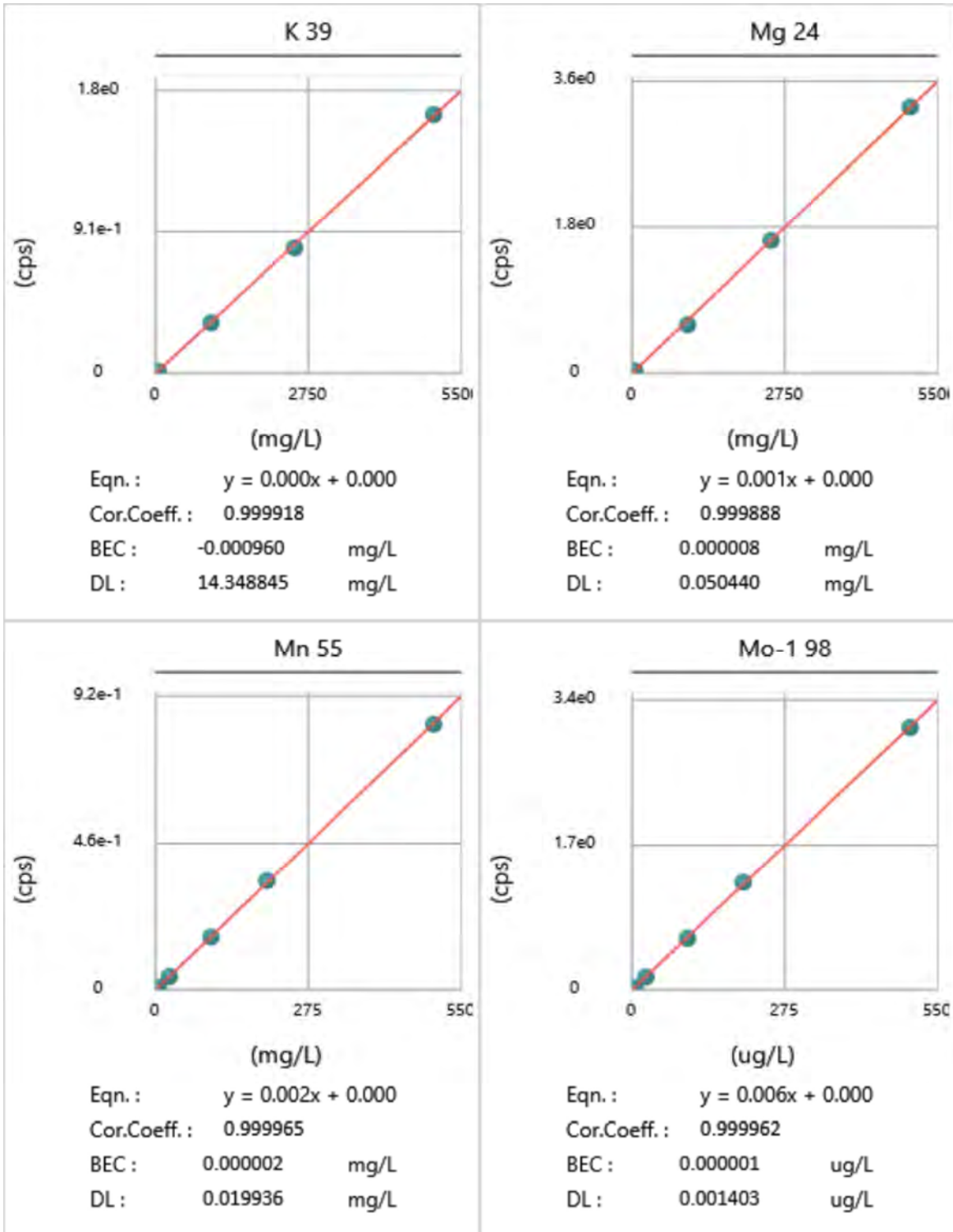


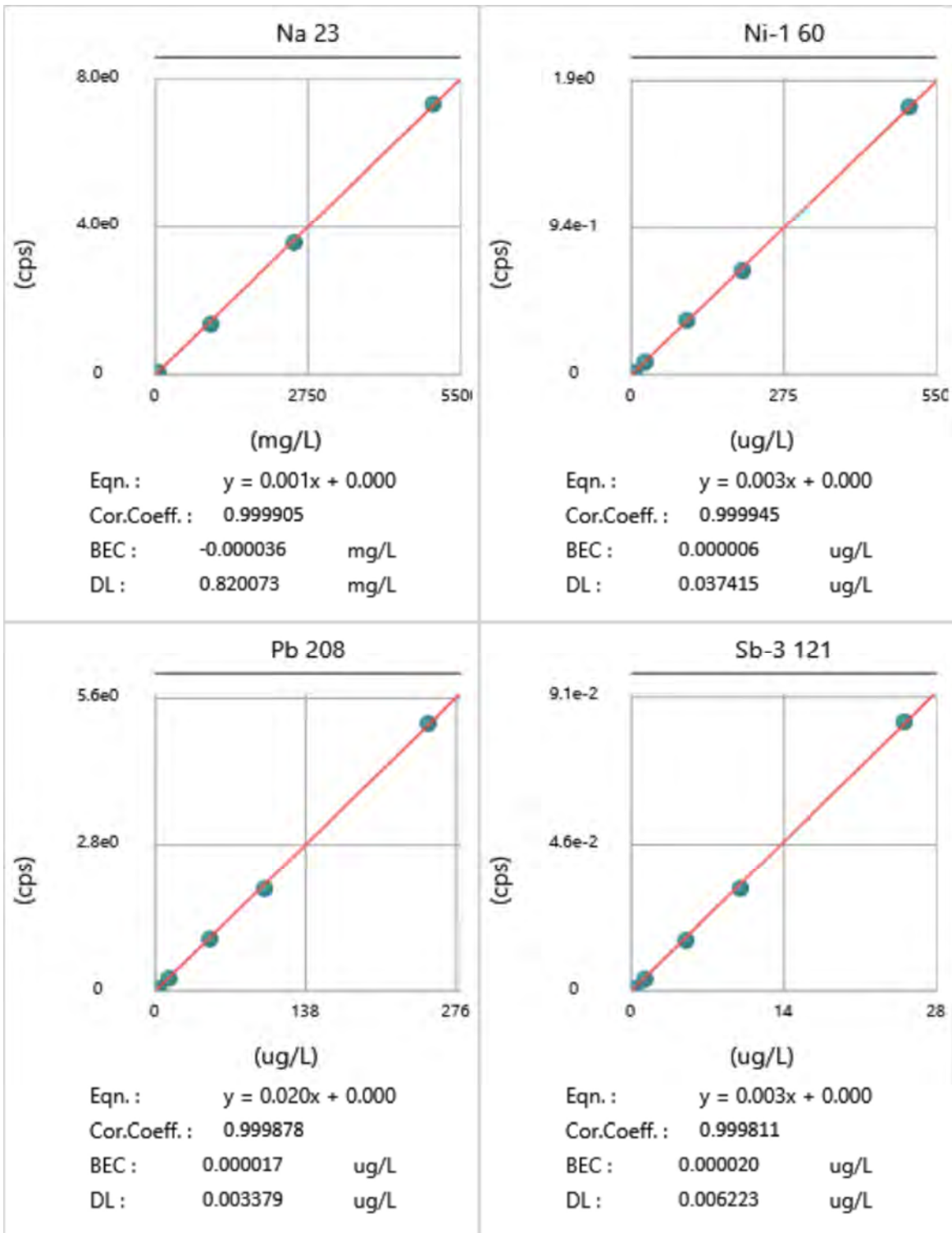


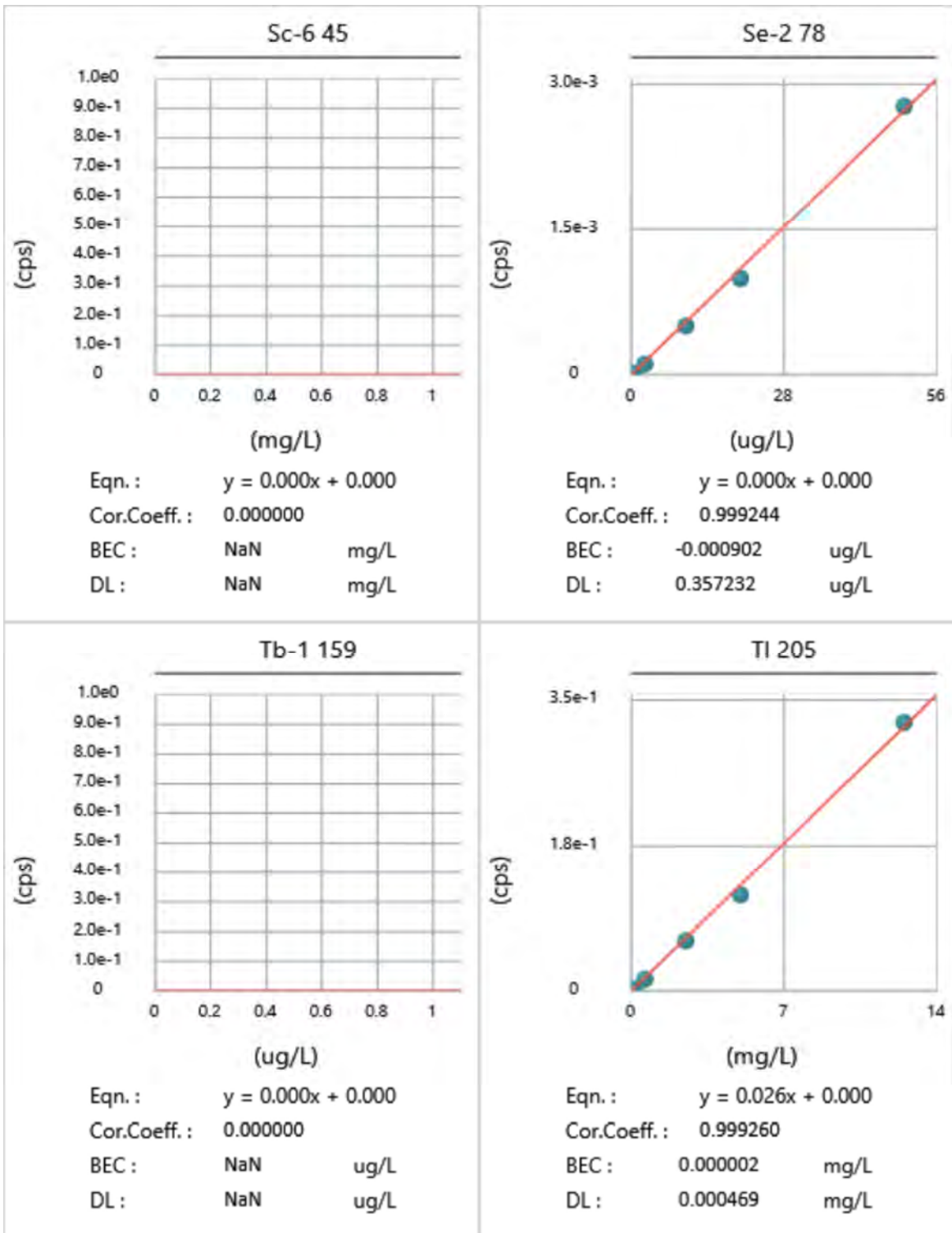


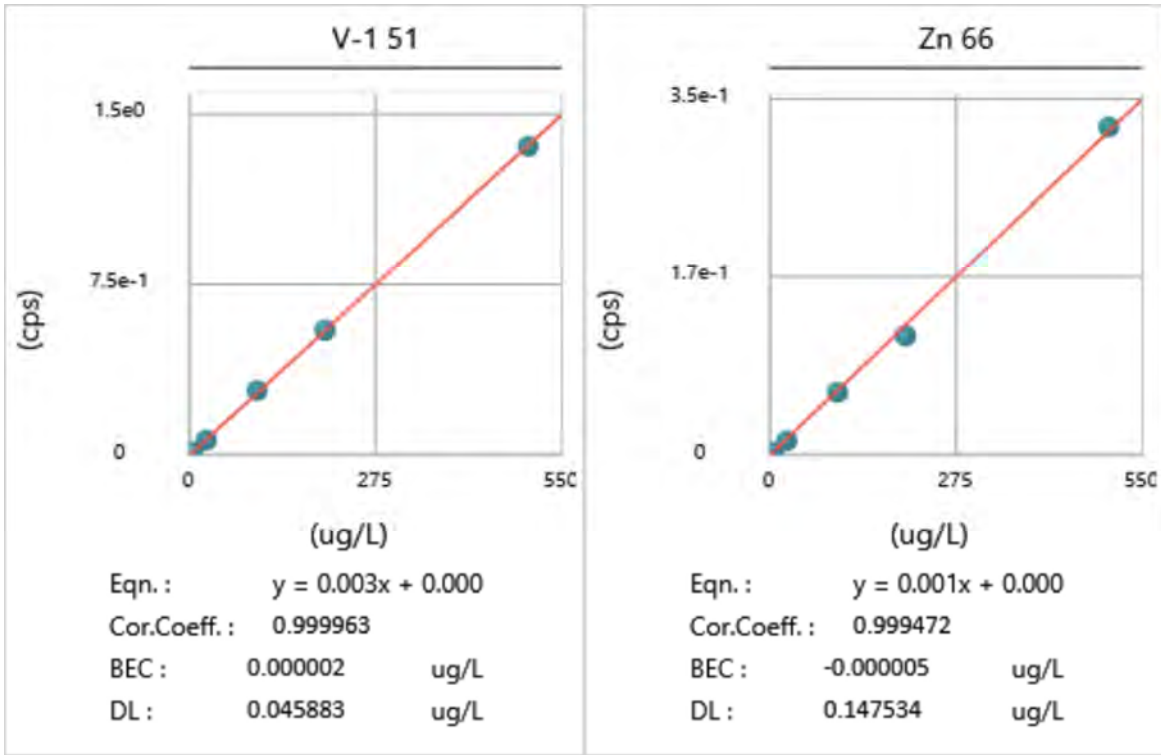


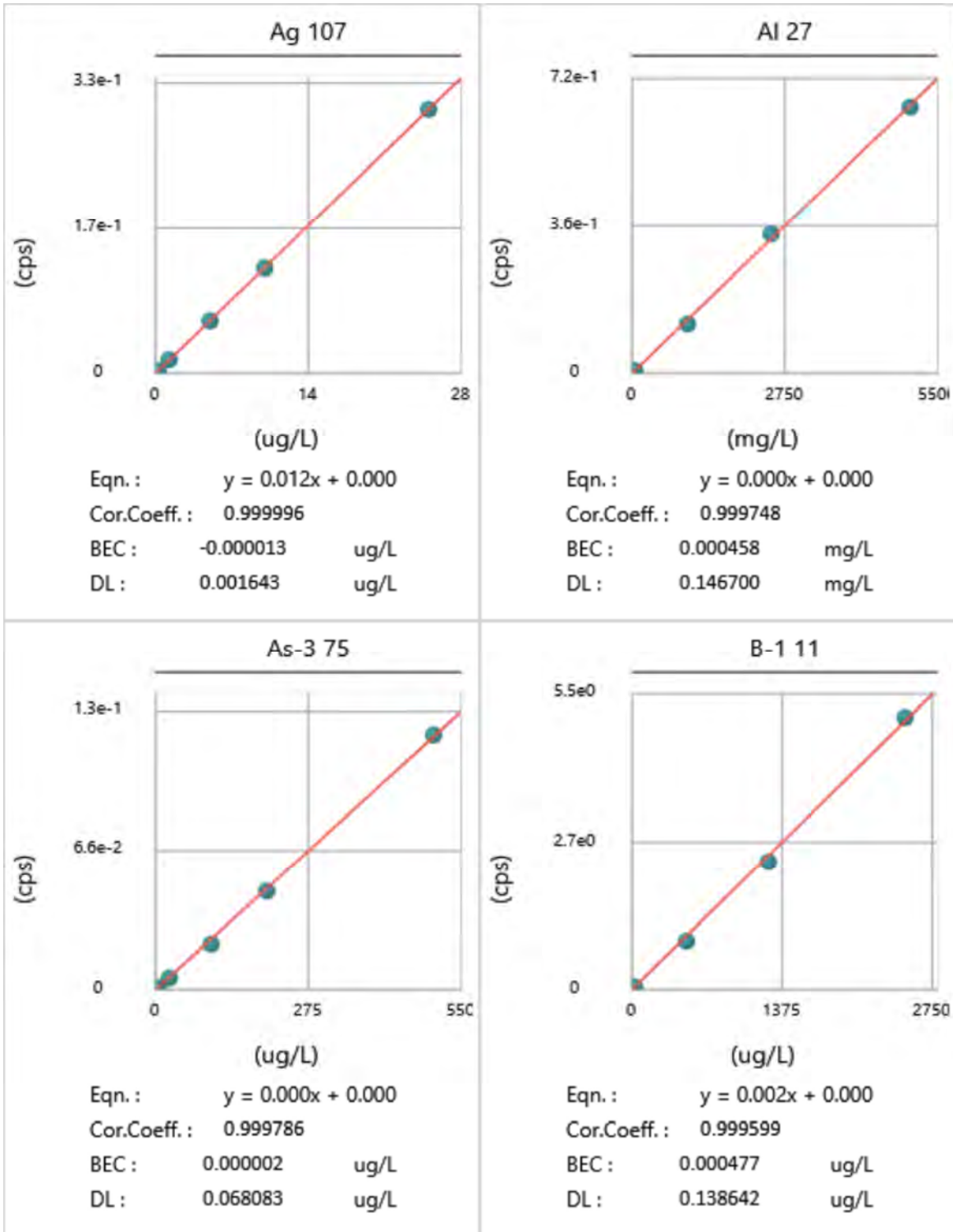


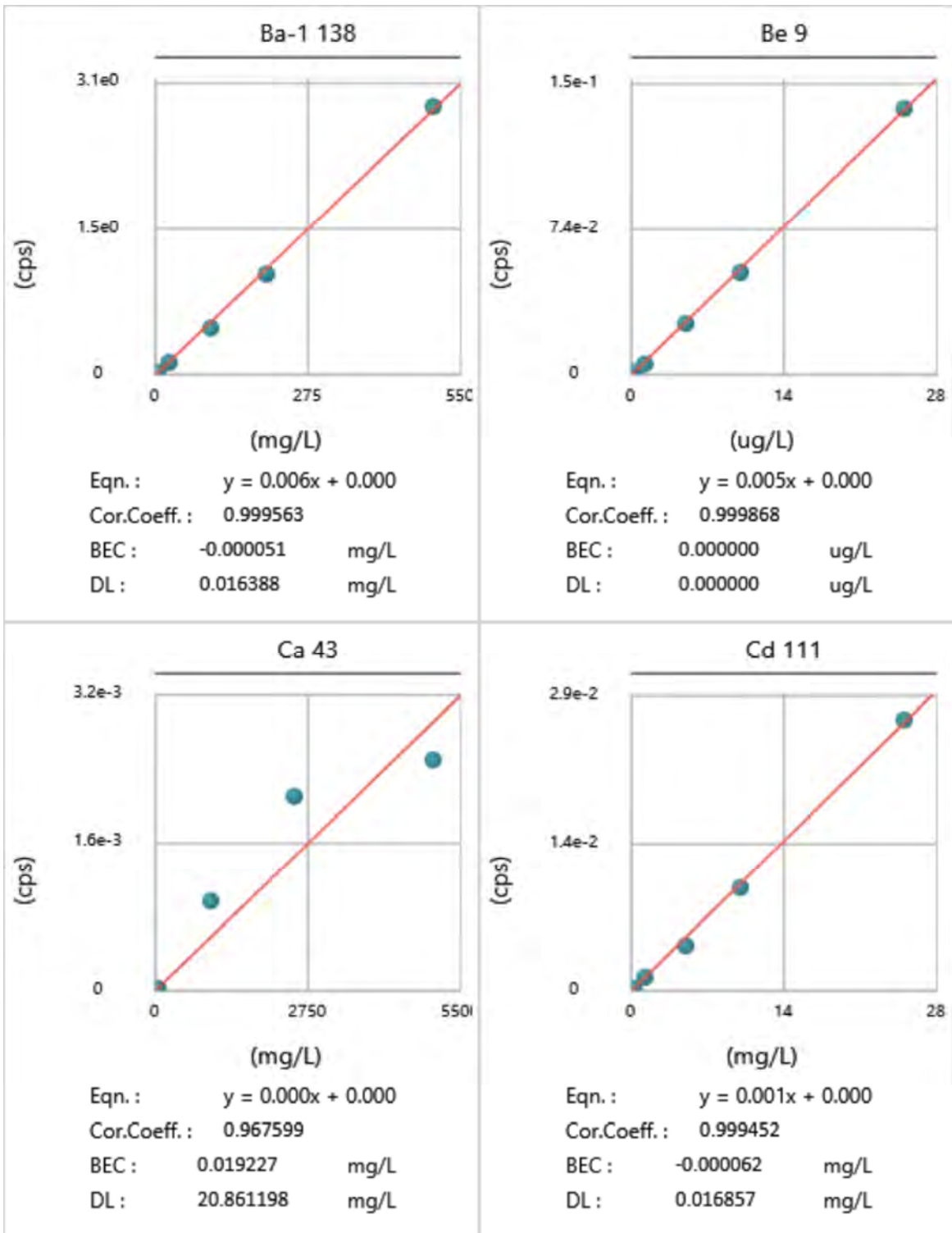


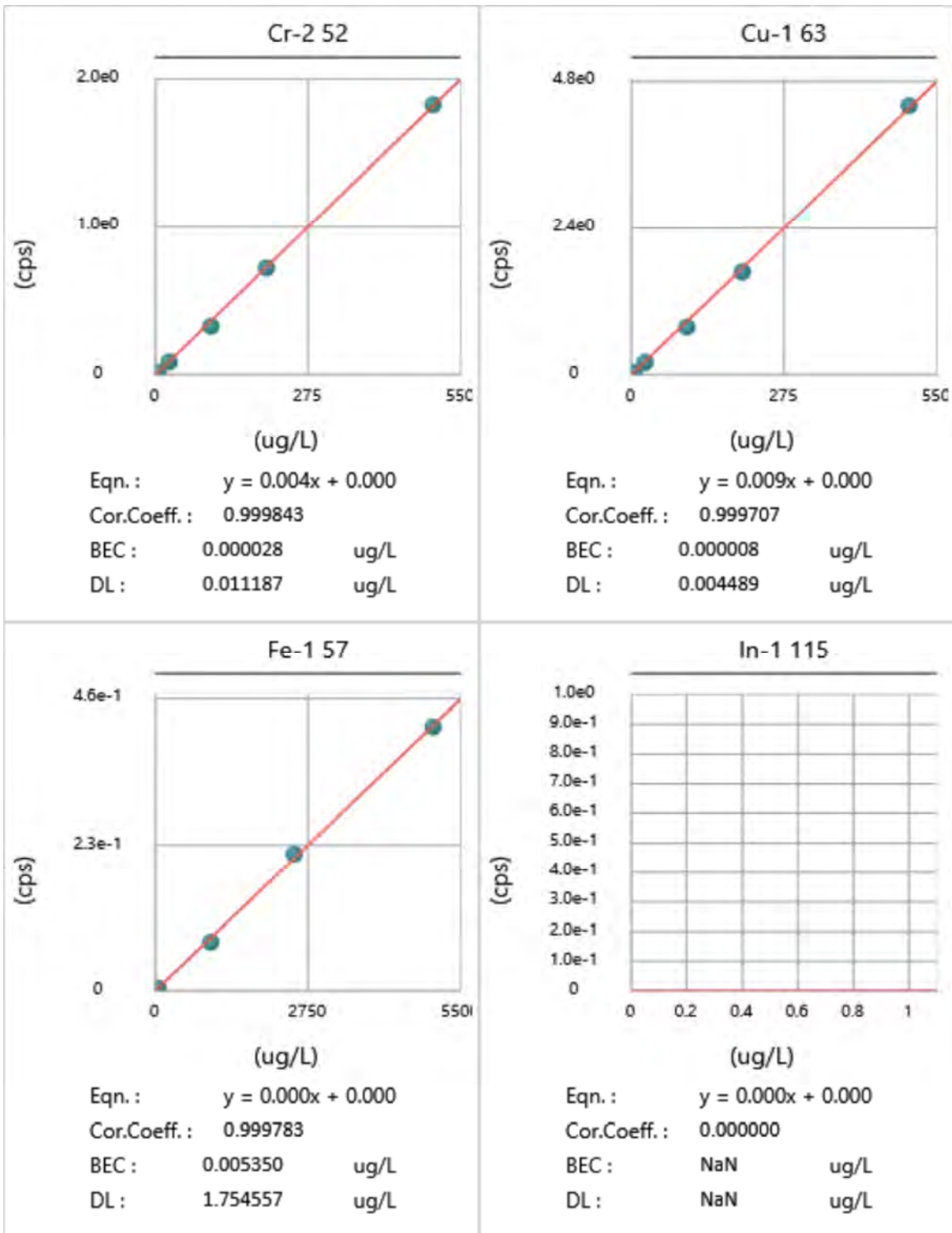


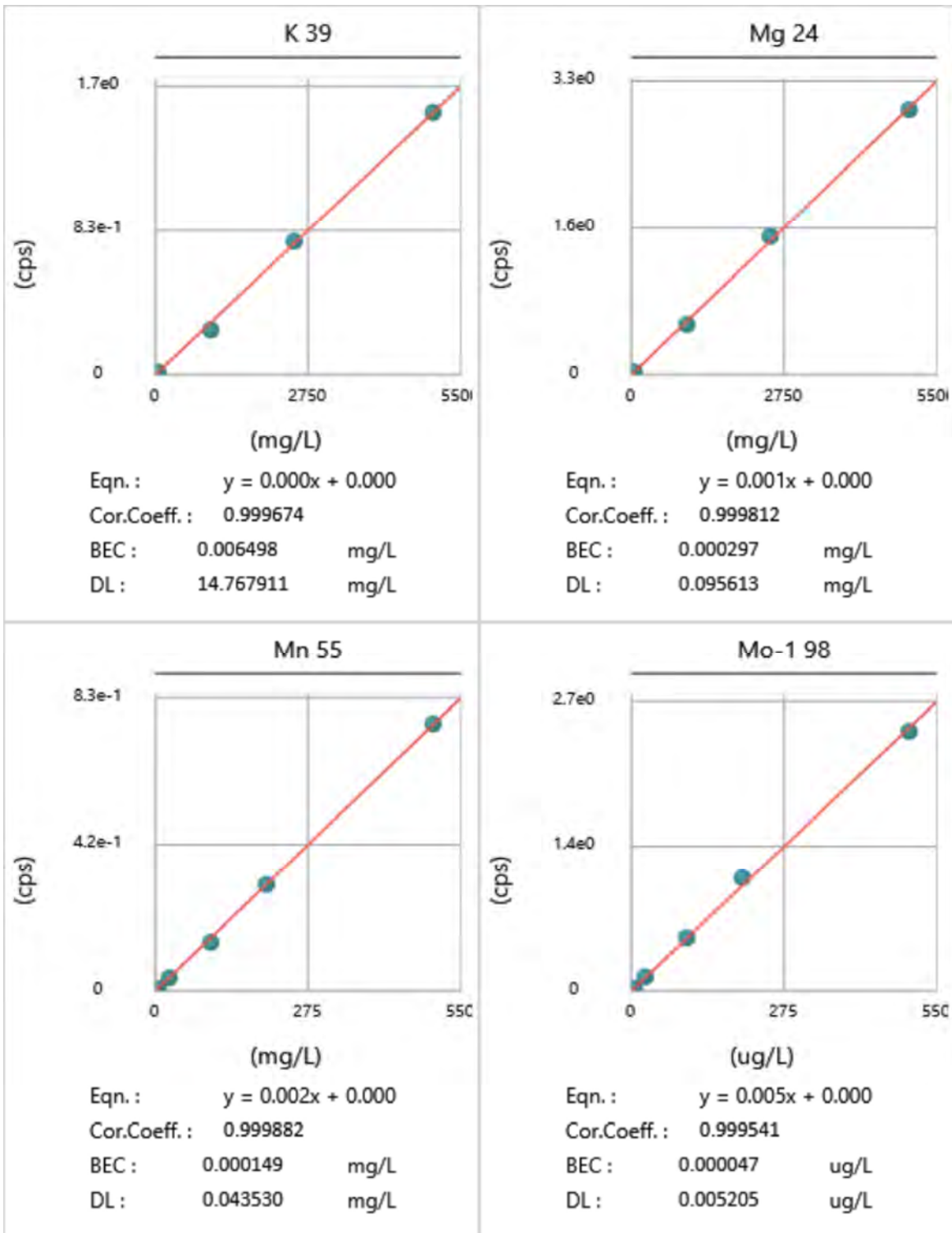


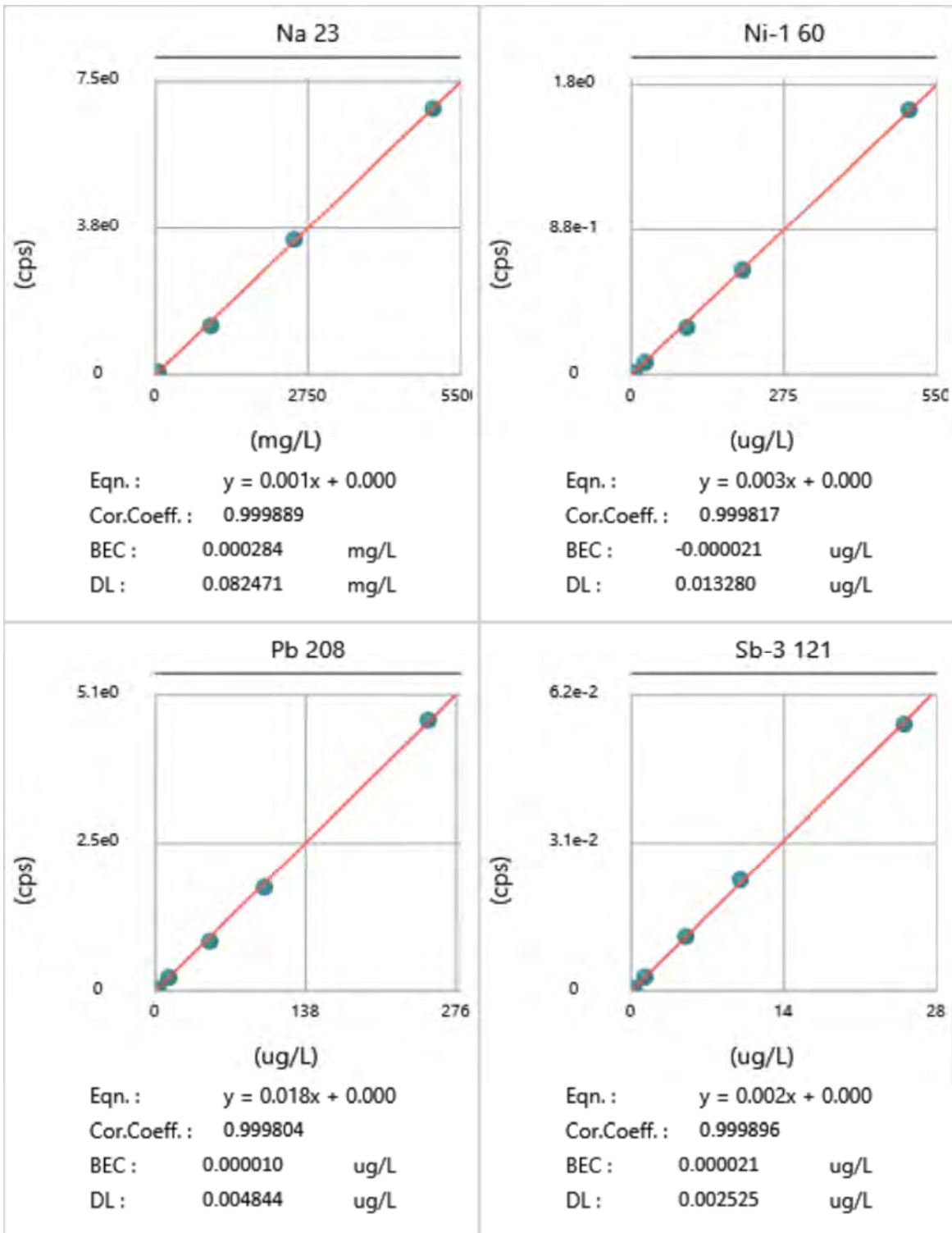


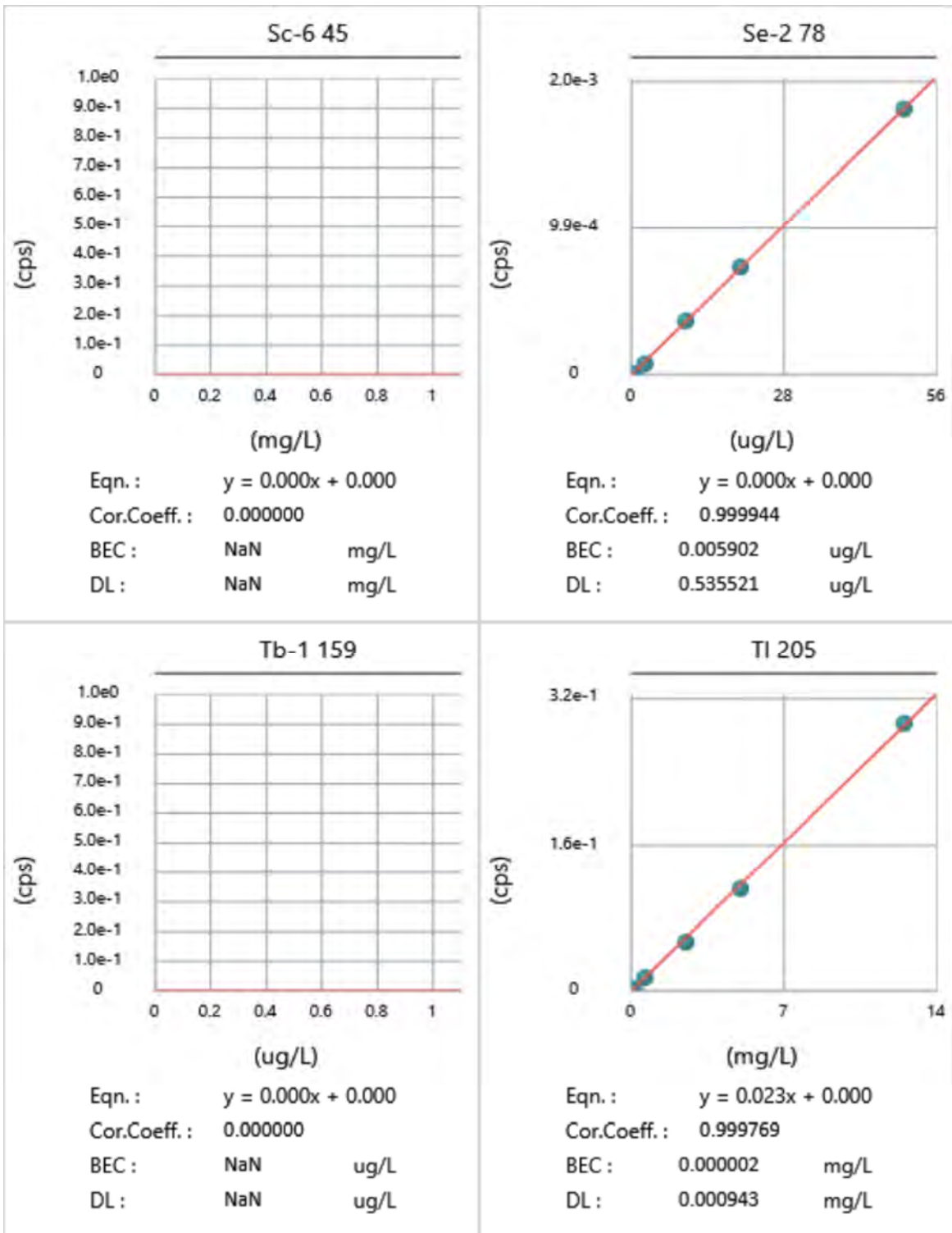


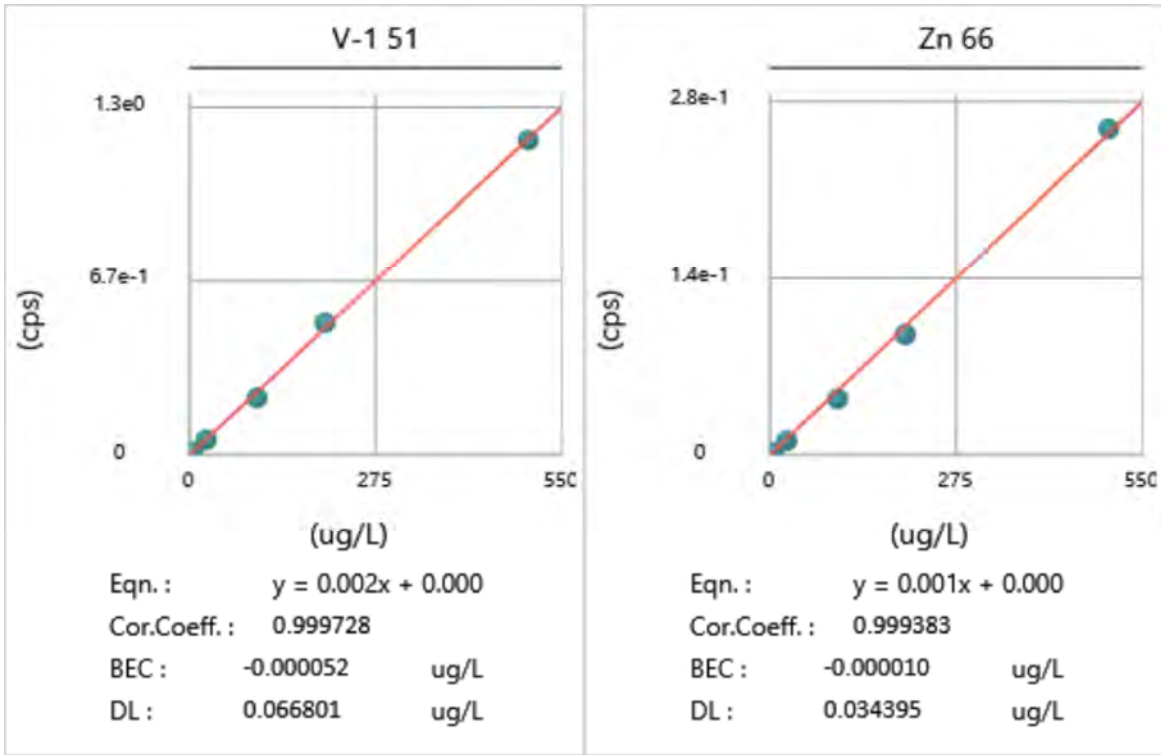














Tunes

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Full.swz

Start Time: 12/16/2021 8:43:40 AM

End Time: 12/16/2021 8:46:05 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 12218.89

Obtained Intensity (Mg 24): 47031.09

Obtained Intensity (In 115): 77234.99

Obtained Intensity (U 238): 71557.91

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.021 (=1351.40 / 63600.13)

Obtained Formula (Ce++ 70 / Ce 140): 0.017 (=1051.77 / 63600.13)

Obtained RSD (Be 9): 0.0062

Obtained RSD (Mg 24): 0.0077

Obtained RSD (In 115): 0.0149

Obtained RSD (U 238): 0.0084

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Full.swz

Optimization Status

Start Time: 12/16/2021 8:43:40 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily PerformanceA.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 12218.89
Obtained Intensity (Mg 24): 47031.09
Obtained Intensity (In 115): 77234.99
Obtained Intensity (U 238): 71557.91
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.021 (=1351.40 / 63600.13)
Obtained Formula (Ce++ 70 / Ce 140): 0.017 (=1051.77 / 63600.13)
Obtained RSD (Be 9): 0.0062
Obtained RSD (Mg 24): 0.0077
Obtained RSD (In 115): 0.0149
Obtained RSD (U 238): 0.0084

[Passed] Optimum value(s): N/A

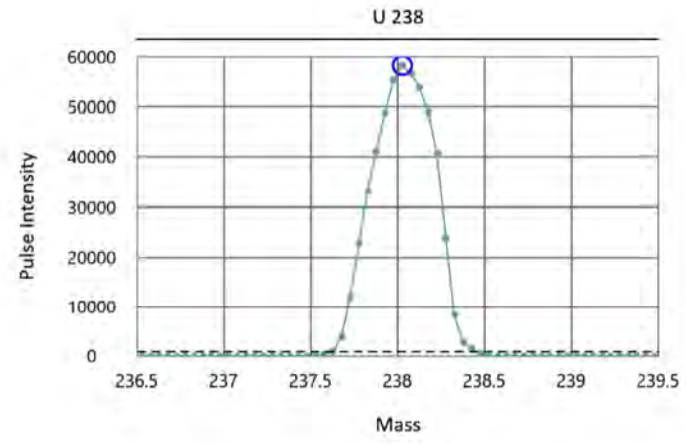
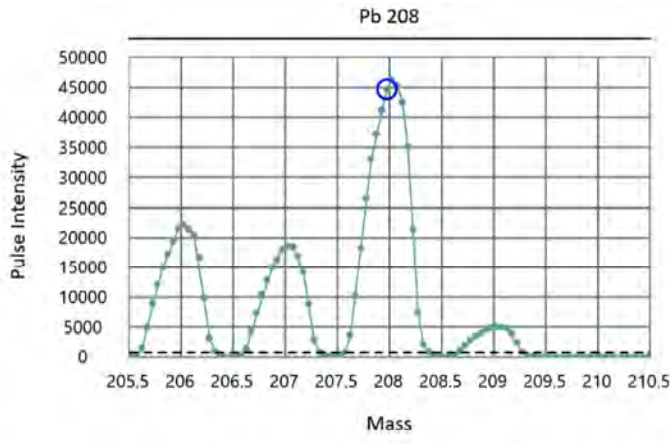
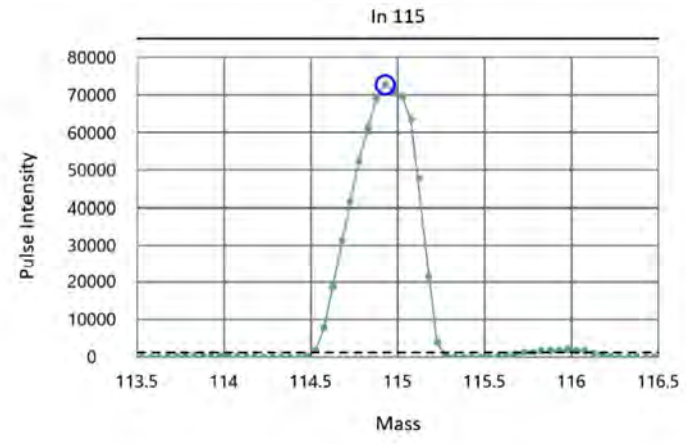
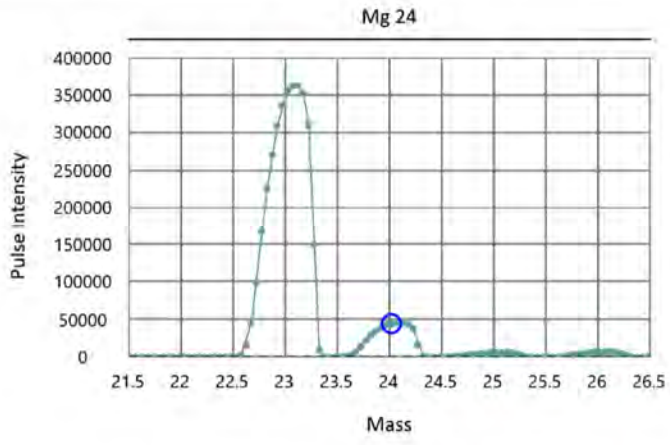
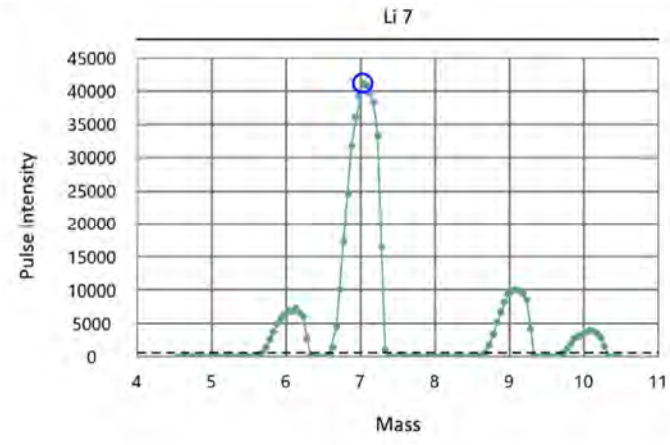
End Time: 12/16/2021 8:46:05 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.687)
 Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.702)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.690)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.724)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.717)

Acq. Date/Time: 12/16/2021 8:26:06 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1330	2022	0.687	
Mg	23.985	24.025	4715	2023	0.702	
In	114.904	114.925	22854	2041	0.690	
Pb	207.977	207.975	41416	2060	0.724	
U	238.05	238.025	47416	2067	0.717	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/17/2021 8:33:29 AM

End Time: 12/17/2021 8:35:48 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 12973.56

Obtained Intensity (Mg 24): 75112.23

Obtained Intensity (In 115): 67925.45

Obtained Intensity (U 238): 64540.21

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.022 (=1172.05 / 53345.42)

Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=779.89 / 53345.42)

Obtained RSD (Be 9): 0.0162

Obtained RSD (Mg 24): 0.0097

Obtained RSD (In 115): 0.0099

Obtained RSD (U 238): 0.0116

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/17/2021 8:33:29 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 12973.56
Obtained Intensity (Mg 24): 75112.23
Obtained Intensity (In 115): 67925.45
Obtained Intensity (U 238): 64540.21
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.022 (=1172.05 / 53345.42)
Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=779.89 / 53345.42)
Obtained RSD (Be 9): 0.0162
Obtained RSD (Mg 24): 0.0097
Obtained RSD (In 115): 0.0099
Obtained RSD (U 238): 0.0116

[Passed] Optimum value(s): N/A

End Time: 12/17/2021 8:35:48 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A

Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.714)

Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.707)

Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.696)

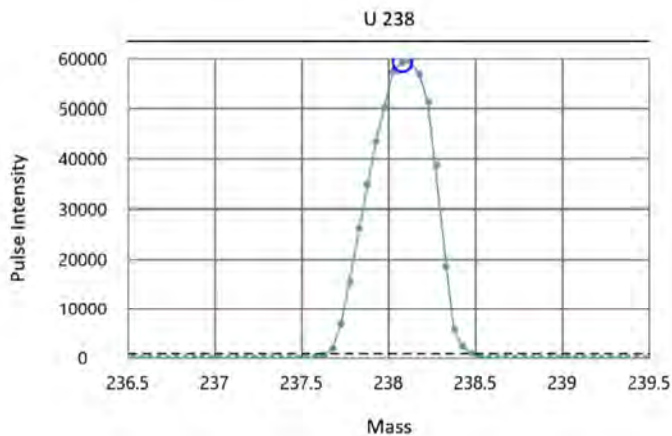
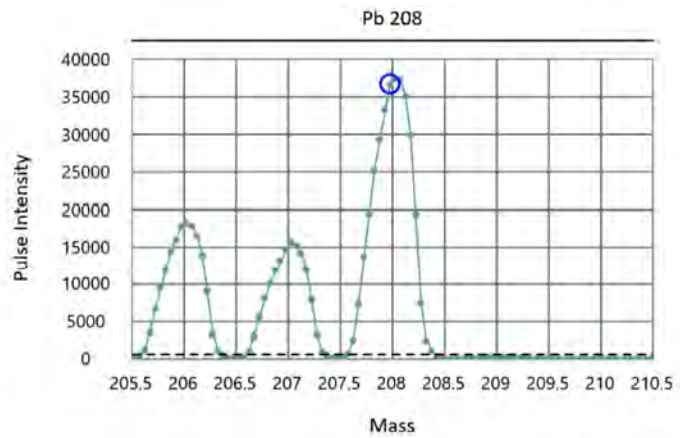
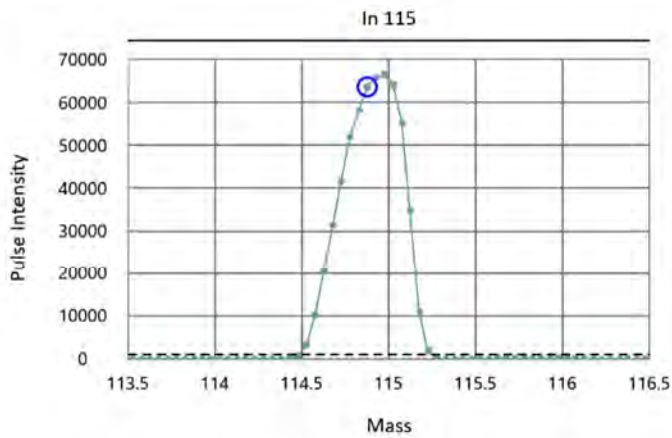
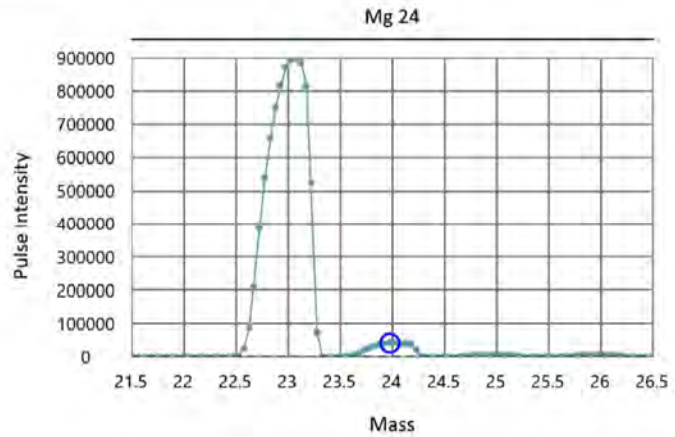
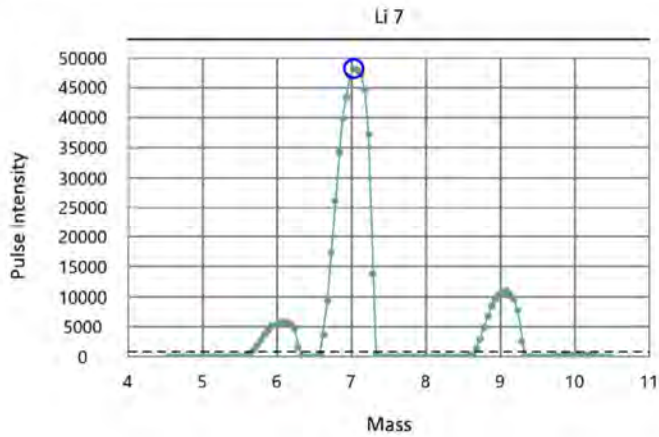
Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.738)

Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.731)

Acq. Date/Time: 12/17/2021 8:16:56 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1331	2022	0.714	
Mg	23.985	23.975	4713	2023	0.707	
In	114.904	114.875	22848	2041	0.696	
Pb	207.977	207.975	41415	2060	0.738	
U	238.05	238.075	47420	2067	0.731	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/22/2021 8:15:32 AM

End Time: 12/22/2021 8:17:54 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 9696.76

Obtained Intensity (Mg 24): 62159.41

Obtained Intensity (In 115): 71166.17

Obtained Intensity (U 238): 57558.74

Obtained Intensity (Bkgd 220): 0.10

Obtained Formula (CeO 156 / Ce 140): 0.019 (=1566.02 / 83386.80)

Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=859.29 / 83386.80)

Obtained RSD (Be 9): 0.0238

Obtained RSD (Mg 24): 0.0070

Obtained RSD (In 115): 0.0119

Obtained RSD (U 238): 0.0124

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/22/2021 8:15:32 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 9696.76
Obtained Intensity (Mg 24): 62159.41
Obtained Intensity (In 115): 71166.17
Obtained Intensity (U 238): 57558.74
Obtained Intensity (Bkgd 220): 0.10
Obtained Formula (CeO 156 / Ce 140): 0.019 (=1566.02 / 83386.80)
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=859.29 / 83386.80)
Obtained RSD (Be 9): 0.0238
Obtained RSD (Mg 24): 0.0070
Obtained RSD (In 115): 0.0119
Obtained RSD (U 238): 0.0124

[Passed] Optimum value(s): N/A

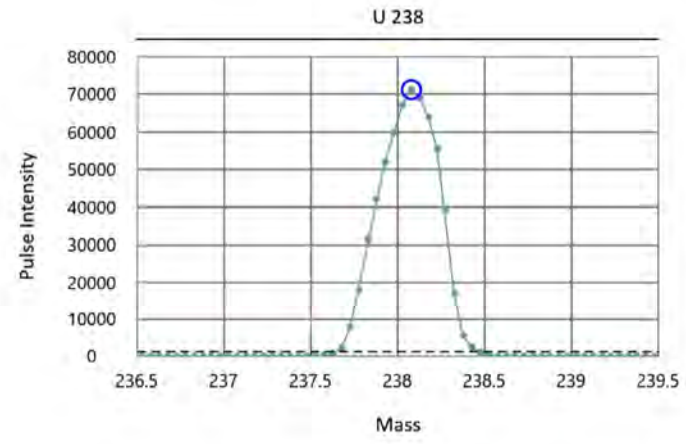
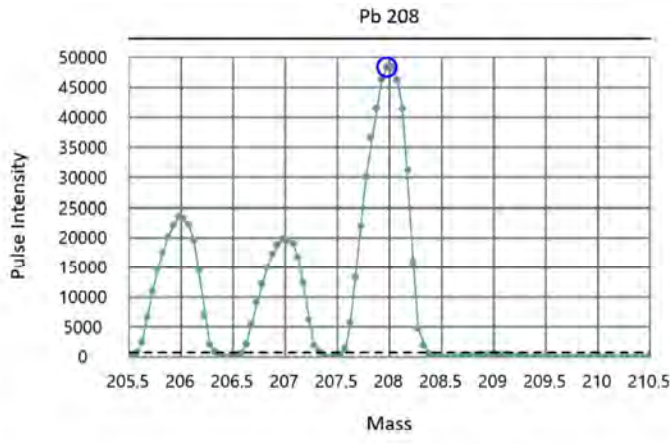
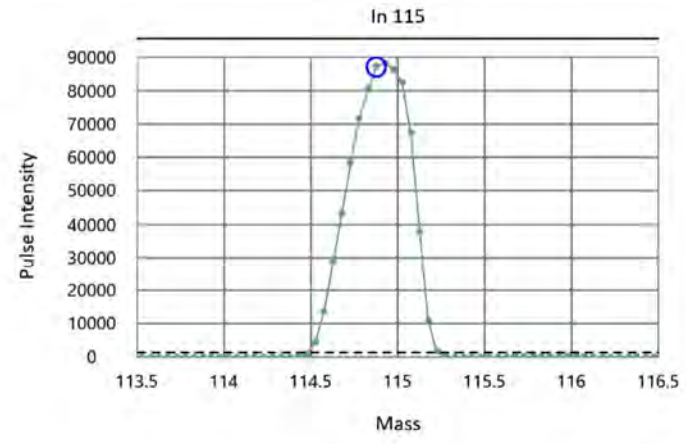
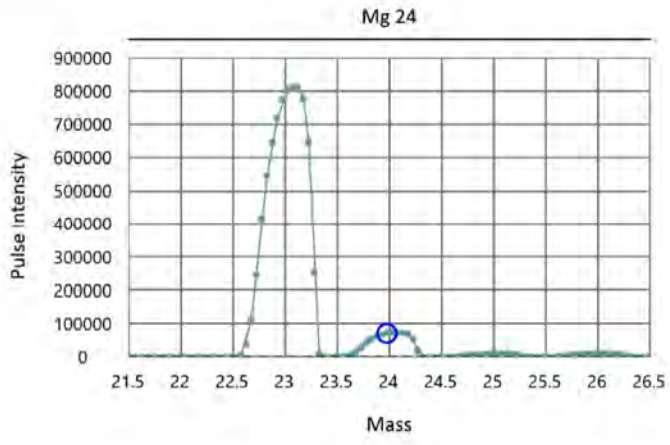
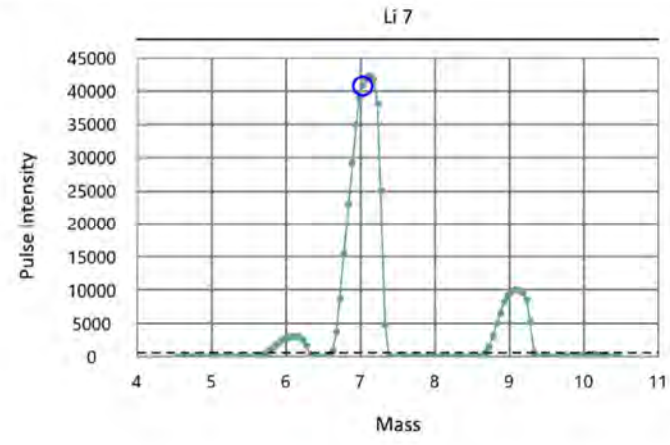
End Time: 12/22/2021 8:17:54 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.710)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.711)
 Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.688)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.731)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.721)

Acq. Date/Time: 12/22/2021 8:05:14 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1325	2022	0.710	
Mg	23.985	23.975	4707	2023	0.711	
In	114.904	114.875	22850	2041	0.688	
Pb	207.977	207.975	41422	2060	0.731	
U	238.05	238.075	47423	2067	0.721	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/23/2021 7:59:28 AM

End Time: 12/23/2021 8:01:51 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10911.77

Obtained Intensity (Mg 24): 49120.84

Obtained Intensity (In 115): 72613.11

Obtained Intensity (U 238): 59363.44

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.020 (=1406.34 / 70024.08)

Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=892.36 / 70024.08)

Obtained RSD (Be 9): 0.0137

Obtained RSD (Mg 24): 0.0047

Obtained RSD (In 115): 0.0149

Obtained RSD (U 238): 0.0152

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/23/2021 7:59:28 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10911.77
Obtained Intensity (Mg 24): 49120.84
Obtained Intensity (In 115): 72613.11
Obtained Intensity (U 238): 59363.44
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.020 (=1406.34 / 70024.08)
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=892.36 / 70024.08)
Obtained RSD (Be 9): 0.0137
Obtained RSD (Mg 24): 0.0047
Obtained RSD (In 115): 0.0149
Obtained RSD (U 238): 0.0152

[Passed] Optimum value(s): N/A

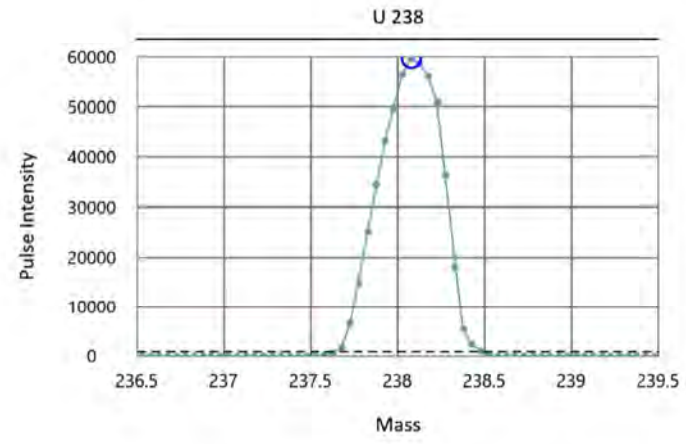
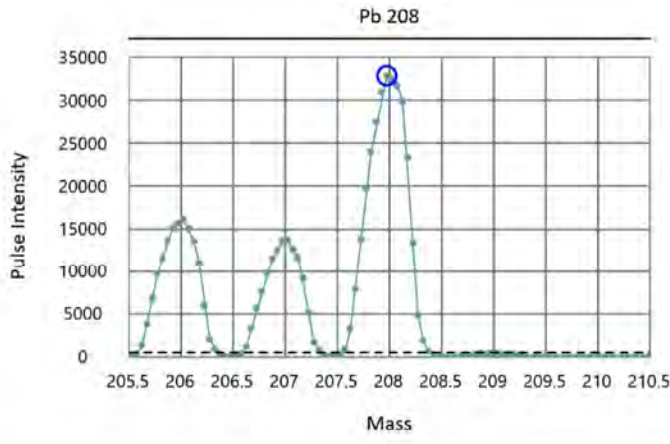
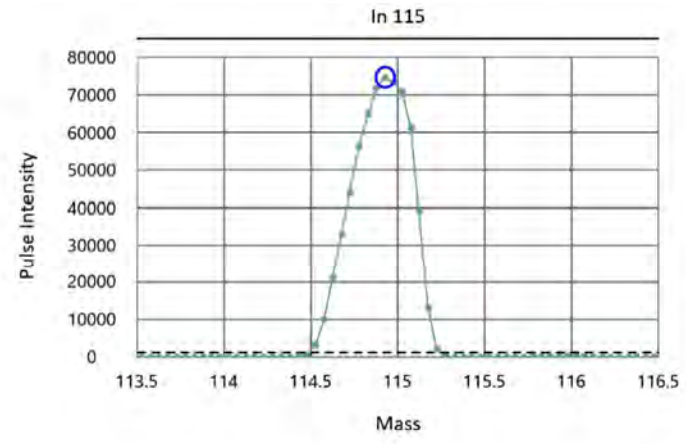
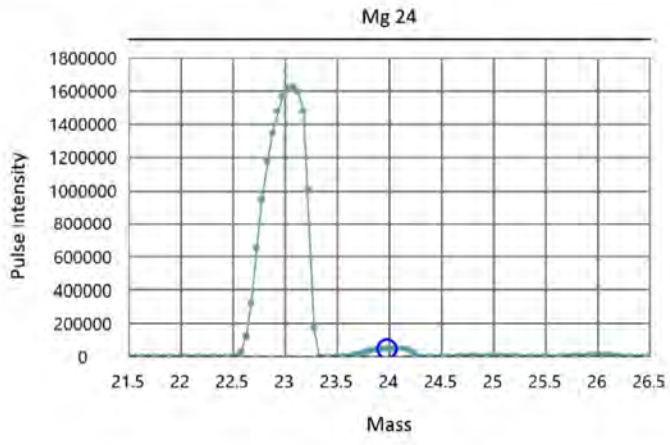
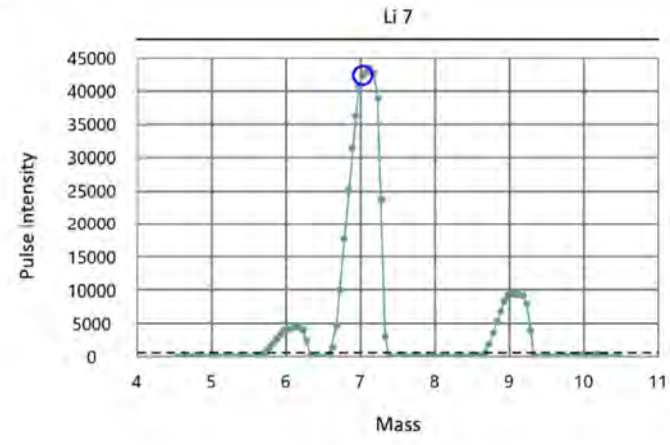
End Time: 12/23/2021 8:01:51 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.706)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.713)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.689)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.744)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.729)

Acq. Date/Time: 12/23/2021 7:44:13 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1327	2022	0.706	
Mg	23.985	23.975	4712	2023	0.713	
In	114.904	114.925	22858	2041	0.689	
Pb	207.977	207.975	41420	2060	0.744	
U	238.05	238.075	47422	2067	0.729	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/27/2021 8:51:05 AM

End Time: 12/27/2021 8:53:26 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 9233.98

Obtained Intensity (Mg 24): 35826.94

Obtained Intensity (In 115): 62539.22

Obtained Intensity (U 238): 52610.43

Obtained Intensity (Bkgd 220): 0.10

Obtained Formula (CeO 156 / Ce 140): 0.019 (=1144.11 / 59664.95)

Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=819.96 / 59664.95)

Obtained RSD (Be 9): 0.0107

Obtained RSD (Mg 24): 0.0141

Obtained RSD (In 115): 0.0162

Obtained RSD (U 238): 0.0057

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/27/2021 8:51:05 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 9233.98
Obtained Intensity (Mg 24): 35826.94
Obtained Intensity (In 115): 62539.22
Obtained Intensity (U 238): 52610.43
Obtained Intensity (Bkgd 220): 0.10
Obtained Formula (CeO 156 / Ce 140): 0.019 (=1144.11 / 59664.95)
Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=819.96 / 59664.95)
Obtained RSD (Be 9): 0.0107
Obtained RSD (Mg 24): 0.0141
Obtained RSD (In 115): 0.0162
Obtained RSD (U 238): 0.0057

[Passed] Optimum value(s): N/A

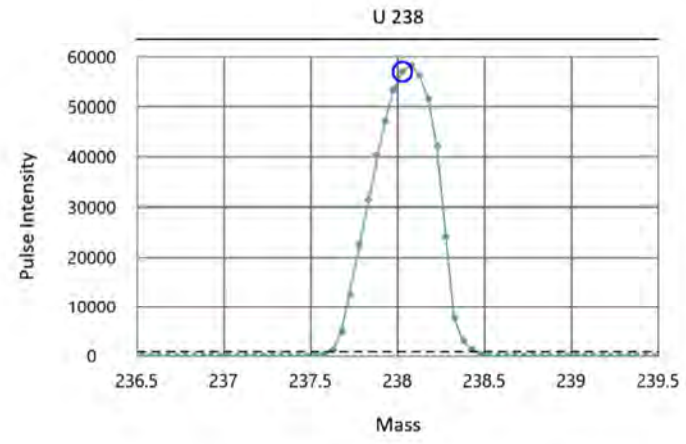
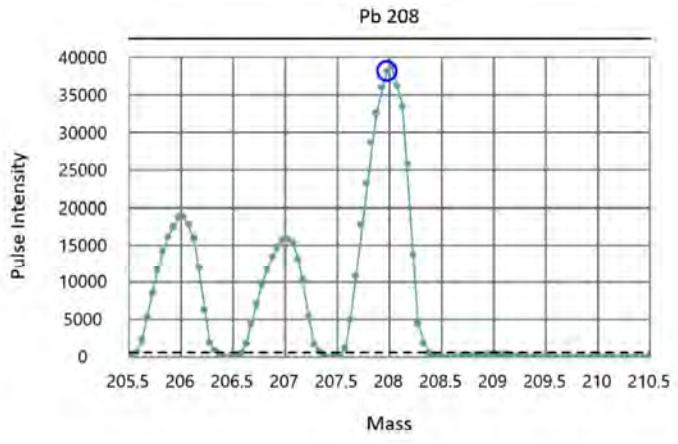
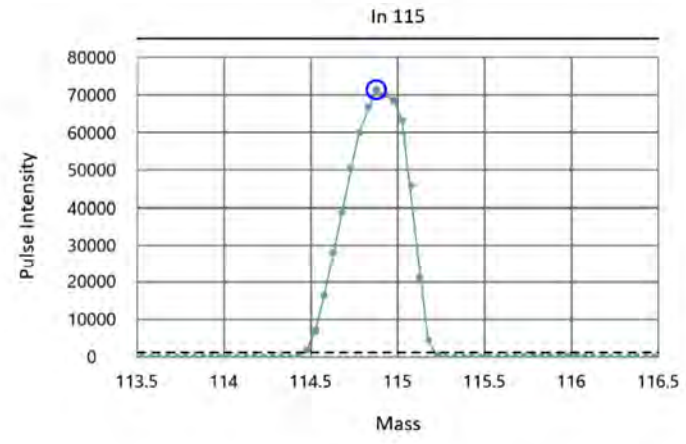
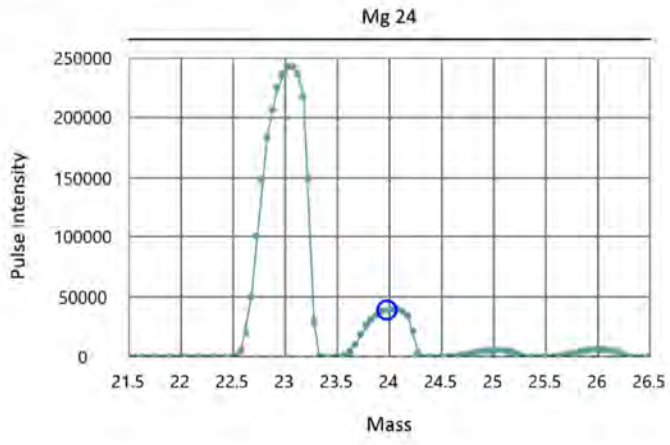
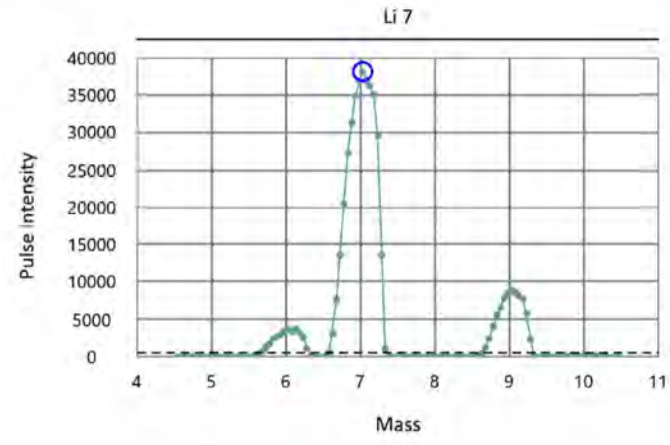
End Time: 12/27/2021 8:53:26 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.722)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.714)
 Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.694)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.740)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.738)

Acq. Date/Time: 12/27/2021 8:40:27 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1328	2022	0.722	
Mg	23.985	23.975	4710	2023	0.714	
In	114.904	114.875	22852	2041	0.694	
Pb	207.977	207.975	41419	2060	0.740	
U	238.05	238.025	47417	2067	0.738	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/28/2021 8:25:59 AM

End Time: 12/28/2021 8:28:21 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10447.82

Obtained Intensity (Mg 24): 36319.45

Obtained Intensity (In 115): 70416.28

Obtained Intensity (U 238): 59389.41

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.020 (=1288.46 / 63565.53)

Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=867.63 / 63565.53)

Obtained RSD (Be 9): 0.0151

Obtained RSD (Mg 24): 0.0119

Obtained RSD (In 115): 0.0147

Obtained RSD (U 238): 0.0135

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/28/2021 8:25:59 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10447.82
Obtained Intensity (Mg 24): 36319.45
Obtained Intensity (In 115): 70416.28
Obtained Intensity (U 238): 59389.41
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.020 (=1288.46 / 63565.53)
Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=867.63 / 63565.53)
Obtained RSD (Be 9): 0.0151
Obtained RSD (Mg 24): 0.0119
Obtained RSD (In 115): 0.0147
Obtained RSD (U 238): 0.0135

[Passed] Optimum value(s): N/A

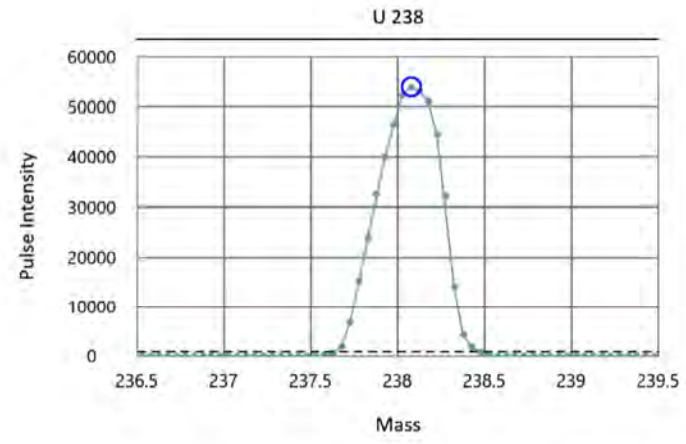
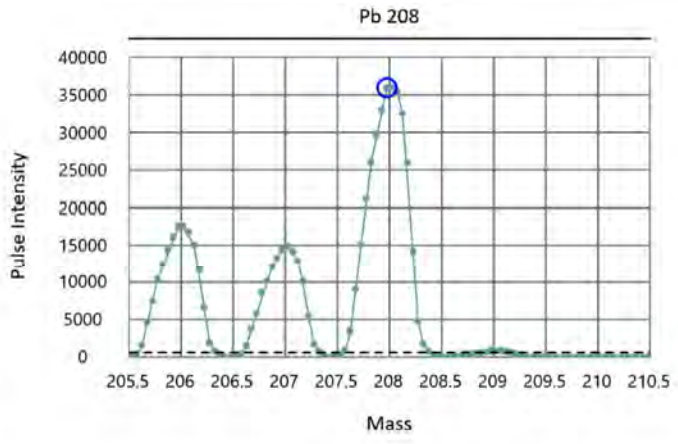
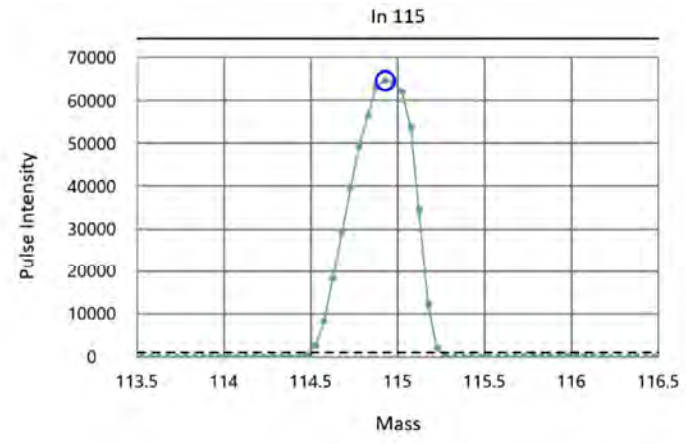
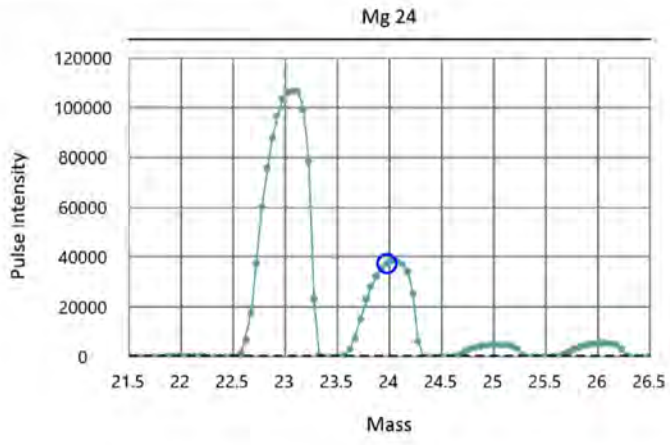
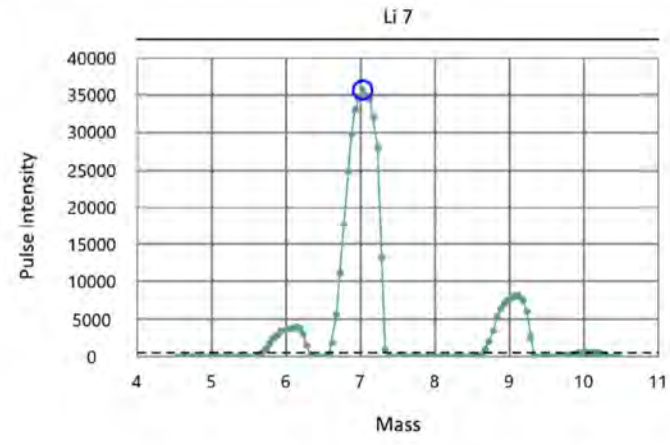
End Time: 12/28/2021 8:28:21 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.702)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.712)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.690)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.732)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.727)

Acq. Date/Time: 12/28/2021 8:11:36 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1329	2022	0.702	
Mg	23.985	23.975	4708	2023	0.712	
In	114.904	114.925	22856	2041	0.690	
Pb	207.977	207.975	41418	2060	0.732	
U	238.05	238.075	47421	2067	0.727	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Full.swz

Start Time: 12/29/2021 8:04:29 AM

End Time: 12/29/2021 8:06:52 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10268.42

Obtained Intensity (Mg 24): 36453.59

Obtained Intensity (In 115): 63699.54

Obtained Intensity (U 238): 55776.02

Obtained Intensity (Bkgd 220): 0.00

Obtained Formula (CeO 156 / Ce 140): 0.023 (=1168.58 / 51717.92)

Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=738.89 / 51717.92)

Obtained RSD (Be 9): 0.0149

Obtained RSD (Mg 24): 0.0061

Obtained RSD (In 115): 0.0179

Obtained RSD (U 238): 0.0146

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Full.swz

Optimization Status

Start Time: 12/29/2021 8:04:29 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily PerformanceA.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10268.42
Obtained Intensity (Mg 24): 36453.59
Obtained Intensity (In 115): 63699.54
Obtained Intensity (U 238): 55776.02
Obtained Intensity (Bkgd 220): 0.00
Obtained Formula (CeO 156 / Ce 140): 0.023 (=1168.58 / 51717.92)
Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=738.89 / 51717.92)
Obtained RSD (Be 9): 0.0149
Obtained RSD (Mg 24): 0.0061
Obtained RSD (In 115): 0.0179
Obtained RSD (U 238): 0.0146

[Passed] Optimum value(s): N/A

End Time: 12/29/2021 8:06:52 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A

Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.706)

Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.702)

Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.696)

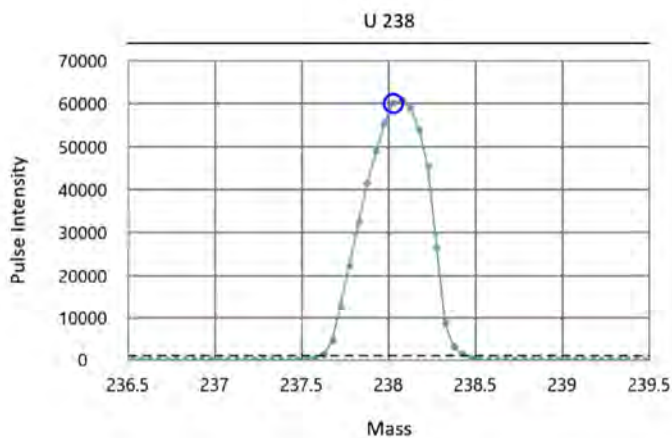
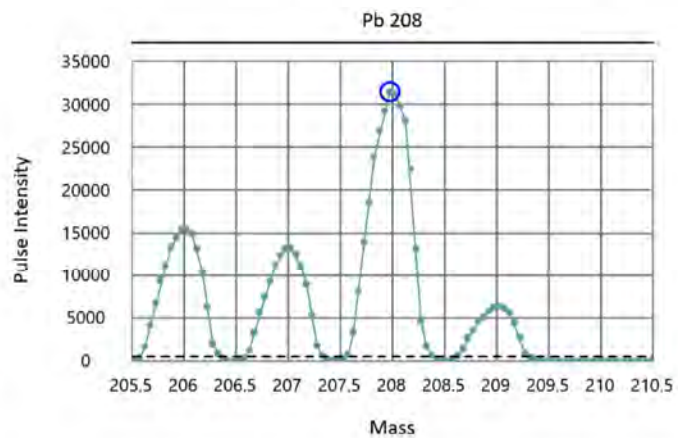
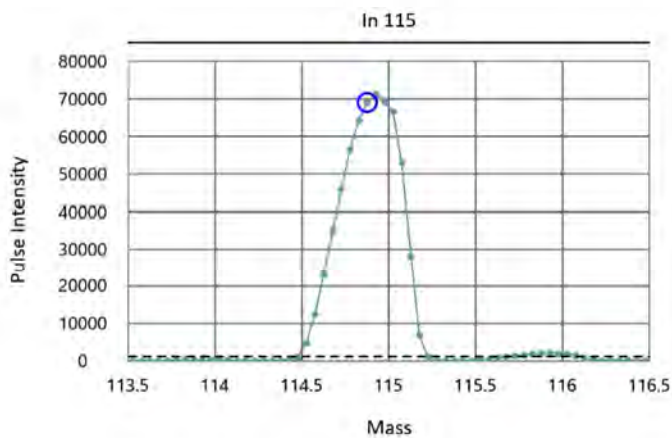
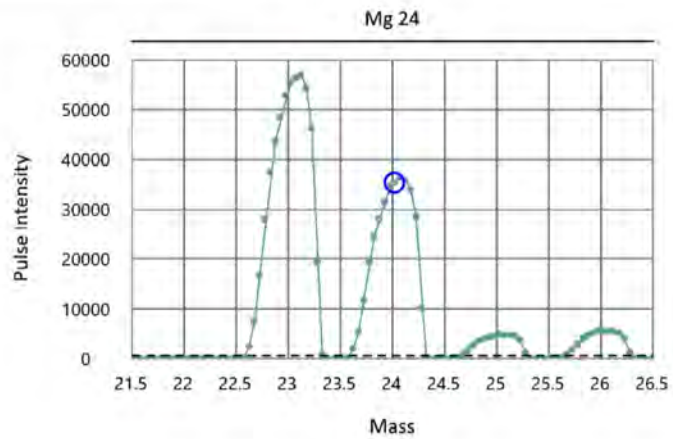
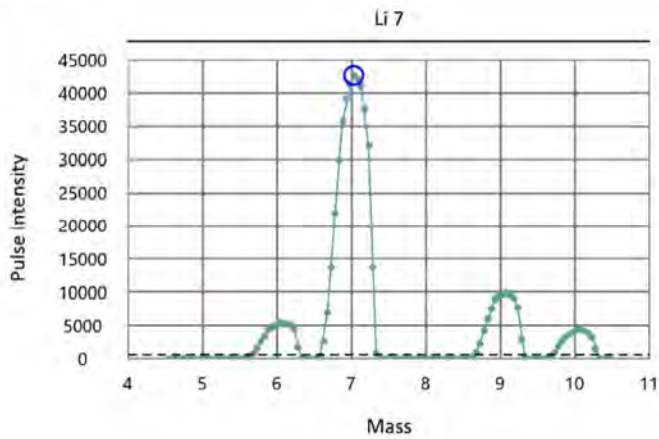
Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.746)

Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.729)

Acq. Date/Time: 12/29/2021 7:54:13 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1330	2022	0.706	
Mg	23.985	24.025	4715	2023	0.702	
In	114.904	114.875	22850	2041	0.696	
Pb	207.977	207.975	41417	2060	0.746	
U	238.05	238.025	47416	2067	0.729	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/4/2022 9:40:02 AM

End Time: 1/4/2022 9:42:21 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10675.19

Obtained Intensity (Mg 24): 39169.63

Obtained Intensity (In 115): 64946.07

Obtained Intensity (U 238): 52950.44

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.025 (=1438.47 / 56598.70)

Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=842.69 / 56598.70)

Obtained RSD (Be 9): 0.0134

Obtained RSD (Mg 24): 0.0099

Obtained RSD (In 115): 0.0197

Obtained RSD (U 238): 0.0175

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/4/2022 9:40:02 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10675.19
Obtained Intensity (Mg 24): 39169.63
Obtained Intensity (In 115): 64946.07
Obtained Intensity (U 238): 52950.44
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.025 (=1438.47 / 56598.70)
Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=842.69 / 56598.70)
Obtained RSD (Be 9): 0.0134
Obtained RSD (Mg 24): 0.0099
Obtained RSD (In 115): 0.0197
Obtained RSD (U 238): 0.0175

[Passed] Optimum value(s): N/A

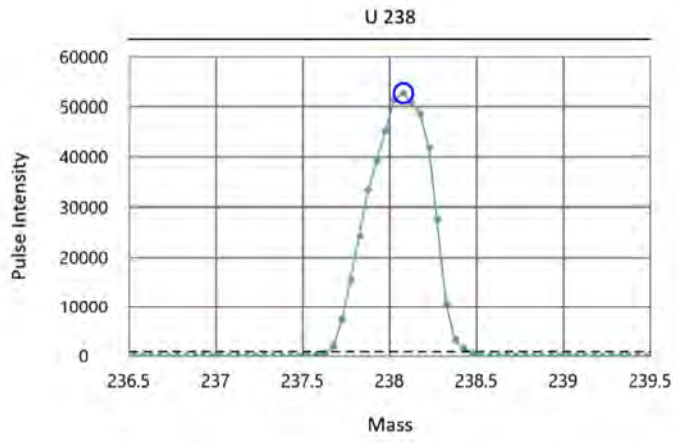
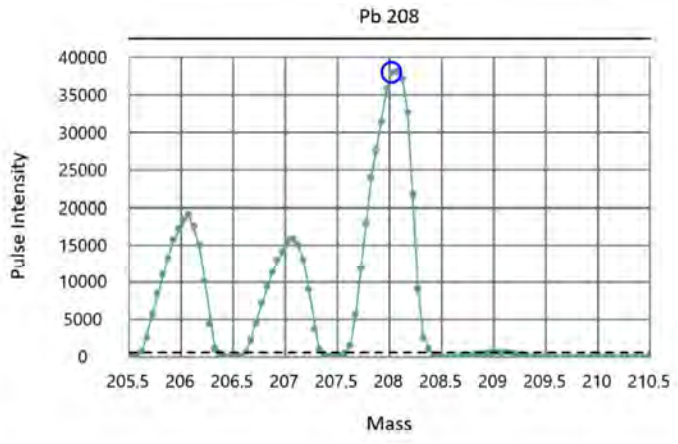
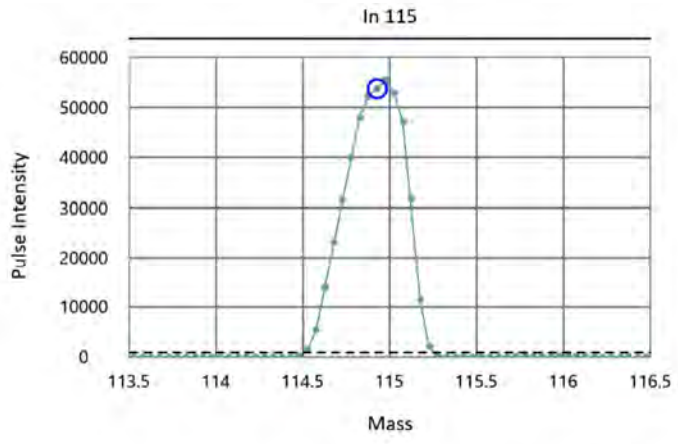
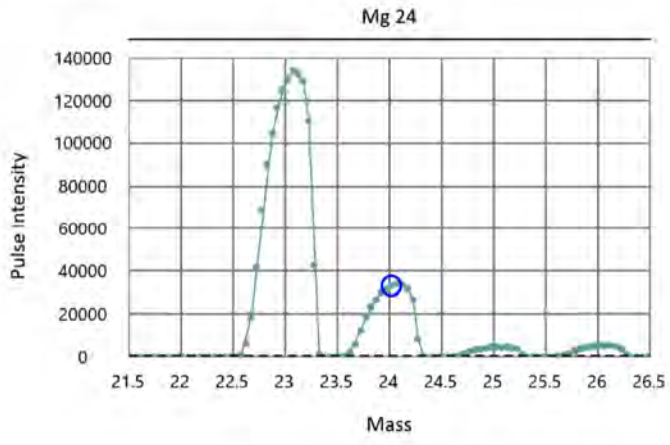
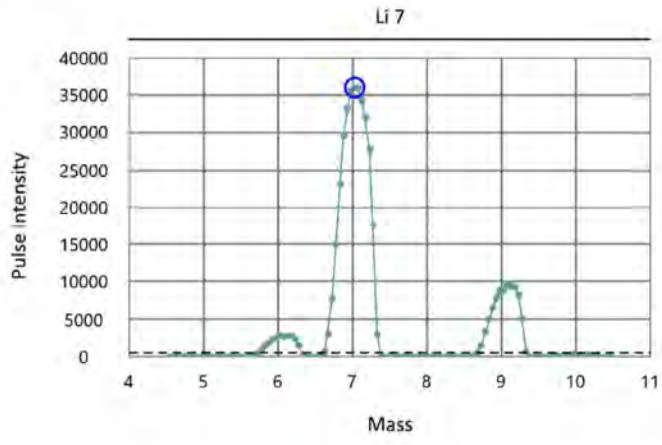
End Time: 1/4/2022 9:42:21 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.697)
 Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.704)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.682)
 Target/Obtained mass (207.977/208.025), Target/Obtained resolution (0.7/0.720)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.714)

Acq. Date/Time: 1/4/2022 9:25:30 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1325	2022	0.697	
Mg	23.985	24.025	4716	2023	0.704	
In	114.904	114.925	22856	2041	0.682	
Pb	207.977	208.025	41423	2060	0.720	
U	238.05	238.075	47423	2067	0.714	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/6/2022 8:20:15 AM

End Time: 1/6/2022 8:22:35 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 11048.67

Obtained Intensity (Mg 24): 47864.41

Obtained Intensity (In 115): 78221.83

Obtained Intensity (U 238): 64046.81

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.022 (=1618.03 / 74126.98)

Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=834.36 / 74126.98)

Obtained RSD (Be 9): 0.0191

Obtained RSD (Mg 24): 0.0205

Obtained RSD (In 115): 0.0191

Obtained RSD (U 238): 0.0165

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/6/2022 8:20:15 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 11048.67
Obtained Intensity (Mg 24): 47864.41
Obtained Intensity (In 115): 78221.83
Obtained Intensity (U 238): 64046.81
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.022 (=1618.03 / 74126.98)
Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=834.36 / 74126.98)
Obtained RSD (Be 9): 0.0191
Obtained RSD (Mg 24): 0.0205
Obtained RSD (In 115): 0.0191
Obtained RSD (U 238): 0.0165

[Passed] Optimum value(s): N/A

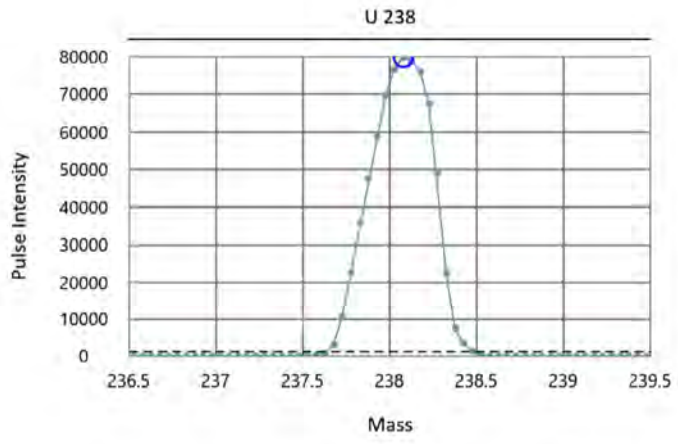
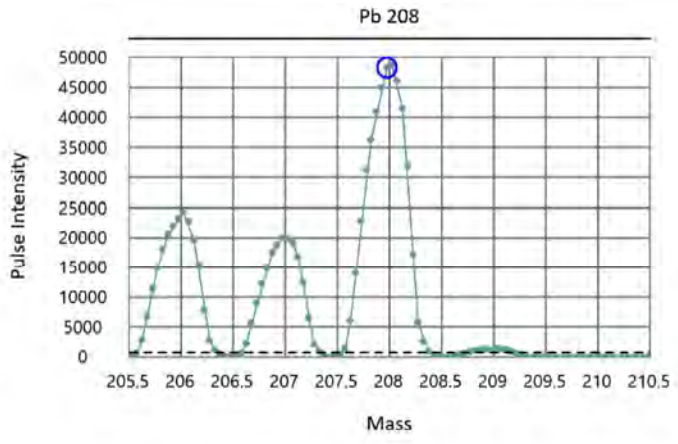
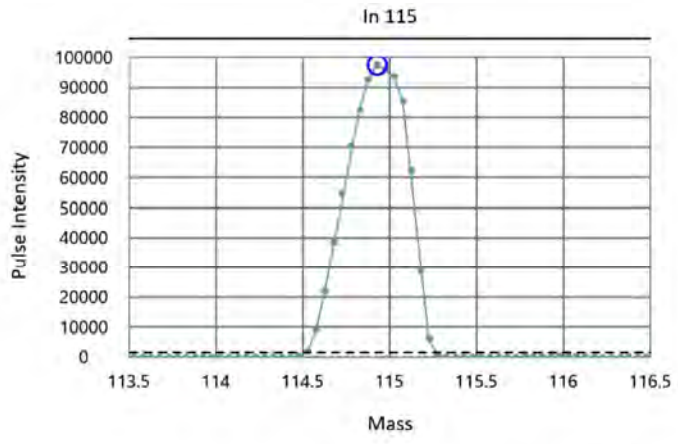
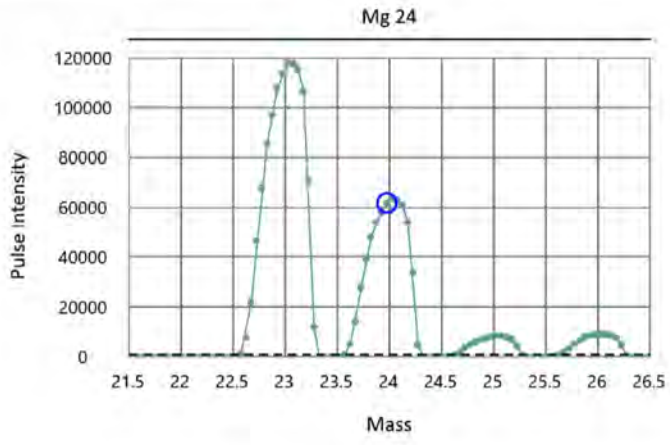
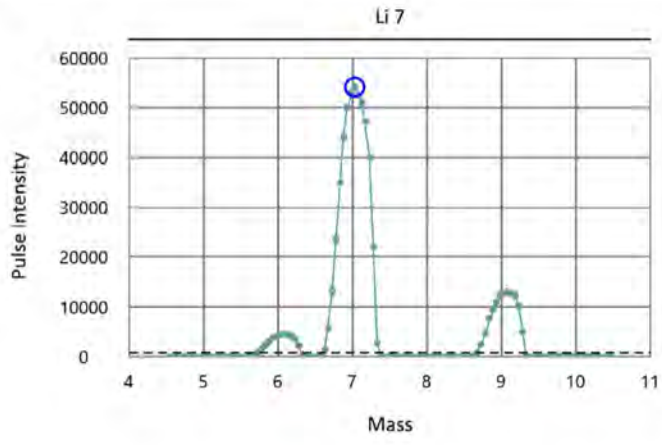
End Time: 1/6/2022 8:22:35 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.689)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.696)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.691)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.745)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.737)

Acq. Date/Time: 1/6/2022 8:07:37 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1327	2022	0.689	
Mg	23.985	23.975	4712	2023	0.696	
In	114.904	114.925	22854	2041	0.691	
Pb	207.977	207.975	41421	2060	0.745	
U	238.05	238.075	47422	2067	0.737	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/11/2022 9:31:01 AM

End Time: 1/11/2022 9:33:21 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 11510.70

Obtained Intensity (Mg 24): 45616.20

Obtained Intensity (In 115): 75945.82

Obtained Intensity (U 238): 69024.96

Obtained Intensity (Bkgd 220): 0.20

Obtained Formula (CeO 156 / Ce 140): 0.020 (=1652.23 / 81150.65)

Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=786.42 / 81150.65)

Obtained RSD (Be 9): 0.0116

Obtained RSD (Mg 24): 0.0185

Obtained RSD (In 115): 0.0094

Obtained RSD (U 238): 0.0087

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/11/2022 9:31:01 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 11510.70
Obtained Intensity (Mg 24): 45616.20
Obtained Intensity (In 115): 75945.82
Obtained Intensity (U 238): 69024.96
Obtained Intensity (Bkgd 220): 0.20
Obtained Formula (CeO 156 / Ce 140): 0.020 (=1652.23 / 81150.65)
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=786.42 / 81150.65)
Obtained RSD (Be 9): 0.0116
Obtained RSD (Mg 24): 0.0185
Obtained RSD (In 115): 0.0094
Obtained RSD (U 238): 0.0087

[Passed] Optimum value(s): N/A

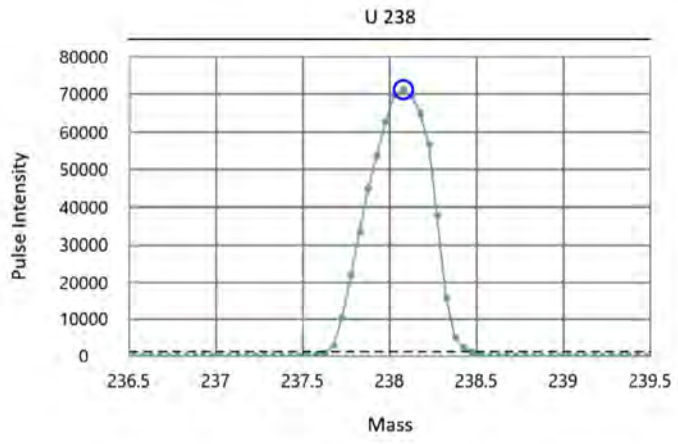
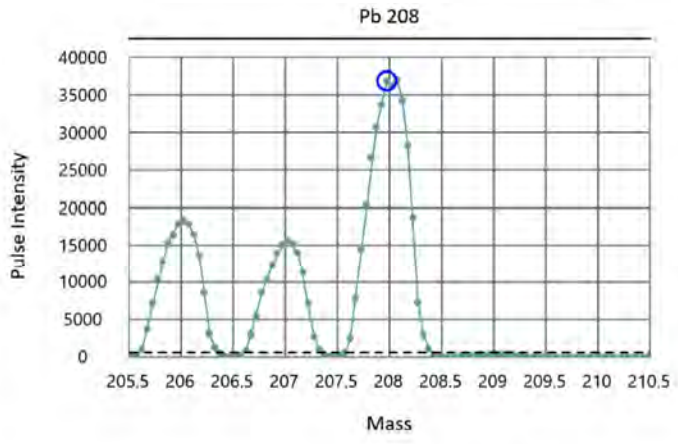
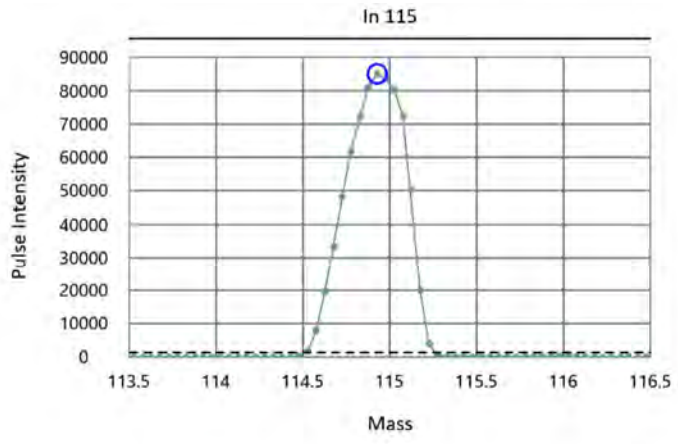
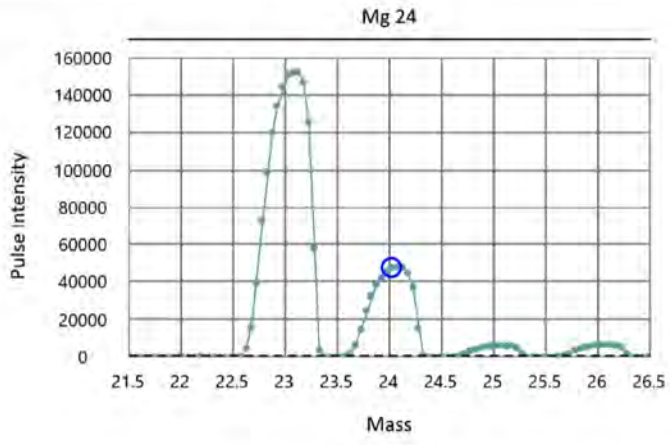
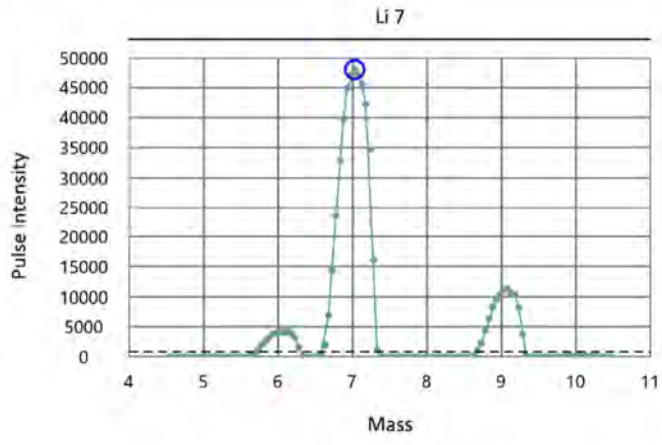
End Time: 1/11/2022 9:33:21 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.692)
 Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.691)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.679)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.746)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.723)

Acq. Date/Time: 1/11/2022 9:05:16 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1330	2022	0.692	
Mg	23.985	24.025	4715	2023	0.691	
In	114.904	114.925	22856	2041	0.679	
Pb	207.977	207.975	41418	2060	0.746	
U	238.05	238.075	47425	2067	0.723	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/17/2022 9:37:06 AM

End Time: 1/17/2022 9:39:28 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 11421.43

Obtained Intensity (Mg 24): 37277.39

Obtained Intensity (In 115): 72979.04

Obtained Intensity (U 238): 67507.29

Obtained Intensity (Bkgd 220): 0.00

Obtained Formula (CeO 156 / Ce 140): 0.024 (=1393.87 / 57079.44)

Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=810.16 / 57079.44)

Obtained RSD (Be 9): 0.0159

Obtained RSD (Mg 24): 0.0213

Obtained RSD (In 115): 0.0345

Obtained RSD (U 238): 0.0156

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/17/2022 9:37:06 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 11421.43
Obtained Intensity (Mg 24): 37277.39
Obtained Intensity (In 115): 72979.04
Obtained Intensity (U 238): 67507.29
Obtained Intensity (Bkgd 220): 0.00
Obtained Formula (CeO 156 / Ce 140): 0.024 (=1393.87 / 57079.44)
Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=810.16 / 57079.44)
Obtained RSD (Be 9): 0.0159
Obtained RSD (Mg 24): 0.0213
Obtained RSD (In 115): 0.0345
Obtained RSD (U 238): 0.0156

[Passed] Optimum value(s): N/A

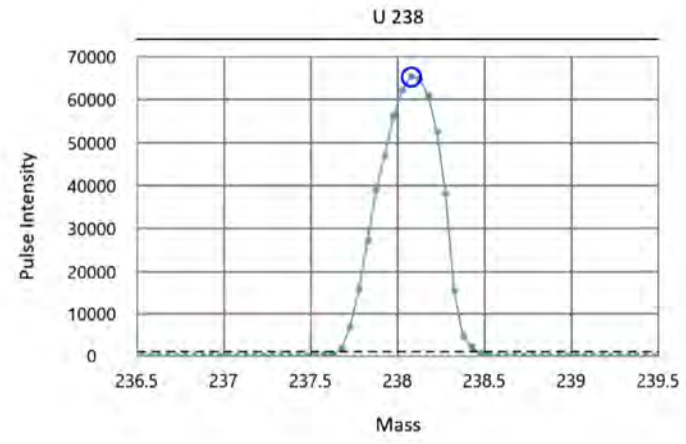
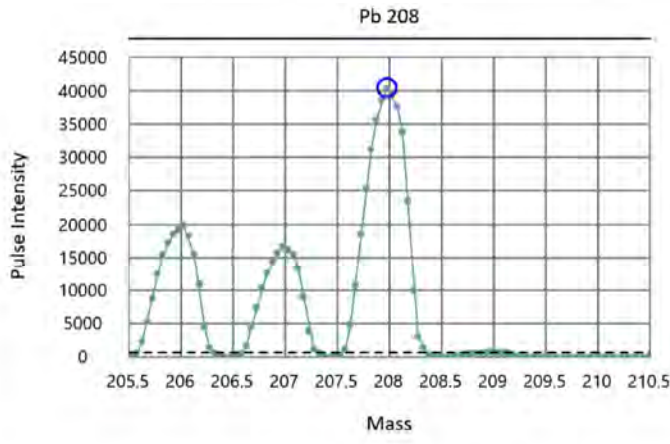
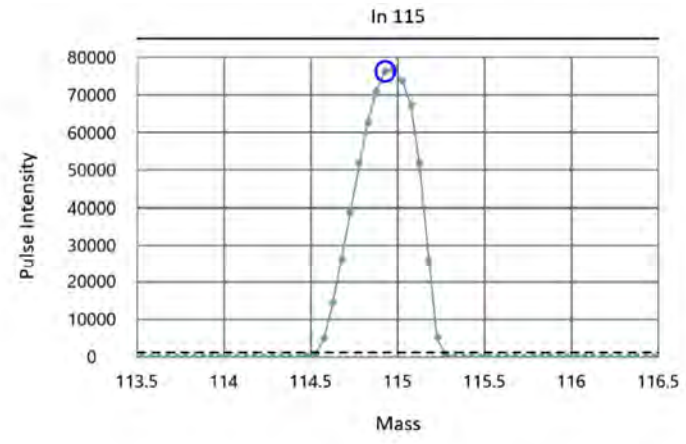
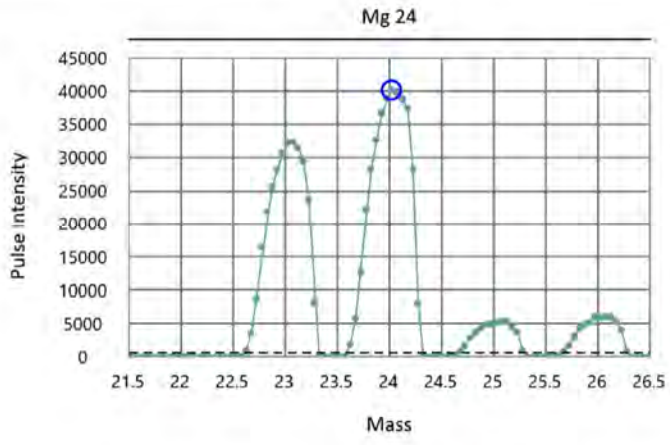
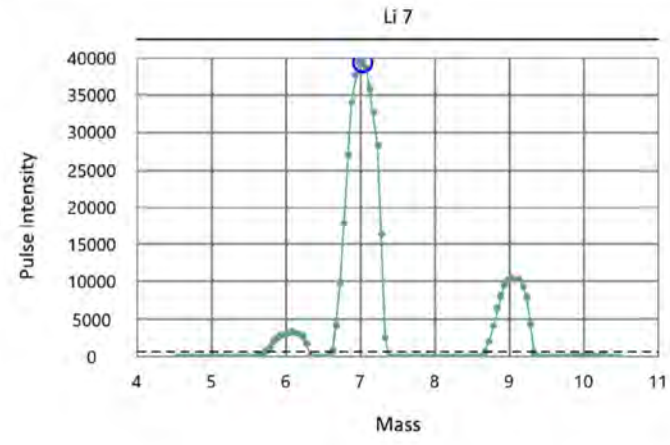
End Time: 1/17/2022 9:39:28 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.696)
 Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.687)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.680)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.720)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.714)

Acq. Date/Time: 1/17/2022 9:17:47 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1325	2022	0.696	
Mg	23.985	24.025	4716	2023	0.687	
In	114.904	114.925	22852	2041	0.680	
Pb	207.977	207.975	41424	2060	0.720	
U	238.05	238.075	47423	2067	0.714	





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Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Shannon & Wilson

Meg Strong
400 N. 34th Street, Suite 100
Seattle, WA 98103

RE: 8801- Remediaton
Work Order Number: 2112277

February 04, 2022

Attention Meg Strong:

Fremont Analytical, Inc. received 73 sample(s) on 12/16/2021 for the analyses presented in the following report.

Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Revision v7

www.fremontanalytical.com



Date: 03/11/2022

CLIENT: Shannon & Wilson
Project: 8801- Remediaton
Work Order: 2112277

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2112277-001	A4-SIDE65:2	12/15/2021 9:50 AM	12/16/2021 8:30 AM
2112277-002	A4-SIDE65:5	12/15/2021 9:53 AM	12/16/2021 8:30 AM
2112277-003	A4-SIDE65:6	12/15/2021 9:54 AM	12/16/2021 8:30 AM
2112277-004	A4-SIDE65:7	12/15/2021 9:59 AM	12/16/2021 8:30 AM
2112277-005	A4-SIDE65:8	12/15/2021 10:00 AM	12/16/2021 8:30 AM
2112277-006	A4-SIDE65:9	12/15/2021 10:01 AM	12/16/2021 8:30 AM
2112277-007	A4-SIDE65:10	12/15/2021 10:05 AM	12/16/2021 8:30 AM
2112277-008	A4-SIDE65:11	12/15/2021 10:06 AM	12/16/2021 8:30 AM
2112277-009	A4-SIDE65:12	12/15/2021 10:07 AM	12/16/2021 8:30 AM
2112277-010	A4-SIDE65:13	12/15/2021 10:10 AM	12/16/2021 8:30 AM
2112277-011	A4-SIDE65:14	12/15/2021 10:11 AM	12/16/2021 8:30 AM
2112277-012	A4-SIDE65:15	12/15/2021 10:12 AM	12/16/2021 8:30 AM
2112277-013	A4-SIDE66:1.5	12/15/2021 9:38 AM	12/16/2021 8:30 AM
2112277-014	A4-SIDE66:5	12/15/2021 9:42 AM	12/16/2021 8:30 AM
2112277-015	A4-SIDE67:3	12/15/2021 10:28 AM	12/16/2021 8:30 AM
2112277-016	A4-SIDE67:6	12/15/2021 10:29 AM	12/16/2021 8:30 AM
2112277-017	A4-SIDE68:2	12/15/2021 10:45 AM	12/16/2021 8:30 AM
2112277-018	A4-SIDE68:7	12/15/2021 10:52 AM	12/16/2021 8:30 AM
2112277-019	A4-SIDE69:1.5	12/15/2021 11:09 AM	12/16/2021 8:30 AM
2112277-020	A4-SIDE203:1.5	12/15/2021 1:00 PM	12/16/2021 8:30 AM
2112277-021	A4-SIDE69:6.5	12/15/2021 11:13 AM	12/16/2021 8:30 AM
2112277-022	A4-SIDE70:2	12/15/2021 11:20 AM	12/16/2021 8:30 AM
2112277-023	A4-SIDE70:7	12/15/2021 11:21 AM	12/16/2021 8:30 AM
2112277-024	A4-SIDE71:2.5	12/15/2021 11:25 AM	12/16/2021 8:30 AM
2112277-025	A4-SIDE71:7	12/15/2021 11:30 AM	12/16/2021 8:30 AM
2112277-026	A4-SIDE71:8	12/15/2021 11:31 AM	12/16/2021 8:30 AM
2112277-027	A4-SIDE71:9	12/15/2021 11:32 AM	12/16/2021 8:30 AM
2112277-028	A4-SIDE71:10	12/15/2021 11:39 AM	12/16/2021 8:30 AM
2112277-029	A4-SIDE71:11	12/15/2021 11:40 AM	12/16/2021 8:30 AM
2112277-030	A4-SIDE71:12	12/15/2021 11:41 AM	12/16/2021 8:30 AM
2112277-031	A4-SIDE71:13	12/15/2021 11:45 AM	12/16/2021 8:30 AM
2112277-032	A4-SIDE71:14	12/15/2021 11:46 AM	12/16/2021 8:30 AM
2112277-033	A4-SIDE71:15	12/15/2021 11:47 AM	12/16/2021 8:30 AM
2112277-034	A4-SIDE72:2	12/15/2021 1:19 PM	12/16/2021 8:30 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson
Project: 8801- Remediaton
Work Order: 2112277

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2112277-035	A4-SIDE72:6.5	12/15/2021 1:25 PM	12/16/2021 8:30 AM
2112277-036	A4-SIDE73:2.5	12/15/2021 1:30 PM	12/16/2021 8:30 AM
2112277-037	A4-SIDE73:7	12/15/2021 1:31 PM	12/16/2021 8:30 AM
2112277-038	A4-SIDE204:2.5	12/15/2021 2:00 PM	12/16/2021 8:30 AM
2112277-039	A4-SIDE74:2.5	12/15/2021 1:43 PM	12/16/2021 8:30 AM
2112277-040	A4-SIDE74:7	12/15/2021 1:45 PM	12/16/2021 8:30 AM
2112277-041	A4-SIDE77:2	12/15/2021 2:55 PM	12/16/2021 8:30 AM
2112277-042	A4-SIDE77:6.5	12/15/2021 3:00 PM	12/16/2021 8:30 AM
2112277-043	A4-SIDE78:1.5	12/15/2021 3:10 PM	12/16/2021 8:30 AM
2112277-044	A4-SIDE206:1.5	12/15/2021 3:30 PM	12/16/2021 8:30 AM
2112277-045	A4-SIDE78:7	12/15/2021 3:17 PM	12/16/2021 8:30 AM
2112277-046	A4-SIDE78:8	12/15/2021 3:18 PM	12/16/2021 8:30 AM
2112277-047	A4-SIDE78:9	12/15/2021 3:19 PM	12/16/2021 8:30 AM
2112277-048	A4-SIDE78:10	12/15/2021 3:21 PM	12/16/2021 8:30 AM
2112277-049	A4-SIDE78:11	12/15/2021 3:22 PM	12/16/2021 8:30 AM
2112277-050	A4-SIDE78:12	12/15/2021 3:25 PM	12/16/2021 8:30 AM
2112277-051	A4-SIDE76:7	12/15/2021 2:32 PM	12/16/2021 8:30 AM
2112277-052	A4-SIDE76:8	12/15/2021 2:33 PM	12/16/2021 8:30 AM
2112277-053	A4-SIDE205:1.5	12/15/2021 3:30 PM	12/16/2021 8:30 AM
2112277-054	A4-SIDE76:9	12/15/2021 2:34 PM	12/16/2021 8:30 AM
2112277-055	A4-SIDE76:10	12/15/2021 2:38 PM	12/16/2021 8:30 AM
2112277-056	A4-SIDE76:11	12/15/2021 2:39 PM	12/16/2021 8:30 AM
2112277-057	A4-SIDE76:12	12/15/2021 2:40 PM	12/16/2021 8:30 AM
2112277-058	A4-SIDE76:13	12/15/2021 2:44 PM	12/16/2021 8:30 AM
2112277-059	A4-SIDE76:14	12/15/2021 2:45 PM	12/16/2021 8:30 AM
2112277-060	A4-SIDE76:15	12/15/2021 2:46 PM	12/16/2021 8:30 AM
2112277-061	A4-SIDE75:2	12/15/2021 1:58 PM	12/16/2021 8:30 AM
2112277-062	A4-SIDE75:1	12/15/2021 2:02 PM	12/16/2021 8:30 AM
2112277-063	A4-SIDE75:8	12/15/2021 2:03 PM	12/16/2021 8:30 AM
2112277-064	A4-SIDE75:9	12/15/2021 2:04 PM	12/16/2021 8:30 AM
2112277-065	A4-SIDE75:10	12/15/2021 2:08 PM	12/16/2021 8:30 AM
2112277-066	A4-SIDE75:11	12/15/2021 2:09 PM	12/16/2021 8:30 AM
2112277-067	A4-SIDE75:12	12/15/2021 2:10 PM	12/16/2021 8:30 AM
2112277-068	A4-SIDE75:13	12/15/2021 2:13 PM	12/16/2021 8:30 AM
2112277-069	A4-SIDE75:14	12/15/2021 2:14 PM	12/16/2021 8:30 AM
2112277-070	A4-SIDE76:1.5	12/15/2021 2:25 PM	12/16/2021 8:30 AM
2112277-071	A4-SIDE78:13	12/15/2021 1:26 PM	12/16/2021 8:30 AM
2112277-072	A4-SIDE78:14	12/15/2021 1:27 PM	12/16/2021 8:30 AM
2112277-073	A4-SIDE78:15	12/15/2021 1:28 PM	12/16/2021 8:30 AM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson

Project: 8801- Remediaton

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2112277-001A-002, 013-026, 034-047, 052, 054-059, 061-065) required Acid Cleanup Procedure (Using Method No 3665A).

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2112277-001A-002, 013-026, 034-047, 052, 054-059, 061-065) required Florisil Cleanup Procedure (Using Method No 3620C).

3/11/2022: Revision 7 includes level 2B data validation package.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Client: Shannon & Wilson

Collection Date: 12/15/2021 9:50:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-001

Matrix: Soil

Client Sample ID: A4-SIDE65:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34788

Analyst: SB

Aroclor 1016	ND	0.0482	0.00776		mg/Kg-dry	1	12/17/21 14:24:57
Aroclor 1221	ND	0.0482	0.00776		mg/Kg-dry	1	12/17/21 14:24:57
Aroclor 1232	ND	0.0482	0.00776		mg/Kg-dry	1	12/17/21 14:24:57
Aroclor 1242	ND	0.0482	0.00776		mg/Kg-dry	1	12/17/21 14:24:57
Aroclor 1248	ND	0.0482	0.00958		mg/Kg-dry	1	12/17/21 14:24:57
Aroclor 1254	0.0917	0.0482	0.00958		mg/Kg-dry	1	12/17/21 14:24:57
Aroclor 1260	ND	0.0482	0.00958		mg/Kg-dry	1	12/17/21 14:24:57
Aroclor 1262	ND	0.0482	0.00958		mg/Kg-dry	1	12/17/21 14:24:57
Aroclor 1268	ND	0.0482	0.00958		mg/Kg-dry	1	12/17/21 14:24:57
Total PCBs	0.0917	0.0482	0.00958		mg/Kg-dry	1	12/17/21 14:24:57
Surr: Decachlorobiphenyl	103	25.9 - 167			%Rec	1	12/17/21 14:24:57
Surr: Tetrachloro-m-xylene	101	31.3 - 173			%Rec	1	12/17/21 14:24:57

Total Metals by EPA Method 6020B

Batch ID: 34785

Analyst: EH

Copper	161	8.92	1.67	D	mg/Kg-dry	10	12/20/21 13:11:09
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Sample Moisture (Percent Moisture)

Batch ID: R72007

Analyst: KJ

Percent Moisture	15.7	0.500	0.100		wt%	1	12/16/21 11:45:53
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Client: Shannon & Wilson

Collection Date: 12/15/2021 9:53:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-002

Matrix: Soil

Client Sample ID: A4-SIDE65:5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34788

Analyst: SB

Aroclor 1016	ND	0.0476	0.00767		mg/Kg-dry	1	12/17/21 14:54:07
Aroclor 1221	ND	0.0476	0.00767		mg/Kg-dry	1	12/17/21 14:54:07
Aroclor 1232	ND	0.0476	0.00767		mg/Kg-dry	1	12/17/21 14:54:07
Aroclor 1242	ND	0.0476	0.00767		mg/Kg-dry	1	12/17/21 14:54:07
Aroclor 1248	ND	0.0476	0.00946		mg/Kg-dry	1	12/17/21 14:54:07
Aroclor 1254	0.0441	0.0476	0.00946	J	mg/Kg-dry	1	12/17/21 14:54:07
Aroclor 1260	ND	0.0476	0.00946		mg/Kg-dry	1	12/17/21 14:54:07
Aroclor 1262	ND	0.0476	0.00946		mg/Kg-dry	1	12/17/21 14:54:07
Aroclor 1268	ND	0.0476	0.00946		mg/Kg-dry	1	12/17/21 14:54:07
Total PCBs	0.0441	0.0476	0.00946	J	mg/Kg-dry	1	12/17/21 14:54:07
Surr: Decachlorobiphenyl	76.8	25.9 - 167			%Rec	1	12/17/21 14:54:07
Surr: Tetrachloro-m-xylene	67.3	31.3 - 173			%Rec	1	12/17/21 14:54:07

Total Metals by EPA Method 6020B

Batch ID: 34785

Analyst: EH

Copper	260	9.91	1.86	D	mg/Kg-dry	10	12/20/21 13:13:48
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Sample Moisture (Percent Moisture)

Batch ID: R72007

Analyst: KJ

Percent Moisture	20.6	0.500	0.100		wt%	1	12/16/21 11:45:53
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 9:38:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-013

Matrix: Soil

Client Sample ID: A4-SIDE66:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34814

Analyst: SB

Aroclor 1016	ND	0.0593	0.00956		mg/Kg-dry	1	12/21/21 15:18:48
Aroclor 1221	ND	0.0593	0.00956		mg/Kg-dry	1	12/21/21 15:18:48
Aroclor 1232	ND	0.0593	0.00956		mg/Kg-dry	1	12/21/21 15:18:48
Aroclor 1242	ND	0.0593	0.00956		mg/Kg-dry	1	12/21/21 15:18:48
Aroclor 1248	ND	0.0593	0.0118		mg/Kg-dry	1	12/21/21 15:18:48
Aroclor 1254	ND	0.0593	0.0118		mg/Kg-dry	1	12/21/21 15:18:48
Aroclor 1260	ND	0.0593	0.0118		mg/Kg-dry	1	12/21/21 15:18:48
Aroclor 1262	ND	0.0593	0.0118		mg/Kg-dry	1	12/21/21 15:18:48
Aroclor 1268	ND	0.0593	0.0118		mg/Kg-dry	1	12/21/21 15:18:48
Total PCBs	ND	0.0593	0.0118		mg/Kg-dry	1	12/21/21 15:18:48
Surr: Decachlorobiphenyl	86.2	25.9 - 167			%Rec	1	12/21/21 15:18:48
Surr: Tetrachloro-m-xylene	108	31.3 - 173			%Rec	1	12/21/21 15:18:48

Total Metals by EPA Method 6020B

Batch ID: 34785

Analyst: EH

Copper	26.2	9.03	1.69		D mg/Kg-dry	10	12/20/21 13:16:28
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Sample Moisture (Percent Moisture)

Batch ID: R72007

Analyst: KJ

Percent Moisture	17.3	0.500	0.100		wt%	1	12/16/21 11:45:53
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Client: Shannon & Wilson

Collection Date: 12/15/2021 9:42:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-014

Matrix: Soil

Client Sample ID: A4-SIDE66:5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34788

Analyst: SB

Aroclor 1016	ND	0.0500	0.00806		mg/Kg-dry	1	12/17/21 15:13:35
Aroclor 1221	ND	0.0500	0.00806		mg/Kg-dry	1	12/17/21 15:13:35
Aroclor 1232	ND	0.0500	0.00806		mg/Kg-dry	1	12/17/21 15:13:35
Aroclor 1242	ND	0.0500	0.00806		mg/Kg-dry	1	12/17/21 15:13:35
Aroclor 1248	ND	0.0500	0.00994		mg/Kg-dry	1	12/17/21 15:13:35
Aroclor 1254	ND	0.0500	0.00994		mg/Kg-dry	1	12/17/21 15:13:35
Aroclor 1260	ND	0.0500	0.00994		mg/Kg-dry	1	12/17/21 15:13:35
Aroclor 1262	ND	0.0500	0.00994		mg/Kg-dry	1	12/17/21 15:13:35
Aroclor 1268	ND	0.0500	0.00994		mg/Kg-dry	1	12/17/21 15:13:35
Total PCBs	ND	0.0500	0.00994		mg/Kg-dry	1	12/17/21 15:13:35
Surr: Decachlorobiphenyl	80.3	25.9 - 167			%Rec	1	12/17/21 15:13:35
Surr: Tetrachloro-m-xylene	69.4	31.3 - 173			%Rec	1	12/17/21 15:13:35

Total Metals by EPA Method 6020B

Batch ID: 34785

Analyst: EH

Copper	15.3	10.3	1.92		D mg/Kg-dry	10	12/20/21 13:19:06
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Sample Moisture (Percent Moisture)

Batch ID: R72007

Analyst: KJ

Percent Moisture	23.9	0.500	0.100		wt%	1	12/16/21 11:45:53
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson
Project: 8801- Remediaton
Lab ID: 2112277-015
Client Sample ID: A4-SIDE67:3

Collection Date: 12/15/2021 10:28:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34788 Analyst: SB

Aroclor 1016	ND	0.0513	0.00827		mg/Kg-dry	1	12/17/21 15:23:18
Aroclor 1221	ND	0.0513	0.00827		mg/Kg-dry	1	12/17/21 15:23:18
Aroclor 1232	ND	0.0513	0.00827		mg/Kg-dry	1	12/17/21 15:23:18
Aroclor 1242	ND	0.0513	0.00827		mg/Kg-dry	1	12/17/21 15:23:18
Aroclor 1248	ND	0.0513	0.0102		mg/Kg-dry	1	12/17/21 15:23:18
Aroclor 1254	1.51	0.0513	0.0102		mg/Kg-dry	1	12/17/21 15:23:18
Aroclor 1260	ND	0.0513	0.0102		mg/Kg-dry	1	12/17/21 15:23:18
Aroclor 1262	ND	0.0513	0.0102		mg/Kg-dry	1	12/17/21 15:23:18
Aroclor 1268	ND	0.0513	0.0102		mg/Kg-dry	1	12/17/21 15:23:18
Total PCBs	1.51	0.0513	0.0102		mg/Kg-dry	1	12/17/21 15:23:18
Surr: Decachlorobiphenyl	78.2	25.9 - 167			%Rec	1	12/17/21 15:23:18
Surr: Tetrachloro-m-xylene	69.3	31.3 - 173			%Rec	1	12/17/21 15:23:18

Total Metals by EPA Method 6020B

Batch ID: 34785 Analyst: EH

Copper	1,840	10.0	1.87		D mg/Kg-dry	10	12/20/21 13:21:45
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Sample Moisture (Percent Moisture)

Batch ID: R72007 Analyst: KJ

Percent Moisture	24.8	0.500	0.100		wt%	1	12/16/21 11:45:53
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 10:29:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-016

Matrix: Soil

Client Sample ID: A4-SIDE67:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34788

Analyst: SB

Aroclor 1016	ND	0.0452	0.00728		mg/Kg-dry	1	12/17/21 15:33:01
Aroclor 1221	ND	0.0452	0.00728		mg/Kg-dry	1	12/17/21 15:33:01
Aroclor 1232	ND	0.0452	0.00728		mg/Kg-dry	1	12/17/21 15:33:01
Aroclor 1242	ND	0.0452	0.00728		mg/Kg-dry	1	12/17/21 15:33:01
Aroclor 1248	ND	0.0452	0.00898		mg/Kg-dry	1	12/17/21 15:33:01
Aroclor 1254	0.370	0.0452	0.00898		mg/Kg-dry	1	12/17/21 15:33:01
Aroclor 1260	ND	0.0452	0.00898		mg/Kg-dry	1	12/17/21 15:33:01
Aroclor 1262	ND	0.0452	0.00898		mg/Kg-dry	1	12/17/21 15:33:01
Aroclor 1268	ND	0.0452	0.00898		mg/Kg-dry	1	12/17/21 15:33:01
Total PCBs	0.370	0.0452	0.00898		mg/Kg-dry	1	12/17/21 15:33:01
Surr: Decachlorobiphenyl	72.7	25.9 - 167			%Rec	1	12/17/21 15:33:01
Surr: Tetrachloro-m-xylene	79.9	31.3 - 173			%Rec	1	12/17/21 15:33:01

Total Metals by EPA Method 6020B

Batch ID: 34785

Analyst: EH

Copper	1,140	9.29	1.74	D	mg/Kg-dry	10	12/20/21 13:24:24
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Sample Moisture (Percent Moisture)

Batch ID: R72007

Analyst: KJ

Percent Moisture	17.2	0.500	0.100		wt%	1	12/16/21 11:45:53
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 10:45:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-017

Matrix: Soil

Client Sample ID: A4-SIDE68:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34883

Analyst: SB

Aroclor 1016	ND	0.0441	0.00711		mg/Kg-dry	1	12/29/21 13:21:30
Aroclor 1221	ND	0.0441	0.00711		mg/Kg-dry	1	12/29/21 13:21:30
Aroclor 1232	ND	0.0441	0.00711		mg/Kg-dry	1	12/29/21 13:21:30
Aroclor 1242	ND	0.0441	0.00711		mg/Kg-dry	1	12/29/21 13:21:30
Aroclor 1248	ND	0.0441	0.00878		mg/Kg-dry	1	12/29/21 13:21:30
Aroclor 1254	0.314	0.0441	0.00878		mg/Kg-dry	1	12/29/21 13:21:30
Aroclor 1260	ND	0.0441	0.00878		mg/Kg-dry	1	12/29/21 13:21:30
Aroclor 1262	ND	0.0441	0.00878		mg/Kg-dry	1	12/29/21 13:21:30
Aroclor 1268	ND	0.0441	0.00878		mg/Kg-dry	1	12/29/21 13:21:30
Total PCBs	0.314	0.0441	0.00878		mg/Kg-dry	1	12/29/21 13:21:30
Surr: Decachlorobiphenyl	118	25.9 - 167			%Rec	1	12/29/21 13:21:30
Surr: Tetrachloro-m-xylene	120	31.3 - 173			%Rec	1	12/29/21 13:21:30

Total Metals by EPA Method 6020B

Batch ID: 34875

Analyst: EH

Copper	1,190	8.54	1.60		D mg/Kg-dry	10	12/28/21 15:58:50
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Sample Moisture (Percent Moisture)

Batch ID: R72219

Analyst: OK

Percent Moisture	12.0	0.500	0.100		wt%	1	12/28/21 10:37:20
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 10:52:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-018

Matrix: Soil

Client Sample ID: A4-SIDE68:7

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34883

Analyst: SB

Aroclor 1016	ND	0.408	0.0657	D	mg/Kg-dry	10	12/29/21 14:20:16
Aroclor 1221	ND	0.408	0.0657	D	mg/Kg-dry	10	12/29/21 14:20:16
Aroclor 1232	ND	0.408	0.0657	D	mg/Kg-dry	10	12/29/21 14:20:16
Aroclor 1242	ND	0.408	0.0657	D	mg/Kg-dry	10	12/29/21 14:20:16
Aroclor 1248	ND	0.408	0.0810	D	mg/Kg-dry	10	12/29/21 14:20:16
Aroclor 1254	2.12	0.408	0.0810	D	mg/Kg-dry	10	12/29/21 14:20:16
Aroclor 1260	ND	0.408	0.0810	D	mg/Kg-dry	10	12/29/21 14:20:16
Aroclor 1262	ND	0.408	0.0810	D	mg/Kg-dry	10	12/29/21 14:20:16
Aroclor 1268	ND	0.408	0.0810	D	mg/Kg-dry	10	12/29/21 14:20:16
Total PCBs	2.12	0.408	0.0810	D	mg/Kg-dry	10	12/29/21 14:20:16
Surr: Decachlorobiphenyl	135	25.9 - 167		D	%Rec	10	12/29/21 14:20:16
Surr: Tetrachloro-m-xylene	133	31.3 - 173		D	%Rec	10	12/29/21 14:20:16

Total Metals by EPA Method 6020B

Batch ID: 34875

Analyst: EH

Copper	3,720	91.0	17.0	D	mg/Kg-dry	100	12/29/21 11:59:06
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Sample Moisture (Percent Moisture)

Batch ID: R72219

Analyst: OK

Percent Moisture	14.1	0.500	0.100		wt%	1	12/28/21 10:37:20
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Client: Shannon & Wilson

Collection Date: 12/15/2021 11:09:00 AM

Project: 8801- Remediation

Lab ID: 2112277-019

Matrix: Soil

Client Sample ID: A4-SIDE69:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0436	0.00702		mg/Kg-dry	1	12/30/21 15:43:32
Aroclor 1221	ND	0.0436	0.00702		mg/Kg-dry	1	12/30/21 15:43:32
Aroclor 1232	ND	0.0436	0.00702		mg/Kg-dry	1	12/30/21 15:43:32
Aroclor 1242	ND	0.0436	0.00702		mg/Kg-dry	1	12/30/21 15:43:32
Aroclor 1248	ND	0.0436	0.00866		mg/Kg-dry	1	12/30/21 15:43:32
Aroclor 1254	0.234	0.0436	0.00866		mg/Kg-dry	1	12/30/21 15:43:32
Aroclor 1260	ND	0.0436	0.00866		mg/Kg-dry	1	12/30/21 15:43:32
Aroclor 1262	ND	0.0436	0.00866		mg/Kg-dry	1	12/30/21 15:43:32
Aroclor 1268	ND	0.0436	0.00866		mg/Kg-dry	1	12/30/21 15:43:32
Total PCBs	0.234	0.0436	0.00866		mg/Kg-dry	1	12/30/21 15:43:32
Surr: Decachlorobiphenyl	143	25.9 - 167			%Rec	1	12/30/21 15:43:32
Surr: Tetrachloro-m-xylene	158	31.3 - 173			%Rec	1	12/30/21 15:43:32

Total Metals by EPA Method 6020B

Batch ID: 34899

Analyst: EH

Copper	893	8.60	1.61		D mg/Kg-dry	10	12/30/21 14:38:12
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	11.9	0.500	0.100		wt%	1	12/30/21 9:48:04
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Client: Shannon & Wilson

Collection Date: 12/15/2021 1:00:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-020

Matrix: Soil

Client Sample ID: A4-SIDE203:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0398	0.00642		mg/Kg-dry	1	12/30/21 16:12:52
Aroclor 1221	ND	0.0398	0.00642		mg/Kg-dry	1	12/30/21 16:12:52
Aroclor 1232	ND	0.0398	0.00642		mg/Kg-dry	1	12/30/21 16:12:52
Aroclor 1242	ND	0.0398	0.00642		mg/Kg-dry	1	12/30/21 16:12:52
Aroclor 1248	ND	0.0398	0.00792		mg/Kg-dry	1	12/30/21 16:12:52
Aroclor 1254	0.214	0.0398	0.00792		mg/Kg-dry	1	12/30/21 16:12:52
Aroclor 1260	ND	0.0398	0.00792		mg/Kg-dry	1	12/30/21 16:12:52
Aroclor 1262	ND	0.0398	0.00792		mg/Kg-dry	1	12/30/21 16:12:52
Aroclor 1268	ND	0.0398	0.00792		mg/Kg-dry	1	12/30/21 16:12:52
Total PCBs	0.214	0.0398	0.00792		mg/Kg-dry	1	12/30/21 16:12:52
Surr: Decachlorobiphenyl	139	25.9 - 167			%Rec	1	12/30/21 16:12:52
Surr: Tetrachloro-m-xylene	134	31.3 - 173			%Rec	1	12/30/21 16:12:52

Total Metals by EPA Method 6020B

Batch ID: 34899

Analyst: EH

Copper	972	8.46	1.58		D mg/Kg-dry	10	12/30/21 14:40:51
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	14.9	0.500	0.100		wt%	1	12/30/21 9:48:04
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 11:13:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-021

Matrix: Soil

Client Sample ID: A4-SIDE69:6.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0425	0.00685		mg/Kg-dry	1	12/30/21 16:22:37
Aroclor 1221	ND	0.0425	0.00685		mg/Kg-dry	1	12/30/21 16:22:37
Aroclor 1232	ND	0.0425	0.00685		mg/Kg-dry	1	12/30/21 16:22:37
Aroclor 1242	ND	0.0425	0.00685		mg/Kg-dry	1	12/30/21 16:22:37
Aroclor 1248	ND	0.0425	0.00846		mg/Kg-dry	1	12/30/21 16:22:37
Aroclor 1254	0.0207	0.0425	0.00846	J	mg/Kg-dry	1	12/30/21 16:22:37
Aroclor 1260	ND	0.0425	0.00846		mg/Kg-dry	1	12/30/21 16:22:37
Aroclor 1262	ND	0.0425	0.00846		mg/Kg-dry	1	12/30/21 16:22:37
Aroclor 1268	ND	0.0425	0.00846		mg/Kg-dry	1	12/30/21 16:22:37
Total PCBs	0.0207	0.0425	0.00846	J	mg/Kg-dry	1	12/30/21 16:22:37
Surr: Decachlorobiphenyl	122	25.9 - 167			%Rec	1	12/30/21 16:22:37
Surr: Tetrachloro-m-xylene	124	31.3 - 173			%Rec	1	12/30/21 16:22:37

Total Metals by EPA Method 6020B

Batch ID: 34899

Analyst: EH

Copper	33.6	8.36	1.56	D	mg/Kg-dry	10	12/30/21 14:43:30
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	11.4	0.500	0.100		wt%	1	12/30/21 9:48:04
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Client: Shannon & Wilson

Collection Date: 12/15/2021 11:20:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-022

Matrix: Soil

Client Sample ID: A4-SIDE70:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0445	0.00716		mg/Kg-dry	1	12/30/21 16:32:21
Aroclor 1221	ND	0.0445	0.00716		mg/Kg-dry	1	12/30/21 16:32:21
Aroclor 1232	ND	0.0445	0.00716		mg/Kg-dry	1	12/30/21 16:32:21
Aroclor 1242	ND	0.0445	0.00716		mg/Kg-dry	1	12/30/21 16:32:21
Aroclor 1248	ND	0.0445	0.00884		mg/Kg-dry	1	12/30/21 16:32:21
Aroclor 1254	0.500	0.0445	0.00884		mg/Kg-dry	1	12/30/21 16:32:21
Aroclor 1260	ND	0.0445	0.00884		mg/Kg-dry	1	12/30/21 16:32:21
Aroclor 1262	ND	0.0445	0.00884		mg/Kg-dry	1	12/30/21 16:32:21
Aroclor 1268	ND	0.0445	0.00884		mg/Kg-dry	1	12/30/21 16:32:21
Total PCBs	0.500	0.0445	0.00884		mg/Kg-dry	1	12/30/21 16:32:21
Surr: Decachlorobiphenyl	124	25.9 - 167			%Rec	1	12/30/21 16:32:21
Surr: Tetrachloro-m-xylene	129	31.3 - 173			%Rec	1	12/30/21 16:32:21

Total Metals by EPA Method 6020B

Batch ID: 34899

Analyst: EH

Copper	719	8.42	1.58		D mg/Kg-dry	10	12/30/21 14:46:09
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	13.3	0.500	0.100		wt%	1	12/30/21 9:48:04
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 11:21:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-023

Matrix: Soil

Client Sample ID: A4-SIDE70:7

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0397	0.00639		mg/Kg-dry	1	12/30/21 16:42:06
Aroclor 1221	ND	0.0397	0.00639		mg/Kg-dry	1	12/30/21 16:42:06
Aroclor 1232	ND	0.0397	0.00639		mg/Kg-dry	1	12/30/21 16:42:06
Aroclor 1242	ND	0.0397	0.00639		mg/Kg-dry	1	12/30/21 16:42:06
Aroclor 1248	ND	0.0397	0.00789		mg/Kg-dry	1	12/30/21 16:42:06
Aroclor 1254	ND	0.0397	0.00789		mg/Kg-dry	1	12/30/21 16:42:06
Aroclor 1260	ND	0.0397	0.00789		mg/Kg-dry	1	12/30/21 16:42:06
Aroclor 1262	ND	0.0397	0.00789		mg/Kg-dry	1	12/30/21 16:42:06
Aroclor 1268	ND	0.0397	0.00789		mg/Kg-dry	1	12/30/21 16:42:06
Total PCBs	ND	0.0397	0.00789		mg/Kg-dry	1	12/30/21 16:42:06
Surr: Decachlorobiphenyl	128	25.9 - 167			%Rec	1	12/30/21 16:42:06
Surr: Tetrachloro-m-xylene	131	31.3 - 173			%Rec	1	12/30/21 16:42:06

Total Metals by EPA Method 6020B

Batch ID: 34899

Analyst: EH

Copper	29.8	8.98	1.68		D mg/Kg-dry	10	12/30/21 14:48:48
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	14.9	0.500	0.100		wt%	1	12/30/21 9:48:04
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 11:25:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-024

Matrix: Soil

Client Sample ID: A4-SIDE71:2.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34857

Analyst: SB

Aroclor 1016	ND	0.0460	0.00741		mg/Kg-dry	1	12/28/21 10:14:22
Aroclor 1221	ND	0.0460	0.00741		mg/Kg-dry	1	12/28/21 10:14:22
Aroclor 1232	ND	0.0460	0.00741		mg/Kg-dry	1	12/28/21 10:14:22
Aroclor 1242	ND	0.0460	0.00741		mg/Kg-dry	1	12/28/21 10:14:22
Aroclor 1248	ND	0.0460	0.00914		mg/Kg-dry	1	12/28/21 10:14:22
Aroclor 1254	0.212	0.0460	0.00914		mg/Kg-dry	1	12/28/21 10:14:22
Aroclor 1260	ND	0.0460	0.00914		mg/Kg-dry	1	12/28/21 10:14:22
Aroclor 1262	ND	0.0460	0.00914		mg/Kg-dry	1	12/28/21 10:14:22
Aroclor 1268	ND	0.0460	0.00914		mg/Kg-dry	1	12/28/21 10:14:22
Total PCBs	0.212	0.0460	0.00914		mg/Kg-dry	1	12/28/21 10:14:22
Surr: Decachlorobiphenyl	81.7	25.9 - 167			%Rec	1	12/28/21 10:14:22
Surr: Tetrachloro-m-xylene	103	31.3 - 173			%Rec	1	12/28/21 10:14:22

Total Metals by EPA Method 6020B

Batch ID: 34854

Analyst: EH

Copper	3,920	928	174	D	mg/Kg-dry	1000	12/27/21 14:10:42
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Sample Moisture (Percent Moisture)

Batch ID: R72188

Analyst: OK

Percent Moisture	13.8	0.500	0.100		wt%	1	12/27/21 8:51:13
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Client: Shannon & Wilson

Collection Date: 12/15/2021 11:30:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-025

Matrix: Soil

Client Sample ID: A4-SIDE71:7

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34857

Analyst: SB

Aroclor 1016	ND	0.0426	0.00687		mg/Kg-dry	1	12/28/21 10:24:07
Aroclor 1221	ND	0.0426	0.00687		mg/Kg-dry	1	12/28/21 10:24:07
Aroclor 1232	ND	0.0426	0.00687		mg/Kg-dry	1	12/28/21 10:24:07
Aroclor 1242	ND	0.0426	0.00687		mg/Kg-dry	1	12/28/21 10:24:07
Aroclor 1248	ND	0.0426	0.00847		mg/Kg-dry	1	12/28/21 10:24:07
Aroclor 1254	0.0705	0.0426	0.00847		mg/Kg-dry	1	12/28/21 10:24:07
Aroclor 1260	ND	0.0426	0.00847		mg/Kg-dry	1	12/28/21 10:24:07
Aroclor 1262	ND	0.0426	0.00847		mg/Kg-dry	1	12/28/21 10:24:07
Aroclor 1268	ND	0.0426	0.00847		mg/Kg-dry	1	12/28/21 10:24:07
Total PCBs	0.0705	0.0426	0.00847		mg/Kg-dry	1	12/28/21 10:24:07
Surr: Decachlorobiphenyl	64.2	25.9 - 167			%Rec	1	12/28/21 10:24:07
Surr: Tetrachloro-m-xylene	86.5	31.3 - 173			%Rec	1	12/28/21 10:24:07

Total Metals by EPA Method 6020B

Batch ID: 34854

Analyst: EH

Copper	389	9.03	1.69	D	mg/Kg-dry	10	12/27/21 13:01:11
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Sample Moisture (Percent Moisture)

Batch ID: R72188

Analyst: OK

Percent Moisture	13.5	0.500	0.100		wt%	1	12/27/21 8:51:13
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 11:31:00 AM

Project: 8801- Remediaton

Lab ID: 2112277-026

Matrix: Soil

Client Sample ID: A4-SIDE71:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34857

Analyst: SB

Aroclor 1016	ND	0.0509	0.00821		mg/Kg-dry	1	12/24/21 11:50:34
Aroclor 1221	ND	0.0509	0.00821		mg/Kg-dry	1	12/24/21 11:50:34
Aroclor 1232	ND	0.0509	0.00821		mg/Kg-dry	1	12/24/21 11:50:34
Aroclor 1242	ND	0.0509	0.00821		mg/Kg-dry	1	12/24/21 11:50:34
Aroclor 1248	ND	0.0509	0.0101		mg/Kg-dry	1	12/24/21 11:50:34
Aroclor 1254	ND	0.0509	0.0101		mg/Kg-dry	1	12/24/21 11:50:34
Aroclor 1260	ND	0.0509	0.0101		mg/Kg-dry	1	12/24/21 11:50:34
Aroclor 1262	ND	0.0509	0.0101		mg/Kg-dry	1	12/24/21 11:50:34
Aroclor 1268	ND	0.0509	0.0101		mg/Kg-dry	1	12/24/21 11:50:34
Total PCBs	ND	0.0509	0.0101		mg/Kg-dry	1	12/24/21 11:50:34
Surr: Decachlorobiphenyl	63.2	25.9 - 167			%Rec	1	12/24/21 11:50:34
Surr: Tetrachloro-m-xylene	78.3	31.3 - 173			%Rec	1	12/24/21 11:50:34

Total Metals by EPA Method 6020B

Batch ID: 34854

Analyst: EH

Copper	66.6	9.62	1.80		D mg/Kg-dry	10	12/27/21 13:02:27
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Sample Moisture (Percent Moisture)

Batch ID: R72188

Analyst: OK

Percent Moisture	19.4	0.500	0.100		wt%	1	12/27/21 8:51:13
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 1:19:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-034

Matrix: Soil

Client Sample ID: A4-SIDE72:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34814

Analyst: SB

Aroclor 1016	ND	0.0529	0.00852		mg/Kg-dry	1	12/21/21 16:56:02
Aroclor 1221	ND	0.0529	0.00852		mg/Kg-dry	1	12/21/21 16:56:02
Aroclor 1232	ND	0.0529	0.00852		mg/Kg-dry	1	12/21/21 16:56:02
Aroclor 1242	ND	0.0529	0.00852		mg/Kg-dry	1	12/21/21 16:56:02
Aroclor 1248	ND	0.0529	0.0105		mg/Kg-dry	1	12/21/21 16:56:02
Aroclor 1254	0.135	0.0529	0.0105		mg/Kg-dry	1	12/21/21 16:56:02
Aroclor 1260	ND	0.0529	0.0105		mg/Kg-dry	1	12/21/21 16:56:02
Aroclor 1262	ND	0.0529	0.0105		mg/Kg-dry	1	12/21/21 16:56:02
Aroclor 1268	ND	0.0529	0.0105		mg/Kg-dry	1	12/21/21 16:56:02
Total PCBs	0.135	0.0529	0.0105		mg/Kg-dry	1	12/21/21 16:56:02
Surr: Decachlorobiphenyl	97.6	25.9 - 167			%Rec	1	12/21/21 16:56:02
Surr: Tetrachloro-m-xylene	105	31.3 - 173			%Rec	1	12/21/21 16:56:02

Total Metals by EPA Method 6020B

Batch ID: 34811

Analyst: EH

Copper	1,300	9.08	1.70	D	mg/Kg-dry	10	12/22/21 9:15:05
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Sample Moisture (Percent Moisture)

Batch ID: R72089

Analyst: ALB

Percent Moisture	13.3	0.500	0.100		wt%	1	12/20/21 14:28:16
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Client: Shannon & Wilson

Collection Date: 12/15/2021 1:25:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-035

Matrix: Soil

Client Sample ID: A4-SIDE72:6.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34814

Analyst: SB

Aroclor 1016	ND	0.0625	0.0101		mg/Kg-dry	1	12/21/21 17:05:47
Aroclor 1221	ND	0.0625	0.0101		mg/Kg-dry	1	12/21/21 17:05:47
Aroclor 1232	ND	0.0625	0.0101		mg/Kg-dry	1	12/21/21 17:05:47
Aroclor 1242	ND	0.0625	0.0101		mg/Kg-dry	1	12/21/21 17:05:47
Aroclor 1248	ND	0.0625	0.0124		mg/Kg-dry	1	12/21/21 17:05:47
Aroclor 1254	0.0952	0.0625	0.0124		mg/Kg-dry	1	12/21/21 17:05:47
Aroclor 1260	ND	0.0625	0.0124		mg/Kg-dry	1	12/21/21 17:05:47
Aroclor 1262	ND	0.0625	0.0124		mg/Kg-dry	1	12/21/21 17:05:47
Aroclor 1268	ND	0.0625	0.0124		mg/Kg-dry	1	12/21/21 17:05:47
Total PCBs	0.0952	0.0625	0.0124		mg/Kg-dry	1	12/21/21 17:05:47
Surr: Decachlorobiphenyl	94.2	25.9 - 167			%Rec	1	12/21/21 17:05:47
Surr: Tetrachloro-m-xylene	94.7	31.3 - 173			%Rec	1	12/21/21 17:05:47

Total Metals by EPA Method 6020B

Batch ID: 34811

Analyst: EH

Copper	1,120	10.3	1.93		D mg/Kg-dry	10	12/22/21 9:16:20
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Sample Moisture (Percent Moisture)

Batch ID: R72089

Analyst: ALB

Percent Moisture	21.6	0.500	0.100		wt%	1	12/20/21 14:28:16
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 1:30:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-036

Matrix: Soil

Client Sample ID: A4-SIDE73:2.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34814

Analyst: SB

Aroclor 1016	ND	0.0503	0.00811		mg/Kg-dry	1	12/21/21 17:15:31
Aroclor 1221	ND	0.0503	0.00811		mg/Kg-dry	1	12/21/21 17:15:31
Aroclor 1232	ND	0.0503	0.00811		mg/Kg-dry	1	12/21/21 17:15:31
Aroclor 1242	ND	0.0503	0.00811		mg/Kg-dry	1	12/21/21 17:15:31
Aroclor 1248	ND	0.0503	0.0100		mg/Kg-dry	1	12/21/21 17:15:31
Aroclor 1254	0.0202	0.0503	0.0100	J	mg/Kg-dry	1	12/21/21 17:15:31
Aroclor 1260	ND	0.0503	0.0100		mg/Kg-dry	1	12/21/21 17:15:31
Aroclor 1262	ND	0.0503	0.0100		mg/Kg-dry	1	12/21/21 17:15:31
Aroclor 1268	ND	0.0503	0.0100		mg/Kg-dry	1	12/21/21 17:15:31
Total PCBs	0.0202	0.0503	0.0100	J	mg/Kg-dry	1	12/21/21 17:15:31
Surr: Decachlorobiphenyl	104	25.9 - 167			%Rec	1	12/21/21 17:15:31
Surr: Tetrachloro-m-xylene	123	31.3 - 173			%Rec	1	12/21/21 17:15:31

Total Metals by EPA Method 6020B

Batch ID: 34811

Analyst: EH

Copper	716	8.81	1.65	D	mg/Kg-dry	10	12/22/21 9:17:35
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Sample Moisture (Percent Moisture)

Batch ID: R72089

Analyst: ALB

Percent Moisture	9.88	0.500	0.100		wt%	1	12/20/21 14:28:16
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 1:31:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-037

Matrix: Soil

Client Sample ID: A4-SIDE73:7

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34814

Analyst: SB

Aroclor 1016	ND	0.0574	0.00925		mg/Kg-dry	1	12/21/21 17:25:16
Aroclor 1221	ND	0.0574	0.00925		mg/Kg-dry	1	12/21/21 17:25:16
Aroclor 1232	ND	0.0574	0.00925		mg/Kg-dry	1	12/21/21 17:25:16
Aroclor 1242	ND	0.0574	0.00925		mg/Kg-dry	1	12/21/21 17:25:16
Aroclor 1248	ND	0.0574	0.0114		mg/Kg-dry	1	12/21/21 17:25:16
Aroclor 1254	0.103	0.0574	0.0114		mg/Kg-dry	1	12/21/21 17:25:16
Aroclor 1260	ND	0.0574	0.0114		mg/Kg-dry	1	12/21/21 17:25:16
Aroclor 1262	ND	0.0574	0.0114		mg/Kg-dry	1	12/21/21 17:25:16
Aroclor 1268	ND	0.0574	0.0114		mg/Kg-dry	1	12/21/21 17:25:16
Total PCBs	0.103	0.0574	0.0114		mg/Kg-dry	1	12/21/21 17:25:16
Surr: Decachlorobiphenyl	105	25.9 - 167			%Rec	1	12/21/21 17:25:16
Surr: Tetrachloro-m-xylene	119	31.3 - 173			%Rec	1	12/21/21 17:25:16

Total Metals by EPA Method 6020B

Batch ID: 34811

Analyst: EH

Copper	1,710	9.60	1.80	D	mg/Kg-dry	10	12/22/21 9:18:49
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Sample Moisture (Percent Moisture)

Batch ID: R72089

Analyst: ALB

Percent Moisture	19.9	0.500	0.100		wt%	1	12/20/21 14:28:16
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 2:00:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-038

Matrix: Soil

Client Sample ID: A4-SIDE204:2.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34814

Analyst: SB

Aroclor 1016	ND	0.0473	0.00762		mg/Kg-dry	1	12/21/21 17:34:59
Aroclor 1221	ND	0.0473	0.00762		mg/Kg-dry	1	12/21/21 17:34:59
Aroclor 1232	ND	0.0473	0.00762		mg/Kg-dry	1	12/21/21 17:34:59
Aroclor 1242	ND	0.0473	0.00762		mg/Kg-dry	1	12/21/21 17:34:59
Aroclor 1248	ND	0.0473	0.00940		mg/Kg-dry	1	12/21/21 17:34:59
Aroclor 1254	0.0255	0.0473	0.00940	J	mg/Kg-dry	1	12/21/21 17:34:59
Aroclor 1260	ND	0.0473	0.00940		mg/Kg-dry	1	12/21/21 17:34:59
Aroclor 1262	ND	0.0473	0.00940		mg/Kg-dry	1	12/21/21 17:34:59
Aroclor 1268	ND	0.0473	0.00940		mg/Kg-dry	1	12/21/21 17:34:59
Total PCBs	0.0255	0.0473	0.00940	J	mg/Kg-dry	1	12/21/21 17:34:59
Surr: Decachlorobiphenyl	104	25.9 - 167			%Rec	1	12/21/21 17:34:59
Surr: Tetrachloro-m-xylene	117	31.3 - 173			%Rec	1	12/21/21 17:34:59

Total Metals by EPA Method 6020B

Batch ID: 34811

Analyst: EH

Copper	664	8.39	1.57	D	mg/Kg-dry	10	12/22/21 9:20:04
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Sample Moisture (Percent Moisture)

Batch ID: R72089

Analyst: ALB

Percent Moisture	8.98	0.500	0.100		wt%	1	12/20/21 14:28:16
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 1:43:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-039

Matrix: Soil

Client Sample ID: A4-SIDE74:2.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34814

Analyst: SB

Aroclor 1016	ND	0.0478	0.00769		mg/Kg-dry	1	12/21/21 17:44:41
Aroclor 1221	ND	0.0478	0.00769		mg/Kg-dry	1	12/21/21 17:44:41
Aroclor 1232	ND	0.0478	0.00769		mg/Kg-dry	1	12/21/21 17:44:41
Aroclor 1242	ND	0.0478	0.00769		mg/Kg-dry	1	12/21/21 17:44:41
Aroclor 1248	ND	0.0478	0.00949		mg/Kg-dry	1	12/21/21 17:44:41
Aroclor 1254	0.0490	0.0478	0.00949		mg/Kg-dry	1	12/21/21 17:44:41
Aroclor 1260	ND	0.0478	0.00949		mg/Kg-dry	1	12/21/21 17:44:41
Aroclor 1262	ND	0.0478	0.00949		mg/Kg-dry	1	12/21/21 17:44:41
Aroclor 1268	ND	0.0478	0.00949		mg/Kg-dry	1	12/21/21 17:44:41
Total PCBs	0.0490	0.0478	0.00949		mg/Kg-dry	1	12/21/21 17:44:41
Surr: Decachlorobiphenyl	102	25.9 - 167			%Rec	1	12/21/21 17:44:41
Surr: Tetrachloro-m-xylene	115	31.3 - 173			%Rec	1	12/21/21 17:44:41

Total Metals by EPA Method 6020B

Batch ID: 34811

Analyst: EH

Copper	161	8.38	1.57	D	mg/Kg-dry	10	12/22/21 9:21:18
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Sample Moisture (Percent Moisture)

Batch ID: R72089

Analyst: ALB

Percent Moisture	8.23	0.500	0.100		wt%	1	12/20/21 14:28:16
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 1:45:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-040

Matrix: Soil

Client Sample ID: A4-SIDE74:7

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34814

Analyst: SB

Aroclor 1016	ND	0.0563	0.00907		mg/Kg-dry	1	12/21/21 17:54:23
Aroclor 1221	ND	0.0563	0.00907		mg/Kg-dry	1	12/21/21 17:54:23
Aroclor 1232	ND	0.0563	0.00907		mg/Kg-dry	1	12/21/21 17:54:23
Aroclor 1242	ND	0.0563	0.00907		mg/Kg-dry	1	12/21/21 17:54:23
Aroclor 1248	ND	0.0563	0.0112		mg/Kg-dry	1	12/21/21 17:54:23
Aroclor 1254	0.106	0.0563	0.0112		mg/Kg-dry	1	12/21/21 17:54:23
Aroclor 1260	ND	0.0563	0.0112		mg/Kg-dry	1	12/21/21 17:54:23
Aroclor 1262	ND	0.0563	0.0112		mg/Kg-dry	1	12/21/21 17:54:23
Aroclor 1268	ND	0.0563	0.0112		mg/Kg-dry	1	12/21/21 17:54:23
Total PCBs	0.106	0.0563	0.0112		mg/Kg-dry	1	12/21/21 17:54:23
Surr: Decachlorobiphenyl	110	25.9 - 167			%Rec	1	12/21/21 17:54:23
Surr: Tetrachloro-m-xylene	122	31.3 - 173			%Rec	1	12/21/21 17:54:23

Total Metals by EPA Method 6020B

Batch ID: 34811

Analyst: EH

Copper	445	9.77	1.83		D mg/Kg-dry	10	12/22/21 9:22:33
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Sample Moisture (Percent Moisture)

Batch ID: R72089

Analyst: ALB

Percent Moisture	19.4	0.500	0.100		wt%	1	12/20/21 14:28:16
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Client: Shannon & Wilson

Collection Date: 12/15/2021 2:55:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-041

Matrix: Soil

Client Sample ID: A4-SIDE77:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34883

Analyst: SB

Aroclor 1016	ND	0.0493	0.00794		mg/Kg-dry	1	12/29/21 13:41:03
Aroclor 1221	ND	0.0493	0.00794		mg/Kg-dry	1	12/29/21 13:41:03
Aroclor 1232	ND	0.0493	0.00794		mg/Kg-dry	1	12/29/21 13:41:03
Aroclor 1242	ND	0.0493	0.00794		mg/Kg-dry	1	12/29/21 13:41:03
Aroclor 1248	ND	0.0493	0.00979		mg/Kg-dry	1	12/29/21 13:41:03
Aroclor 1254	0.0673	0.0493	0.00979		mg/Kg-dry	1	12/29/21 13:41:03
Aroclor 1260	ND	0.0493	0.00979		mg/Kg-dry	1	12/29/21 13:41:03
Aroclor 1262	ND	0.0493	0.00979		mg/Kg-dry	1	12/29/21 13:41:03
Aroclor 1268	ND	0.0493	0.00979		mg/Kg-dry	1	12/29/21 13:41:03
Total PCBs	0.0673	0.0493	0.00979		mg/Kg-dry	1	12/29/21 13:41:03
Surr: Decachlorobiphenyl	121	25.9 - 167			%Rec	1	12/29/21 13:41:03
Surr: Tetrachloro-m-xylene	137	31.3 - 173			%Rec	1	12/29/21 13:41:03

Total Metals by EPA Method 6020B

Batch ID: 34875

Analyst: EH

Copper	568	9.35	1.75		D mg/Kg-dry	10	12/28/21 16:04:08
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Sample Moisture (Percent Moisture)

Batch ID: R72219

Analyst: OK

Percent Moisture	20.2	0.500	0.100		wt%	1	12/28/21 10:37:20
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Client: Shannon & Wilson

Collection Date: 12/15/2021 3:00:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-042

Matrix: Soil

Client Sample ID: A4-SIDE77:6.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34883

Analyst: SB

Aroclor 1016	ND	0.0504	0.00812		mg/Kg-dry	1	12/29/21 13:50:50
Aroclor 1221	ND	0.0504	0.00812		mg/Kg-dry	1	12/29/21 13:50:50
Aroclor 1232	ND	0.0504	0.00812		mg/Kg-dry	1	12/29/21 13:50:50
Aroclor 1242	ND	0.0504	0.00812		mg/Kg-dry	1	12/29/21 13:50:50
Aroclor 1248	ND	0.0504	0.0100		mg/Kg-dry	1	12/29/21 13:50:50
Aroclor 1254	0.714	0.0504	0.0100		mg/Kg-dry	1	12/29/21 13:50:50
Aroclor 1260	ND	0.0504	0.0100		mg/Kg-dry	1	12/29/21 13:50:50
Aroclor 1262	ND	0.0504	0.0100		mg/Kg-dry	1	12/29/21 13:50:50
Aroclor 1268	ND	0.0504	0.0100		mg/Kg-dry	1	12/29/21 13:50:50
Total PCBs	0.714	0.0504	0.0100		mg/Kg-dry	1	12/29/21 13:50:50
Surr: Decachlorobiphenyl	115	25.9 - 167			%Rec	1	12/29/21 13:50:50
Surr: Tetrachloro-m-xylene	129	31.3 - 173			%Rec	1	12/29/21 13:50:50

Total Metals by EPA Method 6020B

Batch ID: 34875

Analyst: EH

Copper	897	10.1	1.89	D	mg/Kg-dry	10	12/28/21 16:12:08
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Sample Moisture (Percent Moisture)

Batch ID: R72219

Analyst: OK

Percent Moisture	20.0	0.500	0.100		wt%	1	12/28/21 10:37:20
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Client: Shannon & Wilson

Collection Date: 12/15/2021 3:10:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-043

Matrix: Soil

Client Sample ID: A4-SIDE78:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34814

Analyst: SB

Aroclor 1016	ND	0.0505	0.00814		mg/Kg-dry	1	12/21/21 18:04:06
Aroclor 1221	ND	0.0505	0.00814		mg/Kg-dry	1	12/21/21 18:04:06
Aroclor 1232	ND	0.0505	0.00814		mg/Kg-dry	1	12/21/21 18:04:06
Aroclor 1242	ND	0.0505	0.00814		mg/Kg-dry	1	12/21/21 18:04:06
Aroclor 1248	ND	0.0505	0.0100		mg/Kg-dry	1	12/21/21 18:04:06
Aroclor 1254	0.465	0.0505	0.0100		mg/Kg-dry	1	12/21/21 18:04:06
Aroclor 1260	ND	0.0505	0.0100		mg/Kg-dry	1	12/21/21 18:04:06
Aroclor 1262	ND	0.0505	0.0100		mg/Kg-dry	1	12/21/21 18:04:06
Aroclor 1268	ND	0.0505	0.0100		mg/Kg-dry	1	12/21/21 18:04:06
Total PCBs	0.465	0.0505	0.0100		mg/Kg-dry	1	12/21/21 18:04:06
Surr: Decachlorobiphenyl	103	25.9 - 167			%Rec	1	12/21/21 18:04:06
Surr: Tetrachloro-m-xylene	114	31.3 - 173			%Rec	1	12/21/21 18:04:06

Total Metals by EPA Method 6020B

Batch ID: 34811

Analyst: EH

Copper	2,870	88.5	16.6		D mg/Kg-dry	100	12/22/21 9:56:52
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Sample Moisture (Percent Moisture)

Batch ID: R72089

Analyst: ALB

Percent Moisture	13.8	0.500	0.100		wt%	1	12/20/21 14:28:16
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 3:30:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-044

Matrix: Soil

Client Sample ID: A4-SIDE206:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34814

Analyst: SB

Aroclor 1016	ND	0.0537	0.00865		mg/Kg-dry	1	12/21/21 18:13:55
Aroclor 1221	ND	0.0537	0.00865		mg/Kg-dry	1	12/21/21 18:13:55
Aroclor 1232	ND	0.0537	0.00865		mg/Kg-dry	1	12/21/21 18:13:55
Aroclor 1242	ND	0.0537	0.00865		mg/Kg-dry	1	12/21/21 18:13:55
Aroclor 1248	ND	0.0537	0.0107		mg/Kg-dry	1	12/21/21 18:13:55
Aroclor 1254	0.616	0.0537	0.0107		mg/Kg-dry	1	12/21/21 18:13:55
Aroclor 1260	ND	0.0537	0.0107		mg/Kg-dry	1	12/21/21 18:13:55
Aroclor 1262	ND	0.0537	0.0107		mg/Kg-dry	1	12/21/21 18:13:55
Aroclor 1268	ND	0.0537	0.0107		mg/Kg-dry	1	12/21/21 18:13:55
Total PCBs	0.616	0.0537	0.0107		mg/Kg-dry	1	12/21/21 18:13:55
Surr: Decachlorobiphenyl	111	25.9 - 167			%Rec	1	12/21/21 18:13:55
Surr: Tetrachloro-m-xylene	120	31.3 - 173			%Rec	1	12/21/21 18:13:55

Total Metals by EPA Method 6020B

Batch ID: 34811

Analyst: EH

Copper	3,370	84.4	15.8		D mg/Kg-dry	100	12/22/21 9:58:06
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Sample Moisture (Percent Moisture)

Batch ID: R72089

Analyst: ALB

Percent Moisture	12.2	0.500	0.100		wt%	1	12/20/21 14:28:16
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 3:17:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-045

Matrix: Soil

Client Sample ID: A4-SIDE78:7

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34857

Analyst: SB

Aroclor 1016	ND	0.493	0.0794	D	mg/Kg-dry	10	12/28/21 10:43:35
Aroclor 1221	ND	0.493	0.0794	D	mg/Kg-dry	10	12/28/21 10:43:35
Aroclor 1232	ND	0.493	0.0794	D	mg/Kg-dry	10	12/28/21 10:43:35
Aroclor 1242	ND	0.493	0.0794	D	mg/Kg-dry	10	12/28/21 10:43:35
Aroclor 1248	ND	0.493	0.0979	D	mg/Kg-dry	10	12/28/21 10:43:35
Aroclor 1254	4.30	0.493	0.0979	D	mg/Kg-dry	10	12/28/21 10:43:35
Aroclor 1260	ND	0.493	0.0979	D	mg/Kg-dry	10	12/28/21 10:43:35
Aroclor 1262	ND	0.493	0.0979	D	mg/Kg-dry	10	12/28/21 10:43:35
Aroclor 1268	ND	0.493	0.0979	D	mg/Kg-dry	10	12/28/21 10:43:35
Total PCBs	4.30	0.493	0.0979	D	mg/Kg-dry	10	12/28/21 10:43:35
Surr: Decachlorobiphenyl	87.8	25.9 - 167		D	%Rec	10	12/28/21 10:43:35
Surr: Tetrachloro-m-xylene	80.1	31.3 - 173		D	%Rec	10	12/28/21 10:43:35

Total Metals by EPA Method 6020B

Batch ID: 34854

Analyst: EH

Copper	566	9.35	1.75	D	mg/Kg-dry	10	12/27/21 13:03:42
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Sample Moisture (Percent Moisture)

Batch ID: R72188

Analyst: OK

Percent Moisture	18.4	0.500	0.100		wt%	1	12/27/21 8:51:13
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 3:18:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-046

Matrix: Soil

Client Sample ID: A4-SIDE78:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34883

Analyst: SB

Aroclor 1016	ND	0.0460	0.00741		mg/Kg-dry	1	12/29/21 14:00:39
Aroclor 1221	ND	0.0460	0.00741		mg/Kg-dry	1	12/29/21 14:00:39
Aroclor 1232	ND	0.0460	0.00741		mg/Kg-dry	1	12/29/21 14:00:39
Aroclor 1242	ND	0.0460	0.00741		mg/Kg-dry	1	12/29/21 14:00:39
Aroclor 1248	ND	0.0460	0.00914		mg/Kg-dry	1	12/29/21 14:00:39
Aroclor 1254	0.0962	0.0460	0.00914		mg/Kg-dry	1	12/29/21 14:00:39
Aroclor 1260	0.0754	0.0460	0.00914		mg/Kg-dry	1	12/29/21 14:00:39
Aroclor 1262	ND	0.0460	0.00914		mg/Kg-dry	1	12/29/21 14:00:39
Aroclor 1268	ND	0.0460	0.00914		mg/Kg-dry	1	12/29/21 14:00:39
Total PCBs	0.172	0.0460	0.00914		mg/Kg-dry	1	12/29/21 14:00:39
Surr: Decachlorobiphenyl	77.1	25.9 - 167			%Rec	1	12/29/21 14:00:39
Surr: Tetrachloro-m-xylene	86.1	31.3 - 173			%Rec	1	12/29/21 14:00:39

Total Metals by EPA Method 6020B

Batch ID: 34875

Analyst: EH

Copper	407	10.1	1.89	D	mg/Kg-dry	10	12/28/21 16:14:47
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Sample Moisture (Percent Moisture)

Batch ID: R72219

Analyst: OK

Percent Moisture	24.8	0.500	0.100		wt%	1	12/28/21 10:37:20
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 3:19:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-047

Matrix: Soil

Client Sample ID: A4-SIDE78:9

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35102

Analyst: SB

Aroclor 1016	ND	0.0502	0.00809		mg/Kg-dry	1	01/21/22 12:21:45
Aroclor 1221	ND	0.0502	0.00809		mg/Kg-dry	1	01/21/22 12:21:45
Aroclor 1232	ND	0.0502	0.00809		mg/Kg-dry	1	01/21/22 12:21:45
Aroclor 1242	ND	0.0502	0.00809		mg/Kg-dry	1	01/21/22 12:21:45
Aroclor 1248	ND	0.0502	0.00998		mg/Kg-dry	1	01/21/22 12:21:45
Aroclor 1254	0.0645	0.0502	0.00998		mg/Kg-dry	1	01/21/22 12:21:45
Aroclor 1260	ND	0.0502	0.00998		mg/Kg-dry	1	01/21/22 12:21:45
Aroclor 1262	ND	0.0502	0.00998		mg/Kg-dry	1	01/21/22 12:21:45
Aroclor 1268	ND	0.0502	0.00998		mg/Kg-dry	1	01/21/22 12:21:45
Total PCBs	0.0645	0.0502	0.00998		mg/Kg-dry	1	01/21/22 12:21:45
Surr: Decachlorobiphenyl	33.3	25.9 - 167			%Rec	1	01/21/22 12:21:45
Surr: Tetrachloro-m-xylene	51.4	31.3 - 173			%Rec	1	01/21/22 12:21:45

Total Metals by EPA Method 6020B

Batch ID: 35107

Analyst: EH

Copper	258	9.28	1.74	D	mg/Kg-dry	10	01/24/22 13:26:47
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Sample Moisture (Percent Moisture)

Batch ID: R72712

Analyst: MCH

Percent Moisture	18.4	0.500	0.100		wt%	1	01/21/22 9:41:13
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Client: Shannon & Wilson

Collection Date: 12/15/2021 3:21:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-048

Matrix: Soil

Client Sample ID: A4-SIDE78:10

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 35223		Analyst: EH	
Copper	225	9.76	1.83	D	mg/Kg-dry	10	02/03/22 16:02:17
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72957		Analyst: ALB	
Percent Moisture	22.4	0.500	0.100		wt%	1	02/02/22 10:26:24



Client: Shannon & Wilson

Collection Date: 12/15/2021 2:32:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-051

Matrix: Soil

Client Sample ID: A4-SIDE76:7

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34832

Analyst: SB

Aroclor 1016	ND	0.0411	0.00663		mg/Kg-dry	1	12/21/21 20:00:55
Aroclor 1221	ND	0.0411	0.00663		mg/Kg-dry	1	12/21/21 20:00:55
Aroclor 1232	ND	0.0411	0.00663		mg/Kg-dry	1	12/21/21 20:00:55
Aroclor 1242	ND	0.0411	0.00663		mg/Kg-dry	1	12/21/21 20:00:55
Aroclor 1248	ND	0.0411	0.00818		mg/Kg-dry	1	12/21/21 20:00:55
Aroclor 1254	0.345	0.0411	0.00818		mg/Kg-dry	1	12/21/21 20:00:55
Aroclor 1260	ND	0.0411	0.00818		mg/Kg-dry	1	12/21/21 20:00:55
Aroclor 1262	ND	0.0411	0.00818		mg/Kg-dry	1	12/21/21 20:00:55
Aroclor 1268	ND	0.0411	0.00818		mg/Kg-dry	1	12/21/21 20:00:55
Total PCBs	0.345	0.0411	0.00818		mg/Kg-dry	1	12/21/21 20:00:55
Surr: Decachlorobiphenyl	45.1	25.9 - 167			%Rec	1	12/21/21 20:00:55
Surr: Tetrachloro-m-xylene	53.1	31.3 - 173			%Rec	1	12/21/21 20:00:55

Total Metals by EPA Method 6020B

Batch ID: 34838

Analyst: EH

Copper	783	9.22	1.73		D mg/Kg-dry	10	12/23/21 9:23:36
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Sample Moisture (Percent Moisture)

Batch ID: R72120

Analyst: KJ

Percent Moisture	15.9	0.500	0.100		wt%	1	12/21/21 12:48:14
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 2:33:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-052

Matrix: Soil

Client Sample ID: A4-SIDE76:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34883

Analyst: SB

Aroclor 1016	ND	0.0447	0.00721		mg/Kg-dry	1	12/29/21 14:10:25
Aroclor 1221	ND	0.0447	0.00721		mg/Kg-dry	1	12/29/21 14:10:25
Aroclor 1232	ND	0.0447	0.00721		mg/Kg-dry	1	12/29/21 14:10:25
Aroclor 1242	ND	0.0447	0.00721		mg/Kg-dry	1	12/29/21 14:10:25
Aroclor 1248	ND	0.0447	0.00889		mg/Kg-dry	1	12/29/21 14:10:25
Aroclor 1254	1.22	0.0447	0.00889		mg/Kg-dry	1	12/29/21 14:10:25
Aroclor 1260	ND	0.0447	0.00889		mg/Kg-dry	1	12/29/21 14:10:25
Aroclor 1262	ND	0.0447	0.00889		mg/Kg-dry	1	12/29/21 14:10:25
Aroclor 1268	ND	0.0447	0.00889		mg/Kg-dry	1	12/29/21 14:10:25
Total PCBs	1.22	0.0447	0.00889		mg/Kg-dry	1	12/29/21 14:10:25
Surr: Decachlorobiphenyl	123	25.9 - 167			%Rec	1	12/29/21 14:10:25
Surr: Tetrachloro-m-xylene	119	31.3 - 173			%Rec	1	12/29/21 14:10:25

Total Metals by EPA Method 6020B

Batch ID: 34875

Analyst: EH

Copper	2,620	89.7	16.8	D	mg/Kg-dry	100	12/29/21 12:55:34
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Sample Moisture (Percent Moisture)

Batch ID: R72219

Analyst: OK

Percent Moisture	16.8	0.500	0.100		wt%	1	12/28/21 10:37:20
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 3:30:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-053

Matrix: Soil

Client Sample ID: A4-SIDE205:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34832

Analyst: SB

Aroclor 1016	ND	0.0477	0.00769		mg/Kg-dry	1	12/21/21 20:10:40
Aroclor 1221	ND	0.0477	0.00769		mg/Kg-dry	1	12/21/21 20:10:40
Aroclor 1232	ND	0.0477	0.00769		mg/Kg-dry	1	12/21/21 20:10:40
Aroclor 1242	ND	0.0477	0.00769		mg/Kg-dry	1	12/21/21 20:10:40
Aroclor 1248	ND	0.0477	0.00948		mg/Kg-dry	1	12/21/21 20:10:40
Aroclor 1254	0.100	0.0477	0.00948		mg/Kg-dry	1	12/21/21 20:10:40
Aroclor 1260	ND	0.0477	0.00948		mg/Kg-dry	1	12/21/21 20:10:40
Aroclor 1262	ND	0.0477	0.00948		mg/Kg-dry	1	12/21/21 20:10:40
Aroclor 1268	ND	0.0477	0.00948		mg/Kg-dry	1	12/21/21 20:10:40
Total PCBs	0.100	0.0477	0.00948		mg/Kg-dry	1	12/21/21 20:10:40
Surr: Decachlorobiphenyl	55.3	25.9 - 167			%Rec	1	12/21/21 20:10:40
Surr: Tetrachloro-m-xylene	68.5	31.3 - 173			%Rec	1	12/21/21 20:10:40

Total Metals by EPA Method 6020B

Batch ID: 34838

Analyst: EH

Copper	780	9.24	1.73	D	mg/Kg-dry	10	12/23/21 9:24:46
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Sample Moisture (Percent Moisture)

Batch ID: R72120

Analyst: KJ

Percent Moisture	17.4	0.500	0.100		wt%	1	12/21/21 12:48:14
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 2:34:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-054

Matrix: Soil

Client Sample ID: A4-SIDE76:9

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0382	0.00616		mg/Kg-dry	1	12/30/21 16:51:53
Aroclor 1221	ND	0.0382	0.00616		mg/Kg-dry	1	12/30/21 16:51:53
Aroclor 1232	ND	0.0382	0.00616		mg/Kg-dry	1	12/30/21 16:51:53
Aroclor 1242	ND	0.0382	0.00616		mg/Kg-dry	1	12/30/21 16:51:53
Aroclor 1248	ND	0.0382	0.00760		mg/Kg-dry	1	12/30/21 16:51:53
Aroclor 1254	1.55	0.0382	0.00760		mg/Kg-dry	1	12/30/21 16:51:53
Aroclor 1260	ND	0.0382	0.00760		mg/Kg-dry	1	12/30/21 16:51:53
Aroclor 1262	ND	0.0382	0.00760		mg/Kg-dry	1	12/30/21 16:51:53
Aroclor 1268	ND	0.0382	0.00760		mg/Kg-dry	1	12/30/21 16:51:53
Total PCBs	1.55	0.0382	0.00760		mg/Kg-dry	1	12/30/21 16:51:53
Surr: Decachlorobiphenyl	122	25.9 - 167			%Rec	1	12/30/21 16:51:53
Surr: Tetrachloro-m-xylene	115	31.3 - 173			%Rec	1	12/30/21 16:51:53

Total Metals by EPA Method 6020B

Batch ID: 34921

Analyst: EH

Copper	2,320	90.4	16.9	D	mg/Kg-dry	100	01/04/22 12:51:37
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	12.2	0.500	0.100		wt%	1	12/30/21 9:48:04
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 2:38:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-055

Matrix: Soil

Client Sample ID: A4-SIDE76:10

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34931

Analyst: SB

Aroclor 1016	ND	0.0462	0.00745		mg/Kg-dry	1	01/05/22 13:31:28
Aroclor 1221	ND	0.0462	0.00745		mg/Kg-dry	1	01/05/22 13:31:28
Aroclor 1232	ND	0.0462	0.00745		mg/Kg-dry	1	01/05/22 13:31:28
Aroclor 1242	ND	0.0462	0.00745		mg/Kg-dry	1	01/05/22 13:31:28
Aroclor 1248	ND	0.0462	0.00919		mg/Kg-dry	1	01/05/22 13:31:28
Aroclor 1254	0.895	0.0462	0.00919		mg/Kg-dry	1	01/05/22 13:31:28
Aroclor 1260	ND	0.0462	0.00919		mg/Kg-dry	1	01/05/22 13:31:28
Aroclor 1262	ND	0.0462	0.00919		mg/Kg-dry	1	01/05/22 13:31:28
Aroclor 1268	ND	0.0462	0.00919		mg/Kg-dry	1	01/05/22 13:31:28
Total PCBs	0.895	0.0462	0.00919		mg/Kg-dry	1	01/05/22 13:31:28
Surr: Decachlorobiphenyl	57.8	25.9 - 167			%Rec	1	01/05/22 13:31:28
Surr: Tetrachloro-m-xylene	61.1	31.3 - 173			%Rec	1	01/05/22 13:31:28

Total Metals by EPA Method 6020B

Batch ID: 34930

Analyst: EH

Copper	2,250	9.55	1.79	D	mg/Kg-dry	10	01/05/22 13:04:18
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Sample Moisture (Percent Moisture)

Batch ID: R72333

Analyst: KJ

Percent Moisture	15.6	0.500	0.100		wt%	1	01/04/22 12:13:41
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Analytical Report

Work Order: 2112277
 Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 2:39:00 PM

Project: 8801- Remediation

Lab ID: 2112277-056

Matrix: Soil

Client Sample ID: A4-SIDE76:11

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34958

Analyst: SB

Aroclor 1016	ND	0.0415	0.00668		mg/Kg-dry	1	01/06/22 18:55:55
Aroclor 1221	ND	0.0415	0.00668		mg/Kg-dry	1	01/06/22 18:55:55
Aroclor 1232	ND	0.0415	0.00668		mg/Kg-dry	1	01/06/22 18:55:55
Aroclor 1242	ND	0.0415	0.00668		mg/Kg-dry	1	01/06/22 18:55:55
Aroclor 1248	ND	0.0415	0.00824		mg/Kg-dry	1	01/06/22 18:55:55
Aroclor 1254	0.129	0.0415	0.00824		mg/Kg-dry	1	01/06/22 18:55:55
Aroclor 1260	ND	0.0415	0.00824		mg/Kg-dry	1	01/06/22 18:55:55
Aroclor 1262	ND	0.0415	0.00824		mg/Kg-dry	1	01/06/22 18:55:55
Aroclor 1268	ND	0.0415	0.00824		mg/Kg-dry	1	01/06/22 18:55:55
Total PCBs	0.129	0.0415	0.00824		mg/Kg-dry	1	01/06/22 18:55:55
Surr: Decachlorobiphenyl	35.1	25.9 - 167			%Rec	1	01/06/22 18:55:55
Surr: Tetrachloro-m-xylene	36.6	31.3 - 173			%Rec	1	01/06/22 18:55:55

Total Metals by EPA Method 6020B

Batch ID: 34966

Analyst: EH

Copper	1,250	8.97	1.68		D mg/Kg-dry	10	01/07/22 13:08:18
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Sample Moisture (Percent Moisture)

Batch ID: R72398

Analyst: CB

Percent Moisture	20.4	0.500	0.100		wt%	1	01/06/22 13:49:41
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 2:40:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-057

Matrix: Soil

Client Sample ID: A4-SIDE76:12

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34986

Analyst: SB

Aroclor 1016	ND	0.0565	0.00910		mg/Kg-dry	1	01/10/22 16:44:18
Aroclor 1221	ND	0.0565	0.00910		mg/Kg-dry	1	01/10/22 16:44:18
Aroclor 1232	ND	0.0565	0.00910		mg/Kg-dry	1	01/10/22 16:44:18
Aroclor 1242	ND	0.0565	0.00910		mg/Kg-dry	1	01/10/22 16:44:18
Aroclor 1248	ND	0.0565	0.0112		mg/Kg-dry	1	01/10/22 16:44:18
Aroclor 1254	0.517	0.0565	0.0112		mg/Kg-dry	1	01/10/22 16:44:18
Aroclor 1260	ND	0.0565	0.0112		mg/Kg-dry	1	01/10/22 16:44:18
Aroclor 1262	ND	0.0565	0.0112		mg/Kg-dry	1	01/10/22 16:44:18
Aroclor 1268	ND	0.0565	0.0112		mg/Kg-dry	1	01/10/22 16:44:18
Total PCBs	0.517	0.0565	0.0112		mg/Kg-dry	1	01/10/22 16:44:18
Surr: Decachlorobiphenyl	81.9	25.9 - 167			%Rec	1	01/10/22 16:44:18
Surr: Tetrachloro-m-xylene	98.0	31.3 - 173			%Rec	1	01/10/22 16:44:18

Total Metals by EPA Method 6020B

Batch ID: 34980

Analyst: EH

Copper	1,340	9.88	1.85		D mg/Kg-dry	10	01/11/22 14:11:09
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Sample Moisture (Percent Moisture)

Batch ID: R72447

Analyst: CB

Percent Moisture	19.7	0.500	0.100		wt%	1	01/10/22 10:56:33
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 2:44:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-058

Matrix: Soil

Client Sample ID: A4-SIDE76:13

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35039

Analyst: SB

Aroclor 1016	ND	0.0474	0.00764		mg/Kg-dry	1	01/17/22 13:40:37
Aroclor 1221	ND	0.0474	0.00764		mg/Kg-dry	1	01/17/22 13:40:37
Aroclor 1232	ND	0.0474	0.00764		mg/Kg-dry	1	01/17/22 13:40:37
Aroclor 1242	ND	0.0474	0.00764		mg/Kg-dry	1	01/17/22 13:40:37
Aroclor 1248	ND	0.0474	0.00943		mg/Kg-dry	1	01/17/22 13:40:37
Aroclor 1254	0.245	0.0474	0.00943		mg/Kg-dry	1	01/17/22 13:40:37
Aroclor 1260	ND	0.0474	0.00943		mg/Kg-dry	1	01/17/22 13:40:37
Aroclor 1262	ND	0.0474	0.00943		mg/Kg-dry	1	01/17/22 13:40:37
Aroclor 1268	ND	0.0474	0.00943		mg/Kg-dry	1	01/17/22 13:40:37
Total PCBs	0.245	0.0474	0.00943		mg/Kg-dry	1	01/17/22 13:40:37
Surr: Decachlorobiphenyl	37.7	25.9 - 167			%Rec	1	01/17/22 13:40:37
Surr: Tetrachloro-m-xylene	45.6	31.3 - 173			%Rec	1	01/17/22 13:40:37

Total Metals by EPA Method 6020B

Batch ID: 35028

Analyst: EH

Copper	706	10.2	1.91	D	mg/Kg-dry	10	01/17/22 13:10:50
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Sample Moisture (Percent Moisture)

Batch ID: R72491

Analyst: ALB

Percent Moisture	21.4	0.500	0.100		wt%	1	01/12/22 9:07:11
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Client: Shannon & Wilson

Collection Date: 12/15/2021 2:45:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-059

Matrix: Soil

Client Sample ID: A4-SIDE76:14

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35055

Analyst: SB

Aroclor 1016	ND	0.0578	0.00931		mg/Kg-dry	1	01/18/22 12:56:59
Aroclor 1221	ND	0.0578	0.00931		mg/Kg-dry	1	01/18/22 12:56:59
Aroclor 1232	ND	0.0578	0.00931		mg/Kg-dry	1	01/18/22 12:56:59
Aroclor 1242	ND	0.0578	0.00931		mg/Kg-dry	1	01/18/22 12:56:59
Aroclor 1248	ND	0.0578	0.0115		mg/Kg-dry	1	01/18/22 12:56:59
Aroclor 1254	0.113	0.0578	0.0115		mg/Kg-dry	1	01/18/22 12:56:59
Aroclor 1260	ND	0.0578	0.0115		mg/Kg-dry	1	01/18/22 12:56:59
Aroclor 1262	ND	0.0578	0.0115		mg/Kg-dry	1	01/18/22 12:56:59
Aroclor 1268	ND	0.0578	0.0115		mg/Kg-dry	1	01/18/22 12:56:59
Total PCBs	0.113	0.0578	0.0115		mg/Kg-dry	1	01/18/22 12:56:59
Surr: Decachlorobiphenyl	32.2	25.9 - 167			%Rec	1	01/18/22 12:56:59
Surr: Tetrachloro-m-xylene	31.6	31.3 - 173			%Rec	1	01/18/22 12:56:59

Total Metals by EPA Method 6020B

Batch ID: 35051

Analyst: EH

Copper	45.9	11.6	2.18		D mg/Kg-dry	10	01/18/22 14:01:12
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Sample Moisture (Percent Moisture)

Batch ID: R72590

Analyst: ALB

Percent Moisture	34.4	0.500	0.100		wt%	1	01/17/22 17:11:33
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 1:58:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-061

Matrix: Soil

Client Sample ID: A4-SIDE75:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34857

Analyst: SB

Aroclor 1016	ND	0.0477	0.00769		mg/Kg-dry	1	12/28/21 10:53:18
Aroclor 1221	ND	0.0477	0.00769		mg/Kg-dry	1	12/28/21 10:53:18
Aroclor 1232	ND	0.0477	0.00769		mg/Kg-dry	1	12/28/21 10:53:18
Aroclor 1242	ND	0.0477	0.00769		mg/Kg-dry	1	12/28/21 10:53:18
Aroclor 1248	ND	0.0477	0.00948		mg/Kg-dry	1	12/28/21 10:53:18
Aroclor 1254	0.175	0.0477	0.00948		mg/Kg-dry	1	12/28/21 10:53:18
Aroclor 1260	ND	0.0477	0.00948		mg/Kg-dry	1	12/28/21 10:53:18
Aroclor 1262	ND	0.0477	0.00948		mg/Kg-dry	1	12/28/21 10:53:18
Aroclor 1268	ND	0.0477	0.00948		mg/Kg-dry	1	12/28/21 10:53:18
Total PCBs	0.175	0.0477	0.00948		mg/Kg-dry	1	12/28/21 10:53:18
Surr: Decachlorobiphenyl	130	25.9 - 167			%Rec	1	12/28/21 10:53:18
Surr: Tetrachloro-m-xylene	130	31.3 - 173			%Rec	1	12/28/21 10:53:18

Total Metals by EPA Method 6020B

Batch ID: 34854

Analyst: EH

Copper	2,020	9.50	1.78	D	mg/Kg-dry	10	12/27/21 13:04:58
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Sample Moisture (Percent Moisture)

Batch ID: R72188

Analyst: OK

Percent Moisture	15.8	0.500	0.100		wt%	1	12/27/21 8:51:13
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Client: Shannon & Wilson

Collection Date: 12/15/2021 2:03:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-063

Matrix: Soil

Client Sample ID: A4-SIDE75:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34857

Analyst: SB

Aroclor 1016	ND	0.0435	0.00701		mg/Kg-dry	1	12/28/21 11:03:01
Aroclor 1221	ND	0.0435	0.00701		mg/Kg-dry	1	12/28/21 11:03:01
Aroclor 1232	ND	0.0435	0.00701		mg/Kg-dry	1	12/28/21 11:03:01
Aroclor 1242	ND	0.0435	0.00701		mg/Kg-dry	1	12/28/21 11:03:01
Aroclor 1248	ND	0.0435	0.00865		mg/Kg-dry	1	12/28/21 11:03:01
Aroclor 1254	0.889	0.0435	0.00865		mg/Kg-dry	1	12/28/21 11:03:01
Aroclor 1260	ND	0.0435	0.00865		mg/Kg-dry	1	12/28/21 11:03:01
Aroclor 1262	ND	0.0435	0.00865		mg/Kg-dry	1	12/28/21 11:03:01
Aroclor 1268	ND	0.0435	0.00865		mg/Kg-dry	1	12/28/21 11:03:01
Total PCBs	0.889	0.0435	0.00865		mg/Kg-dry	1	12/28/21 11:03:01
Surr: Decachlorobiphenyl	39.3	25.9 - 167			%Rec	1	12/28/21 11:03:01
Surr: Tetrachloro-m-xylene	39.8	31.3 - 173			%Rec	1	12/28/21 11:03:01

Total Metals by EPA Method 6020B

Batch ID: 34854

Analyst: EH

Copper	40.4	9.35	1.75	D	mg/Kg-dry	10	12/27/21 13:06:14
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Sample Moisture (Percent Moisture)

Batch ID: R72188

Analyst: OK

Percent Moisture	15.8	0.500	0.100		wt%	1	12/27/21 8:51:13
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 2:04:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-064

Matrix: Soil

Client Sample ID: A4-SIDE75:9

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0421	0.00679		mg/Kg-dry	1	12/30/21 17:01:40
Aroclor 1221	ND	0.0421	0.00679		mg/Kg-dry	1	12/30/21 17:01:40
Aroclor 1232	ND	0.0421	0.00679		mg/Kg-dry	1	12/30/21 17:01:40
Aroclor 1242	ND	0.0421	0.00679		mg/Kg-dry	1	12/30/21 17:01:40
Aroclor 1248	ND	0.0421	0.00837		mg/Kg-dry	1	12/30/21 17:01:40
Aroclor 1254	1.15	0.0421	0.00837		mg/Kg-dry	1	12/30/21 17:01:40
Aroclor 1260	ND	0.0421	0.00837		mg/Kg-dry	1	12/30/21 17:01:40
Aroclor 1262	ND	0.0421	0.00837		mg/Kg-dry	1	12/30/21 17:01:40
Aroclor 1268	ND	0.0421	0.00837		mg/Kg-dry	1	12/30/21 17:01:40
Total PCBs	1.15	0.0421	0.00837		mg/Kg-dry	1	12/30/21 17:01:40
Surr: Decachlorobiphenyl	124	25.9 - 167			%Rec	1	12/30/21 17:01:40
Surr: Tetrachloro-m-xylene	118	31.3 - 173			%Rec	1	12/30/21 17:01:40

Total Metals by EPA Method 6020B

Batch ID: 34899

Analyst: EH

Copper	1,670	8.36	1.57		D mg/Kg-dry	10	12/30/21 14:51:27
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	13.4	0.500	0.100		wt%	1	12/30/21 9:48:04
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Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 2:08:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-065

Matrix: Soil

Client Sample ID: A4-SIDE75:10

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35102

Analyst: SB

Aroclor 1016	ND	0.0415	0.00669		mg/Kg-dry	1	01/21/22 12:31:33
Aroclor 1221	ND	0.0415	0.00669		mg/Kg-dry	1	01/21/22 12:31:33
Aroclor 1232	ND	0.0415	0.00669		mg/Kg-dry	1	01/21/22 12:31:33
Aroclor 1242	ND	0.0415	0.00669		mg/Kg-dry	1	01/21/22 12:31:33
Aroclor 1248	ND	0.0415	0.00826		mg/Kg-dry	1	01/21/22 12:31:33
Aroclor 1254	0.0595	0.0415	0.00826		mg/Kg-dry	1	01/21/22 12:31:33
Aroclor 1260	ND	0.0415	0.00826		mg/Kg-dry	1	01/21/22 12:31:33
Aroclor 1262	ND	0.0415	0.00826		mg/Kg-dry	1	01/21/22 12:31:33
Aroclor 1268	ND	0.0415	0.00826		mg/Kg-dry	1	01/21/22 12:31:33
Total PCBs	0.0595	0.0415	0.00826		mg/Kg-dry	1	01/21/22 12:31:33
Surr: Decachlorobiphenyl	62.6	25.9 - 167			%Rec	1	01/21/22 12:31:33
Surr: Tetrachloro-m-xylene	80.6	31.3 - 173			%Rec	1	01/21/22 12:31:33

Total Metals by EPA Method 6020B

Batch ID: 35107

Analyst: EH

Copper	258	8.62	1.61		D mg/Kg-dry	10	01/24/22 13:29:26
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Sample Moisture (Percent Moisture)

Batch ID: R72712

Analyst: MCH

Percent Moisture	13.4	0.500	0.100		wt%	1	01/21/22 9:41:13
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Client: Shannon & Wilson

Collection Date: 12/15/2021 2:09:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-066

Matrix: Soil

Client Sample ID: A4-SIDE75:11

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 35223		Analyst: EH	
Copper	2,520	8.36	1.56	D	mg/Kg-dry	10	02/03/22 16:10:16
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72957		Analyst: ALB	
Percent Moisture	14.0	0.500	0.100		wt%	1	02/02/22 10:26:24



Analytical Report

Work Order: 2112277
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/15/2021 2:25:00 PM

Project: 8801- Remediaton

Lab ID: 2112277-070

Matrix: Soil

Client Sample ID: A4-SIDE76:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34832

Analyst: SB

Aroclor 1016	ND	0.0504	0.00812		mg/Kg-dry	1	12/21/21 20:20:28
Aroclor 1221	ND	0.0504	0.00812		mg/Kg-dry	1	12/21/21 20:20:28
Aroclor 1232	ND	0.0504	0.00812		mg/Kg-dry	1	12/21/21 20:20:28
Aroclor 1242	ND	0.0504	0.00812		mg/Kg-dry	1	12/21/21 20:20:28
Aroclor 1248	ND	0.0504	0.00998		mg/Kg-dry	1	12/21/21 20:20:28
Aroclor 1254	0.176	0.0504	0.00998		mg/Kg-dry	1	12/21/21 20:20:28
Aroclor 1260	ND	0.0504	0.00998		mg/Kg-dry	1	12/21/21 20:20:28
Aroclor 1262	ND	0.0504	0.00998		mg/Kg-dry	1	12/21/21 20:20:28
Aroclor 1268	ND	0.0504	0.00998		mg/Kg-dry	1	12/21/21 20:20:28
Total PCBs	0.176	0.0504	0.00998		mg/Kg-dry	1	12/21/21 20:20:28
Surr: Decachlorobiphenyl	48.3	25.9 - 167			%Rec	1	12/21/21 20:20:28
Surr: Tetrachloro-m-xylene	55.8	31.3 - 173			%Rec	1	12/21/21 20:20:28

Total Metals by EPA Method 6020B

Batch ID: 34838

Analyst: EH

Copper	1,200	9.54	1.79	D	mg/Kg-dry	10	12/23/21 9:28:30
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Sample Moisture (Percent Moisture)

Batch ID: R72120

Analyst: KJ

Percent Moisture	19.4	0.500	0.100		wt%	1	12/21/21 12:48:14
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Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34785	SampType: ICB	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72050							
Client ID: ICB	Batch ID: 34785	Analysis Date: 12/17/2021	SeqNo: 1470052								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34785	SampType: ICV	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72050							
Client ID: ICV	Batch ID: 34785	Analysis Date: 12/17/2021	SeqNo: 1470053								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.6 10.0 100.0 0 98.6 90 110

Sample ID: CCV-34785A	SampType: CCV	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72050							
Client ID: CCV	Batch ID: 34785	Analysis Date: 12/17/2021	SeqNo: 1470057								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 103 10.0 100.0 0 103 90 110

Sample ID: CCB-34785A	SampType: CCB	Units: µg/L	Prep Date: 12/17/2021	RunNo: 72050							
Client ID: CCB	Batch ID: 34785	Analysis Date: 12/17/2021	SeqNo: 1470058								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34785	SampType: MBLK	Units: mg/Kg	Prep Date: 12/16/2021	RunNo: 72050							
Client ID: MBLKS	Batch ID: 34785	Analysis Date: 12/17/2021	SeqNo: 1470059								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.794

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-34785	SampType: LCS	Units: mg/Kg				Prep Date: 12/16/2021	RunNo: 72050				
Client ID: LCSS	Batch ID: 34785					Analysis Date: 12/17/2021	SeqNo: 1470060				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 40.1 0.800 40.00 0 100 80 120

Sample ID: 2112269-001AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/16/2021	RunNo: 72050				
Client ID: BATCH	Batch ID: 34785					Analysis Date: 12/17/2021	SeqNo: 1470063				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 85.2 0.846 42.31 32.81 124 75 125

Sample ID: 2112269-001AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/16/2021	RunNo: 72050				
Client ID: BATCH	Batch ID: 34785					Analysis Date: 12/17/2021	SeqNo: 1470064				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 75.5 0.827 41.33 32.81 103 75 125 85.19 12.0 20

Sample ID: CCV-34785B	SampType: CCV	Units: µg/L				Prep Date: 12/17/2021	RunNo: 72050				
Client ID: CCV	Batch ID: 34785					Analysis Date: 12/17/2021	SeqNo: 1470065				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.9 10.0 100.0 0 95.9 90 110

Sample ID: CCB-34785B	SampType: CCB	Units: µg/L				Prep Date: 12/17/2021	RunNo: 72050				
Client ID: CCB	Batch ID: 34785					Analysis Date: 12/17/2021	SeqNo: 1470066				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0



Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34785A	SampType: ICB	Units: µg/L				Prep Date: 12/20/2021	RunNo: 72050				
Client ID: ICB	Batch ID: 34785					Analysis Date: 12/20/2021	SeqNo: 1470824				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-34785A	SampType: ICV	Units: µg/L				Prep Date: 12/20/2021	RunNo: 72050				
Client ID: ICV	Batch ID: 34785					Analysis Date: 12/20/2021	SeqNo: 1470825				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	96.0	10.0	100.0	0	96.0	90	110				

Sample ID: CCV-34785C	SampType: CCV	Units: µg/L				Prep Date: 12/20/2021	RunNo: 72050				
Client ID: CCV	Batch ID: 34785					Analysis Date: 12/20/2021	SeqNo: 1470835				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	104	10.0	100.0	0	104	90	110				

Sample ID: CCB-34785C	SampType: CCB	Units: µg/L				Prep Date: 12/20/2021	RunNo: 72050				
Client ID: CCB	Batch ID: 34785					Analysis Date: 12/20/2021	SeqNo: 1470836				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-34785D	SampType: CCV	Units: µg/L				Prep Date: 12/20/2021	RunNo: 72050				
Client ID: CCV	Batch ID: 34785					Analysis Date: 12/20/2021	SeqNo: 1471031				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	99.8	10.0	100.0	0	99.8	90	110				

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34785D	SampType: CCB	Units: µg/L	Prep Date: 12/20/2021	RunNo: 72050							
Client ID: CCB	Batch ID: 34785		Analysis Date: 12/20/2021	SeqNo: 1471032							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34785E	SampType: CCV	Units: µg/L	Prep Date: 12/20/2021	RunNo: 72050							
Client ID: CCV	Batch ID: 34785		Analysis Date: 12/20/2021	SeqNo: 1471043							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.8 10.0 100.0 0 97.8 90 110

Sample ID: CCB-34785E	SampType: CCB	Units: µg/L	Prep Date: 12/20/2021	RunNo: 72050							
Client ID: CCB	Batch ID: 34785		Analysis Date: 12/20/2021	SeqNo: 1471044							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34785F	SampType: CCV	Units: µg/L	Prep Date: 12/20/2021	RunNo: 72050							
Client ID: CCV	Batch ID: 34785		Analysis Date: 12/20/2021	SeqNo: 1471047							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

Sample ID: CCB-34785F	SampType: CCB	Units: µg/L	Prep Date: 12/20/2021	RunNo: 72050							
Client ID: CCB	Batch ID: 34785		Analysis Date: 12/20/2021	SeqNo: 1471048							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0



Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34785B	SampType: ICB	Units: µg/L	Prep Date: 12/21/2021	RunNo: 72050							
Client ID: ICB	Batch ID: 34785		Analysis Date: 12/21/2021	SeqNo: 1471595							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-34785B	SampType: ICV	Units: µg/L	Prep Date: 12/21/2021	RunNo: 72050							
Client ID: ICV	Batch ID: 34785		Analysis Date: 12/21/2021	SeqNo: 1471596							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.9	10.0	100.0	0	97.9	90	110				

Sample ID: CCV-34785G	SampType: CCV	Units: µg/L	Prep Date: 12/21/2021	RunNo: 72050							
Client ID: CCV	Batch ID: 34785		Analysis Date: 12/21/2021	SeqNo: 1471610							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	90.0	10.0	100.0	0	90.0	90	110				

Sample ID: CCB-34785G	SampType: CCB	Units: µg/L	Prep Date: 12/21/2021	RunNo: 72050							
Client ID: CCB	Batch ID: 34785		Analysis Date: 12/21/2021	SeqNo: 1471611							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICB-34811	SampType: ICB	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: ICB	Batch ID: 34811		Analysis Date: 12/22/2021	SeqNo: 1472230							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

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CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-34811	SampType: ICV	Units: µg/L				Prep Date: 12/22/2021	RunNo: 72146				
Client ID: ICV	Batch ID: 34811					Analysis Date: 12/22/2021	SeqNo: 1472231				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	101	10.0	100.0	0	101	90	110				

Sample ID: MB-34811	SampType: MBLK	Units: mg/Kg				Prep Date: 12/20/2021	RunNo: 72146				
Client ID: MBLKS	Batch ID: 34811					Analysis Date: 12/22/2021	SeqNo: 1472235				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.794									

Sample ID: LCS-34811	SampType: LCS	Units: mg/Kg				Prep Date: 12/20/2021	RunNo: 72146				
Client ID: LCSS	Batch ID: 34811					Analysis Date: 12/22/2021	SeqNo: 1472236				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	34.5	0.746	37.31	0	92.4	80	120				

Sample ID: 2112242-040AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/20/2021	RunNo: 72146				
Client ID: BATCH	Batch ID: 34811					Analysis Date: 12/22/2021	SeqNo: 1472239				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	1,450	1.10	54.77	1,102	644	75	125				ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-040AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/20/2021	RunNo: 72146				
Client ID: BATCH	Batch ID: 34811					Analysis Date: 12/22/2021	SeqNo: 1472240				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	1,320	1.03	51.50	1,102	418	75	125	1,454	9.92	20	ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).



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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-040APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 12/20/2021	RunNo: 72146							
Client ID: BATCH	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472241								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	1,100	1.05	52.7	1,100	-1.24	75	125				ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: CCV-34811A	SampType: CCV	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: CCV	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472245								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	101	10.0	100.0	0	101	90	110				

Sample ID: CCB-34811A	SampType: CCB	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: CCB	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472246								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-34811B	SampType: CCV	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: CCV	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472257								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	104	10.0	100.0	0	104	90	110				

Sample ID: CCB-34811B	SampType: CCB	Units: µg/L	Prep Date: 12/22/2021	RunNo: 72146							
Client ID: CCB	Batch ID: 34811	Analysis Date: 12/22/2021	SeqNo: 1472258								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34811C	SampType: CCV	Units: µg/L				Prep Date: 12/22/2021	RunNo: 72146				
Client ID: CCV	Batch ID: 34811					Analysis Date: 12/22/2021	SeqNo: 1472263				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 106 10.0 100.0 0 106 90 110

Sample ID: CCB-34811C	SampType: CCB	Units: µg/L				Prep Date: 12/22/2021	RunNo: 72146				
Client ID: CCB	Batch ID: 34811					Analysis Date: 12/22/2021	SeqNo: 1472264				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34811D	SampType: CCV	Units: µg/L				Prep Date: 12/22/2021	RunNo: 72146				
Client ID: CCV	Batch ID: 34811					Analysis Date: 12/22/2021	SeqNo: 1472284				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCB-34811D	SampType: CCB	Units: µg/L				Prep Date: 12/22/2021	RunNo: 72146				
Client ID: CCB	Batch ID: 34811					Analysis Date: 12/22/2021	SeqNo: 1472285				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34838	SampType: ICB	Units: µg/L				Prep Date: 12/23/2021	RunNo: 72173				
Client ID: ICB	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473179				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-34838	SampType: ICV	Units: µg/L				Prep Date: 12/23/2021	RunNo: 72173				
Client ID: ICV	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473180				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	98.9	10.0	100.0	0	98.9	90	110				

Sample ID: MB-34838	SampType: MBLK	Units: mg/Kg				Prep Date: 12/22/2021	RunNo: 72173				
Client ID: MBLKS	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473184				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.781									

Sample ID: LCS-34838	SampType: LCS	Units: mg/Kg				Prep Date: 12/22/2021	RunNo: 72173				
Client ID: LCSS	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473185				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	37.3	0.752	37.59	0	99.4	80	120				

Sample ID: 2112242-085AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/22/2021	RunNo: 72173				
Client ID: BATCH	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473188				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	189	9.63	481.7	207.8	-3.98	75	125				DS

NOTES:
S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-085AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/22/2021	RunNo: 72173				
Client ID: BATCH	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473189				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	200	10.0	500.5	207.8	-1.52	75	125	188.7	5.95	20	DS

NOTES:
S - Analyte concentration was too high for accurate spike recovery(ies).

Work Order: 2112277
 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-085APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 12/22/2021	RunNo: 72173				
Client ID: BATCH	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473190				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	676	9.78	489	208	95.8	75	125				D

Sample ID: CCV-34838A	SampType: CCV	Units: µg/L				Prep Date: 12/23/2021	RunNo: 72173				
Client ID: CCV	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473194				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.5	10.0	100.0	0	97.5	90	110				

Sample ID: CCB-34838A	SampType: CCB	Units: µg/L				Prep Date: 12/23/2021	RunNo: 72173				
Client ID: CCB	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473195				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-34838B	SampType: CCV	Units: µg/L				Prep Date: 12/23/2021	RunNo: 72173				
Client ID: CCV	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473199				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	102	10.0	100.0	0	102	90	110				

Sample ID: CCB-34838B	SampType: CCB	Units: µg/L				Prep Date: 12/23/2021	RunNo: 72173				
Client ID: CCB	Batch ID: 34838					Analysis Date: 12/23/2021	SeqNo: 1473200				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									



Work Order: 2112277
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34854	SampType: ICB	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: ICB	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474104							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34854	SampType: ICV	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: ICV	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474105							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 94.4 10.0 100.0 0 94.4 90 110

Sample ID: MB-34854	SampType: MBLK	Units: mg/Kg	Prep Date: 12/23/2021	RunNo: 72208							
Client ID: MBLKS	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474109							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.758

Sample ID: LCS-34854	SampType: LCS	Units: mg/Kg	Prep Date: 12/23/2021	RunNo: 72208							
Client ID: LCSS	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474110							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 35.4 0.769 38.46 0 92.1 80 120

Sample ID: 2112242-029AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/23/2021	RunNo: 72208							
Client ID: BATCH	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474113							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 1,440 0.964 48.22 2,275 -1,730 75 125 ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-029AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/23/2021	RunNo: 72208							
Client ID: BATCH	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474114								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	2,620	0.964	48.22	2,275	713	75	125	1,441	58.0	20	ERS

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).
 R - High RPD observed.

Sample ID: 2112242-029APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 12/23/2021	RunNo: 72208							
Client ID: BATCH	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474115								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	2,180	0.964	48.2	2,280	-186	75	125				ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: CCV-34854A	SampType: CCV	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCV	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474119								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	99.2	10.0	100.0	0	99.2	90	110				

Sample ID: CCB-34854A	SampType: CCB	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCB	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474120								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-34854B	SampType: CCV	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCV	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474129								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	92.5	10.0	100.0	0	92.5	90	110				



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Work Order: 2112277
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34854B	SampType: CCV	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCV	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474129								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: CCB-34854B	SampType: CCB	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCB	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474130								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34854C	SampType: CCV	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCV	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474196								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.3 10.0 100.0 0 96.3 90 110

Sample ID: CCB-34854C	SampType: CCB	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCB	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474197								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34854D	SampType: CCV	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCV	Batch ID: 34854	Analysis Date: 12/27/2021	SeqNo: 1474202								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 90.7 10.0 100.0 0 90.7 90 110



Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34854D	SampType: CCB	Units: µg/L	Prep Date: 12/27/2021	RunNo: 72208							
Client ID: CCB	Batch ID: 34854		Analysis Date: 12/27/2021	SeqNo: 1474203							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34854A	SampType: ICB	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72208							
Client ID: ICB	Batch ID: 34854		Analysis Date: 12/28/2021	SeqNo: 1474661							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34875	SampType: ICB	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: ICB	Batch ID: 34875		Analysis Date: 12/28/2021	SeqNo: 1475161							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34854A	SampType: ICV	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72208							
Client ID: ICV	Batch ID: 34854		Analysis Date: 12/28/2021	SeqNo: 1474663							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 93.3 10.0 100.0 0 93.3 90 110

Sample ID: ICV-34875	SampType: ICV	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: ICV	Batch ID: 34875		Analysis Date: 12/28/2021	SeqNo: 1475162							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 94.6 10.0 100.0 0 94.6 90 110

Work Order: 2112277
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34854E	SampType: CCV	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72208							
Client ID: CCV	Batch ID: 34854		Analysis Date: 12/28/2021	SeqNo: 1474681							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.0 10.0 100.0 0 98.0 90 110

Sample ID: CCB-34854E	SampType: CCB	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72208							
Client ID: CCB	Batch ID: 34854		Analysis Date: 12/28/2021	SeqNo: 1474682							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34854F	SampType: CCV	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72208							
Client ID: CCV	Batch ID: 34854		Analysis Date: 12/28/2021	SeqNo: 1474760							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 90.5 10.0 100.0 0 90.5 90 110

Sample ID: CCV-34875A	SampType: CCV	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: CCV	Batch ID: 34875		Analysis Date: 12/28/2021	SeqNo: 1475166							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 91.8 10.0 100.0 0 91.8 90 110

Sample ID: CCB-34854F	SampType: CCB	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72208							
Client ID: CCB	Batch ID: 34854		Analysis Date: 12/28/2021	SeqNo: 1474763							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112277
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34875A	SampType: CCB	Units: µg/L	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: CCB	Batch ID: 34875	Analysis Date: 12/28/2021	SeqNo: 1475167								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: MB-34875	SampType: MBLK	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: MBLKS	Batch ID: 34875	Analysis Date: 12/28/2021	SeqNo: 1475168								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.758									

Sample ID: LCS-34875	SampType: LCS	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: LCSS	Batch ID: 34875	Analysis Date: 12/28/2021	SeqNo: 1475169								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	36.8	0.787	39.37	0	93.4	80	120				

Sample ID: 2112242-013AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: BATCH	Batch ID: 34875	Analysis Date: 12/28/2021	SeqNo: 1475172								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	271	0.979	48.93	153.7	241	75	125				ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-013AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/28/2021	RunNo: 72244							
Client ID: BATCH	Batch ID: 34875	Analysis Date: 12/28/2021	SeqNo: 1475173								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	234	0.994	49.70	153.7	162	75	125	271.4	14.7	20	S

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34875B	SampType: CCV	Units: µg/L			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: CCV	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475174					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 90.8 10.0 100.0 0 90.8 90 110

Sample ID: CCB-34875B	SampType: CCB	Units: µg/L			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: CCB	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475175					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: 2112242-013APDS	SampType: PDS	Units: mg/Kg-dry			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: BATCH	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475176					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 216 0.979 48.9 154 127 75 125 S

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: CCV-34875C	SampType: CCV	Units: µg/L			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: CCV	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475186					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.5 10.0 100.0 0 99.5 90 110

Sample ID: CCB-34875C	SampType: CCB	Units: µg/L			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: CCB	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475187					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0



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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34875D	SampType: CCV	Units: µg/L			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: CCV	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475196					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.6 10.0 100.0 0 95.6 90 110

Sample ID: CCB-34875D	SampType: CCB	Units: µg/L			Prep Date: 12/28/2021	RunNo: 72244					
Client ID: CCB	Batch ID: 34875				Analysis Date: 12/28/2021	SeqNo: 1475197					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34875A	SampType: ICB	Units: µg/L			Prep Date: 12/29/2021	RunNo: 72244					
Client ID: ICB	Batch ID: 34875				Analysis Date: 12/29/2021	SeqNo: 1475555					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34875A	SampType: ICV	Units: µg/L			Prep Date: 12/29/2021	RunNo: 72244					
Client ID: ICV	Batch ID: 34875				Analysis Date: 12/29/2021	SeqNo: 1475580					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 101 10.0 100.0 0 101 90 110

Sample ID: CCV-34875E	SampType: CCV	Units: µg/L			Prep Date: 12/29/2021	RunNo: 72244					
Client ID: CCV	Batch ID: 34875				Analysis Date: 12/29/2021	SeqNo: 1475570					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.7 10.0 100.0 0 95.7 90 110



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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34875E	SampType: CCB	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: CCB	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475571							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34875F	SampType: CCV	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: CCV	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475576							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.6 10.0 100.0 0 96.6 90 110

Sample ID: CCB-34875F	SampType: CCB	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: CCB	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475577							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34875G	SampType: CCV	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: CCV	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475582							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

Sample ID: CCB-34875G	SampType: CCB	Units: µg/L	Prep Date: 12/29/2021	RunNo: 72244							
Client ID: CCB	Batch ID: 34875		Analysis Date: 12/29/2021	SeqNo: 1475583							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0



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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34899	SampType: ICB	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: ICB	Batch ID: 34899		Analysis Date: 12/30/2021	SeqNo: 1476237							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34899	SampType: ICV	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: ICV	Batch ID: 34899		Analysis Date: 12/30/2021	SeqNo: 1476238							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.4 10.0 100.0 0 95.4 90 110

Sample ID: CCV-34899A	SampType: CCV	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: CCV	Batch ID: 34899		Analysis Date: 12/30/2021	SeqNo: 1476242							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 92.8 10.0 100.0 0 92.8 90 110

Sample ID: CCB-34899A	SampType: CCB	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: CCB	Batch ID: 34899		Analysis Date: 12/30/2021	SeqNo: 1476243							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34899	SampType: MBLK	Units: mg/Kg	Prep Date: 12/29/2021	RunNo: 72293							
Client ID: MBLKS	Batch ID: 34899		Analysis Date: 12/30/2021	SeqNo: 1476244							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.781

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-34899	SampType: LCS	Units: mg/Kg				Prep Date: 12/29/2021	RunNo: 72293				
Client ID: LCSS	Batch ID: 34899					Analysis Date: 12/30/2021	SeqNo: 1476245				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	34.5	0.752	37.59	0	91.8	80	120				

Sample ID: 2112423-013AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/29/2021	RunNo: 72293				
Client ID: BATCH	Batch ID: 34899					Analysis Date: 12/30/2021	SeqNo: 1476248				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	54.8	0.830	41.52	20.43	82.8	75	125				

Sample ID: 2112423-013AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/29/2021	RunNo: 72293				
Client ID: BATCH	Batch ID: 34899					Analysis Date: 12/30/2021	SeqNo: 1476249				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	75.2	0.830	41.52	20.43	132	75	125	54.82	31.4	20	RS

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).
 R - High RPD observed.

Sample ID: 2112423-013APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 12/29/2021	RunNo: 72293				
Client ID: BATCH	Batch ID: 34899					Analysis Date: 12/30/2021	SeqNo: 1476250				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	61.2	0.843	42.1	20.4	96.8	75	125				

Sample ID: CCV-34899B	SampType: CCV	Units: µg/L				Prep Date: 12/30/2021	RunNo: 72293				
Client ID: CCV	Batch ID: 34899					Analysis Date: 12/30/2021	SeqNo: 1476253				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	95.9	10.0	100.0	0	95.9	90	110				



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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34899B	SampType: CCB	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: CCB	Batch ID: 34899	Analysis Date: 12/30/2021	SeqNo: 1476254								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34899C	SampType: CCV	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: CCV	Batch ID: 34899	Analysis Date: 12/30/2021	SeqNo: 1476264								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.3 10.0 100.0 0 97.3 90 110

Sample ID: CCB-34899C	SampType: CCB	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: CCB	Batch ID: 34899	Analysis Date: 12/30/2021	SeqNo: 1476265								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34899A	SampType: ICB	Units: µg/L	Prep Date: 12/31/2021	RunNo: 72293							
Client ID: ICB	Batch ID: 34899	Analysis Date: 12/31/2021	SeqNo: 1476416								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34899A	SampType: ICV	Units: µg/L	Prep Date: 12/31/2021	RunNo: 72293							
Client ID: ICV	Batch ID: 34899	Analysis Date: 12/31/2021	SeqNo: 1476417								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 91.0 10.0 100.0 0 91.0 90 110

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34899D	SampType: CCV	Units: µg/L				Prep Date: 12/31/2021	RunNo: 72293				
Client ID: CCV	Batch ID: 34899					Analysis Date: 12/31/2021	SeqNo: 1476430				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 100 10.0 100.0 0 100 90 110

Sample ID: CCB-34899D	SampType: CCB	Units: µg/L				Prep Date: 12/31/2021	RunNo: 72293				
Client ID: CCB	Batch ID: 34899					Analysis Date: 12/31/2021	SeqNo: 1476431				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34921	SampType: ICB	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: ICB	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477011				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34921	SampType: ICV	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: ICV	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477012				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.4 10.0 100.0 0 99.4 90 110

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCV	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477016				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 110 10.0 100.0 0 110 90 110 S

NOTES:

S - Outlying apike recovery(ies) observed (110.24%). Two subsequent CCVs were run with passing recovery.

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCV	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477017				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCV	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477018				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCB-34921A	SampType: CCB	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCB	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477019				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34921	SampType: MBLK	Units: mg/Kg				Prep Date: 12/31/2021	RunNo: 72335				
Client ID: MBLKS	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477020				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.746

Sample ID: LCS-34921	SampType: LCS	Units: mg/Kg				Prep Date: 12/31/2021	RunNo: 72335				
Client ID: LCSS	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477021				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 37.3 0.752 37.59 0 99.3 80 120

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-060AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: BATCH	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477024								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	1,240	0.958	47.88	924.9	654	75	125				ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-060AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: BATCH	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477025								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	1,410	0.958	47.88	924.9	1,020	75	125	1,238	13.2	20	ES

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-060APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: BATCH	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477026								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	970	0.942	47.1	925	95.6	75	125				E

Sample ID: CCV-34921B	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477029								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	107	10.0	100.0	0	107	90	110				

Sample ID: CCB-34921B	SampType: CCB	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCB	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477030								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Work Order: 2112277
 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34921C	SampType: CCV	Units: µg/L			Prep Date: 1/4/2022	RunNo: 72335					
Client ID: CCV	Batch ID: 34921				Analysis Date: 1/4/2022	SeqNo: 1477038					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.9 10.0 100.0 0 99.9 90 110

Sample ID: CCB-34921C	SampType: CCB	Units: µg/L			Prep Date: 1/4/2022	RunNo: 72335					
Client ID: CCB	Batch ID: 34921				Analysis Date: 1/4/2022	SeqNo: 1477039					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34921D	SampType: CCV	Units: µg/L			Prep Date: 1/4/2022	RunNo: 72335					
Client ID: CCV	Batch ID: 34921				Analysis Date: 1/4/2022	SeqNo: 1477057					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 103 10.0 100.0 0 103 90 110

Sample ID: CCB-34921D	SampType: CCB	Units: µg/L			Prep Date: 1/4/2022	RunNo: 72335					
Client ID: CCB	Batch ID: 34921				Analysis Date: 1/4/2022	SeqNo: 1477058					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34930	SampType: ICB	Units: µg/L			Prep Date: 1/5/2022	RunNo: 72359					
Client ID: ICB	Batch ID: 34930				Analysis Date: 1/5/2022	SeqNo: 1477403					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-34930	SampType: ICV	Units: µg/L				Prep Date: 1/5/2022	RunNo: 72359				
Client ID: ICV	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477404				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	99.8	10.0	100.0	0	99.8	90	110				

Sample ID: MB-34930	SampType: MBLK	Units: mg/Kg				Prep Date: 1/4/2022	RunNo: 72359				
Client ID: MBLKS	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477408				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.820									

Sample ID: LCS-34930	SampType: LCS	Units: mg/Kg				Prep Date: 1/4/2022	RunNo: 72359				
Client ID: LCSS	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477409				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	41.1	0.820	40.98	0	100	80	120				

Sample ID: 2112441-005AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/4/2022	RunNo: 72359				
Client ID: BATCH	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477412				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	77.5	0.970	48.50	26.67	105	75	125				

Sample ID: 2112441-005AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/4/2022	RunNo: 72359				
Client ID: BATCH	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477413				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	78.9	0.978	48.89	26.67	107	75	125	77.53	1.74	20	

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112441-005APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 1/4/2022	RunNo: 72359				
Client ID: BATCH	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477414				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 76.3 0.918 45.9 26.7 108 75 125

Sample ID: CCV-34930A	SampType: CCV	Units: µg/L				Prep Date: 1/5/2022	RunNo: 72359				
Client ID: CCV	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477418				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.6 10.0 100.0 0 98.6 90 110

Sample ID: CCB-34930A	SampType: CCB	Units: µg/L				Prep Date: 1/5/2022	RunNo: 72359				
Client ID: CCB	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477419				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34930B	SampType: CCV	Units: µg/L				Prep Date: 1/5/2022	RunNo: 72359				
Client ID: CCV	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477506				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 103 10.0 100.0 0 103 90 110

Sample ID: CCB-34930B	SampType: CCB	Units: µg/L				Prep Date: 1/5/2022	RunNo: 72359				
Client ID: CCB	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477507				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34930C	SampType: CCV	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCV	Batch ID: 34930	Analysis Date: 1/5/2022	SeqNo: 1477582								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 103 10.0 100.0 0 103 90 110

Sample ID: CCB-34930C	SampType: CCB	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCB	Batch ID: 34930	Analysis Date: 1/5/2022	SeqNo: 1477583								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34930D	SampType: CCV	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCV	Batch ID: 34930	Analysis Date: 1/5/2022	SeqNo: 1477586								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 106 10.0 100.0 0 106 90 110

Sample ID: CCB-34930D	SampType: CCB	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCB	Batch ID: 34930	Analysis Date: 1/5/2022	SeqNo: 1477587								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34930E	SampType: CCV	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCV	Batch ID: 34930	Analysis Date: 1/5/2022	SeqNo: 1477626								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.8 10.0 100.0 0 97.8 90 110

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34930E	SampType: CCB	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCB	Batch ID: 34930	Analysis Date: 1/5/2022	SeqNo: 1477627								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34966	SampType: ICB	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: ICB	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478669								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34966	SampType: ICV	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: ICV	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478670								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.2 10.0 100.0 0 98.2 90 110

Sample ID: CCV-34966A	SampType: CCV	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCV	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478674								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.8 10.0 100.0 0 95.8 90 110

Sample ID: CCB-34966A	SampType: CCB	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCB	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478675								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0



Date: 2/4/2022

Work Order: 2112277
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: MB-34966	SampType: MBLK	Units: mg/Kg			Prep Date: 1/7/2022	RunNo: 72429					
Client ID: MBLKS	Batch ID: 34966				Analysis Date: 1/7/2022	SeqNo: 1478676					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.746									

Sample ID: LCS-34966	SampType: LCS	Units: mg/Kg			Prep Date: 1/7/2022	RunNo: 72429					
Client ID: LCSS	Batch ID: 34966				Analysis Date: 1/7/2022	SeqNo: 1478677					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	34.6	0.758	37.88	0	91.3	80	120				

Sample ID: CCV-34966B	SampType: CCV	Units: µg/L			Prep Date: 1/7/2022	RunNo: 72429					
Client ID: CCV	Batch ID: 34966				Analysis Date: 1/7/2022	SeqNo: 1478679					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.4	10.0	100.0	0	97.4	90	110				

Sample ID: CCB-34966B	SampType: CCB	Units: µg/L			Prep Date: 1/7/2022	RunNo: 72429					
Client ID: CCB	Batch ID: 34966				Analysis Date: 1/7/2022	SeqNo: 1478680					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: 2201052-001AMS	SampType: MS	Units: mg/Kg-dry			Prep Date: 1/7/2022	RunNo: 72429					
Client ID: BATCH	Batch ID: 34966				Analysis Date: 1/7/2022	SeqNo: 1478682					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	64.6	0.856	42.82	13.21	120	75	125				

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 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2201052-001AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: BATCH	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478683								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	47.0	0.850	42.51	13.21	79.4	75	125	64.63	31.6	20	R
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NOTES:

R - High RPD observed.

Sample ID: 2201052-001APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: BATCH	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478684								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	51.0	0.826	41.3	13.2	91.6	75	125				
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Sample ID: CCV-34966C	SampType: CCV	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCV	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478691								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	91.6	10.0	100.0	0	91.6	90	110				
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Sample ID: CCB-34966C	SampType: CCB	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCB	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478692								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Sample ID: CCV-34966D	SampType: CCV	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCV	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478697								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	92.5	10.0	100.0	0	92.5	90	110				
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Work Order: 2112277
 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34966D	SampType: CCB	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCB	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478698								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34966A	SampType: ICB	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72429							
Client ID: ICB	Batch ID: 34966	Analysis Date: 1/10/2022	SeqNo: 1479012								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34966A	SampType: ICV	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72429							
Client ID: ICV	Batch ID: 34966	Analysis Date: 1/10/2022	SeqNo: 1479013								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 92.1 10.0 100.0 0 92.1 90 110

Sample ID: CCV-34966E	SampType: CCV	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72429							
Client ID: CCV	Batch ID: 34966	Analysis Date: 1/10/2022	SeqNo: 1479020								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.4 10.0 100.0 0 97.4 90 110

Sample ID: CCB-34966E	SampType: CCB	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72429							
Client ID: CCB	Batch ID: 34966	Analysis Date: 1/10/2022	SeqNo: 1479021								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112277
 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34966F	SampType: CCV	Units: µg/L				Prep Date: 1/10/2022	RunNo: 72429				
Client ID: CCV	Batch ID: 34966					Analysis Date: 1/10/2022	SeqNo: 1479026				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.7 10.0 100.0 0 99.7 90 110

Sample ID: CCB-34966F	SampType: CCB	Units: µg/L				Prep Date: 1/10/2022	RunNo: 72429				
Client ID: CCB	Batch ID: 34966					Analysis Date: 1/10/2022	SeqNo: 1479027				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34980	SampType: ICB	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: ICB	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479302				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34980	SampType: ICV	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: ICV	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479303				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.0 10.0 100.0 0 99.0 90 110

Sample ID: MB-34980	SampType: MBLK	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72474				
Client ID: MBLKS	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479307				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.794

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-34980	SampType: LCS	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72474				
Client ID: LCSS	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479308				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	38.1	0.746	37.31	0	102	80	120				

Sample ID: 2201086-001AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72474				
Client ID: BATCH	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479311				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	80.7	1.12	55.97	31.08	88.6	75	125				

Sample ID: 2201086-001AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72474				
Client ID: BATCH	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479312				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	82.5	1.16	58.14	31.08	88.4	75	125	80.67	2.25	20	

Sample ID: 2201086-001APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72474				
Client ID: BATCH	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479313				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	73.6	1.13	56.4	31.1	75.5	75	125				

Sample ID: CCV-34980A	SampType: CCV	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: CCV	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479317				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	103	10.0	100.0	0	103	90	110				

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34980A	SampType: CCB	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCB	Batch ID: 34980	Analysis Date: 1/11/2022	SeqNo: 1479318								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34980B	SampType: CCV	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCV	Batch ID: 34980	Analysis Date: 1/11/2022	SeqNo: 1479323								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCB-34980B	SampType: CCB	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCB	Batch ID: 34980	Analysis Date: 1/11/2022	SeqNo: 1479326								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34980C	SampType: CCV	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCV	Batch ID: 34980	Analysis Date: 1/11/2022	SeqNo: 1479398								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.1 10.0 100.0 0 96.1 90 110

Sample ID: CCB-34980C	SampType: CCB	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCB	Batch ID: 34980	Analysis Date: 1/11/2022	SeqNo: 1479399								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34980D	SampType: CCV	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: CCV	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479410				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.5	10.0	100.0	0	97.5	90	110				

Sample ID: CCB-34980D	SampType: CCB	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: CCB	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479411				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICB-35028	SampType: ICB	Units: µg/L				Prep Date: 1/17/2022	RunNo: 72586				
Client ID: ICB	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481327				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-35028	SampType: ICV	Units: µg/L				Prep Date: 1/17/2022	RunNo: 72586				
Client ID: ICV	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481328				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	100	10.0	100.0	0	100	90	110				

Sample ID: MB-35028	SampType: MBLK	Units: mg/Kg				Prep Date: 1/14/2022	RunNo: 72586				
Client ID: MBLKS	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481332				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	2.13	0.752									



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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-35028	SampType: LCS	Units: mg/Kg				Prep Date: 1/14/2022	RunNo: 72586				
Client ID: LCSS	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481333				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	41.1	0.794	39.68	0	104	80	120				

Sample ID: 2201187-004AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/14/2022	RunNo: 72586				
Client ID: BATCH	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481336				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	62.6	0.831	41.57	24.76	91.0	75	125				

Sample ID: 2201187-004AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/14/2022	RunNo: 72586				
Client ID: BATCH	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481337				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	66.4	0.858	42.89	24.76	97.2	75	125	62.59	5.96	20	

Sample ID: 2201187-004APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 1/14/2022	RunNo: 72586				
Client ID: BATCH	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481338				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	57.0	0.831	41.6	24.8	77.6	75	125				

Sample ID: CCV-35028A	SampType: CCV	Units: µg/L				Prep Date: 1/17/2022	RunNo: 72586				
Client ID: CCV	Batch ID: 35028					Analysis Date: 1/17/2022	SeqNo: 1481342				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	96.1	10.0	100.0	0	96.1	90	110				



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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-35028A	SampType: CCB	Units: µg/L	Prep Date: 1/17/2022	RunNo: 72586							
Client ID: CCB	Batch ID: 35028	Analysis Date: 1/17/2022	SeqNo: 1481343								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35028B	SampType: CCV	Units: µg/L	Prep Date: 1/17/2022	RunNo: 72586							
Client ID: CCV	Batch ID: 35028	Analysis Date: 1/17/2022	SeqNo: 1481477								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	89.9	10.0	100.0	0	89.9	90	110				S

NOTES:

S - Outlying spike recovery observed (low bias). Samples will be qualified with a Q.

Sample ID: CCB-35028B	SampType: CCB	Units: µg/L	Prep Date: 1/17/2022	RunNo: 72586							
Client ID: CCB	Batch ID: 35028	Analysis Date: 1/17/2022	SeqNo: 1481478								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICB-35051	SampType: ICB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: ICB	Batch ID: 35051	Analysis Date: 1/18/2022	SeqNo: 1482042								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-35051	SampType: ICV	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: ICV	Batch ID: 35051	Analysis Date: 1/18/2022	SeqNo: 1482044								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	100	10.0	100.0	0	100	90	110				

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35051A	SampType: CCV	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCV	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482052							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	95.3	10.0	100.0	0	95.3	90	110				

Sample ID: CCB-35051A	SampType: CCB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCB	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482054							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: MB-35051	SampType: MBLK	Units: mg/Kg	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: MBLKS	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482055							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.758									

Sample ID: LCS-35051	SampType: LCS	Units: mg/Kg	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: LCSS	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482057							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	40.1	0.800	40.00	0	100	80	120				

Sample ID: 2201240-003AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: BATCH	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482063							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	55.9	0.875	43.74	11.79	101	75	125				

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2201240-003AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: BATCH	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482064				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	51.0	0.868	43.39	11.79	90.4	75	125	55.90	9.16	20	

Sample ID: 2201240-003APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: BATCH	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482066				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	54.3	0.835	41.8	11.8	102	75	125				

Sample ID: CCV-35051B	SampType: CCV	Units: µg/L				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: CCV	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482073				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	107	10.0	100.0	0	107	90	110				

Sample ID: CCB-35051B	SampType: CCB	Units: µg/L				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: CCB	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482075				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35051C	SampType: CCV	Units: µg/L				Prep Date: 1/18/2022	RunNo: 72616				
Client ID: CCV	Batch ID: 35051					Analysis Date: 1/18/2022	SeqNo: 1482106				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	90.0	10.0	100.0	0	90.0	90	110				



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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-35051C	SampType: CCB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCB	Batch ID: 35051	Analysis Date: 1/18/2022	SeqNo: 1482108								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35051D	SampType: CCV	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCV	Batch ID: 35051	Analysis Date: 1/18/2022	SeqNo: 1482222								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 90.4 10.0 100.0 0 90.4 90 110

Sample ID: CCB-35051D	SampType: CCB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCB	Batch ID: 35051	Analysis Date: 1/18/2022	SeqNo: 1482223								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-35051A	SampType: ICB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: ICB	Batch ID: 35051	Analysis Date: 1/18/2022	SeqNo: 1482391								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-35051A	SampType: ICV	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: ICV	Batch ID: 35051	Analysis Date: 1/18/2022	SeqNo: 1482392								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.5 10.0 100.0 0 96.5 90 110

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35051E	SampType: CCV	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCV	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482399							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.7	10.0	100.0	0	97.7	90	110				

Sample ID: CCB-35051E	SampType: CCB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCB	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482400							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35051F	SampType: CCV	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCV	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482411							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	94.8	10.0	100.0	0	94.8	90	110				

Sample ID: CCB-35051F	SampType: CCB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCB	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482412							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35051G	SampType: CCV	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCV	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482414							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	98.3	10.0	100.0	0	98.3	90	110				



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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-35051G	SampType: CCB	Units: µg/L	Prep Date: 1/18/2022	RunNo: 72616							
Client ID: CCB	Batch ID: 35051		Analysis Date: 1/18/2022	SeqNo: 1482415							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-35107	SampType: ICB	Units: µg/L	Prep Date: 1/24/2022	RunNo: 72741							
Client ID: ICB	Batch ID: 35107		Analysis Date: 1/24/2022	SeqNo: 1484683							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-35107	SampType: ICV	Units: µg/L	Prep Date: 1/24/2022	RunNo: 72741							
Client ID: ICV	Batch ID: 35107		Analysis Date: 1/24/2022	SeqNo: 1484684							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.5 10.0 100.0 0 98.5 90 110

Sample ID: CCV-35107A	SampType: CCV	Units: µg/L	Prep Date: 1/24/2022	RunNo: 72741							
Client ID: CCV	Batch ID: 35107		Analysis Date: 1/24/2022	SeqNo: 1484688							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 94.6 10.0 100.0 0 94.6 90 110

Sample ID: CCB-35107A	SampType: CCB	Units: µg/L	Prep Date: 1/24/2022	RunNo: 72741							
Client ID: CCB	Batch ID: 35107		Analysis Date: 1/24/2022	SeqNo: 1484689							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: MB-35107	SampType: MBLK	Units: mg/Kg				Prep Date: 1/21/2022	RunNo: 72741				
Client ID: MBLKS	Batch ID: 35107					Analysis Date: 1/24/2022	SeqNo: 1484690				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.775									

Sample ID: LCS-35107	SampType: LCS	Units: mg/Kg				Prep Date: 1/21/2022	RunNo: 72741				
Client ID: LCSS	Batch ID: 35107					Analysis Date: 1/24/2022	SeqNo: 1484691				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	38.2	0.746	37.31	0	102	80	120				

Sample ID: 2201318-003AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/21/2022	RunNo: 72741				
Client ID: BATCH	Batch ID: 35107					Analysis Date: 1/24/2022	SeqNo: 1484694				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	80.1	0.920	46.01	31.59	105	75	125				

Sample ID: 2201318-003AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/21/2022	RunNo: 72741				
Client ID: BATCH	Batch ID: 35107					Analysis Date: 1/24/2022	SeqNo: 1484695				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	74.2	0.928	46.38	31.59	91.9	75	125	80.08	7.61	20	

Sample ID: CCV-35107B	SampType: CCV	Units: µg/L				Prep Date: 1/24/2022	RunNo: 72741				
Client ID: CCV	Batch ID: 35107					Analysis Date: 1/24/2022	SeqNo: 1484700				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	95.3	10.0	100.0	0	95.3	90	110				

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35107B	SampType: CCV	Units: µg/L			Prep Date: 1/24/2022	RunNo: 72741					
Client ID: CCV	Batch ID: 35107				Analysis Date: 1/24/2022	SeqNo: 1484701					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.9 10.0 100.0 0 98.9 90 110

Sample ID: CCV-35107B	SampType: CCV	Units: µg/L			Prep Date: 1/24/2022	RunNo: 72741					
Client ID: CCV	Batch ID: 35107				Analysis Date: 1/24/2022	SeqNo: 1484702					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.7 10.0 100.0 0 97.7 90 110

Sample ID: CCB-35107B	SampType: CCB	Units: µg/L			Prep Date: 1/24/2022	RunNo: 72741					
Client ID: CCB	Batch ID: 35107				Analysis Date: 1/24/2022	SeqNo: 1484703					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35107C	SampType: CCV	Units: µg/L			Prep Date: 1/24/2022	RunNo: 72741					
Client ID: CCV	Batch ID: 35107				Analysis Date: 1/24/2022	SeqNo: 1484712					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.3 10.0 100.0 0 95.3 90 110

Sample ID: CCB-35107C	SampType: CCB	Units: µg/L			Prep Date: 1/24/2022	RunNo: 72741					
Client ID: CCB	Batch ID: 35107				Analysis Date: 1/24/2022	SeqNo: 1484713					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35107D	SampType: CCV	Units: µg/L				Prep Date: 1/24/2022	RunNo: 72741				
Client ID: CCV	Batch ID: 35107					Analysis Date: 1/24/2022	SeqNo: 1484953				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	95.6	10.0	100.0	0	95.6	90	110				

Sample ID: CCB-35107D	SampType: CCB	Units: µg/L				Prep Date: 1/24/2022	RunNo: 72741				
Client ID: CCB	Batch ID: 35107					Analysis Date: 1/24/2022	SeqNo: 1484954				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35107E	SampType: CCV	Units: µg/L				Prep Date: 1/24/2022	RunNo: 72741				
Client ID: CCV	Batch ID: 35107					Analysis Date: 1/24/2022	SeqNo: 1484963				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	103	10.0	100.0	0	103	90	110				

Sample ID: CCB-35107E	SampType: CCB	Units: µg/L				Prep Date: 1/24/2022	RunNo: 72741				
Client ID: CCB	Batch ID: 35107					Analysis Date: 1/24/2022	SeqNo: 1484964				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICB-35223	SampType: ICB	Units: µg/L				Prep Date: 2/3/2022	RunNo: 73039				
Client ID: ICB	Batch ID: 35223					Analysis Date: 2/3/2022	SeqNo: 1491249				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-35223	SampType: ICV	Units: µg/L				Prep Date: 2/3/2022	RunNo: 73039				
Client ID: ICV	Batch ID: 35223					Analysis Date: 2/3/2022	SeqNo: 1491250				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 102 10.0 100.0 0 102 90 110

Sample ID: MB-35223	SampType: MBLK	Units: mg/Kg				Prep Date: 2/2/2022	RunNo: 73039				
Client ID: MBLKS	Batch ID: 35223					Analysis Date: 2/3/2022	SeqNo: 1491254				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 1.00

Sample ID: LCS-35223	SampType: LCS	Units: mg/Kg				Prep Date: 2/2/2022	RunNo: 73039				
Client ID: LCSS	Batch ID: 35223					Analysis Date: 2/3/2022	SeqNo: 1491255				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 39.4 0.752 37.59 0 105 80 120

Sample ID: 2201431-006AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 2/2/2022	RunNo: 73039				
Client ID: BATCH	Batch ID: 35223					Analysis Date: 2/3/2022	SeqNo: 1491258				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 63.3 0.852 42.59 17.09 109 75 125

Sample ID: 2201431-006AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 2/2/2022	RunNo: 73039				
Client ID: BATCH	Batch ID: 35223					Analysis Date: 2/3/2022	SeqNo: 1491259				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 61.5 0.846 42.28 17.09 105 75 125 63.33 2.91 20

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35223A	SampType: CCV	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCV	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491262								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 101 10.0 100.0 0 101 90 110

Sample ID: CCB-35223A	SampType: CCB	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCB	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491263								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35223B	SampType: CCV	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCV	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491274								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

Sample ID: CCB-35223B	SampType: CCB	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCB	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491275								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35223C	SampType: CCV	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCV	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491283								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 102 10.0 100.0 0 102 90 110

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-35223C	SampType: CCB	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCB	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491284								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-35223A	SampType: ICB	Units: µg/L	Prep Date: 2/4/2022	RunNo: 73039							
Client ID: ICB	Batch ID: 35223	Analysis Date: 2/4/2022	SeqNo: 1491660								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-35223A	SampType: ICV	Units: µg/L	Prep Date: 2/4/2022	RunNo: 73039							
Client ID: ICV	Batch ID: 35223	Analysis Date: 2/4/2022	SeqNo: 1491661								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 101 10.0 100.0 0 101 90 110

Sample ID: CCV-35223D	SampType: CCV	Units: µg/L	Prep Date: 2/4/2022	RunNo: 73039							
Client ID: CCV	Batch ID: 35223	Analysis Date: 2/4/2022	SeqNo: 1491666								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.6 10.0 100.0 0 96.6 90 110

Sample ID: CCB-35223D	SampType: CCB	Units: µg/L	Prep Date: 2/4/2022	RunNo: 73039							
Client ID: CCB	Batch ID: 35223	Analysis Date: 2/4/2022	SeqNo: 1491667								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35223E		SampType: CCV		Units: µg/L		Prep Date: 2/4/2022		RunNo: 73039			
Client ID: CCV		Batch ID: 35223				Analysis Date: 2/4/2022		SeqNo: 1491674			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	89.2	10.0	100.0	0	89.2	90	110				S

NOTES:

S - Outlying spike recovery observed (low bias). Samples will be qualified with a Q.

Sample ID: CCB-35223E		SampType: CCB		Units: µg/L		Prep Date: 2/4/2022		RunNo: 73039			
Client ID: CCB		Batch ID: 35223				Analysis Date: 2/4/2022		SeqNo: 1491675			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660 ICB	SampType: ICB	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 71394				
Client ID: ICB	Batch ID: 34788					Analysis Date: 11/17/2021	SeqNo: 1454001				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1260	ND	0.0500									
Surr: Decachlorobiphenyl	207		200.0		103	50.2	159				
Surr: Tetrachloro-m-xylene	214		200.0		107	60.3	134				

Sample ID: 1660 ICV	SampType: ICV	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 71394				
Client ID: ICV	Batch ID: 34788					Analysis Date: 11/17/2021	SeqNo: 1454002				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.01	0.0500	1.000	0	101	80	120				
Aroclor 1260	0.991	0.0500	1.000	0	99.1	80	120				
Surr: Decachlorobiphenyl	196		200.0		98.1	30.2	155				
Surr: Tetrachloro-m-xylene	212		200.0		106	58.8	143				

Sample ID: 1254 ICB	SampType: ICB	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 71394				
Client ID: ICB	Batch ID: 34788					Analysis Date: 11/17/2021	SeqNo: 1454011				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	ND	0.0500									
Surr: Decachlorobiphenyl	195		200.0		97.3	50.2	159				
Surr: Tetrachloro-m-xylene	197		200.0		98.7	60.3	134				

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 71394				
Client ID: ICV	Batch ID: 34788					Analysis Date: 11/17/2021	SeqNo: 1454012				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.05	0.0500	1.000	0	105	80	120				
Surr: Decachlorobiphenyl	196		200.0		98.0	30.2	155				
Surr: Tetrachloro-m-xylene	202		200.0		101	58.8	143				

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 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg	Prep Date: 11/17/2021	RunNo: 71394							
Client ID: ICV	Batch ID: 34788		Analysis Date: 11/17/2021	SeqNo: 1454012							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1660-CCV-34788A	SampType: CCV	Units: mg/Kg	Prep Date: 12/17/2021	RunNo: 72064							
Client ID: CCV	Batch ID: 34788		Analysis Date: 12/17/2021	SeqNo: 1470277							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.17	0.0500	1.000	0	117	80	120				
Aroclor 1260	1.20	0.0500	1.000	0	120	80	120				
Surr: Decachlorobiphenyl	229		200.0		114	30.2	155				
Surr: Tetrachloro-m-xylene	230		200.0		115	58.8	143				

Sample ID: 1254-CCV-34788A	SampType: CCV	Units: mg/Kg	Prep Date: 12/17/2021	RunNo: 72064							
Client ID: CCV	Batch ID: 34788		Analysis Date: 12/17/2021	SeqNo: 1470278							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.16	0.0500	1.000	0	116	80	120				
Surr: Decachlorobiphenyl	234		200.0		117	30.2	155				
Surr: Tetrachloro-m-xylene	238		200.0		119	58.8	143				

Sample ID: MB-34788	SampType: MBLK	Units: mg/Kg	Prep Date: 12/16/2021	RunNo: 72064							
Client ID: MBLKS	Batch ID: 34788		Analysis Date: 12/17/2021	SeqNo: 1470279							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34788	SampType: MBLK	Units: mg/Kg				Prep Date: 12/16/2021	RunNo: 72064				
Client ID: MBLKS	Batch ID: 34788					Analysis Date: 12/17/2021	SeqNo: 1470279				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	244		200.0		122	25.9	167				
Surr: Tetrachloro-m-xylene	235		200.0		118	31.3	173				

Sample ID: LCS1-34788	SampType: LCS	Units: mg/Kg				Prep Date: 12/16/2021	RunNo: 72064				
Client ID: LCSS	Batch ID: 34788					Analysis Date: 12/17/2021	SeqNo: 1470280				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.23	0.0500	1.000	0	123	54.1	142				
Aroclor 1260	1.25	0.0500	1.000	0	125	51.7	152				
Surr: Decachlorobiphenyl	242		200.0		121	25.9	167				
Surr: Tetrachloro-m-xylene	234		200.0		117	31.3	173				

Sample ID: LCS2-34788	SampType: LCS	Units: mg/Kg				Prep Date: 12/16/2021	RunNo: 72064				
Client ID: LCSS	Batch ID: 34788					Analysis Date: 12/17/2021	SeqNo: 1470281				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.45	0.0500	1.000	0	145	55.9	156				
Surr: Decachlorobiphenyl	258		200.0		129	25.9	167				
Surr: Tetrachloro-m-xylene	241		200.0		120	31.3	173				

Sample ID: 2112277-001AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/16/2021	RunNo: 72064				
Client ID: A4-SIDE65:2	Batch ID: 34788					Analysis Date: 12/17/2021	SeqNo: 1470283				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.740	0.0464	0.9287	0	79.7	26.5	166				
Aroclor 1260	0.575	0.0464	0.9287	0	61.9	29.2	168				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112277-001AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/16/2021	RunNo: 72064							
Client ID: A4-SIDE65:2	Batch ID: 34788		Analysis Date: 12/17/2021	SeqNo: 1470283							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	126		185.7		68.1	25.9	167				
Surr: Tetrachloro-m-xylene	120		185.7		64.6	31.3	173				

Sample ID: 2112277-001AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/16/2021	RunNo: 72064							
Client ID: A4-SIDE65:2	Batch ID: 34788		Analysis Date: 12/17/2021	SeqNo: 1470284							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.533	0.0492	0.9850	0	54.1	26.5	166	0.7397	32.5	30	R
Aroclor 1260	0.371	0.0492	0.9850	0	37.6	29.2	168	0.5747	43.1	30	R
Surr: Decachlorobiphenyl	59.2		197.0		30.0	25.9	167		0		
Surr: Tetrachloro-m-xylene	58.4		197.0		29.6	31.3	173		0		S

NOTES:
S - Outlying surrogate recovery(ies) observed. A duplicate analysis was performed and recovered within range.
R - High RPD due to sample inhomogeneity.

Sample ID: 1660-CCV-34788B	SampType: CCV	Units: mg/Kg	Prep Date: 12/17/2021	RunNo: 72064							
Client ID: CCV	Batch ID: 34788		Analysis Date: 12/17/2021	SeqNo: 1470290							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.22	0.0500	1.000	0	122	80	120				S
Aroclor 1260	1.26	0.0500	1.000	0	126	80	120				S
Surr: Decachlorobiphenyl	240		200.0		120	30.2	155				
Surr: Tetrachloro-m-xylene	240		200.0		120	58.8	143				

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect; result meets QC requirements.

Sample ID: 1254-CCV-34788B	SampType: CCV	Units: mg/Kg	Prep Date: 12/17/2021	RunNo: 72064							
Client ID: CCV	Batch ID: 34788		Analysis Date: 12/17/2021	SeqNo: 1470291							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.24	0.0500	1.000	0	124	80	120				S
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34788B	SampType: CCV	Units: mg/Kg				Prep Date: 12/17/2021	RunNo: 72064				
Client ID: CCV	Batch ID: 34788					Analysis Date: 12/17/2021	SeqNo: 1470291				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	248		200.0		124	30.2	155
Surr: Tetrachloro-m-xylene	251		200.0		126	58.8	143

NOTES:
S - Outlying spike recovery observed (high bias). Two subsequent CCVs were analyzed with passing recoveries.

Sample ID: 1254-CCV-34788B	SampType: CCV	Units: mg/Kg				Prep Date: 12/17/2021	RunNo: 72064				
Client ID: CCV	Batch ID: 34788					Analysis Date: 12/17/2021	SeqNo: 1470292				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.01	0.0500	1.000	0	101	80	120
Surr: Decachlorobiphenyl	212		200.0		106	30.2	155
Surr: Tetrachloro-m-xylene	227		200.0		113	58.8	143

Sample ID: 1254-CCV-34788B	SampType: CCV	Units: mg/Kg				Prep Date: 12/17/2021	RunNo: 72064				
Client ID: CCV	Batch ID: 34788					Analysis Date: 12/17/2021	SeqNo: 1470293				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.969	0.0500	1.000	0	96.9	80	120
Surr: Decachlorobiphenyl	208		200.0		104	30.2	155
Surr: Tetrachloro-m-xylene	215		200.0		108	58.8	143

Sample ID: 1660-CCV-34814A	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72091				
Client ID: CCV	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472132				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.996	0.0500	1.000	0	99.6	80	120
Aroclor 1260	0.950	0.0500	1.000	0	95.0	80	120
Surr: Decachlorobiphenyl	179		200.0		89.3	30.2	155
Surr: Tetrachloro-m-xylene	218		200.0		109	58.8	143

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34814A	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72091				
Client ID: CCV	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472133				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.989	0.0500	1.000	0	98.9	80	120				
Surr: Decachlorobiphenyl	173		200.0		86.6	30.2	155				
Surr: Tetrachloro-m-xylene	208		200.0		104	58.8	143				

Sample ID: MB-34814	SampType: MBLK	Units: mg/Kg				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: MBLKS	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472134				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	192		200.0		95.9	25.9	167				
Surr: Tetrachloro-m-xylene	240		200.0		120	31.3	173				

Sample ID: LCS1-34814	SampType: LCS	Units: mg/Kg				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: LCSS	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472135				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.16	0.0500	1.000	0	116	54.1	142				
Aroclor 1260	1.10	0.0500	1.000	0	110	51.7	152				
Surr: Decachlorobiphenyl	198		200.0		99.0	25.9	167				
Surr: Tetrachloro-m-xylene	234		200.0		117	31.3	173				

Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1-34814	SampType: LCS	Units: mg/Kg				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: LCSS	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472135				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCS2-34814	SampType: LCS	Units: mg/Kg				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: LCSS	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472136				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.02	0.0500	1.000	0	102	55.9	156				
Surr: Decachlorobiphenyl	198		200.0		99.0	25.9	167				
Surr: Tetrachloro-m-xylene	230		200.0		115	31.3	173				

Sample ID: 2112277-013AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: A4-SIDE66:1.5	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472138				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.39	0.0595	1.189	0	117	26.5	166				
Aroclor 1260	1.36	0.0595	1.189	0	115	29.2	168				
Surr: Decachlorobiphenyl	242		237.9		102	25.9	167				
Surr: Tetrachloro-m-xylene	286		237.9		120	31.3	173				

Sample ID: 2112277-013AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/20/2021	RunNo: 72091				
Client ID: A4-SIDE66:1.5	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472139				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.16	0.0599	1.198	0	97.1	26.5	166	1.389	17.7	30	
Aroclor 1260	1.12	0.0599	1.198	0	93.1	29.2	168	1.365	20.1	30	
Surr: Decachlorobiphenyl	194		239.5		80.8	25.9	167		0		
Surr: Tetrachloro-m-xylene	229		239.5		95.6	31.3	173		0		

Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34814B	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72091				
Client ID: CCV	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472156				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.24	0.0500	1.000	0	124	80	120				S
Aroclor 1260	1.20	0.0500	1.000	0	120	80	120				S
Surr: Decachlorobiphenyl	242		200.0		121	30.2	155				
Surr: Tetrachloro-m-xylene	266		200.0		133	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for that analyte; result meets QC requirements.

Sample ID: 1660-CCV-34832A	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: CCV	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472671				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.24	0.0500	1.000	0	124	80	120				S
Aroclor 1260	1.21	0.0500	1.000	0	121	80	120				S
Surr: Decachlorobiphenyl	242		200.0		121	30.2	155				
Surr: Tetrachloro-m-xylene	266		200.0		133	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1254-CCV-34814B	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72091				
Client ID: CCV	Batch ID: 34814					Analysis Date: 12/21/2021	SeqNo: 1472157				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	200		200.0		100	30.2	155				
Surr: Tetrachloro-m-xylene	234		200.0		117	58.8	143				

Sample ID: 1254-CCV-34832A	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: CCV	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472672				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.11	0.0500	1.000	0	111	80	120				

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34832A	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: CCV	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472672				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	200		200.0		100	30.2	155				
Surr: Tetrachloro-m-xylene	234		200.0		117	58.8	143				

Sample ID: MB-34832	SampType: MBLK	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: MBLKS	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472673				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	221		200.0		110	25.9	167				
Surr: Tetrachloro-m-xylene	239		200.0		120	31.3	173				

Sample ID: LCS1-34832	SampType: LCS	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: LCSS	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472674				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.20	0.0500	1.000	0	120	54.1	142				
Aroclor 1260	1.16	0.0500	1.000	0	116	51.7	152				
Surr: Decachlorobiphenyl	212		200.0		106	25.9	167				
Surr: Tetrachloro-m-xylene	235		200.0		117	31.3	173				

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS2-34832	SampType: LCS	Units: mg/Kg	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: LCSS	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472675							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.09	0.0500	1.000	0	109	55.9	156				
Surr: Decachlorobiphenyl	213		200.0		107	25.9	167				
Surr: Tetrachloro-m-xylene	232		200.0		116	31.3	173				

Sample ID: 2112242-084AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: BATCH	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472677							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.614	0.0478	0.9566	0	64.2	26.5	166				
Aroclor 1260	0.569	0.0478	0.9566	0	59.5	29.2	168				
Surr: Decachlorobiphenyl	102		191.3		53.6	25.9	167				
Surr: Tetrachloro-m-xylene	114		191.3		59.4	31.3	173				

Sample ID: 2112242-084AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: BATCH	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472678							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.02	0.0476	0.9520	0	107	26.5	166	0.6138	49.9	30	R
Aroclor 1260	0.918	0.0476	0.9520	0	96.4	29.2	168	0.5689	46.9	30	R
Surr: Decachlorobiphenyl	160		190.4		84.3	25.9	167		0		
Surr: Tetrachloro-m-xylene	191		190.4		100	31.3	173		0		

NOTES:

R - High RPD observed, spike recovery is within range.

Sample ID: 1660-CCV-34832B	SampType: CCV	Units: mg/Kg	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: CCV	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472685							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.19	0.0500	1.000	0	119	80	120				
Aroclor 1260	1.16	0.0500	1.000	0	116	80	120				

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34832B	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: CCV	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472685				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	224		200.0		112	30.2	155				
Surr: Tetrachloro-m-xylene	250		200.0		125	58.8	143				

Sample ID: 1254-CCV-34832B	SampType: CCV	Units: mg/Kg				Prep Date: 12/21/2021	RunNo: 72160				
Client ID: CCV	Batch ID: 34832					Analysis Date: 12/21/2021	SeqNo: 1472686				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	193		200.0		96.3	30.2	155				
Surr: Tetrachloro-m-xylene	227		200.0		113	58.8	143				

Sample ID: 1660-CCV-34857A	SampType: CCV	Units: mg/Kg				Prep Date: 12/24/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/24/2021	SeqNo: 1473831				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.48	0.0500	1.000	0	148	80	120				S
Aroclor 1260	1.46	0.0500	1.000	0	146	80	120				S
Surr: Decachlorobiphenyl	234		200.0		117	30.2	155				
Surr: Tetrachloro-m-xylene	256		200.0		128	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1254-CCV-34857A	SampType: CCV	Units: mg/Kg				Prep Date: 12/24/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/24/2021	SeqNo: 1473832				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.39	0.0500	1.000	0	139	80	120				S
Surr: Decachlorobiphenyl	221		200.0		111	30.2	155				
Surr: Tetrachloro-m-xylene	232		200.0		116	58.8	143				

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34857A	SampType: CCV	Units: mg/Kg	Prep Date: 12/24/2021	RunNo: 72189							
Client ID: CCV	Batch ID: 34857		Analysis Date: 12/24/2021	SeqNo: 1473832							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: MB-34857	SampType: MBLK	Units: mg/Kg	Prep Date: 12/23/2021	RunNo: 72189							
Client ID: MBLKS	Batch ID: 34857		Analysis Date: 12/24/2021	SeqNo: 1473833							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	236		200.0		118	25.9	167				
Surr: Tetrachloro-m-xylene	239		200.0		119	31.3	173				

Sample ID: LCS1-34857	SampType: LCS	Units: mg/Kg	Prep Date: 12/23/2021	RunNo: 72189							
Client ID: LCSS	Batch ID: 34857		Analysis Date: 12/24/2021	SeqNo: 1473834							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.22	0.0500	1.000	0	122	54.1	142				
Aroclor 1260	1.22	0.0500	1.000	0	122	51.7	152				
Surr: Decachlorobiphenyl	231		200.0		116	25.9	167				
Surr: Tetrachloro-m-xylene	234		200.0		117	31.3	173				

Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS2-34857	SampType: LCS	Units: mg/Kg				Prep Date: 12/23/2021	RunNo: 72189				
Client ID: LCSS	Batch ID: 34857					Analysis Date: 12/24/2021	SeqNo: 1473835				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.06	0.0500	1.000	0	106	55.9	156				
Surr: Decachlorobiphenyl	222		200.0		111	25.9	167				
Surr: Tetrachloro-m-xylene	236		200.0		118	31.3	173				

Sample ID: 2112277-063AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/23/2021	RunNo: 72189				
Client ID: A4-SIDE75:8	Batch ID: 34857					Analysis Date: 12/24/2021	SeqNo: 1473848				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.29	0.0470	0.9399	0	138	26.5	166				
Aroclor 1260	1.21	0.0470	0.9399	0	129	29.2	168				
Surr: Decachlorobiphenyl	221		188.0		118	25.9	167				
Surr: Tetrachloro-m-xylene	258		188.0		137	31.3	173				

Sample ID: 2112277-063AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 12/23/2021	RunNo: 72189				
Client ID: A4-SIDE75:8	Batch ID: 34857					Analysis Date: 12/24/2021	SeqNo: 1473849				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.43	0.0494	0.9885	0	145	26.5	166	1.294	10.2	30	
Aroclor 1260	1.39	0.0494	0.9885	0	141	29.2	168	1.215	13.5	30	
Surr: Decachlorobiphenyl	254		197.7		128	25.9	167		0		
Surr: Tetrachloro-m-xylene	274		197.7		139	31.3	173		0		

Sample ID: 1660-CCV-34857B	SampType: CCV	Units: mg/Kg				Prep Date: 12/24/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/24/2021	SeqNo: 1473850				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.68	0.0500	1.000	0	168	80	120				S
Aroclor 1260	1.58	0.0500	1.000	0	158	80	120				S
Surr: Decachlorobiphenyl	251		200.0		126	30.2	155				

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34857B	SampType: CCV	Units: mg/Kg			Prep Date: 12/24/2021	RunNo: 72189					
Client ID: CCV	Batch ID: 34857				Analysis Date: 12/24/2021	SeqNo: 1473850					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 277 200.0 139 58.8 143

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1254-CCV-34857B	SampType: CCV	Units: mg/Kg			Prep Date: 12/24/2021	RunNo: 72189					
Client ID: CCV	Batch ID: 34857				Analysis Date: 12/24/2021	SeqNo: 1473851					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.53 0.0500 1.000 0 153 80 120 S
 Surr: Decachlorobiphenyl 244 200.0 122 30.2 155
 Surr: Tetrachloro-m-xylene 266 200.0 133 58.8 143

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: 1660-CCV-34857C	SampType: CCV	Units: mg/Kg			Prep Date: 12/28/2021	RunNo: 72189					
Client ID: CCV	Batch ID: 34857				Analysis Date: 12/28/2021	SeqNo: 1474466					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 1.08 0.0500 1.000 0 108 80 120
 Aroclor 1260 1.08 0.0500 1.000 0 108 80 120
 Surr: Decachlorobiphenyl 205 200.0 103 30.2 155
 Surr: Tetrachloro-m-xylene 234 200.0 117 58.8 143

Sample ID: 1254-CCV-34857C	SampType: CCV	Units: mg/Kg			Prep Date: 12/28/2021	RunNo: 72189					
Client ID: CCV	Batch ID: 34857				Analysis Date: 12/28/2021	SeqNo: 1474466					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.15 0.0500 1.000 0 115 80 120
 Surr: Decachlorobiphenyl 208 200.0 104 30.2 155
 Surr: Tetrachloro-m-xylene 231 200.0 115 58.8 143

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34857D	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/28/2021	SeqNo: 1474479				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.37	0.0500	1.000	0	137	80	120				S
Aroclor 1260	1.41	0.0500	1.000	0	141	80	120				S
Surr: Decachlorobiphenyl	259		200.0		129	30.2	155				
Surr: Tetrachloro-m-xylene	261		200.0		131	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1254-CCV-34857D	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/28/2021	SeqNo: 1474480				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.27	0.0500	1.000	0	127	80	120				S
Surr: Decachlorobiphenyl	230		200.0		115	30.2	155				
Surr: Tetrachloro-m-xylene	232		200.0		116	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Two subsequent CCVs were analyzed with passing recovery.

Sample ID: 1254-CCV-34857D	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/28/2021	SeqNo: 1474481				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	238		200.0		119	30.2	155				
Surr: Tetrachloro-m-xylene	239		200.0		120	58.8	143				

Sample ID: 1254-CCV-34857D	SampType: CCV	Units: mg/Kg				Prep Date: 12/28/2021	RunNo: 72189				
Client ID: CCV	Batch ID: 34857					Analysis Date: 12/28/2021	SeqNo: 1474482				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.970	0.0500	1.000	0	97.0	80	120				
Surr: Decachlorobiphenyl	212		200.0		106	30.2	155				

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34857D	SampType: CCV	Units: mg/Kg			Prep Date: 12/28/2021	RunNo: 72189					
Client ID: CCV	Batch ID: 34857				Analysis Date: 12/28/2021	SeqNo: 1474482					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 231 200.0 115 58.8 143

Sample ID: 1254-CCV-34857E	SampType: CCV	Units: mg/Kg			Prep Date: 12/28/2021	RunNo: 72189					
Client ID: CCV	Batch ID: 34857				Analysis Date: 12/28/2021	SeqNo: 1474498					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 0.970 0.0500 1.000 0 97.0 80 120
 Surr: Decachlorobiphenyl 212 200.0 106 30.2 155
 Surr: Tetrachloro-m-xylene 231 200.0 115 58.8 143

Sample ID: 1660-CCV-38457E	SampType: CCV	Units: mg/Kg			Prep Date: 12/28/2021	RunNo: 72189					
Client ID: CCV	Batch ID: 34857				Analysis Date: 12/28/2021	SeqNo: 1474499					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 1.08 0.0500 1.000 0 108 80 120
 Aroclor 1260 1.13 0.0500 1.000 0 113 80 120
 Surr: Decachlorobiphenyl 230 200.0 115 30.2 155
 Surr: Tetrachloro-m-xylene 246 200.0 123 58.8 143

Sample ID: 1254-CCV-34857F	SampType: CCV	Units: mg/Kg			Prep Date: 12/28/2021	RunNo: 72189					
Client ID: CCV	Batch ID: 34857				Analysis Date: 12/28/2021	SeqNo: 1474501					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.08 0.0500 1.000 0 108 80 120
 Surr: Decachlorobiphenyl 233 200.0 116 30.2 155
 Surr: Tetrachloro-m-xylene 242 200.0 121 58.8 143

Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34857F		SampType: CCV		Units: mg/Kg		Prep Date: 12/28/2021		RunNo: 72189			
Client ID: CCV		Batch ID: 34857				Analysis Date: 12/28/2021		SeqNo: 1501869			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.20	0.0500	1.000	0	120	80	120				S
Aroclor 1260	1.24	0.0500	1.000	0	124	80	120				S
Surr: Decachlorobiphenyl	254		200.0		127	30.2	155				
Surr: Tetrachloro-m-xylene	256		200.0		128	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1660-CCV-34883A		SampType: CCV		Units: mg/Kg		Prep Date: 12/28/2021		RunNo: 72249			
Client ID: CCV		Batch ID: 34883				Analysis Date: 12/28/2021		SeqNo: 1475324			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.09	0.0500	1.000	0	109	80	120				
Aroclor 1260	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	232		200.0		116	30.2	155				
Surr: Tetrachloro-m-xylene	249		200.0		124	58.8	143				

Sample ID: 1254-CCV-34883A		SampType: CCV		Units: mg/Kg		Prep Date: 12/28/2021		RunNo: 72249			
Client ID: CCV		Batch ID: 34883				Analysis Date: 12/28/2021		SeqNo: 1475325			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.23	0.0500	1.000	0	123	80	120				S
Surr: Decachlorobiphenyl	247		200.0		124	30.2	155				
Surr: Tetrachloro-m-xylene	250		200.0		125	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: MB-34883		SampType: MBLK		Units: mg/Kg		Prep Date: 12/28/2021		RunNo: 72249			
Client ID: MBLKS		Batch ID: 34883				Analysis Date: 12/28/2021		SeqNo: 1475326			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34883	SampType: MBLK	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72249							
Client ID: MBLKS	Batch ID: 34883		Analysis Date: 12/28/2021	SeqNo: 1475326							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	270		200.0		135	25.9	167				
Surr: Tetrachloro-m-xylene	265		200.0		132	31.3	173				

Sample ID: LCS1-34883	SampType: LCS	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72249							
Client ID: LCSS	Batch ID: 34883		Analysis Date: 12/28/2021	SeqNo: 1475327							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.26	0.0500	1.000	0	126	54.1	142				
Aroclor 1260	1.29	0.0500	1.000	0	129	51.7	152				
Surr: Decachlorobiphenyl	273		200.0		136	25.9	167				
Surr: Tetrachloro-m-xylene	259		200.0		129	31.3	173				

Sample ID: 2112242-069AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/28/2021	RunNo: 72249							
Client ID: BATCH	Batch ID: 34883		Analysis Date: 12/28/2021	SeqNo: 1475334							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.43	0.0487	0.9734	0	147	26.5	166				
Aroclor 1260	1.25	0.0487	0.9734	0	129	29.2	168				
Surr: Decachlorobiphenyl	237		194.7		122	25.9	167				
Surr: Tetrachloro-m-xylene	267		194.7		137	31.3	173				



Date: 2/4/2022

Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112242-069AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/28/2021	RunNo: 72249							
Client ID: BATCH	Batch ID: 34883	Analysis Date: 12/28/2021	SeqNo: 1475334								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 2112242-069AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/28/2021	RunNo: 72249							
Client ID: BATCH	Batch ID: 34883	Analysis Date: 12/28/2021	SeqNo: 1475335								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.36	0.0492	0.9850	0	138	26.5	166	1.427	5.19	30	
Aroclor 1260	1.25	0.0492	0.9850	0	127	29.2	168	1.252	0.194	30	
Surr: Decachlorobiphenyl	205		197.0		104	25.9	167		0		
Surr: Tetrachloro-m-xylene	224		197.0		114	31.3	173		0		

Sample ID: LCS2-34883	SampType: LCS	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72249							
Client ID: LCSS	Batch ID: 34883	Analysis Date: 12/28/2021	SeqNo: 1475347								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.24	0.0500	1.000	0	124	55.9	156				
Surr: Decachlorobiphenyl	251		200.0		126	25.9	167				
Surr: Tetrachloro-m-xylene	269		200.0		135	31.3	173				

Sample ID: 1660-CCV-34883B	SampType: CCV	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72249							
Client ID: CCV	Batch ID: 34883	Analysis Date: 12/28/2021	SeqNo: 1475348								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.29	0.0500	1.000	0	129	80	120				S
Aroclor 1260	1.30	0.0500	1.000	0	130	80	120				S
Surr: Decachlorobiphenyl	268		200.0		134	30.2	155				
Surr: Tetrachloro-m-xylene	283		200.0		141	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34883B	SampType: CCV	Units: mg/Kg	Prep Date: 12/28/2021	RunNo: 72249							
Client ID: CCV	Batch ID: 34883		Analysis Date: 12/28/2021	SeqNo: 1475349							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.24	0.0500	1.000	0	124	80	120				S
Surr: Decachlorobiphenyl	236		200.0		118	30.2	155				
Surr: Tetrachloro-m-xylene	252		200.0		126	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: 1660-CCV-34883C	SampType: CCV	Units: mg/Kg	Prep Date: 12/29/2021	RunNo: 72249							
Client ID: CCV	Batch ID: 34883		Analysis Date: 12/29/2021	SeqNo: 1475650							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.08	0.0500	1.000	0	108	80	120				
Aroclor 1260	1.12	0.0500	1.000	0	112	80	120				
Surr: Decachlorobiphenyl	227		200.0		114	30.2	155				
Surr: Tetrachloro-m-xylene	236		200.0		118	58.8	143				

Sample ID: 1254-CCV-34883C	SampType: CCV	Units: mg/Kg	Prep Date: 12/29/2021	RunNo: 72249							
Client ID: CCV	Batch ID: 34883		Analysis Date: 12/29/2021	SeqNo: 1475651							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.13	0.0500	1.000	0	113	80	120				
Surr: Decachlorobiphenyl	230		200.0		115	30.2	155				
Surr: Tetrachloro-m-xylene	213		200.0		106	58.8	143				

Sample ID: 1660-CCV-34883D	SampType: CCV	Units: mg/Kg	Prep Date: 12/29/2021	RunNo: 72249							
Client ID: CCV	Batch ID: 34883		Analysis Date: 12/29/2021	SeqNo: 1475668							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.15	0.0500	1.000	0	115	80	120				
Aroclor 1260	1.19	0.0500	1.000	0	119	80	120				
Surr: Decachlorobiphenyl	245		200.0		123	30.2	155				

Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34883D	SampType: CCV	Units: mg/Kg			Prep Date: 12/29/2021	RunNo: 72249					
Client ID: CCV	Batch ID: 34883				Analysis Date: 12/29/2021	SeqNo: 1475668					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 253 200.0 127 58.8 143

Sample ID: 1254-CCV-34883D	SampType: CCV	Units: mg/Kg			Prep Date: 12/29/2021	RunNo: 72249					
Client ID: CCV	Batch ID: 34883				Analysis Date: 12/29/2021	SeqNo: 1475669					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.13 0.0500 1.000 0 113 80 120
Surr: Decachlorobiphenyl 216 200.0 108 30.2 155
Surr: Tetrachloro-m-xylene 231 200.0 115 58.8 143

Sample ID: 1660-CCV-34910A	SampType: CCV	Units: mg/Kg			Prep Date: 12/30/2021	RunNo: 72303					
Client ID: CCV	Batch ID: 34910				Analysis Date: 12/30/2021	SeqNo: 1476451					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 0.918 0.0500 1.000 0 91.8 80 120
Aroclor 1260 0.876 0.0500 1.000 0 87.6 80 120
Surr: Decachlorobiphenyl 259 200.0 130 30.2 155
Surr: Tetrachloro-m-xylene 220 200.0 110 58.8 143

Sample ID: 1254-CCV-34910A	SampType: CCV	Units: mg/Kg			Prep Date: 12/30/2021	RunNo: 72303					
Client ID: CCV	Batch ID: 34910				Analysis Date: 12/30/2021	SeqNo: 1476452					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.07 0.0500 1.000 0 107 80 120
Surr: Decachlorobiphenyl 236 200.0 118 30.2 155
Surr: Tetrachloro-m-xylene 203 200.0 101 58.8 143

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34910	SampType: MBLK	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: MBLKS	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476453							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	251		200.0		125	25.9	167				
Surr: Tetrachloro-m-xylene	245		200.0		123	31.3	173				

Sample ID: LCS1-34910	SampType: LCS	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: LCSS	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476454							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.24	0.0500	1.000	0	124	54.1	142				
Aroclor 1260	1.26	0.0500	1.000	0	126	51.7	152				
Surr: Decachlorobiphenyl	261		200.0		130	25.9	167				
Surr: Tetrachloro-m-xylene	261		200.0		131	31.3	173				

Sample ID: LCS2-34910	SampType: LCS	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: LCSS	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476455							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.12	0.0500	1.000	0	112	55.9	156				
Surr: Decachlorobiphenyl	248		200.0		124	25.9	167				
Surr: Tetrachloro-m-xylene	263		200.0		132	31.3	173				

Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS2-34910	SampType: LCS	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: LCSS	Batch ID: 34910	Analysis Date: 12/30/2021	SeqNo: 1476455								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 2112277-019AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: A4-SIDE69:1.5	Batch ID: 34910	Analysis Date: 12/30/2021	SeqNo: 1476457								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.968	0.0435	0.8690	0	111	26.5	166				
Aroclor 1260	1.35	0.0435	0.8690	0	155	29.2	168				
Surr: Decachlorobiphenyl	222		173.8		128	25.9	167				
Surr: Tetrachloro-m-xylene	233		173.8		134	31.3	173				

Sample ID: 2112277-019AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: A4-SIDE69:1.5	Batch ID: 34910	Analysis Date: 12/30/2021	SeqNo: 1476458								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.05	0.0436	0.8724	0	121	26.5	166	0.9680	8.30	30	
Aroclor 1260	1.11	0.0436	0.8724	0	127	29.2	168	1.345	19.2	30	
Surr: Decachlorobiphenyl	216		174.5		124	25.9	167		0		
Surr: Tetrachloro-m-xylene	213		174.5		122	31.3	173		0		

Sample ID: 1660-CCV-34910B	SampType: CCV	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: CCV	Batch ID: 34910	Analysis Date: 12/30/2021	SeqNo: 1476472								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.14	0.0500	1.000	0	114	80	120				
Aroclor 1260	1.14	0.0500	1.000	0	114	80	120				
Surr: Decachlorobiphenyl	233		200.0		117	30.2	155				
Surr: Tetrachloro-m-xylene	279		200.0		140	58.8	143				

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34910B	SampType: CCV	Units: mg/Kg				Prep Date: 12/30/2021	RunNo: 72303				
Client ID: CCV	Batch ID: 34910					Analysis Date: 12/30/2021	SeqNo: 1476473				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.13	0.0500	1.000	0	113	80	120				
Surr: Decachlorobiphenyl	236		200.0		118	30.2	155				
Surr: Tetrachloro-m-xylene	261		200.0		131	58.8	143				

Sample ID: 1660-CCV-34931A	SampType: CCV	Units: mg/Kg				Prep Date: 1/5/2022	RunNo: 72381				
Client ID: CCV	Batch ID: 34931					Analysis Date: 1/5/2022	SeqNo: 1477865				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.957	0.0500	1.000	0	95.7	80	120				
Aroclor 1260	1.04	0.0500	1.000	0	104	80	120				
Surr: Decachlorobiphenyl	175		200.0		87.6	30.2	155				
Surr: Tetrachloro-m-xylene	173		200.0		86.5	58.8	143				

Sample ID: 1254-CCV-34931A	SampType: CCV	Units: mg/Kg				Prep Date: 1/5/2022	RunNo: 72381				
Client ID: CCV	Batch ID: 34931					Analysis Date: 1/5/2022	SeqNo: 1477866				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.874	0.0500	1.000	0	87.4	80	120				
Surr: Decachlorobiphenyl	158		200.0		79.1	30.2	155				
Surr: Tetrachloro-m-xylene	175		200.0		87.4	58.8	143				

Sample ID: MB-34931	SampType: MBLK	Units: mg/Kg				Prep Date: 1/4/2022	RunNo: 72381				
Client ID: MBLKS	Batch ID: 34931					Analysis Date: 1/5/2022	SeqNo: 1477867				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34931	SampType: MBLK	Units: mg/Kg				Prep Date: 1/4/2022	RunNo: 72381				
Client ID: MBLKS	Batch ID: 34931					Analysis Date: 1/5/2022	SeqNo: 1477867				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	172		200.0		86.1	25.9	167				
Surr: Tetrachloro-m-xylene	212		200.0		106	31.3	173				

Sample ID: LCS1-34931	SampType: LCS	Units: mg/Kg				Prep Date: 1/4/2022	RunNo: 72381				
Client ID: LCSS	Batch ID: 34931					Analysis Date: 1/5/2022	SeqNo: 1477868				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.19	0.0500	1.000	0	119	54.1	142				
Aroclor 1260	1.26	0.0500	1.000	0	126	51.7	152				
Surr: Decachlorobiphenyl	226		200.0		113	25.9	167				
Surr: Tetrachloro-m-xylene	223		200.0		112	31.3	173				

Sample ID: LCS2-34931	SampType: LCS	Units: mg/Kg				Prep Date: 1/4/2022	RunNo: 72381				
Client ID: LCSS	Batch ID: 34931					Analysis Date: 1/5/2022	SeqNo: 1477869				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.00	0.0500	1.000	0	100	55.9	156				
Surr: Decachlorobiphenyl	187		200.0		93.3	25.9	167				
Surr: Tetrachloro-m-xylene	208		200.0		104	31.3	173				

Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112301-003AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/4/2022	RunNo: 72381							
Client ID: BATCH	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477871							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.74	0.0551	1.102	0	158	26.5	166				
Aroclor 1260	1.89	0.0551	1.102	0	171	29.2	168				S
Surr: Decachlorobiphenyl	267		220.4		121	25.9	167				
Surr: Tetrachloro-m-xylene	290		220.4		132	31.3	173				

NOTES:

S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID: 2112301-003AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/4/2022	RunNo: 72381							
Client ID: BATCH	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477872							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.66	0.0532	1.064	0	156	26.5	166	1.739	4.65	30	
Aroclor 1260	1.81	0.0532	1.064	0	170	29.2	168	1.890	4.11	30	S
Surr: Decachlorobiphenyl	203		212.8		95.4	25.9	167		0		
Surr: Tetrachloro-m-xylene	225		212.8		106	31.3	173		0		

NOTES:

S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID: 1660-CCV-34931B	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72381							
Client ID: CCV	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477879							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.28	0.0500	1.000	0	128	80	120				S
Aroclor 1260	1.33	0.0500	1.000	0	133	80	120				S
Surr: Decachlorobiphenyl	232		200.0		116	30.2	155				
Surr: Tetrachloro-m-xylene	259		200.0		129	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34931B	SampType: CCV	Units: mg/Kg				Prep Date: 1/5/2022	RunNo: 72381				
Client ID: CCV	Batch ID: 34931					Analysis Date: 1/5/2022	SeqNo: 1477881				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.10	0.0500	1.000	0	110	80	120				
Surr: Decachlorobiphenyl	179		200.0		89.4	30.2	155				
Surr: Tetrachloro-m-xylene	217		200.0		109	58.8	143				

Sample ID: 1254-CCV-34931C	SampType: CCV	Units: mg/Kg				Prep Date: 1/5/2022	RunNo: 72381				
Client ID: CCV	Batch ID: 34931					Analysis Date: 1/5/2022	SeqNo: 1477882				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.11	0.0500	1.000	0	111	80	120				
Surr: Decachlorobiphenyl	196		200.0		97.8	30.2	155				
Surr: Tetrachloro-m-xylene	216		200.0		108	58.8	143				

Sample ID: 1660-CCV-34931C	SampType: CCV	Units: mg/Kg				Prep Date: 1/5/2022	RunNo: 72381				
Client ID: CCV	Batch ID: 34931					Analysis Date: 1/5/2022	SeqNo: 1477883				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.32	0.0500	1.000	0	132	80	120				S
Aroclor 1260	1.37	0.0500	1.000	0	137	80	120				S
Surr: Decachlorobiphenyl	209		200.0		105	30.2	155				
Surr: Tetrachloro-m-xylene	232		200.0		116	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1660-CCV-34931D	SampType: CCV	Units: mg/Kg				Prep Date: 1/5/2022	RunNo: 72381				
Client ID: CCV	Batch ID: 34931					Analysis Date: 1/5/2022	SeqNo: 1477899				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.911	0.0500	1.000	0	91.1	80	120				
Aroclor 1260	0.806	0.0500	1.000	0	80.6	80	120				
Surr: Decachlorobiphenyl	119		200.0		59.5	30.2	155				

Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34931D	SampType: CCV	Units: mg/Kg			Prep Date: 1/5/2022	RunNo: 72381					
Client ID: CCV	Batch ID: 34931				Analysis Date: 1/5/2022	SeqNo: 1477899					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 187 200.0 93.7 58.8 143

Sample ID: 1254-CCV-34931D	SampType: CCV	Units: mg/Kg			Prep Date: 1/5/2022	RunNo: 72381					
Client ID: CCV	Batch ID: 34931				Analysis Date: 1/5/2022	SeqNo: 1477886					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 0.876 0.0500 1.000 0 87.6 80 120
Surr: Decachlorobiphenyl 130 200.0 65.1 30.2 155
Surr: Tetrachloro-m-xylene 198 200.0 98.9 58.8 143

Sample ID: 1660-CCV-34958A	SampType: CCV	Units: mg/Kg			Prep Date: 1/6/2022	RunNo: 72431					
Client ID: CCV	Batch ID: 34958				Analysis Date: 1/6/2022	SeqNo: 1478699					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 1.29 0.0500 1.000 0 129 80 120 S
Aroclor 1260 1.38 0.0500 1.000 0 138 80 120 S
Surr: Decachlorobiphenyl 230 200.0 115 30.2 155
Surr: Tetrachloro-m-xylene 248 200.0 124 58.8 143

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect; result meets QC requirements.

Sample ID: 1254-CCV-34958A	SampType: CCV	Units: mg/Kg			Prep Date: 1/6/2022	RunNo: 72431					
Client ID: CCV	Batch ID: 34958				Analysis Date: 1/6/2022	SeqNo: 1478700					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.16 0.0500 1.000 0 116 80 120
Surr: Decachlorobiphenyl 203 200.0 102 30.2 155
Surr: Tetrachloro-m-xylene 228 200.0 114 58.8 143

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 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34958	SampType: MBLK	Units: mg/Kg	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: MBLKS	Batch ID: 34958		Analysis Date: 1/6/2022	SeqNo: 1478701							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	212		200.0		106	25.9	167				
Surr: Tetrachloro-m-xylene	229		200.0		115	31.3	173				

Sample ID: LCS1-34958	SampType: LCS	Units: mg/Kg	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: LCSS	Batch ID: 34958		Analysis Date: 1/6/2022	SeqNo: 1478702							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.16	0.0500	1.000	0	116	54.1	142				
Aroclor 1260	1.20	0.0500	1.000	0	120	51.7	152				
Surr: Decachlorobiphenyl	213		200.0		106	25.9	167				
Surr: Tetrachloro-m-xylene	228		200.0		114	31.3	173				

Sample ID: LCS2-34958	SampType: LCS	Units: mg/Kg	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: LCSS	Batch ID: 34958		Analysis Date: 1/6/2022	SeqNo: 1478703							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.02	0.0500	1.000	0	102	55.9	156				
Surr: Decachlorobiphenyl	189		200.0		94.4	25.9	167				
Surr: Tetrachloro-m-xylene	210		200.0		105	31.3	173				

Work Order: 2112277
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS2-34958	SampType: LCS	Units: mg/Kg	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: LCSS	Batch ID: 34958	Analysis Date: 1/6/2022	SeqNo: 1478703								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 2112301-004AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: BATCH	Batch ID: 34958	Analysis Date: 1/6/2022	SeqNo: 1478705								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.43	0.0610	1.220	0	117	26.5	166				
Aroclor 1260	1.41	0.0610	1.220	0	116	29.2	168				
Surr: Decachlorobiphenyl	98.3		244.0		40.3	25.9	167				
Surr: Tetrachloro-m-xylene	138		244.0		56.6	31.3	173				

Sample ID: 2112301-004AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: BATCH	Batch ID: 34958	Analysis Date: 1/6/2022	SeqNo: 1478706								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.44	0.0596	1.193	0	121	26.5	166	1.427	0.938	30	
Aroclor 1260	1.42	0.0596	1.193	0	119	29.2	168	1.411	0.806	30	
Surr: Decachlorobiphenyl	265		238.6		111	25.9	167		0		
Surr: Tetrachloro-m-xylene	367		238.6		154	31.3	173		0		

Sample ID: 1660-CCV-34958B	SampType: CCV	Units: mg/Kg	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: CCV	Batch ID: 34958	Analysis Date: 1/6/2022	SeqNo: 1478708								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.16	0.0500	1.000	0	116	80	120				
Aroclor 1260	1.17	0.0500	1.000	0	117	80	120				
Surr: Decachlorobiphenyl	193		200.0		96.3	30.2	155				
Surr: Tetrachloro-m-xylene	231		200.0		116	58.8	143				

Work Order: 2112277
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34958B	SampType: CCV	Units: mg/Kg	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: CCV	Batch ID: 34958		Analysis Date: 1/6/2022	SeqNo: 1478709							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.06	0.0500	1.000	0	106	80	120				
Surr: Decachlorobiphenyl	184		200.0		91.8	30.2	155				
Surr: Tetrachloro-m-xylene	220		200.0		110	58.8	143				

Sample ID: 1660-CCV-34986A	SampType: CCV	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: CCV	Batch ID: 34986		Analysis Date: 1/10/2022	SeqNo: 1480013							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.13	0.0500	1.000	0	113	80	120				
Aroclor 1260	1.12	0.0500	1.000	0	112	80	120				
Surr: Decachlorobiphenyl	185		200.0		92.6	30.2	155				
Surr: Tetrachloro-m-xylene	223		200.0		111	58.8	143				

Sample ID: 1254-CCV-34986A	SampType: CCV	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: CCV	Batch ID: 34986		Analysis Date: 1/10/2022	SeqNo: 1480014							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.03	0.0500	1.000	0	103	80	120				
Surr: Decachlorobiphenyl	183		200.0		91.3	30.2	155				
Surr: Tetrachloro-m-xylene	220		200.0		110	58.8	143				

Sample ID: MB-34986	SampType: MBLK	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: MBLKS	Batch ID: 34986		Analysis Date: 1/10/2022	SeqNo: 1480034							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34986	SampType: MBLK	Units: mg/Kg			Prep Date: 1/10/2022	RunNo: 72513					
Client ID: MBLKS	Batch ID: 34986				Analysis Date: 1/10/2022	SeqNo: 1480034					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	210		200.0		105	25.9	167				
Surr: Tetrachloro-m-xylene	238		200.0		119	31.3	173				

Sample ID: LCS1-34986	SampType: LCS	Units: mg/Kg			Prep Date: 1/10/2022	RunNo: 72513					
Client ID: LCSS	Batch ID: 34986				Analysis Date: 1/10/2022	SeqNo: 1480015					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.15	0.0500	1.000	0	115	54.1	142				
Aroclor 1260	1.19	0.0500	1.000	0	119	51.7	152				
Surr: Decachlorobiphenyl	207		200.0		103	25.9	167				
Surr: Tetrachloro-m-xylene	226		200.0		113	31.3	173				

Sample ID: LCS2-34986	SampType: LCS	Units: mg/Kg			Prep Date: 1/10/2022	RunNo: 72513					
Client ID: LCSS	Batch ID: 34986				Analysis Date: 1/10/2022	SeqNo: 1480016					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.04	0.0500	1.000	0	104	55.9	156				
Surr: Decachlorobiphenyl	187		200.0		93.5	25.9	167				
Surr: Tetrachloro-m-xylene	206		200.0		103	31.3	173				

Work Order: 2112277
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112242-045AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: BATCH	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480018				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.27	0.0449	0.8971	0	141	26.5	166				
Aroclor 1260	1.02	0.0449	0.8971	0	114	29.2	168				
Surr: Decachlorobiphenyl	153		179.4		85.2	25.9	167				
Surr: Tetrachloro-m-xylene	170		179.4		95.0	31.3	173				

Sample ID: 2112242-045AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: BATCH	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480019				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.976	0.0451	0.9021	0	108	26.5	166	1.268	26.0	30	
Aroclor 1260	0.894	0.0451	0.9021	0	99.1	29.2	168	1.021	13.3	30	
Surr: Decachlorobiphenyl	143		180.4		79.0	25.9	167		0		
Surr: Tetrachloro-m-xylene	174		180.4		96.4	31.3	173		0		

Sample ID: 1660-CCV-34986B	SampType: CCV	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: CCV	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480026				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.19	0.0500	1.000	0	119	80	120				
Aroclor 1260	1.19	0.0500	1.000	0	119	80	120				
Surr: Decachlorobiphenyl	189		200.0		94.6	30.2	155				
Surr: Tetrachloro-m-xylene	228		200.0		114	58.8	143				

Sample ID: 1254-CCV-34986B	SampType: CCV	Units: mg/Kg				Prep Date: 1/10/2022	RunNo: 72513				
Client ID: CCV	Batch ID: 34986					Analysis Date: 1/10/2022	SeqNo: 1480027				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.11	0.0500	1.000	0	111	80	120				
Surr: Decachlorobiphenyl	185		200.0		92.7	30.2	155				

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CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34986B	SampType: CCV	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: CCV	Batch ID: 34986		Analysis Date: 1/10/2022	SeqNo: 1480027							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene	231		200.0		115	58.8	143				

Sample ID: 1660-CCV-35039A	SampType: CCV	Units: mg/Kg	Prep Date: 1/17/2022	RunNo: 72588							
Client ID: CCV	Batch ID: 35039		Analysis Date: 1/17/2022	SeqNo: 1481389							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.861	0.0500	1.000	0	86.1	80	120				
Aroclor 1260	0.842	0.0500	1.000	0	84.2	80	120				
Surr: Decachlorobiphenyl	126		200.0		62.8	30.2	155				
Surr: Tetrachloro-m-xylene	195		200.0		97.4	58.8	143				

Sample ID: 1254-CCV-35039A	SampType: CCV	Units: mg/Kg	Prep Date: 1/17/2022	RunNo: 72588							
Client ID: CCV	Batch ID: 35039		Analysis Date: 1/17/2022	SeqNo: 1481390							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.843	0.0500	1.000	0	84.3	80	120				
Surr: Decachlorobiphenyl	120		200.0		60.1	30.2	155				
Surr: Tetrachloro-m-xylene	182		200.0		91.1	58.8	143				

Sample ID: MB-35039	SampType: MBLK	Units: mg/Kg	Prep Date: 1/17/2022	RunNo: 72588							
Client ID: MBLKS	Batch ID: 35039		Analysis Date: 1/17/2022	SeqNo: 1481391							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-35039	SampType: MBLK	Units: mg/Kg				Prep Date: 1/17/2022	RunNo: 72588				
Client ID: MBLKS	Batch ID: 35039					Analysis Date: 1/17/2022	SeqNo: 1481391				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	138		200.0		68.8	25.9	167				
Surr: Tetrachloro-m-xylene	181		200.0		90.6	31.3	173				

Sample ID: LCS1-35039	SampType: LCS	Units: mg/Kg				Prep Date: 1/17/2022	RunNo: 72588				
Client ID: LCSS	Batch ID: 35039					Analysis Date: 1/17/2022	SeqNo: 1481392				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.915	0.0500	1.000	0	91.5	54.1	142				
Aroclor 1260	0.853	0.0500	1.000	0	85.3	51.7	152				
Surr: Decachlorobiphenyl	146		200.0		73.2	25.9	167				
Surr: Tetrachloro-m-xylene	195		200.0		97.7	31.3	173				

Sample ID: LCS2-35039	SampType: LCS	Units: mg/Kg				Prep Date: 1/17/2022	RunNo: 72588				
Client ID: LCSS	Batch ID: 35039					Analysis Date: 1/17/2022	SeqNo: 1481393				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.856	0.0500	1.000	0	85.6	55.9	156				
Surr: Decachlorobiphenyl	135		200.0		67.4	25.9	167				
Surr: Tetrachloro-m-xylene	182		200.0		90.9	31.3	173				

Sample ID: 2201187-004AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/17/2022	RunNo: 72588				
Client ID: BATCH	Batch ID: 35039					Analysis Date: 1/17/2022	SeqNo: 1481395				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.589	0.0368	0.7352	0	80.2	26.5	166				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2201187-004AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/17/2022	RunNo: 72588				
Client ID: BATCH	Batch ID: 35039					Analysis Date: 1/17/2022	SeqNo: 1481395				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1260	0.584	0.0368	0.7352	0	79.5	29.2	168				
Surr: Decachlorobiphenyl	94.4		147.0		64.2	25.9	167				
Surr: Tetrachloro-m-xylene	112		147.0		76.4	31.3	173				

Sample ID: 1660-CCV-35039B	SampType: CCV	Units: mg/Kg				Prep Date: 1/17/2022	RunNo: 72588				
Client ID: CCV	Batch ID: 35039					Analysis Date: 1/17/2022	SeqNo: 1481399				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.937	0.0500	1.000	0	93.7	80	120				
Aroclor 1260	0.964	0.0500	1.000	0	96.4	80	120				
Surr: Decachlorobiphenyl	162		200.0		81.0	30.2	155				
Surr: Tetrachloro-m-xylene	206		200.0		103	58.8	143				

Sample ID: 1254-CCV-35039B	SampType: CCV	Units: mg/Kg				Prep Date: 1/17/2022	RunNo: 72588				
Client ID: CCV	Batch ID: 35039					Analysis Date: 1/17/2022	SeqNo: 1481400				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.904	0.0500	1.000	0	90.4	80	120				
Surr: Decachlorobiphenyl	151		200.0		75.3	30.2	155				
Surr: Tetrachloro-m-xylene	191		200.0		95.4	58.8	143				

Sample ID: 1660-CCV-35055A	SampType: CCV	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72676				
Client ID: CCV	Batch ID: 35055					Analysis Date: 1/18/2022	SeqNo: 1483240				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.00	0.0500	1.000	0	100	80	120				
Aroclor 1260	1.04	0.0500	1.000	0	104	80	120				
Surr: Decachlorobiphenyl	166		200.0		83.1	30.2	155				
Surr: Tetrachloro-m-xylene	209		200.0		105	58.8	143				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-35055A	SampType: CCV	Units: mg/Kg	Prep Date: 1/18/2022	RunNo: 72676							
Client ID: CCV	Batch ID: 35055		Analysis Date: 1/18/2022	SeqNo: 1483240							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1254-CCV-35055A	SampType: CCV	Units: mg/Kg	Prep Date: 1/18/2022	RunNo: 72676							
Client ID: CCV	Batch ID: 35055		Analysis Date: 1/18/2022	SeqNo: 1483241							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.978	0.0500	1.000	0	97.8	80	120				
Surr: Decachlorobiphenyl	152		200.0		76.0	30.2	155				
Surr: Tetrachloro-m-xylene	191		200.0		95.6	58.8	143				

Sample ID: MB-35055	SampType: MBLK	Units: mg/Kg	Prep Date: 1/18/2022	RunNo: 72676							
Client ID: MBLKS	Batch ID: 35055		Analysis Date: 1/18/2022	SeqNo: 1483242							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	195		200.0		97.7	25.9	167				
Surr: Tetrachloro-m-xylene	236		200.0		118	31.3	173				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1-35055	SampType: LCS	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72676				
Client ID: LCSS	Batch ID: 35055					Analysis Date: 1/18/2022	SeqNo: 1483243				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.11	0.0500	1.000	0	111	54.1	142				
Aroclor 1260	1.19	0.0500	1.000	0	119	51.7	152				
Surr: Decachlorobiphenyl	197		200.0		98.5	25.9	167				
Surr: Tetrachloro-m-xylene	224		200.0		112	31.3	173				

Sample ID: LCS2-35055	SampType: LCS	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72676				
Client ID: LCSS	Batch ID: 35055					Analysis Date: 1/18/2022	SeqNo: 1483244				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.15	0.0500	1.000	0	115	55.9	156				
Surr: Decachlorobiphenyl	191		200.0		95.4	25.9	167				
Surr: Tetrachloro-m-xylene	229		200.0		115	31.3	173				

Sample ID: LCS1D-35055	SampType: LCS D	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72676				
Client ID: LCSS02	Batch ID: 35055					Analysis Date: 1/18/2022	SeqNo: 1483245				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.30	0.0500	1.000	0	130	54.1	142	1.111	15.4	20	
Aroclor 1260	1.37	0.0500	1.000	0	137	51.7	152	1.193	13.9	20	
Surr: Decachlorobiphenyl	206		200.0		103	25.9	167		0		
Surr: Tetrachloro-m-xylene	238		200.0		119	31.3	173		0		

Sample ID: 1660-CCV-35055B	SampType: CCV	Units: mg/Kg				Prep Date: 1/18/2022	RunNo: 72676				
Client ID: CCV	Batch ID: 35055					Analysis Date: 1/18/2022	SeqNo: 1483248				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.13	0.0500	1.000	0	113	80	120				
Aroclor 1260	1.26	0.0500	1.000	0	126	80	120				S
Surr: Decachlorobiphenyl	219		200.0		110	30.2	155				

Work Order: 2112277
 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-35055B	SampType: CCV	Units: mg/Kg	Prep Date: 1/18/2022	RunNo: 72676							
Client ID: CCV	Batch ID: 35055		Analysis Date: 1/18/2022	SeqNo: 1483248							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 237 200.0 118 58.8 143

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1254-CCV-35055B	SampType: CCV	Units: mg/Kg	Prep Date: 1/18/2022	RunNo: 72676							
Client ID: CCV	Batch ID: 35055		Analysis Date: 1/18/2022	SeqNo: 1483249							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.18 0.0500 1.000 0 118 80 120
 Surr: Decachlorobiphenyl 201 200.0 101 30.2 155
 Surr: Tetrachloro-m-xylene 232 200.0 116 58.8 143

Sample ID: 1660-CCV-35012A	SampType: CCV	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: CCV	Batch ID: 35102		Analysis Date: 1/21/2022	SeqNo: 1484295							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 0.999 0.0500 1.000 0 99.9 80 120
 Aroclor 1260 1.02 0.0500 1.000 0 102 80 120
 Surr: Decachlorobiphenyl 199 200.0 99.5 30.2 155
 Surr: Tetrachloro-m-xylene 213 200.0 107 58.8 143

Sample ID: 1254-CCV-35012A	SampType: CCV	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: CCV	Batch ID: 35102		Analysis Date: 1/21/2022	SeqNo: 1484296							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 0.961 0.0500 1.000 0 96.1 80 120
 Surr: Decachlorobiphenyl 183 200.0 91.5 30.2 155
 Surr: Tetrachloro-m-xylene 204 200.0 102 58.8 143

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-35102	SampType: MBLK	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: MBLKS	Batch ID: 35102	Analysis Date: 1/21/2022	SeqNo: 1484297								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	197		200.0		98.7	25.9	167				
Surr: Tetrachloro-m-xylene	238		200.0		119	31.3	173				

Sample ID: LCS1-35102	SampType: LCS	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: LCSS	Batch ID: 35102	Analysis Date: 1/21/2022	SeqNo: 1484298								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.23	0.0500	1.000	0	123	54.1	142				
Aroclor 1260	1.31	0.0500	1.000	0	131	51.7	152				
Surr: Decachlorobiphenyl	229		200.0		114	25.9	167				
Surr: Tetrachloro-m-xylene	237		200.0		119	31.3	173				

Sample ID: LCS2-35102	SampType: LCS	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: LCSS	Batch ID: 35102	Analysis Date: 1/21/2022	SeqNo: 1484299								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.07	0.0500	1.000	0	107	55.9	156				
Surr: Decachlorobiphenyl	201		200.0		101	25.9	167				
Surr: Tetrachloro-m-xylene	223		200.0		111	31.3	173				

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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS2-35102	SampType: LCS	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: LCSS	Batch ID: 35102	Analysis Date: 1/21/2022	SeqNo: 1484299								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 2201269-001AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: BATCH	Batch ID: 35102	Analysis Date: 1/21/2022	SeqNo: 1484301								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.30	0.0543	1.085	0	120	26.5	166				
Aroclor 1260	1.21	0.0543	1.085	0	111	29.2	168				
Surr: Decachlorobiphenyl	171		217.1		79.0	25.9	167				
Surr: Tetrachloro-m-xylene	228		217.1		105	31.3	173				

Sample ID: 2201269-001AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: BATCH	Batch ID: 35102	Analysis Date: 1/21/2022	SeqNo: 1484302								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.34	0.0524	1.049	0	128	26.5	166	1.299	3.07	30	
Aroclor 1260	1.31	0.0524	1.049	0	125	29.2	168	1.210	7.65	30	
Surr: Decachlorobiphenyl	171		209.8		81.6	25.9	167		0		
Surr: Tetrachloro-m-xylene	243		209.8		116	31.3	173		0		

Sample ID: 1660-CCV-35012B	SampType: CCV	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: CCV	Batch ID: 35102	Analysis Date: 1/21/2022	SeqNo: 1484308								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.06	0.0500	1.000	0	106	80	120				
Aroclor 1260	1.06	0.0500	1.000	0	106	80	120				
Surr: Decachlorobiphenyl	188		200.0		93.9	30.2	155				
Surr: Tetrachloro-m-xylene	225		200.0		113	58.8	143				

Work Order: 2112277
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-35012B	SampType: CCV	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: CCV	Batch ID: 35102		Analysis Date: 1/21/2022	SeqNo: 1484309							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.06	0.0500	1.000	0	106	80	120				
Surr: Decachlorobiphenyl	185		200.0		92.4	30.2	155				
Surr: Tetrachloro-m-xylene	221		200.0		110	58.8	143				

Client Name: **SW**
 Logged by: **Gabrielle Coeulle**

 Work Order Number: **2112277**
 Date Received: **12/16/2021 8:30:00 AM**
Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >2°C to 6°C * Yes No NA
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Sample 1	5.6

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 12/15/2021 Page: 1 of 8
Project Name: 8801 - Remediation

Laboratory Project No (Internal): 21122977
Special Remarks: O = Hold Analysis

Client: Shannon & Wilson Inc.
Address: 400 N 34th St, Suite 1003
City, State, Zip: Seattle, WA 98103

Project No: 21-1-12567-030
Collected by: PMV
Location: Tukwila, WA

X - add per MS, 2 Day, 12/20/21 -CG
X = run per CTC, 2 day 12/21/21 -CG
X = run per MS, 2 Day, 12/22/21 -CG

Telephone: Report To (PM): Mes Strong
PM Email: mes@shannonwilson.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	Analytes												Turn-around Time:	
					VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6010 / 200.8)	Total (T) Dissolved (D)	Anions (IC)**	EDB (8011)		Other
1 AY-SIDEUS-2	12/15	0950	S	1														X = run per MS, 2 Day, 12/27/21 -BB
2 AY-SIDEUS-5		0953																X = run per MS, 2 Day, 12/27/21 -BB
3 AY-SIDEUS-6		0954																X = run per MS, 2 Day, 12/27/21 -BB
4 AY-SIDEUS-7		0959																X = run per MS, 2 Day, 12/27/21 -BB
5 AY-SIDEUS-8		1000																X = run per MS, 2 Day, 12/27/21 -BB
6 AY-SIDEUS-9		1001																X = run per MS, 2 Day, 12/27/21 -BB
7 AY-SIDEUS-10		1005																X = run per MS, 2 Day, 12/27/21 -BB
8 AY-SIDEUS-11		1006																X = run per MS, 2 Day, 12/27/21 -BB
9 AY-SIDEUS-12		1007																X = run per MS, 2 Day, 12/27/21 -BB
10 AY-SIDEUS-13		1010																X = run per MS, 2 Day, 12/27/21 -BB

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water
 **Metals (Circle): MICA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sp Se Sr Sn Tl Tl V Zn
 ***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate/Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature) Christian Canfield Date/Time 12/15/21 Received (Signature) Justine Martz Date/Time 12/16 8:30
 Relinquished (Signature) Print Name Date/Time Received (Signature) Print Name Date/Time

DATA SET for Review -- Deliverable Requirements

Polychlorinated Biphenyls (PCB) by EPA 8082

Fremont Analytical Work Order No. 2112277

Shannon & Wilson

Project Name: 8801- Remediation

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information

Data Directory: D:\GC-16\Data\2021\111721\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 111701.D CO	8081_8082A_608.M	6	1.000	17 Nov 2021 09:26 am
2) 111702.D 1660 10	8081_8082A_608.M	11	1.000	17 Nov 2021 09:36 am
3) 111703.D 1660 20	8081_8082A_608.M	12	1.000	17 Nov 2021 09:45 am
4) 111704.D 1660 50	8081_8082A_608.M	13	1.000	17 Nov 2021 09:55 am
5) 111705.D 1660 100	8081_8082A_608.M	14	1.000	17 Nov 2021 10:05 am
6) 111706.D 1660 200	8081_8082A_608.M	15	1.000	17 Nov 2021 10:15 am
7) 111707.D 1660 500	8081_8082A_608.M	16	1.000	17 Nov 2021 10:24 am
8) 111708.D 1660 1000	8081_8082A_608.M	17	1.000	17 Nov 2021 10:34 am
9) 111709.D 1660 2000	8081_8082A_608.M	18	1.000	17 Nov 2021 10:44 am
10) 111710.D 1660 ICB	8081_8082A_608.M	19	1.000	17 Nov 2021 10:53 am
11) 111711.D 1660 ICV	8081_8082A_608.M	20	1.000	17 Nov 2021 11:03 am
12) 111712.D 1254 10	8081_8082A_608.M	21	1.000	17 Nov 2021 11:13 am
13) 111713.D 1254 20	8081_8082A_608.M	22	1.000	17 Nov 2021 11:22 am
14) 111714.D 1254 50	8081_8082A_608.M	23	1.000	17 Nov 2021 11:32 am
15) 111715.D 1254 100	8081_8082A_608.M	24	1.000	17 Nov 2021 11:42 am
16) 111716.D 1254 200	8081_8082A_608.M	25	1.000	17 Nov 2021 11:52 am
17) 111717.D 1254 500	8081_8082A_608.M	26	1.000	17 Nov 2021 12:01 pm
18) 111718.D 1254 1000	8081_8082A_608.M	27	1.000	17 Nov 2021 12:11 pm
19) 111719.D 1254 2000	8081_8082A_608.M	28	1.000	17 Nov 2021 12:21 pm
20) 111720.D 1254 ICB	8081_8082A_608.M	29	1.000	17 Nov 2021 12:30 pm
21) 111721.D 1254 ICV	8081_8082A_608.M	30	1.000	17 Nov 2021 12:40 pm

22)	111722.D	8081_8082A_608.M	31	1.000	17 Nov 2021	12:50	pm
1221	10						
23)	111723.D	8081_8082A_608.M	32	1.000	17 Nov 2021	01:00	pm
1221	20						
24)	111724.D	8081_8082A_608.M	33	1.000	17 Nov 2021	01:09	pm
1221	50						
25)	111725.D	8081_8082A_608.M	34	1.000	17 Nov 2021	01:19	pm
1221	100						
26)	111726.D	8081_8082A_608.M	35	1.000	17 Nov 2021	01:29	pm
1221	200						
27)	111727.D	8081_8082A_608.M	36	1.000	17 Nov 2021	01:39	pm
1221	500						
28)	111728.D	8081_8082A_608.M	37	1.000	17 Nov 2021	01:48	pm
1221	1000						
29)	111729.D	8081_8082A_608.M	38	1.000	17 Nov 2021	01:58	pm
1221	2000						
30)	111730.D	8081_8082A_608.M	39	1.000	17 Nov 2021	02:08	pm
1221	ICB						
31)	111731.D	8081_8082A_608.M	40	1.000	17 Nov 2021	02:17	pm
1221	ICV						
32)	111732.D	8081_8082A_608.M	6	1.000	17 Nov 2021	02:27	pm
1660-CCV-							
33)	111733.D	8081_8082A_608.M	7	1.000	17 Nov 2021	02:37	pm
1254-CCV-							
34)	111734.D	8081_8082A_608.M	8	1.000	17 Nov 2021	02:47	pm
1221-CCV							
35)	111735.D	8081_8082A_608.M	41	1.000	17 Nov 2021	02:56	pm
MB-34360							
36)	111736.D	8081_8082A_608.M	42	1.000	17 Nov 2021	03:06	pm
LCS1-34360							
37)	111737.D	8081_8082A_608.M	43	1.000	17 Nov 2021	03:16	pm
LCS2-34360							
38)	111738.D	8081_8082A_608.M	44	1.000	17 Nov 2021	03:26	pm
2110520-026A							
39)	111739.D	8081_8082A_608.M	45	1.000	17 Nov 2021	03:35	pm
2110520-026AMS							
40)	111740.D	8081_8082A_608.M	46	1.000	17 Nov 2021	03:45	pm
2110520-026AMSD							
41)	111741.D	8081_8082A_608.M	47	1.000	17 Nov 2021	03:55	pm
2110387-002A							
42)	111742.D	8081_8082A_608.M	48	1.000	17 Nov 2021	04:04	pm
2110387-002A 10X							
43)	111743.D	8081_8082A_608.M	6	1.000	17 Nov 2021	04:14	pm
1660-CCV-							
44)	111744.D	8081_8082A_608.M	7	1.000	17 Nov 2021	04:24	pm
1254-CCV-							
45)	111745.D	8081_8082A_608.M					

1221-CCV		8	1.000	17 Nov 2021	04:34	pm
46) 111746.D	8081_8082A_608.M					
MB-34460		51	1.000	17 Nov 2021	04:43	pm
47) 111747.D	8081_8082A_608.M					
LC1-34460		52	1.000	17 Nov 2021	04:53	pm
48) 111748.D	8081_8082A_608.M					
LCS1D-34460		53	1.000	17 Nov 2021	05:03	pm
49) 111749.D	8081_8082A_608.M					
LCS2-34460		54	1.000	17 Nov 2021	05:12	pm
50) 111750.D	8081_8082A_608.M					
LCS-LL-34460		55	1.000	17 Nov 2021	05:22	pm
51) 111751.D	8081_8082A_608.M					
2111233-001A		56	1.000	17 Nov 2021	05:32	pm
52) 111752.D	8081_8082A_608.M					
2111234-001A		57	1.000	17 Nov 2021	05:42	pm
53) 111753.D	8081_8082A_608.M					
2111317-001A		58	1.000	17 Nov 2021	05:51	pm
54) 111754.D	8081_8082A_608.M					
2111318-001A		59	1.000	17 Nov 2021	06:01	pm
55) 111755.D	8081_8082A_608.M					
2111338-001D		60	1.000	17 Nov 2021	06:11	pm
56) 111756.D	8081_8082A_608.M					
2111339-001D		61	1.000	17 Nov 2021	06:20	pm
57) 111757.D	8081_8082A_608.M					
2111339-001DMS		62	1.000	17 Nov 2021	06:30	pm
58) 111758.D	8081_8082A_608.M					
CO		6	1.000	17 Nov 2021	06:40	pm
59) 111759.D	8081_8082A_608.M					
1660-CCV-		6	1.000	17 Nov 2021	06:50	pm
60) 111760.D	8081_8082A_608.M					
1254-CCV-		7	1.000	17 Nov 2021	06:59	pm
61) 111761.D	8081_8082A_608.M					
MB-34475		71	1.000	17 Nov 2021	07:09	pm
62) 111762.D	8081_8082A_608.M					
LCS1-34475		72	1.000	17 Nov 2021	07:19	pm
63) 111763.D	8081_8082A_608.M					
LCS2-34475		73	1.000	17 Nov 2021	07:29	pm
64) 111764.D	8081_8082A_608.M					
2111300-010A		74	1.000	17 Nov 2021	07:38	pm
65) 111765.D	8081_8082A_608.M					
2111300-010AMS		75	1.000	17 Nov 2021	07:48	pm
66) 111766.D	8081_8082A_608.M					
2111300-010AMSD		76	1.000	17 Nov 2021	07:58	pm
67) 111767.D	8081_8082A_608.M					
2111335-001A		77	1.000	17 Nov 2021	08:07	pm
68) 111768.D	8081_8082A_608.M					
2111335-002A		78	1.000	17 Nov 2021	08:17	pm

69) 111769.D 8081_8082A_608.M
2111335-003A 79 1.000 17 Nov 2021 08:27 pm

70) 111770.D 8081_8082A_608.M
CO 7 1.000 17 Nov 2021 08:37 pm

71) 111771.D 8081_8082A_608.M
1660-CCV- 6 1.000 17 Nov 2021 08:46 pm

72) 111772.D 8081_8082A_608.M
1254-CCV- 7 1.000 17 Nov 2021 08:56 pm

Data Directory: D:\GC-16\Data\2021\121721\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 121701.D CO	8081_8082A_608.M	6	1.000	17 Dec 2021 08:37 am
2) 121702.D CO	8081_8082A_608.M	7	1.000	17 Dec 2021 08:47 am
3) 121703.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021 08:56 am
4) 121704.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021 09:06 am
5) 121705.D CO	8081_8082A_608.M	6	1.000	17 Dec 2021 10:17 am
6) 121706.D CO	8081_8082A_608.M	6	1.000	17 Dec 2021 10:27 am
7) 121707.D CO	8081_8082A_608.M	7	1.000	17 Dec 2021 10:37 am
8) 121708.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021 10:47 am
9) 121709.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021 10:56 am
10) 121710.D MB-34786	8081_8082A_608.M	11	1.000	17 Dec 2021 11:23 am
11) 121711.D LCS1-34786	8081_8082A_608.M	12	1.000	17 Dec 2021 11:33 am
12) 121712.D LCS2-34786	8081_8082A_608.M	13	1.000	17 Dec 2021 11:43 am
13) 121713.D LCS-LL-34786	8081_8082A_608.M	14	1.000	17 Dec 2021 11:52 am
14) 121714.D LCS1D-34786	8081_8082A_608.M	15	1.000	17 Dec 2021 12:02 pm
15) 121715.D 2112262-001A	8081_8082A_608.M	16	1.000	17 Dec 2021 12:12 pm
16) 121716.D 2112262-001AMS	8081_8082A_608.M	17	1.000	17 Dec 2021 12:22 pm
17) 121717.D 2112262-002A	8081_8082A_608.M	18	1.000	17 Dec 2021 12:31 pm
18) 121718.D 2112262-003A	8081_8082A_608.M	19	1.000	17 Dec 2021 12:41 pm
19) 121719.D 2112268-001D	8081_8082A_608.M	20	1.000	17 Dec 2021 12:51 pm
20) 121720.D 2112219-001A	8081_8082A_608.M	21	1.000	17 Dec 2021 01:00 pm
21) 121721.D CO	8081_8082A_608.M	7	1.000	17 Dec 2021 01:10 pm

22) 121722.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021	01:20 pm
23) 121723.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021	01:30 pm
24) 121724.D MB-34788	8081_8082A_608.M	41	1.000	17 Dec 2021	01:55 pm
25) 121725.D LCS1-34788	8081_8082A_608.M	42	1.000	17 Dec 2021	02:05 pm
26) 121726.D LCS2-34788	8081_8082A_608.M	43	1.000	17 Dec 2021	02:15 pm
27) 121727.D 2112277-001A	8081_8082A_608.M	44	1.000	17 Dec 2021	02:24 pm
28) 121728.D 2112277-001AMS	8081_8082A_608.M	45	1.000	17 Dec 2021	02:34 pm
29) 121729.D 2112277-001AMSD	8081_8082A_608.M	46	1.000	17 Dec 2021	02:44 pm
30) 121730.D 2112277-002A	8081_8082A_608.M	47	1.000	17 Dec 2021	02:54 pm
31) 121731.D 2112277-013A	8081_8082A_608.M	48	1.000	17 Dec 2021	03:03 pm
32) 121732.D 2112277-014A	8081_8082A_608.M	49	1.000	17 Dec 2021	03:13 pm
33) 121733.D 2112277-015A	8081_8082A_608.M	50	1.000	17 Dec 2021	03:23 pm
34) 121734.D 2112277-016A	8081_8082A_608.M	51	1.000	17 Dec 2021	03:33 pm
35) 121735.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021	03:42 pm
36) 121736.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021	03:52 pm
37) 121737.D CO	8081_8082A_608.M	7	1.000	17 Dec 2021	04:06 pm
38) 121738.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021	04:15 pm
39) 121739.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021	04:25 pm
40) 121740.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Dec 2021	04:35 pm
41) 121741.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Dec 2021	04:44 pm
42) 121742.D 2112242-004A	8081_8082A_608.M	31	1.000	17 Dec 2021	04:54 pm
43) 121743.D 2112242-008A	8081_8082A_608.M	32	1.000	17 Dec 2021	05:04 pm
44) 121744.D 2112242-025A	8081_8082A_608.M	33	1.000	17 Dec 2021	05:14 pm
45) 121745.D	8081_8082A_608.M				

1660-CCV-		6	1.000	17 Dec 2021	05:23 pm
46) 121746.D	8081_8082A_608.M				
1254-CCV-		7	1.000	17 Dec 2021	05:33 pm
47) 121747.D	8081_8082A_608.M				
MB-34802		11	1.000	17 Dec 2021	05:43 pm
48) 121748.D	8081_8082A_608.M				
LCS1-34802		12	1.000	17 Dec 2021	05:52 pm
49) 121749.D	8081_8082A_608.M				
LCS2-34802		13	1.000	17 Dec 2021	06:02 pm
50) 121750.D	8081_8082A_608.M				
2112206-001A		14	1.000	17 Dec 2021	06:12 pm
51) 121751.D	8081_8082A_608.M				
2112206-001AMS		15	1.000	17 Dec 2021	06:22 pm
52) 121752.D	8081_8082A_608.M				
2112206-001AMSD		16	1.000	17 Dec 2021	06:31 pm
53) 121753.D	8081_8082A_608.M				
1660-CCV-		6	1.000	17 Dec 2021	06:41 pm
54) 121754.D	8081_8082A_608.M				
1254-CCV-		7	1.000	17 Dec 2021	06:51 pm

Data Directory: D:\GC-16\Data\2021\122121\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 122101.D CO	8081_8082A_608.M	6	1.000	21 Dec 2021 09:43 am
2) 122102.D CO	8081_8082A_608.M	7	1.000	21 Dec 2021 09:53 am
3) 122103.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021 10:03 am
4) 122104.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Dec 2021 10:13 am
5) 122105.D CO	8081_8082A_608.M	6	1.000	21 Dec 2021 11:54 am
6) 122106.D CO	8081_8082A_608.M	7	1.000	21 Dec 2021 12:03 pm
7) 122107.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021 12:13 pm
8) 122108.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Dec 2021 12:23 pm
9) 122109.D MB-34820	8081_8082A_608.M	11	1.000	21 Dec 2021 12:33 pm
10) 122110.D LCS1-34820	8081_8082A_608.M	12	1.000	21 Dec 2021 12:42 pm
11) 122111.D LCS1D-34820	8081_8082A_608.M	13	1.000	21 Dec 2021 12:52 pm
12) 122112.D LCS2-34820	8081_8082A_608.M	14	1.000	21 Dec 2021 01:02 pm
13) 122113.D LCS-LL-34820	8081_8082A_608.M	15	1.000	21 Dec 2021 01:12 pm
14) 122114.D 2112340-001A	8081_8082A_608.M	16	1.000	21 Dec 2021 01:21 pm
15) 122115.D 2112340-001AMS	8081_8082A_608.M	17	1.000	21 Dec 2021 01:31 pm
16) 122116.D 2112283-001D	8081_8082A_608.M	18	1.000	21 Dec 2021 01:41 pm
17) 122117.D 2112334-006A	8081_8082A_608.M	19	1.000	21 Dec 2021 01:50 pm
18) 122118.D CO	8081_8082A_608.M	7	1.000	21 Dec 2021 02:00 pm
19) 122119.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021 02:10 pm
20) 122120.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Dec 2021 02:20 pm
21) 122121.D MB-34814	8081_8082A_608.M	21	1.000	21 Dec 2021 02:44 pm

22) 122122.D LCS1-34814	8081_8082A_608.M	22	1.000	21 Dec 2021	02:53 pm
23) 122123.D LCS2-34814	8081_8082A_608.M	23	1.000	21 Dec 2021	03:03 pm
24) 122124.D 2112277-013A	8081_8082A_608.M	40	1.000	21 Dec 2021	03:18 pm
25) 122125.D 2112277-013AMS	8081_8082A_608.M	41	1.000	21 Dec 2021	03:28 pm
26) 122126.D 2112277-013AMSD	8081_8082A_608.M	42	1.000	21 Dec 2021	03:38 pm
27) 122127.D 2112242-011A	8081_8082A_608.M	24	1.000	21 Dec 2021	03:48 pm
28) 122128.D 2112242-028A	8081_8082A_608.M	25	1.000	21 Dec 2021	03:57 pm
29) 122129.D 2112242-040A	8081_8082A_608.M	26	1.000	21 Dec 2021	04:07 pm
30) 122130.D 2112242-049A	8081_8082A_608.M	27	1.000	21 Dec 2021	04:17 pm
31) 122131.D 2112242-057A	8081_8082A_608.M	28	1.000	21 Dec 2021	04:26 pm
32) 122132.D 2112242-066A	8081_8082A_608.M	29	1.000	21 Dec 2021	04:36 pm
33) 122133.D 2112242-078A	8081_8082A_608.M	30	1.000	21 Dec 2021	04:46 pm
34) 122134.D 2112277-034A	8081_8082A_608.M	31	1.000	21 Dec 2021	04:56 pm
35) 122135.D 2112277-035A	8081_8082A_608.M	32	1.000	21 Dec 2021	05:05 pm
36) 122136.D 2112277-036A	8081_8082A_608.M	33	1.000	21 Dec 2021	05:15 pm
37) 122137.D 2112277-037A	8081_8082A_608.M	34	1.000	21 Dec 2021	05:25 pm
38) 122138.D 2112277-038A	8081_8082A_608.M	35	1.000	21 Dec 2021	05:34 pm
39) 122139.D 2112277-039A	8081_8082A_608.M	36	1.000	21 Dec 2021	05:44 pm
40) 122140.D 2112277-040A	8081_8082A_608.M	37	1.000	21 Dec 2021	05:54 pm
41) 122141.D 2112277-043A	8081_8082A_608.M	38	1.000	21 Dec 2021	06:04 pm
42) 122142.D 2112277-044A	8081_8082A_608.M	39	1.000	21 Dec 2021	06:13 pm
43) 122143.D CO	8081_8082A_608.M	5	1.000	21 Dec 2021	06:23 pm
44) 122144.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021	06:33 pm
45) 122145.D	8081_8082A_608.M				

Line	Time	Call ID	Area	Ext	Rate	Date	Time	Time
1254-CCV-					7	1.000	21 Dec 2021	06:43 pm
46)	122146.D	8081_8082A_608.M						
MB-34832				51	1.000	21 Dec 2021	06:52 pm	
47)	122147.D	8081_8082A_608.M						
LCS1-34832				52	1.000	21 Dec 2021	07:02 pm	
48)	122148.D	8081_8082A_608.M						
LCS2-34832				53	1.000	21 Dec 2021	07:12 pm	
49)	122149.D	8081_8082A_608.M						
2112242-084A				54	1.000	21 Dec 2021	07:22 pm	
50)	122150.D	8081_8082A_608.M						
2112242-084AMS				55	1.000	21 Dec 2021	07:31 pm	
51)	122151.D	8081_8082A_608.M						
2112242-084AMSD				56	1.000	21 Dec 2021	07:41 pm	
52)	122152.D	8081_8082A_608.M						
2112242-085A				57	1.000	21 Dec 2021	07:51 pm	
53)	122153.D	8081_8082A_608.M						
2112277-051A				58	1.000	21 Dec 2021	08:00 pm	
54)	122154.D	8081_8082A_608.M						
2112277-053A				59	1.000	21 Dec 2021	08:10 pm	
55)	122155.D	8081_8082A_608.M						
2112277-070A				60	1.000	21 Dec 2021	08:20 pm	
56)	122156.D	8081_8082A_608.M						
2112321-032A				61	1.000	21 Dec 2021	08:30 pm	
57)	122157.D	8081_8082A_608.M						
2112321-033A				62	1.000	21 Dec 2021	08:39 pm	
58)	122158.D	8081_8082A_608.M						
CO				5	1.000	21 Dec 2021	08:49 pm	
59)	122159.D	8081_8082A_608.M						
1660-CCV-				6	1.000	21 Dec 2021	08:59 pm	
60)	122160.D	8081_8082A_608.M						
1254-CCV-				7	1.000	21 Dec 2021	09:09 pm	

Data Directory: D:\GC-16\Data\2021\122421\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 122401.D CO	8081_8082A_608.M	6	1.000	24 Dec 2021 09:34 am
2) 122402.D 1660-CCV-34857A	8081_8082A_608.M	6	1.000	24 Dec 2021 09:44 am
3) 122403.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	24 Dec 2021 09:53 am
4) 122404.D MB-34857	8081_8082A_608.M	63	1.000	24 Dec 2021 10:03 am
5) 122405.D LCS1-34857	8081_8082A_608.M	64	1.000	24 Dec 2021 10:13 am
6) 122406.D LCS2-348573	8081_8082A_608.M	65	1.000	24 Dec 2021 10:23 am
7) 122407.D 2112242-012A	8081_8082A_608.M	66	1.000	24 Dec 2021 10:32 am
8) 122408.D 2112242-029A	8081_8082A_608.M	67	1.000	24 Dec 2021 10:42 am
9) 122409.D 2112242-041A	8081_8082A_608.M	68	1.000	24 Dec 2021 10:52 am
10) 122410.D 2112242-050A	8081_8082A_608.M	69	1.000	24 Dec 2021 11:01 am
11) 122411.D 2112242-058A	8081_8082A_608.M	70	1.000	24 Dec 2021 11:11 am
12) 122412.D 2112242-068A	8081_8082A_608.M	71	1.000	24 Dec 2021 11:21 am
13) 122413.D 2112277-024A	8081_8082A_608.M	72	1.000	24 Dec 2021 11:31 am
14) 122414.D 2112277-025A	8081_8082A_608.M	73	1.000	24 Dec 2021 11:40 am
15) 122415.D 2112277-026A	8081_8082A_608.M	74	1.000	24 Dec 2021 11:50 am
16) 122416.D 2112277-045A	8081_8082A_608.M	75	1.000	24 Dec 2021 12:00 pm
17) 122417.D 2112277-061A	8081_8082A_608.M	76	1.000	24 Dec 2021 12:10 pm
18) 122418.D 2112277-063A	8081_8082A_608.M	77	1.000	24 Dec 2021 12:19 pm
19) 122419.D 2112277-063AMS	8081_8082A_608.M	78	1.000	24 Dec 2021 12:29 pm
20) 122420.D 2112277-063AMSD	8081_8082A_608.M	79	1.000	24 Dec 2021 12:39 pm
21) 122421.D 1660-CCV-34857A	8081_8082A_608.M	6	1.000	24 Dec 2021 12:48 pm

Data Directory: D:\GC-16\Data\2021\122821\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 122841.D No data found	8081_8082A_608.M		0.000	N/A
2) 122801.D CO	8081_8082A_608.M	6	1.000	28 Dec 2021 08:32 am
3) 122802.D 1660-CCV-	8081_8082A_608.M	6	1.000	28 Dec 2021 08:42 am
4) 122803.D 1254-CCV-	8081_8082A_608.M	7	1.000	28 Dec 2021 08:52 am
5) 122804.D 2112242-029A	8081_8082A_608.M	67	1.000	28 Dec 2021 09:04 am
6) 122805.D 2112242-041A	8081_8082A_608.M	68	1.000	28 Dec 2021 09:13 am
7) 122806.D 2112242-050A	8081_8082A_608.M	69	1.000	28 Dec 2021 09:24 am
8) 122807.D 2112242-058A	8081_8082A_608.M	70	1.000	28 Dec 2021 09:35 am
9) 122808.D 2112242-050A	8081_8082A_608.M	69	1.000	28 Dec 2021 09:45 am
10) 122809.D 2112242-068A	8081_8082A_608.M	71	1.000	28 Dec 2021 09:54 am
11) 122810.D 2112242-041A	8081_8082A_608.M	68	1.000	28 Dec 2021 10:04 am
12) 122811.D 2112277-024A	8081_8082A_608.M	72	1.000	28 Dec 2021 10:14 am
13) 122812.D 2112277-025A	8081_8082A_608.M	73	1.000	28 Dec 2021 10:24 am
14) 122813.D 2112277-045A	8081_8082A_608.M	75	1.000	28 Dec 2021 10:33 am
15) 122814.D 2112277-045A 10x	8081_8082A_608.M	80	1.000	28 Dec 2021 10:43 am
16) 122815.D 2112277-061A	8081_8082A_608.M	76	1.000	28 Dec 2021 10:53 am
17) 122816.D 2112277-063A	8081_8082A_608.M	77	1.000	28 Dec 2021 11:02 am
18) 122817.D 1660-CCV-34857A	8081_8082A_608.M	6	1.000	28 Dec 2021 11:12 am
19) 122818.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	28 Dec 2021 11:22 am
20) 122819.D CO	8081_8082A_608.M	6	1.000	28 Dec 2021 11:39 am
21) 122820.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	28 Dec 2021 11:48 am

22) 122821.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	28 Dec 2021	11:58 am
23) 122822.D 1660-CCV-	8081_8082A_608.M	6	1.000	28 Dec 2021	12:19 pm
24) 122823.D 2112242-012A	8081_8082A_608.M	66	1.000	28 Dec 2021	12:29 pm
25) 122824.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	28 Dec 2021	12:38 pm
26) 122825.D MB-34820	8081_8082A_608.M	81	1.000	28 Dec 2021	12:48 pm
27) 122826.D LCS1-34820	8081_8082A_608.M	82	1.000	28 Dec 2021	12:58 pm
28) 122827.D LCS1D-34820	8081_8082A_608.M	83	1.000	28 Dec 2021	01:08 pm
29) 122828.D LCS2-34820	8081_8082A_608.M	84	1.000	28 Dec 2021	01:17 pm
30) 122829.D 2112334-006A	8081_8082A_608.M	85	1.000	28 Dec 2021	01:27 pm
31) 122830.D MB-34845	8081_8082A_608.M	11	1.000	28 Dec 2021	01:37 pm
32) 122831.D LCS1-34845	8081_8082A_608.M	12	1.000	28 Dec 2021	01:47 pm
33) 122832.D LCS1D-34845	8081_8082A_608.M	13	1.000	28 Dec 2021	01:56 pm
34) 122833.D LCS2-34845	8081_8082A_608.M	14	1.000	28 Dec 2021	02:06 pm
35) 122834.D LCS1-LL-34845	8081_8082A_608.M	15	1.000	28 Dec 2021	02:16 pm
36) 122835.D 2112365-001D	8081_8082A_608.M	16	1.000	28 Dec 2021	02:26 pm
37) 122836.D 2112365-001DMS	8081_8082A_608.M	17	1.000	28 Dec 2021	02:35 pm
38) 122837.D 2112341-001D	8081_8082A_608.M	19	1.000	28 Dec 2021	02:45 pm
39) 122838.D 1660-CCV-34845B	8081_8082A_608.M	6	1.000	28 Dec 2021	02:55 pm
40) 122839.D 1254-CCV-34845B	8081_8082A_608.M	7	1.000	28 Dec 2021	03:05 pm
41) 122840.D MB-34872	8081_8082A_608.M	21	1.000	28 Dec 2021	03:16 pm
42) 122842.D LCS2-34872	8081_8082A_608.M	22	1.000	28 Dec 2021	05:02 pm
43) 122843.D 2112405-001A	8081_8082A_608.M	23	1.000	28 Dec 2021	05:11 pm
44) 122844.D 2112405-002A	8081_8082A_608.M	24	1.000	28 Dec 2021	05:21 pm
45) 122845.D	8081_8082A_608.M				

LCS-LL-34872		25	1.000	28 Dec 2021	05:31	pm
46) 122846.D	8081_8082A_608.M					
LCS1-34872		26	1.000	28 Dec 2021	05:41	pm
47) 122847.D	8081_8082A_608.M					
LCS1-34872		27	1.000	28 Dec 2021	05:51	pm
48) 122848.D	8081_8082A_608.M					
2112372-001D		18	1.000	28 Dec 2021	06:00	pm
49) 122849.D	8081_8082A_608.M					
1660-CCV-34857A		4	1.000	28 Dec 2021	06:10	pm
50) 122850.D	8081_8082A_608.M					
1254-CCV-34857A		5	1.000	28 Dec 2021	06:20	pm
51) 122851.D	8081_8082A_608.M					
MB-34883		31	1.000	28 Dec 2021	06:30	pm
52) 122852.D	8081_8082A_608.M					
LCS1-34883		32	1.000	28 Dec 2021	06:39	pm
53) 122853.D	8081_8082A_608.M					
2112242-013A		33	1.000	28 Dec 2021	06:49	pm
54) 122854.D	8081_8082A_608.M					
2112242-030A		34	1.000	28 Dec 2021	06:59	pm
55) 122855.D	8081_8082A_608.M					
2112242-042A		35	1.000	28 Dec 2021	07:09	pm
56) 122856.D	8081_8082A_608.M					
2112242-051A		36	1.000	28 Dec 2021	07:18	pm
57) 122857.D	8081_8082A_608.M					
2112242-059A		37	1.000	28 Dec 2021	07:28	pm
58) 122858.D	8081_8082A_608.M					
2112242-069A		38	1.000	28 Dec 2021	07:38	pm
59) 122859.D	8081_8082A_608.M					
2112242-069AMS		39	1.000	28 Dec 2021	07:48	pm
60) 122860.D	8081_8082A_608.M					
2112242-069AMSD		40	1.000	28 Dec 2021	07:57	pm
61) 122861.D	8081_8082A_608.M					
2112277-017A		41	1.000	28 Dec 2021	08:07	pm
62) 122862.D	8081_8082A_608.M					
2112277-018A		42	1.000	28 Dec 2021	08:17	pm
63) 122863.D	8081_8082A_608.M					
2112277-041A		43	1.000	28 Dec 2021	08:27	pm
64) 122864.D	8081_8082A_608.M					
2112277-042A		44	1.000	28 Dec 2021	08:37	pm
65) 122865.D	8081_8082A_608.M					
2112277-046A		45	1.000	28 Dec 2021	08:46	pm
66) 122866.D	8081_8082A_608.M					
2112277-052A		46	1.000	28 Dec 2021	08:56	pm
67) 122867.D	8081_8082A_608.M					
2112423-008A		47	1.000	28 Dec 2021	09:06	pm
68) 122868.D	8081_8082A_608.M					
2112423-013A		48	1.000	28 Dec 2021	09:16	pm

69) 122869.D	8081_8082A_608.M					
2112423-017A		49	1.000	28 Dec 2021	09:25	pm

70) 122870.D	8081_8082A_608.M					
2112423-028A		50	1.000	28 Dec 2021	09:35	pm

71) 122871.D	8081_8082A_608.M					
LCS2-34883		51	1.000	28 Dec 2021	09:45	pm

72) 122872.D	8081_8082A_608.M					
1660-CCV-34857A		4	1.000	28 Dec 2021	09:55	pm

73) 122873.D	8081_8082A_608.M					
1254-CCV-34857A		5	1.000	28 Dec 2021	10:05	pm

Injection Log

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SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 122901.D CO	8081_8082A_608.M	6	1.000	29 Dec 2021 09:06 am
2) 122902.D 1660-CCV-	8081_8082A_608.M	6	1.000	29 Dec 2021 09:16 am
3) 122903.D 1254-CCV-	8081_8082A_608.M	7	1.000	29 Dec 2021 09:26 am
4) 122904.D 1660-CCV-new	8081_8082A_608.M	6	1.000	29 Dec 2021 09:47 am
5) 122905.D 1254-CCV-new	8081_8082A_608.M	7	1.000	29 Dec 2021 09:57 am
6) 122906.D MB-34872	8081_8082A_608.M	21	1.000	29 Dec 2021 10:11 am
7) 122907.D LCS2-34872	8081_8082A_608.M	22	1.000	29 Dec 2021 10:21 am
8) 122908.D 2112405-001A	8081_8082A_608.M	23	1.000	29 Dec 2021 10:31 am
9) 122909.D 2112405-002A	8081_8082A_608.M	24	1.000	29 Dec 2021 10:40 am
10) 122910.D LCS-LL-34872	8081_8082A_608.M	25	1.000	29 Dec 2021 10:50 am
11) 122911.D LCS1-34872	8081_8082A_608.M	26	1.000	29 Dec 2021 11:00 am
12) 122912.D LCSD-34872	8081_8082A_608.M	27	1.000	29 Dec 2021 11:10 am
13) 122913.D 1660-CCV-34857A	8081_8082A_608.M	6	1.000	29 Dec 2021 11:19 am
14) 122914.D 1254-CCV-34857A	8081_8082A_608.M	7	1.000	29 Dec 2021 11:29 am
15) 122915.D 2112242-013A	8081_8082A_608.M	33	1.000	29 Dec 2021 12:13 pm
16) 122916.D 2112242-030A	8081_8082A_608.M	34	1.000	29 Dec 2021 12:22 pm
17) 122917.D 2112242-013A	8081_8082A_608.M	33	1.000	29 Dec 2021 12:32 pm
18) 122918.D 2112242-042A	8081_8082A_608.M	35	1.000	29 Dec 2021 12:42 pm
19) 122919.D 2112242-051A	8081_8082A_608.M	36	1.000	29 Dec 2021 12:52 pm
20) 122920.D 2112242-059A	8081_8082A_608.M	37	1.000	29 Dec 2021 01:01 pm
21) 122921.D	8081_8082A_608.M			

2112242-069A		38	1.000	29 Dec 2021	01:11 pm
22) 122922.D	8081_8082A_608.M				
2112277-017A		41	1.000	29 Dec 2021	01:21 pm
23) 122923.D	8081_8082A_608.M				
2112277-018A		42	1.000	29 Dec 2021	01:31 pm
24) 122924.D	8081_8082A_608.M				
2112277-041A		43	1.000	29 Dec 2021	01:41 pm
25) 122925.D	8081_8082A_608.M				
2112277-042A		44	1.000	29 Dec 2021	01:50 pm
26) 122926.D	8081_8082A_608.M				
2112277-046A		45	1.000	29 Dec 2021	02:00 pm
27) 122927.D	8081_8082A_608.M				
2112277-052A		46	1.000	29 Dec 2021	02:10 pm
28) 122928.D	8081_8082A_608.M				
2112277-052A 10x		52	1.000	29 Dec 2021	02:20 pm
29) 122929.D	8081_8082A_608.M				
2112423-013A		48	1.000	29 Dec 2021	02:30 pm
30) 122930.D	8081_8082A_608.M				
LCS2-34883		51	1.000	29 Dec 2021	02:39 pm
31) 122931.D	8081_8082A_608.M				
1660-CCV-34857A		6	1.000	29 Dec 2021	02:49 pm
32) 122932.D	8081_8082A_608.M				
1254-CCV-34857A		7	1.000	29 Dec 2021	02:59 pm

2112277-016A 10x
8/12/2021

Data Directory: D:\GC-16\Data\2021\123021\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 123001.D CO	8081_8082A_608.M	6	1.000	30 Dec 2021 09:30 am
2) 123002.D co	8081_8082A_608.M	7	1.000	30 Dec 2021 09:40 am
3) 123003.D 1660-CCV-	8081_8082A_608.M	6	1.000	30 Dec 2021 09:49 am
4) 123004.D 1254-CCV-	8081_8082A_608.M	7	1.000	30 Dec 2021 09:59 am
5) 123005.D 1660-CCV-NEW	8081_8082A_608.M	4	1.000	30 Dec 2021 12:01 pm
6) 123006.D 1254-CCV-NEW	8081_8082A_608.M	5	1.000	30 Dec 2021 12:11 pm
7) 123007.D MB-34910	8081_8082A_608.M	11	1.000	30 Dec 2021 03:14 pm
8) 123008.D LCS1-34910	8081_8082A_608.M	12	1.000	30 Dec 2021 03:23 pm
9) 123009.D LCS2-34910	8081_8082A_608.M	13	1.000	30 Dec 2021 03:33 pm
10) 123010.D 2112277-019A	8081_8082A_608.M	14	1.000	30 Dec 2021 03:43 pm
11) 123011.D 2112277-019AMS	8081_8082A_608.M	15	1.000	30 Dec 2021 03:53 pm
12) 123012.D 2112277-019AMSD	8081_8082A_608.M	16	1.000	30 Dec 2021 04:03 pm
13) 123013.D 2112277-020A	8081_8082A_608.M	17	1.000	30 Dec 2021 04:12 pm
14) 123014.D 2112277-021A	8081_8082A_608.M	18	1.000	30 Dec 2021 04:22 pm
15) 123015.D 2112277-022A	8081_8082A_608.M	19	1.000	30 Dec 2021 04:32 pm
16) 123016.D 2112277-023A	8081_8082A_608.M	20	1.000	30 Dec 2021 04:42 pm
17) 123017.D 2112277-054A	8081_8082A_608.M	21	1.000	30 Dec 2021 04:51 pm
18) 123018.D 2112277-064A	8081_8082A_608.M	22	1.000	30 Dec 2021 05:01 pm
19) 123019.D 2112301-001A	8081_8082A_608.M	23	1.000	30 Dec 2021 05:11 pm
20) 123020.D 2112301-002A	8081_8082A_608.M	24	1.000	30 Dec 2021 05:21 pm
21) 123021.D 2112301-063A	8081_8082A_608.M	25	1.000	30 Dec 2021 05:31 pm

22) 123022.D 2112301-064A	8081_8082A_608.M	26	1.000	30 Dec 2021	05:40 pm
23) 123023.D 2112321-001A	8081_8082A_608.M	27	1.000	30 Dec 2021	05:50 pm
24) 123024.D 2112321-002A	8081_8082A_608.M	28	1.000	30 Dec 2021	06:00 pm
25) 123025.D 2112321-003A	8081_8082A_608.M	29	1.000	30 Dec 2021	06:10 pm
26) 123026.D co	8081_8082A_608.M	4	1.000	30 Dec 2021	06:19 pm
27) 123027.D 1660-CCV-	8081_8082A_608.M	4	1.000	30 Dec 2021	06:29 pm
28) 123028.D 1254-CCV-	8081_8082A_608.M	5	1.000	30 Dec 2021	06:39 pm

Data Directory: D:\GC-16\Data\2021\010522\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 010501.D CO	8081_8082A_608.M	6	1.000	05 Jan 2022 12:08 pm
2) 010502.D co	8081_8082A_608.M	7	1.000	05 Jan 2022 12:18 pm
3) 010503.D 1660-CCV-	8081_8082A_608.M	6	1.000	05 Jan 2022 12:28 pm
4) 010504.D 1254-CCV-	8081_8082A_608.M	7	1.000	05 Jan 2022 12:38 pm
5) 010505.D MB-34931	8081_8082A_608.M	71	1.000	05 Jan 2022 01:02 pm
6) 010506.D LCS1-34931	8081_8082A_608.M	72	1.000	05 Jan 2022 01:11 pm
7) 010507.D LCS2-34931	8081_8082A_608.M	73	1.000	05 Jan 2022 01:21 pm
8) 010508.D 2112277-055A	8081_8082A_608.M	74	1.000	05 Jan 2022 01:31 pm
9) 010509.D 2112301-003A	8081_8082A_608.M	75	1.000	05 Jan 2022 01:41 pm
10) 010510.D 2112301-003AMS	8081_8082A_608.M	76	1.000	05 Jan 2022 01:50 pm
11) 010511.D 2112301-003AMSD	8081_8082A_608.M	77	1.000	05 Jan 2022 02:00 pm
12) 010512.D 2112301-014A	8081_8082A_608.M	78	1.000	05 Jan 2022 02:10 pm
13) 010513.D 2112301-015A	8081_8082A_608.M	79	1.000	05 Jan 2022 02:20 pm
14) 010514.D 2112301-027A	8081_8082A_608.M	80	1.000	05 Jan 2022 02:30 pm
15) 010515.D 2112301-028A	8081_8082A_608.M	81	1.000	05 Jan 2022 02:39 pm
16) 010516.D 2112441-021A	8081_8082A_608.M	82	1.000	05 Jan 2022 02:49 pm
17) 010517.D 2112441-024A	8081_8082A_608.M	83	1.000	05 Jan 2022 02:59 pm
18) 010518.D 1660-CCV-	8081_8082A_608.M	4	1.000	05 Jan 2022 03:09 pm
19) 010519.D 1254-CCV-	8081_8082A_608.M	5	1.000	05 Jan 2022 03:19 pm
20) 010520.D 1254-CCV-	8081_8082A_608.M	7	1.000	05 Jan 2022 03:41 pm
21) 010521.D 1254-CCV-	8081_8082A_608.M	7	1.000	05 Jan 2022 03:51 pm

22) 010522.D 1660-CCV-	8081_8082A_608.M	6	1.000	05 Jan 2022	04:01 pm
23) 010523.D 2112301-027A 10X	8081_8082A_608.M	84	1.000	05 Jan 2022	04:10 pm
24) 010524.D MB-34947	8081_8082A_608.M	11	1.000	05 Jan 2022	04:20 pm
25) 010525.D LCS1-34947	8081_8082A_608.M	12	1.000	05 Jan 2022	04:30 pm
26) 010526.D LCS2-34947	8081_8082A_608.M	13	1.000	05 Jan 2022	04:40 pm
27) 010527.D 2112242-044A	8081_8082A_608.M	14	1.000	05 Jan 2022	04:50 pm
28) 010528.D 2112242-044AMS	8081_8082A_608.M	15	1.000	05 Jan 2022	04:59 pm
29) 010529.D 2112242-044AMSD	8081_8082A_608.M	16	1.000	05 Jan 2022	05:09 pm
30) 010530.D 2112242-053A	8081_8082A_608.M	17	1.000	05 Jan 2022	05:19 pm
31) 010531.D 2112242-061A	8081_8082A_608.M	18	1.000	05 Jan 2022	05:29 pm
32) 010532.D 2112242-071A	8081_8082A_608.M	19	1.000	05 Jan 2022	05:38 pm
33) 010533.D 2112301-029A	8081_8082A_608.M	20	1.000	05 Jan 2022	05:48 pm
34) 010534.D 2112301-030A	8081_8082A_608.M	21	1.000	05 Jan 2022	05:58 pm
35) 010535.D 2112301-052A	8081_8082A_608.M	22	1.000	05 Jan 2022	06:08 pm
36) 010536.D 2112301-053A	8081_8082A_608.M	23	1.000	05 Jan 2022	06:17 pm
37) 010537.D 2112301-057A	8081_8082A_608.M	24	1.000	05 Jan 2022	06:27 pm
38) 010538.D 1660-CCV-	8081_8082A_608.M	4	1.000	05 Jan 2022	06:37 pm
39) 010539.D 1254-CCV-	8081_8082A_608.M	5	1.000	05 Jan 2022	06:47 pm

Data Directory: D:\GC-16\Data\2022\010622\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 010601.D CO	8081_8082A_608.M	6	1.000	06 Jan 2022 12:02 pm
2) 010602.D co	8081_8082A_608.M	7	1.000	06 Jan 2022 12:12 pm
3) 010603.D 1660-CCV-	8081_8082A_608.M	6	1.000	06 Jan 2022 12:21 pm
4) 010604.D 1254-CCV-	8081_8082A_608.M	7	1.000	06 Jan 2022 12:31 pm
5) 010605.D MB-34950	8081_8082A_608.M	41	1.000	06 Jan 2022 04:09 pm
6) 010606.D LCS1-34950	8081_8082A_608.M	42	1.000	06 Jan 2022 04:19 pm
7) 010607.D LCS1D-34950	8081_8082A_608.M	43	1.000	06 Jan 2022 04:29 pm
8) 010608.D LCS-LL-34950	8081_8082A_608.M	44	1.000	06 Jan 2022 04:38 pm
9) 010609.D 2201030-001D	8081_8082A_608.M	45	1.000	06 Jan 2022 04:48 pm
10) 010610.D 2201030-001DMS	8081_8082A_608.M	46	1.000	06 Jan 2022 04:58 pm
11) 010611.D 2201034-003A	8081_8082A_608.M	47	1.000	06 Jan 2022 05:08 pm
12) 010612.D 2201035-001D	8081_8082A_608.M	48	1.000	06 Jan 2022 05:18 pm
13) 010613.D co	8081_8082A_608.M	7	1.000	06 Jan 2022 05:27 pm
14) 010614.D 1660-CCV-	8081_8082A_608.M	6	1.000	06 Jan 2022 05:37 pm
15) 010615.D 1254-CCV-	8081_8082A_608.M	7	1.000	06 Jan 2022 05:47 pm
16) 010616.D MB-34958	8081_8082A_608.M	31	1.000	06 Jan 2022 05:57 pm
17) 010617.D LCS1-34958	8081_8082A_608.M	32	1.000	06 Jan 2022 06:06 pm
18) 010618.D LCS2-34958	8081_8082A_608.M	33	1.000	06 Jan 2022 06:16 pm
19) 010619.D 2112301-004A	8081_8082A_608.M	34	1.000	06 Jan 2022 06:26 pm
20) 010620.D 2112301-004AMS	8081_8082A_608.M	35	1.000	06 Jan 2022 06:36 pm
21) 010621.D 2112301-004AMSD	8081_8082A_608.M	36	1.000	06 Jan 2022 06:46 pm

22) 010622.D	8081_8082A_608.M	37	1.000	06 Jan 2022	06:55 pm
2112277-056A					

23) 010623.D	8081_8082A_608.M	6	1.000	06 Jan 2022	07:05 pm
1660-CCV-					

24) 010624.D	8081_8082A_608.M	7	1.000	06 Jan 2022	07:15 pm
1254-CCV-					

Data Directory: D:\GC-16\Data\2022\011022\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 011001.D CO	8081_8082A_608.M	6	1.000	10 Jan 2022 08:53 am
2) 011002.D co	8081_8082A_608.M	7	1.000	10 Jan 2022 09:03 am
3) 011003.D 1660-CCV-	8081_8082A_608.M	6	1.000	10 Jan 2022 09:12 am
4) 011004.D 1254-CCV-	8081_8082A_608.M	7	1.000	10 Jan 2022 09:22 am
5) 011005.D MB-34975	8081_8082A_608.M	101	1.000	10 Jan 2022 01:09 pm
6) 011006.D LCS1-34975	8081_8082A_608.M	102	1.000	10 Jan 2022 01:18 pm
7) 011007.D LCS1D-34975	8081_8082A_608.M	103	1.000	10 Jan 2022 01:28 pm
8) 011008.D 2201084-001A	8081_8082A_608.M	107	1.000	10 Jan 2022 01:38 pm
9) 011009.D 2201072-001D	8081_8082A_608.M	104	1.000	10 Jan 2022 01:48 pm
10) 011010.D 2201082-001A	8081_8082A_608.M	105	1.000	10 Jan 2022 01:57 pm
11) 011011.D 2201082-002A	8081_8082A_608.M	106	1.000	10 Jan 2022 02:07 pm
12) 011012.D LCS-LL-34975	8081_8082A_608.M	108	1.000	10 Jan 2022 02:17 pm
13) 011013.D co	8081_8082A_608.M	7	1.000	10 Jan 2022 02:27 pm
14) 011014.D 1660-CCV-	8081_8082A_608.M	6	1.000	10 Jan 2022 02:37 pm
15) 011015.D 1254-CCV-	8081_8082A_608.M	7	1.000	10 Jan 2022 02:46 pm
16) 011016.D MB-34986	8081_8082A_608.M	111	1.000	10 Jan 2022 02:56 pm
17) 011017.D LCS1-34986	8081_8082A_608.M	112	1.000	10 Jan 2022 03:06 pm
18) 011018.D LCS2-34986	8081_8082A_608.M	113	1.000	10 Jan 2022 03:16 pm
19) 011019.D 2112242-045A	8081_8082A_608.M	114	1.000	10 Jan 2022 03:25 pm
20) 011020.D 2112242-045AMS	8081_8082A_608.M	115	1.000	10 Jan 2022 03:35 pm
21) 011021.D 2112242-045AMSD	8081_8082A_608.M	116	1.000	10 Jan 2022 03:45 pm

22) 011022.D	8081_8082A_608.M	117	1.000	10 Jan 2022	03:55 pm
2112242-062A					
23) 011023.D	8081_8082A_608.M	118	1.000	10 Jan 2022	04:05 pm
2112301-040A					
24) 011024.D	8081_8082A_608.M	119	1.000	10 Jan 2022	04:14 pm
2112301-043A					
25) 011025.D	8081_8082A_608.M	120	1.000	10 Jan 2022	04:24 pm
2112301-050A					
26) 011026.D	8081_8082A_608.M	121	1.000	10 Jan 2022	04:34 pm
2112301-005A					
27) 011027.D	8081_8082A_608.M	122	1.000	10 Jan 2022	04:44 pm
2112277-057A					
28) 011028.D	8081_8082A_608.M	7	1.000	10 Jan 2022	04:53 pm
co					
29) 011029.D	8081_8082A_608.M	6	1.000	10 Jan 2022	05:03 pm
1660-CCV-					
30) 011030.D	8081_8082A_608.M	7	1.000	10 Jan 2022	05:13 pm
1254-CCV-					

Data Directory: D:\GC-16\Data\2022\011722\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 011701.D CO	8081_8082A_608.M	6	1.000	17 Jan 2022 10:55 am
2) 011702.D co	8081_8082A_608.M	7	1.000	17 Jan 2022 11:05 am
3) 011703.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Jan 2022 11:15 am
4) 011704.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Jan 2022 11:24 am
5) 011705.D MB-35039	8081_8082A_608.M	11	1.000	17 Jan 2022 12:32 pm
6) 011706.D LCS1-35039	8081_8082A_608.M	12	1.000	17 Jan 2022 12:41 pm
7) 011707.D LCS2-35039	8081_8082A_608.M	13	1.000	17 Jan 2022 12:51 pm
8) 011708.D 2201187-004A	8081_8082A_608.M	14	1.000	17 Jan 2022 01:01 pm
9) 011709.D 2201187-004AMS	8081_8082A_608.M	15	1.000	17 Jan 2022 01:11 pm
10) 011710.D 2201187-010A	8081_8082A_608.M	16	1.000	17 Jan 2022 01:21 pm
11) 011711.D 2201187-013A	8081_8082A_608.M	17	1.000	17 Jan 2022 01:30 pm
12) 011712.D 2112277-058A	8081_8082A_608.M	18	1.000	17 Jan 2022 01:40 pm
13) 011713.D co	8081_8082A_608.M	7	1.000	17 Jan 2022 01:50 pm
14) 011714.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Jan 2022 02:00 pm
15) 011715.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Jan 2022 02:09 pm

Data Directory: D:\GC-16\Data\2022\011822\

SampleName	MiscInfo	Vial	Multiplier	Injection Time	
1) 011801.D CO	8081_8082A_608.M	6	1.000	18 Jan 2022	11:10 am
2) 011802.D co	8081_8082A_608.M	7	1.000	18 Jan 2022	11:20 am
3) 011803.D 1660-CCV-	8081_8082A_608.M	6	1.000	18 Jan 2022	11:30 am
4) 011804.D 1254-CCV-	8081_8082A_608.M	7	1.000	18 Jan 2022	11:39 am
5) 011805.D MB-35055	8081_8082A_608.M	11	1.000	18 Jan 2022	12:08 pm
6) 011806.D LCS1-35055	8081_8082A_608.M	12	1.000	18 Jan 2022	12:17 pm
7) 011807.D LCS2-35055	8081_8082A_608.M	13	1.000	18 Jan 2022	12:27 pm
8) 011808.D LCS1D-35055	8081_8082A_608.M	14	1.000	18 Jan 2022	12:37 pm
9) 011809.D 2112242-047A	8081_8082A_608.M	15	1.000	18 Jan 2022	12:47 pm
10) 011810.D 2112277-059A	8081_8082A_608.M	16	1.000	18 Jan 2022	12:56 pm
11) 011811.D co	8081_8082A_608.M	7	1.000	18 Jan 2022	01:06 pm
12) 011812.D 1660-CCV-	8081_8082A_608.M	6	1.000	18 Jan 2022	01:16 pm
13) 011813.D 1254-CCV-	8081_8082A_608.M	7	1.000	18 Jan 2022	01:26 pm

Data Directory: D:\GC-16\Data\2022\012122\

SampleName	MiscInfo	Vial	Multiplier	Injection Time	
1) 012121.D No data found	8081_8082A_608.M		0.000	N/A	
2) 012101.D CO	8081_8082A_608.M	6	1.000	21 Jan 2022	08:59 am
3) 012102.D co	8081_8082A_608.M	7	1.000	21 Jan 2022	09:08 am
4) 012103.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Jan 2022	09:18 am
5) 012104.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Jan 2022	09:28 am
6) 012105.D MB-35102	8081_8082A_608.M	41	1.000	21 Jan 2022	11:03 am
7) 012106.D LCS1-35102	8081_8082A_608.M	42	1.000	21 Jan 2022	11:13 am
8) 012107.D LCS2-35102	8081_8082A_608.M	43	1.000	21 Jan 2022	11:22 am
9) 012108.D 2112301-031A	8081_8082A_608.M	44	1.000	21 Jan 2022	11:32 am
10) 012109.D 2201269-001A	8081_8082A_608.M	45	1.000	21 Jan 2022	11:42 am
11) 012110.D 2201269-001AMS	8081_8082A_608.M	46	1.000	21 Jan 2022	11:52 am
12) 012111.D 2201269-001AMSD	8081_8082A_608.M	47	1.000	21 Jan 2022	12:02 pm
13) 012112.D 2201269-004A	8081_8082A_608.M	48	1.000	21 Jan 2022	12:11 pm
14) 012113.D 2112277-047A	8081_8082A_608.M	49	1.000	21 Jan 2022	12:21 pm
15) 012114.D 2112277-065A	8081_8082A_608.M	50	1.000	21 Jan 2022	12:31 pm
16) 012115.D 2201142-036A	8081_8082A_608.M	51	1.000	21 Jan 2022	12:41 pm
17) 012116.D 2201139-019A	8081_8082A_608.M	52	1.000	21 Jan 2022	12:51 pm
18) 012117.D co	8081_8082A_608.M	7	1.000	21 Jan 2022	01:01 pm
19) 012118.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Jan 2022	01:10 pm
20) 012119.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Jan 2022	01:20 pm
21) 012120.D 1242-CCV-	8081_8082A_608.M	8	1.000	21 Jan 2022	02:14 pm



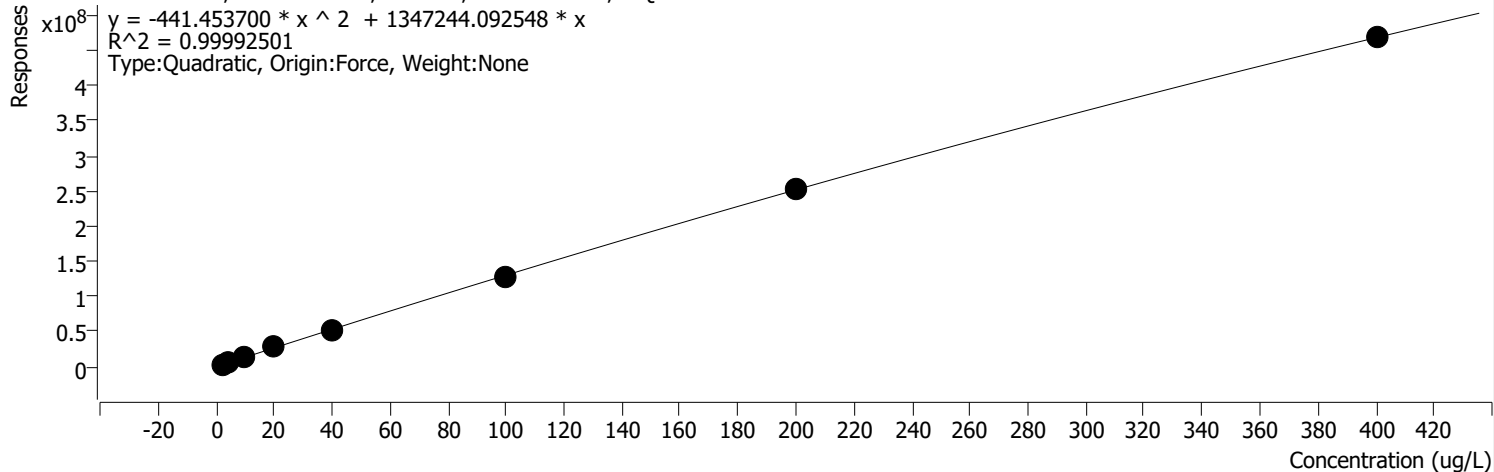
Calibration

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:03 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE =

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



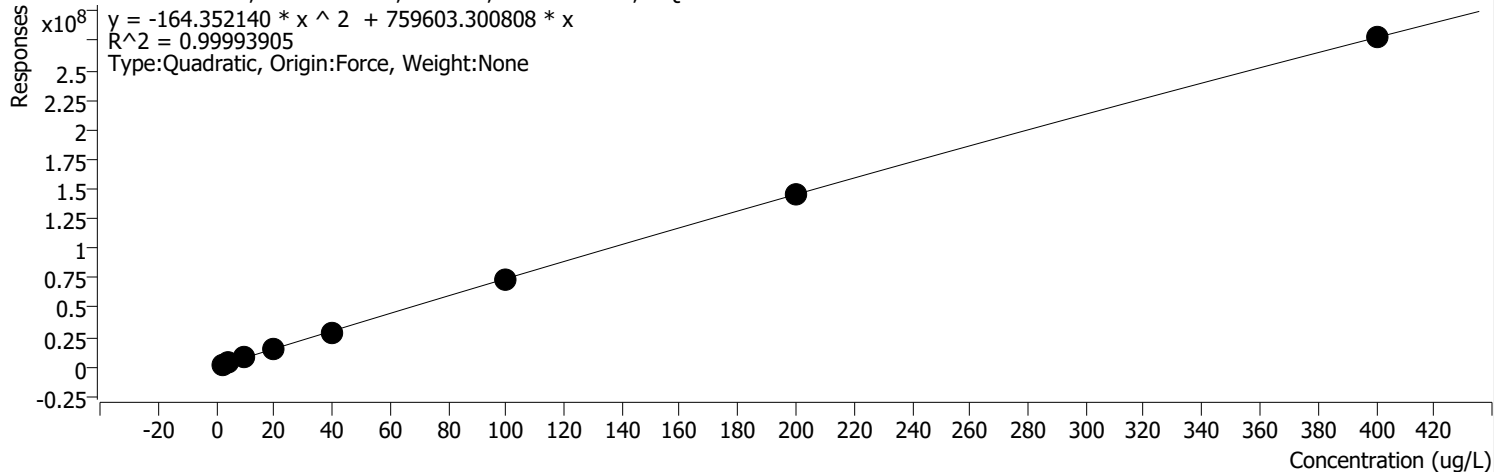
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	3112606	2.0000	1556303.2353	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	5987105	4.0000	1496776.2325	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	14133613	10.0000	1413361.2648	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	28037354	20.0000	1401867.7024	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	50268557	40.0000	1256713.9292	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	129331209	100.0000	1293312.0925	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	253231815	200.0000	1266159.0745	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	467991390	400.0000	1169978.4744	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE =

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

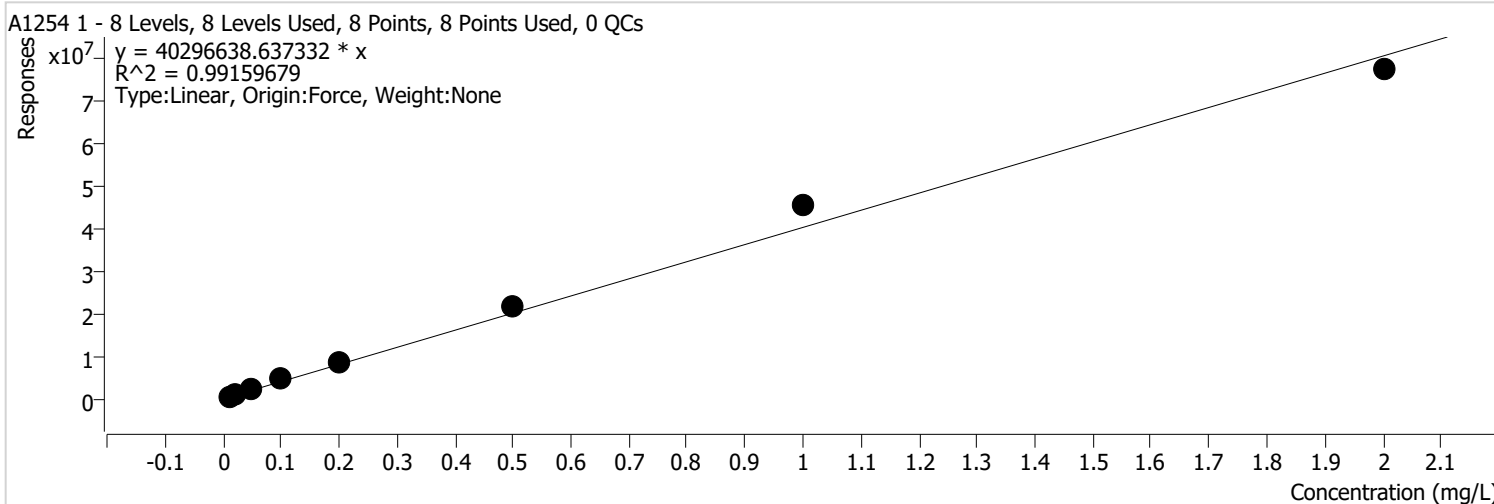


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1747536	2.0000	873767.8020	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3355011	4.0000	838752.6380	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	7906471	10.0000	790647.0906	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	15333111	20.0000	766655.5528	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	28540689	40.0000	713517.2319	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	73719827	100.0000	737198.2735	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	146274925	200.0000	731374.6273	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	277365247	400.0000	693413.1187	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE = 27.7

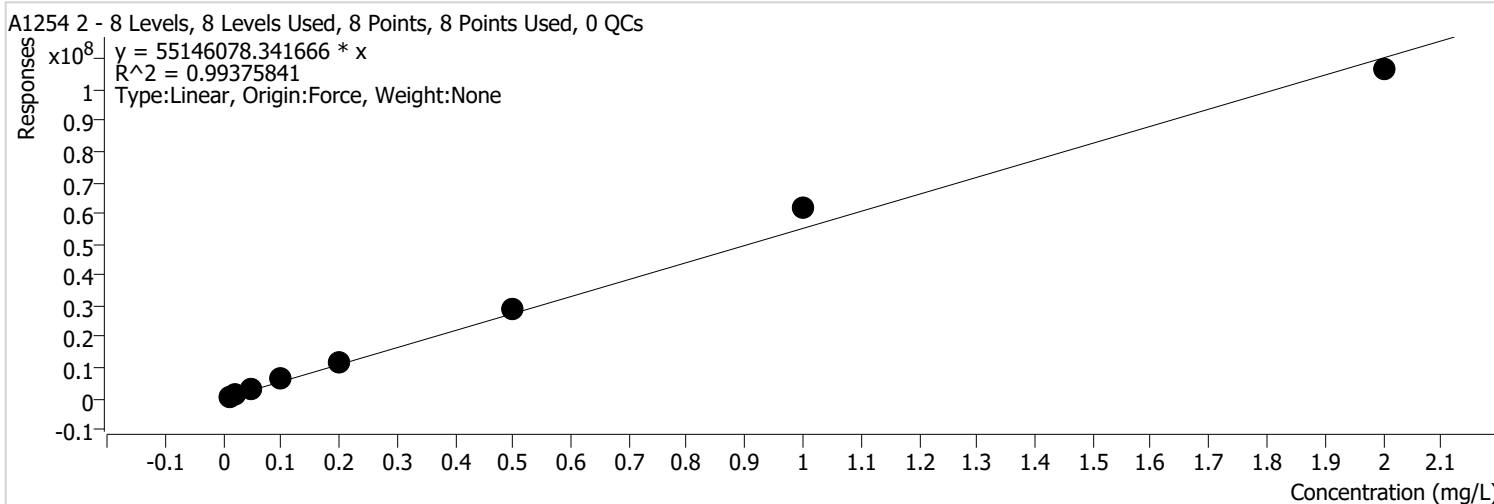


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	573523	0.0100	57352267 .4014	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1097096	0.0200	54854822 .0462	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2571334	0.0500	51426677 .3242	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4850080	0.1000	48500798 .7335	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8688904	0.2000	43444520 .7125	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	21613150	0.5000	43226300 .7013	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	45839065	1.0000	45839065 .3357	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	77334201	2.0000	38667100 .3795	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 %RSE = 25.1



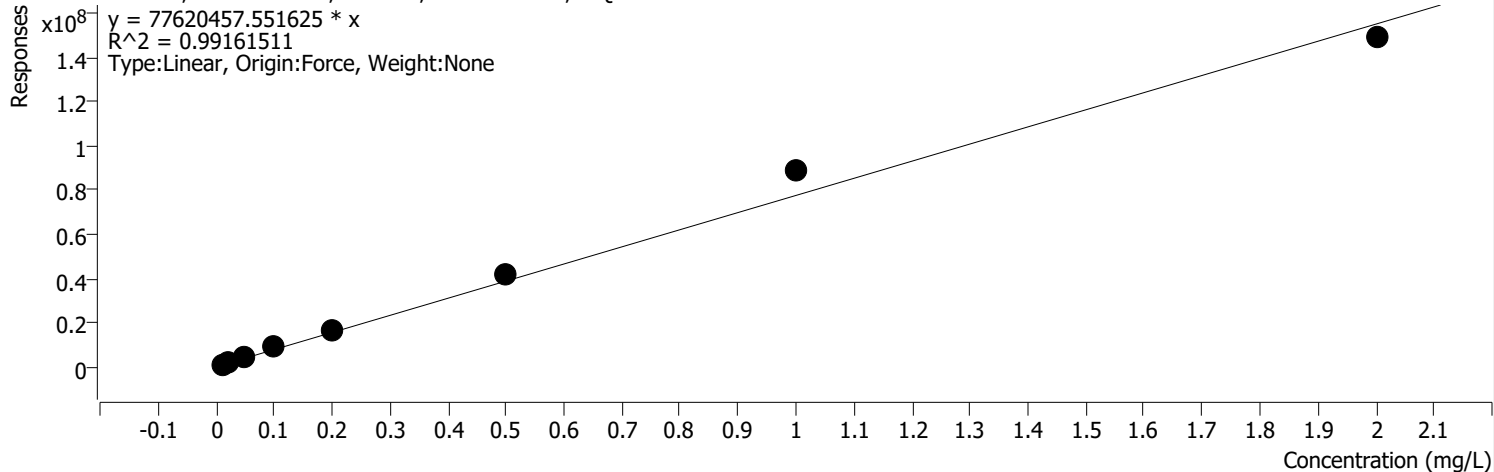
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	744054	0.0100	74405372 .2567	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1490100	0.0200	74504983 .0310	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3523234	0.0500	70464671 .0095	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6497170	0.1000	64971695 .9121	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11711269	0.2000	58556347 .3659	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29266351	0.5000	58532701 .2157	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	61701655	1.0000	61701654 .5006	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	106449724	2.0000	53224862 .1449	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE = 30.4

A1254 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

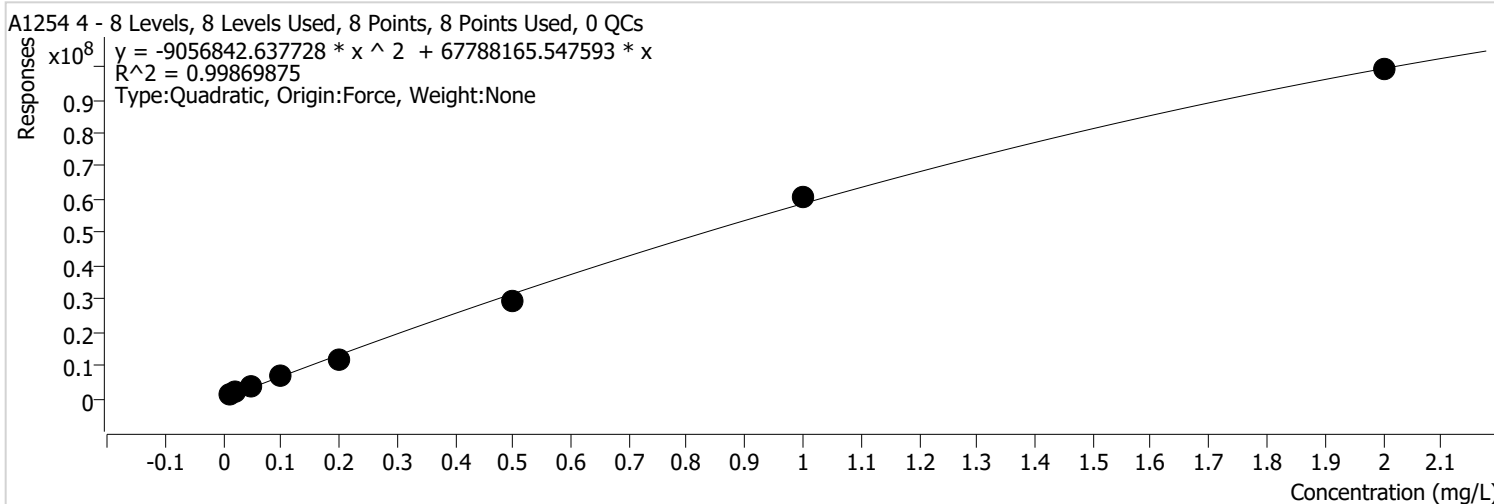


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1157188	0.0100	11571877 1.6595	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2204641	0.0200	11023205 9.7779	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4963794	0.0500	99275879 .1927	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9090132	0.1000	90901319 .8798	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	16261865	0.2000	81309326 .1013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	41588015	0.5000	83176030 .1804	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	88389174	1.0000	88389173 .9690	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	148986432	2.0000	74493216 .0601	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 %RSE = 33.7

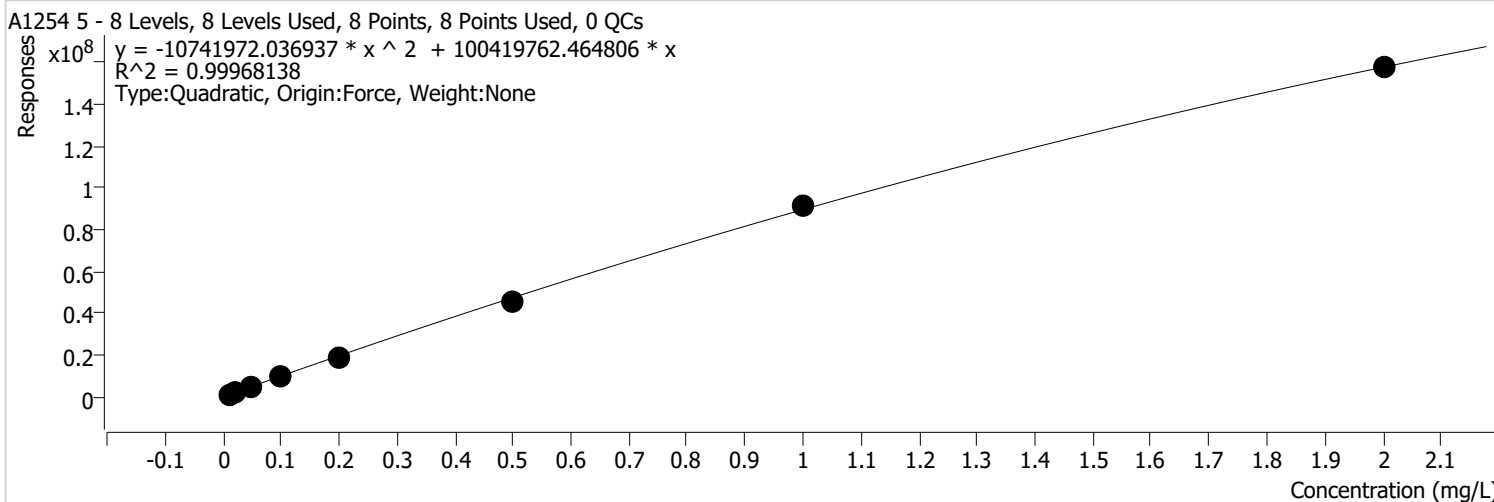


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1034675	0.0100	10346747 0.3164	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2019129	0.0200	10095645 5.4799	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3887202	0.0500	77744031 .4539	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6688577	0.1000	66885769 .2913	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11730547	0.2000	58652733 .3282	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29549445	0.5000	59098890 .3992	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	60734640	1.0000	60734639 .8071	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	98992404	2.0000	49496202 .1970	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE = 3.8

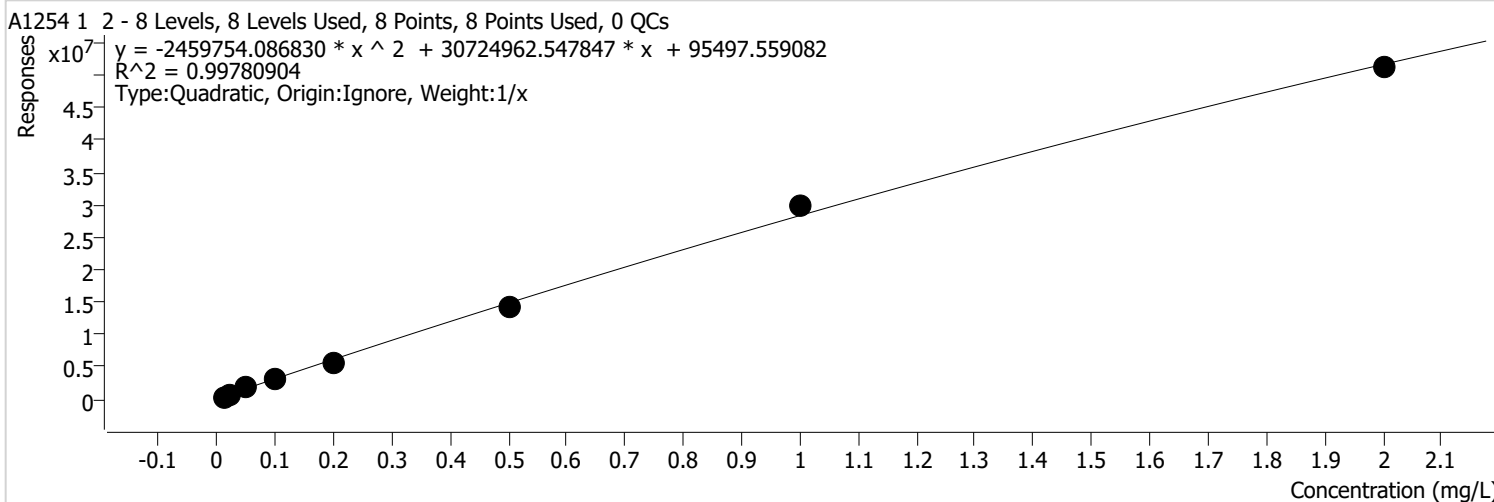


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1012163	0.0100	10121631 0.0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2031310	0.0200	10156552 4.7143	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4906928	0.0500	98138565 .5000	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9392843	0.1000	93928430 .8547	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	18912153	0.2000	94560767 .1996	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	45747749	0.5000	91495497 .2404	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	91387604	1.0000	91387603 .9391	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	157564050	2.0000	78782025 .2102	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin		
Analysis Time	11/18/2021 12:26 PM	Analyst Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Reporter Name	FA\GC1625
Last Calib Update	11/18/2021 12:26 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 1 2 %RSE = 11.9

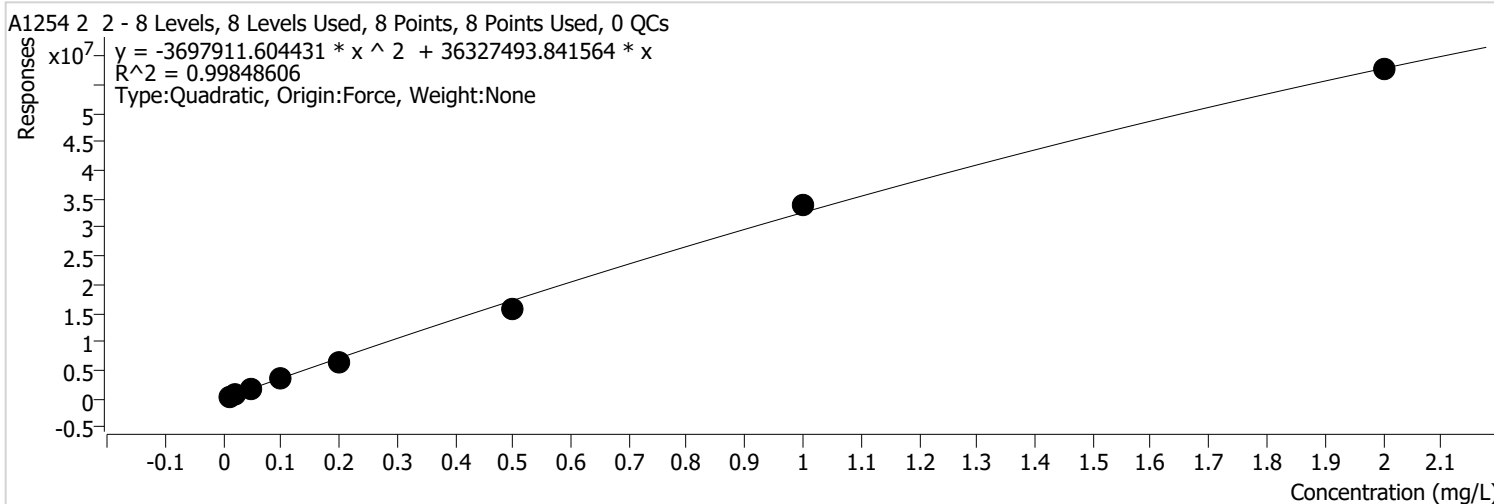


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	350412	0.0100	35041220 .0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	796688	0.0200	39834388 .4825	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1764954	0.0500	35299074 .8457	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3201582	0.1000	32015815 .2427	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	5692544	0.2000	28462717 .9013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	14066030	0.5000	28132060 .8995	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	29883184	1.0000	29883184 .1128	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	51177366	2.0000	25588682 .9284	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 2 %RSE = 16.2

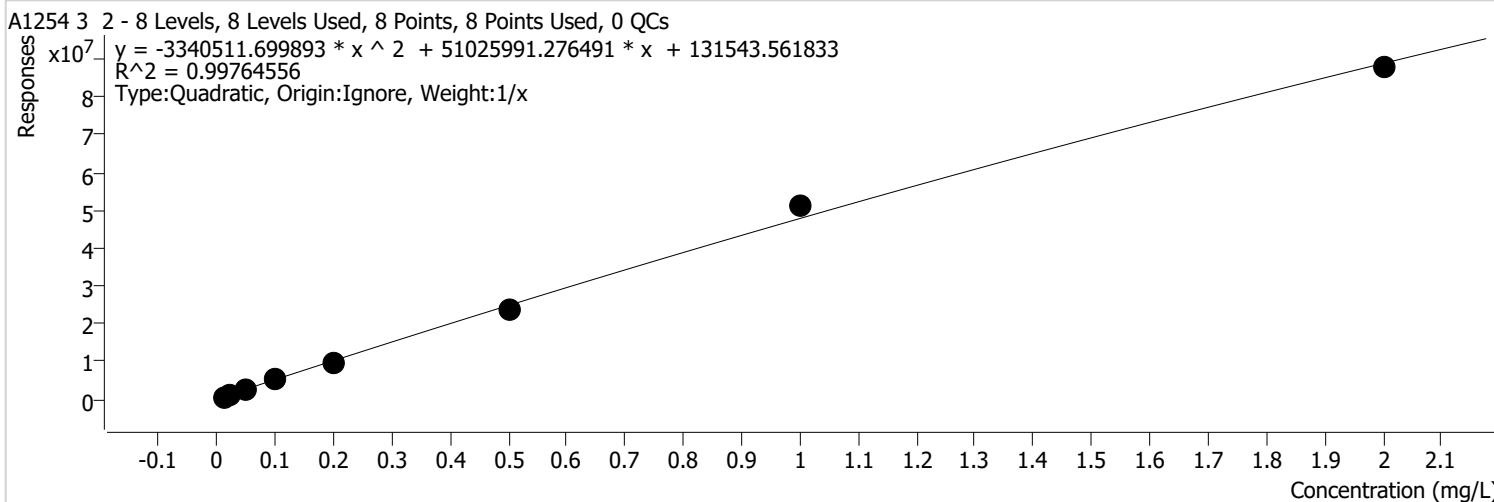


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	461435	0.0100	46143484 .7645	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	850241	0.0200	42512054 .6772	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1937642	0.0500	38752837 .2010	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3562499	0.1000	35624993 .2739	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6350412	0.2000	31752060 .0757	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	15814825	0.5000	31629649 .1212	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	33960776	1.0000	33960775 .9612	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	57627229	2.0000	28813614 .4715	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin		
Analysis Time	11/18/2021 12:26 PM	Analyst Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Reporter Name	FA\GC1625
Last Calib Update	11/18/2021 12:26 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 3 2 %RSE = 6.6

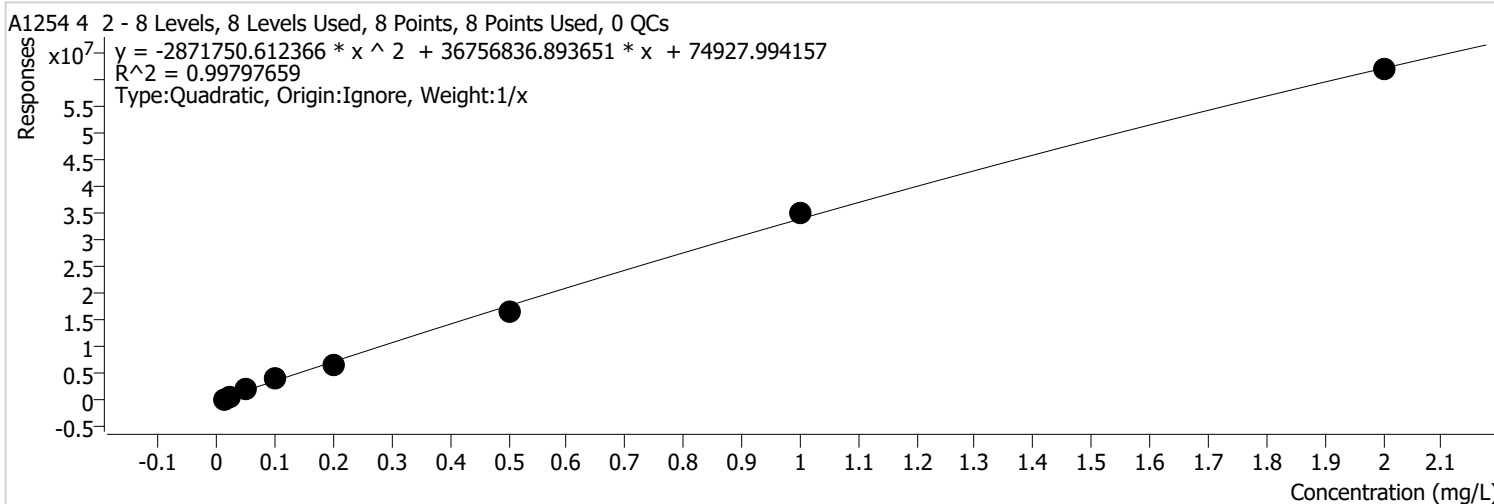


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	633860	0.0100	63386044 .1039	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1210006	0.0200	60500280 .4478	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2785795	0.0500	55715899 .9627	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	5196055	0.1000	51960547 .7509	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	9302962	0.2000	46514810 .0909	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	23599607	0.5000	47199214 .4840	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	50941643	1.0000	50941642 .7440	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	87648533	2.0000	43824266 .6378	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin		
Analysis Time	11/18/2021 12:26 PM	Analyst Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Reporter Name	FA\GC1625
Last Calib Update	11/18/2021 12:26 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 4 2 %RSE = 13.4



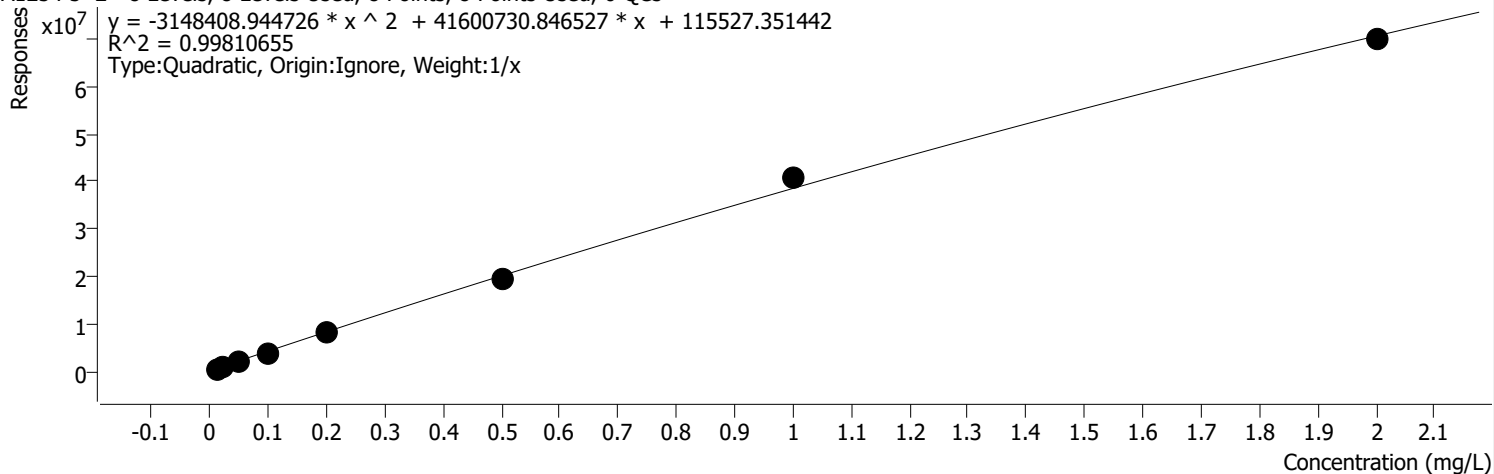
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	361993	0.0100	36199272 .8077	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	859897	0.0200	42994858 .0057	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2130173	0.0500	42603465 .9972	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4146889	0.1000	41468894 .7934	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6853477	0.2000	34267386 .0557	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	16779588	0.5000	33559175 .5747	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	35031313	1.0000	35031312 .9376	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	61823727	2.0000	30911863 .4999	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 2 %RSE = 11.4

A1254 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



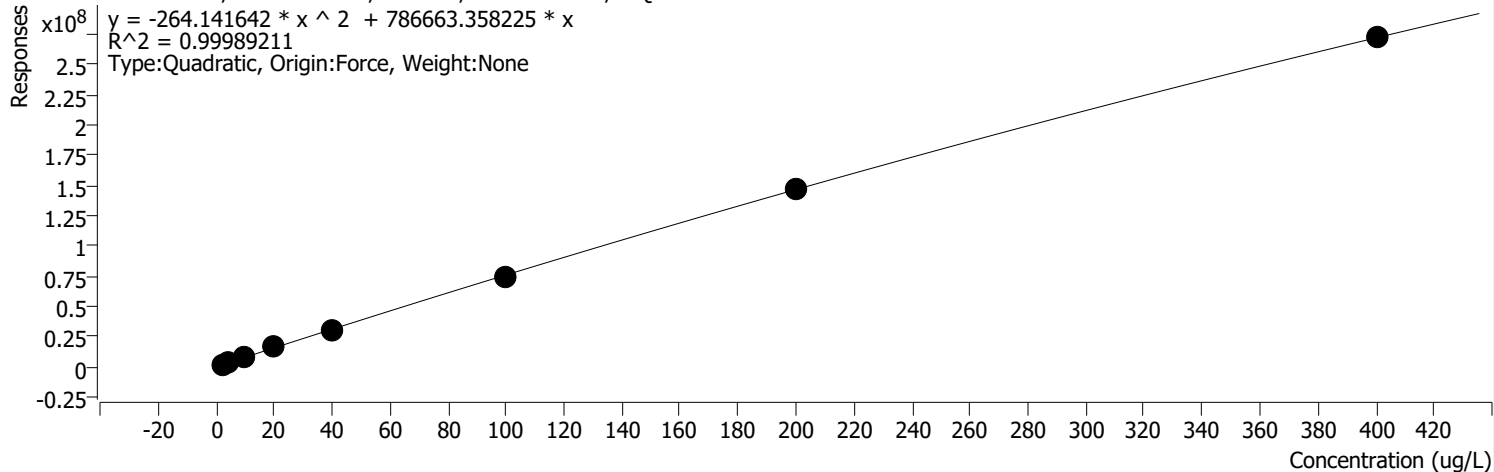
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	496146	0.0100	49614596 .3803	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1116535	0.0200	55826774 .5691	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2201385	0.0500	44027706 .0840	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3840360	0.1000	38403604 .2790	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8010151	0.2000	40050753 .2688	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	19426064	0.5000	38852127 .2101	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	40634328	1.0000	40634327 .6281	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	69914073	2.0000	34957036 .3940	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

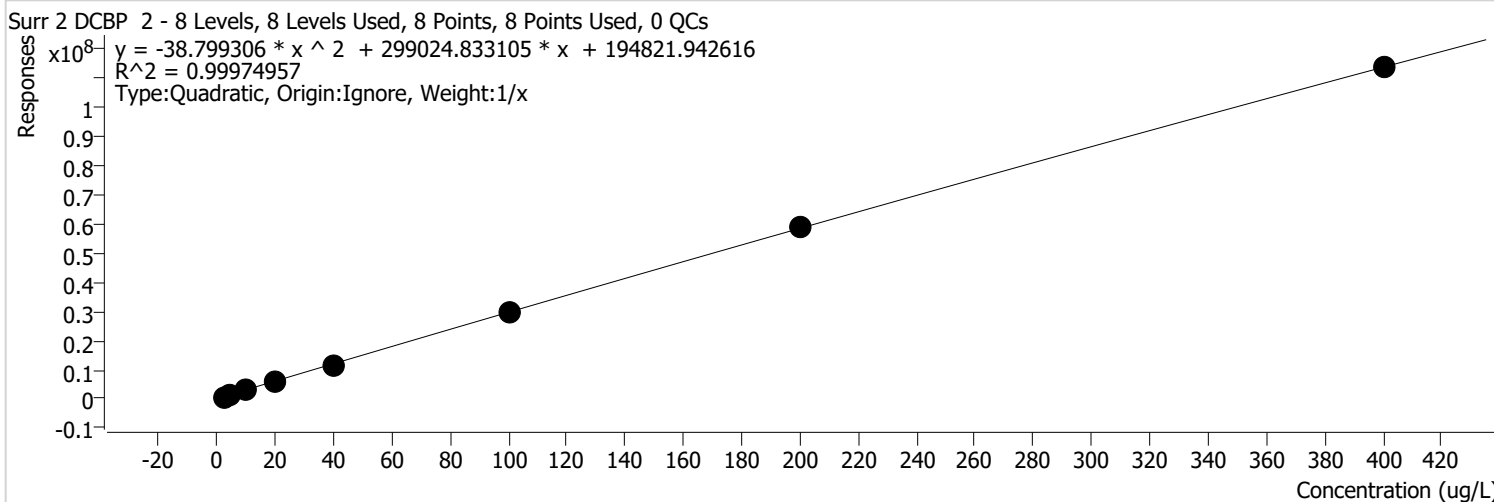


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1999822	2.0000	999910.8000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3976085	4.0000	994021.2125	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	9141741	10.0000	914174.0999	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	17384365	20.0000	869218.2664	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	30399135	40.0000	759978.3648	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	75189580	100.0000	751895.7972	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	147123426	200.0000	735617.1307	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	272366933	400.0000	680917.3313	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE =



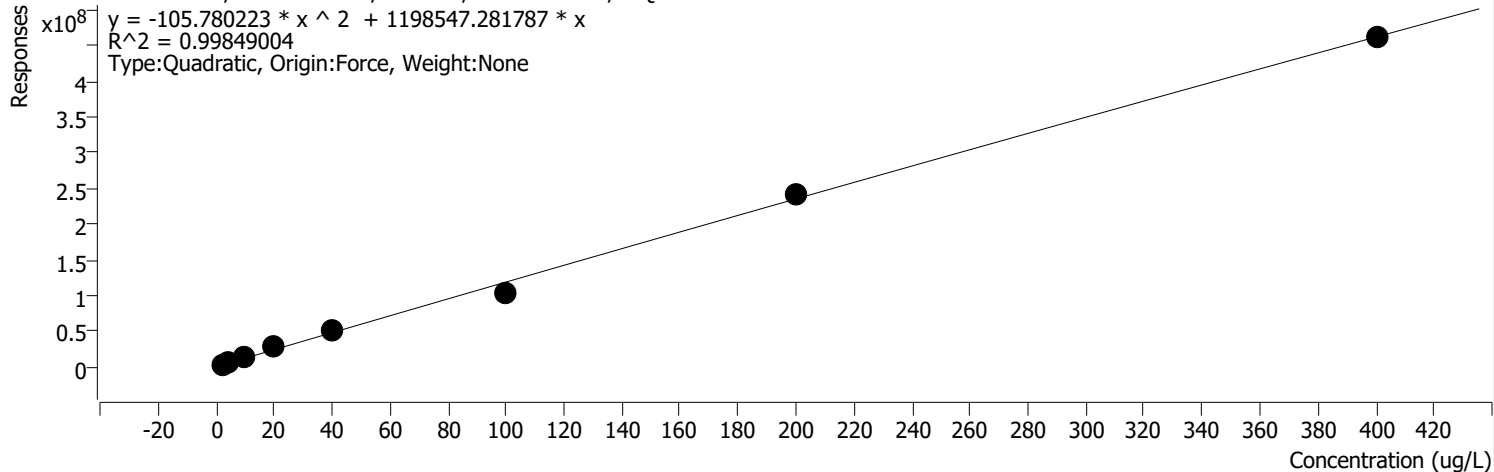
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	754197	2.0000	377098.3 123	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1426478	4.0000	356619.5 872	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3335767	10.0000	333576.6 500	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6312805	20.0000	315640.2 460	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11515852	40.0000	287896.2 957	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29640063	100.0000	296400.6 277	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	59004770	200.0000	295023.8 494	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	113381806	400.0000	283454.5 159	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:15 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE = 17.6

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

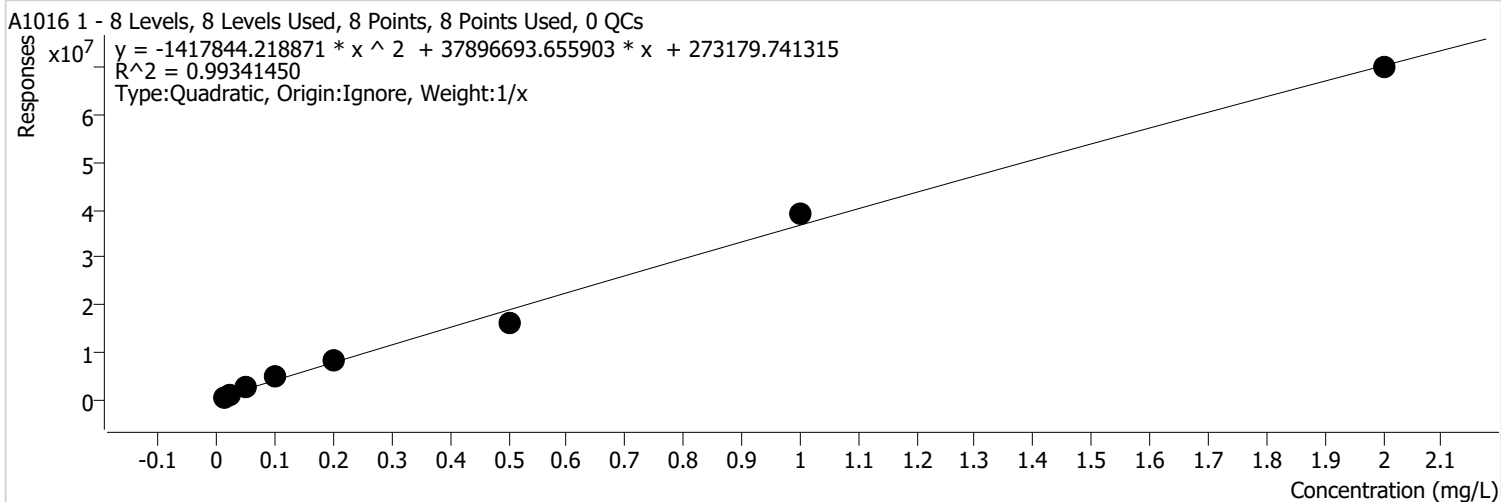


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	2934536	2.0000	1467267.9537	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	5764984	4.0000	1441245.9265	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	13779442	10.0000	1377944.1841	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	27573950	20.0000	1378697.5191	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	50569974	40.0000	1264249.3507	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	105302817	100.0000	1053028.1711	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	243674022	200.0000	1218370.1118	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	461250190	400.0000	1153125.4750	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 %RSE = 17.5

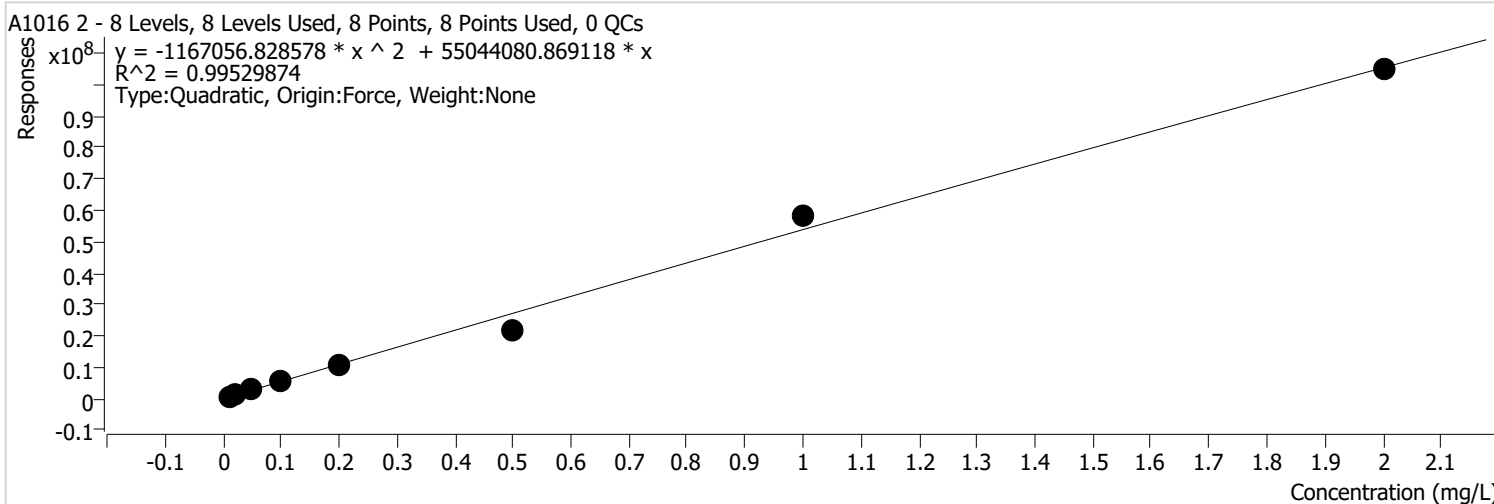


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	558685	0.0100	55868473 .3413	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1003803	0.0200	50190161 .2263	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2480232	0.0500	49604637 .6594	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	4720689	0.1000	47206890 .0322	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	8101627	0.2000	40508136 .7500	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	15925208	0.5000	31850416 .0243	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	38960423	1.0000	38960422 .5481	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	69955115	2.0000	34977557 .3342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 %RSE = 15.4



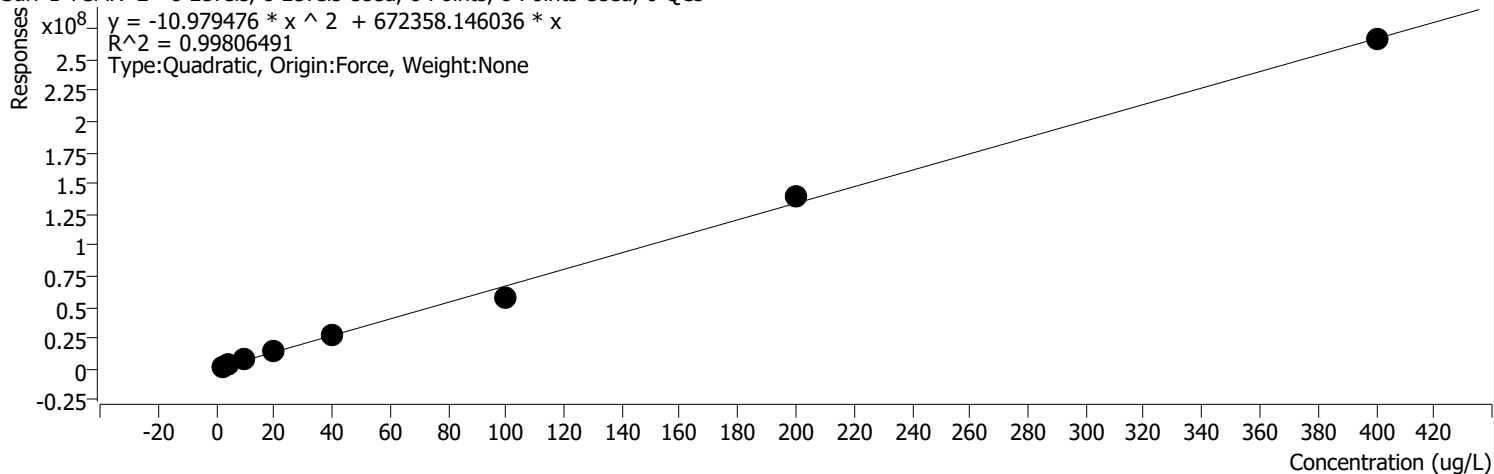
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	682922	0.0100	68292227.5427	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1196019	0.0200	59800948.1390	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2936183	0.0500	58723652.8497	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5786440	0.1000	57864400.5083	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10635390	0.2000	53176951.8044	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21896785	0.5000	43793570.7927	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57914319	1.0000	57914319.3448	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104746357	2.0000	52373178.6342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE = 16.8

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

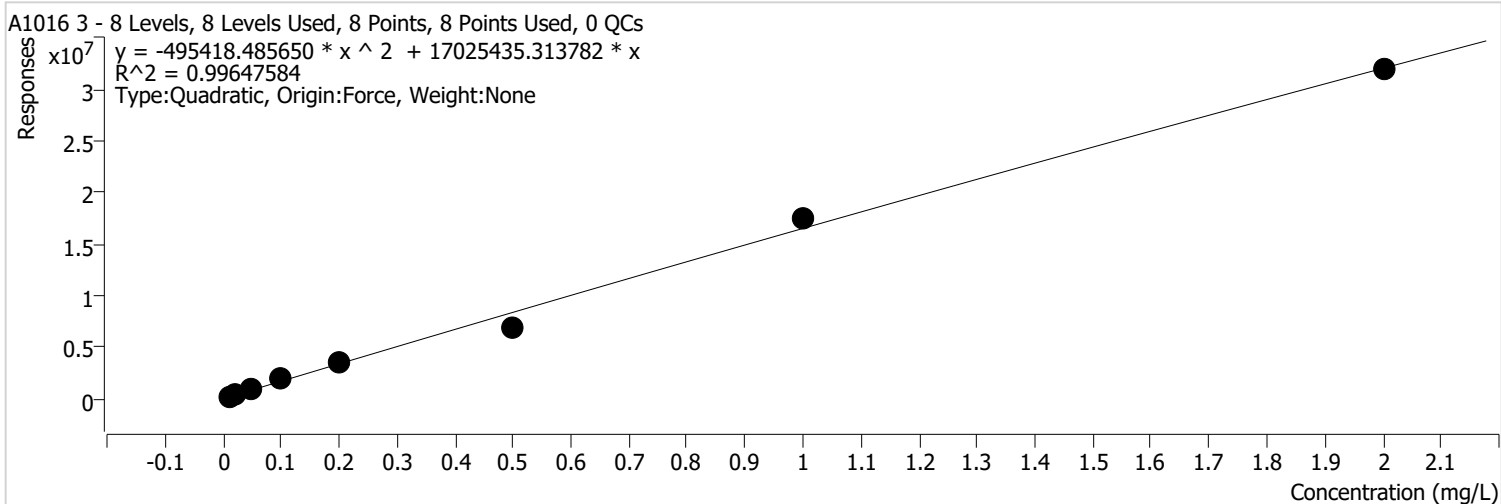


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	3190258	4.0000	797564.6 113	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	7598580	10.0000	759857.9 508	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15089134	20.0000	754456.7 026	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	28036116	40.0000	700902.8 912	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	58260955	100.0000	582609.5 468	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	139839684	200.0000	699198.4 179	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	266272486	400.0000	665681.2 142	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 %RSE = 19.6

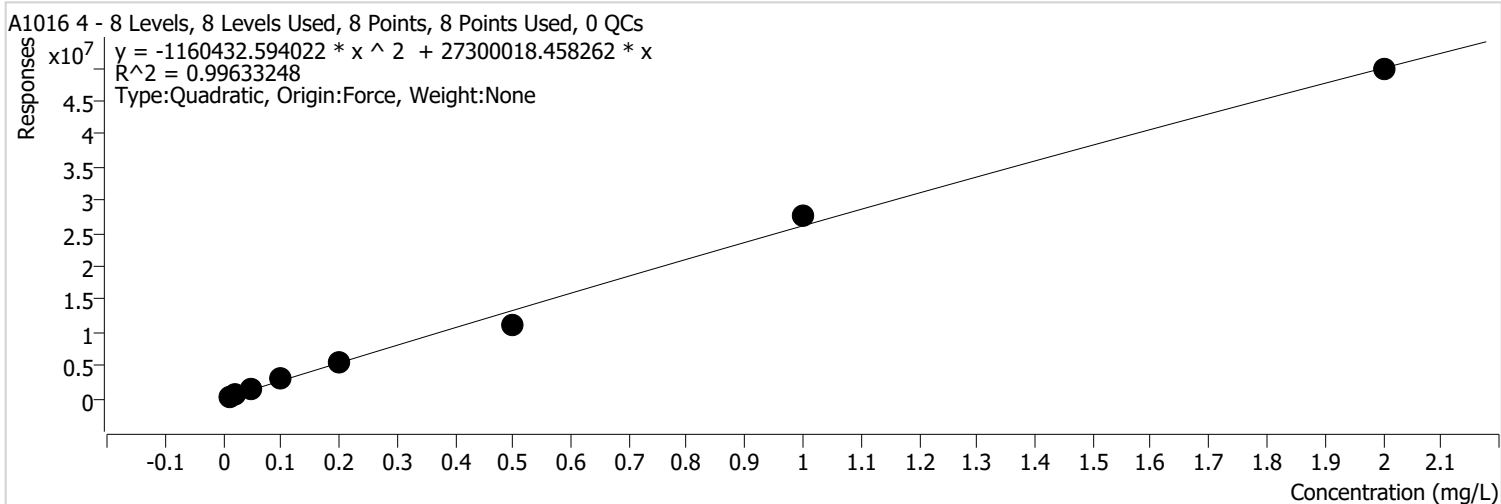


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	210732	0.0100	21073192 .4330	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	422272	0.0200	21113585 .1916	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	994908	0.0500	19898155 .8441	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1884570	0.1000	18845697 .4311	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3547755	0.2000	17738773 .1109	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6948104	0.5000	13896208 .1278	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17498388	1.0000	17498388 .0114	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	31914959	2.0000	15957479 .6375	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 %RSE = 15.9

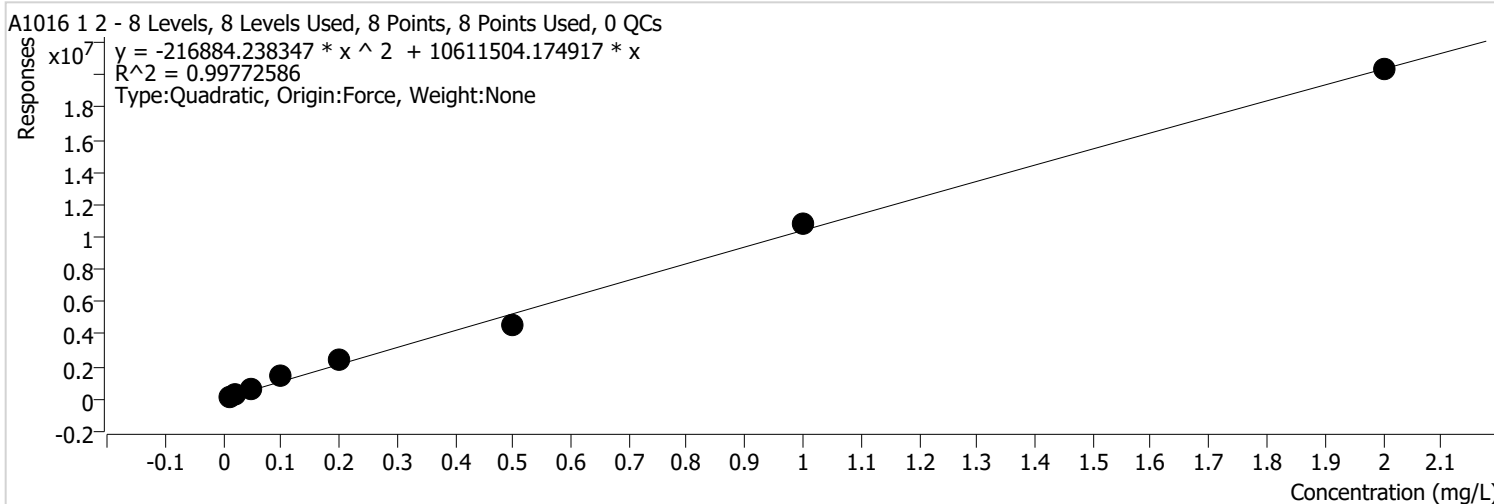


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	319731	0.0100	31973095 .1833	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	644811	0.0200	32240571 .2785	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1549198	0.0500	30983950 .7000	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2990136	0.1000	29901362 .4843	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5567504	0.2000	27837521 .2423	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11074643	0.5000	22149286 .8012	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27723383	1.0000	27723382 .7603	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49702839	2.0000	24851419 .6806	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 2 %RSE = 36.9

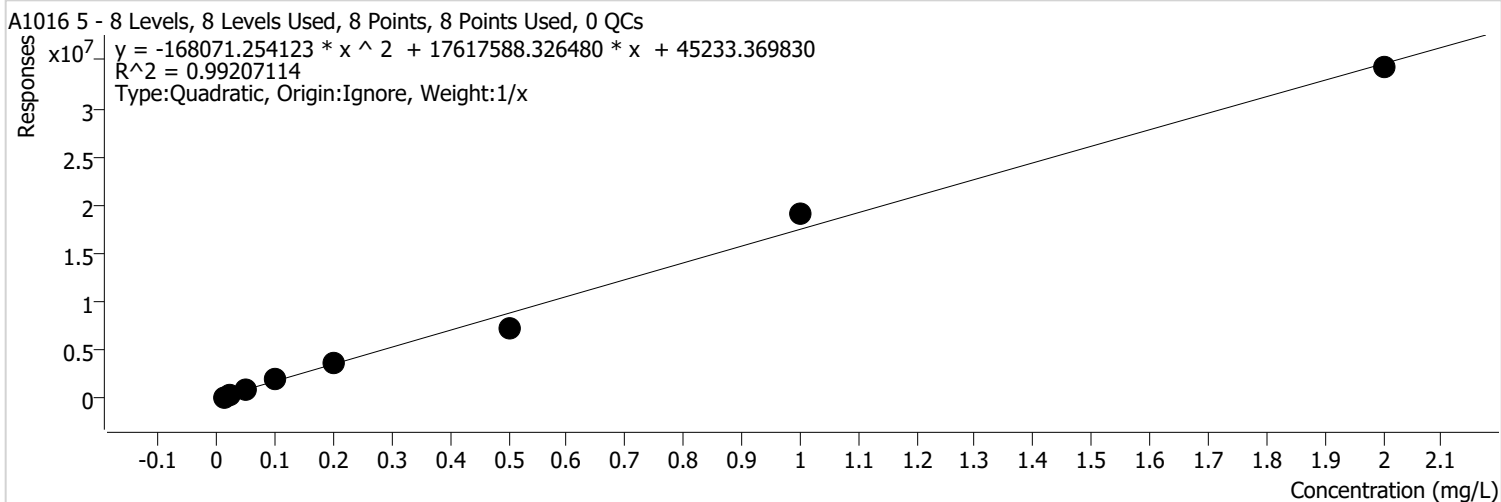


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	162196	0.0100	16219643 .7222	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	304001	0.0200	15200055 .7967	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	679286	0.0500	13585712 .4859	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1393721	0.1000	13937209 .0817	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	2360368	0.2000	11801842 .3994	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	4564234	0.5000	9128468. 2637	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	10738358	1.0000	10738358 .4993	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	20309085	2.0000	10154542 .3310	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 %RSE = 16.3

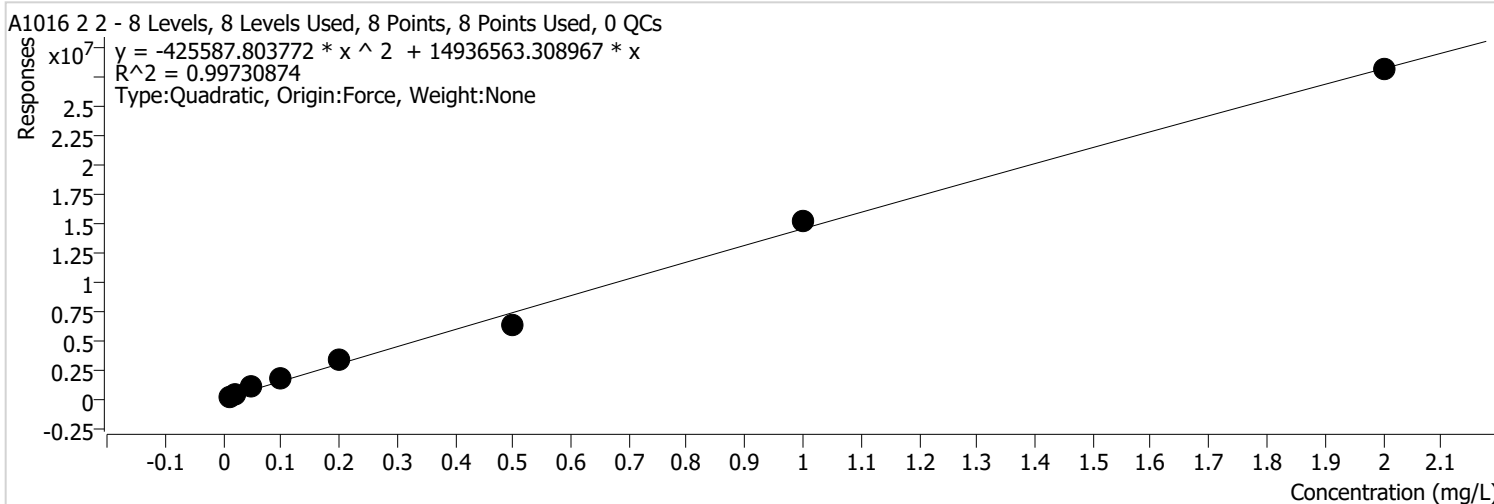


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	180270	0.0100	18026977 .2852	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	414516	0.0200	20725823 .0790	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1035989	0.0500	20719782 .8600	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2039362	0.1000	20393624 .8763	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3662990	0.2000	18314948 .2969	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7236474	0.5000	14472948 .5739	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	19064725	1.0000	19064724 .7814	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	34192501	2.0000	17096250 .6060	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 2 %RSE = 31.5

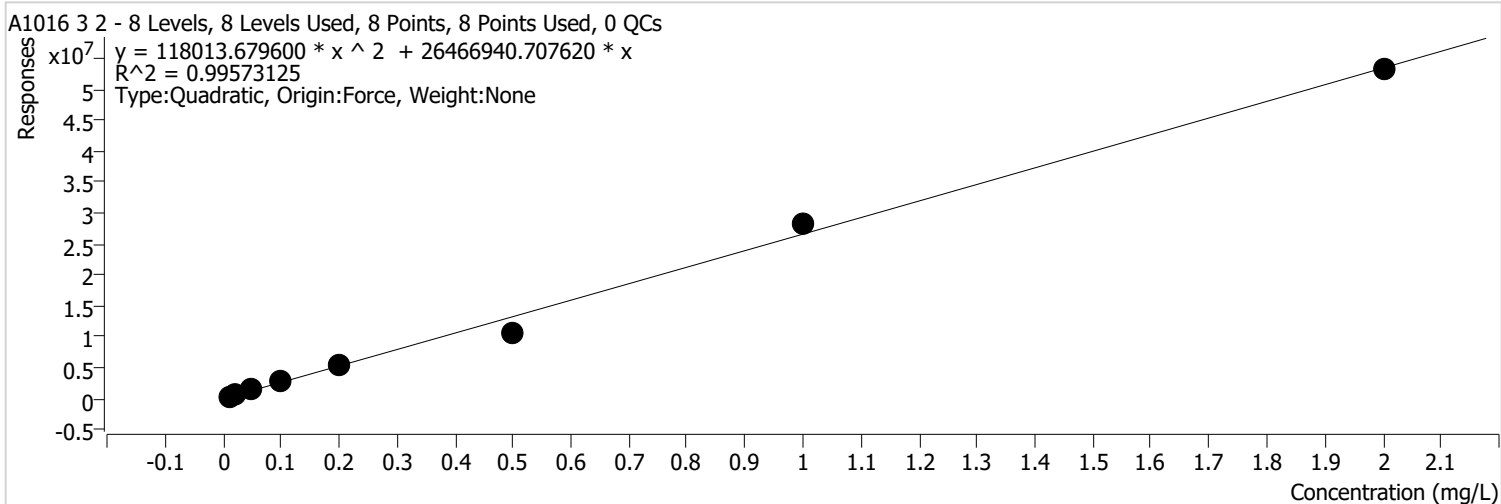


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	214219	0.0100	21421890 .2015	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	418252	0.0200	20912585 .1103	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	949932	0.0500	18998635 .4300	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1786478	0.1000	17864779 .8493	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3229064	0.2000	16145320 .8774	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6271490	0.5000	12542979 .3358	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15153231	1.0000	15153230 .5254	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28074890	2.0000	14037444 .8486	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 2 %RSE = 21.5

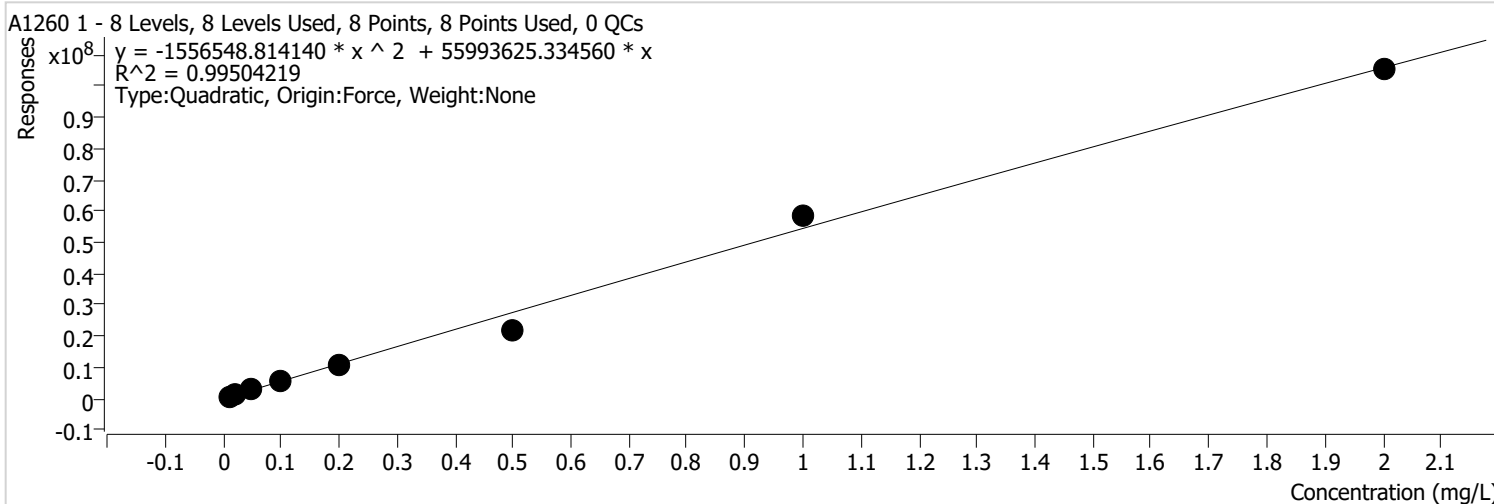


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	347226	0.0100	34722593 .4911	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	653143	0.0200	32657143 .5971	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1516050	0.0500	30321003 .8760	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2962224	0.1000	29622239 .9393	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5319469	0.2000	26597344 .2684	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10659811	0.5000	21319621 .4292	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	28444607	1.0000	28444607 .3592	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	53102586	2.0000	26551293 .2057	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 %RSE = 18.0

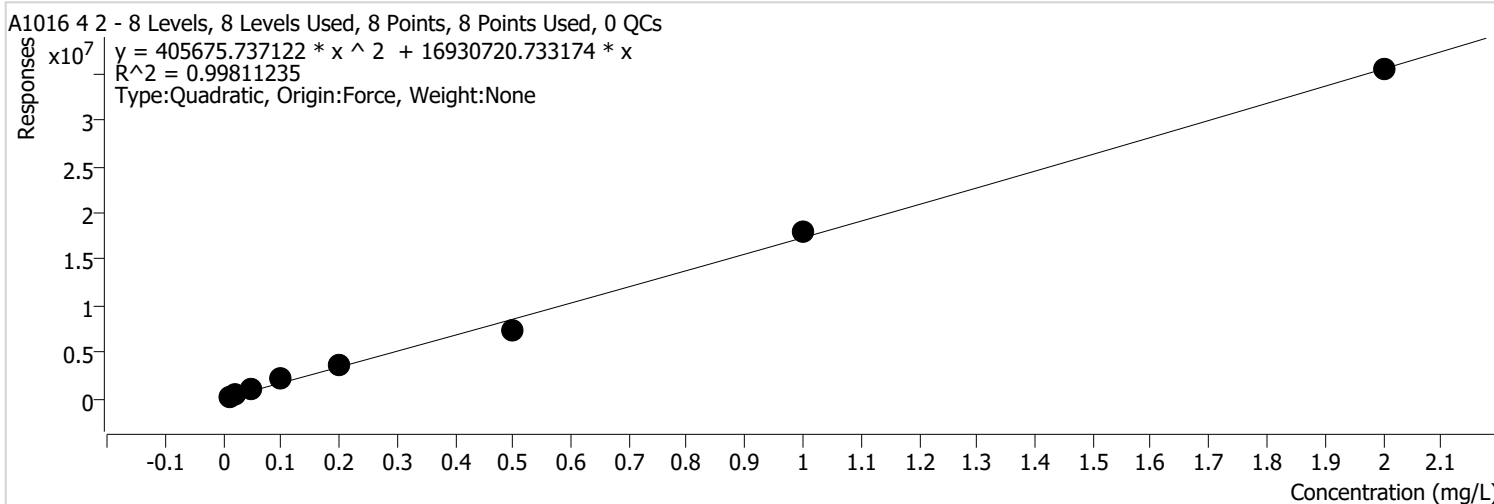


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	693316	0.0100	69331613 .7729	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1319661	0.0200	65983040 .6672	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3170575	0.0500	63411497 .3457	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6062315	0.1000	60623150 .1718	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	11096841	0.2000	55484202 .9755	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	22046529	0.5000	44093058 .0075	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	58484147	1.0000	58484146 .8930	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105095802	2.0000	52547900 .8917	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 2 %RSE = 26.1



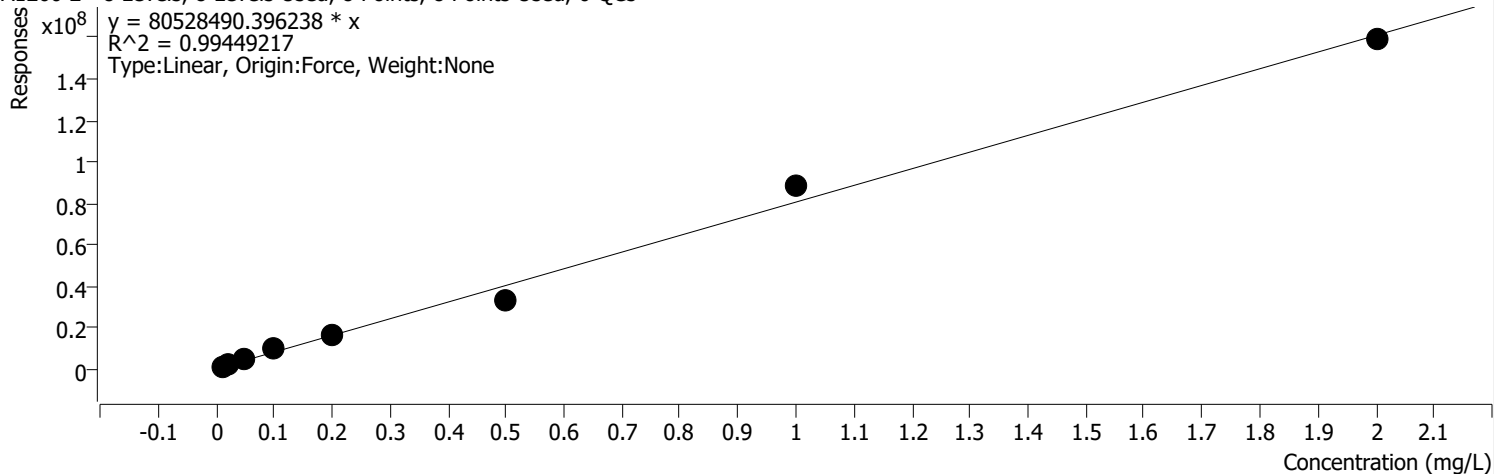
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	440280	0.0200	22013999 .9700	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1066664	0.0500	21333280 .1504	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2077680	0.1000	20776801 .7758	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3744000	0.2000	18719998 .8121	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7432530	0.5000	14865059 .5050	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17965306	1.0000	17965305 .8415	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	35393292	2.0000	17696645 .7608	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 %RSE = 19.9

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



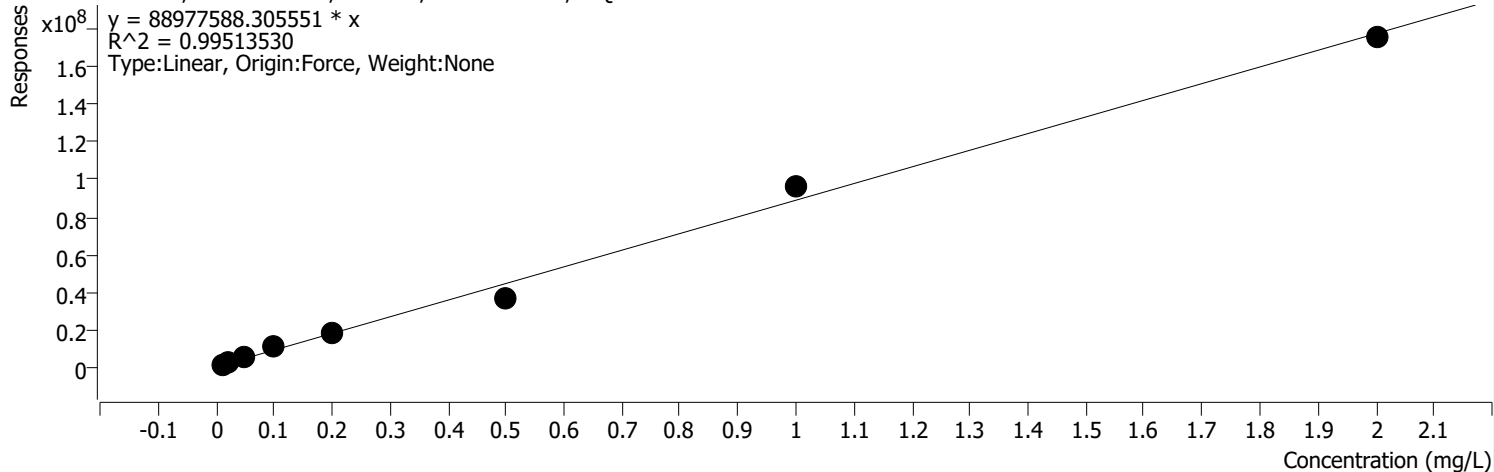
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1018393	0.0100	10183933 6.5289	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1983363	0.0200	99168147 .0755	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	4904582	0.0500	98091636 .1280	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	9246193	0.1000	92461928 .1525	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	16515515	0.2000	82577576 .6223	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	32893263	0.5000	65786525 .0817	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	88318086	1.0000	88318086 .2015	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	158877532	2.0000	79438766 .1175	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 %RSE = 19.0

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



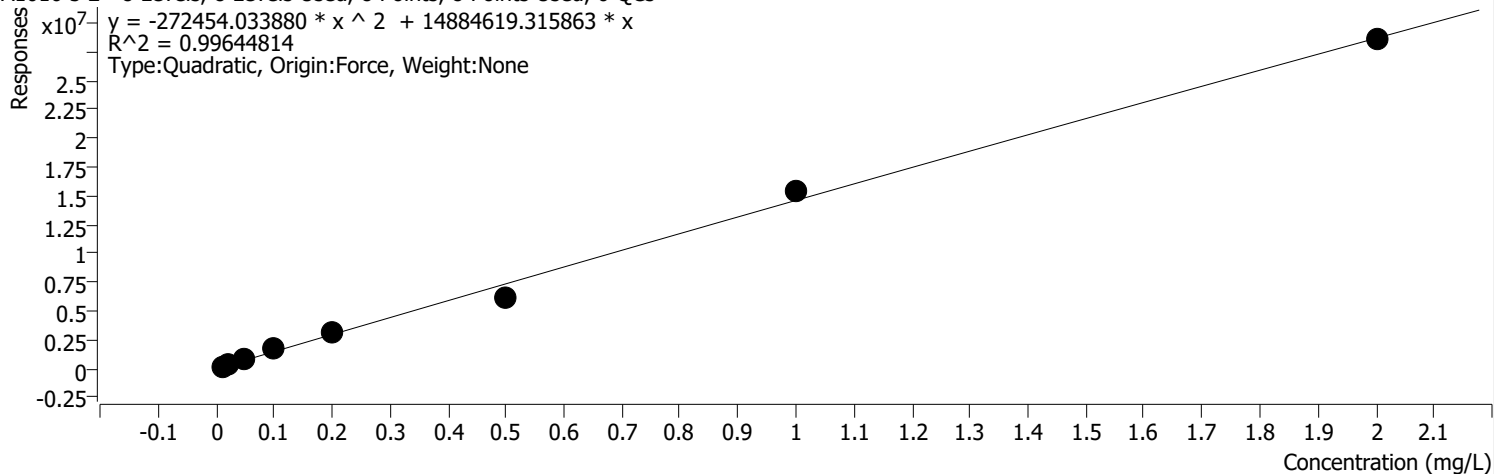
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1063326	0.0100	10633262 4.8270	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2266076	0.0200	11330379 4.8708	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	5339762	0.0500	10679524 0.0005	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	10233940	0.1000	10233939 7.3536	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	18655435	0.2000	93277174 .1700	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	36843220	0.5000	73686440 .8858	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	97001486	1.0000	97001485 .9821	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	175673815	2.0000	87836907 .6900	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 2 %RSE = 15.6

A1016 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

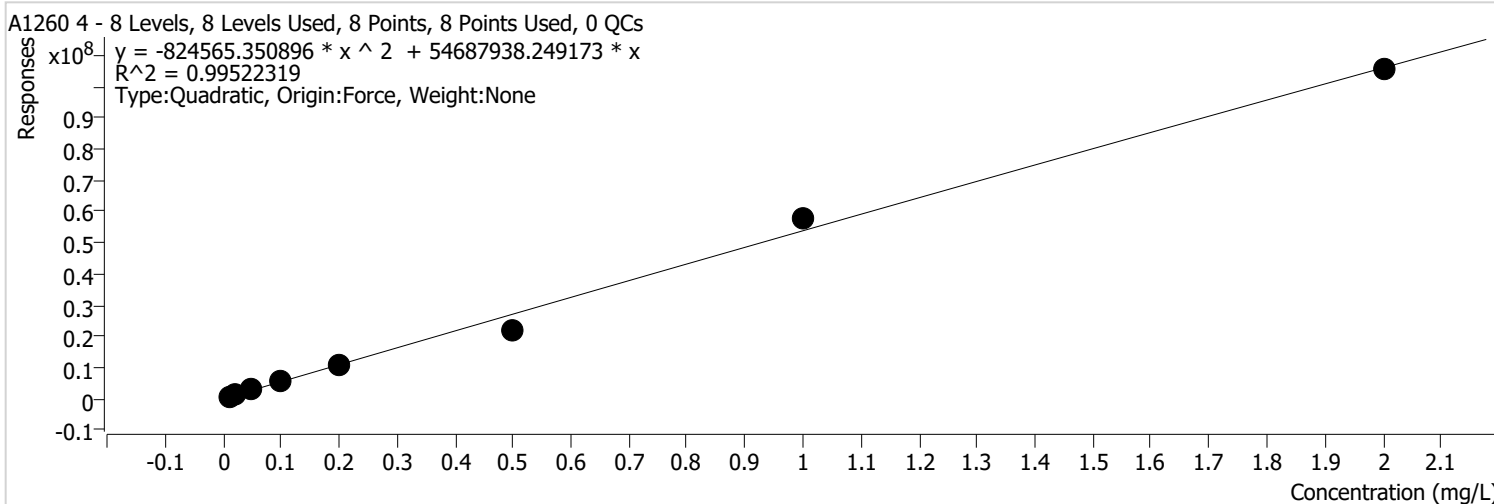


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	167242	0.0100	16724249 .4775	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	339072	0.0200	16953617 .7172	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	874896	0.0500	17497923 .2254	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1692048	0.1000	16920475 .0877	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3079390	0.2000	15396950 .2499	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6084661	0.5000	12169321 .9336	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15484491	1.0000	15484490 .7231	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28540201	2.0000	14270100 .4826	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 %RSE = 26.4

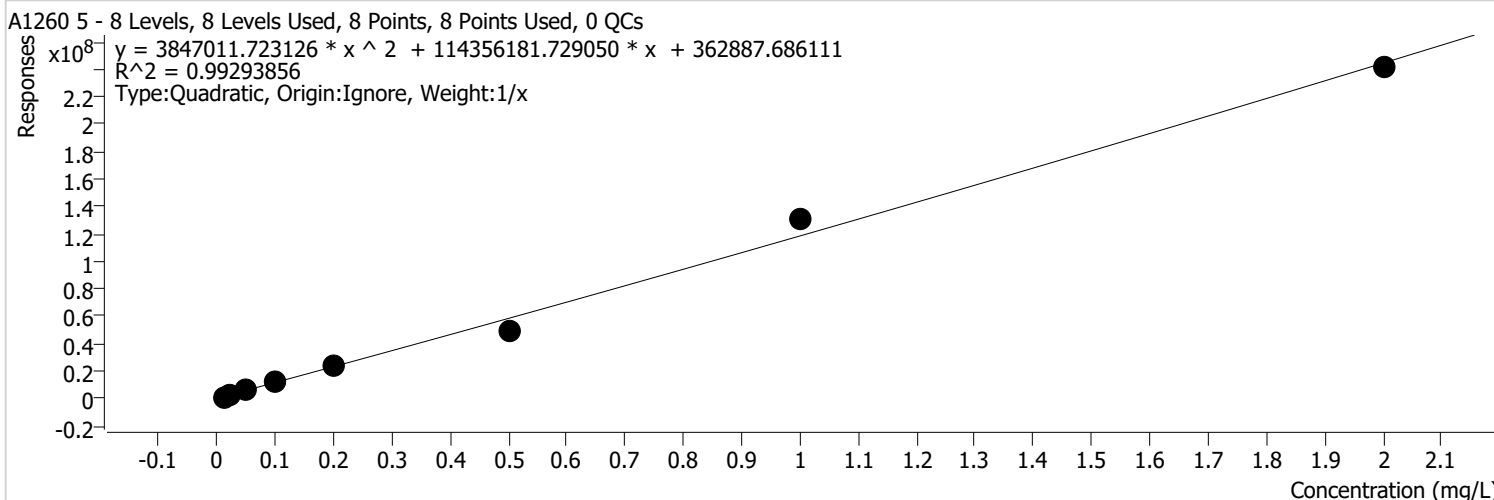


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	802961	0.0100	80296050 .2886	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1336301	0.0200	66815037 .1824	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3127375	0.0500	62547492 .6676	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6038966	0.1000	60389655 .9714	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10889214	0.2000	54446071 .0101	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21669221	0.5000	43338442 .2614	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57807238	1.0000	57807237 .5854	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105431867	2.0000	52715933 .5565	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 %RSE = 11.3

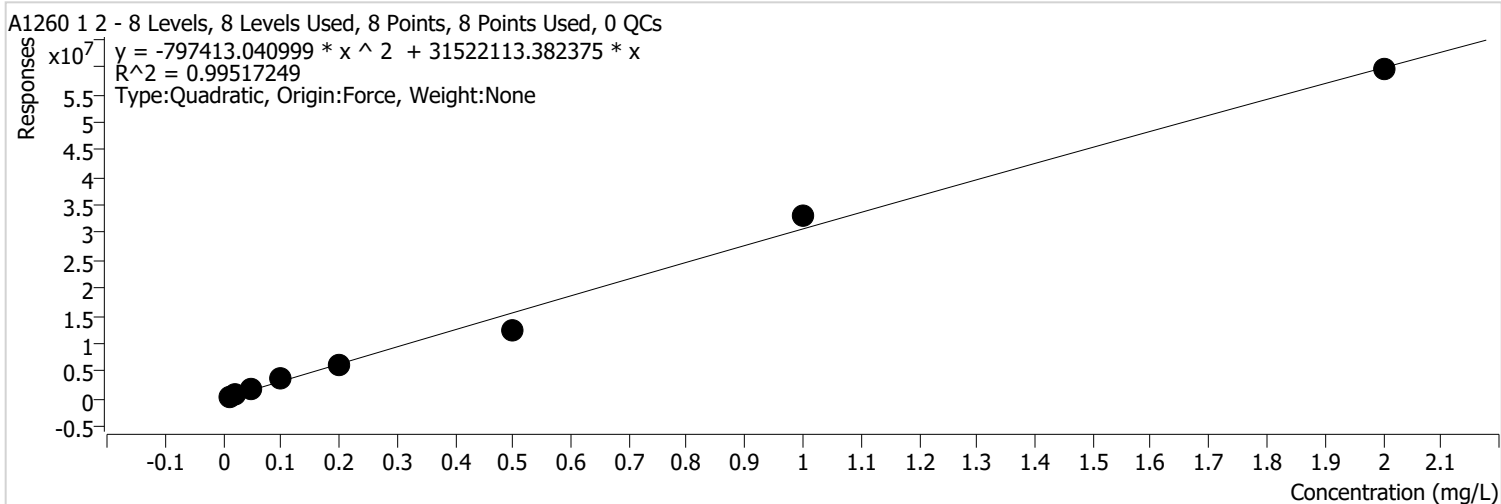


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2690941	0.0200	13454706 3.8572	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	6519981	0.0500	13039961 8.6371	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	12793202	0.1000	12793202 2.1217	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	23841366	0.2000	11920683 1.9695	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	48448879	0.5000	96897758 .9707	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	130343343	1.0000	13034334 3.3107	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	240984463	2.0000	12049223 1.4882	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 2 %RSE = 16.1



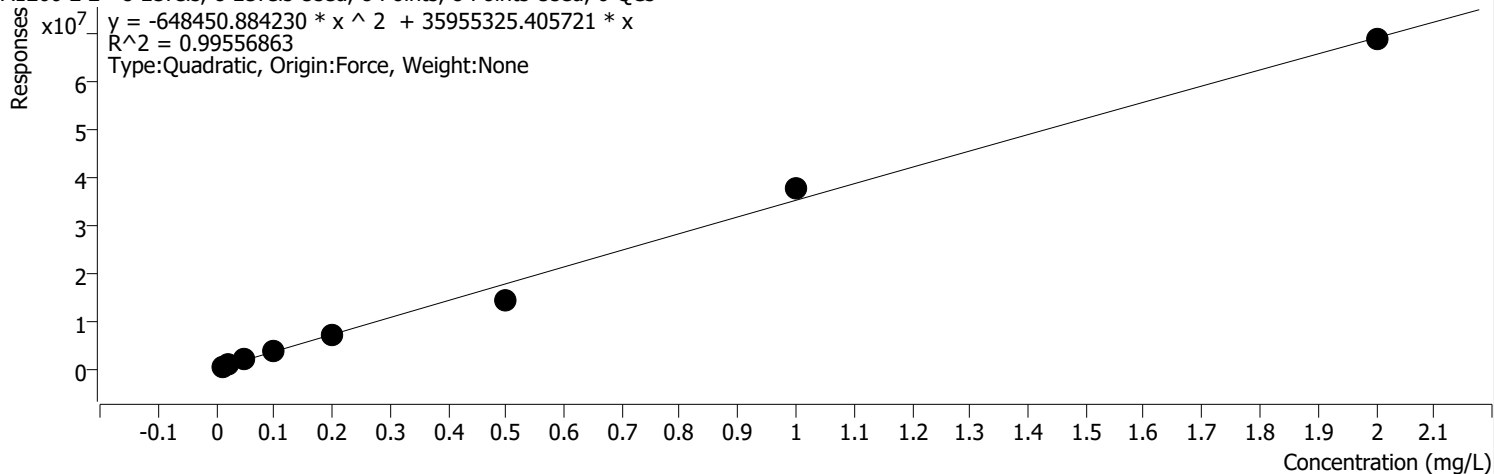
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1787466	0.0500	35749317.4926	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3520415	0.1000	35204145.0000	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6232292	0.2000	31161462.3284	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	12458130	0.5000	24916260.8090	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32970063	1.0000	32970063.2530	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	59486526	2.0000	29743262.8515	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 2 %RSE = 18.7

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



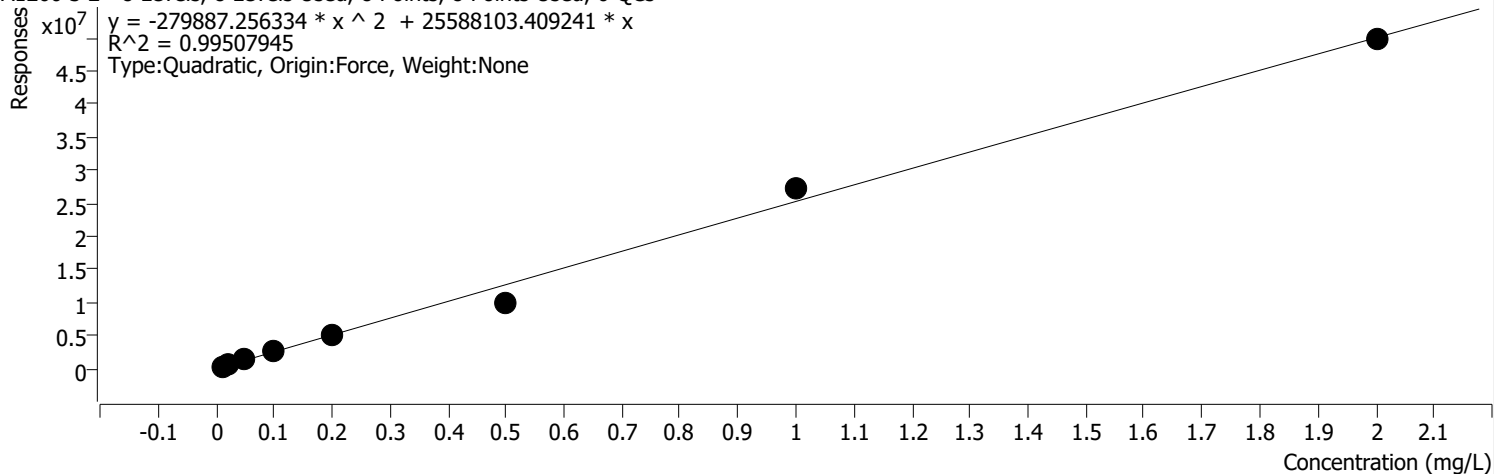
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2066107	0.0500	41322135 .1458	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3926987	0.1000	39269873 .5003	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	7205702	0.2000	36028510 .4123	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	14364097	0.5000	28728193 .1205	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	37782579	1.0000	37782579 .0219	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	68912200	2.0000	34456100 .1074	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 2 %RSE = 15.3

A1260 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



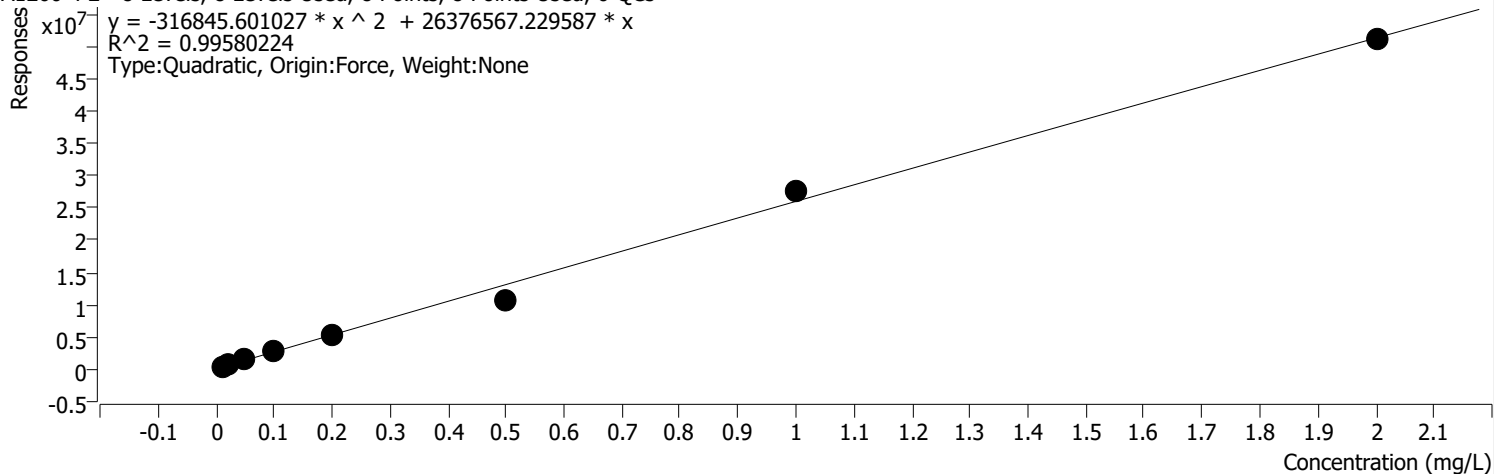
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	218689	0.0100	21868921 .5407	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	582796	0.0200	29139800 .4167	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1475327	0.0500	29506538 .8031	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2733900	0.1000	27339002 .8477	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5012189	0.2000	25060943 .9085	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10120336	0.5000	20240672 .6800	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27239902	1.0000	27239901 .6360	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49736839	2.0000	24868419 .4812	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 2 %RSE = 13.3

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



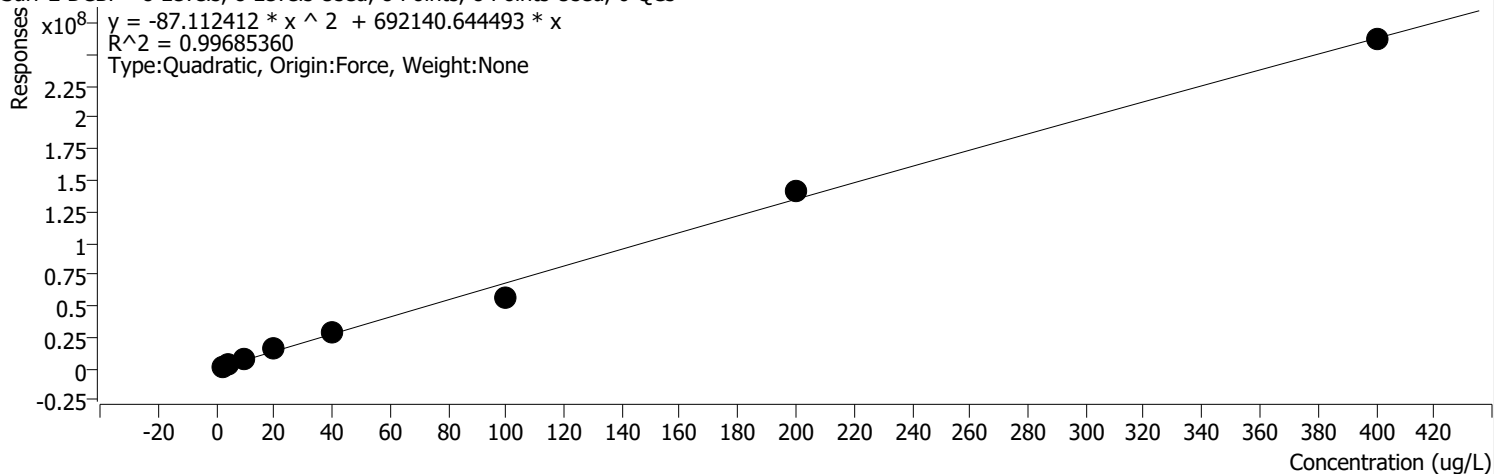
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	290302	0.0100	29030219 .7202	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	594293	0.0200	29714668 .7162	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1479265	0.0500	29585308 .1386	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2824547	0.1000	28245474 .3750	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5389772	0.2000	26948857 .6444	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10601419	0.5000	21202838 .1398	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27839685	1.0000	27839685 .4125	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	51195635	2.0000	25597817 .4212	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin		
Analysis Time	11/18/2021 12:31 PM	Analyst Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Reporter Name	FA\GC1625
Last Calib Update	11/18/2021 12:31 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP %RSE = 23.4

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



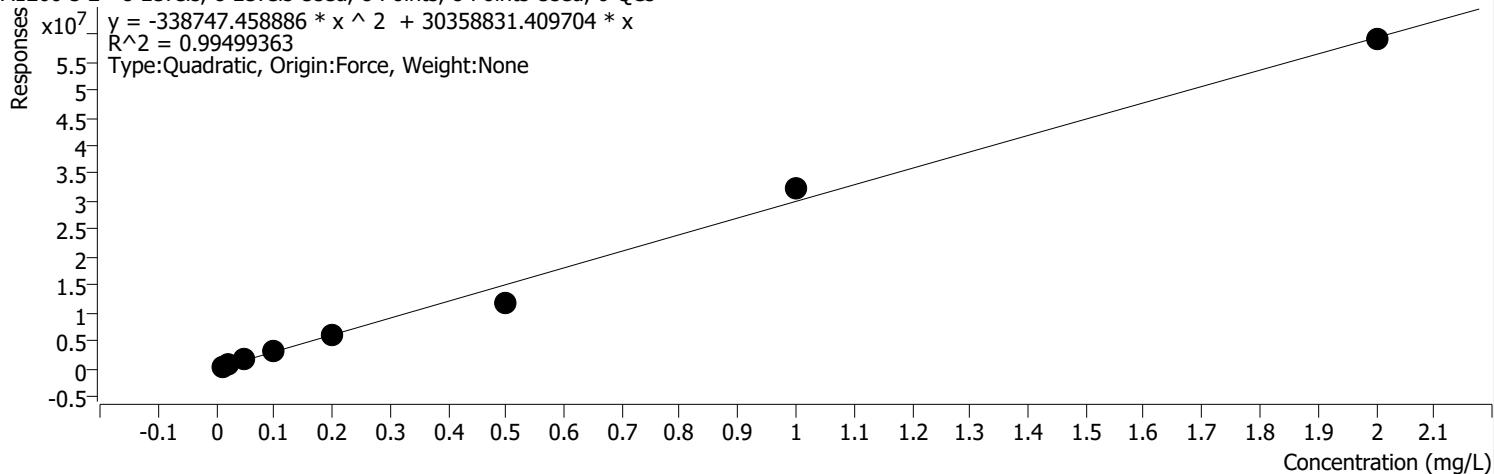
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1837032	2.0000	918516.1 245	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	3497929	4.0000	874482.2 268	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	8284029	10.0000	828402.8 780	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15955410	20.0000	797770.5 106	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	29060736	40.0000	726518.4 072	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	57209022	100.0000	572090.2 214	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	142169181	200.0000	710845.9 034	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	261786300	400.0000	654465.7 491	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 2 %RSE = 12.1

A1260 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



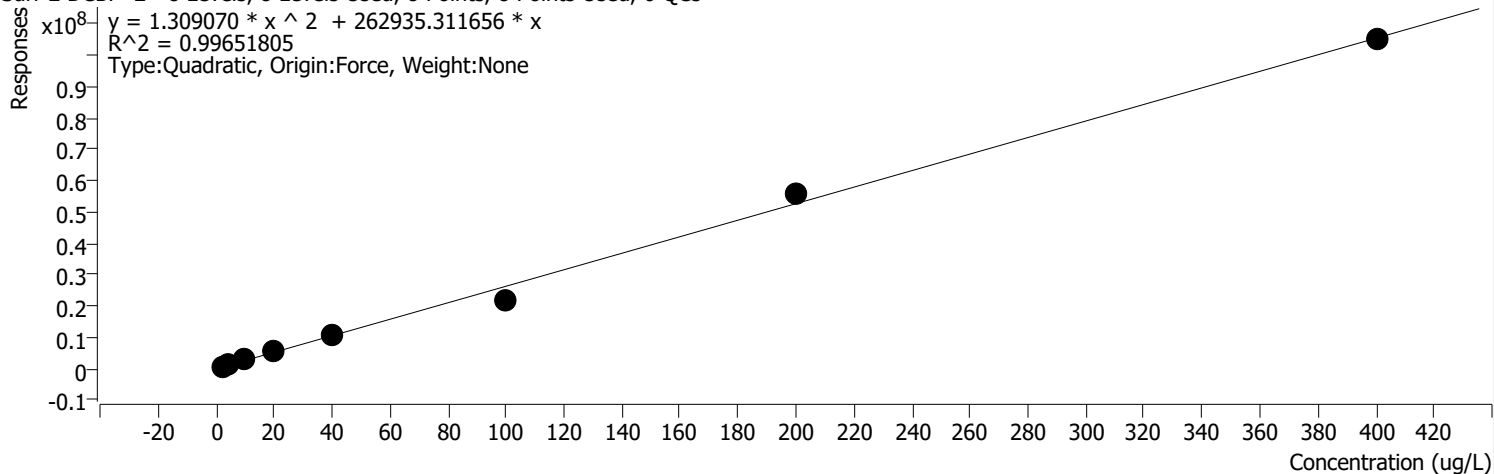
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1655732	0.0500	33114637 .7603	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3238542	0.1000	32385424 .8452	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6000115	0.2000	30000573 .6052	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11969487	0.5000	23938973 .1120	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32330249	1.0000	32330248 .9179	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	58980434	2.0000	29490217 .0930	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE = 14.8

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	603894	2.0000	301946.9 676	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1180748	4.0000	295186.9 240	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3033483	10.0000	303348.3 302	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5879991	20.0000	293999.5 624	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10568518	40.0000	264212.9 454	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21665223	100.0000	216652.2 290	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	55938835	200.0000	279694.1 773	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104846501	400.0000	262116.2 533	

PCB Calibration

+ 9270 ICAL

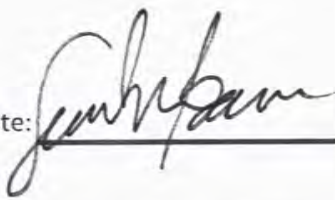
Date: 11/17/21
 Analyst: Sam Berman
 Hexane: 6023

Cal	ICV
Aroclor 1660: <u>25029</u>	Aroclor 1660: <u>24706</u>
Aroclor 1254: <u>23806</u>	Aroclor 1254: <u>24708</u>

Surrogate: 1L21: 20519 26186 IS: 26161 1221: 25029 23016
808 11/17/21

Spike Conc. (ppb)	Surr Conc. (ppb)	2° Spike (uL)	1° Spike (uL)	Surr (uL)	Remove (uL)	Final Vol. (mL)	Comments
10	2	5	--	--	5	1	
20	4	10	--	--	10	1	
50	10	25	--	--	25	1	
100	20	50	--	--	50	1	
200	40	100	--	--	100	1	
500	100	250	--	--	250	1	
1000	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>808 11/17/21</u>
2000	400	--	2 <u>0</u>	2 <u>0</u>	4 <u>22</u>	1	<u>808 11/17/21</u>
ICB	200	--	--	1 <u>0</u>	± <u>10</u>	1	<u>808 11/17/21</u>
ICV (1000 ppb)	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>808 11/17/21</u>

	1660 (uL)	1254 (uL)	Surr (uL)	Final Volume (mL)
2° Intermediate (1660)	2	--	2 <u>0</u>	1
2° Intermediate (1254)	--	2	2 <u>0</u>	1

Signature and Date:  11/17/21

DATA SET for Review -- Deliverable Requirements

Total Metals by EPA Method 6020B

Fremont Analytical Work Order No. 2112277

Shannon & Wilson

Project Name: 8801- Remediation

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information
- Tune Information

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\121721eh\

Report Date/Time: Monday, December 20, 2021 09:54:24

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	BLANK	10:20:12 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	BLANK	10:22:51 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	2112242-007A	10:37:26 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-023A	10:38:35 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-024A	10:39:45 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-034A	10:40:55 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-035A	10:42:05 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-036A	10:43:14 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-037A	10:44:24 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-038A	10:45:34 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	2112242-048A	10:46:43 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
	CCV	10:47:54 Fri	17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	CCB	10:49:05 Fri	17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	BLANK	10:52:17 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	BLANK	10:54:56 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	CAL BLK IS 25300	11:02:01 Fri	17-DeBlank	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 1	11:04:40 Fri	17-DeStandard #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 2	11:07:19 Fri	17-DeStandard #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 3	11:09:58 Fri	17-DeStandard #3	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 4	11:12:37 Fri	17-DeStandard #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 5	11:15:16 Fri	17-DeStandard #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 6	11:17:54 Fri	17-DeStandard #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 7	11:20:33 Fri	17-DeStandard #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	Standard 8	11:23:12 Fri	17-DeStandard #8	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	WASH	11:25:52 Fri	17-DeQC Std #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	ICB	11:28:31 Fri	17-DeQC Std #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	ICV	11:31:10 Fri	17-DeQC Std #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	BLANK	11:33:49 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	ICSA	11:43:17 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	WASH	11:45:57 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	WASH	11:48:36 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	MB-34724	12:02:15 Fri	17-DeSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	LCS-34724	12:04:54 Fri	17-DeSample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112171-002A	12:07:33 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112171-002ADUP	12:10:11 Fri	17-DeSample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112171-001A	12:12:50 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112158-001A 20X	12:15:29 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112158-002A 10X	12:18:08 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112162-001E	12:20:47 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112163-001A 10X	12:23:26 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112163-001A	12:26:05 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	CCV	12:28:44 Fri	17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	CCB	12:31:24 Fri	17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
	2112165-001A	12:34:49 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112166-006A	12:37:28 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112180-001A	12:40:07 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112180-006A	12:42:46 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112187-001B	12:45:25 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	2112189-001A	12:48:03 Fri	17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
	WASH	12:50:43 Fri	17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217

MB-34767	12:53:23 Fri 17-DeSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
LCS-34767	12:56:02 Fri 17-DeSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112242-065A 5X	12:58:41 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
CCV	13:01:21 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCB	13:04:00 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
2112242-054A 100X	13:06:39 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112242-055A 100X	13:09:18 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112242-064A 100X	13:11:57 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112242-077A 100X	13:14:36 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112186-001A 10X	13:17:15 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112186-001A	13:19:54 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112206-001A	13:22:33 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112207-001A	13:25:11 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112207-002A	13:27:50 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112207-003A	13:30:31 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
CCV	13:33:11 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCB	13:35:50 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
2112218-001A	13:39:24 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112218-007A	13:42:03 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112218-011A	13:44:41 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112218-013A	13:47:20 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112218-016A	13:49:59 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112218-017A	13:52:38 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112239-001A	13:55:17 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112239-002A	13:57:56 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112239-003A	14:00:35 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
CCV	14:03:14 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCB	14:05:54 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
MB-34785	14:08:34 Fri 17-DeSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
LCS-34785	14:11:12 Fri 17-DeSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112269-001A	14:13:51 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112269-001ADIL	14:16:30 Fri 17-DeSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112269-001AMS	14:19:09 Fri 17-DeSample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
2112269-001AMSD	14:21:48 Fri 17-DeSample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1217
CCV	14:24:28 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCB	14:27:07 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
BLANK	15:36:23 Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CAL BLK IS 25300	15:40:57 Fri 17-DeBlank	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
Standard 1	15:46:31 Fri 17-DeStandard #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
Standard 2	15:52:05 Fri 17-DeStandard #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
Standard 3	15:57:39 Fri 17-DeStandard #3	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
Standard 4	16:03:13 Fri 17-DeStandard #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
Standard 5	16:08:47 Fri 17-DeStandard #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
Standard 6	16:14:21 Fri 17-DeStandard #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
Standard 7	16:19:55 Fri 17-DeStandard #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
Standard 8	16:25:29 Fri 17-DeStandard #8	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
WASH	16:31:03 Fri 17-DeQC Std #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
ICB	16:36:37 Fri 17-DeQC Std #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
ICV	16:42:11 Fri 17-DeQC Std #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
BLANK	16:47:44 Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
ICSA	16:53:20 Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
LDR	16:58:55 Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
WASH	17:04:30 Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
2111399-009DDUP	17:10:05 Fri 17-DeSample	C:\Users\Public\DocumDUP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112046-001B 100X	17:15:39 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112046-002B 100X	17:21:14 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112046-003B 100X	17:26:48 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112046-001A	17:32:23 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
CCV	17:37:58 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCB	17:43:32 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217

2112046-002A	17:49:06 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112046-003A	17:54:40 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112046-004A	18:00:14 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112046-005A	18:05:48 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112046-006A	18:11:22 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112046-007A	18:16:55 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112046-008A	18:22:29 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112050-001B	18:28:03 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112050-002B	18:33:37 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112050-003B	18:39:11 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
CCV	18:44:46 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCB	18:50:20 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
2112050-004B	18:55:55 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112050-005B	19:01:29 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112051-006A 50X	19:07:04 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112051-007A 50	19:12:39 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
WASH	19:18:13 Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
MB-34781	19:23:48 Fri 17-DeSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
LCS-34781	19:29:22 Fri 17-DeSample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112244-001A	19:34:56 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112244-001ADUP	19:40:30 Fri 17-DeSample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112244-001AMS	19:46:04 Fri 17-DeSample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
CCV	19:51:39 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCB	19:57:14 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
211220-001E 10X	20:02:49 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
211220-002E 10X	20:08:23 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
211220-003E 10X	20:13:57 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
211220-004E 10X	20:19:31 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112235-001B	20:25:05 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112237-001C	20:30:39 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112238-001C	20:36:13 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112244-002A	20:41:47 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112246-001C	20:47:21 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112246-002C	20:52:55 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
CCV	20:58:30 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCB	21:04:05 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
2112247-001A	21:09:40 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112247-002A	21:15:14 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112247-003A	21:20:48 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112248-001A	21:26:22 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112260-001A	21:31:56 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112260-002A	21:37:29 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112260-003A	21:43:04 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112264-001A	21:48:38 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
2112265-001A	21:54:12 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1217
WASH	21:59:47 Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCV	22:05:21 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCB	22:10:55 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
MB-34780	22:16:30 Fri 17-DeSample	C:\Users\Public\DocumMBLK,M-TCLP	gistix\ICPMS\DataSet\Dec2021\1217
LCS-34780	22:22:04 Fri 17-DeSample	C:\Users\Public\DocumLCS,M-TCLP	gistix\ICPMS\DataSet\Dec2021\1217
2111570-001A	22:27:38 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-TCLP	gistix\ICPMS\DataSet\Dec2021\1217
2111570-001ADUP	22:33:12 Fri 17-DeSample	C:\Users\Public\DocumDUP,M-TCLP	gistix\ICPMS\DataSet\Dec2021\1217
2111570-001AMS	22:38:46 Fri 17-DeSample	C:\Users\Public\DocumMS,M-TCLP	gistix\ICPMS\DataSet\Dec2021\1217
2111570-001AMSD	22:44:20 Fri 17-DeSample	C:\Users\Public\DocumMSD,M-TCLP	gistix\ICPMS\DataSet\Dec2021\1217
2111570-005A	22:49:54 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-TCLP	gistix\ICPMS\DataSet\Dec2021\1217
WASH	22:55:29 Fri 17-DeSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
MB-34782FB	23:01:04 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112220-001G	23:06:38 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
CCV	23:12:13 Fri 17-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217
CCB	23:17:47 Fri 17-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1217

2112224-001D	23:23:22 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112224-002D	23:28:56 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112224-003D	23:34:31 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112224-004D	23:40:05 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112246-001D	23:45:39 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112246-002D	23:51:13 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112259-001C	23:56:47 Fri 17-DeSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112260-001B	00:02:21 Sat 18-D:Sample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112260-002B	00:07:55 Sat 18-D:Sample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
2112260-003B	00:13:29 Sat 18-D:Sample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1217
CCV	00:19:03 Sat 18-D:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1217	
CCB	00:24:38 Sat 18-D:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1217	
2%	00:30:12 Sat 18-D:QC Std #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1217	
DI	00:35:46 Sat 18-D:QC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1217	

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122021eh\

Report Date/Time: Monday, December 20, 2021 14:45:37

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	WASH	10:23:37 Mon	20-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	NEW 2%	10:25:45 Mon	20-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	CAL BLK IS 25300	10:29:21 Mon	20-[Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	Standard 1	10:31:29 Mon	20-[Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	Standard 2	10:33:37 Mon	20-[Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	Standard 3	10:35:45 Mon	20-[Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	Standard 4	10:37:53 Mon	20-[Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	Standard 5	10:40:01 Mon	20-[Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	Standard 6	10:42:09 Mon	20-[Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	Standard 7	10:44:16 Mon	20-[Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	Standard 8	10:46:25 Mon	20-[Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	WASH	10:48:34 Mon	20-[QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	ICB	10:50:41 Mon	20-[QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	ICV	10:52:49 Mon	20-[QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	BLANK	10:54:56 Mon	20-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	ICV	11:02:26 Mon	20-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	WASH	11:10:16 Mon	20-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	MB-34810	11:12:24 Mon	20-[Sample	C:\Users\Public\DocumMBLK,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	LCS-34810	11:14:32 Mon	20-[Sample	C:\Users\Public\DocumLCS,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112216-001A	11:16:40 Mon	20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112216-001ADUP	11:18:47 Mon	20-[Sample	C:\Users\Public\DocumDUP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112216-001AMS	11:20:55 Mon	20-[Sample	C:\Users\Public\DocumMS,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112243-001A	11:23:03 Mon	20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112243-002A	11:25:12 Mon	20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112243-003A	11:27:20 Mon	20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112243-004A	11:29:28 Mon	20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112243-005A	11:31:36 Mon	20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	CCV	11:33:44 Mon	20-[QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	CCB	11:35:53 Mon	20-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
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	2112243-008A	11:44:49 Mon	20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112243-009A	11:46:57 Mon	20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112243-010A	11:49:05 Mon	20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112278-001A	11:51:13 Mon	20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
	2112318-002A	11:53:21 Mon	20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1220
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	CCB	11:57:38 Mon	20-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
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	CAL BLK IS 25300	12:15:43 Mon	20-[Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
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	Standard 2	12:21:02 Mon	20-[Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	Standard 3	12:23:41 Mon	20-[Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	Standard 4	12:26:20 Mon	20-[Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
	Standard 5	12:28:59 Mon	20-[Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
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	Standard 7	12:34:17 Mon	20-[Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	
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	WASH	12:39:36 Mon	20-[QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220	

ICB	12:42:15 Mon 20-[QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220
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ICV	12:54:33 Mon 20-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220
ICSA	13:02:56 Mon 20-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220
WASH	13:05:36 Mon 20-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220
WASH	13:08:16 Mon 20-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220
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2112277-002A	13:13:48 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1220
2112277-013A	13:16:28 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1220
2112277-014A	13:19:06 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1220
2112277-015A	13:21:45 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1220
2112277-016A	13:24:24 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1220
LCS-34690	13:27:08 Mon 20-[Sample	C:\Users\Public\DocumLCS,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1220
2112046-004B 100X	13:29:47 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1220
2112090-001B	13:32:26 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1220
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CCV	13:37:44 Mon 20-[QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220
CCB	13:40:23 Mon 20-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220
2112090-003B	13:43:47 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1220
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LCS-34781	13:57:05 Mon 20-[Sample	C:\Users\Public\DocumLCS,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1220
2112244-001ADUP	13:59:44 Mon 20-[Sample	C:\Users\Public\DocumDUP,M-200.8T . gistix\ICPMS\DataSet\Dec2021\1220
2112220-002E 2X	14:02:22 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1220
2112220-003E 2X	14:05:01 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1220
2112220-004E 2X	14:07:40 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1220
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CCB	14:13:00 Mon 20-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1220
2112237-001C	14:19:39 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1220
2112238-001C	14:22:18 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1220
2112246-001C	14:24:56 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1220
2112246-002C	14:27:36 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1220
2112260-001A	14:30:15 Mon 20-[Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1220

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122221eh\

Report Date/Time: Wednesday, December 22, 2021 10:03:29

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	BLANK	08:28:37	Wed 22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1222	
	CAL BLK IS 25300	08:31:16	Wed 22-[Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1222	
	CAL BLK IS 25300	08:32:38	Wed 22-[Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1222	
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	Standard 3	08:35:07	Wed 22-[Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1222	
	Standard 5	08:36:21	Wed 22-[Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1222	
	Standard 6	08:37:36	Wed 22-[Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1222	
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	WASH	08:52:17	Wed 22-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1222	
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	LCS-34811	08:56:50	Wed 22-[Sample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
	2112242-040A	08:58:04	Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
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	2112242-011A	09:04:17	Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
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	2112277-035A	09:16:20	Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
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	2112277-038A	09:20:04	Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
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	CCB	09:25:03	Wed 22-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1222	
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	2112277-044A	09:28:44	Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
	2112318-001A	09:29:59	Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
	LDR	09:31:14	Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
	CCV	09:32:29	Wed 22-[QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1222	
	CCB	09:33:45	Wed 22-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1222	
	2112242-040A	09:53:07	Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
	2112242-028A	09:54:22	Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222

2112242-049A	09:55:37 Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
2112277-043A	09:56:52 Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
2112277-044A	09:58:06 Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
2112318-001A	09:59:21 Wed 22-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1222
CCV	10:00:36 Wed 22-[QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1222
CCB	10:01:51 Wed 22-[QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1222

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122321eh\

Report Date/Time: Thursday, December 23, 2021 09:46:37

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:06:27 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	WASH	08:12:01 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	NEW 2%	08:17:35 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	NEW 2%	08:23:10 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	BLANK	08:44:32 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	CAL BLK IS 25300	08:46:42 Thu	23-DBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 2	08:47:52 Thu	23-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 5	08:49:02 Thu	23-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 6	08:50:12 Thu	23-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 7	08:51:22 Thu	23-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	WASH	08:52:32 Thu	23-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	ICB	08:53:42 Thu	23-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	ICV	08:54:52 Thu	23-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	BLANK	08:56:02 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	ICSA	09:03:41 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	WASH	09:04:51 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	WASH	09:06:02 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	MB-34838	09:14:16 Thu	23-DSample	C:\Users\Public\DocumMBLK,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	LCS-34838	09:15:26 Thu	23-DSample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-085A	09:16:37 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-085ADIL	09:17:46 Thu	23-DSample	C:\Users\Public\DocumSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-085AMS	09:18:56 Thu	23-DSample	C:\Users\Public\DocumMS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-085AMSD	09:20:07 Thu	23-DSample	C:\Users\Public\DocumMSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-085APDS	09:21:17 Thu	23-DSample	C:\Users\Public\DocumPDS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-084A	09:22:26 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112277-051A	09:23:36 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112277-053A	09:24:46 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	CCV	09:25:56 Thu	23-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	CCB	09:27:07 Thu	23-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	2112277-070A	09:28:30 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112321-032A	09:29:40 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112321-033A	09:30:50 Thu	23-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	CCV	09:32:00 Thu	23-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	CCB	09:33:11 Thu	23-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122721eh\

Report Date/Time: Monday, December 27, 2021 14:24:22

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:58:55 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	WSAH	09:02:34 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	WASH	09:05:13 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	BLANK	09:07:53 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	CAL BLK IS 18930	09:12:07 Mon 27	-LBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	500 ug Si	09:14:19 Mon 27	-LStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	1000 ug Si	09:15:31 Mon 27	-LStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	5000 ug Si	09:16:42 Mon 27	-LStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	10000 ug Si	09:17:54 Mon 27	-LStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	20000 ug Si	09:19:07 Mon 27	-LStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	WASH	09:20:20 Mon 27	-LQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	ICB	09:21:31 Mon 27	-LQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	ICV	09:22:43 Mon 27	-LQC Std #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	WASH	09:23:55 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	ICV	09:31:41 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	ICV	09:32:52 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	MB-34863	09:34:26 Mon 27	-LSample	C:\Users\Public\DocumMBLK,M-DISS-SI	gistix\ICPMS\DataSet\Dec2021\1227
	LCS-34863	09:35:37 Mon 27	-LSample	C:\Users\Public\DocumLCS,M-DISS-SI	gistix\ICPMS\DataSet\Dec2021\1227
	LCSD-34863	09:36:49 Mon 27	-LSample	C:\Users\Public\DocumLCSD,M-DISS-SI	gistix\ICPMS\DataSet\Dec2021\1227
	2110010-030C	09:38:01 Mon 27	-LSample	C:\Users\Public\DocumSAMP,M-DISS-SI	gistix\ICPMS\DataSet\Dec2021\1227
	MB-34863	09:40:05 Mon 27	-LSample	C:\Users\Public\DocumMBLK,M-DISS-SI	gistix\ICPMS\DataSet\Dec2021\1227
	LCS-34863	09:41:16 Mon 27	-LSample	C:\Users\Public\DocumLCS,M-DISS-SI	gistix\ICPMS\DataSet\Dec2021\1227
	LCSD-34863	09:42:28 Mon 27	-LSample	C:\Users\Public\DocumLCSD,M-DISS-SI	gistix\ICPMS\DataSet\Dec2021\1227
	2110010-030C	09:43:40 Mon 27	-LSample	C:\Users\Public\DocumSAMP,M-DISS-SI	gistix\ICPMS\DataSet\Dec2021\1227
	2110010-031C	09:44:52 Mon 27	-LSample	C:\Users\Public\DocumSAMP,M-DISS-SI	gistix\ICPMS\DataSet\Dec2021\1227
	LOD	09:46:04 Mon 27	-LSample	C:\Users\Public\DocumSAMP,M-DISS-SI	gistix\ICPMS\DataSet\Dec2021\1227
	WASH	09:49:26 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	CCV	09:50:37 Mon 27	-LQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	CCV	09:52:15 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	CCV	09:53:27 Mon 27	-LQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	CCB	09:54:39 Mon 27	-LQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	CAL BLK IS 25300	09:57:29 Mon 27	-LBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	Standard 1	09:59:38 Mon 27	-LStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	Standard 2	10:01:46 Mon 27	-LStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	Standard 3	10:03:53 Mon 27	-LStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	Standard 4	10:06:01 Mon 27	-LStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	Standard 5	10:08:09 Mon 27	-LStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	Standard 6	10:10:17 Mon 27	-LStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	Standard 7	10:12:25 Mon 27	-LStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	Standard 8	10:14:33 Mon 27	-LStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	WASH	10:16:41 Mon 27	-LQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	ICB	10:18:49 Mon 27	-LQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	ICV	10:20:59 Mon 27	-LQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	WASH	10:23:07 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	ICV	10:31:51 Mon 27	-LSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1227	
	MB-34847	10:34:57 Mon 27	-LSample	C:\Users\Public\DocumMBLK,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
	LCS-34847	10:37:05 Mon 27	-LSample	C:\Users\Public\DocumLCS,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
	2112349-002A	10:39:13 Mon 27	-LSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
	2112349-002ADUP	10:41:21 Mon 27	-LSample	C:\Users\Public\DocumDUP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
	2112349-002AMS	10:43:29 Mon 27	-LSample	C:\Users\Public\DocumMS,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227

2110010-031A	10:45:38 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2110010-031A	10:47:46 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112332-001A	10:49:55 Mon 27-ESample	C:\Users\Public\DocumMSD,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112332-002A	10:52:03 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112343-001A	10:54:12 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
CCV	10:56:21 Mon 27-EQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
CCB	10:58:29 Mon 27-EQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
2112349-001A	11:01:19 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-003A	11:03:27 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-004A	11:05:35 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-005A	11:07:43 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-006A	11:09:50 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-007A	11:11:58 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-008A	11:14:06 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-009A	11:16:14 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-010A	11:18:23 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-011A	11:20:31 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
CCV	11:22:39 Mon 27-EQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
CCB	11:24:47 Mon 27-EQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
2112349-012A	11:32:41 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-013A	11:34:49 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-014A	11:36:56 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-015A	11:39:04 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-016A	11:41:12 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
WASH	11:43:21 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
MB-34866	11:45:29 Mon 27-ESample	C:\Users\Public\DocumMBLK,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
LCS-34866	11:47:37 Mon 27-ESample	C:\Users\Public\DocumLCS,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-019A	11:49:45 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
2112349-019ADUP	11:51:52 Mon 27-ESample	C:\Users\Public\DocumDUP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1227
CCV	11:54:02 Mon 27-EQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
CCB	11:56:10 Mon 27-EQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
CCV	12:00:41 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
CCV	12:06:24 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
CCV	12:08:32 Mon 27-EQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
BLANK	12:11:45 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
CAL BLK IS 25300	12:14:01 Mon 27-EBLANK	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
Standard 2	12:15:18 Mon 27-EStandard #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
Standard 3	12:16:33 Mon 27-EStandard #3	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
Standard 5	12:17:50 Mon 27-EStandard #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
Standard 6	12:19:05 Mon 27-EStandard #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
Standard 7	12:20:21 Mon 27-EStandard #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
WASH	12:21:38 Mon 27-EQC Std #1	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
ICB	12:22:54 Mon 27-EQC Std #2	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
ICV	12:24:09 Mon 27-EQC Std #6	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
BLANK	12:25:25 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
ICSA	12:31:45 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
LDR	12:33:01 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
WASH	12:34:18 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
WASH	12:35:34 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
LDR	12:37:18 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
WASH	12:38:35 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
WASH	12:39:51 Mon 27-ESample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
MB-34854	12:42:13 Mon 27-ESample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
LCS-34854	12:43:29 Mon 27-ESample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112242-029A	12:44:45 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112242-029ADIL	12:46:01 Mon 27-ESample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112242-029AMS	12:47:16 Mon 27-ESample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112242-029AMSD	12:48:32 Mon 27-ESample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112242-029APDS	12:49:48 Mon 27-ESample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112242-012A	12:51:03 Mon 27-ESample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227

2112242-041A	12:52:19 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112242-050A	12:53:35 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
CCV	12:54:52 Mon 27-[QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
CCB	12:56:07 Mon 27-[QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
2112242-058A	12:57:24 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112242-068A	12:58:40 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112277-024A	12:59:55 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112277-025A	13:01:11 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112277-026A	13:02:27 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112277-045A	13:03:42 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112277-061A	13:04:58 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112277-063A	13:06:14 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2111310-001A	13:07:30 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112315-001B	13:08:46 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1227
CCV	13:10:03 Mon 27-[QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
CCB	13:11:19 Mon 27-[QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
2112400-001B 10X	13:12:36 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1227
2112400-002B 10X	13:13:52 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1227
CCV	13:15:09 Mon 27-[QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
CCB	13:16:25 Mon 27-[QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
2112242-029A	14:06:53 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112242-041A	14:08:09 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112242-050A	14:09:25 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
2112277-024A	14:10:42 Mon 27-[Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1227
CCV	14:11:58 Mon 27-[QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227
CCB	14:13:16 Mon 27-[QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1227

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122821eh\

Report Date/Time: Wednesday, December 29, 2021 07:11:05

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:37:38 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	BLANK	08:38:50 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	CAL BLK IS 18930	08:40:02 Tue	28-DBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	500 ug Si	08:41:14 Tue	28-DStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	1000 ug Si	08:42:26 Tue	28-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	5000 ug Si	08:43:38 Tue	28-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	10000 ug Si	08:44:49 Tue	28-DStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	20000 ug Si	08:46:01 Tue	28-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	WASH	08:47:14 Tue	28-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	ICB	08:48:26 Tue	28-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	ICV	08:49:38 Tue	28-DQC Std #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	WASH	08:50:51 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	MB-34863	09:05:46 Tue	28-DSample	C:\Users\Public\DocumMBLK,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1228	
	LCS-34863	09:06:58 Tue	28-DSample	C:\Users\Public\DocumLCS,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1228	
	LCSD-34863	09:08:10 Tue	28-DSample	C:\Users\Public\DocumLCSD,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1228	
	2110010-030C	09:09:22 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1228	
	2110010-031C	09:10:33 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1228	
	LOD	09:11:45 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-DISS-SI . gistix\ICPMS\DataSet\Dec2021\1228	
	CCV	09:12:58 Tue	28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	CCB	09:14:10 Tue	28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	BLANK	09:16:21 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	WASH	09:23:17 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	WASH	09:25:25 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	CAL BLK IS 25300	09:27:33 Tue	28-DBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 1	09:29:41 Tue	28-DStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 2	09:31:49 Tue	28-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 3	09:33:57 Tue	28-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 4	09:36:04 Tue	28-DStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 5	09:38:12 Tue	28-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 6	09:40:20 Tue	28-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 7	09:42:28 Tue	28-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	Standard 8	09:44:36 Tue	28-DStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	WASH	09:46:45 Tue	28-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	ICB	09:48:53 Tue	28-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	ICV	09:51:01 Tue	28-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	BLANK	09:53:09 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	WASH	09:59:27 Tue	28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	MB-34866	10:01:36 Tue	28-DSample	C:\Users\Public\DocumMBLK,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	LCS-34866	10:03:44 Tue	28-DSample	C:\Users\Public\DocumLCS,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-019A	10:05:51 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-019ADUP	10:07:59 Tue	28-DSample	C:\Users\Public\DocumDUP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-019AMS	10:10:07 Tue	28-DSample	C:\Users\Public\DocumMS,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-019AMSD	10:12:15 Tue	28-DSample	C:\Users\Public\DocumMSD,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-017A	10:14:23 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-018A	10:16:30 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-020A	10:18:38 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	2112349-021A	10:20:46 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	
	CCV	10:22:55 Tue	28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	CCB	10:25:03 Tue	28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
	2112349-022A	10:31:00 Tue	28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW . gistix\ICPMS\DataSet\Dec2021\1228	

2112349-023A	10:33:08 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-024A	10:35:16 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-025A	10:37:24 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-026A	10:39:32 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-027A	10:41:40 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-028A	10:43:48 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-029A	10:45:56 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-030A	10:48:04 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-031A	10:50:11 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
CCV	10:52:20 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CCB	10:54:28 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CCB	10:57:31 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
WASH	11:00:43 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
blank	11:02:51 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CAL BLK IS 25300	11:05:00 Tue 28-DBlack	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 7	11:07:08 Tue 28-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 8	11:09:16 Tue 28-DStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
WASH	11:11:25 Tue 28-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICB	11:13:33 Tue 28-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICV	11:20:14 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICV	11:23:02 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
WASH	11:25:56 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
BLANK	11:28:05 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CAL BLK IS 25300	11:30:13 Tue 28-DBlack	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 1	11:32:21 Tue 28-DStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 2	11:34:29 Tue 28-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 3	11:36:37 Tue 28-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 4	11:38:45 Tue 28-DStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 5	11:40:53 Tue 28-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 6	11:43:01 Tue 28-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 7	11:45:09 Tue 28-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
Standard 8	11:47:17 Tue 28-DStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
WASH	11:49:26 Tue 28-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICB	11:51:34 Tue 28-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICV	11:53:43 Tue 28-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
BLANK	11:55:51 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
ICV	12:02:15 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
2112349-022A	12:11:40 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-023A	12:13:48 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-024A	12:15:56 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-025A	12:18:04 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-026A	12:20:12 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-027A	12:22:20 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-028A	12:24:29 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-029A	12:26:37 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-030A	12:28:45 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-031A	12:30:54 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
CCV	12:33:02 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CCB	12:35:10 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
2112349-032A	13:00:23 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-033A	13:02:31 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112349-034A	13:04:39 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112391-001A	13:06:47 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2110010-031A	13:08:55 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2110010-031A	13:11:03 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
2112386-011A	13:13:12 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-DW	gistix\ICPMS\DataSet\Dec2021\1228
CCV	13:15:21 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CCB	13:17:29 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
BLANK	13:21:24 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	
CAL BLK IS 25300	13:25:03 Tue 28-DBlack	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228	

Standard 1	13:27:42 Tue 28-D	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 2	13:30:21 Tue 28-D	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 3	13:33:00 Tue 28-D	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 4	13:35:39 Tue 28-D	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 5	13:38:18 Tue 28-D	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 6	13:40:57 Tue 28-D	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 7	13:43:36 Tue 28-D	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
Standard 8	13:46:15 Tue 28-D	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
WASH	13:48:55 Tue 28-D	QCC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
ICB	13:51:34 Tue 28-D	QCC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
ICV	13:54:13 Tue 28-D	QCC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
BLANK	13:56:52 Tue 28-D	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
ICSA	14:06:37 Tue 28-D	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
WASH	14:09:16 Tue 28-D	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
WASH	14:11:56 Tue 28-D	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
MB-34854	14:14:36 Tue 28-D	Sample	C:\Users\Public\DocumMBLK,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
LCS-34854	14:17:15 Tue 28-D	Sample	C:\Users\Public\DocumLCS,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-029A 10X	14:19:55 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-029ADIL 50X	14:22:35 Tue 28-D	Sample	C:\Users\Public\DocumSD,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-029AMS 10X	14:25:15 Tue 28-D	Sample	C:\Users\Public\DocumMS,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-029AMSD 10X	14:27:54 Tue 28-D	Sample	C:\Users\Public\DocumMSD,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-029APDS	14:30:33 Tue 28-D	Sample	C:\Users\Public\DocumPDS,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2111310-001A	14:33:13 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
CCV	14:35:53 Tue 28-D	QCC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
CCB	14:38:34 Tue 28-D	QCC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
MB-34876	14:41:22 Tue 28-D	Sample	C:\Users\Public\DocumMBLK,M-TCLP gistix\ICPMS\DataSet\Dec2021\1228
LCS-34876	14:44:01 Tue 28-D	Sample	C:\Users\Public\DocumLCS,M-TCLP gistix\ICPMS\DataSet\Dec2021\1228
2112408-001A	14:46:40 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-TCLP gistix\ICPMS\DataSet\Dec2021\1228
2112408-001ADUP	14:49:18 Tue 28-D	Sample	C:\Users\Public\DocumDUP,M-TCLP gistix\ICPMS\DataSet\Dec2021\1228
2112408-001AMS	14:51:57 Tue 28-D	Sample	C:\Users\Public\DocumMS,M-TCLP gistix\ICPMS\DataSet\Dec2021\1228
2112408-001AMSD	14:54:37 Tue 28-D	Sample	C:\Users\Public\DocumMSD,M-TCLP gistix\ICPMS\DataSet\Dec2021\1228
2111310-001A	14:57:15 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-TCLP gistix\ICPMS\DataSet\Dec2021\1228
2111310-001A 10X	14:59:54 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
CCV	15:02:34 Tue 28-D	QCC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
CCB	15:05:14 Tue 28-D	QCC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
2112206-001A	15:08:25 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-TCLP gistix\ICPMS\DataSet\Dec2021\1228
2112206-001AMS	15:11:03 Tue 28-D	Sample	C:\Users\Public\DocumMS,M-TCLP gistix\ICPMS\DataSet\Dec2021\1228
MB2-34876	15:13:42 Tue 28-D	Sample	C:\Users\Public\DocumMBLK,M-TCLP gistix\ICPMS\DataSet\Dec2021\1228
WASH	15:16:21 Tue 28-D	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
MB-34875	15:19:00 Tue 28-D	Sample	C:\Users\Public\DocumMBLK,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
LCS-34875	15:21:39 Tue 28-D	Sample	C:\Users\Public\DocumLCS,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-013A	15:24:18 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-013ADIL	15:26:57 Tue 28-D	Sample	C:\Users\Public\DocumSD,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-013AMS	15:29:37 Tue 28-D	Sample	C:\Users\Public\DocumMS,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-013AMSD	15:32:16 Tue 28-D	Sample	C:\Users\Public\DocumMSD,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
CCV	15:34:56 Tue 28-D	QCC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
CCB	15:37:35 Tue 28-D	QCC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
2112242-013APDS	15:40:15 Tue 28-D	Sample	C:\Users\Public\DocumPDS,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-030A	15:42:54 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-042A	15:45:34 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-051A	15:48:12 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-059A	15:50:51 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112242-069A	15:53:31 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112277-017A	15:56:11 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112277-018A	15:58:50 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112277-041A	16:01:29 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
2112277-042A	16:04:08 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228
CCV	16:06:48 Tue 28-D	QCC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
CCB	16:09:28 Tue 28-D	QCC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1228
2112277-046A	16:12:08 Tue 28-D	Sample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Dec2021\1228

2112277-052A	16:14:47 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-004A	16:17:27 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-007A	16:20:06 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-013A	16:22:45 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-019A	16:25:24 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-022A	16:28:04 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-025A	16:30:43 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
2112271-026A	16:33:22 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1228
WASH	16:36:02 Tue 28-DSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1228
CCV	16:38:41 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1228
CCB	16:41:21 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1228
MB-34878FB	16:44:01 Tue 28-DSample	C:\Users\Public\DocumMBLK,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
MB-34878	16:46:40 Tue 28-DSample	C:\Users\Public\DocumMBLK,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
LCS-34878	16:49:20 Tue 28-DSample	C:\Users\Public\DocumLCS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112423-015F	16:51:59 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112423-015FDUP	16:54:37 Tue 28-DSample	C:\Users\Public\DocumDUP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112423-015FMS	16:57:15 Tue 28-DSample	C:\Users\Public\DocumMS,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112423-015FMSD	16:59:55 Tue 28-DSample	C:\Users\Public\DocumMSD,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2110010-030D	17:02:34 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2110010-030D	17:05:14 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112423-018F	17:07:54 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
CCV	17:10:33 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1228
CCB	17:13:13 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1228
2112423-029F	17:15:52 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112370-001B	17:18:31 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112370-002B	17:21:10 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112400-001C	17:23:49 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112400-002C	17:26:28 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
2112400-003C	17:29:08 Tue 28-DSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Dec2021\1228
CCV	17:31:47 Tue 28-DQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1228
CCB	17:34:27 Tue 28-DQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1228
2%	17:37:06 Tue 28-DQC Std #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1228
DI	17:39:45 Tue 28-DQC Std #8	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Dec2021\1228

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122921eh\

Report Date/Time: Wednesday, December 29, 2021 12:35:40

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	WASH	08:16:48	Wed 29-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	NEW 2%	08:22:22	Wed 29-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	NEW 2%	08:27:56	Wed 29-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	WASH	08:40:44	Wed 29-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	WASH	08:46:18	Wed 29-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	BLANK	08:55:08	Wed 29-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
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	Standard 1	08:59:24	Wed 29-[Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	Standard 2	09:01:32	Wed 29-[Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	Standard 3	09:03:40	Wed 29-[Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	Standard 4	09:05:47	Wed 29-[Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	Standard 5	09:07:55	Wed 29-[Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	Standard 6	09:10:03	Wed 29-[Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	Standard 7	09:12:12	Wed 29-[Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	Standard 8	09:14:20	Wed 29-[Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	WASH	09:16:29	Wed 29-[QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	ICB	09:18:36	Wed 29-[QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	ICV	09:20:44	Wed 29-[QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	BLANK	09:22:52	Wed 29-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
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	LCS-34887	09:30:46	Wed 29-[Sample	C:\Users\Public\DocumLCS,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112386-025A	09:32:53	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112386-025ADUP	09:35:01	Wed 29-[Sample	C:\Users\Public\DocumDUP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112386-025AMS	09:37:09	Wed 29-[Sample	C:\Users\Public\DocumMS,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112386-025AMSD	09:39:18	Wed 29-[Sample	C:\Users\Public\DocumMSD,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112386-005A	09:41:26	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112386-015A	09:43:33	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112386-023A	09:45:41	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112386-027A	09:47:49	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
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	CCB	09:52:06	Wed 29-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
	2112386-029A	10:07:50	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112387-001A	10:09:58	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
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	2112387-005A	10:14:13	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112387-007A	10:16:21	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112387-009A	10:18:29	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112387-011A	10:20:37	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112387-013A	10:22:45	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112387-015A	10:24:53	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112387-017A	10:27:00	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
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	CCB	10:31:17	Wed 29-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	
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	2112387-021A	10:36:01	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
	2112387-023A	10:38:09	Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-200.8-DW gistix\ICPMS\DataSet\Dec2021\1229	
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	CCV	10:44:33	Wed 29-[QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229	

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Standard 4	11:06:05 Wed 29-[Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229
Standard 5	11:08:44 Wed 29-[Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229
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Standard 7	11:14:02 Wed 29-[Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229
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ICV	11:24:39 Wed 29-[QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229
BLANK	11:27:18 Wed 29-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229
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WASH	11:39:30 Wed 29-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229
WASH	11:42:09 Wed 29-[Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229
LCS-34875	11:45:52 Wed 29-[Sample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112242-013AMS	11:48:30 Wed 29-[Sample	C:\Users\Public\DocumMS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112242-013AMSD	11:51:09 Wed 29-[Sample	C:\Users\Public\DocumMSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112242-013APDS	11:53:48 Wed 29-[Sample	C:\Users\Public\DocumPDS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112242-051A 100X	11:56:27 Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112277-018A 100X	11:59:06 Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112277-052A 10X	12:01:45 Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112271-004A	12:04:24 Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112271-007A	12:07:03 Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112271-013A	12:09:42 Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
CCV	12:12:21 Wed 29-[QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229
CCB	12:15:00 Wed 29-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229
2112271-019A	12:19:40 Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112271-022A	12:22:19 Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112271-025A	12:24:57 Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
2112271-026A	12:27:36 Wed 29-[Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1229
CCV	12:30:16 Wed 29-[QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229
CCB	12:32:55 Wed 29-[QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1229

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\

Report Date/Time: Friday, December 31, 2021 07:25:05

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	cone cond	09:11:32 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	wash	09:17:06 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	wash	09:22:41 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	cone cond	10:08:38 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	cone cond	10:10:45 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	WASH	10:12:54 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	WASH	10:15:02 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	blank	10:20:06 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	CAL BLK IS 25300	10:22:14 Thu	30-DBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 1	10:24:22 Thu	30-DStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 2	10:26:30 Thu	30-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 3	10:28:38 Thu	30-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 4	10:30:45 Thu	30-DStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 5	10:32:53 Thu	30-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 6	10:35:01 Thu	30-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 7	10:37:09 Thu	30-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 8	10:39:17 Thu	30-DStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	WASH	10:41:25 Thu	30-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	ICB	10:43:33 Thu	30-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	ICV	10:45:41 Thu	30-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	WASH	10:47:49 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	ICV	10:57:39 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	WASH	11:05:14 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	MB-34898	11:07:23 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	LCS-34898	11:09:31 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112387-029A	11:11:39 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112387-029ADUP	11:13:47 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112387-029AMS	11:15:54 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112387-029AMSD	11:18:02 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112387-031A	11:20:10 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112387-033A	11:22:18 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112388-001A	11:24:25 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
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	CCV	11:28:42 Thu	30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	CCB	11:30:50 Thu	30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112388-005A	11:35:12 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112389-001A	11:37:20 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112389-003A	11:39:28 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112390-001A	11:41:36 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112414-001A	11:43:43 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112412-002A	11:45:51 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	2112442-001A	11:47:59 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	CCV	11:50:08 Thu	30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	CCB	11:52:16 Thu	30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	BLANK	11:57:32 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	CAL BLK IS 25300	12:01:12 Thu	30-DBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 1	12:03:51 Thu	30-DStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 2	12:06:30 Thu	30-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 3	12:09:09 Thu	30-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	

Standard 4	12:11:47 Thu 30-DStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 5	12:14:26 Thu 30-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 6	12:17:05 Thu 30-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 7	12:19:44 Thu 30-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 8	12:22:23 Thu 30-DStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
WASH	12:25:03 Thu 30-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ICB	12:27:42 Thu 30-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ICV	12:30:21 Thu 30-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
BLANK	12:33:00 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ICSA	12:41:48 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
WASH	12:44:28 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
WASH	12:47:07 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
MB-34865	12:50:06 Thu 30-DSample	C:\Users\Public\DocumMBLK,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
LCS-34865	12:52:45 Thu 30-DSample	C:\Users\Public\DocumLCS,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112403-001A	12:55:24 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112403-001ADUP	12:58:03 Thu 30-DSample	C:\Users\Public\DocumDUP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112403-001AMS	13:00:42 Thu 30-DSample	C:\Users\Public\DocumMS,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112425-001A 5X	13:03:22 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112417-005A	13:06:01 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112419-002A 5X	13:08:40 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112423-009E	13:11:19 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112423-015E	13:13:58 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
CCV	13:16:38 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	13:19:16 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ccv	13:21:27 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCV	13:24:06 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	13:26:45 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
2112423-018E	13:31:18 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112423-029E	13:33:57 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112435-001A 10X	13:36:36 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112435-001A	13:39:15 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112436-001A	13:41:54 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112436-002A	13:44:33 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112436-003A	13:47:11 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112436-004A	13:49:50 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112436-005A	13:52:29 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
CCV	13:55:08 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	13:57:48 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
WASH	14:03:44 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
MB-34899	14:06:23 Thu 30-DSample	C:\Users\Public\DocumMBLK,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
LCS-34899	14:09:02 Thu 30-DSample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-013A	14:11:41 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-013ADIL	14:14:20 Thu 30-DSample	C:\Users\Public\DocumSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-013AMS	14:16:59 Thu 30-DSample	C:\Users\Public\DocumMS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-013AMSD	14:19:38 Thu 30-DSample	C:\Users\Public\DocumMSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-013APDS	14:22:17 Thu 30-DSample	C:\Users\Public\DocumPDS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-008A	14:24:56 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-017A	14:27:35 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
CCV	14:30:14 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	14:32:53 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
2112423-028A	14:35:33 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-019A	14:38:12 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-020A	14:40:51 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-021A	14:43:30 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-022A	14:46:09 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-023A	14:48:48 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-064A	14:51:27 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112301-001A	14:54:05 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112301-002A	14:56:44 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
CCV	14:59:24 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230

CCB	15:02:03 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
BLANK	15:05:41 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CAL BLK IS 25300	15:10:15 Thu 30-DBlack	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 1	15:15:49 Thu 30-DStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 2	15:21:23 Thu 30-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 3	15:26:57 Thu 30-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 4	15:32:31 Thu 30-DStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 5	15:38:05 Thu 30-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 6	15:43:39 Thu 30-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 7	15:49:13 Thu 30-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 8	15:54:47 Thu 30-DStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
WASH	16:00:21 Thu 30-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ICB	16:05:55 Thu 30-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ICV	16:11:28 Thu 30-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
BLANK	16:17:02 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ICV	16:22:36 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
WASH	16:28:10 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
MB-34878	16:33:45 Thu 30-DSample	C:\Users\Public\DocumMBLK,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1230
LCS-32878	16:39:20 Thu 30-DSample	C:\Users\Public\DocumLCS,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1230
2110010-030D	16:44:54 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1230
2110010-030D	16:50:28 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ1	16:56:03 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ2	17:01:38 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
CCV	17:07:13 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	17:12:47 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
LLOQ3	17:18:21 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ4	17:23:55 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ1	17:29:30 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ2	17:35:04 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ3	17:40:38 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ4	17:46:12 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ5	17:51:45 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ6	17:57:19 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ7	18:02:53 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
WASH	18:08:28 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCV	18:14:02 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	18:19:36 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
MB-34907	18:25:11 Thu 30-DSample	C:\Users\Public\DocumMBLK,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
LCS-34907	18:30:45 Thu 30-DSample	C:\Users\Public\DocumLCS,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112443-001A	18:36:19 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112443-001ADUP	18:41:53 Thu 30-DSample	C:\Users\Public\DocumDUP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112443-001AMS	18:47:27 Thu 30-DSample	C:\Users\Public\DocumMS,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112444-001B	18:53:01 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112439-001A 500X	18:58:35 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112439-002A 500X	19:04:09 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2110010-030E	19:09:43 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2110010-030E	19:15:17 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
CCV	19:20:52 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	19:26:26 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ICSA	19:32:01 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
WASH	19:37:36 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCV	19:43:10 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	19:48:44 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
2%	19:54:18 Thu 30-DQC Std #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
DI	19:59:53 Thu 30-DQC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\

Report Date/Time: Tuesday, January 04, 2022 13:10:22

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	good di	09:47:15 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:50:55 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:53:34 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:56:14 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:58:53 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	10:01:33 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	new 2%	10:08:02 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	BLANK	10:13:08 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CAL BLK IS 25300	10:15:47 Tue	04-J:Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 1	10:18:26 Tue	04-J:Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 2	10:21:05 Tue	04-J:Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 3	10:23:44 Tue	04-J:Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 4	10:26:23 Tue	04-J:Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 5	10:29:02 Tue	04-J:Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 6	10:31:41 Tue	04-J:Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 7	10:34:19 Tue	04-J:Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 8	10:36:58 Tue	04-J:Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	10:39:38 Tue	04-J:QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	ICB	10:42:17 Tue	04-J:QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	ICV	10:44:56 Tue	04-J:QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	BLANK	10:47:35 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	ICSA	10:53:00 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	10:55:40 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	10:58:19 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	MB-34919	11:00:58 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	LCS-34919	11:03:37 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112447-001A	11:06:16 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112447-001ADUP	11:08:55 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112447-001AMS	11:11:34 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112448-001A 10X	11:14:13 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112448-002A 10X	11:16:52 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112449-001A 10X	11:19:30 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112449-002A 10X	11:22:09 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112450-001A 5X	11:24:48 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	11:27:28 Tue	04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCB	11:30:07 Tue	04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	11:35:38 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	11:38:18 Tue	04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCB	11:40:57 Tue	04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	11:44:43 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	MB-34921	11:47:23 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	LCS-34921	11:50:02 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060A	11:52:41 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060ADIL	11:55:20 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060AMS	11:57:58 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060AMSD	12:00:37 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060APDS	12:03:16 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-043A	12:05:55 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-052A	12:08:34 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	12:11:13 Tue	04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	

CCB	12:13:53 Tue 04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
2112242-070A	12:17:12 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112277-054A	12:19:51 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112301-063A	12:22:30 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112301-064A	12:25:09 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-001A	12:27:48 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-002A	12:30:27 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-003A	12:33:06 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112195-002D	12:35:45 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01042
CCV	12:38:24 Tue 04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
CCB	12:41:04 Tue 04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
2112277-054A	12:51:37 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112301-063A	12:54:17 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-002A	12:56:56 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112242-060A	12:59:36 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
CCV	13:02:16 Tue 04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
CCB	13:04:55 Tue 04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\

Report Date/Time: Wednesday, January 05, 2022 13:22:58

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:47:00	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	08:50:39	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	08:53:19	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	BLANK	10:26:44	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	CAL BLK IS 25300	10:29:23	Wed 05--Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 1	10:32:03	Wed 05--Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 2	10:34:41	Wed 05--Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 3	10:37:20	Wed 05--Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 4	10:39:59	Wed 05--Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 5	10:42:38	Wed 05--Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 6	10:45:17	Wed 05--Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 7	10:47:55	Wed 05--Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 8	10:50:34	Wed 05--Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	10:53:14	Wed 05--QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	ICB	10:55:53	Wed 05--QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	ICV	10:58:32	Wed 05--QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	BLANK	11:01:11	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	ICSA	11:08:54	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	11:11:33	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	11:14:13	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	MB-34930	11:36:56	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	LCS-34930	11:39:35	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112441-005A	11:42:14	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112441-005ADIL	11:44:53	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112441-005AMS	11:47:32	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112441-005AMSD	11:50:10	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112441-005APDS	11:52:49	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201006-001A 10X	11:55:29	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201020-001A	11:58:08	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201020-002A	12:00:47	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	CCV	12:03:26	Wed 05--QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	CCB	12:06:05	Wed 05--QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	12:10:50	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	MB-34939	12:13:29	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	LCS-34939	12:16:08	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201003-001C	12:18:47	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201003-001CDUP	12:21:26	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201003-001CMS	12:24:05	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	12:26:45	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	MB-34938	12:29:25	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	LCS-34938	12:32:04	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112434-001A	12:34:43	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112434-001ADUP	12:37:22	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	CCV	12:40:01	Wed 05--QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	CCB	12:42:41	Wed 05--QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112434-001AMS	12:45:20	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112434-001AMSD	12:47:59	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112450-001A 5X	12:50:38	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2202006-001A 1000X	12:53:18	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	12:56:20	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	

MB-34939	12:59:00 Wed 05-~Sample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01052
LCS-34939	13:01:39 Wed 05-~Sample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01052
2112277-055A	13:04:18 Wed 05-~Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01052
2112301-003A	13:06:57 Wed 05-~Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01052
WASH	13:10:25 Wed 05-~Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01052	
MB-34939	13:13:05 Wed 05-~Sample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01052
2112301-014A	13:15:45 Wed 05-~Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01052
CCV	13:18:25 Wed 05-~JQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01052	
CCB	13:21:04 Wed 05-~JQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01052	

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\

Report Date/Time: Friday, January 07, 2022 13:53:15

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:48:12 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	08:50:21 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	08:52:29 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	BLANK	08:54:37 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	BLANK	09:01:24 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	CAL BLK IS 25300	09:03:32 Fri 07-Jan	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 1	09:05:40 Fri 07-Jan	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 2	09:07:48 Fri 07-Jan	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 3	09:09:56 Fri 07-Jan	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 4	09:12:03 Fri 07-Jan	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 5	09:14:11 Fri 07-Jan	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 6	09:16:19 Fri 07-Jan	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 7	09:18:27 Fri 07-Jan	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 8	09:20:35 Fri 07-Jan	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	09:22:43 Fri 07-Jan	QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	ICB	09:24:52 Fri 07-Jan	QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	ICV	09:27:00 Fri 07-Jan	QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	BLANK	09:29:09 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	MB-34964	09:32:51 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	LCS-34964	09:34:59 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201044-001A	09:37:07 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201044-001ADUP	09:39:15 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201044-001AMS	09:41:22 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201044-001AMSD	09:43:30 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201043-001A	09:45:38 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201059-001A	09:47:46 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201059-002A	09:49:54 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	CCV	09:52:02 Fri 07-Jan	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	CCB	09:54:10 Fri 07-Jan	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	10:25:58 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	BLANK	10:29:37 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	CAL BLK IS 25300	10:32:16 Fri 07-Jan	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 1	10:34:55 Fri 07-Jan	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 2	10:37:34 Fri 07-Jan	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 3	10:40:13 Fri 07-Jan	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 4	10:42:52 Fri 07-Jan	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 5	10:45:31 Fri 07-Jan	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 6	10:48:10 Fri 07-Jan	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 7	10:50:49 Fri 07-Jan	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 8	10:53:28 Fri 07-Jan	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	10:56:07 Fri 07-Jan	QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	ICB	10:58:46 Fri 07-Jan	QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	ICV	11:01:25 Fri 07-Jan	QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	BLANK	11:04:04 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	ICV	11:11:51 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	ICSA	11:20:29 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	11:23:09 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	11:25:48 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2112301-029A 100X	11:28:28 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2112301-057A 100X	11:31:07 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	

2201008-001A 10X	11:33:46	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201019-001A 20X	11:36:25	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201018-002A 5X	11:39:04	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201018-003A 5X	11:41:43	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201018-004A 2X	11:44:22	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201018-005A 5X	11:47:01	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201018-006A 2X	11:49:39	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201018-007A 2X	11:52:18	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
CCV	11:54:58	Fri 07-JarQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
CCB	11:57:37	Fri 07-JarQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
CCV	12:03:01	Fri 07-JarSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
CCV	12:05:40	Fri 07-JarQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
CCB	12:08:20	Fri 07-JarQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
2201018-008A 2X	12:11:36	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201018-009A 10X	12:14:15	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201025-001D 5X	12:16:54	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201030-001E	12:19:33	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201035-001E 5X	12:22:12	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201009-001A	12:24:51	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
WASH	12:27:30	Fri 07-JarSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
MB-34966	12:30:10	Fri 07-JarSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
LCS-34966	12:32:49	Fri 07-JarSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201052-001A	12:35:28	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
CCV	12:38:08	Fri 07-JarQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
CCB	12:40:47	Fri 07-JarQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
2201052-001ADIL	12:49:44	Fri 07-JarSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201052-001AMS	12:52:23	Fri 07-JarSample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201052-001AMSD	12:55:02	Fri 07-JarSample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201052-001APDS	12:57:41	Fri 07-JarSample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201052-002A	13:00:19	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201052-003A	13:02:58	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201019-001A 20X	13:05:38	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2112277-056A 10X	13:08:18	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2112301-004A 10X	13:10:57	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201023-001A	13:13:36	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
CCV	13:16:15	Fri 07-JarQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
CCB	13:18:55	Fri 07-JarQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
2201023-002A	13:29:36	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201023-004A	13:32:15	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201023-006A	13:34:54	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201023-011A	13:37:33	Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
CCV	13:40:13	Fri 07-JarQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
CCB	13:42:52	Fri 07-JarQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072
BLANK	13:50:05	Fri 07-JarSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01072

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\

Report Date/Time: Tuesday, January 11, 2022 14:27:20

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	09:35:30 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	09:39:10 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	09:41:49 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	blank	09:54:21 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	blank	09:57:00 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CAL BLK IS 25300	10:42:57 Tue 11-J	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 1	10:45:37 Tue 11-J	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 2	10:48:16 Tue 11-J	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 3	10:50:55 Tue 11-J	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 4	10:53:34 Tue 11-J	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 5	10:56:13 Tue 11-J	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 6	10:58:51 Tue 11-J	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 7	11:01:30 Tue 11-J	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 8	11:04:09 Tue 11-J	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:06:49 Tue 11-J	QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	ICB	11:09:28 Tue 11-J	QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	ICV	11:12:08 Tue 11-J	QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:14:47 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	ICSA	11:30:39 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:33:19 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:35:58 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	MB-34980	11:44:44 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	LCS-34980	11:47:23 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001A	11:50:01 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001ADIL	11:52:40 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001AMS	11:55:19 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001AMSD	11:57:58 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001APDS	12:00:37 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-001A	12:03:17 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-002A	12:05:56 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-003A	12:08:34 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:11:14 Tue 11-J	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCB	12:13:53 Tue 11-J	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-004A	12:23:09 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-005A	12:25:48 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-006A	12:28:27 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-007A	12:31:06 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	12:33:46 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	MB-34990	12:36:25 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	LCS-34990	12:39:04 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201098-001C	12:41:43 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201098-001CDUP	12:44:22 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201098-001CMS	12:47:01 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:49:41 Tue 11-J	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:53:13 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:55:52 Tue 11-J	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCB	12:58:31 Tue 11-J	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	13:09:31 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	MB-34989	13:12:11 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	LCS-34989	13:14:49 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	

2111392-001A	13:17:28 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2111392-001ADUP	13:20:07 Tue 11-J:Sample	C:\Users\Public\DocumDUP,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2111392-001AMS	13:22:46 Tue 11-J:Sample	C:\Users\Public\DocumMS,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2111392-001AMSD	13:25:25 Tue 11-J:Sample	C:\Users\Public\DocumMSD,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2201097-001D	13:28:04 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2201097-003B	13:30:43 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
LCS-34990	13:33:23 Tue 11-J:Sample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2201105-001B	13:36:03 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
CCV	13:38:42 Tue 11-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112
CCB	13:41:22 Tue 11-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112
CCB	13:45:21 Tue 11-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112
2201106-001C	13:49:57 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2201111-001C	13:52:36 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2112242-045A 10X	13:55:16 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112242-062A 10X	13:57:55 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112301-005A 10X	14:00:34 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112301-040A 10X	14:03:13 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112301-043A 10X	14:05:51 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112301-050A 10X	14:08:30 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112277-057A 10X	14:11:09 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2201094-001A	14:13:48 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
CCV	14:16:28 Tue 11-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112
CCB	14:19:08 Tue 11-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\

Report Date/Time: Tuesday, January 18, 2022 08:16:46

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	CONE COND	09:42:20 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	CONE COND	09:45:59 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	CONE COND	09:48:38 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	CONE COND	09:51:17 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	WASH	09:53:56 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	WASH	09:56:36 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	WASH	09:59:15 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	BLANK	10:01:54 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	BLANK	10:04:55 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	CAL BLK IS 25300	10:08:03 Mon	17-JBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 1	10:10:11 Mon	17-JStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 2	10:12:19 Mon	17-JStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 3	10:14:27 Mon	17-JStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 4	10:16:35 Mon	17-JStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 5	10:18:42 Mon	17-JStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 6	10:20:50 Mon	17-JStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 7	10:22:58 Mon	17-JStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 8	10:25:06 Mon	17-JStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	WASH	10:27:15 Mon	17-JQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	ICB	10:29:23 Mon	17-JQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	ICV	10:31:31 Mon	17-JQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	BLANK	10:33:39 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	MB-35009	10:37:12 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	LCS-35009	10:39:19 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201087-001A	10:41:27 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201087-001ADUP	10:43:35 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201087-001AMS	10:45:43 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201087-001AMSD	10:47:51 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201088-001A	10:49:58 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201088-002A	10:52:06 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201174-001A	10:54:14 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201110-017A	10:56:22 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	CCV	10:58:31 Mon	17-JQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	CCB	11:00:39 Mon	17-JQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201110-017A	11:02:48 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201110-018A	11:04:56 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201110-018A	11:07:04 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201110-018A	11:09:13 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201143-043A	11:11:21 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	2201143-043A	11:13:28 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	CCV	11:15:37 Mon	17-JQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	CCB	11:17:46 Mon	17-JQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	WASH	11:48:33 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	BLANK	11:52:13 Mon	17-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	CAL BLK IS 25300	11:54:52 Mon	17-JBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 1	11:57:31 Mon	17-JStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 2	12:00:10 Mon	17-JStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 3	12:02:48 Mon	17-JStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 4	12:05:27 Mon	17-JStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	
	Standard 5	12:08:07 Mon	17-JStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011722eh\	

Standard 6	12:10:46 Mon 17-J	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
Standard 7	12:13:25 Mon 17-J	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
Standard 8	12:16:03 Mon 17-J	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
WASH	12:18:43 Mon 17-J	JQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
ICB	12:21:23 Mon 17-J	JQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
ICV	12:24:03 Mon 17-J	JQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
BLANK	12:26:41 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
ICSA	12:38:46 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
WASH	12:41:25 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
WASH	12:44:05 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
MB-35028	12:46:44 Mon 17-J	Sample	C:\Users\Public\DocumMBLK,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
LCS-35028	12:49:23 Mon 17-J	Sample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201187-004A	12:52:02 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201187-004ADIL	12:54:41 Mon 17-J	Sample	C:\Users\Public\DocumSD,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201187-004AMS	12:57:20 Mon 17-J	Sample	C:\Users\Public\DocumMS,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201187-004AMSD	12:59:59 Mon 17-J	Sample	C:\Users\Public\DocumMSD,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201187-004APDS	13:02:37 Mon 17-J	Sample	C:\Users\Public\DocumPDS,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2112242-046A	13:05:32 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2112242-063A	13:08:11 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2112277-058A	13:10:50 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
CCV	13:17:07 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
CCB	13:22:26 Mon 17-J	JQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
2201187-010A	13:26:50 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201187-013A	13:29:29 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201187-017A	13:32:08 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201197-001A	13:34:48 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201197-002A	13:37:27 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201197-003A	13:40:06 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201197-004A	13:42:44 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201185-001A 10X	13:45:24 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01172
2201203-001A 20X	13:48:13 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01172
WASH	13:50:53 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
CCV	14:05:06 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
CCB	14:08:12 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
MB-35036	14:12:52 Mon 17-J	Sample	C:\Users\Public\DocumMBLK,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
LCS-35036	14:15:31 Mon 17-J	Sample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201230-001A	14:18:11 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201230-001ADIL	14:20:50 Mon 17-J	Sample	C:\Users\Public\DocumSD,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201230-001AMS	14:23:29 Mon 17-J	Sample	C:\Users\Public\DocumMS,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201230-001AMSD	14:26:23 Mon 17-J	Sample	C:\Users\Public\DocumMSD,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201230-001APDS	14:29:02 Mon 17-J	Sample	C:\Users\Public\DocumPDS,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201235-001A	14:31:41 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201235-002A	14:34:20 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201235-003A	14:36:59 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
CCV	14:44:08 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
CCB	14:46:47 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
2201235-004A	14:49:27 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201235-005A	14:52:06 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
2201235-006A	14:54:45 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01172
CCV	14:57:24 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
CCB	15:00:03 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
CCV	15:03:27 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
CCB	15:06:07 Mon 17-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01172
MB-35035	15:08:47 Mon 17-J	Sample	C:\Users\Public\DocumMBLK,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01172
LCS-35035	15:11:25 Mon 17-J	Sample	C:\Users\Public\DocumLCS,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01172
2201202-001A	15:14:04 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01172
2201202-001ADUP	15:16:43 Mon 17-J	Sample	C:\Users\Public\DocumDUP,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01172
2201202-001AMS	15:19:22 Mon 17-J	Sample	C:\Users\Public\DocumMS,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01172
2201202-002A	15:22:01 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01172
2201194-002A	15:24:40 Mon 17-J	Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01172

2201194-003A	15:27:19 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
CCV	15:29:58 Mon 17-JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01172
CCB	15:32:38 Mon 17-JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01172
2201194-004A	15:35:17 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201207-001A	15:37:56 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201208-001A	15:40:35 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201210-001E	15:43:14 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201211-001C	15:45:53 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201211-002C	15:48:31 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201213-001A	15:51:10 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201213-002A	15:53:49 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201213-003A	15:56:28 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201213-004A	15:59:07 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
CCV	16:01:47 Mon 17-JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01172
CCB	16:04:26 Mon 17-JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01172
2201213-005A	16:07:06 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201213-006A	16:09:45 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201213-008A	16:12:24 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201213-009A	16:15:03 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201213-010A	16:17:42 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
2201194-001A	16:20:21 Mon 17-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01172
CCV	16:23:01 Mon 17-JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01172
CCB	16:25:40 Mon 17-JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01172
2%	16:28:19 Mon 17-JQC Std #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01172
DI	16:30:58 Mon 17-JQC Std #8	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01172

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\

Report Date/Time: Tuesday, January 18, 2022 15:30:38

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	09:56:41 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	WSAH	10:00:20 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	WASH	10:03:00 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	WASH	10:05:39 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	NEW 2%	10:08:18 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	NEW 2%	10:10:57 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	WASH	10:14:28 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	WSAH	10:19:02 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	WASH	10:26:15 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	NEW 2%	10:31:49 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	NEW 2%	10:37:24 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	BLANK	10:42:58 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	CAL BLK IS 25300	10:46:37 Tue	18-J:Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	Standard 1	10:49:16 Tue	18-J:Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	BLANK	10:50:58 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	CAL BLK IS 25300	10:53:37 Tue	18-J:Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	Standard 1	10:56:16 Tue	18-J:Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	Standard 2	10:58:55 Tue	18-J:Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	Standard 3	11:01:34 Tue	18-J:Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	Standard 4	11:04:13 Tue	18-J:Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	Standard 5	11:06:52 Tue	18-J:Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	Standard 6	11:09:31 Tue	18-J:Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	Standard 7	11:12:10 Tue	18-J:Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	Standard 8	11:14:49 Tue	18-J:Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	WASH	11:17:28 Tue	18-J:QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	ICB	11:20:08 Tue	18-J:QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	ICV	11:22:47 Tue	18-J:QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	BLANK	11:25:26 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	ICV	11:34:44 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	ICSA	11:42:58 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	WASH	11:45:37 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	WASH	11:48:16 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	MB-35036	11:50:56 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	LCS-35036	11:53:35 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201230-001A	11:56:13 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201230-001ADIL	11:58:52 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201235-001A	12:01:31 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201235-002A	12:04:10 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201235-003A	12:06:49 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201235-004A	12:09:28 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201235-005A	12:12:07 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201235-006A	12:14:46 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	CCV	12:17:25 Tue	18-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	CCB	12:20:05 Tue	18-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	MB-35035	12:45:15 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	LCS-35035	12:47:54 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201202-001A	12:50:33 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201202-001ADUP	12:53:12 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201202-001AMS	12:55:51 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	
	2201202-002A 10X	12:58:29 Tue	18-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011822eh\	

2201194-004A	13:01:08 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201207-001A 10X	13:03:47 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201208-001A	13:06:26 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201210-001E	13:09:05 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
CCV	13:11:45 Tue 18-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01182
CCB	13:14:24 Tue 18-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01182
MB-35051	13:20:39 Tue 18-J:Sample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
LCS-35051	13:23:18 Tue 18-J:Sample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
2201240-003A	13:25:56 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
2201240-003ADIL	13:28:35 Tue 18-J:Sample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
2201240-003AMS	13:31:14 Tue 18-J:Sample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
2201240-003AMSD	13:33:53 Tue 18-J:Sample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
2201240-003APDS	13:36:32 Tue 18-J:Sample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
211242-047A 10X	13:39:11 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
2201131-002A	13:41:50 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
2201131-004A	13:44:29 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
CCV	13:47:08 Tue 18-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01182
CCB	13:55:45 Tue 18-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01182
2201131-009A	13:58:34 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
2112277-059A 10X	14:01:12 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
2201211-001C	14:03:52 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201211-002C	14:06:31 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201213-001A 2X	14:09:09 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201131-002A 10X	14:11:48 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
2201213-002A	14:15:29 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201213-003A	14:18:08 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201213-004A	14:20:47 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201213-005A	14:23:26 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
CCV	14:29:05 Tue 18-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01182
CCB	14:34:24 Tue 18-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01182
2201213-006A	14:44:45 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201131-009A	14:47:24 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01182
2201213-008A	14:50:03 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201213-009A	14:52:42 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201213-010A	14:55:21 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201194-001A	14:58:00 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
WASH	15:00:40 Tue 18-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01182
MB-35050	15:03:19 Tue 18-J:Sample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
LCS-35050	15:05:58 Tue 18-J:Sample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201214-002D	15:08:37 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
CCV	15:11:17 Tue 18-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01182
CCB	15:13:56 Tue 18-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01182
2201214-002DDUP	15:16:57 Tue 18-J:Sample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201214-002DMS	15:19:36 Tue 18-J:Sample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201214-001D	15:22:15 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201214-003D	15:24:54 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182
2201214-004D	15:27:33 Tue 18-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01182

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\

Report Date/Time: Tuesday, January 25, 2022 08:25:36

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	cone cond	10:04:09 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	CONE COND	10:09:43 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	CONE COND	10:15:18 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	CONE COND	10:20:52 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	WASH	10:26:26 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	WASH	10:36:04 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	WASH	10:39:43 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	WASH	10:42:22 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	GOOD DI	10:45:02 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	GOOD DI	10:47:40 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	GOOD DI	10:50:19 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	GOOD DI	10:52:58 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	GOOD DI	10:55:37 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	GOOD DI	10:58:15 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	GOOD DI	11:00:54 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	GOOD DI	11:03:33 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	BLANK	11:10:39 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	CAL BLK IS 25300	11:13:18 Mon 24-	JBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	Standard 1	11:15:57 Mon 24-	JStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	Standard 2	11:18:36 Mon 24-	JStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	Standard 3	11:21:15 Mon 24-	JStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	Standard 4	11:23:54 Mon 24-	JStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	Standard 5	11:26:32 Mon 24-	JStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	Standard 6	11:29:11 Mon 24-	JStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	Standard 7	11:31:50 Mon 24-	JStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	Standard 8	11:34:29 Mon 24-	JStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	WASH	11:37:09 Mon 24-	JQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	ICB	11:39:48 Mon 24-	JQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	ICV	11:42:27 Mon 24-	JQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
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	WASH	11:54:19 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
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	2201291-001B	12:07:36 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	2201291-001C	12:10:15 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
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	2201313-006A	12:15:34 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	2201313-007A	12:18:13 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
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	CCV	12:23:32 Mon 24-	JQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
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	2201318-003ADIL	12:45:26 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	
	2201318-003AMS	12:48:05 Mon 24-	JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012422eh\	

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2201318-002A	12:58:40	Mon 24-JSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01242
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CCV	13:03:58	Mon 24-JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
CCV	13:07:24	Mon 24-JSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
CCV	13:10:03	Mon 24-JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
CCB	13:12:42	Mon 24-JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
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2201291-001B	13:21:28	Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
2201291-001C	13:24:08	Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-D	gistix\ICPMS\DataSet\Jan2022\01242
2112277-047A	13:26:47	Mon 24-JSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01242
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CCV	13:45:20	Mon 24-JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
CCB	13:47:59	Mon 24-JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
LCS-35107	13:53:30	Mon 24-JSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01242
WASH	13:56:39	Mon 24-JSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
LCS-35107	14:02:23	Mon 24-JSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01242
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2201318-005A	14:18:17	Mon 24-JSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01242
CCV	14:20:57	Mon 24-JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
WASH	14:24:22	Mon 24-JSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
CCV	14:27:01	Mon 24-JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
CCB	14:29:40	Mon 24-JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
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2201314-003A	14:50:15	Mon 24-JSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01242
2201314-004A	14:52:54	Mon 24-JSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01242
WASH	14:55:33	Mon 24-JSample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
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MB-35112	15:06:10	Mon 24-JSample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
LCS-35112	15:08:49	Mon 24-JSample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
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2201271-001A	15:19:24	Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
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2201273-002A	15:24:41	Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
2201273-003A	15:27:20	Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
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CCV	15:32:39	Mon 24-JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
CCB	15:35:18	Mon 24-JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01242
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2201315-004A	15:48:32 Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
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2201315-006A	15:53:50 Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
2201319-001A	15:56:28 Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
2201319-002A	15:59:07 Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
2201319-003A	16:01:46 Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
CCV	16:04:26 Mon 24-JQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01242
CCB	16:07:05 Mon 24-JQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01242
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2201319-005A	16:12:24 Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
2201319-006A	16:15:03 Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
2201319-007A	16:17:42 Mon 24-JSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01242
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CCV	16:23:00 Mon 24-JQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01242
CCB	16:25:39 Mon 24-JQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01242
2%	16:28:18 Mon 24-JQC Std #7	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01242
DI	16:30:57 Mon 24-JQC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01242

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\

Report Date/Time: Friday, February 04, 2022 07:49:05

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	WASH	09:43:28 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	WASH	09:46:07 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	NEW 2%	09:48:46 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	NEW 2%	09:51:25 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	CAL BLK IS 25300	09:56:02 Thu	03-FBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 1	09:58:41 Thu	03-FStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 2	10:01:20 Thu	03-FStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 3	10:03:59 Thu	03-FStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 4	10:06:38 Thu	03-FStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 5	10:09:17 Thu	03-FStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 6	10:11:56 Thu	03-FStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 7	10:14:35 Thu	03-FStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 8	10:17:14 Thu	03-FStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
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	ICB	10:22:33 Thu	03-FQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	ICV	10:25:12 Thu	03-FQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	NEW 2%	10:27:51 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
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	ICSA	10:43:26 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	WASH	10:46:06 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
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	LCS-35222	10:54:06 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
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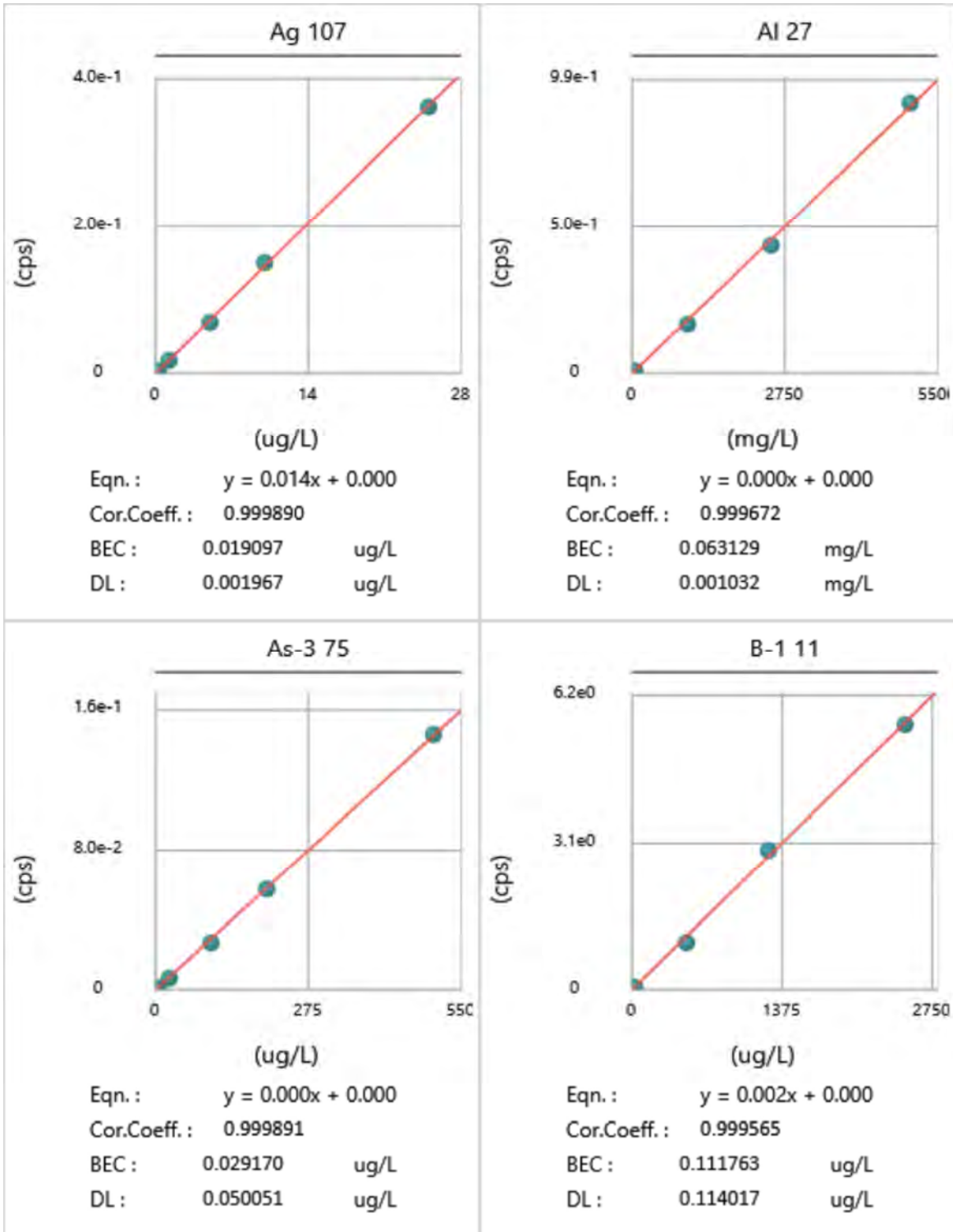
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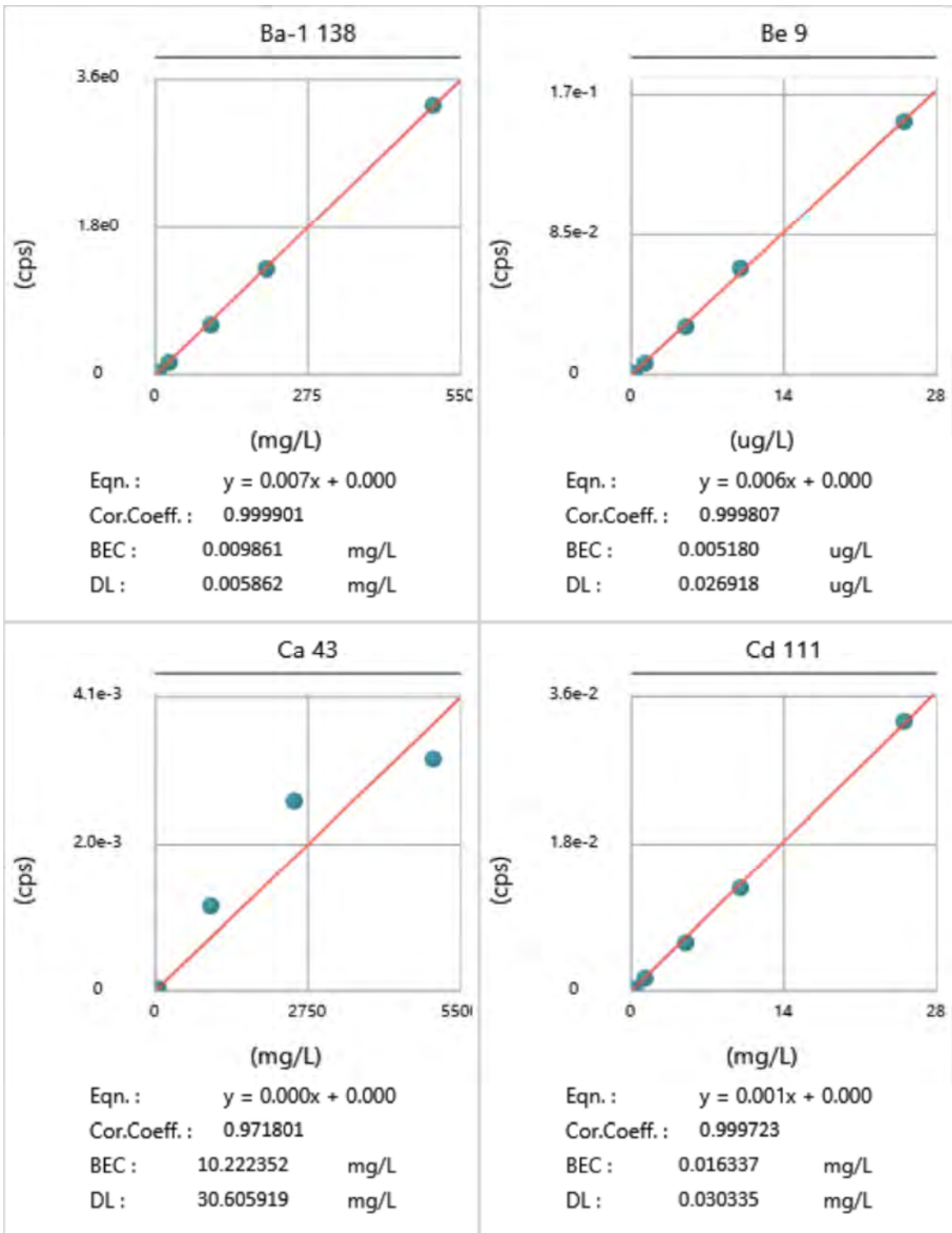
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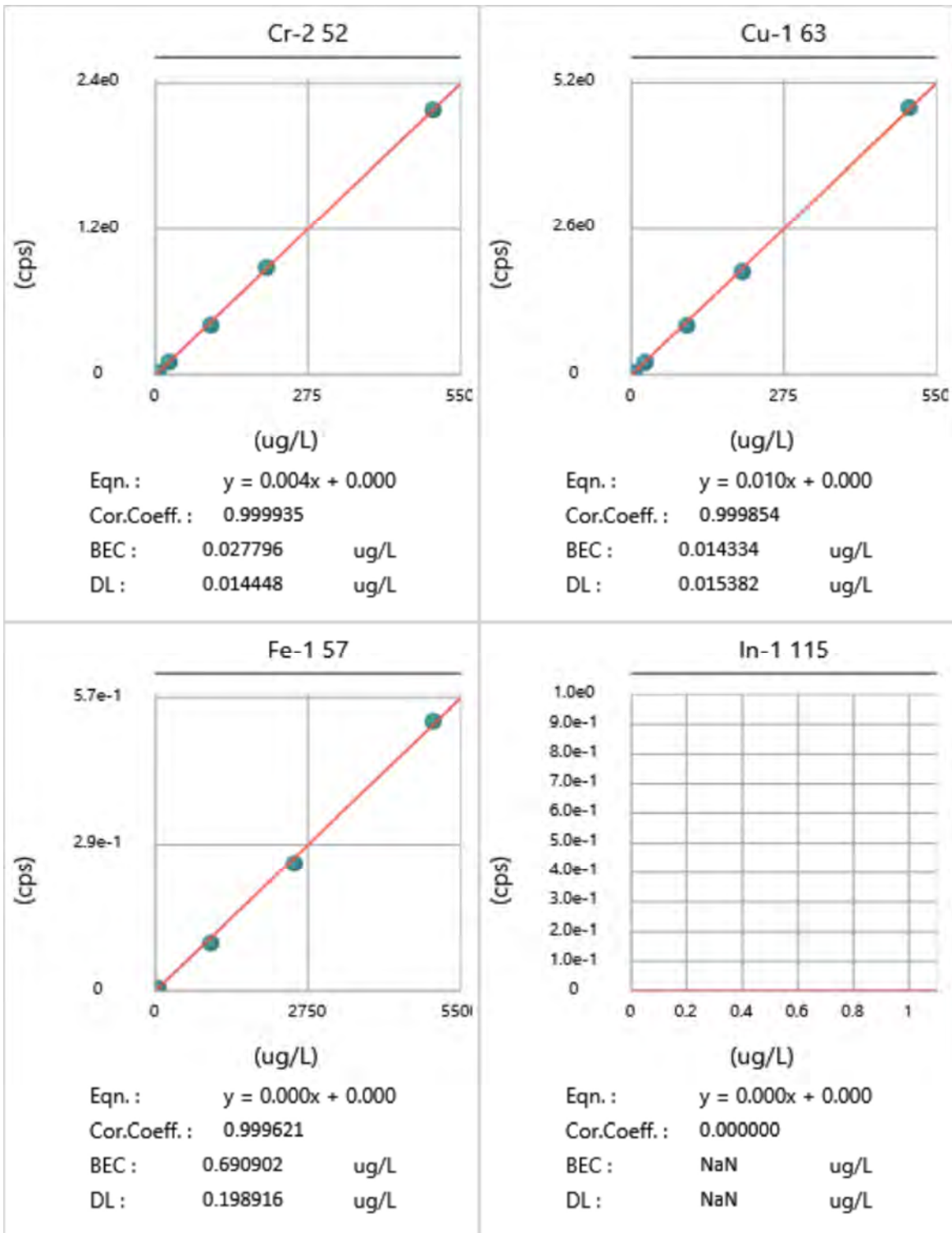
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LLOQ DIL CHECK	18:25:32 Thu 03-FSample	C:\Users\Public\DocumSAMP,M-6020-TW	gistix\ICPMS\DataSet\Feb2022\0203
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2%	18:33:30 Thu 03-FQC Std #7	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Feb2022\0203
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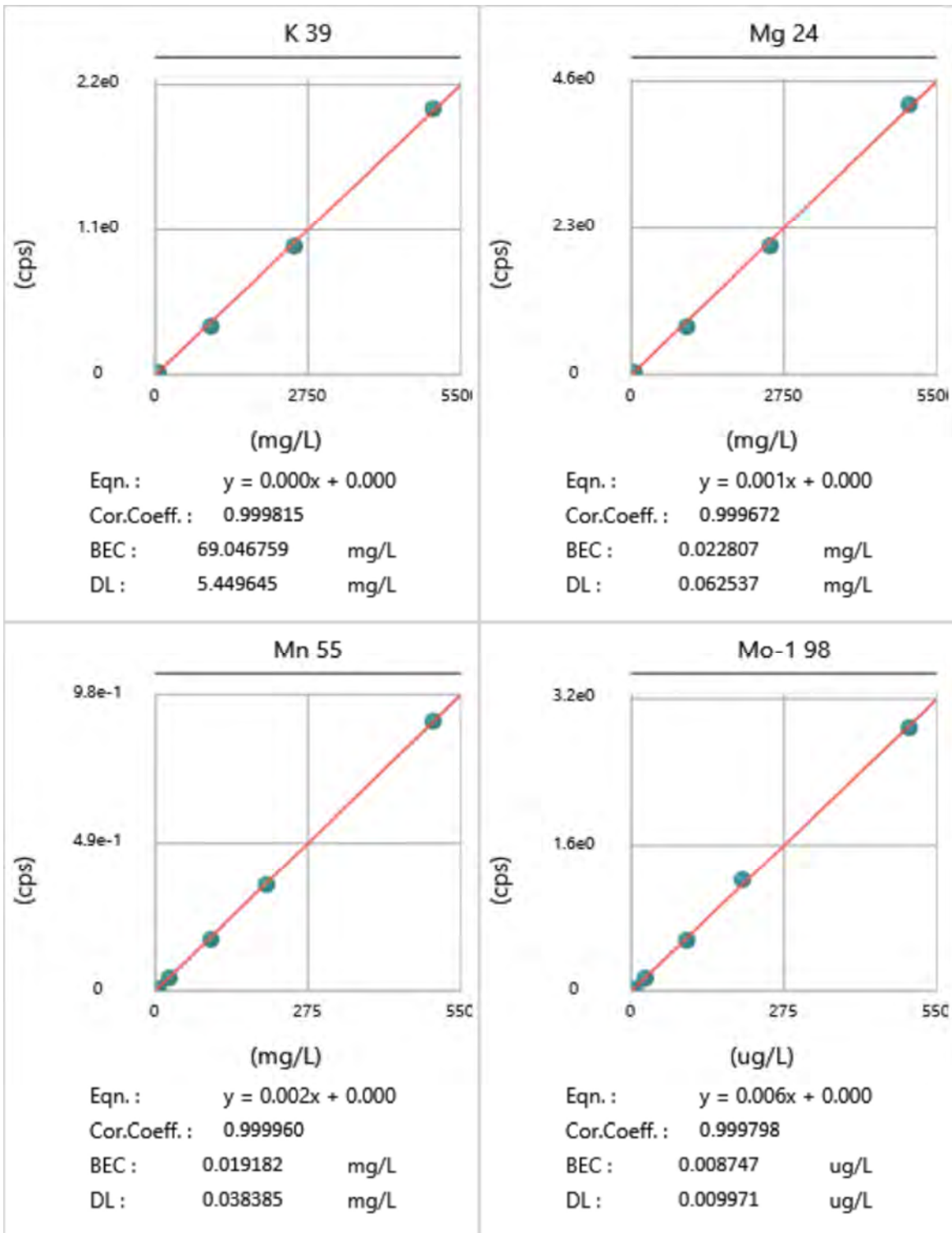


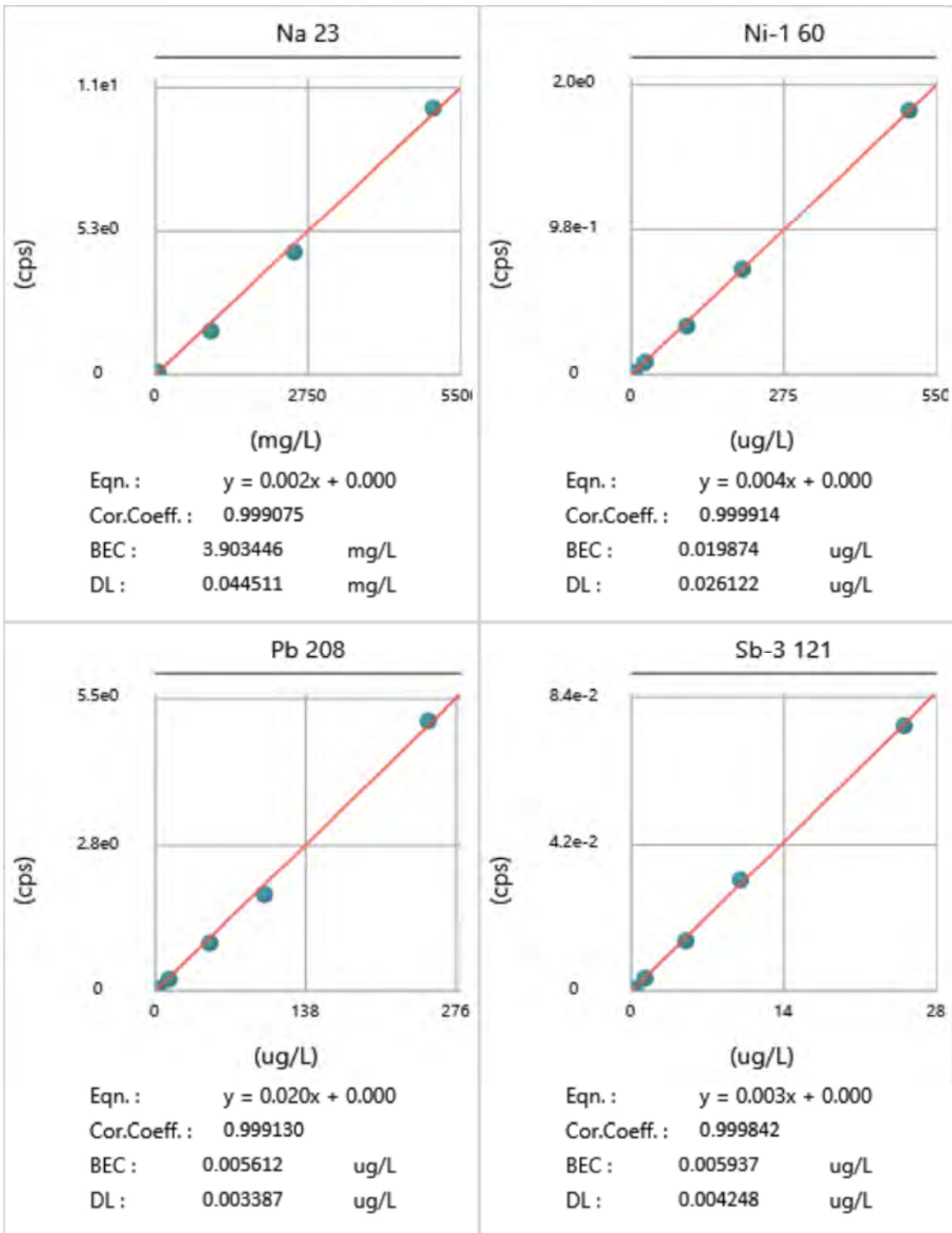
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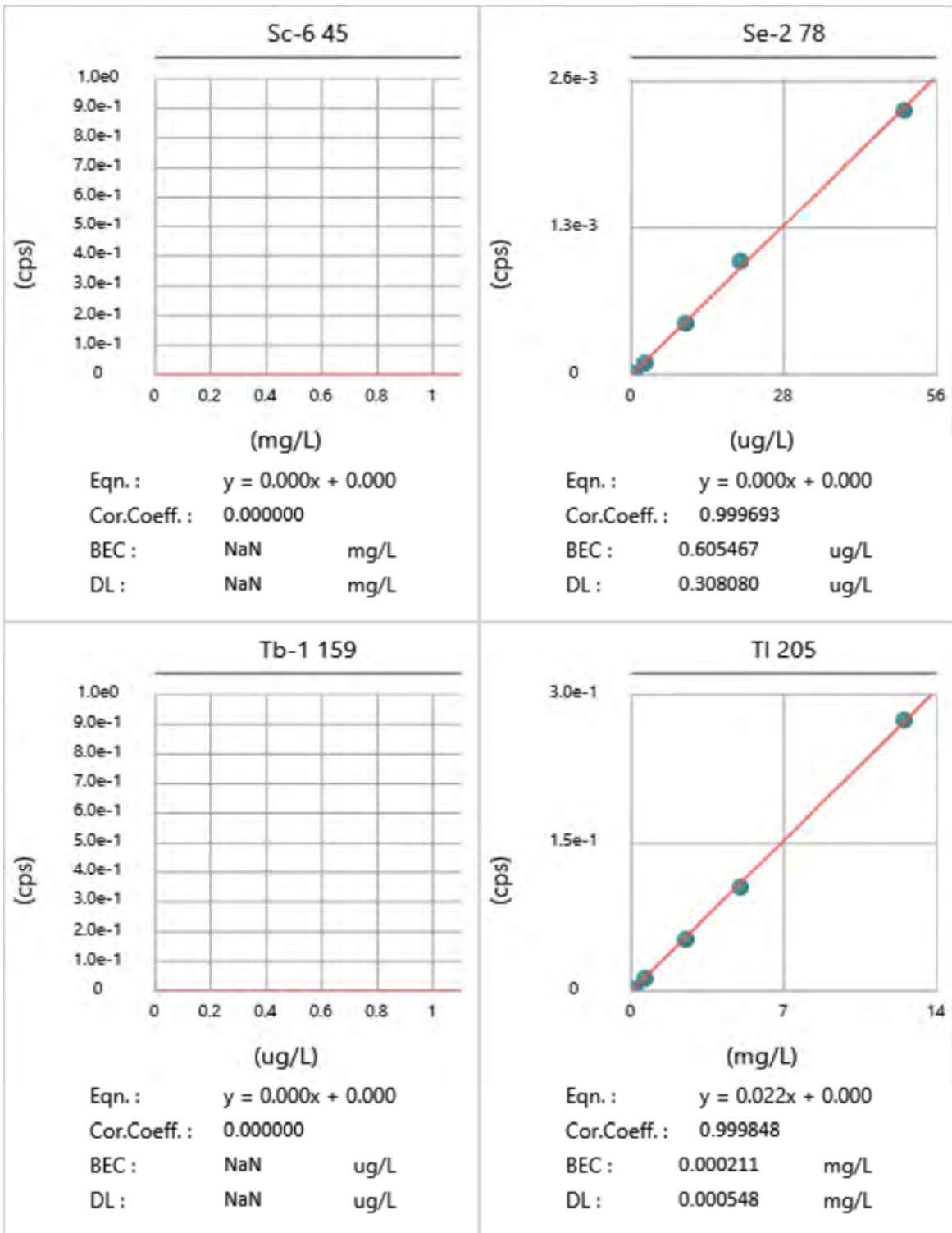


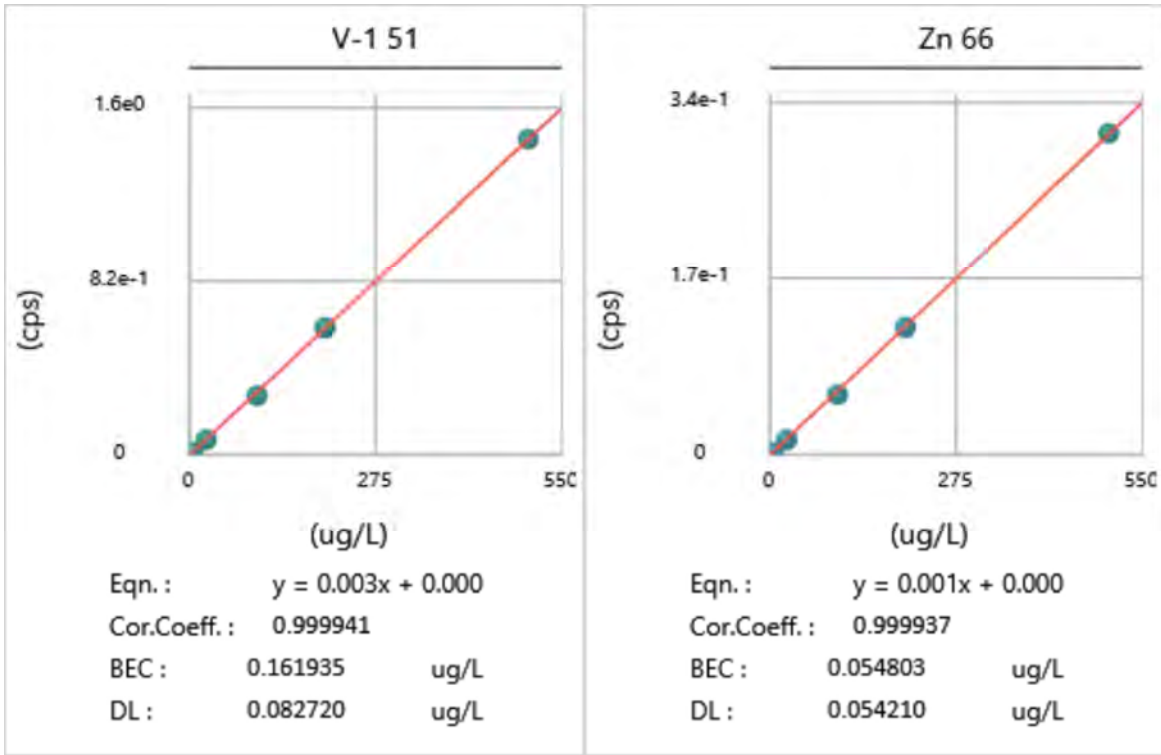


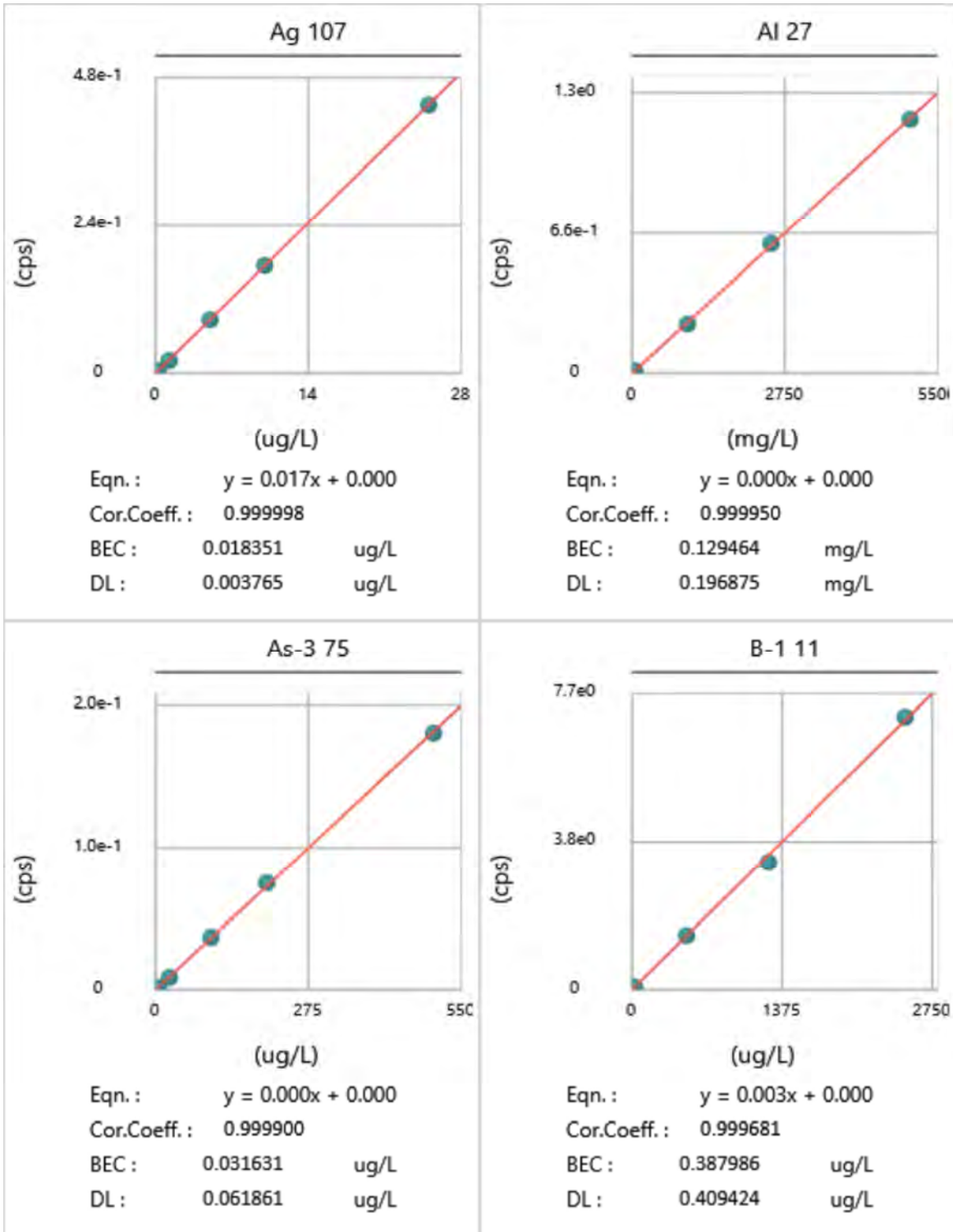


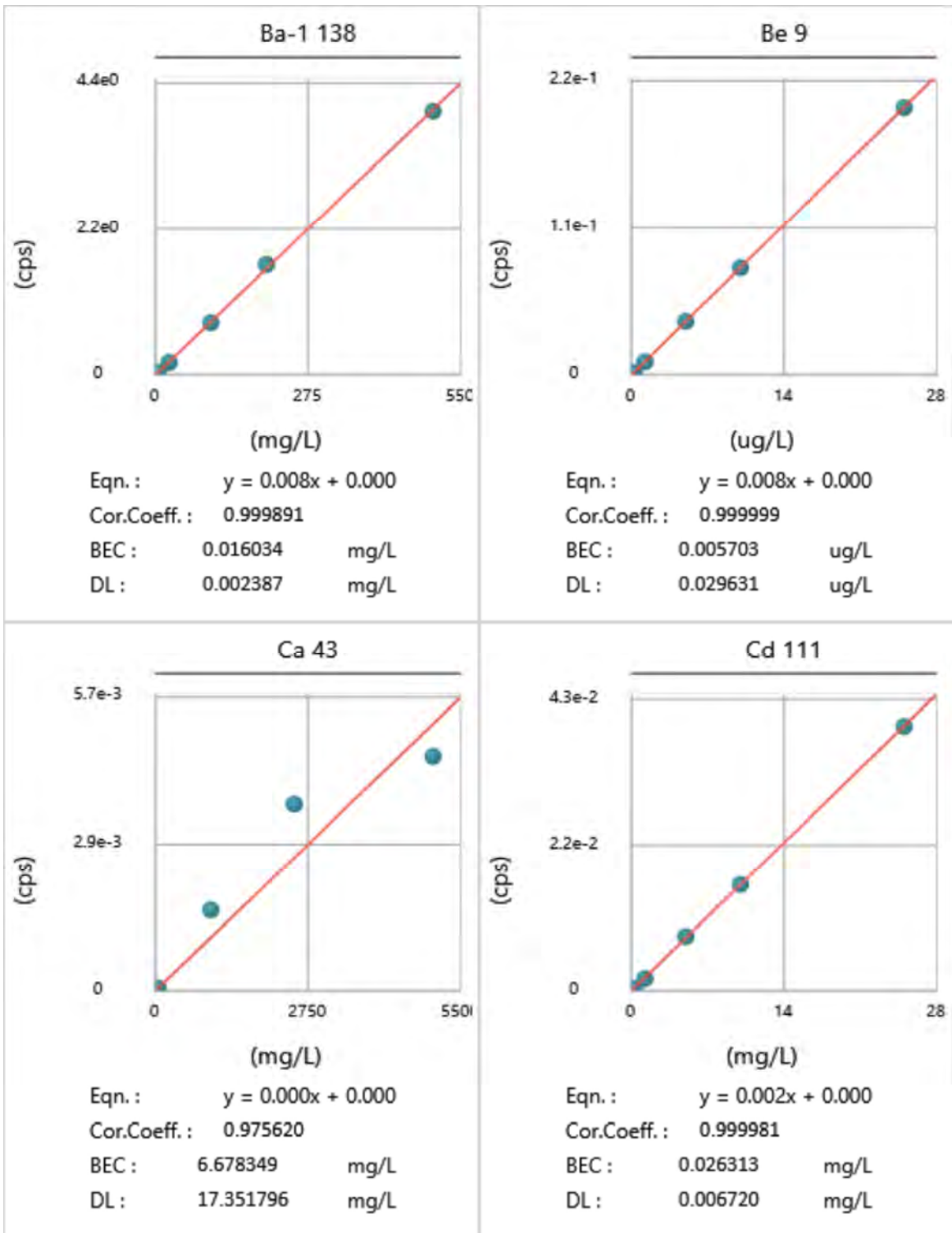


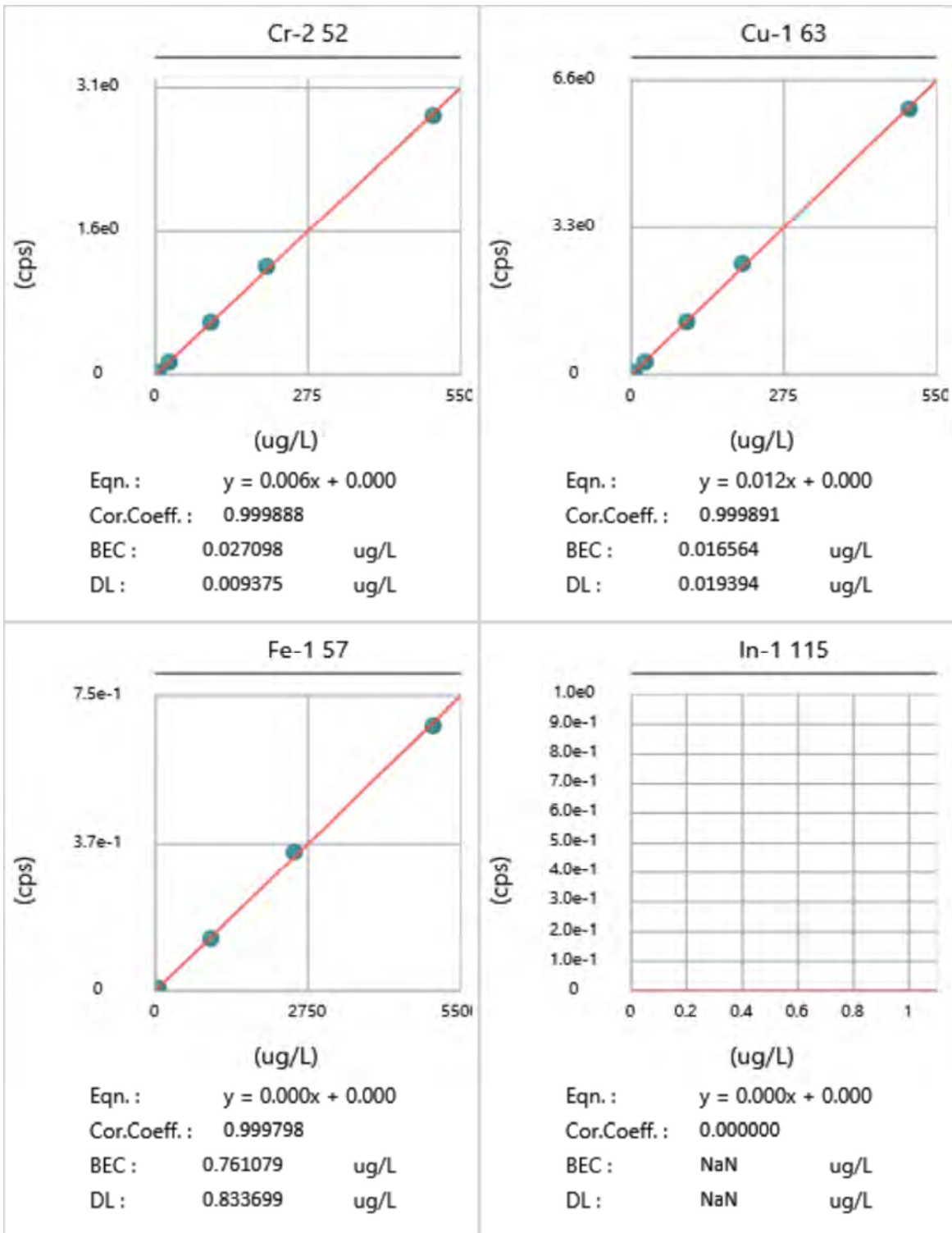


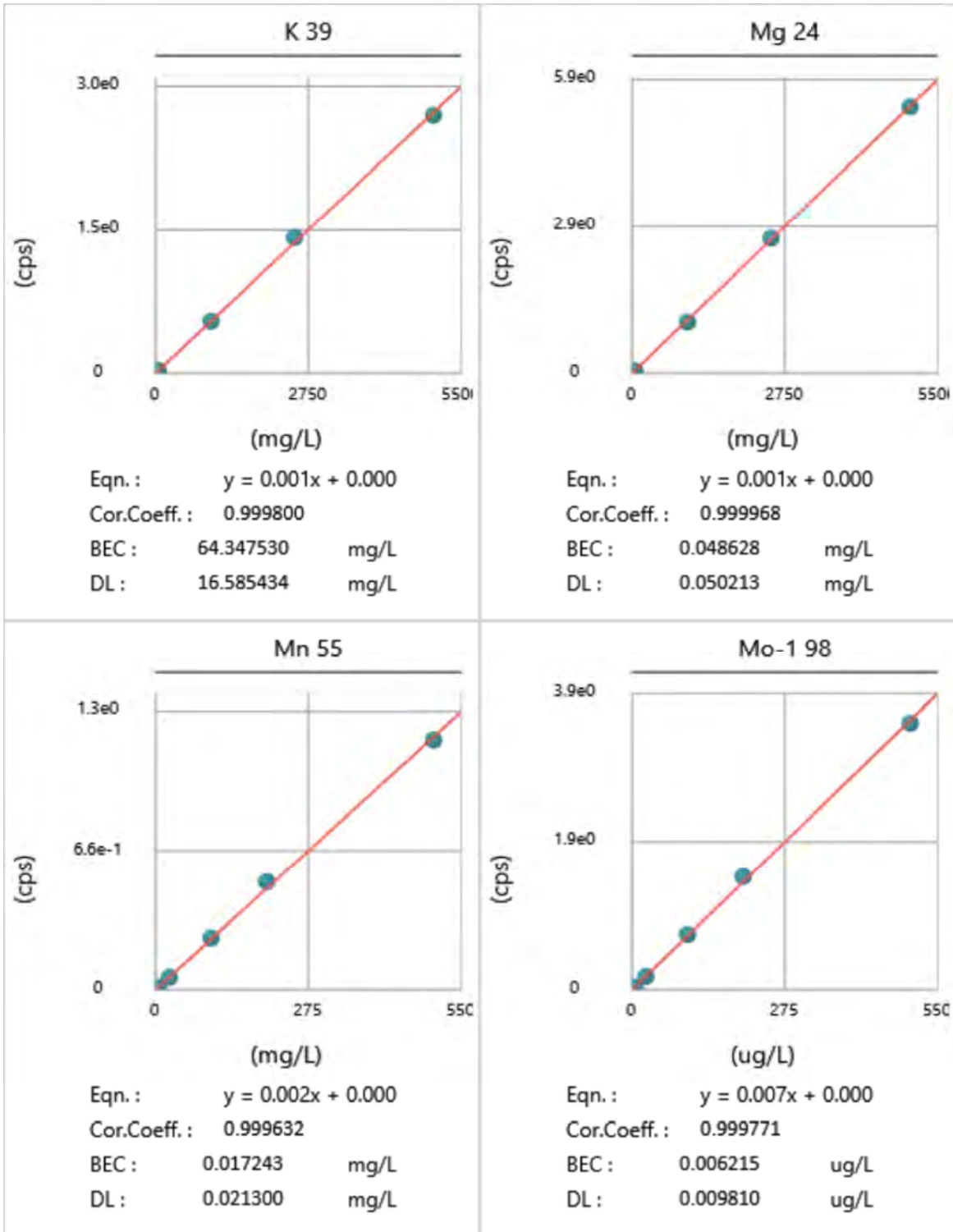


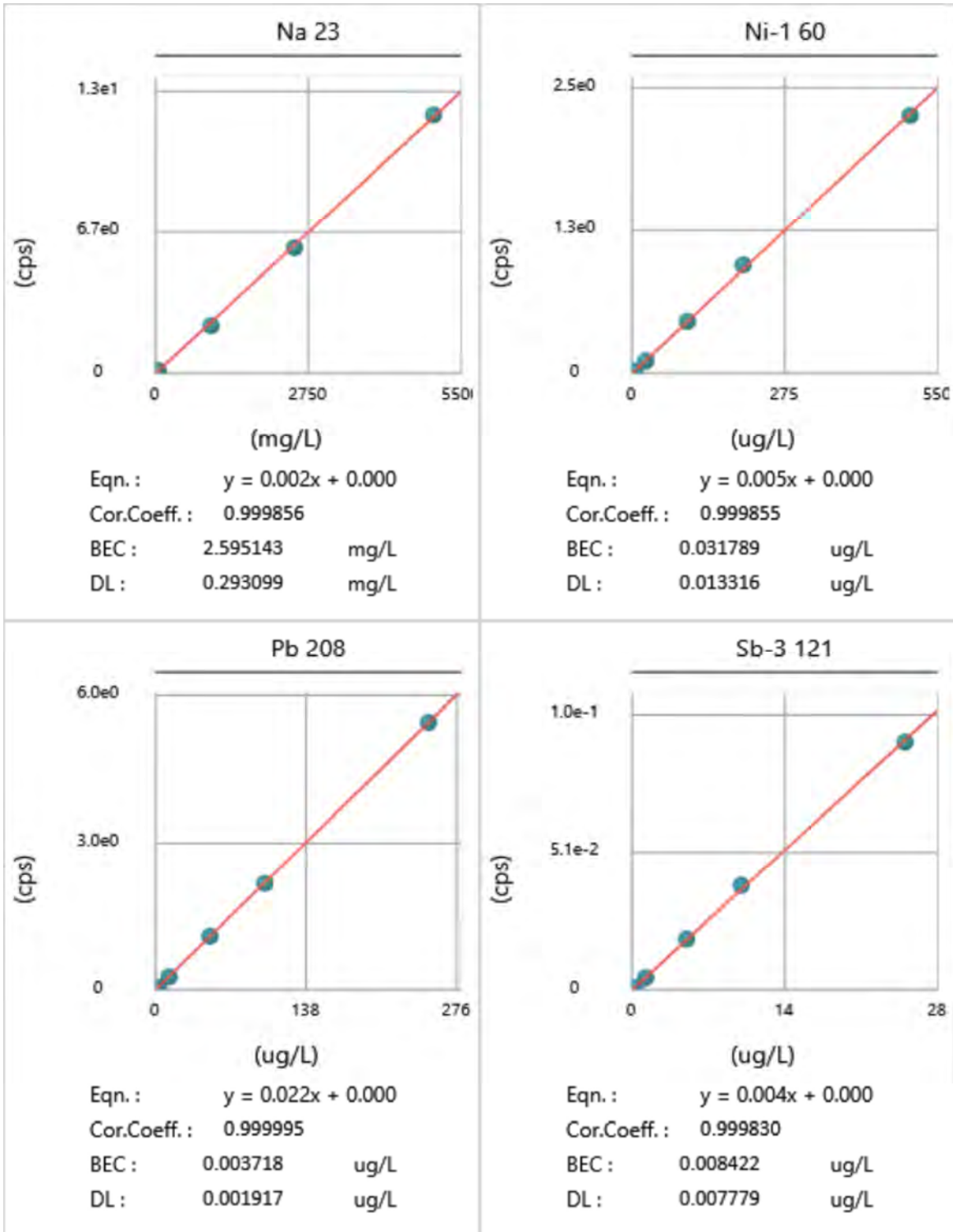


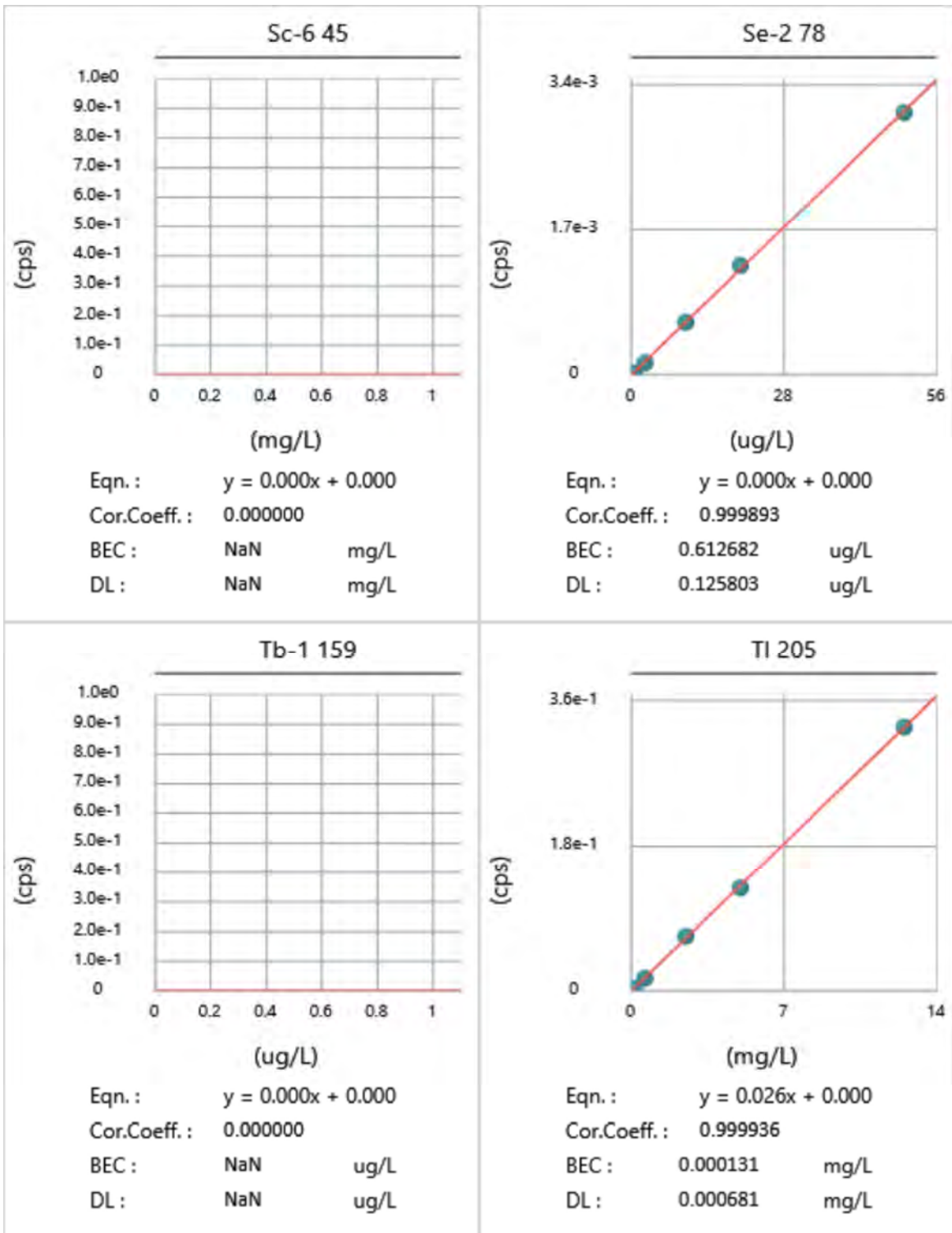


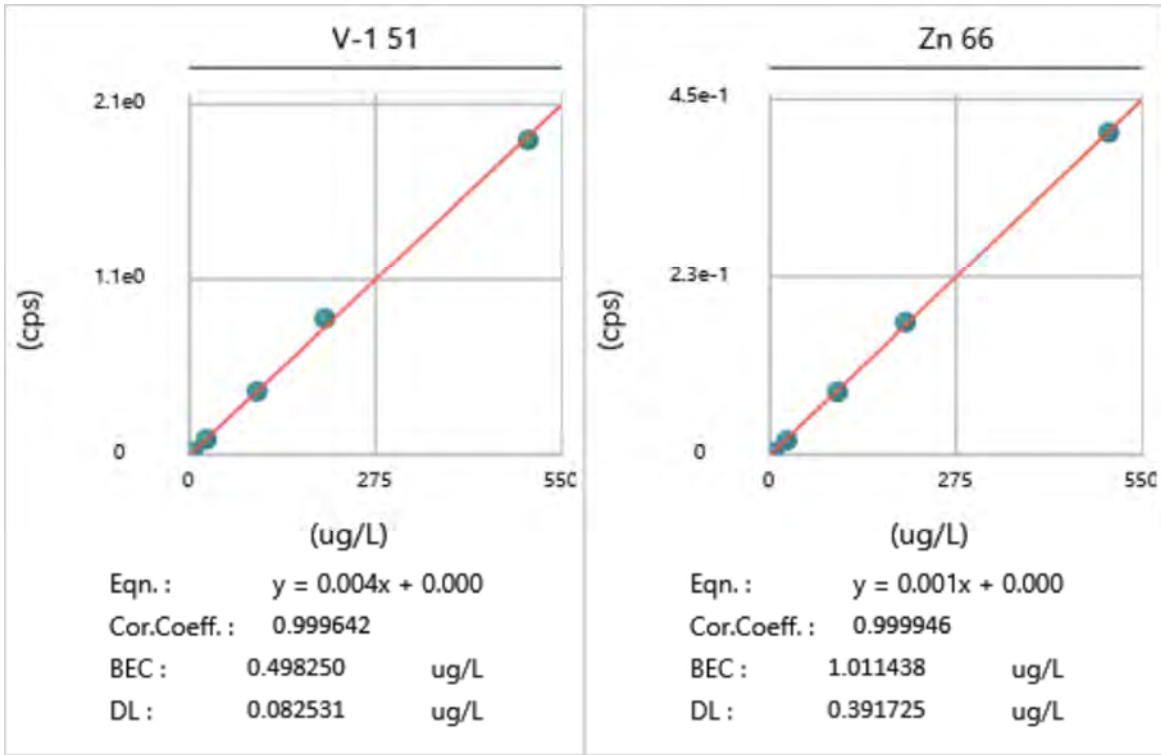


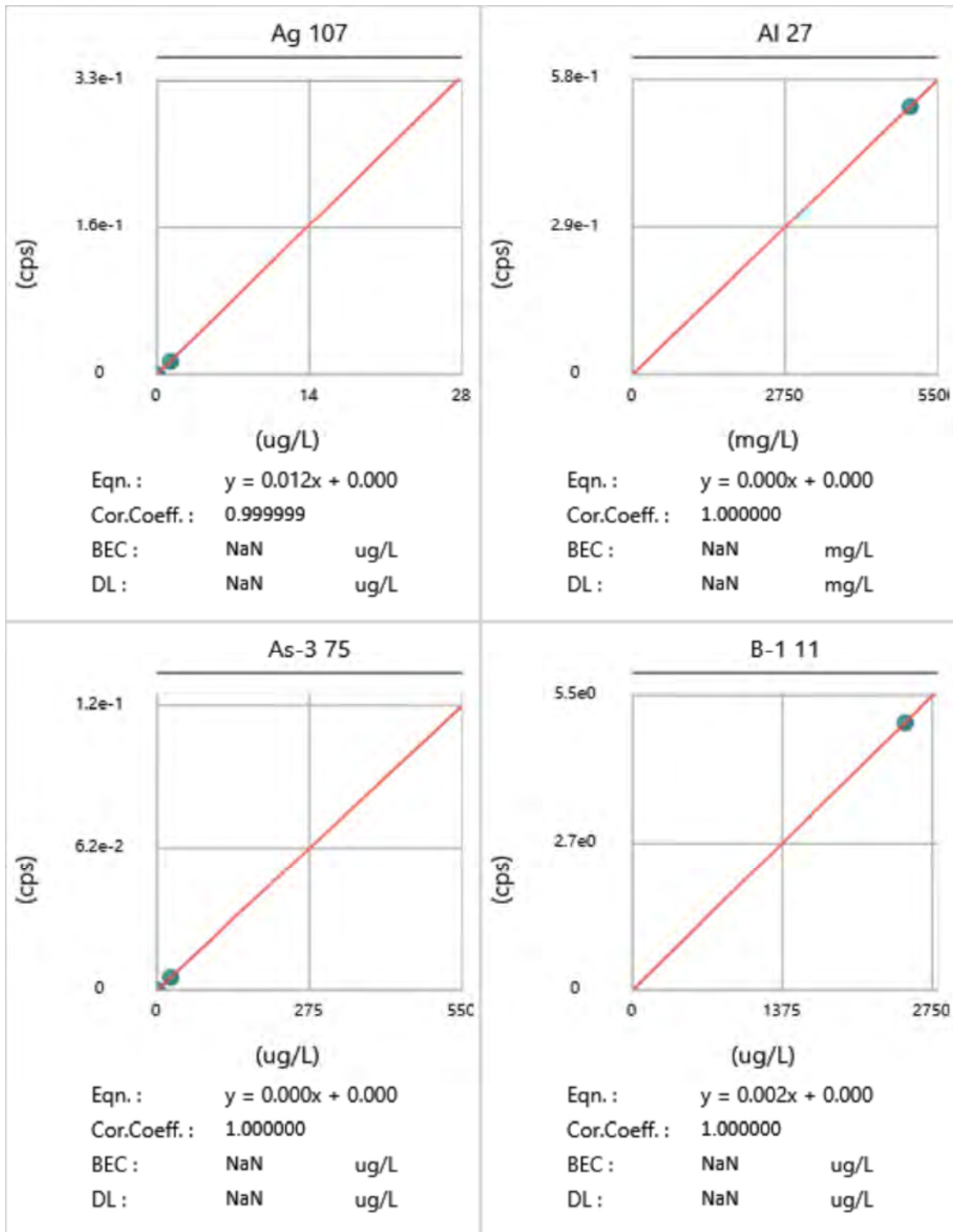


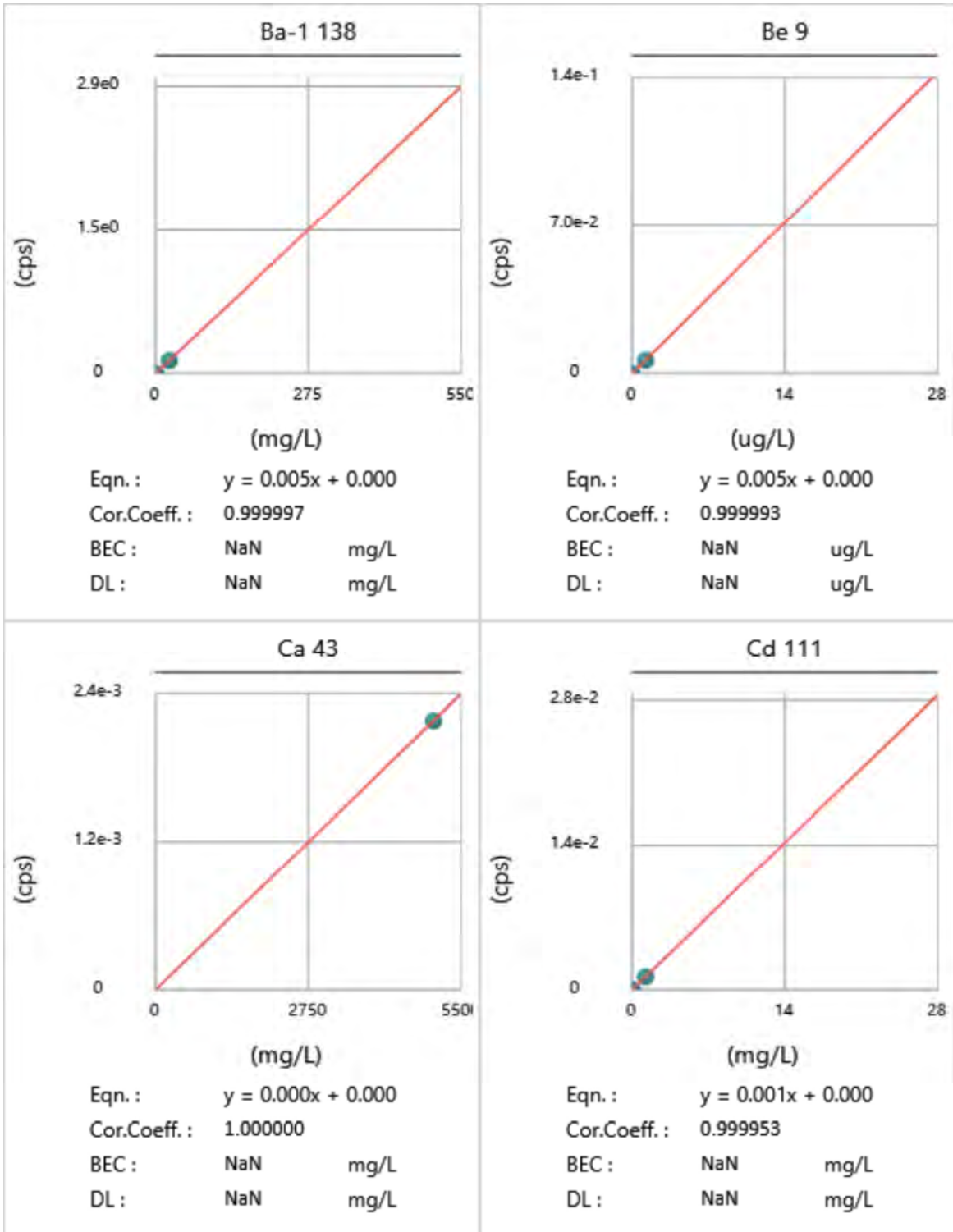


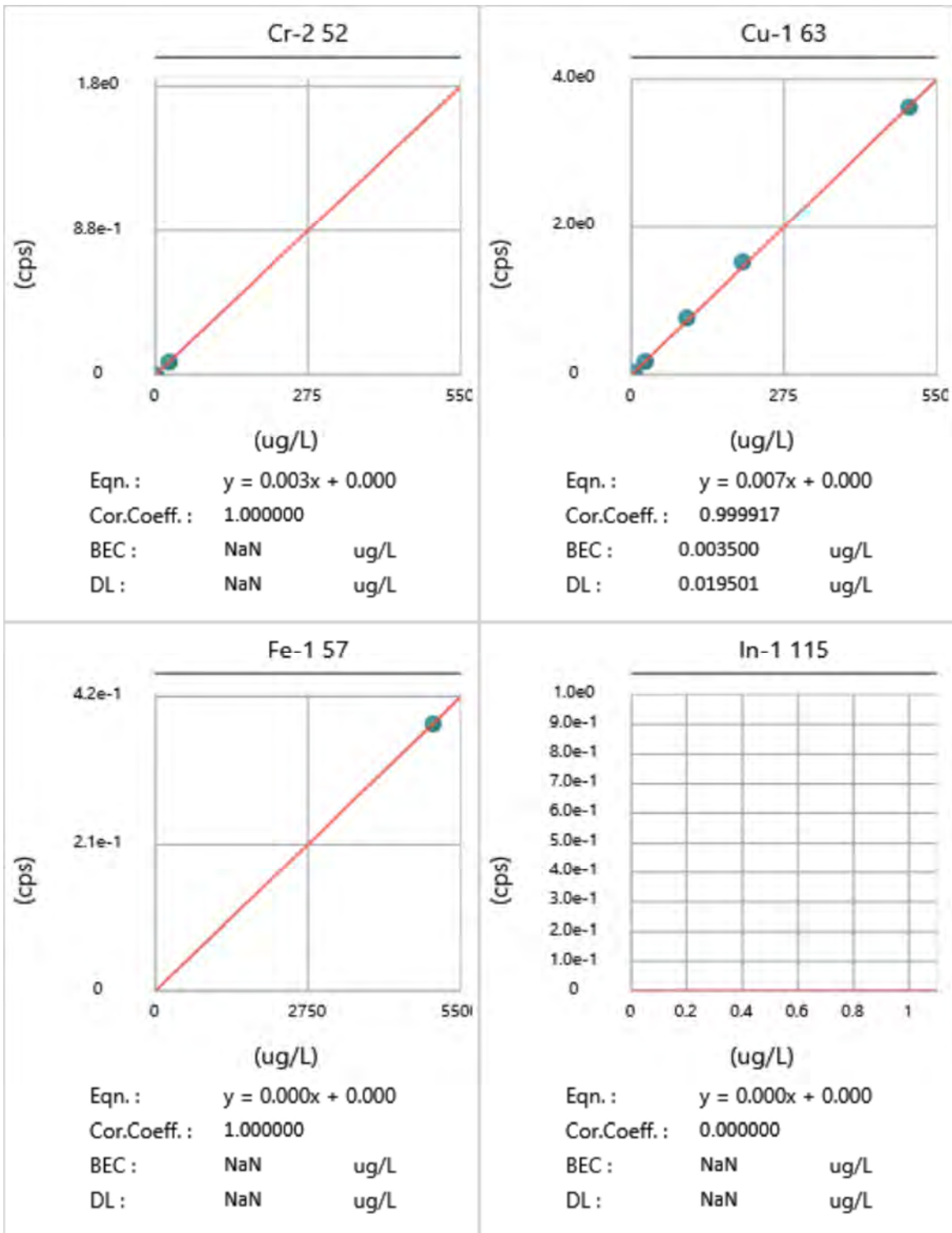


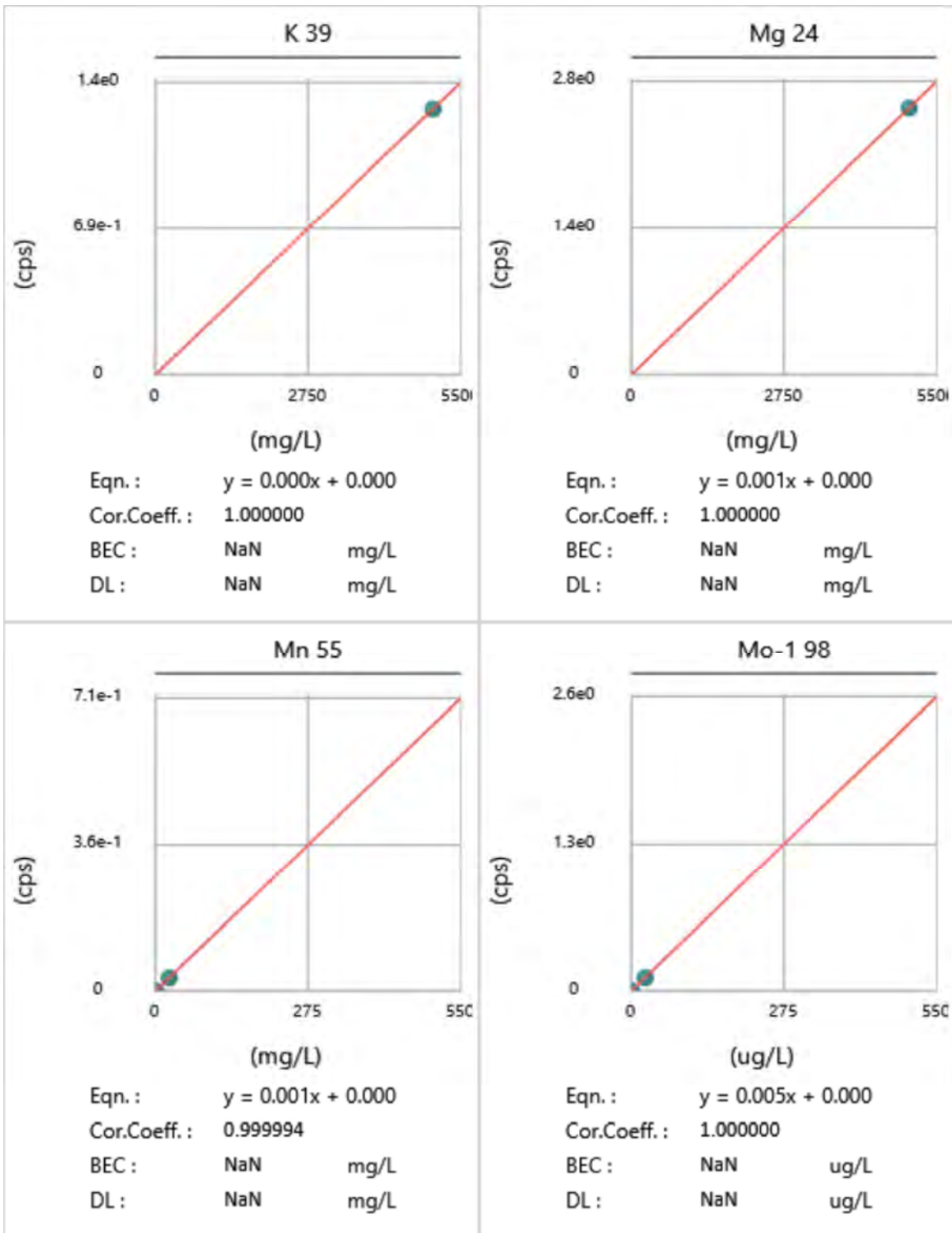


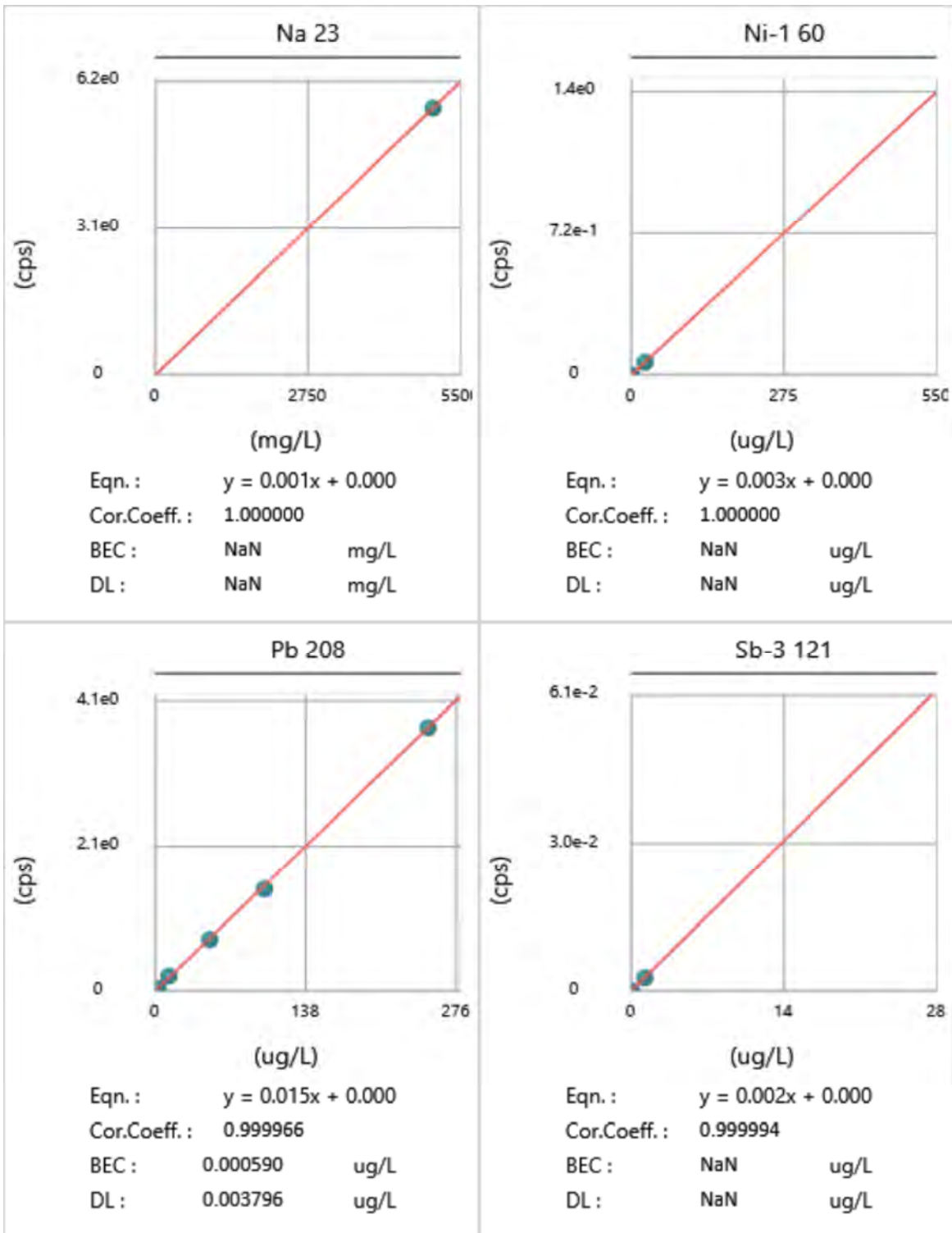


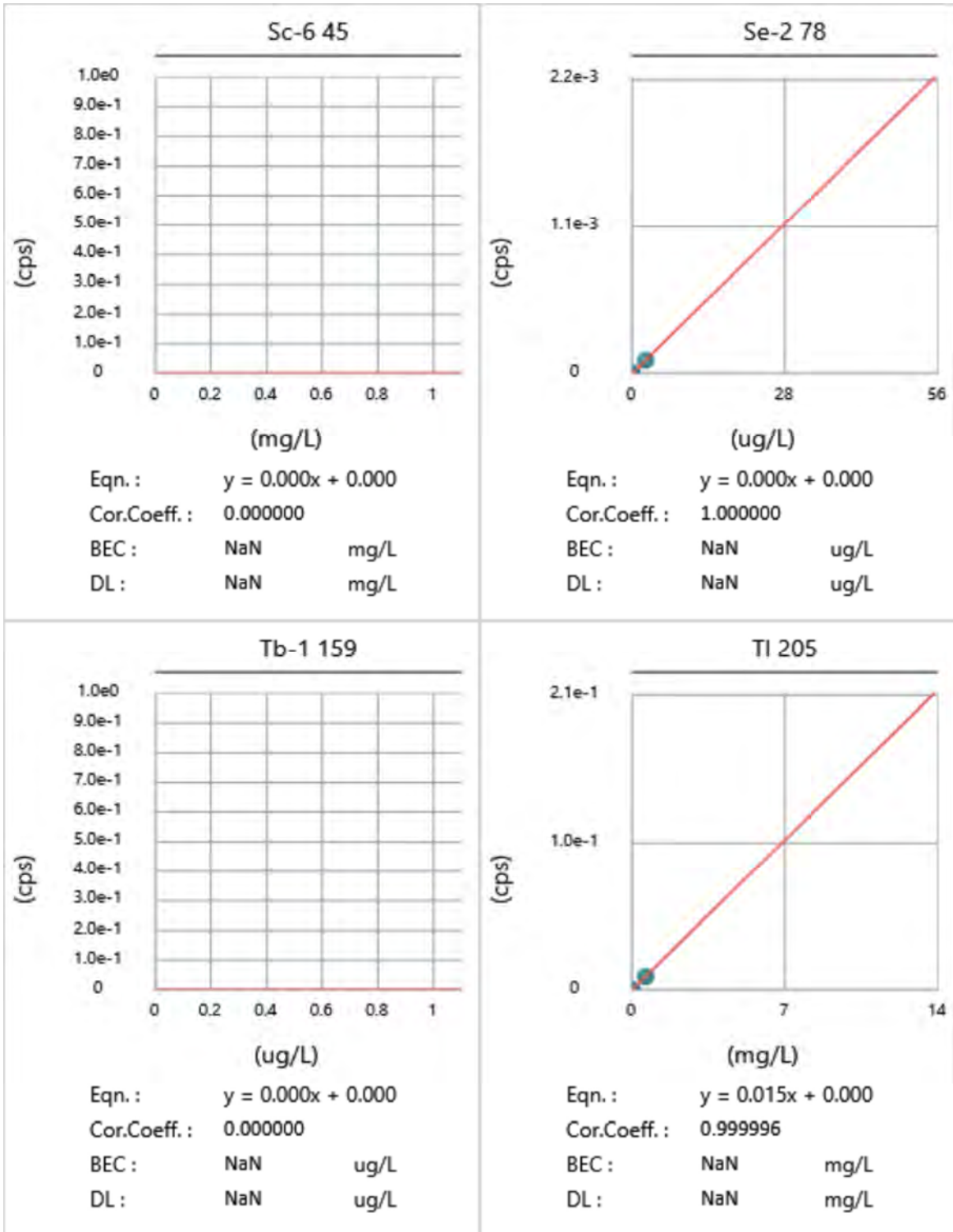


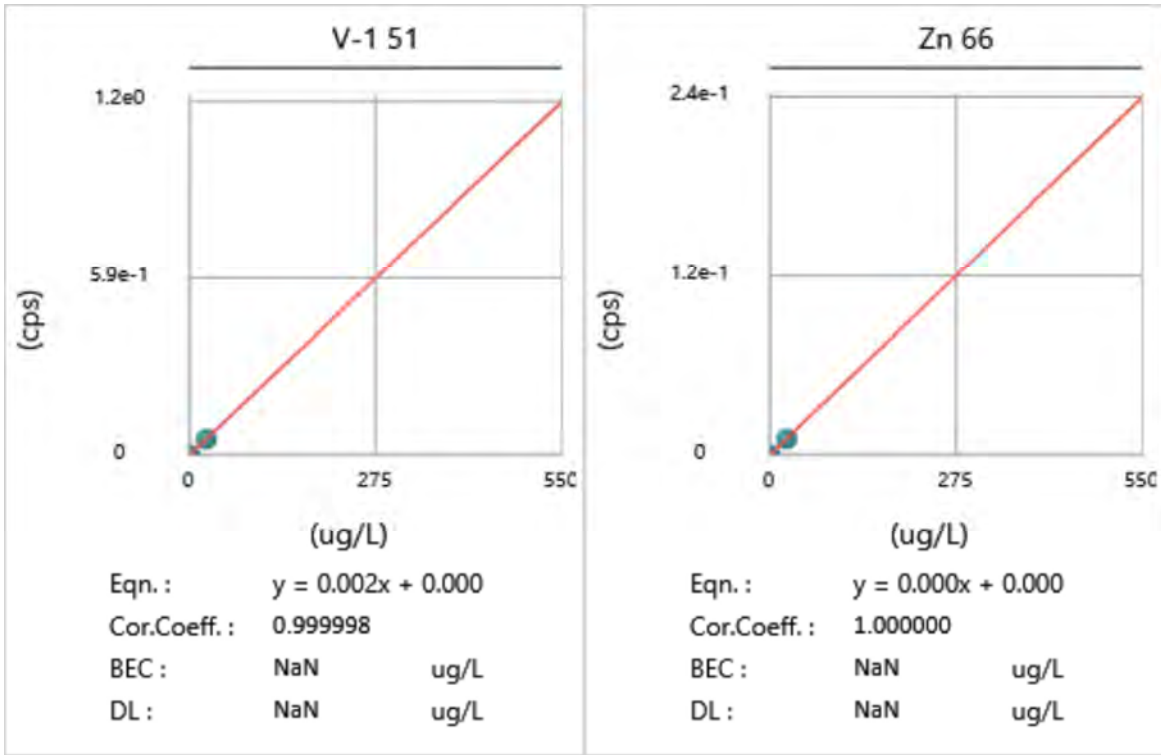


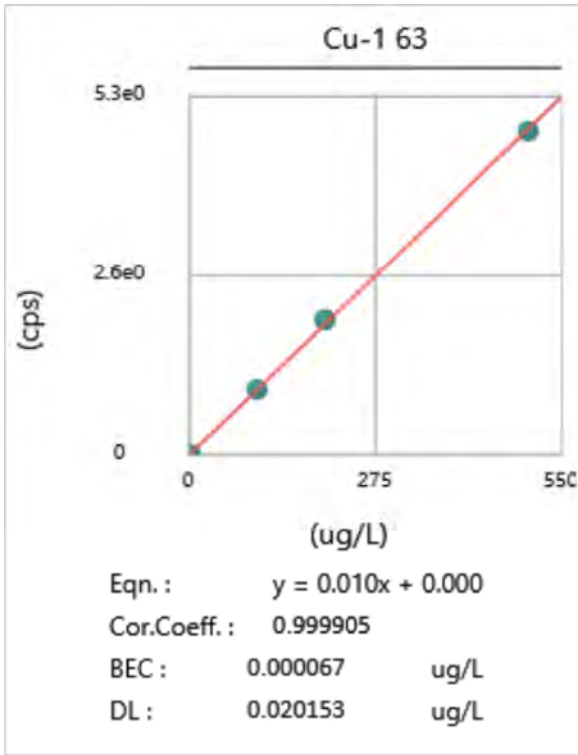


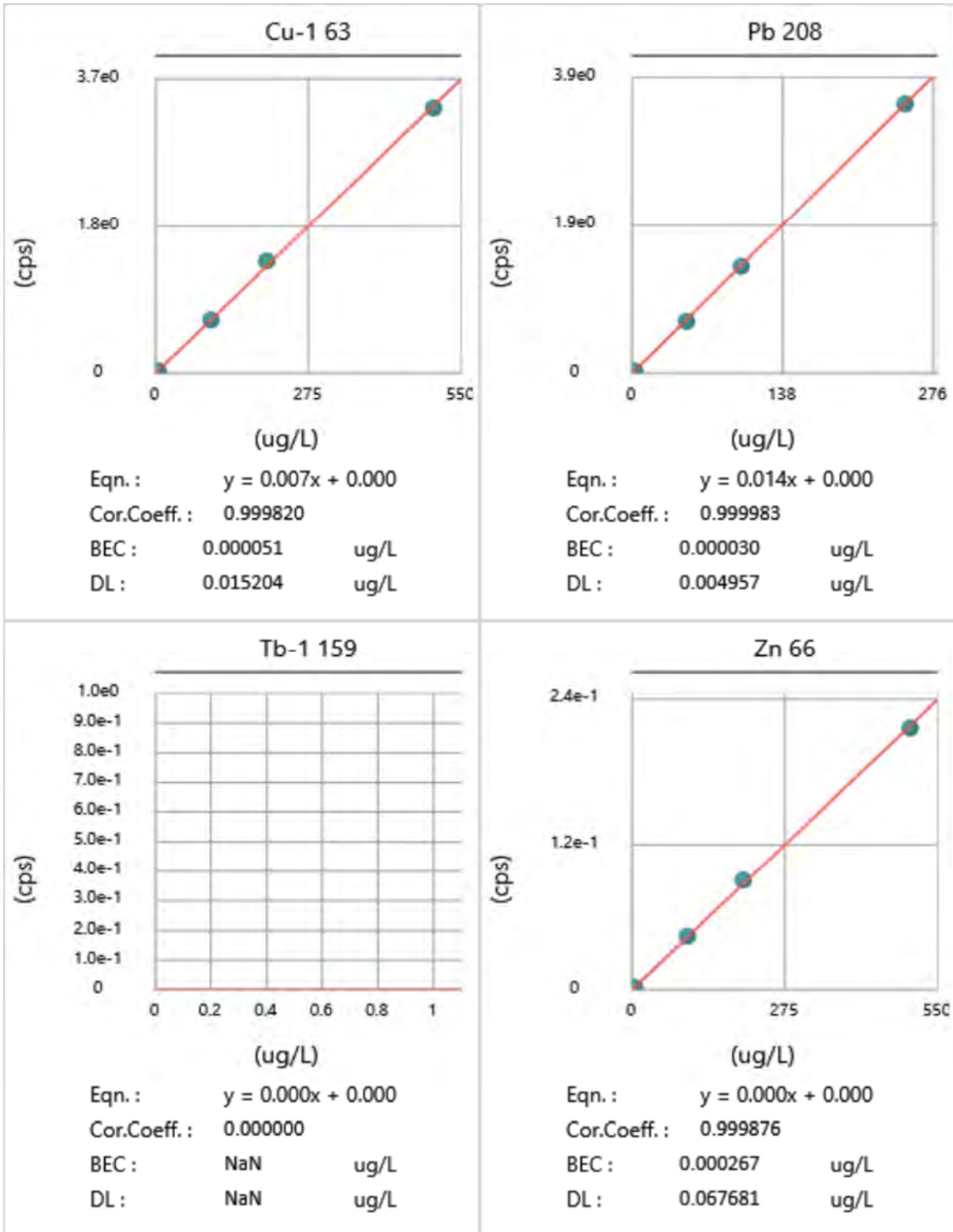


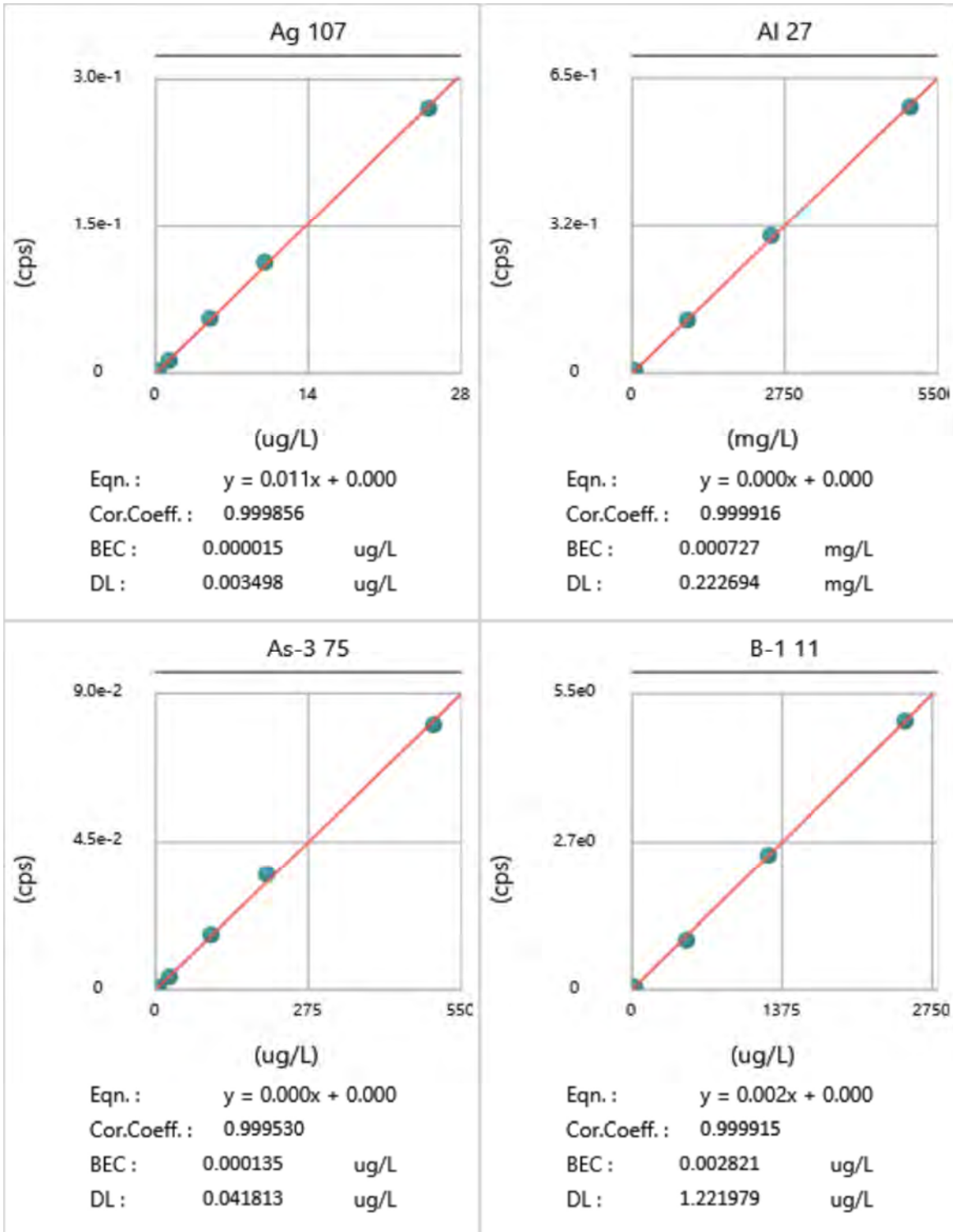


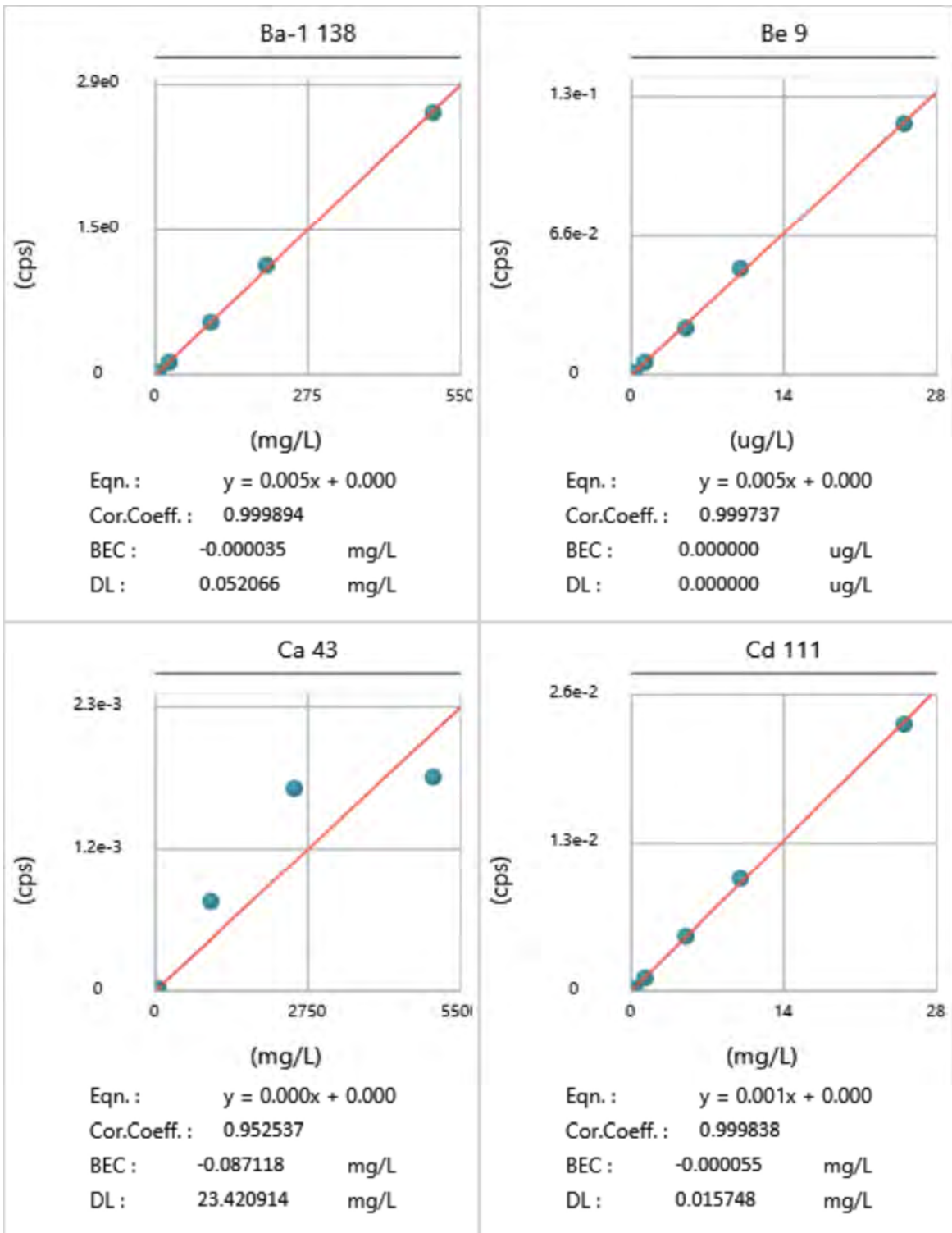


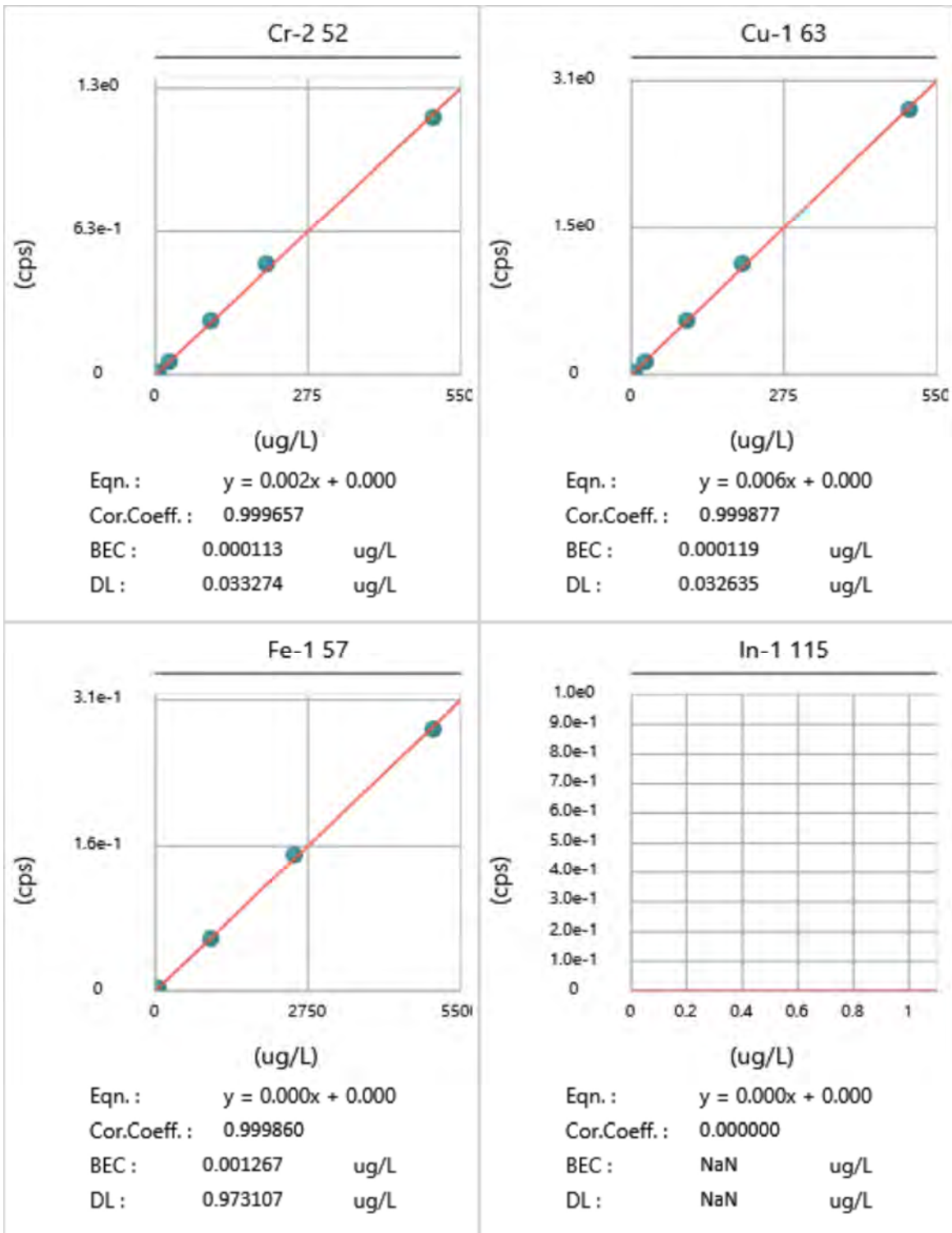


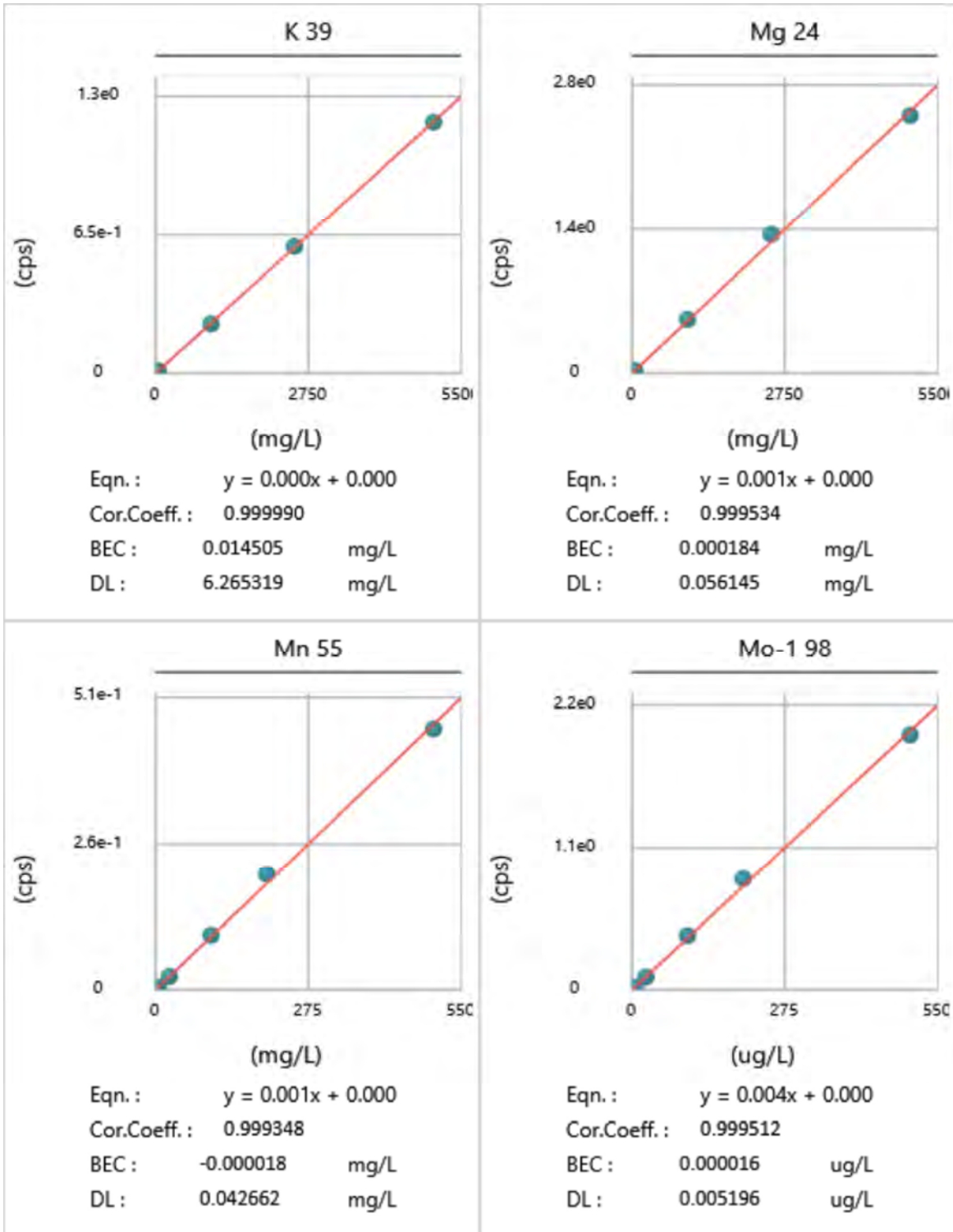


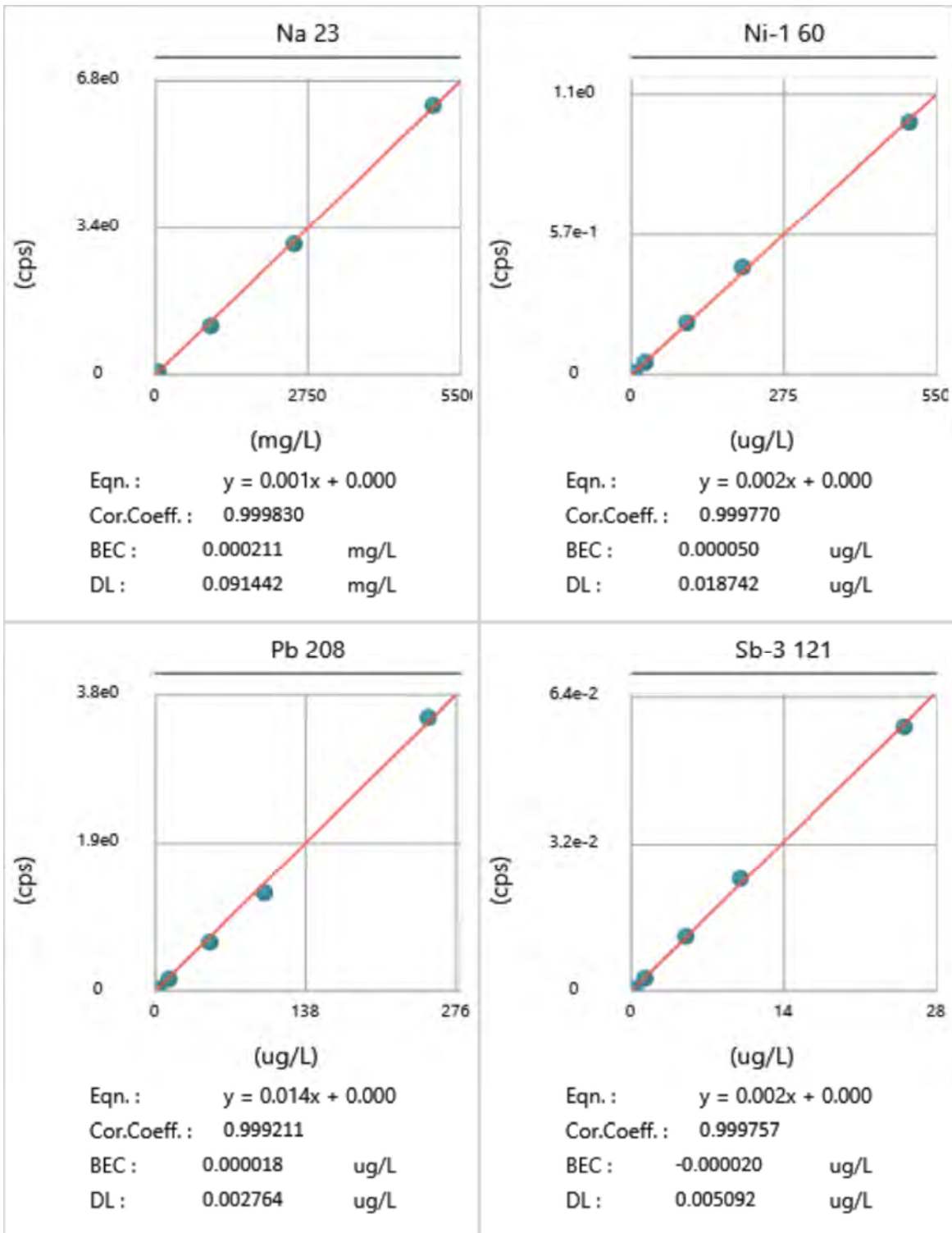


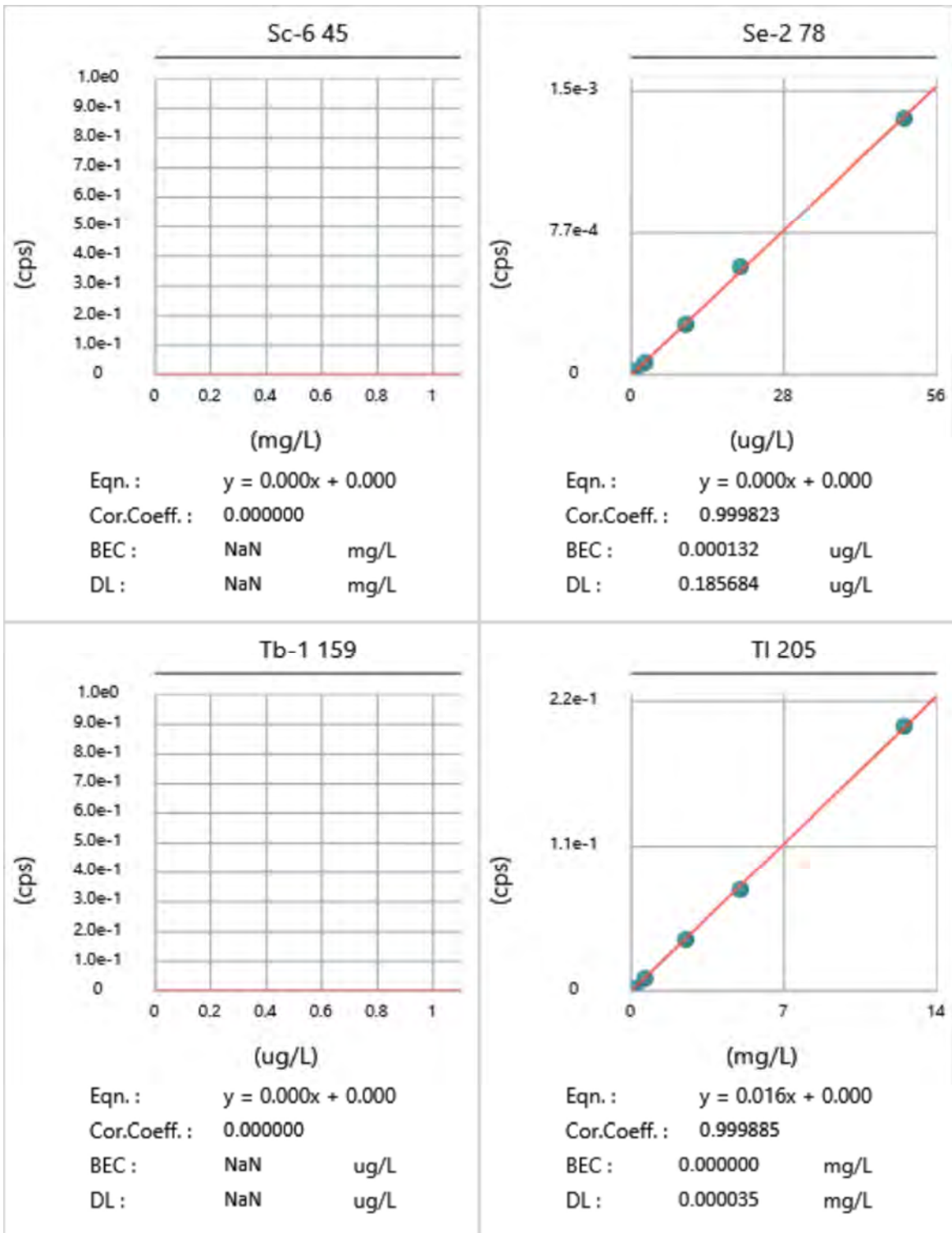


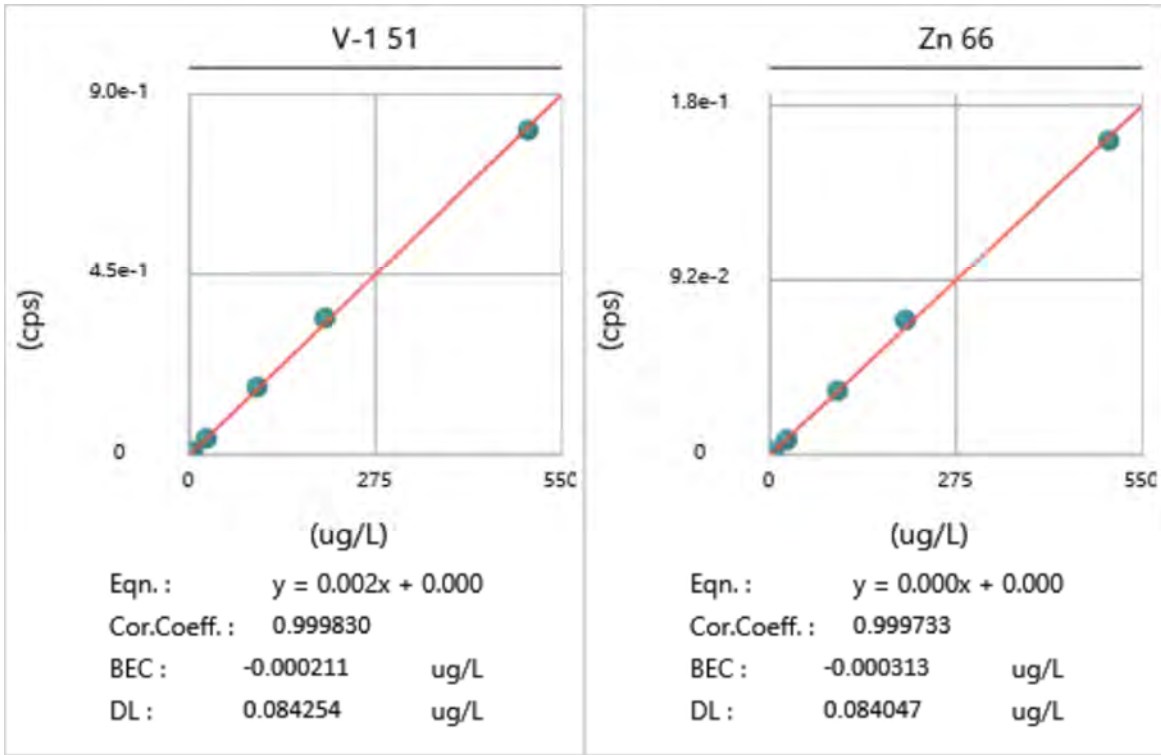


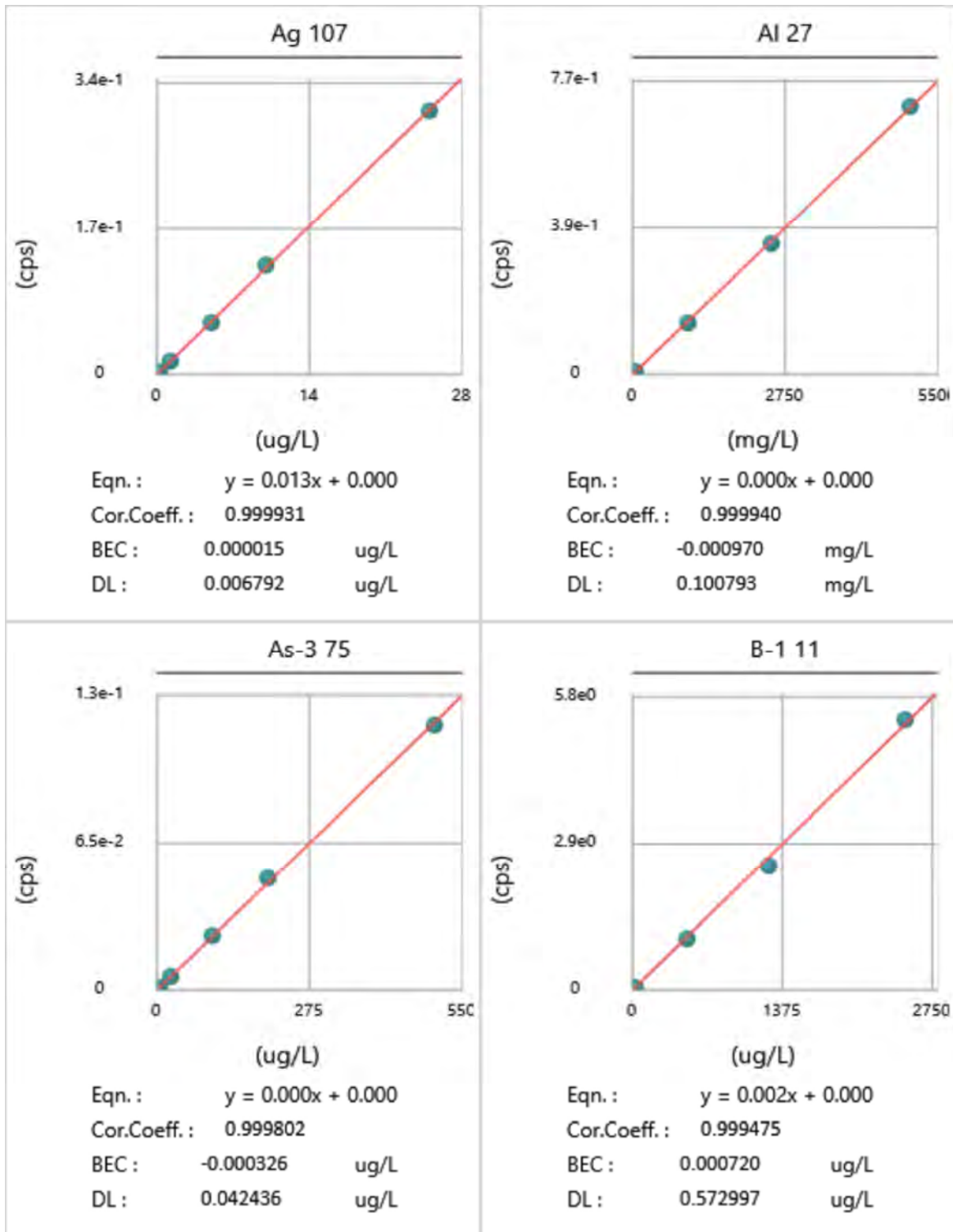


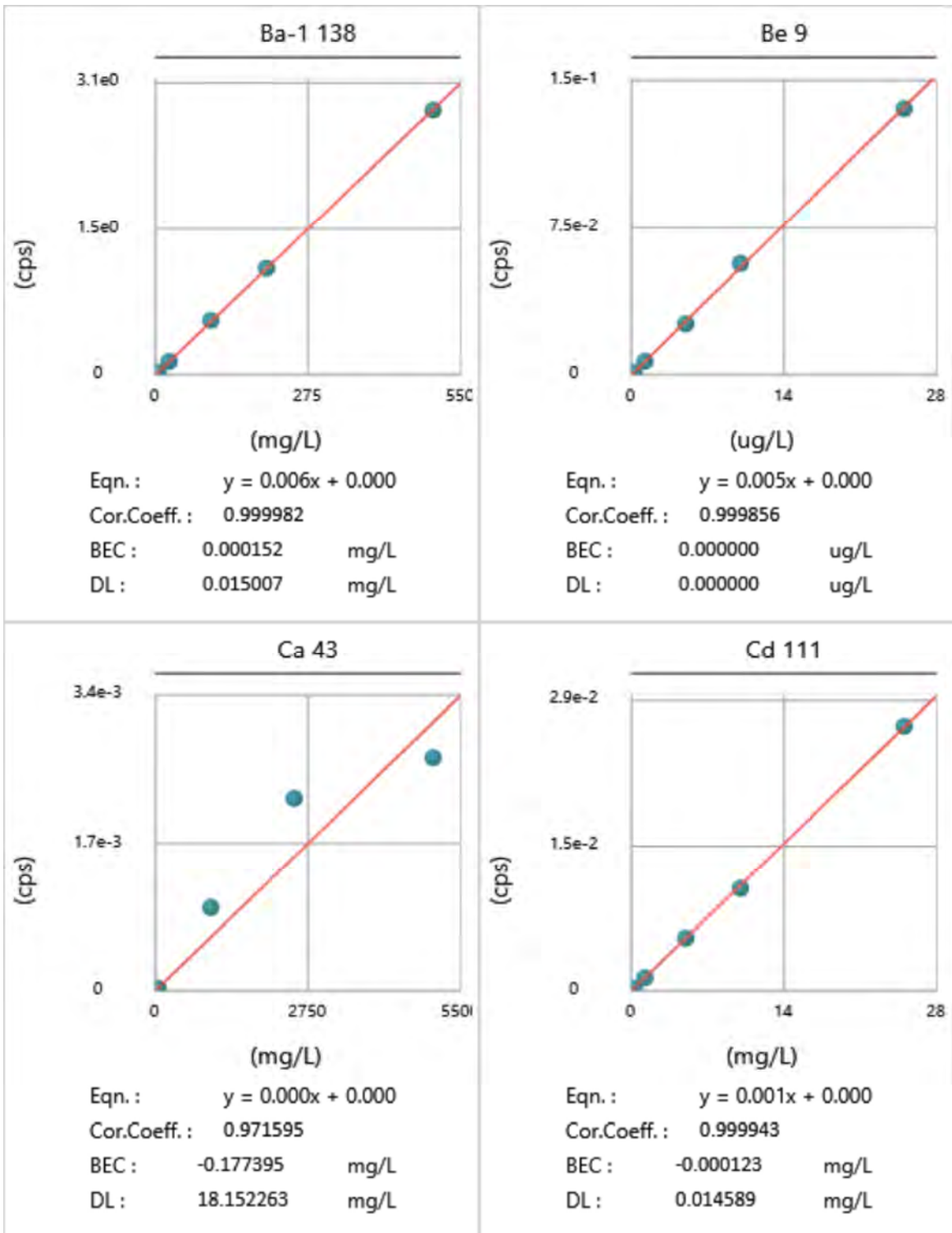


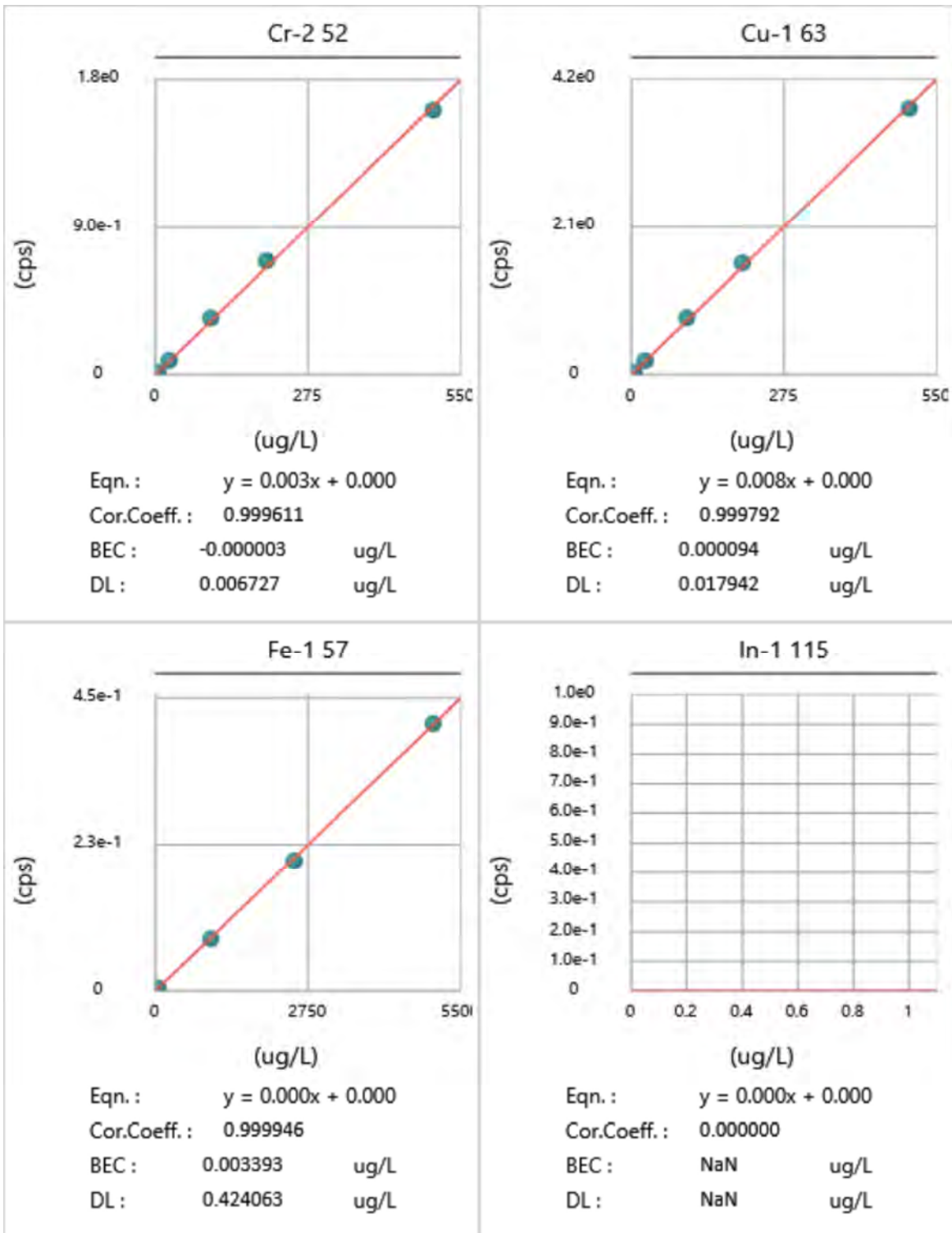


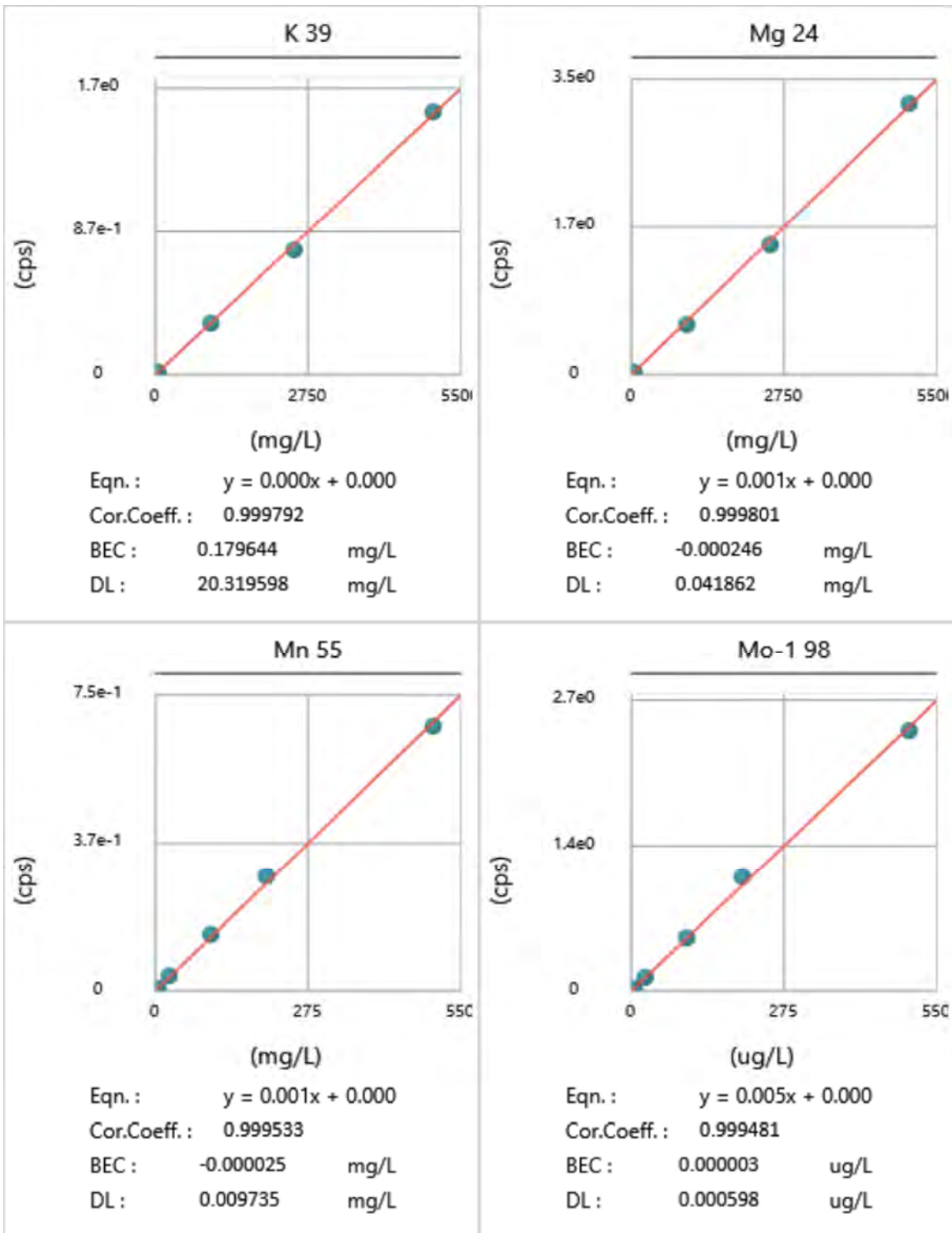


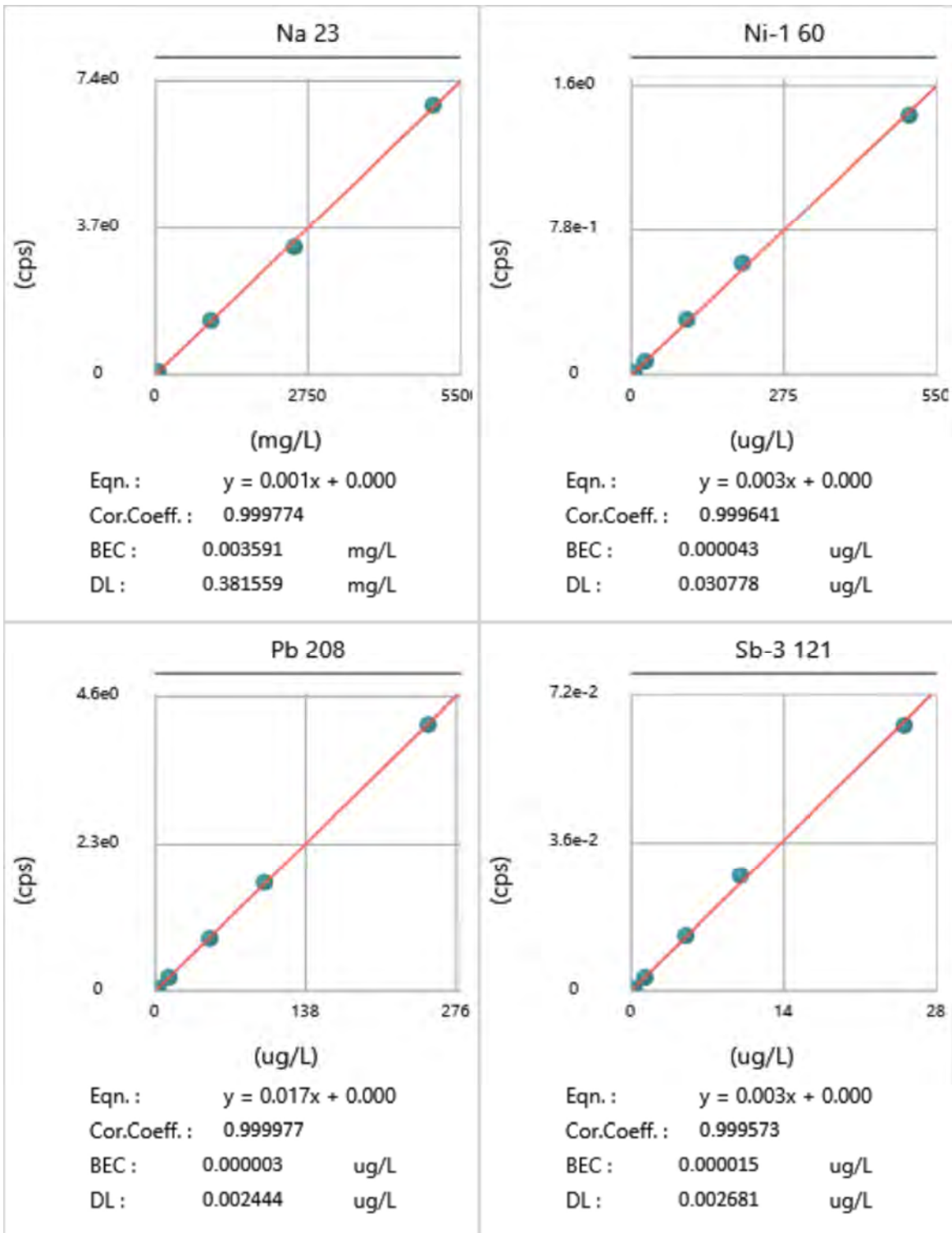


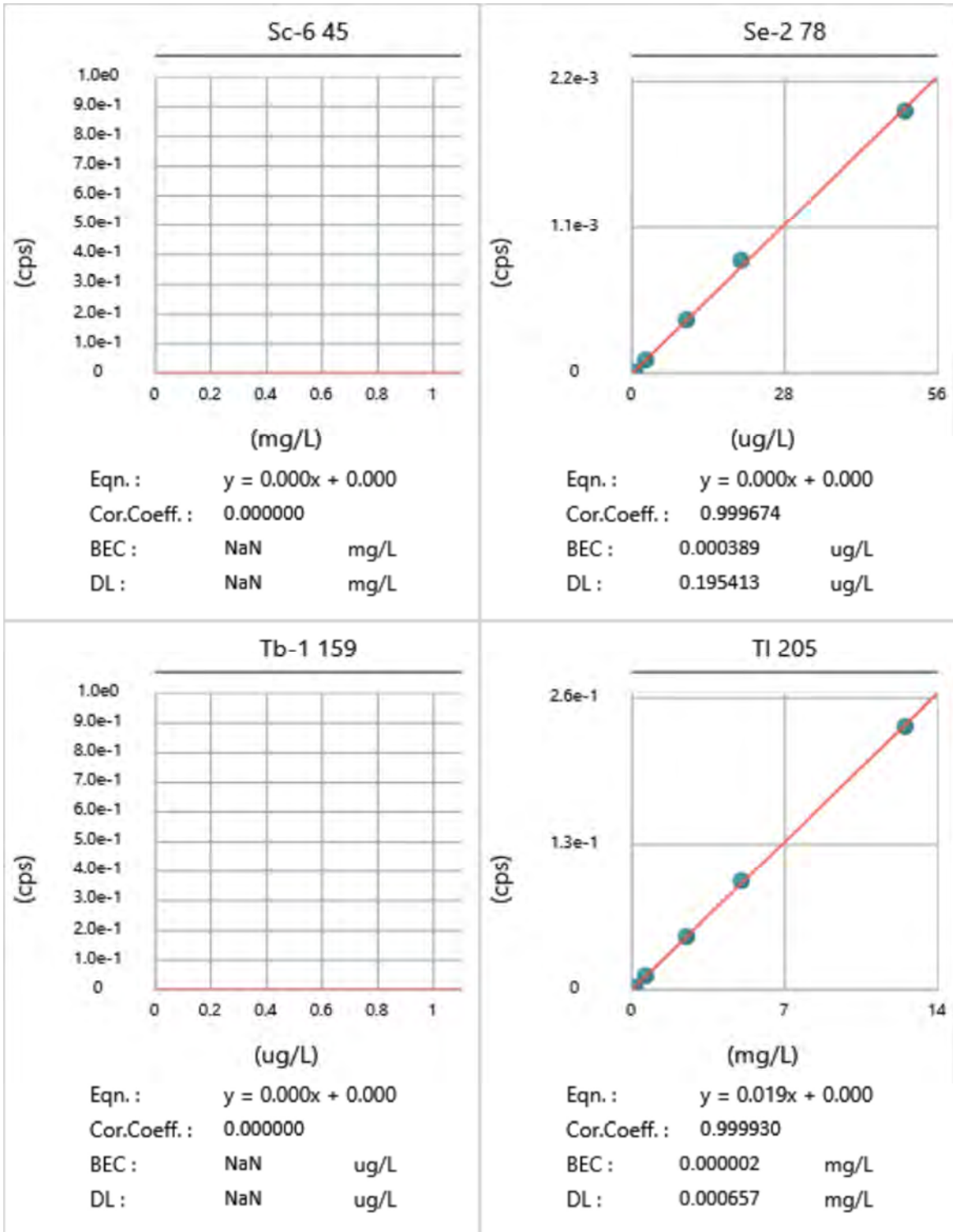


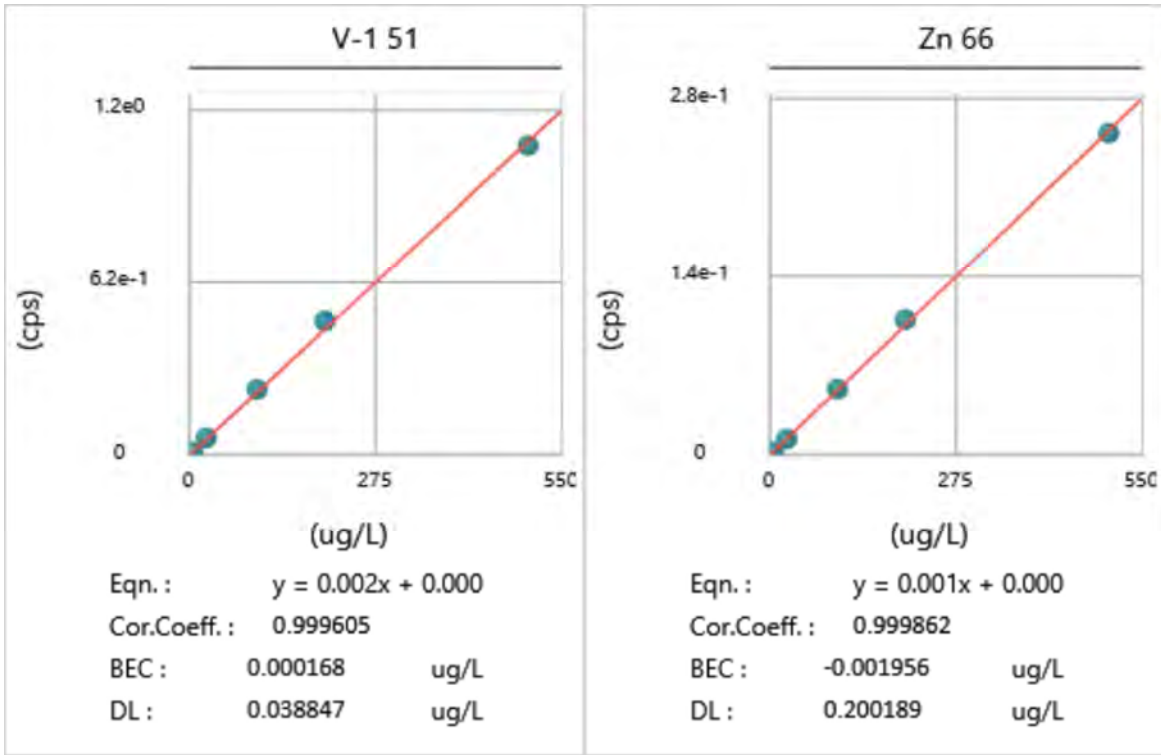


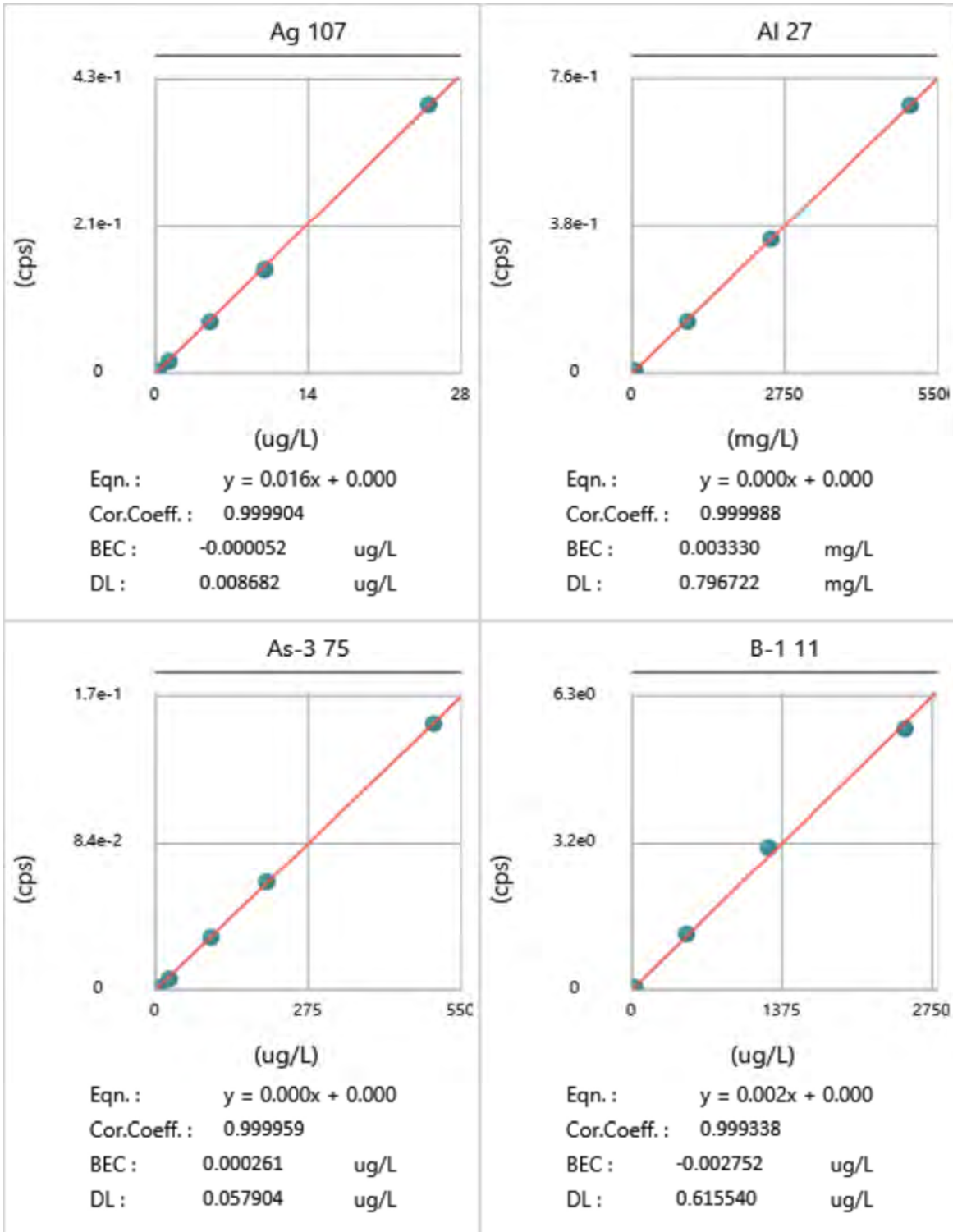


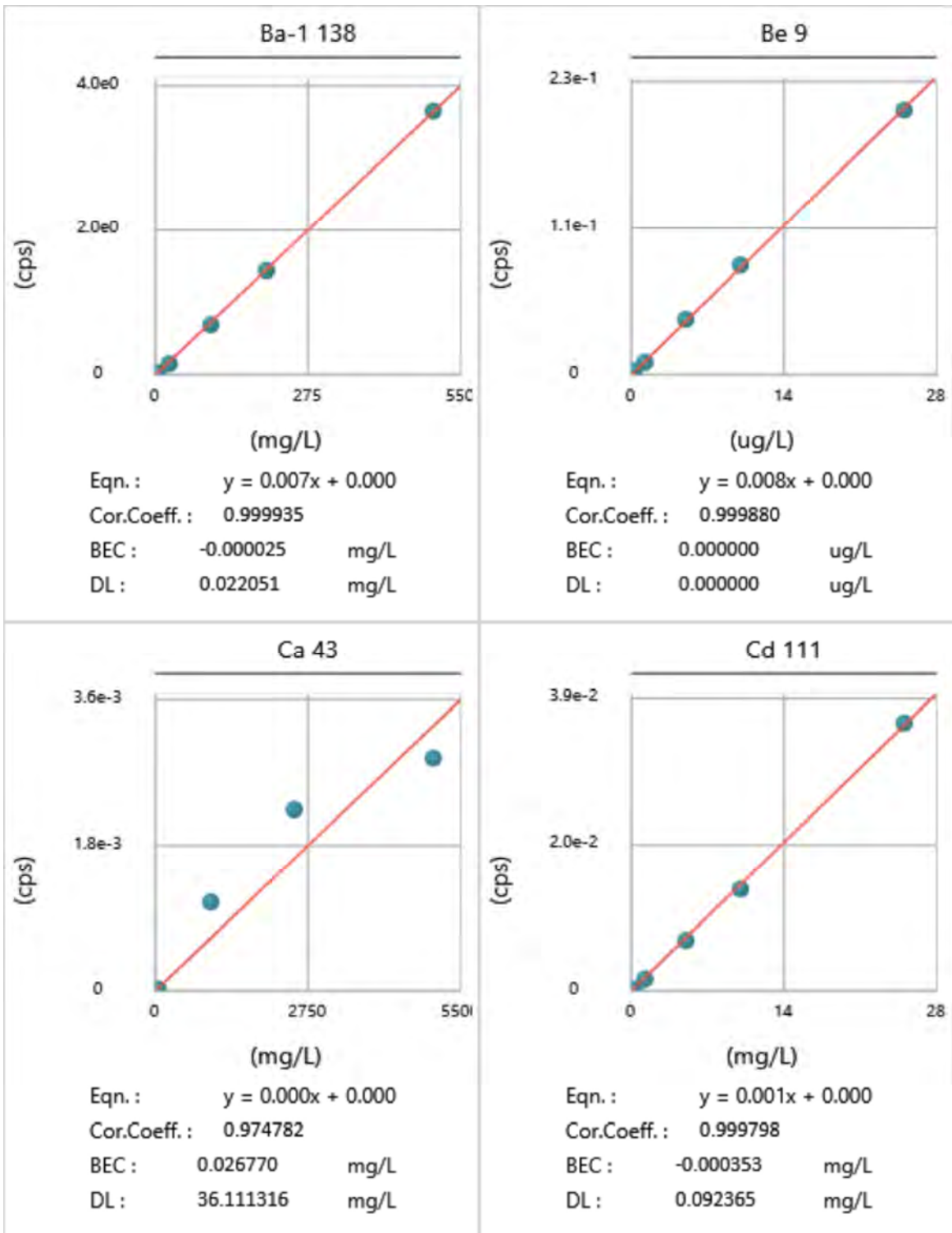


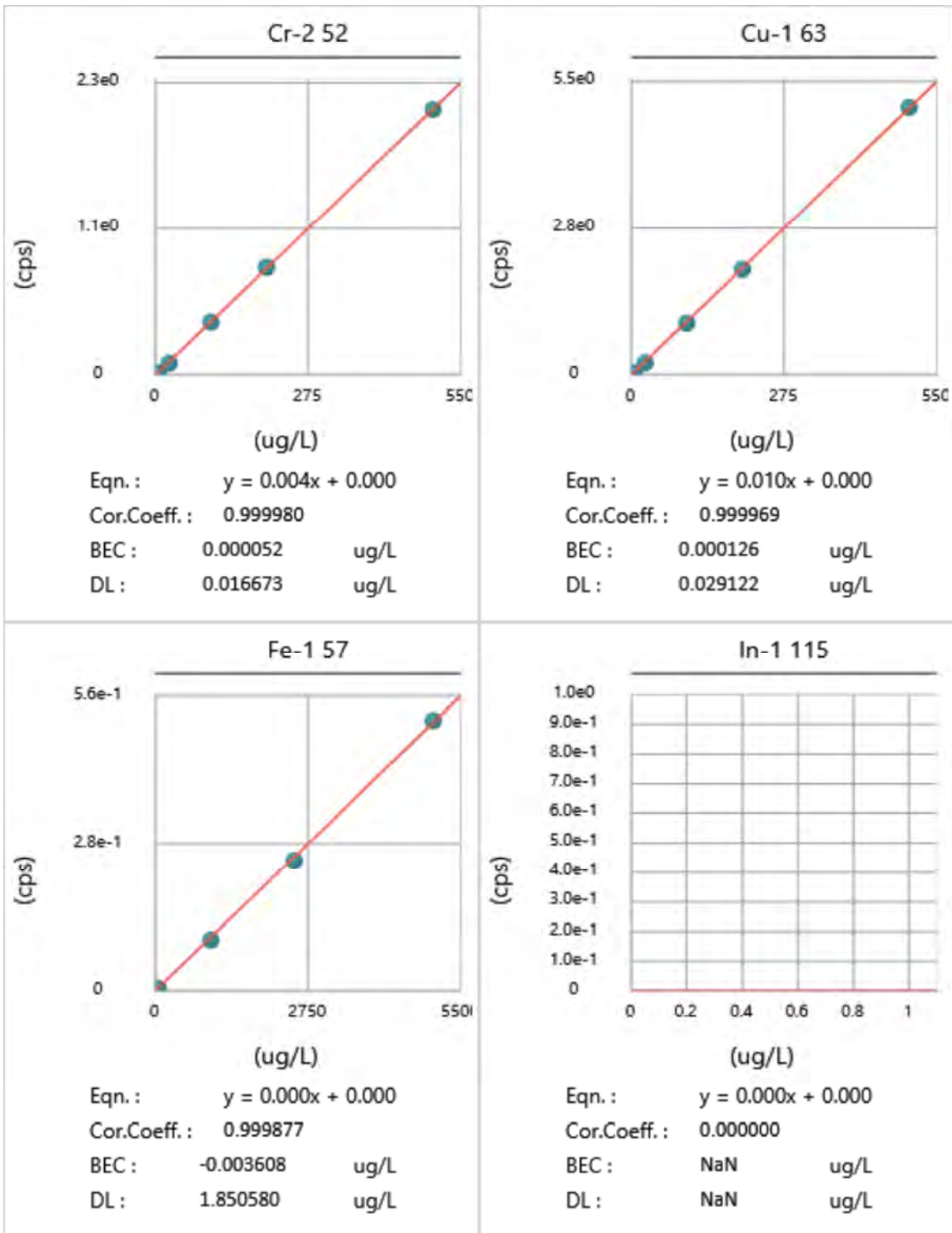


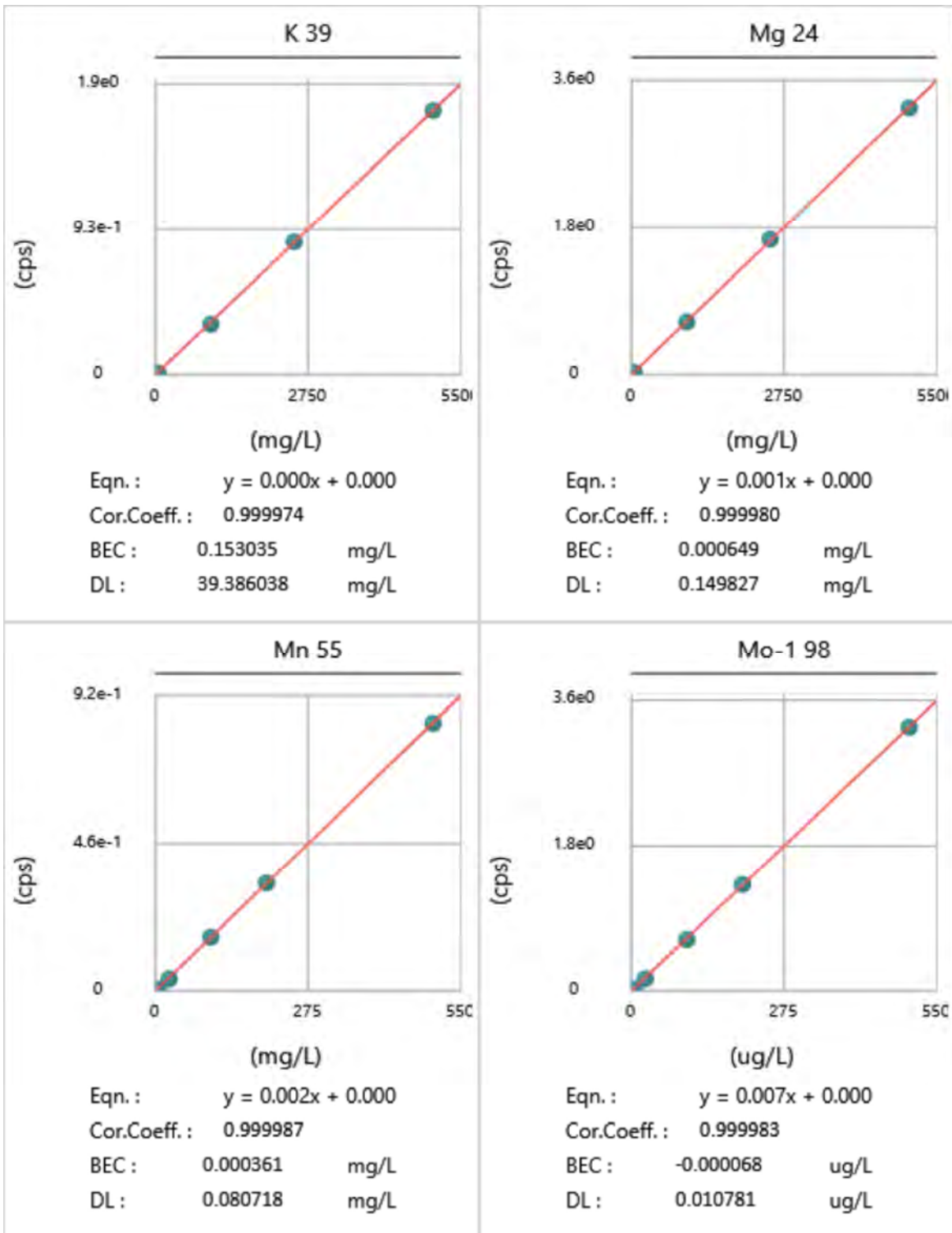


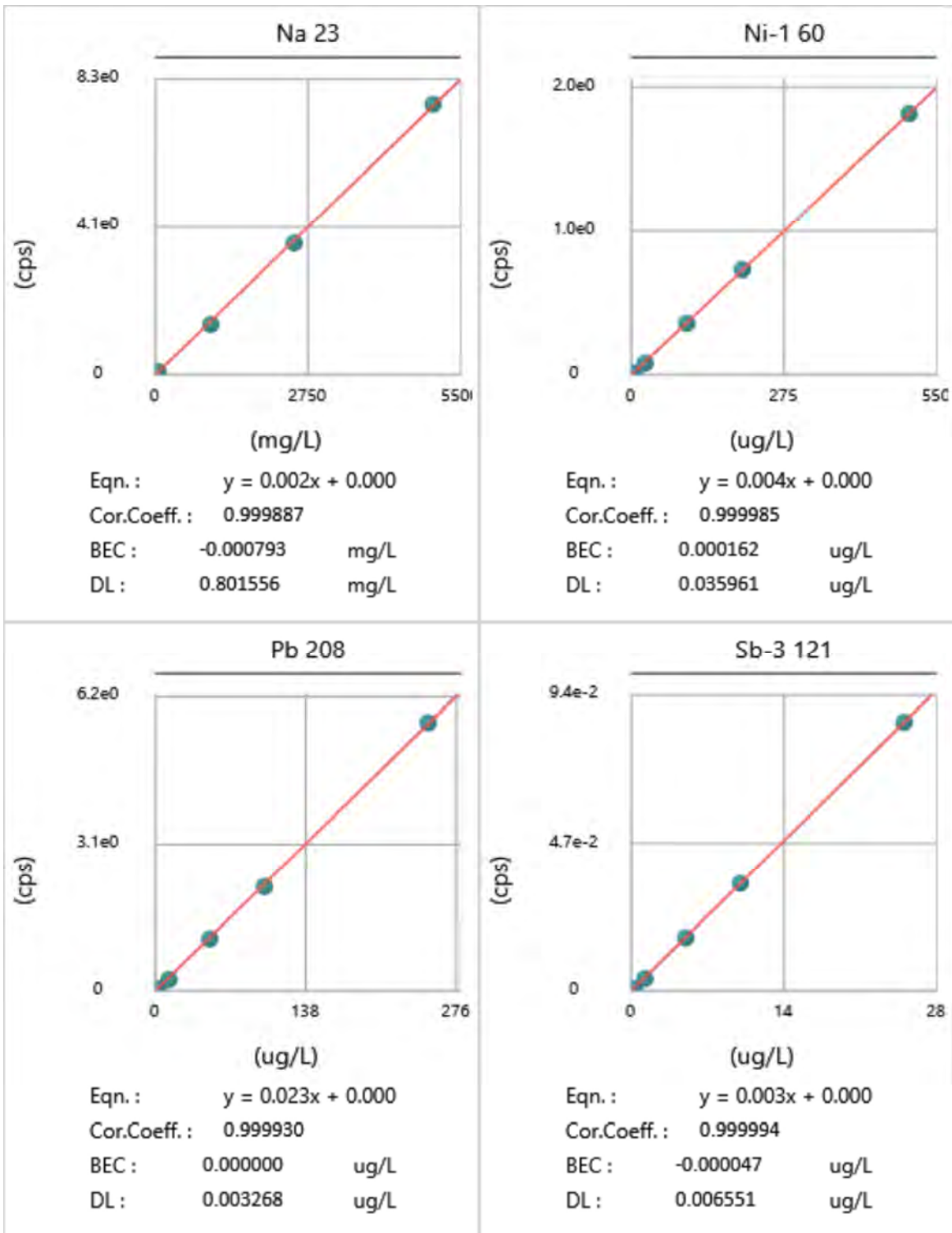


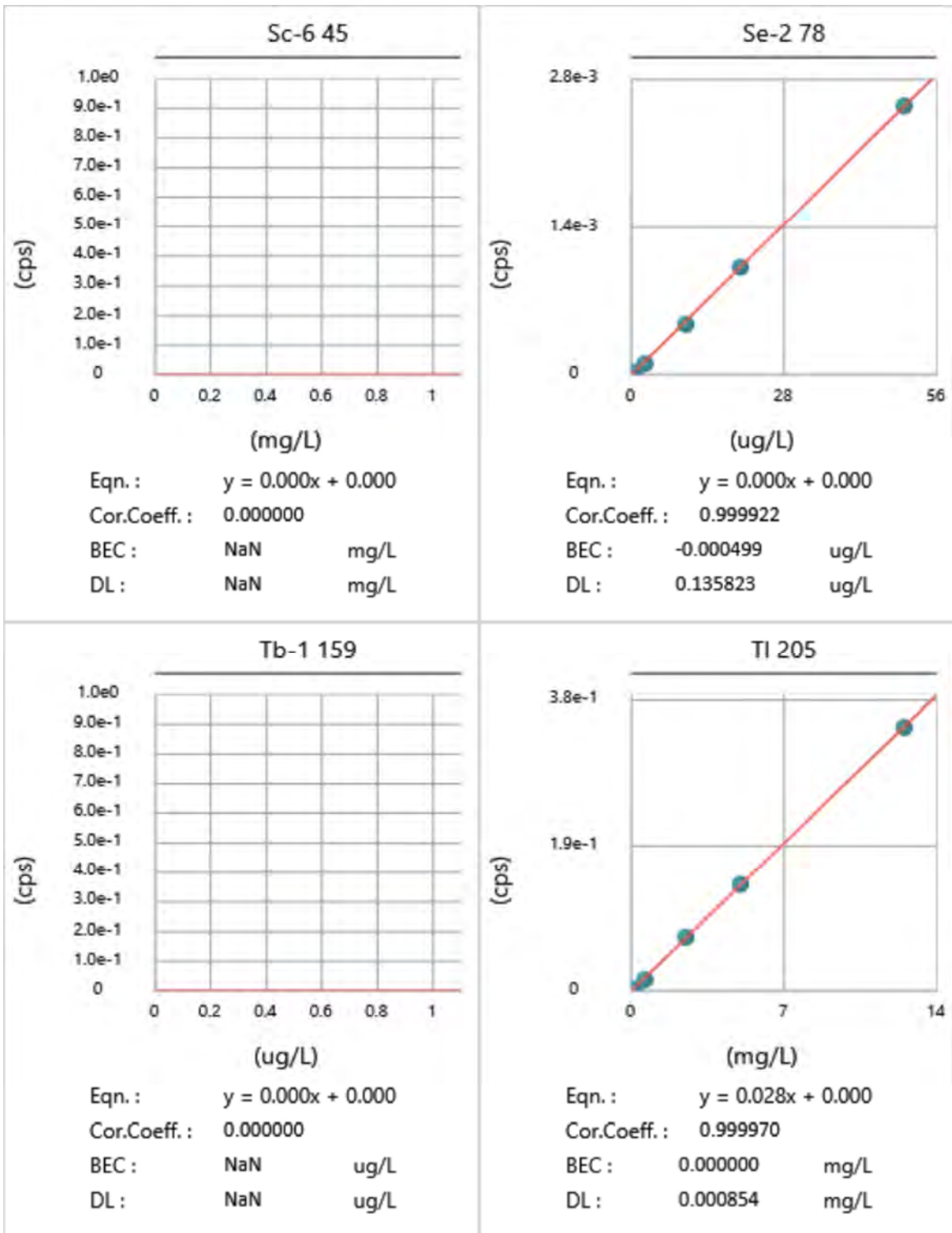


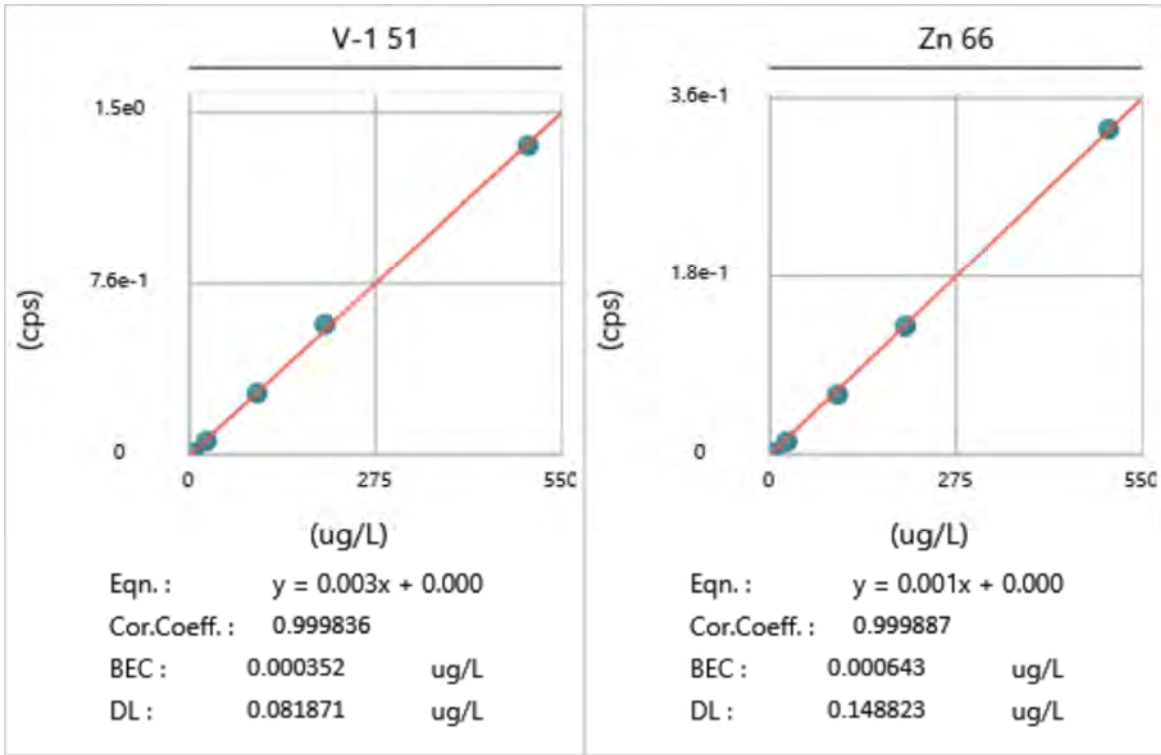


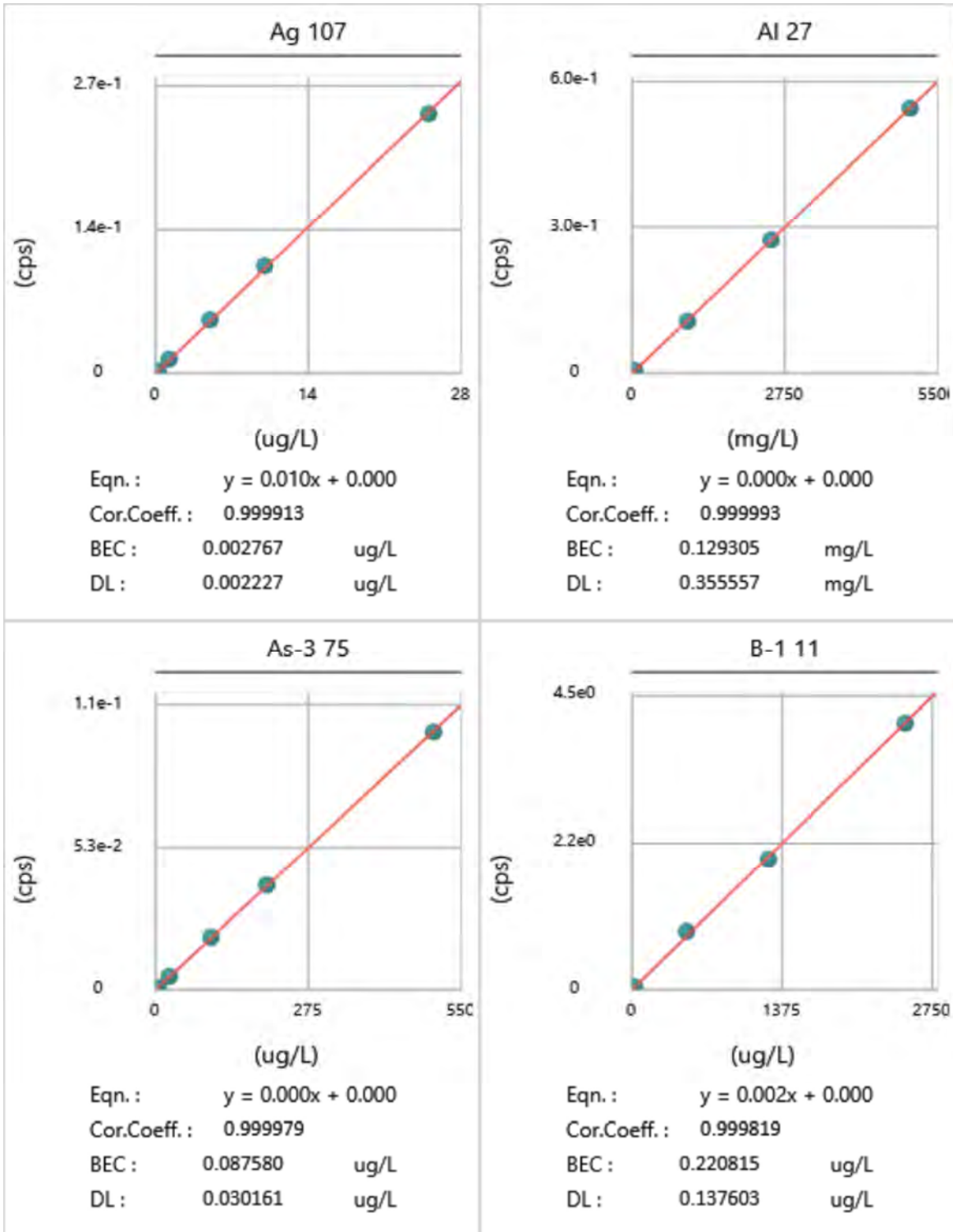


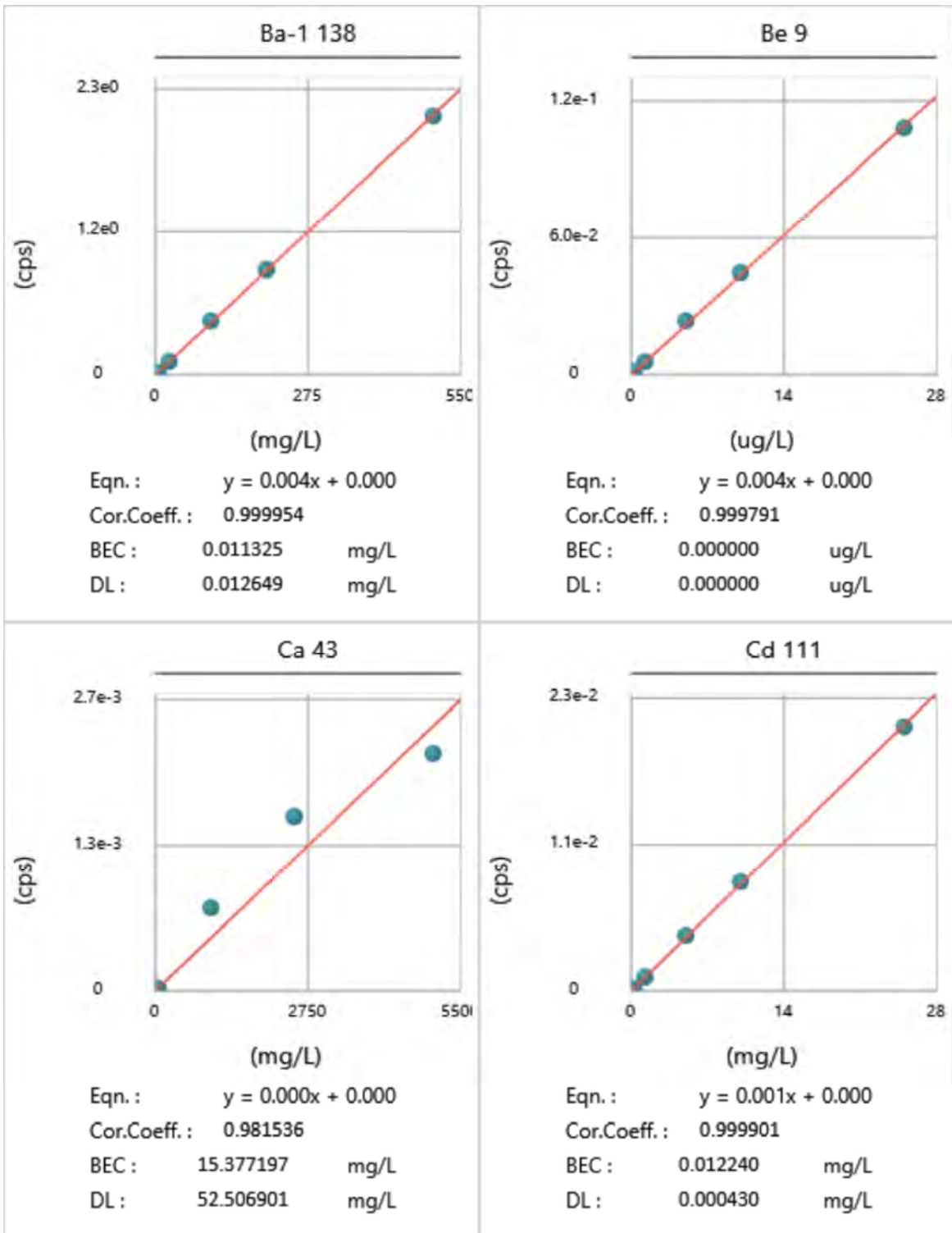


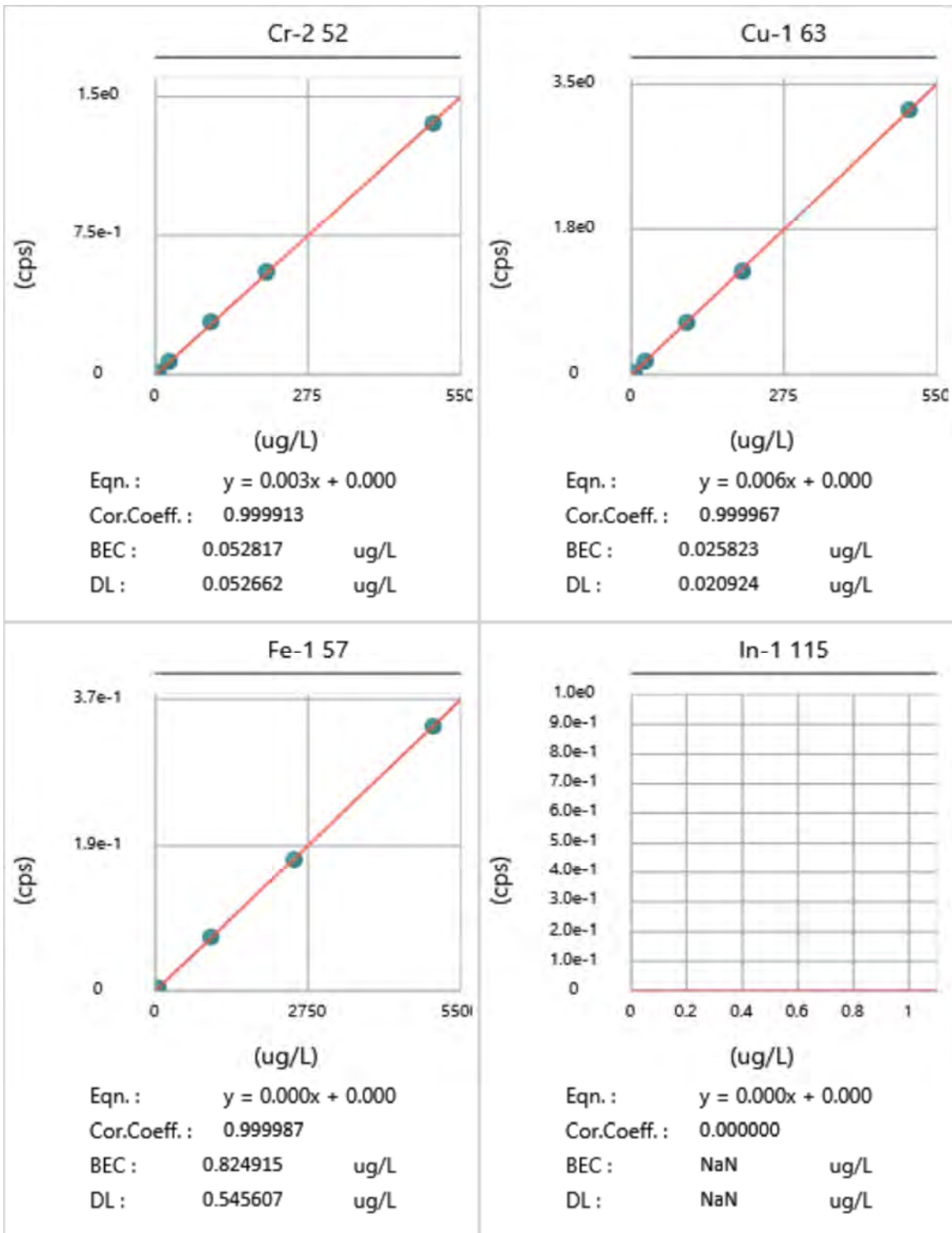


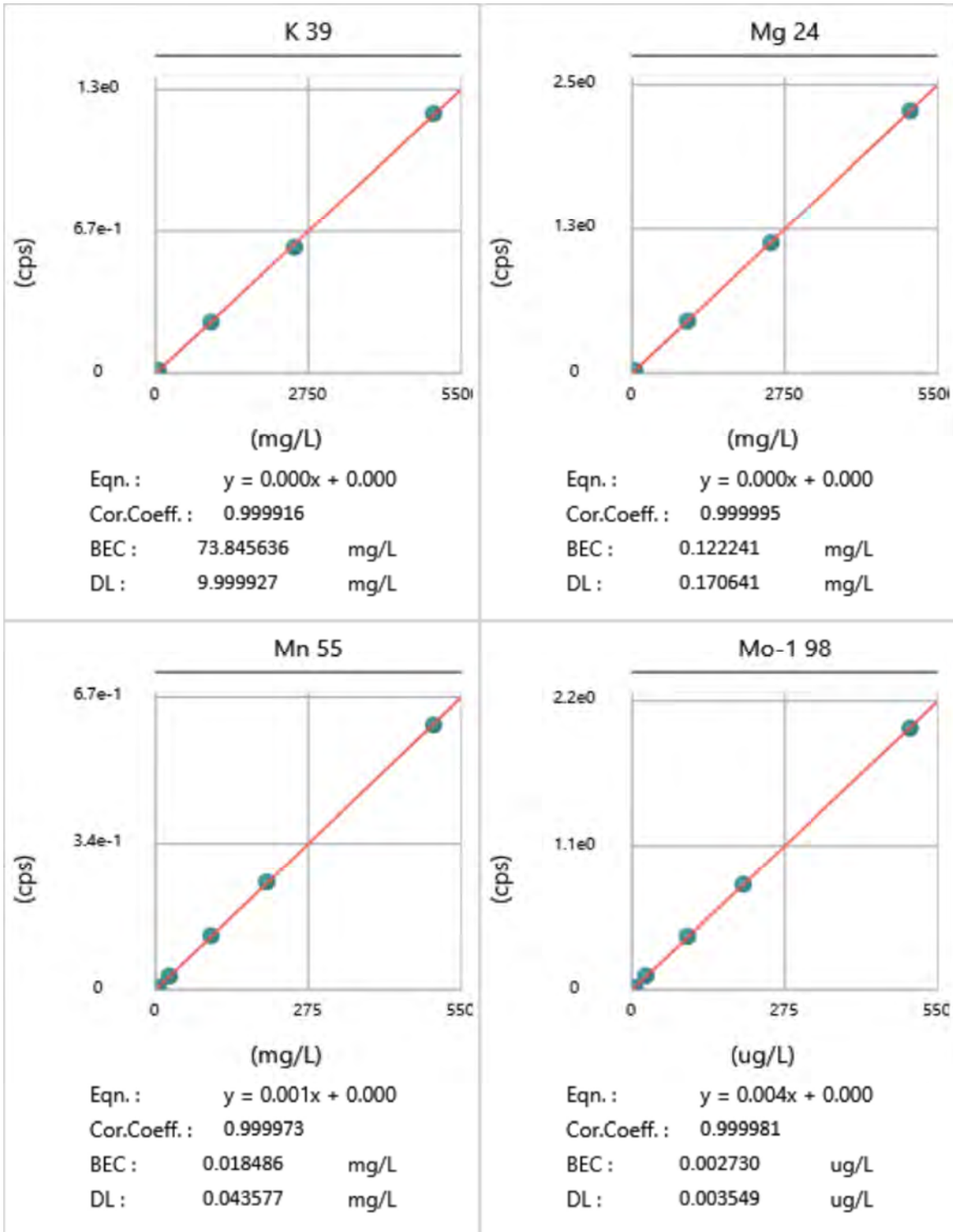


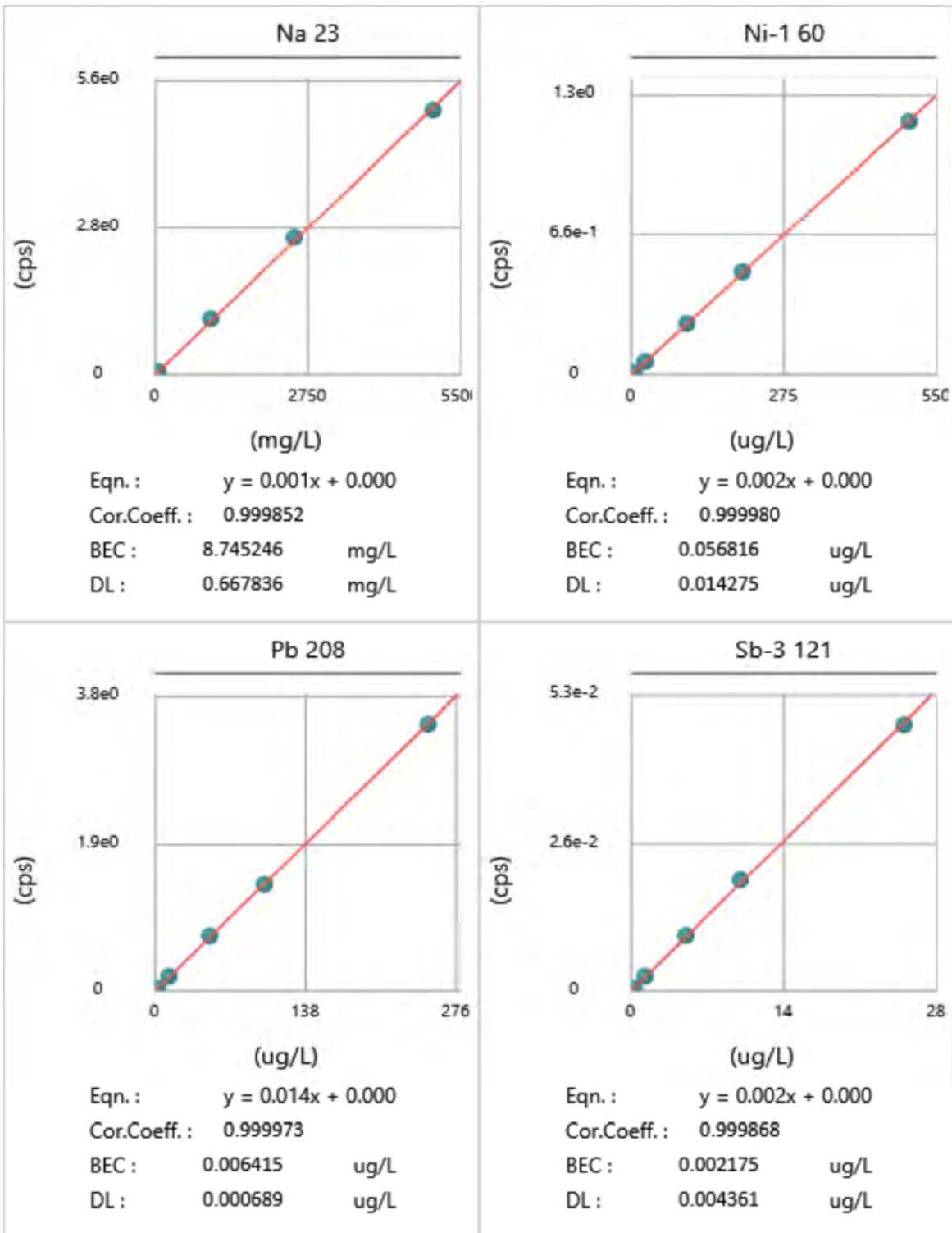


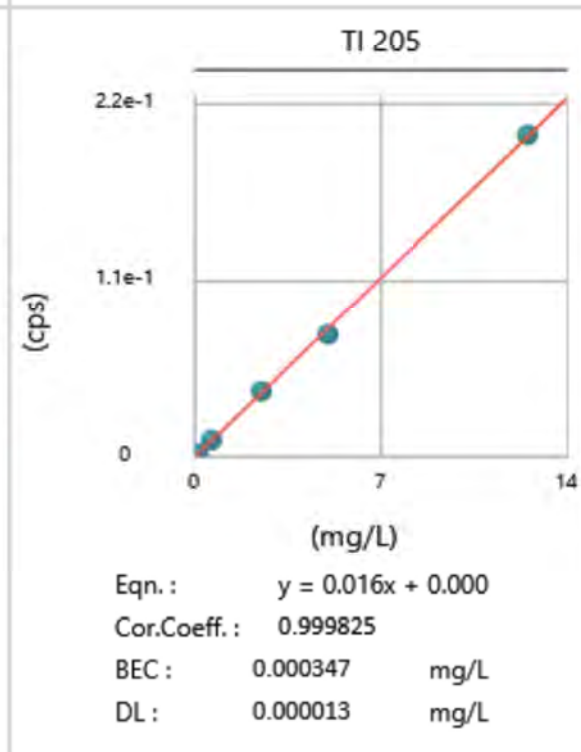
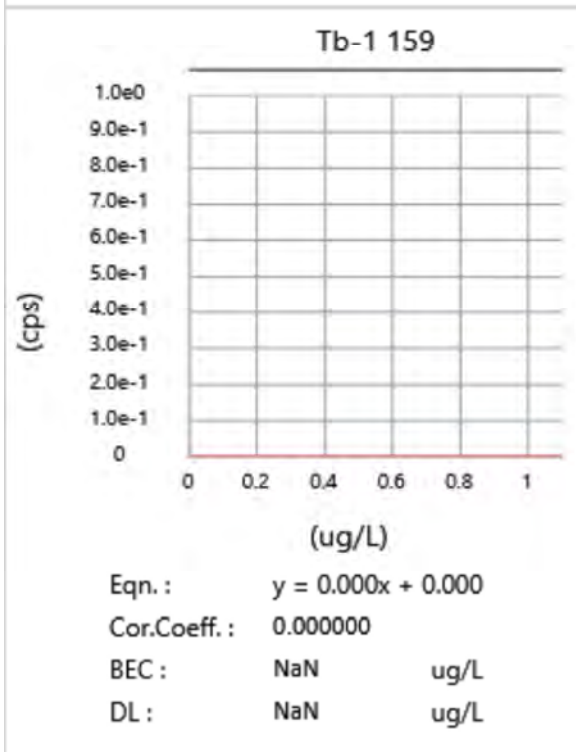
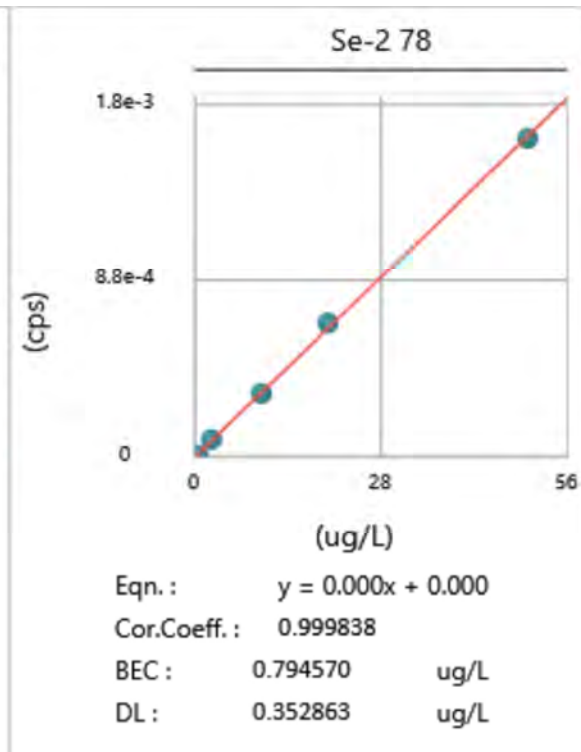
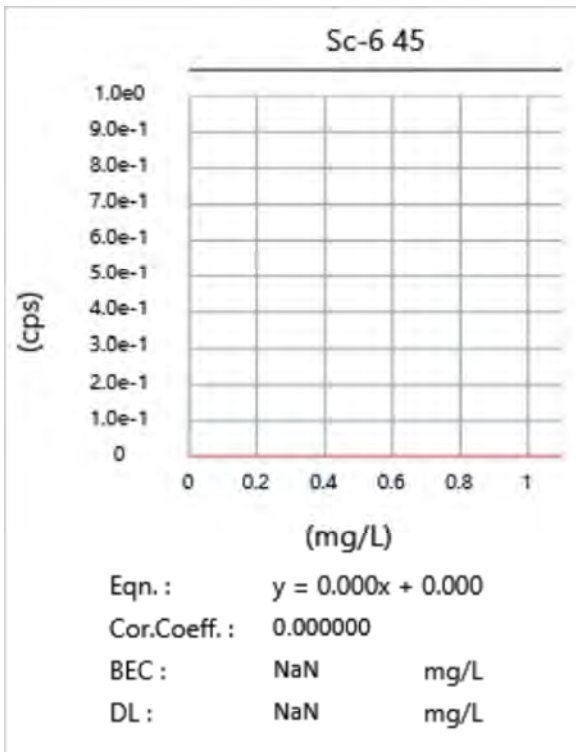


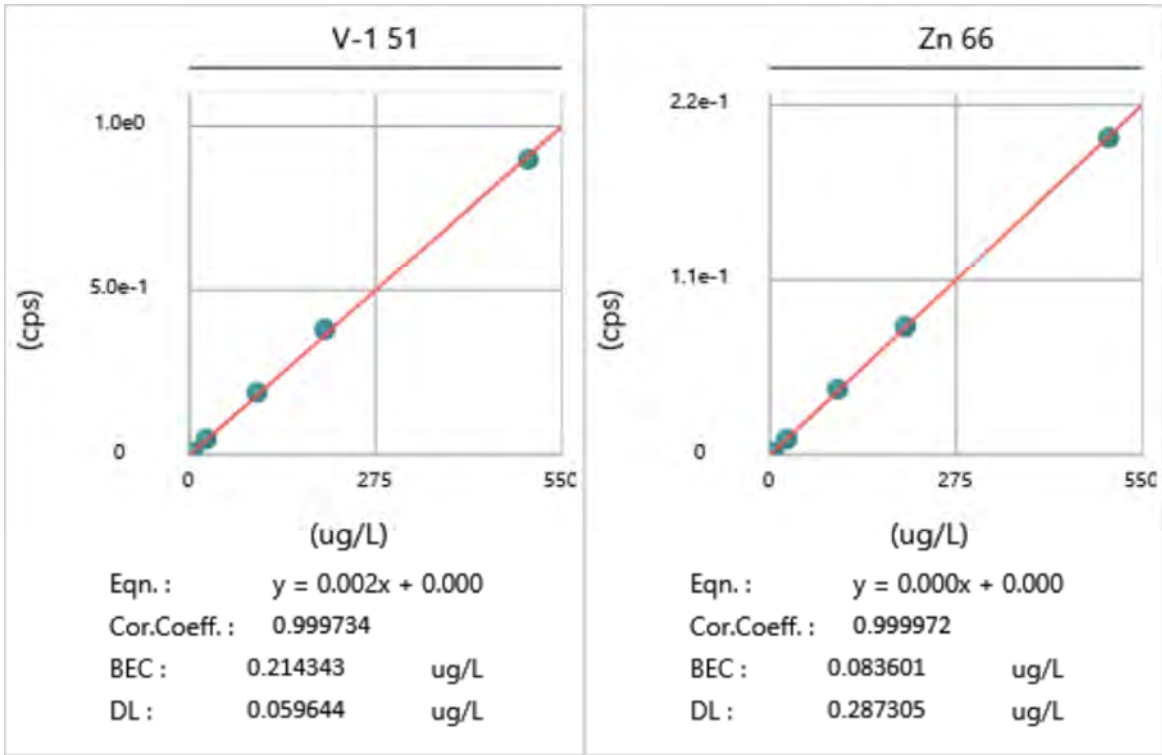


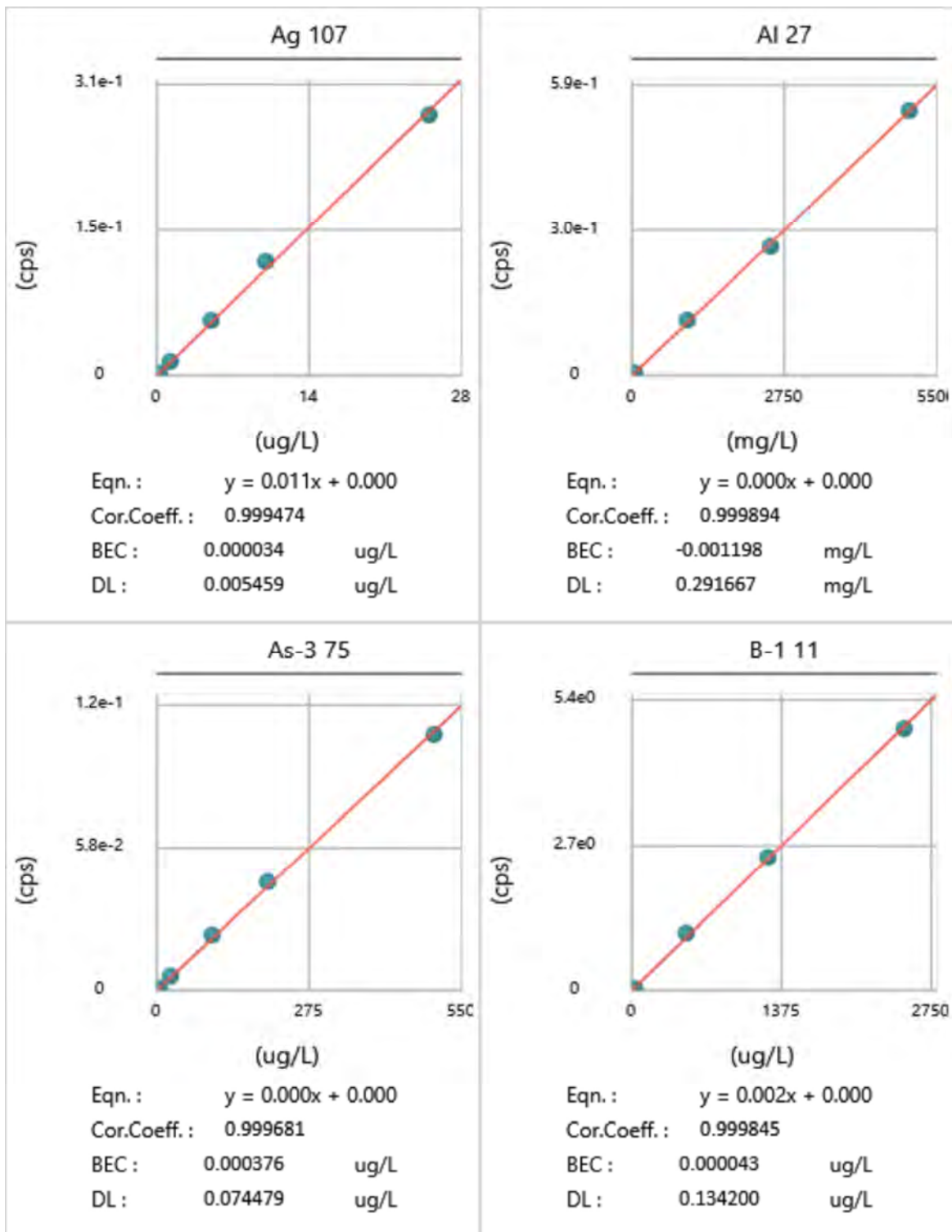


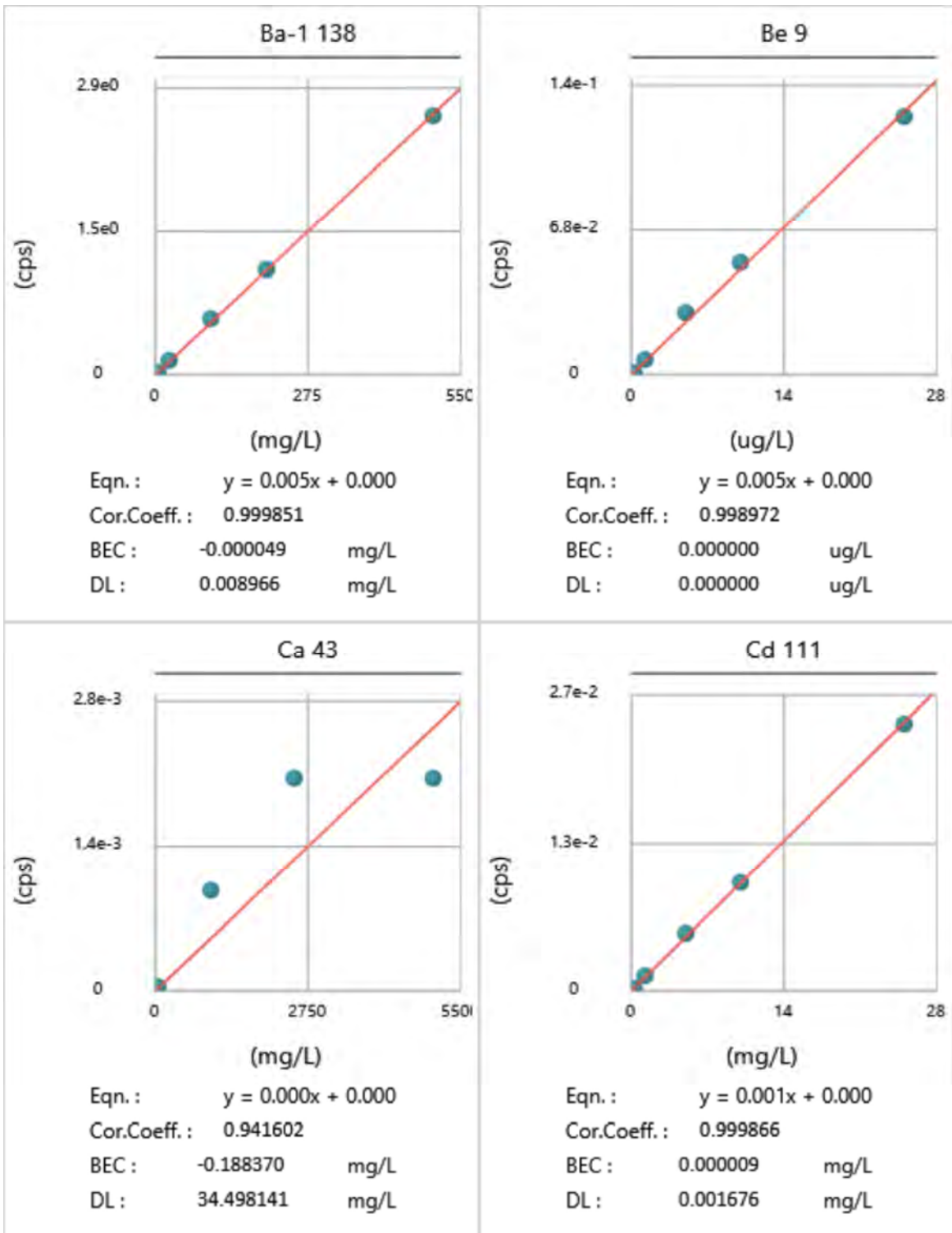


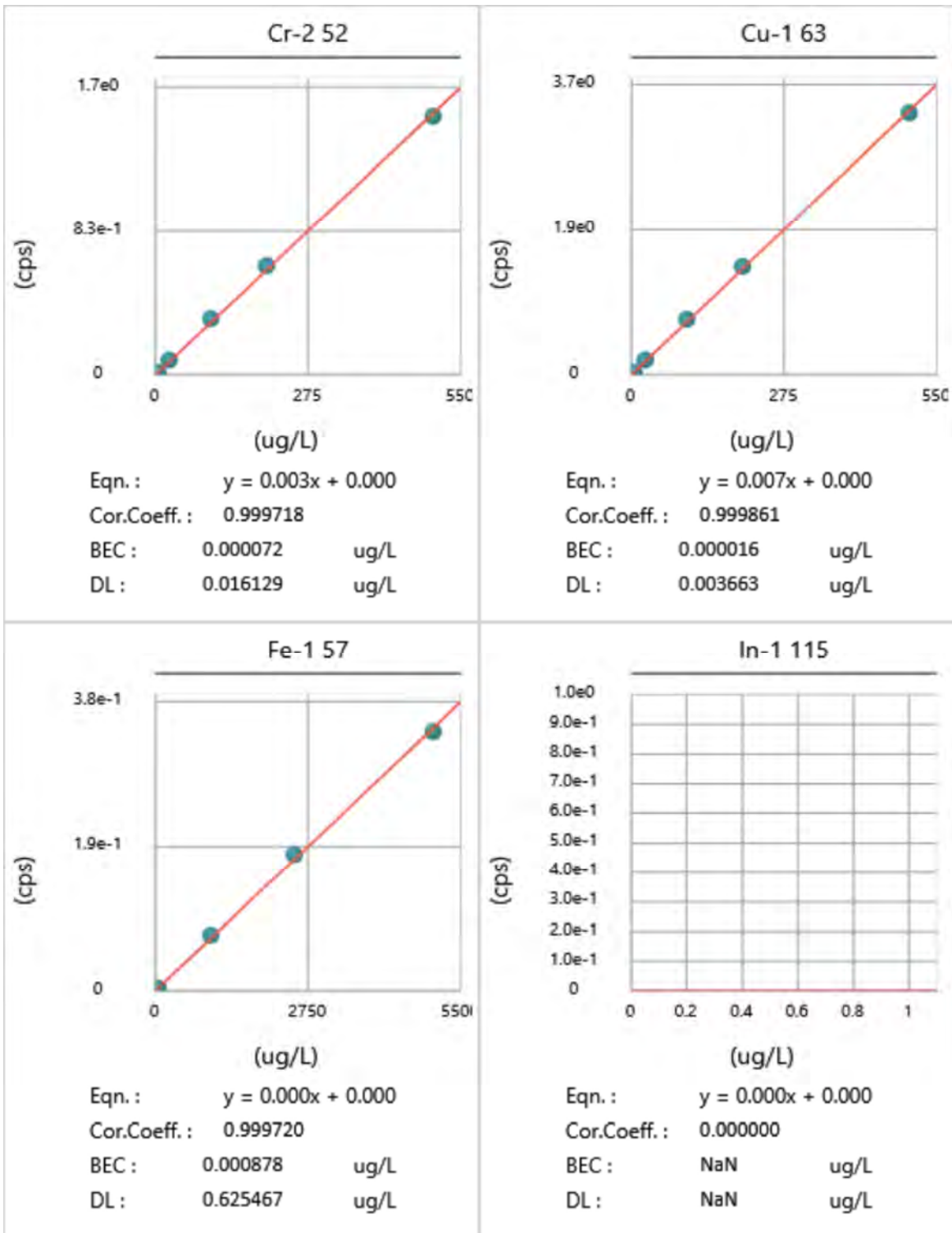


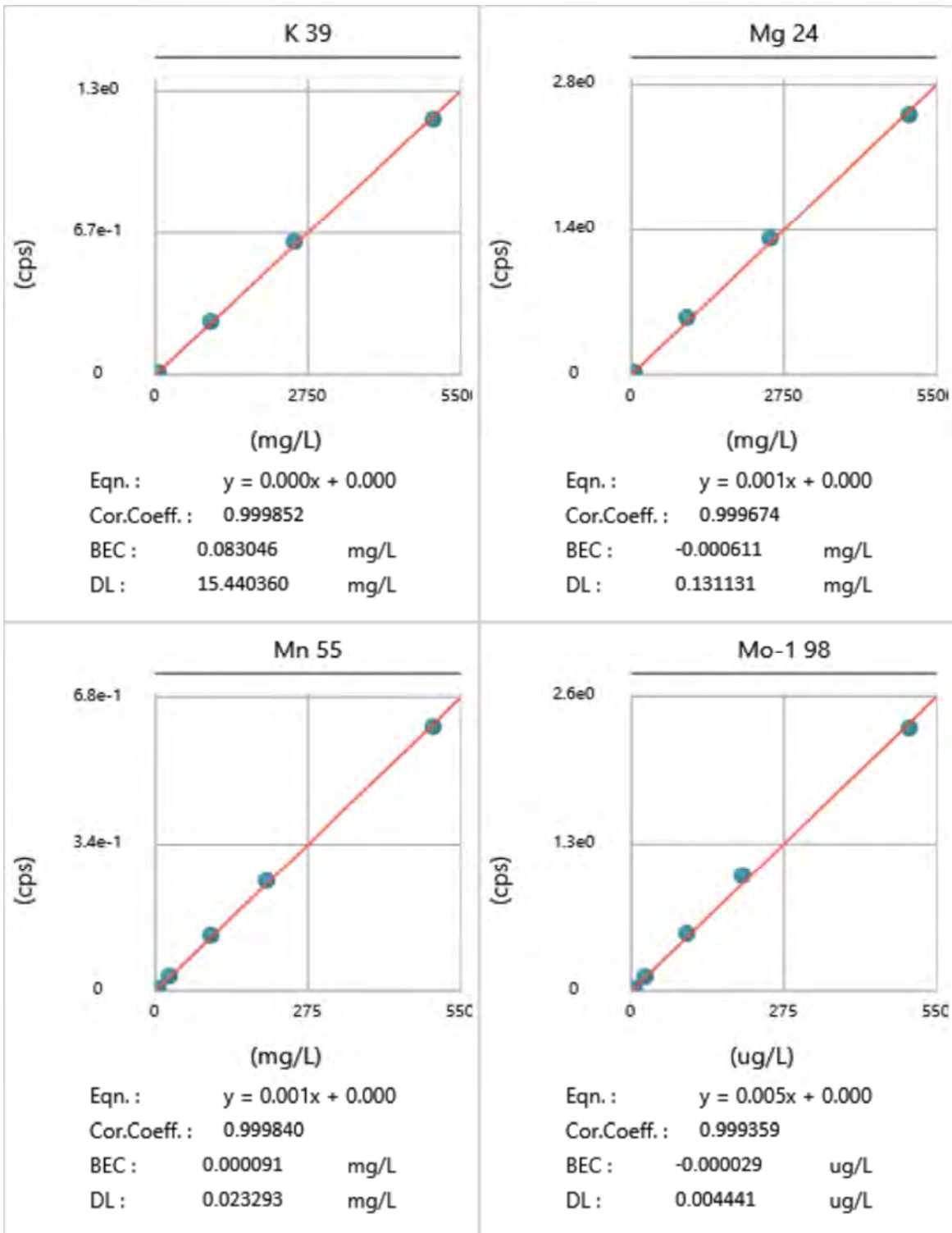


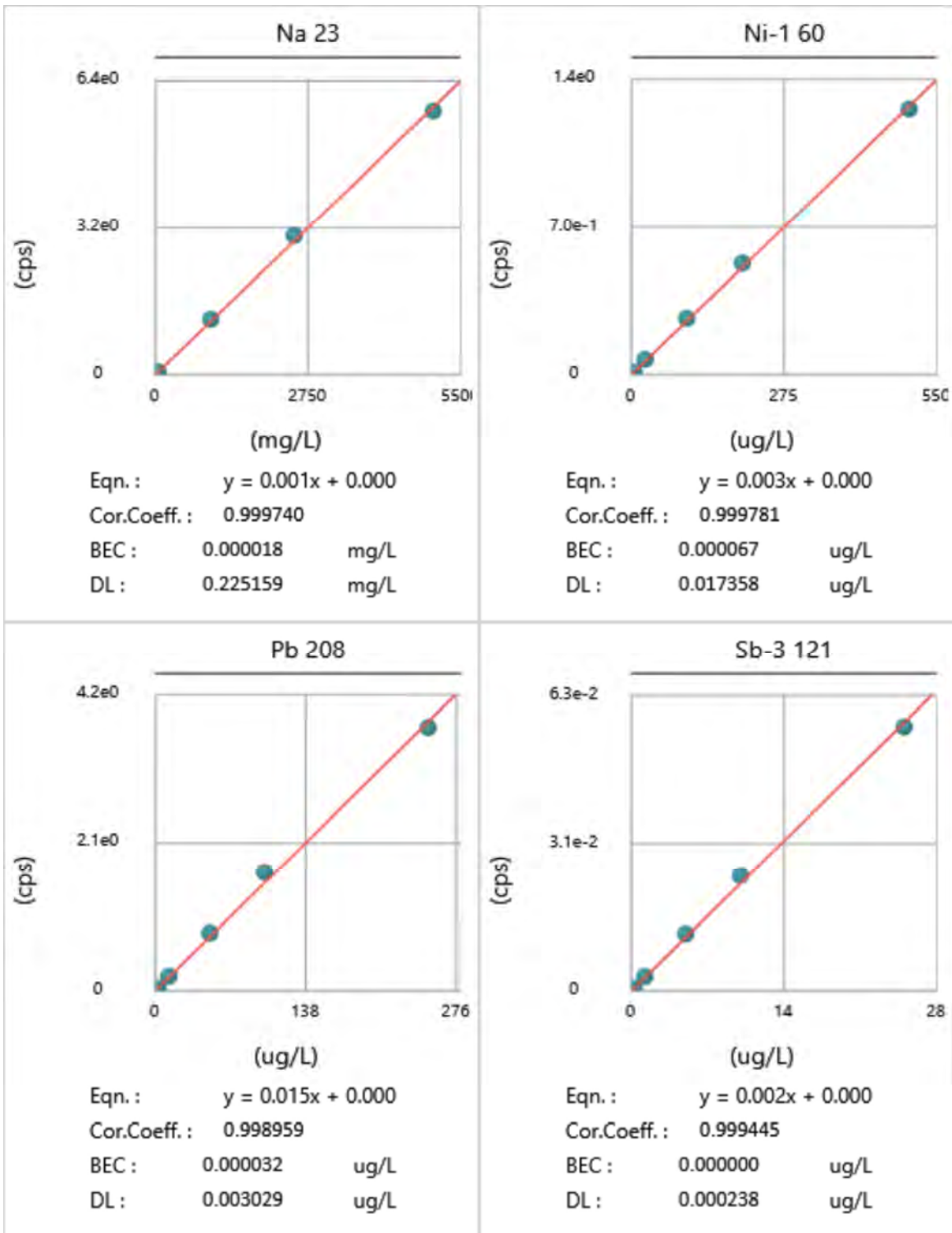


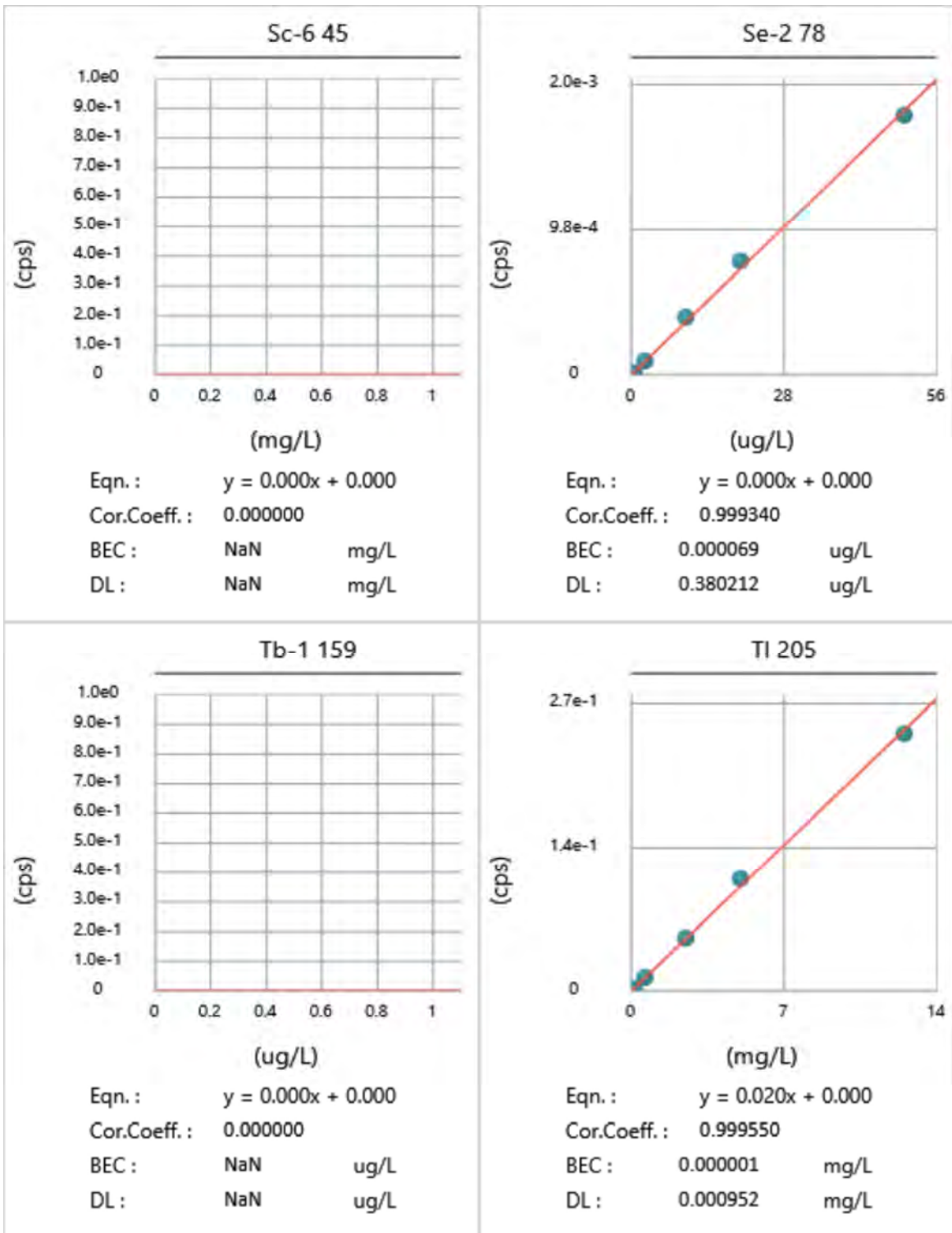


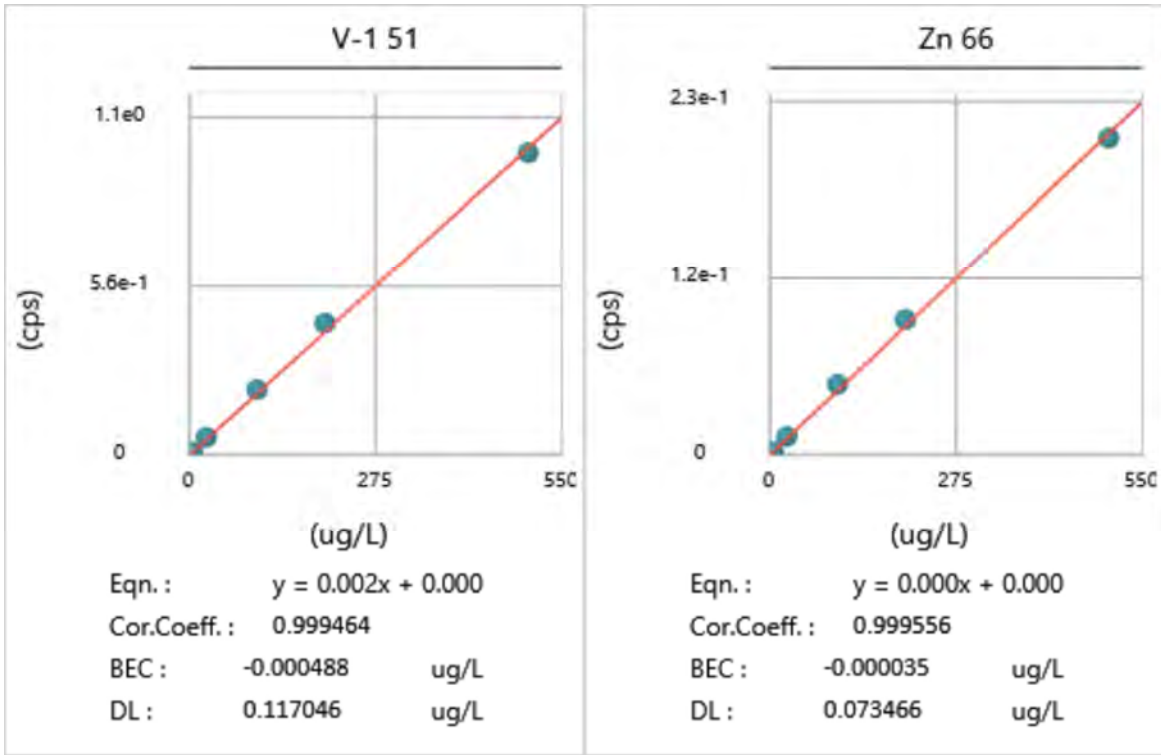


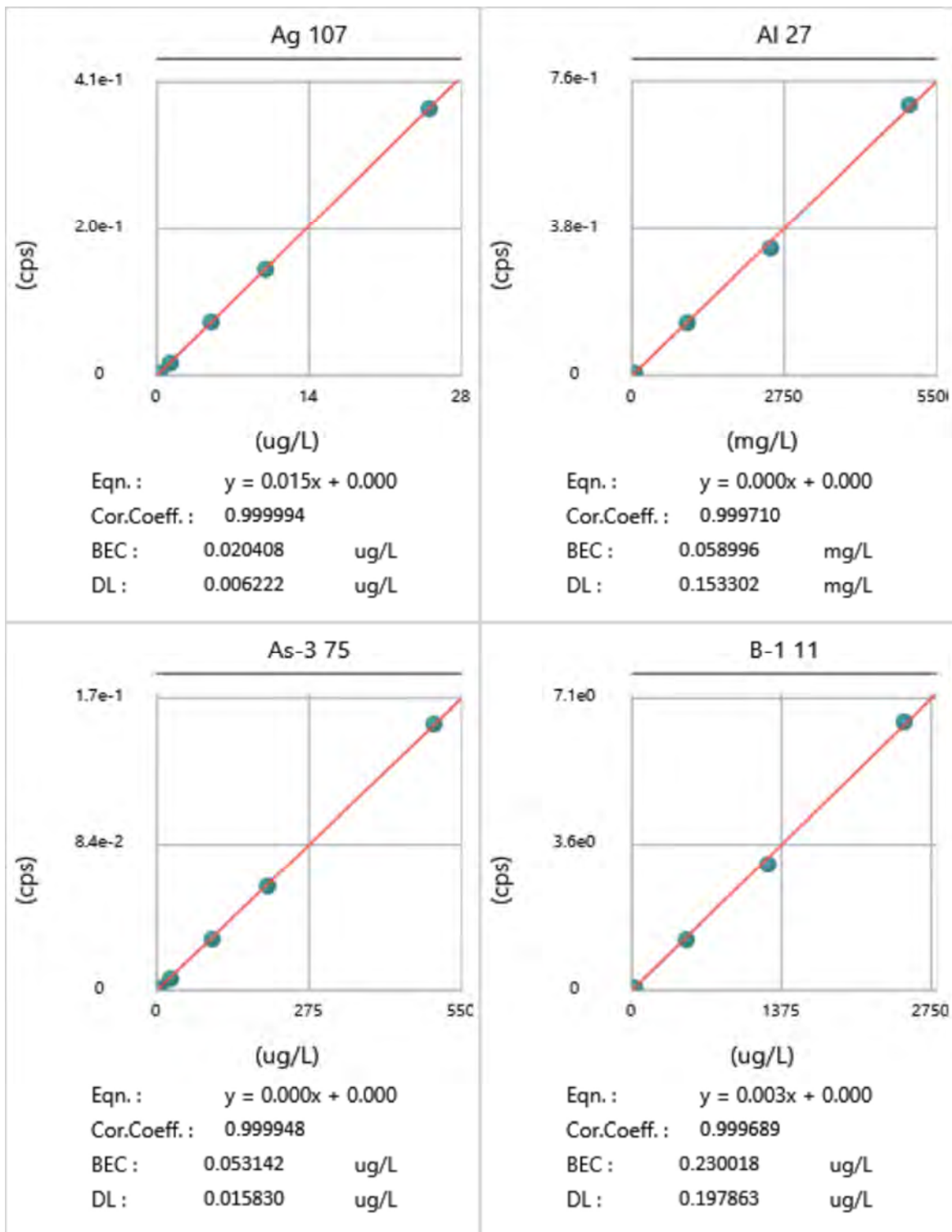


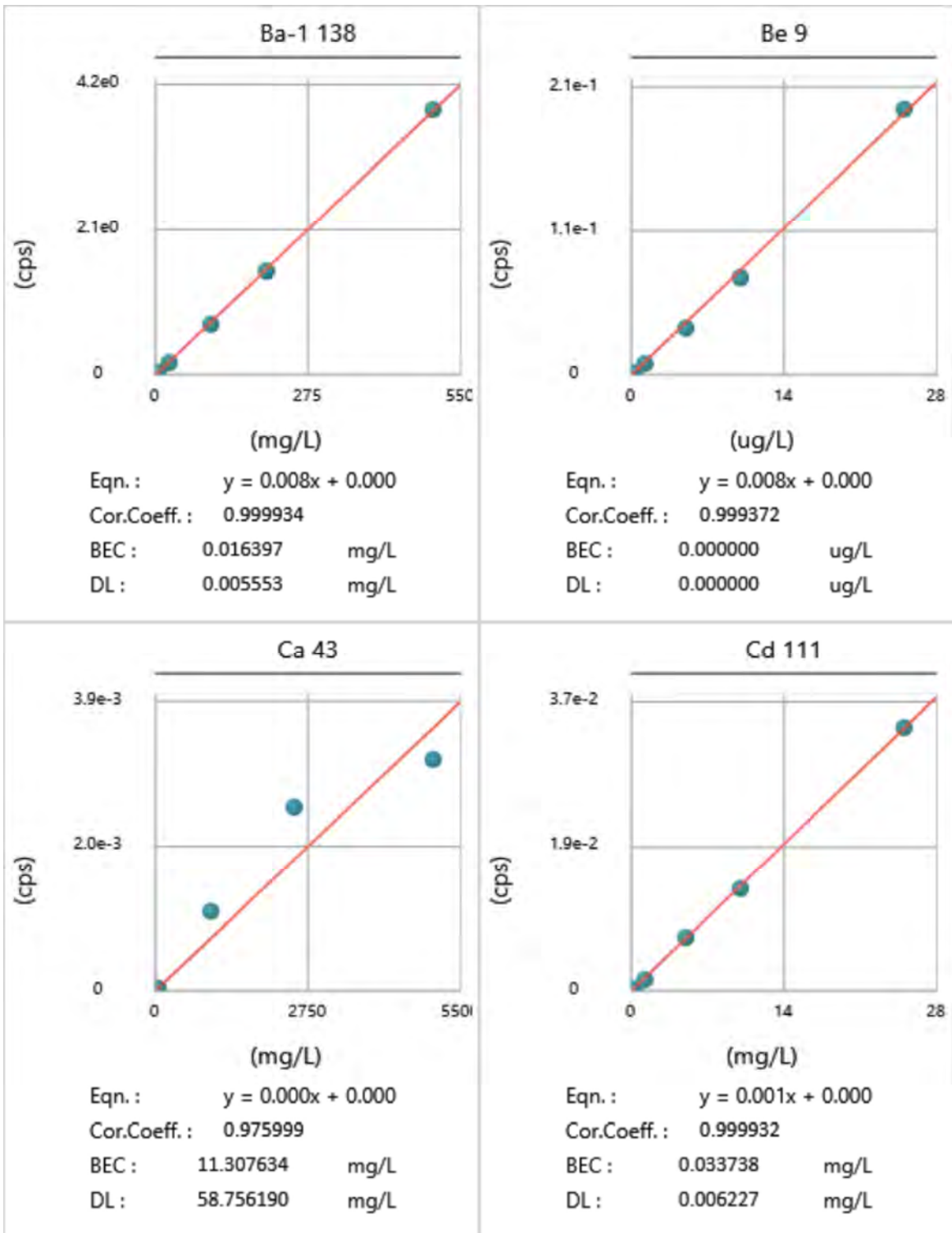


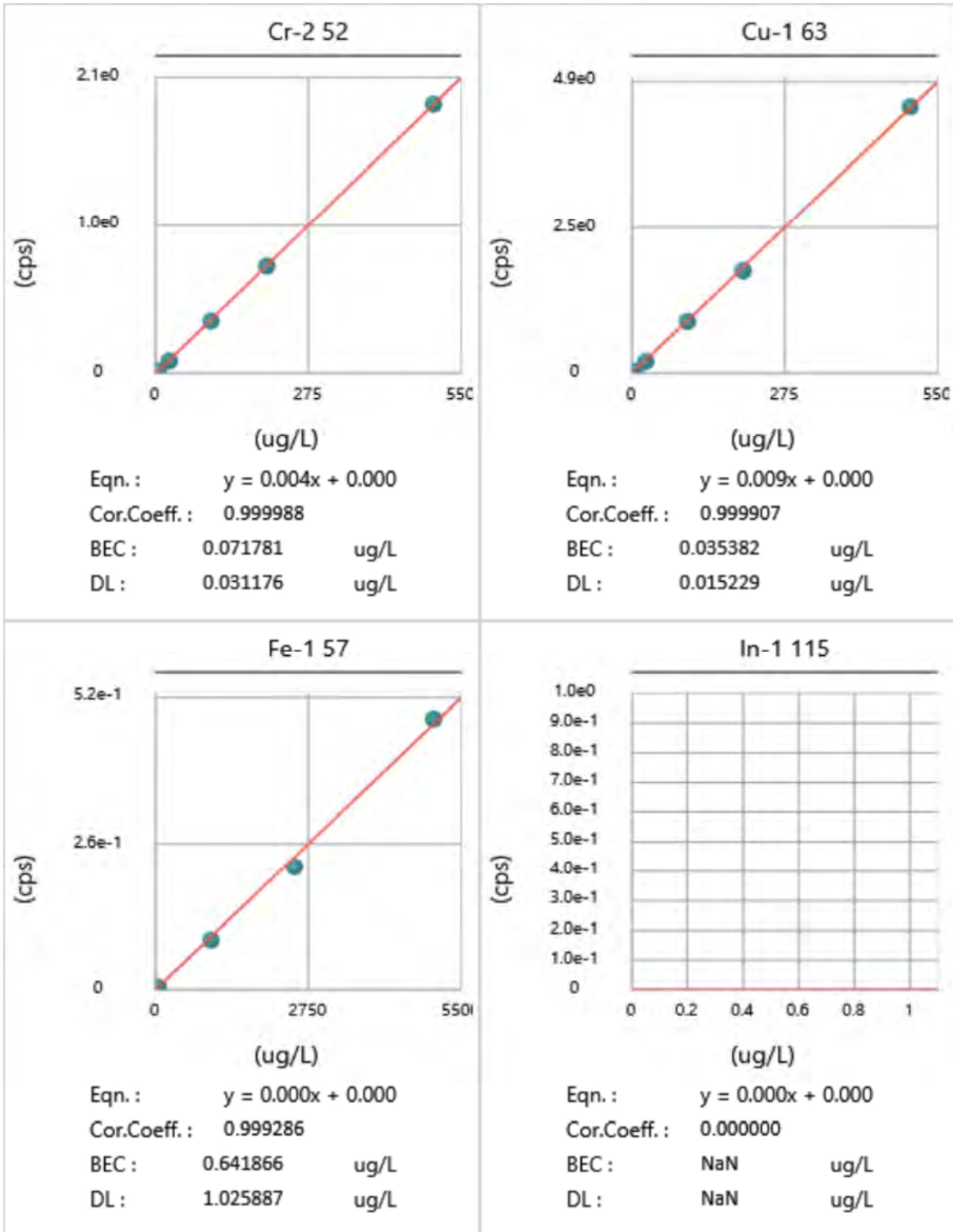


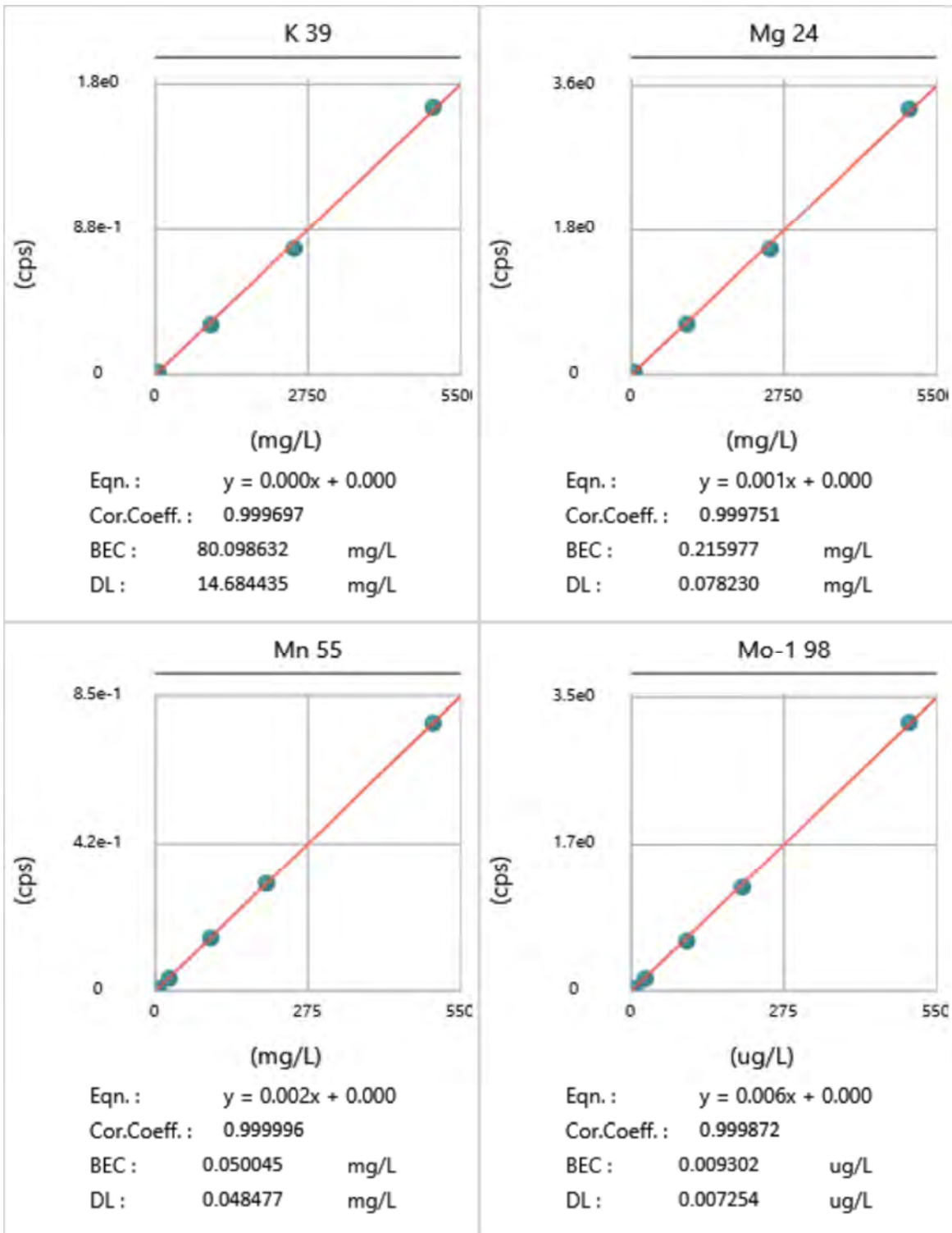


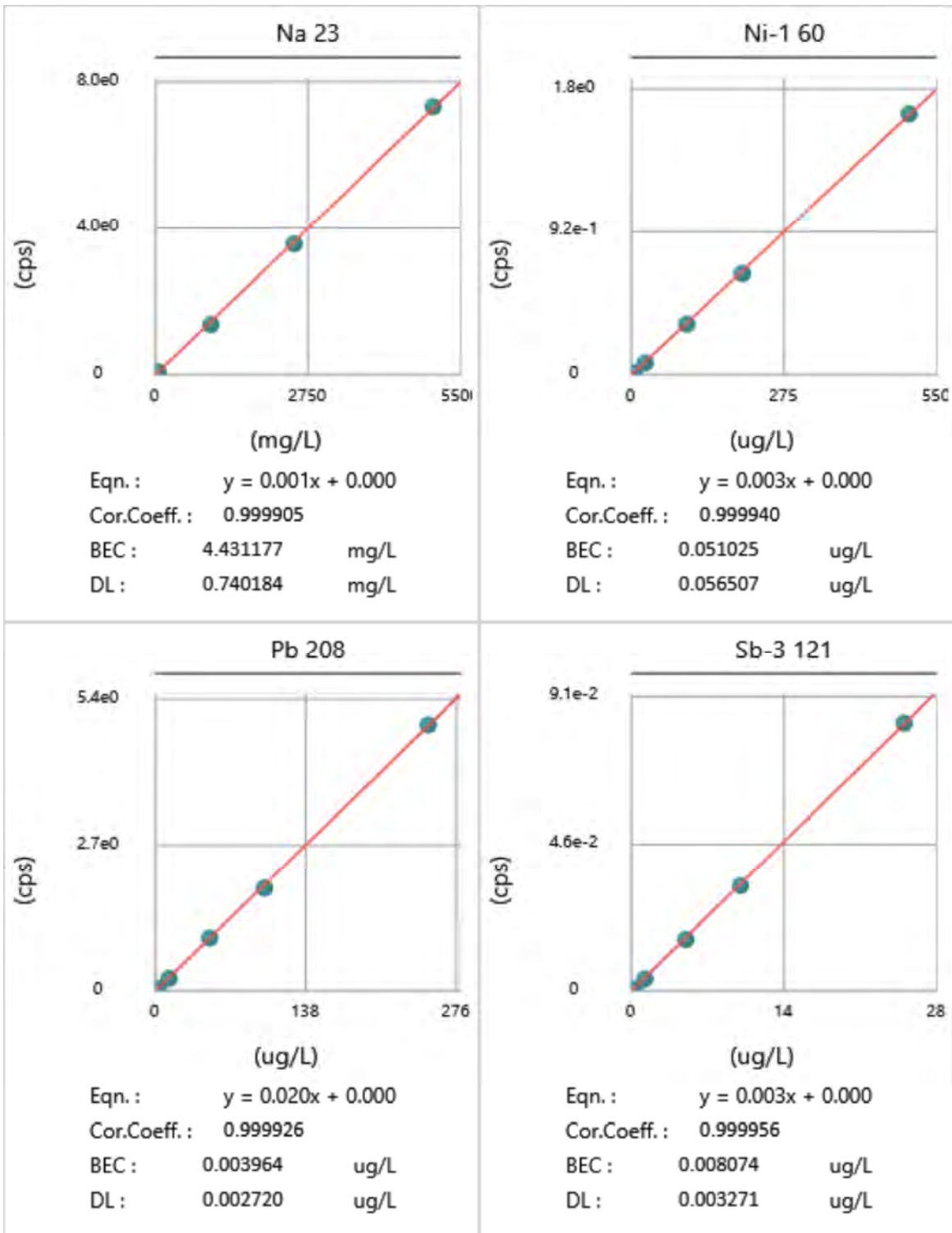


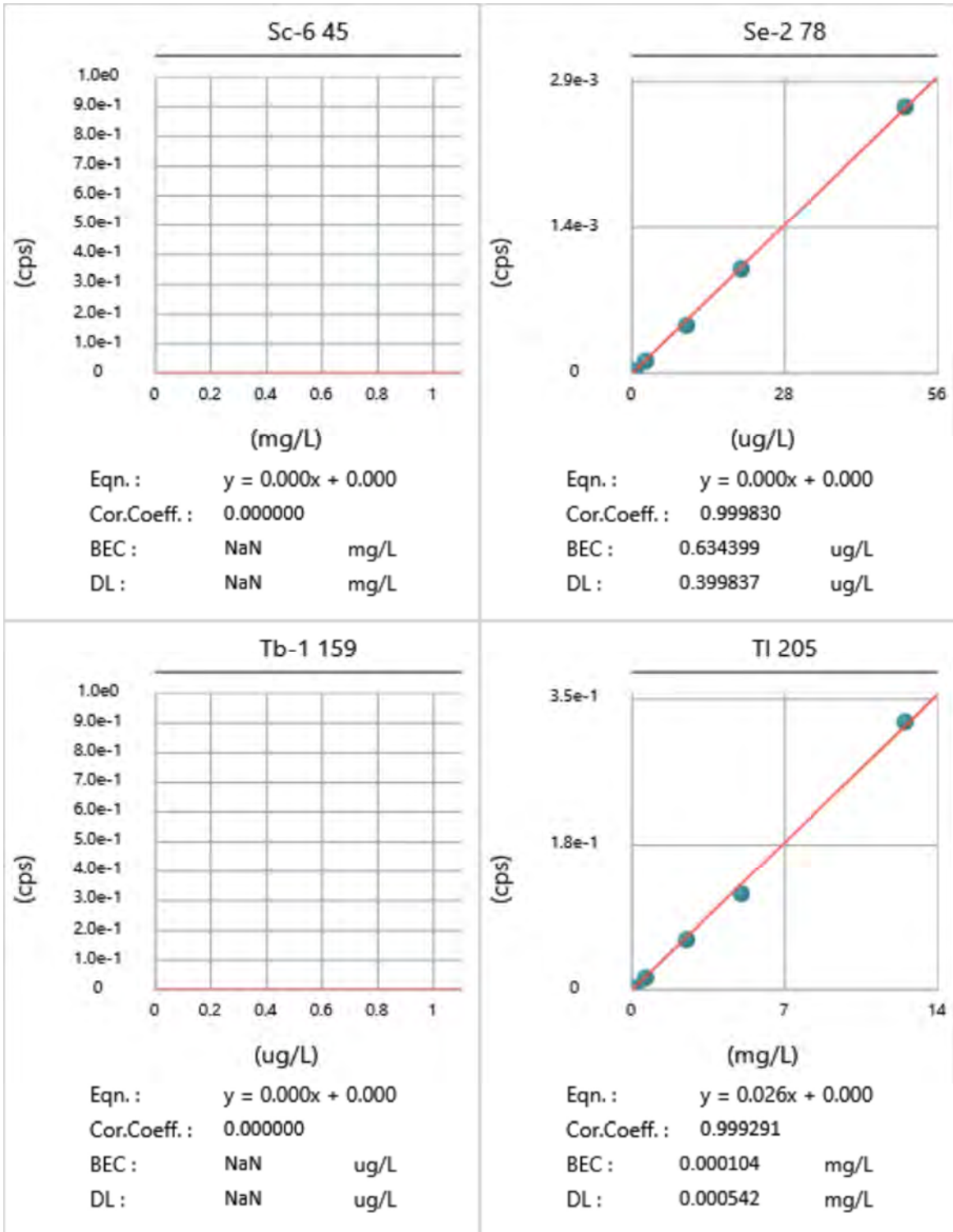


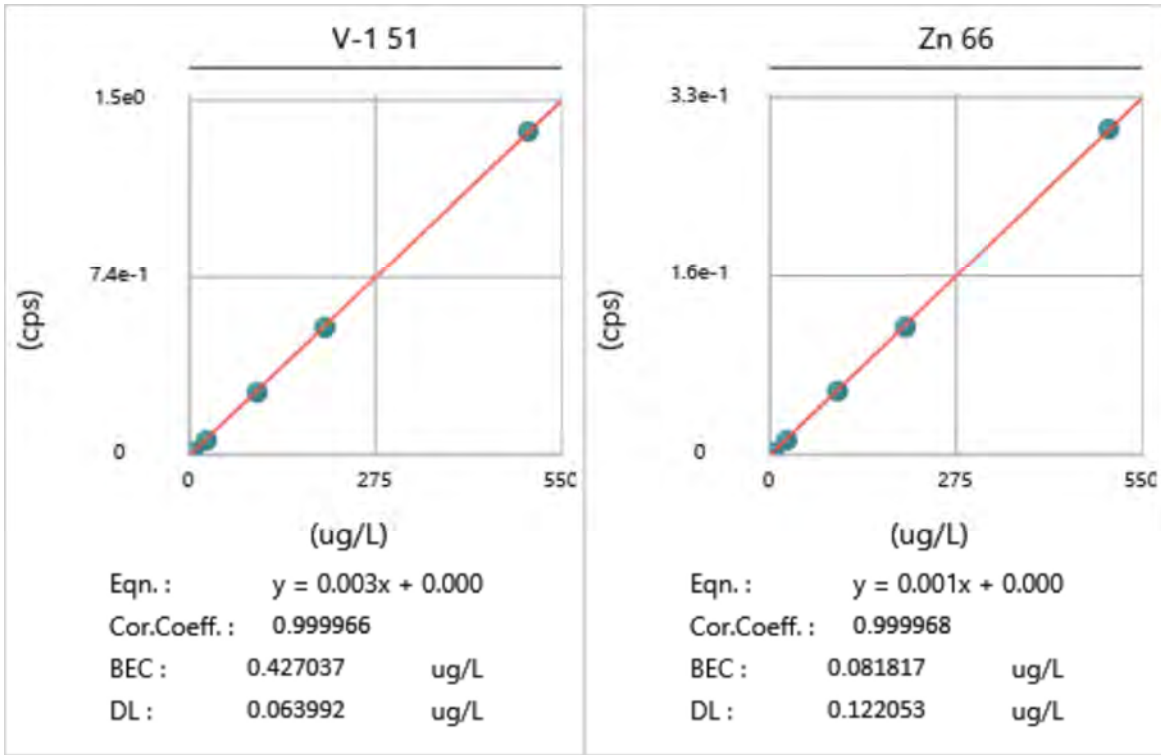


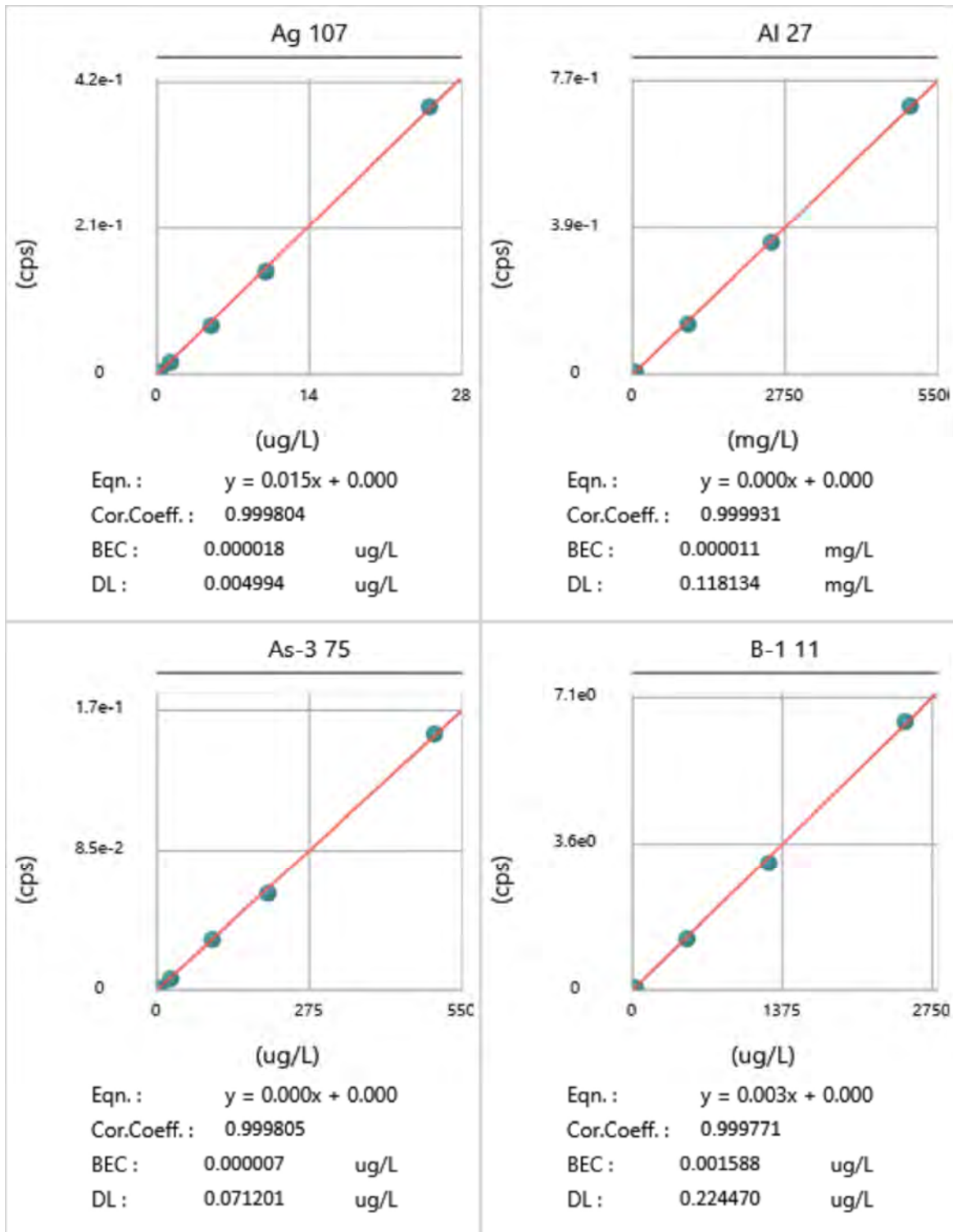


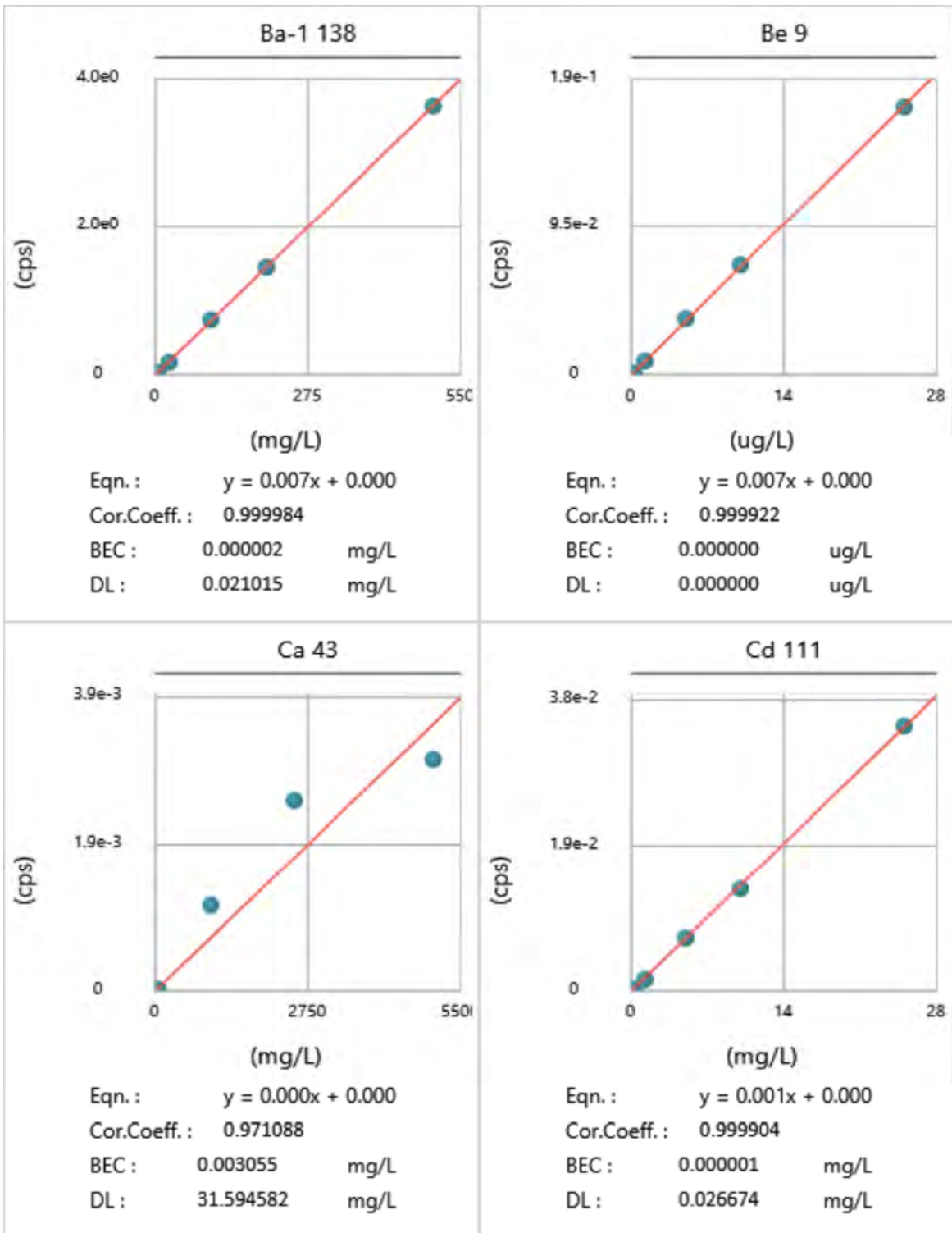


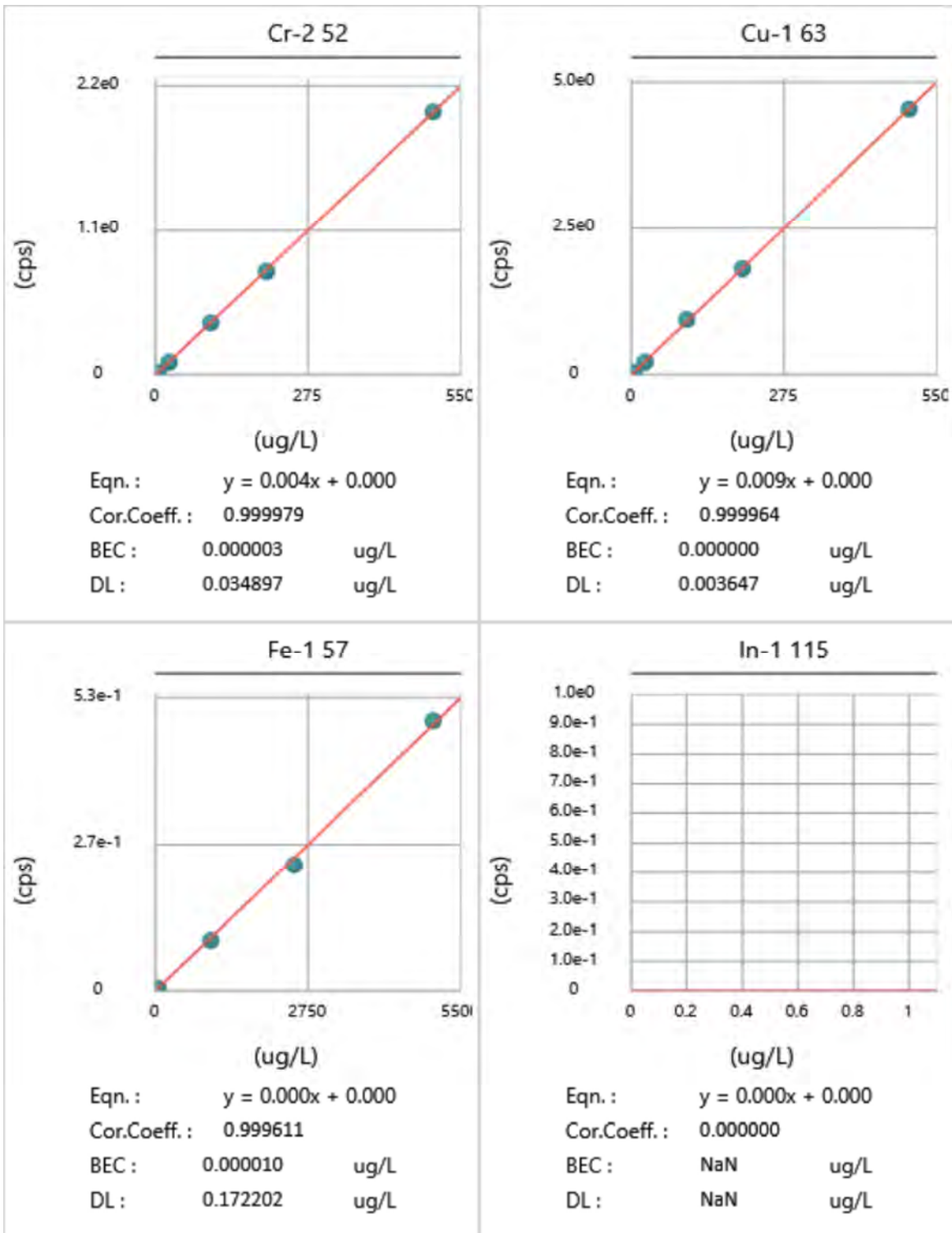


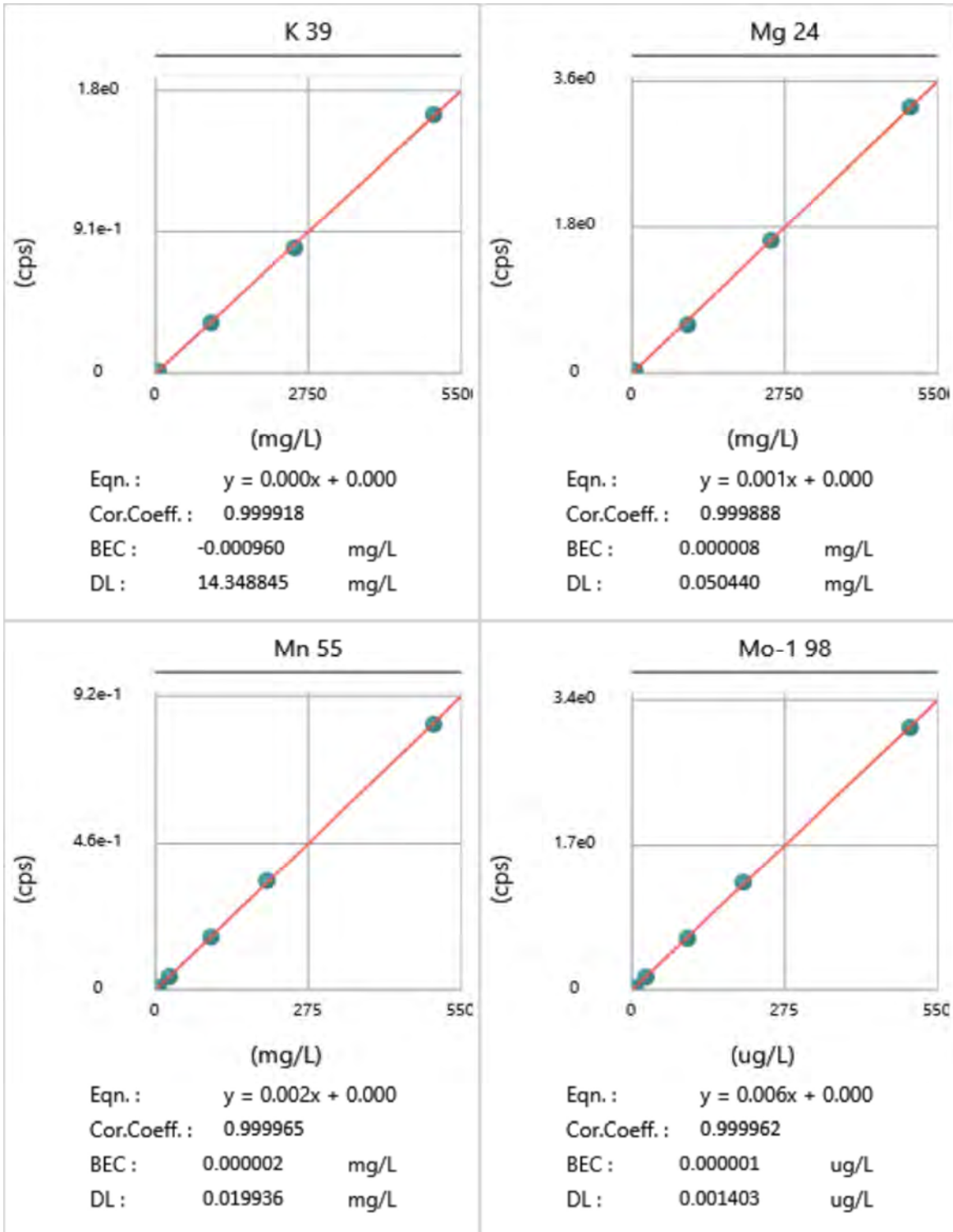


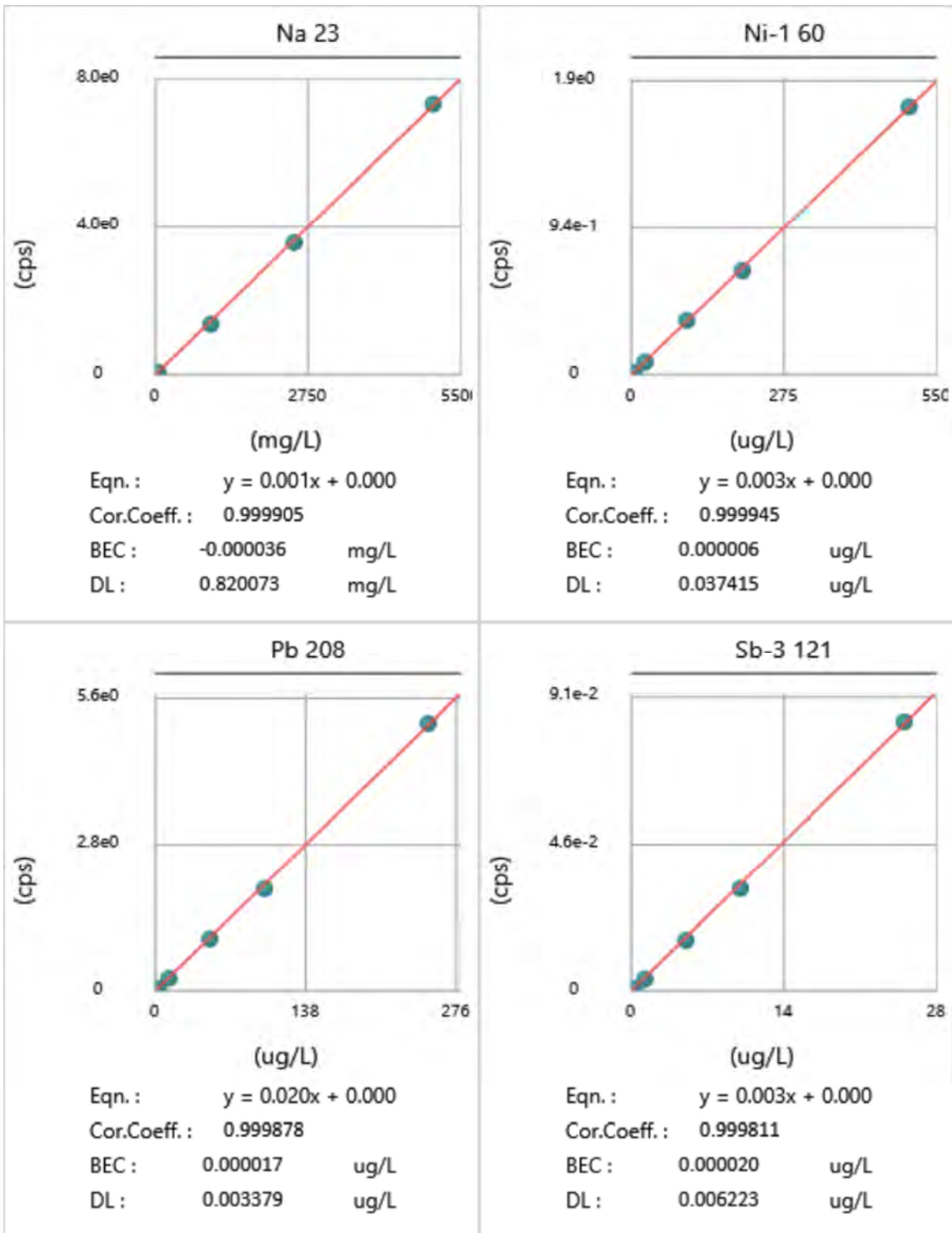


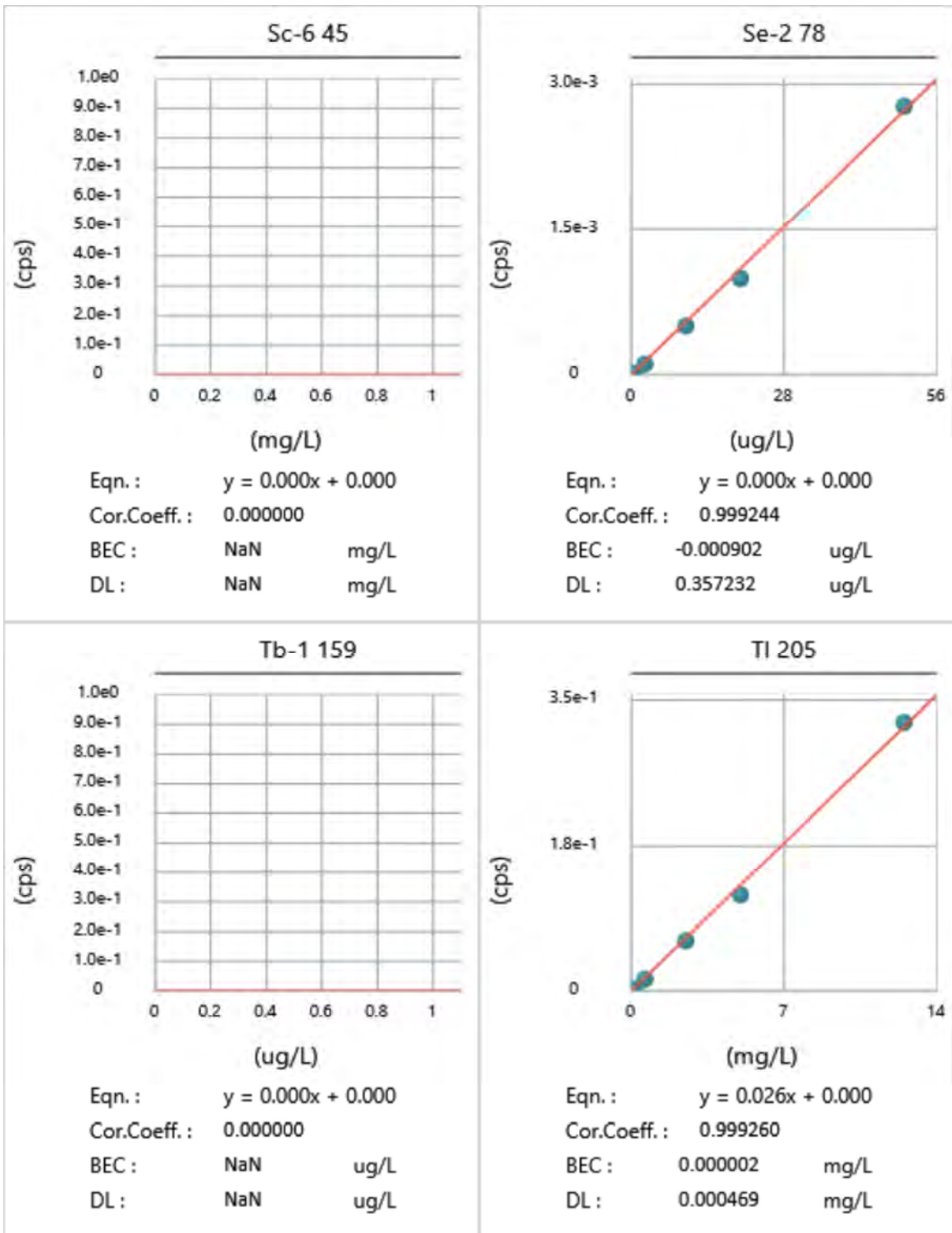


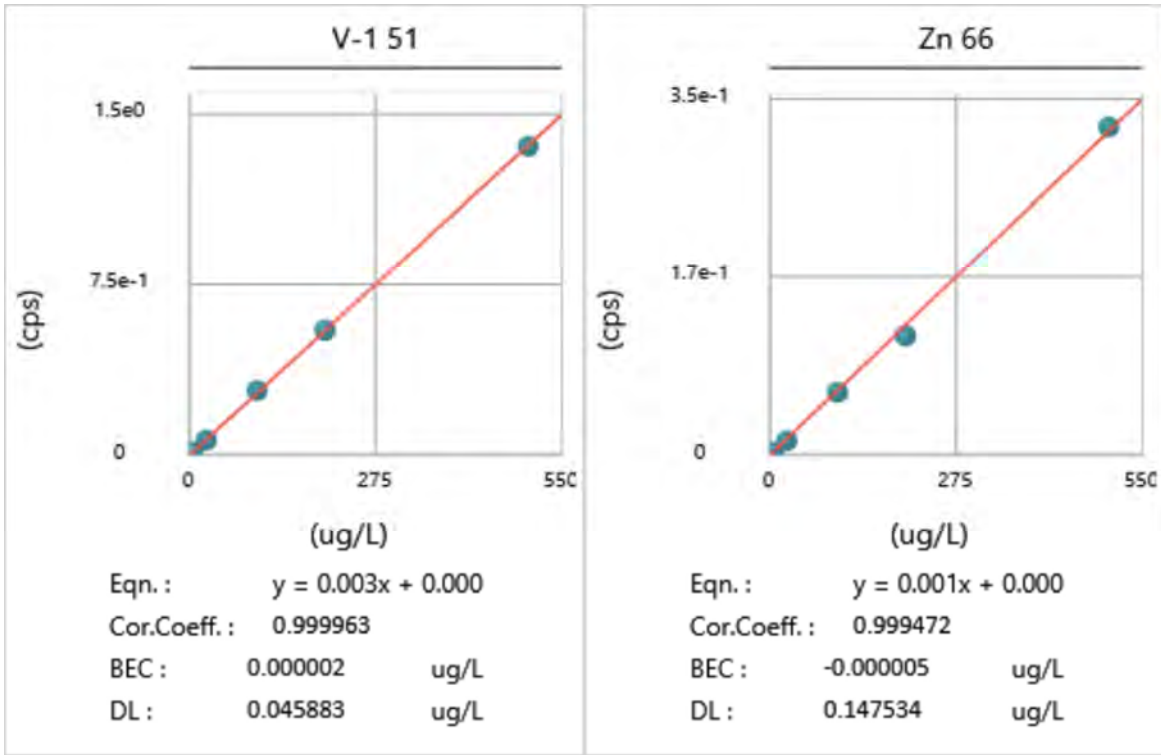


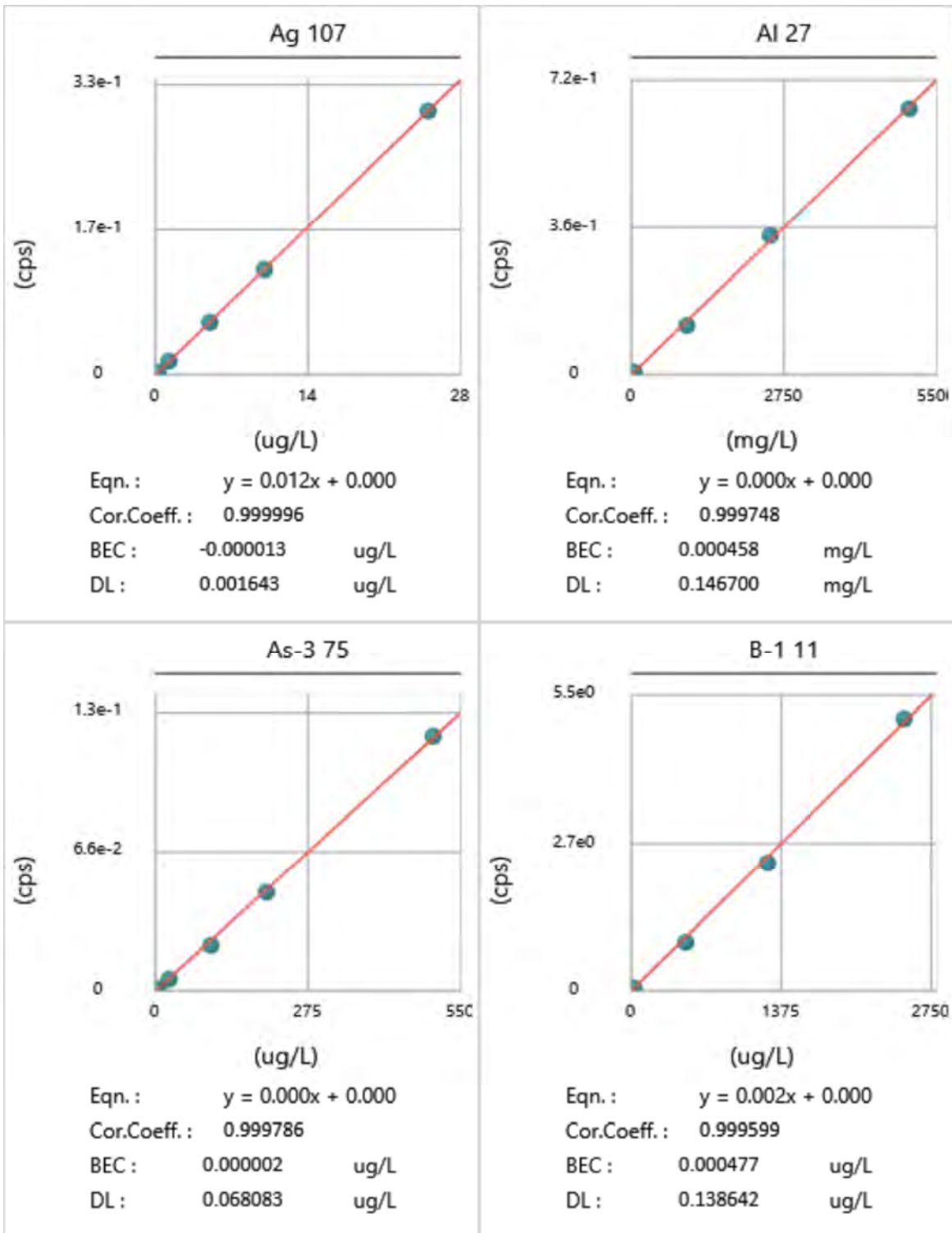


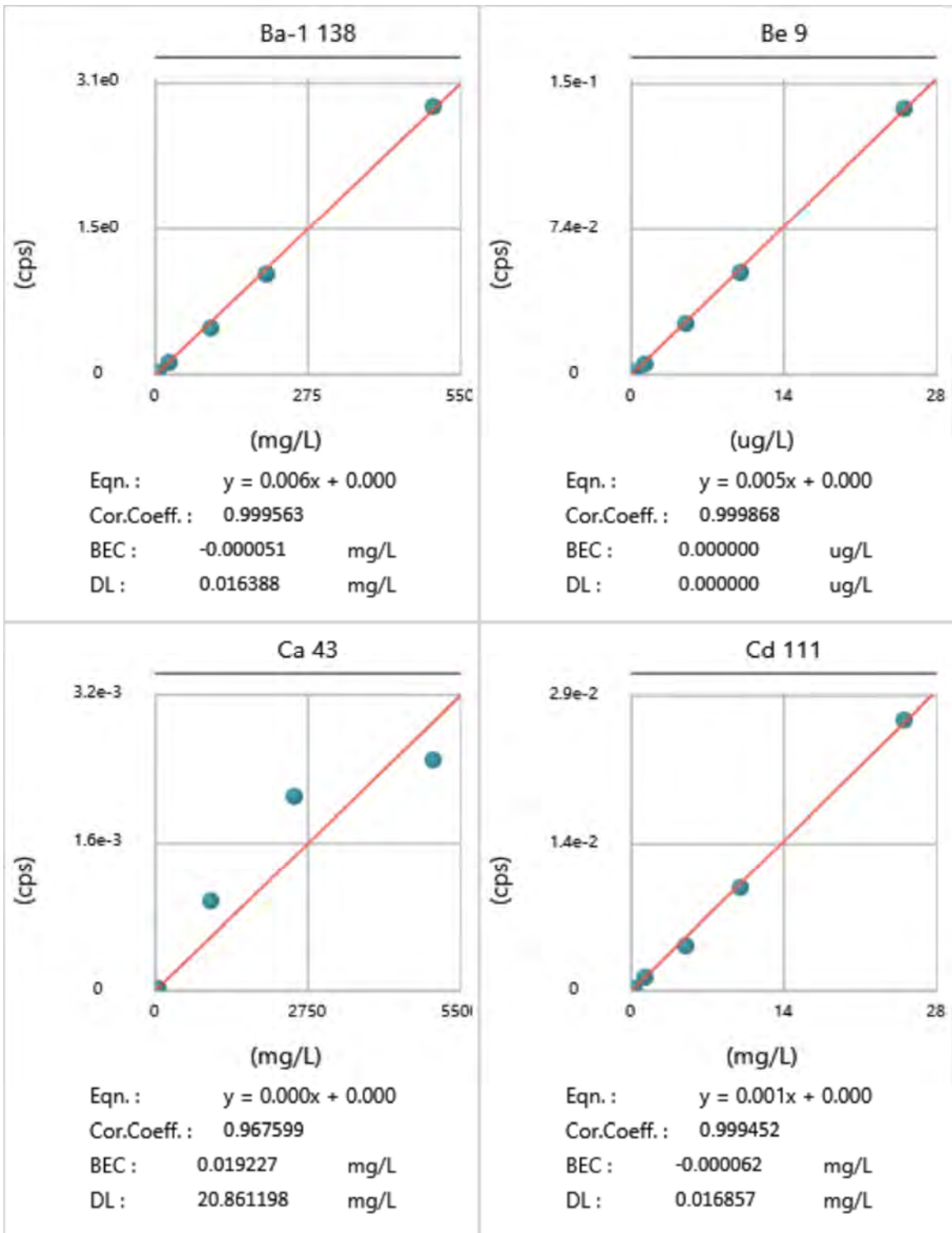


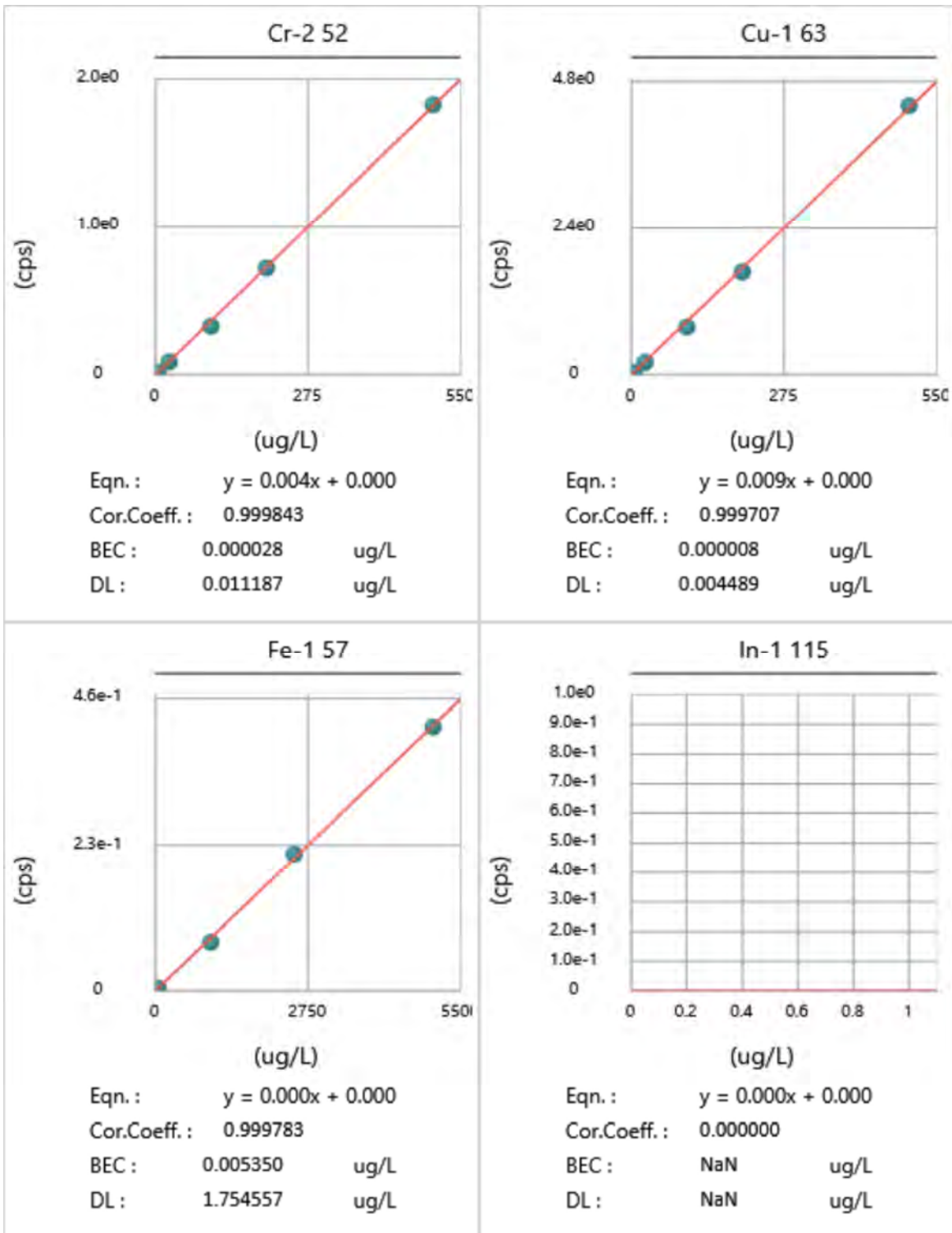


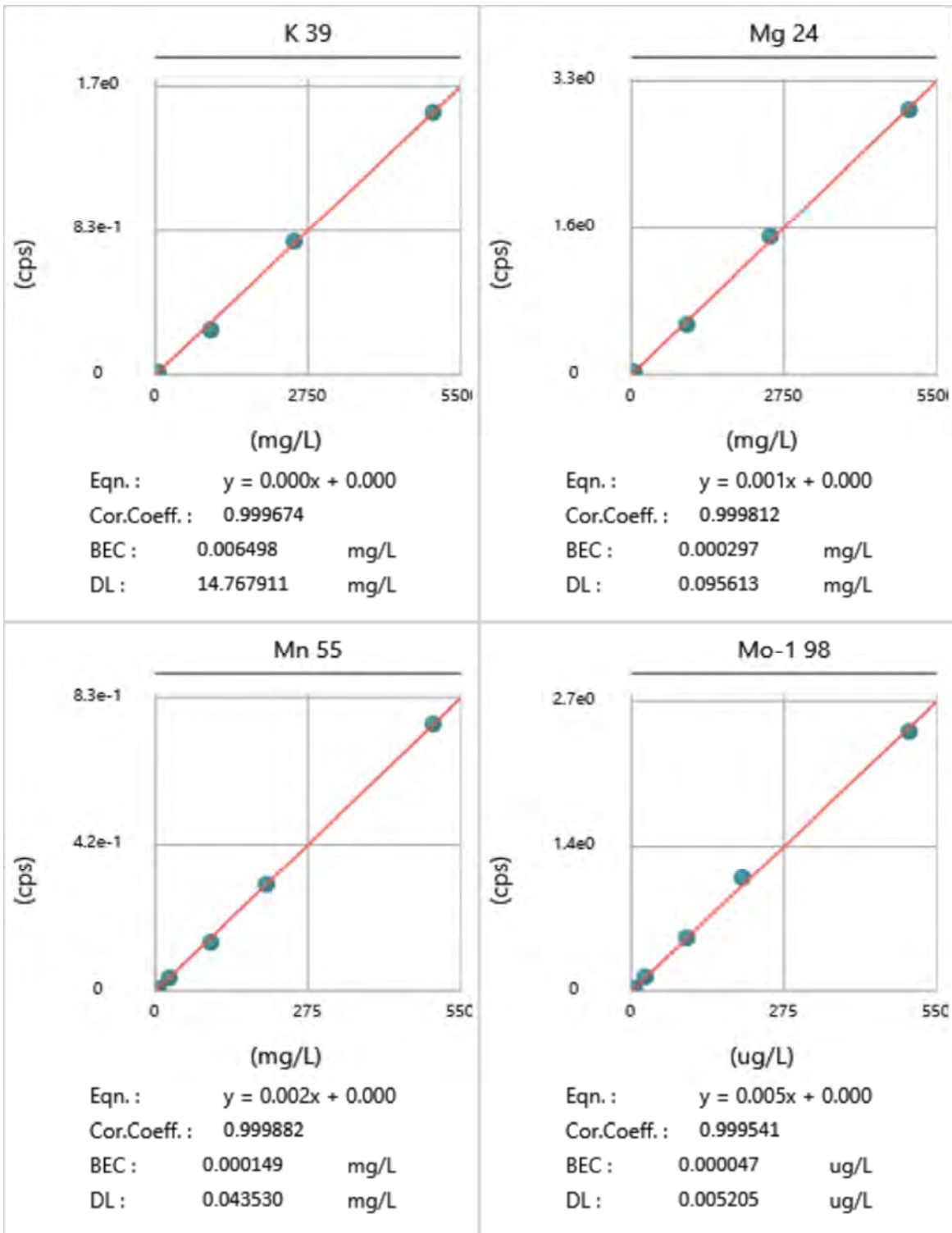


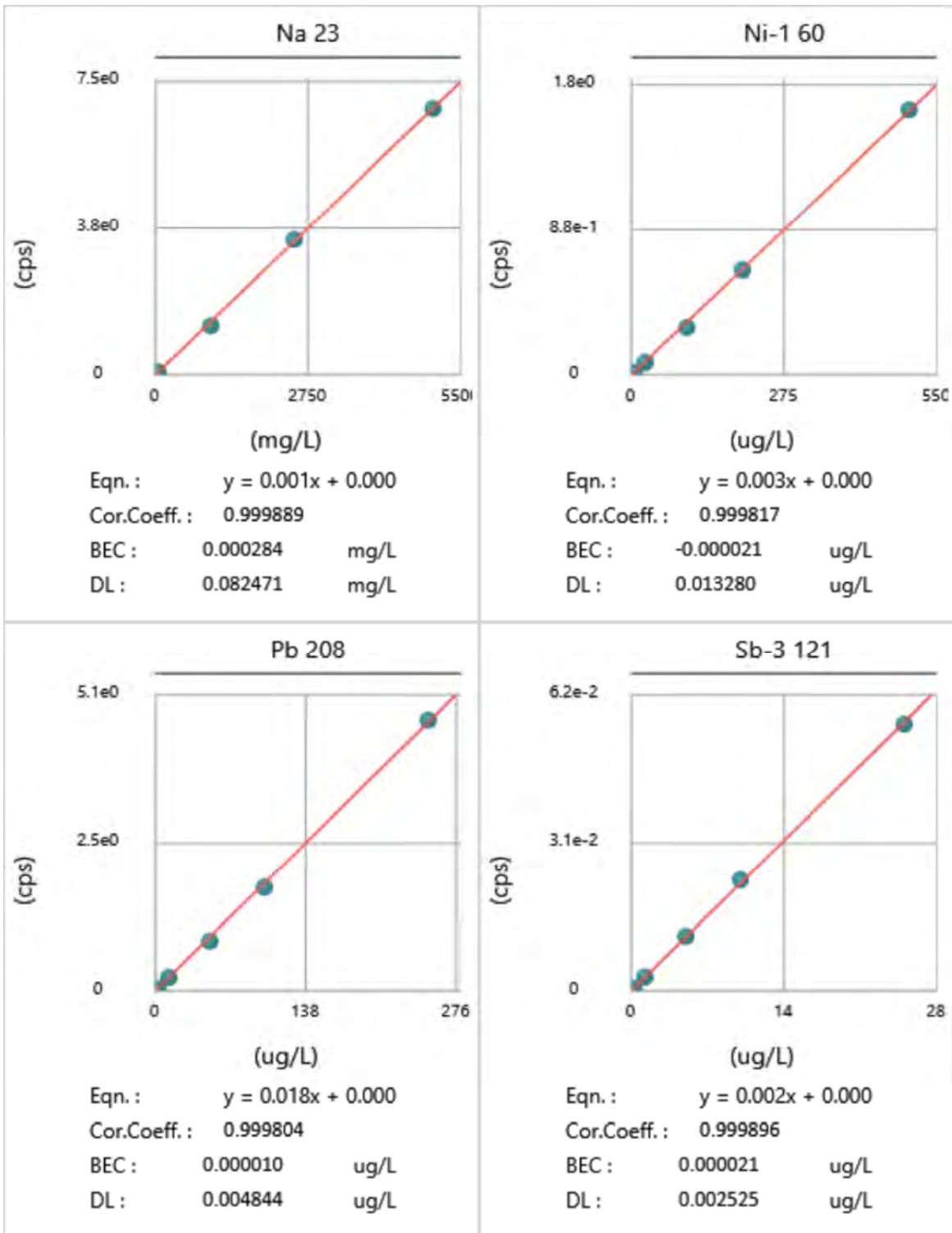


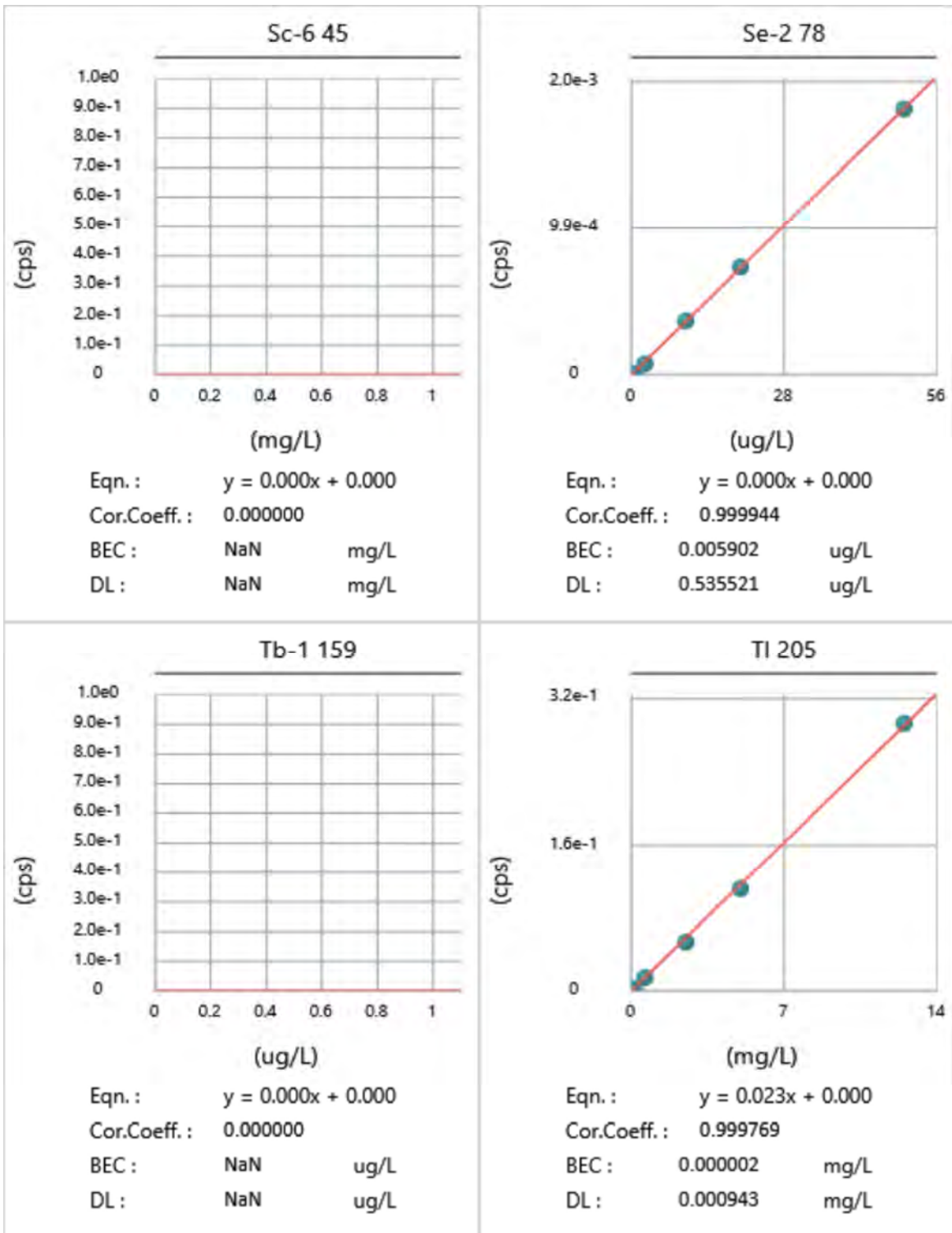


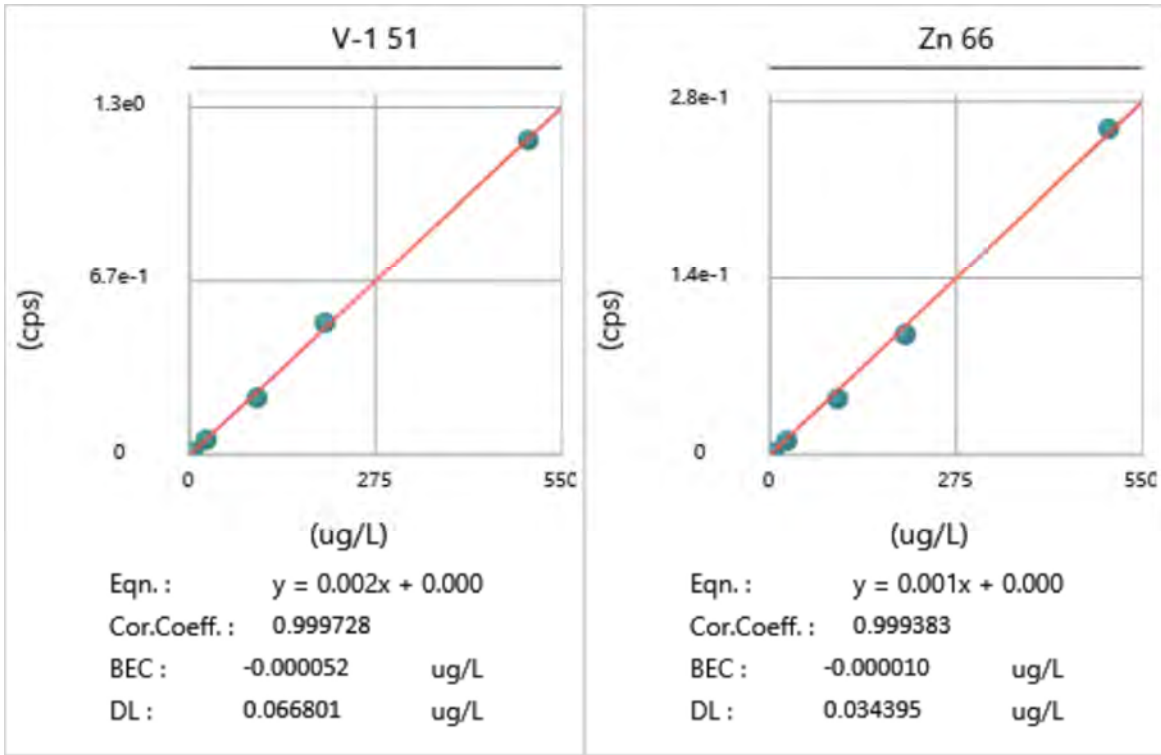


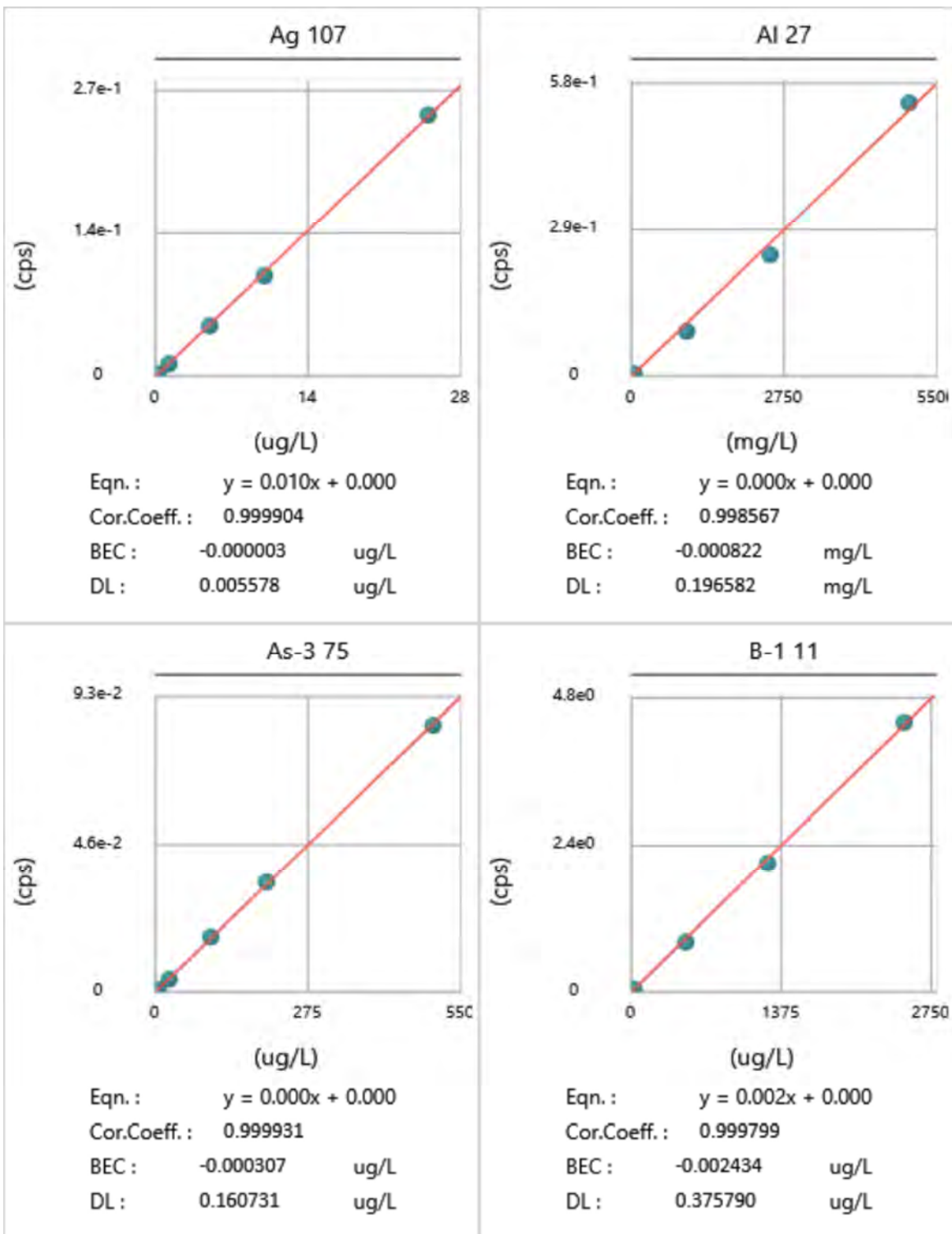


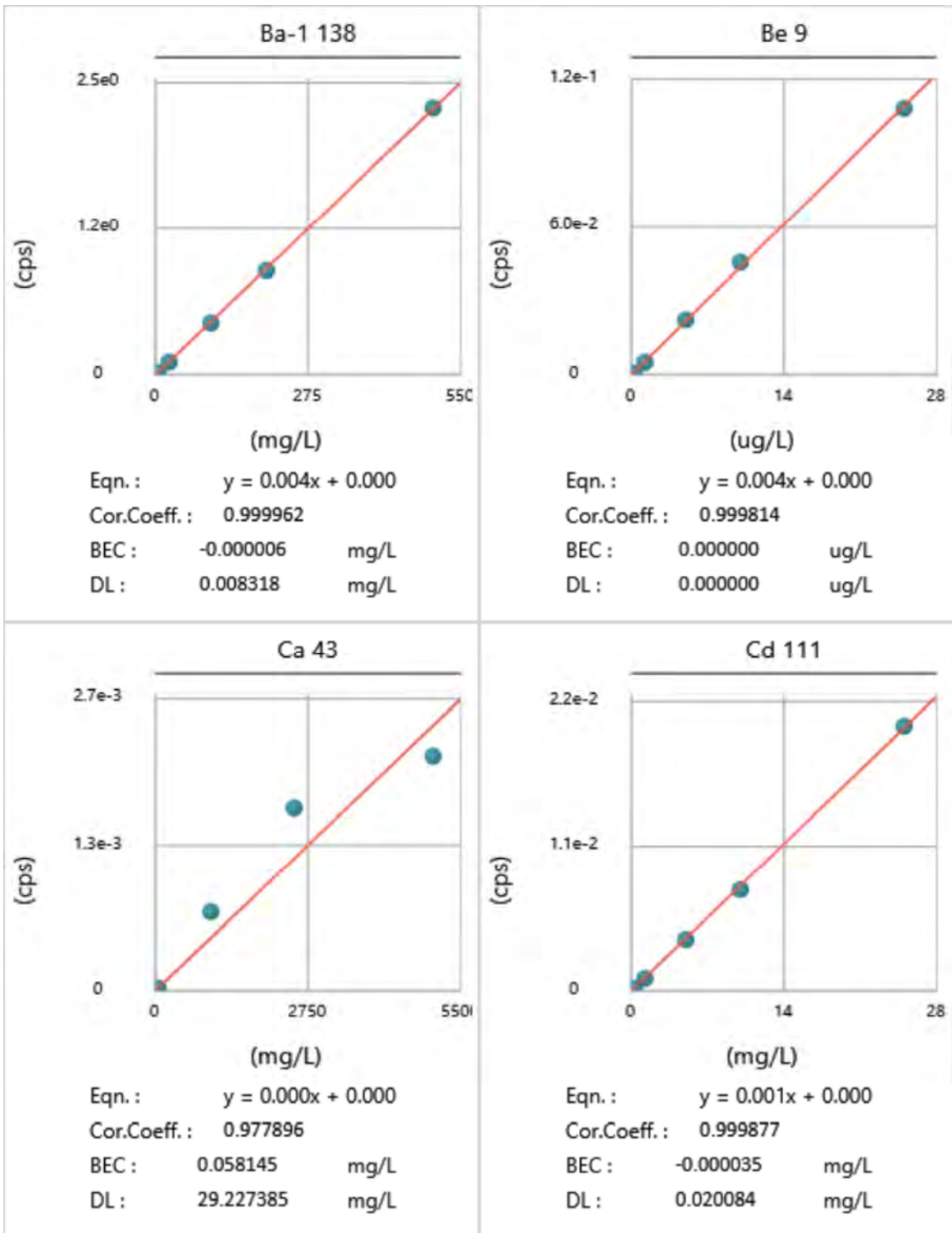


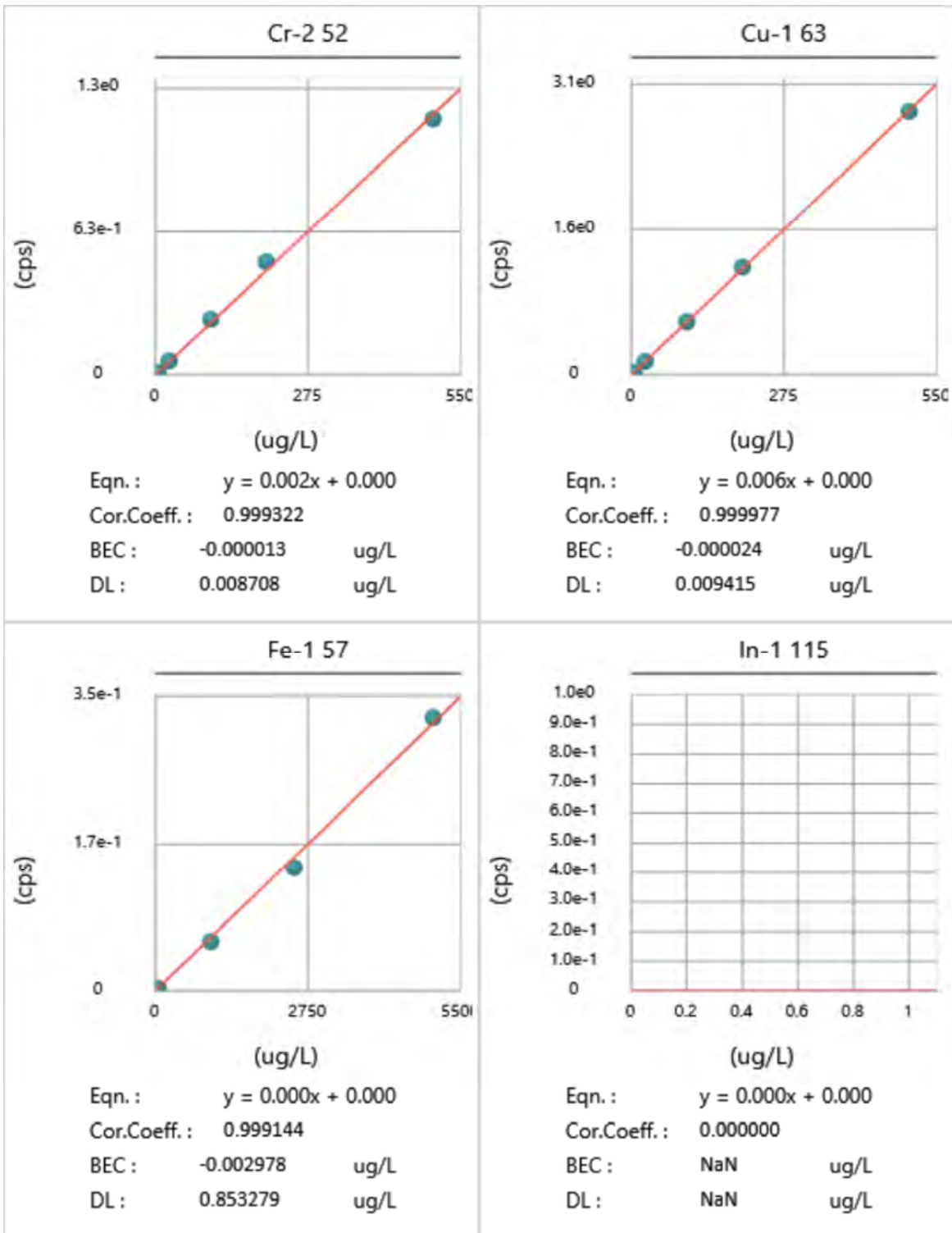


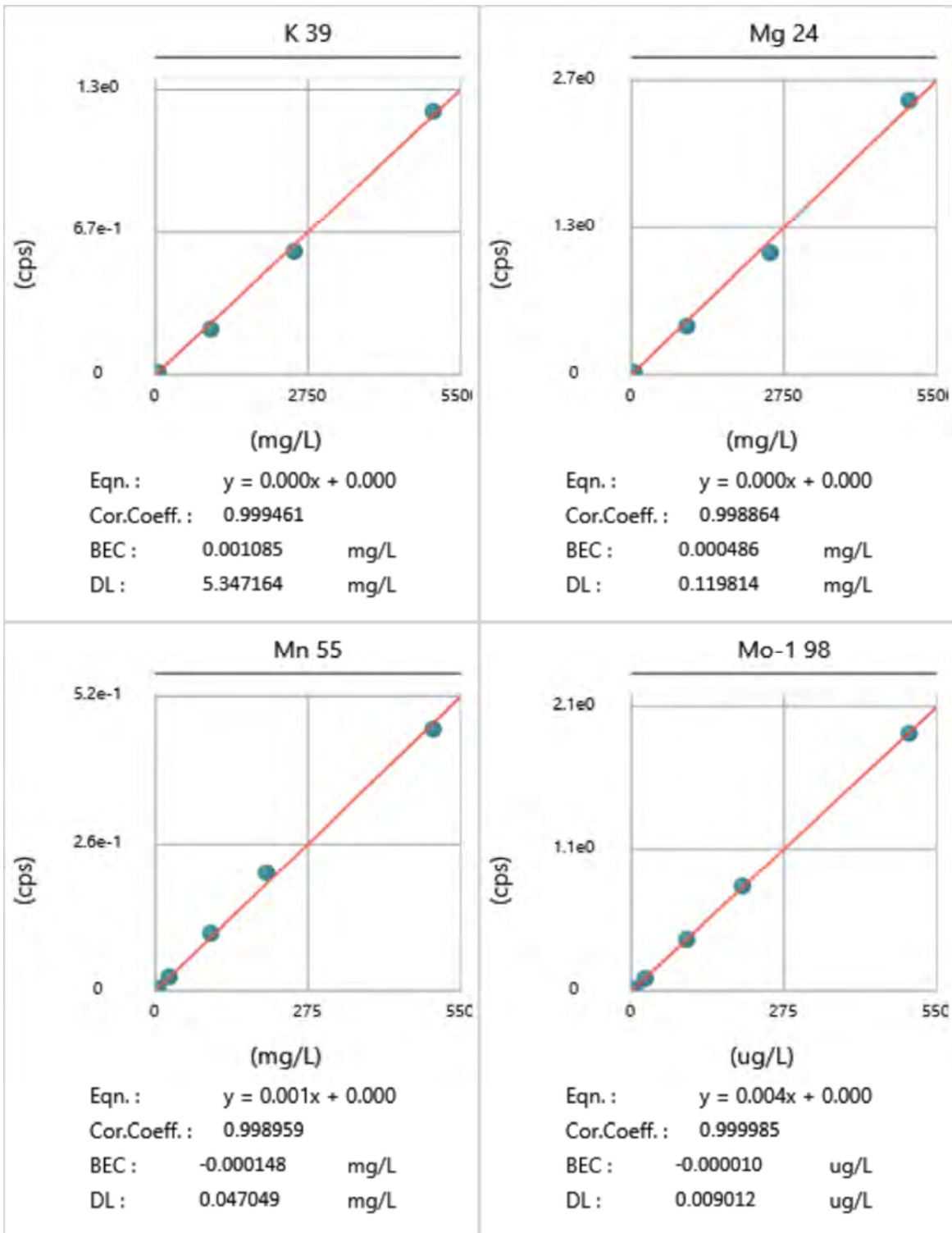


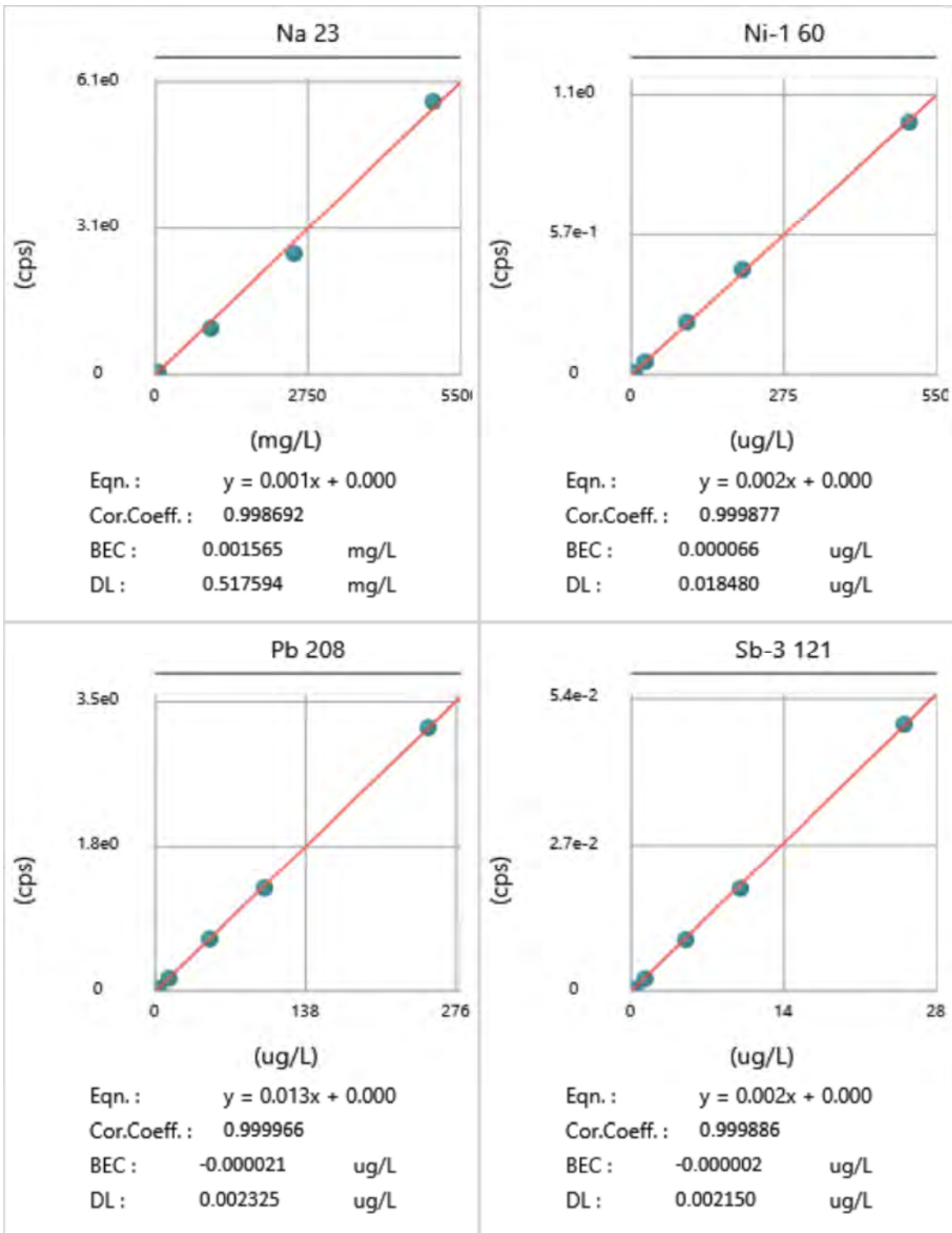


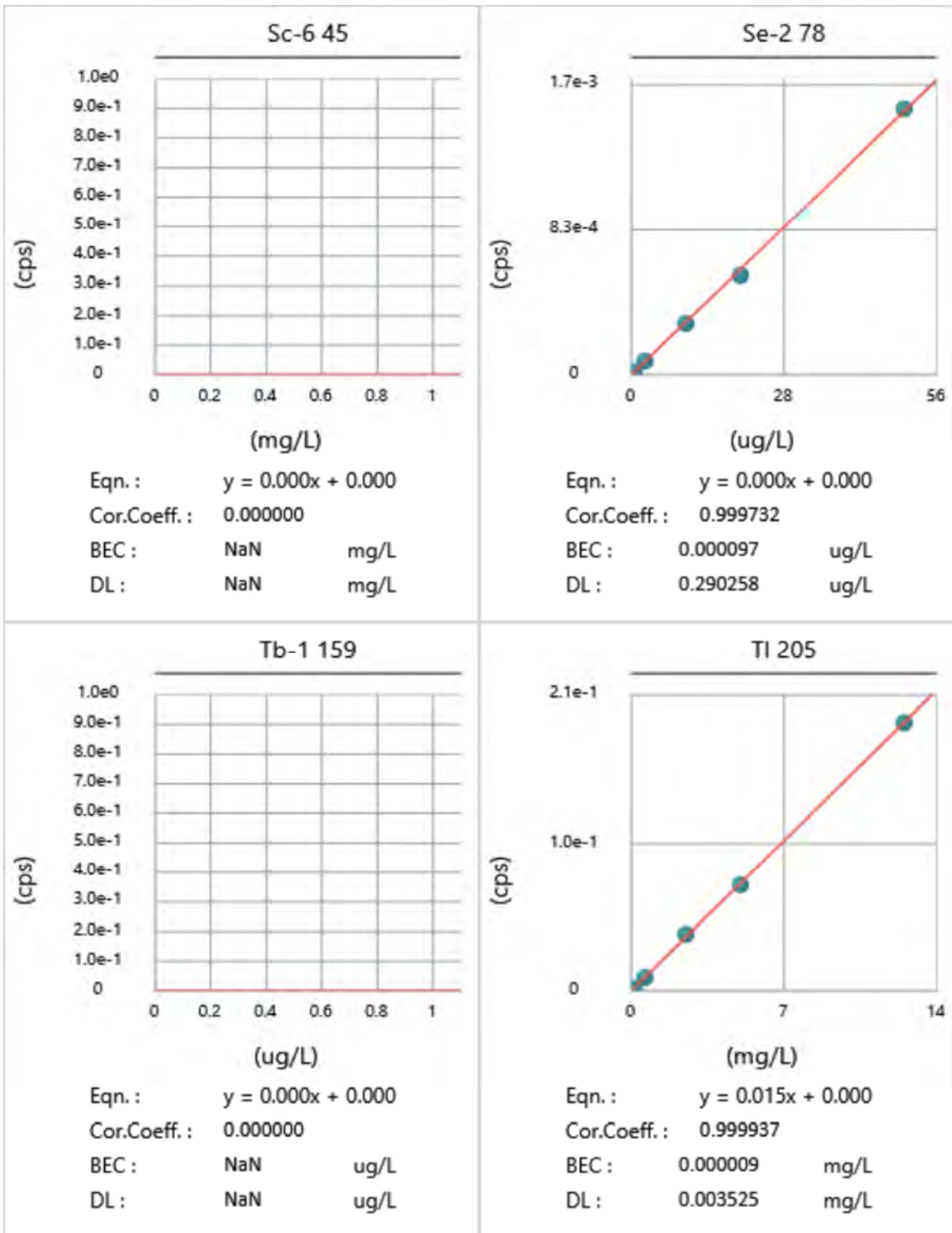


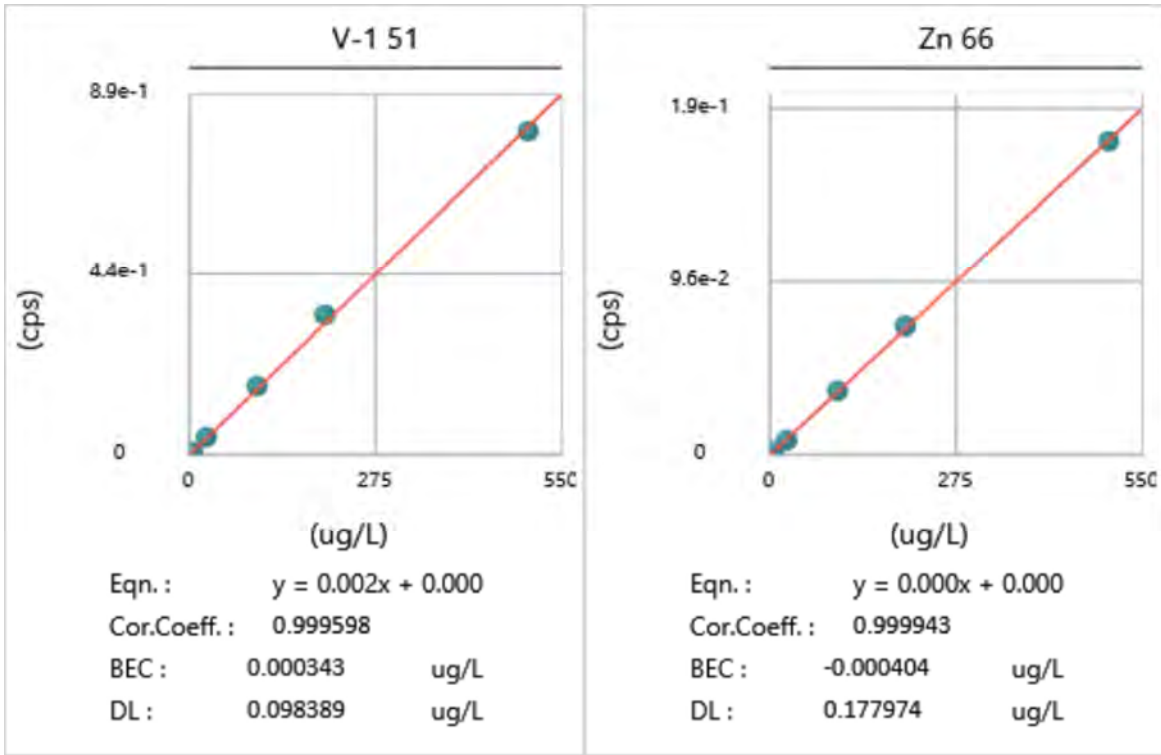


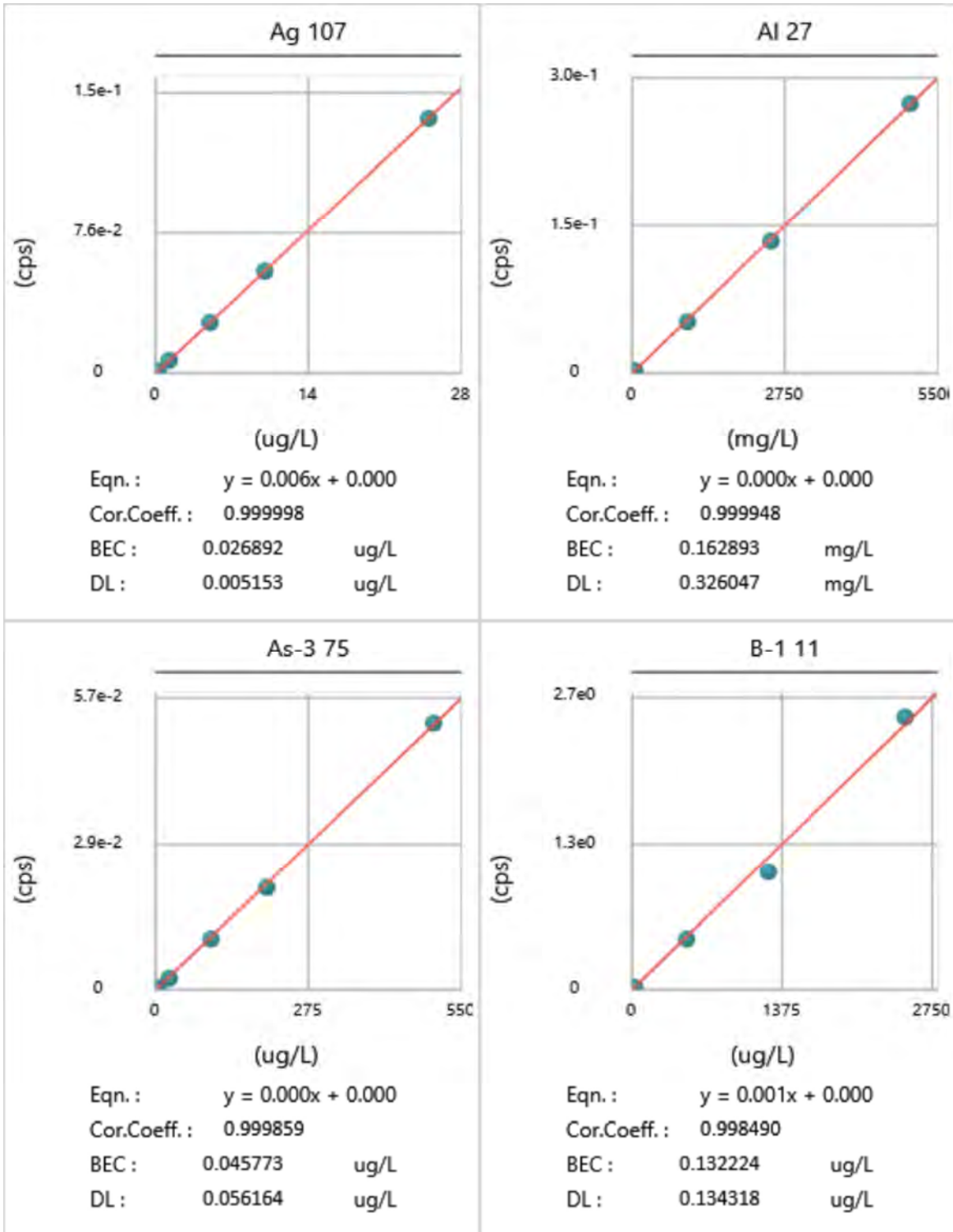


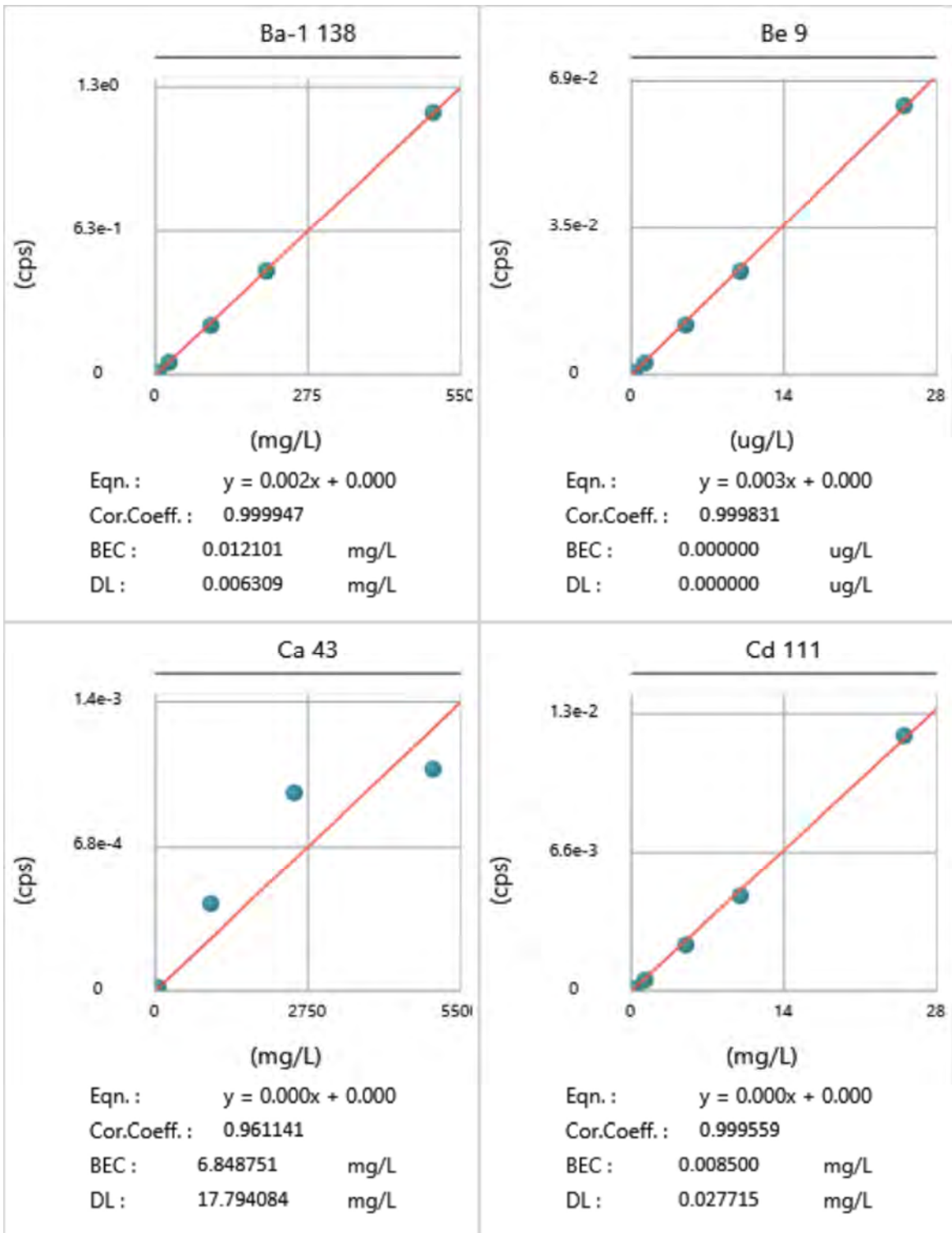


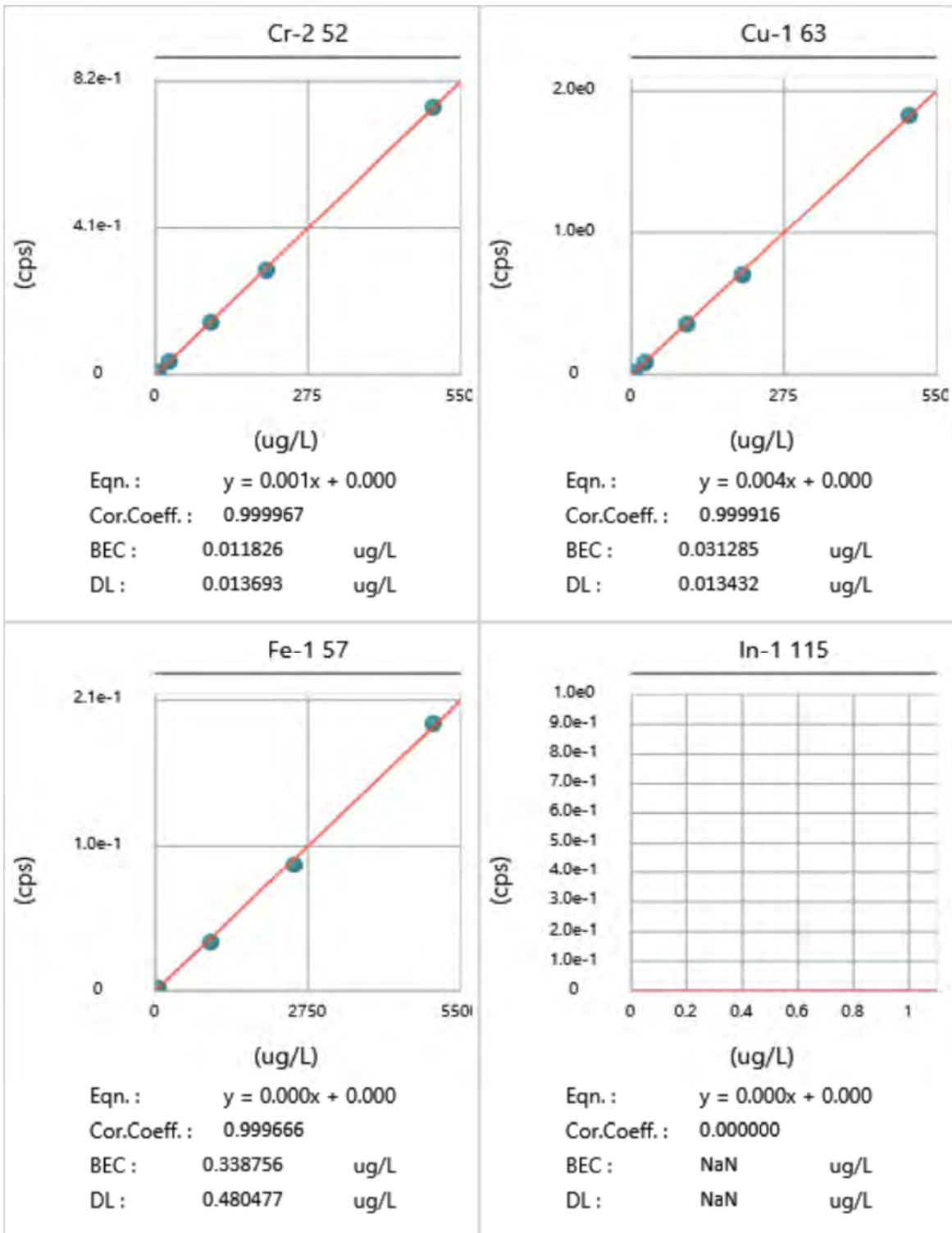


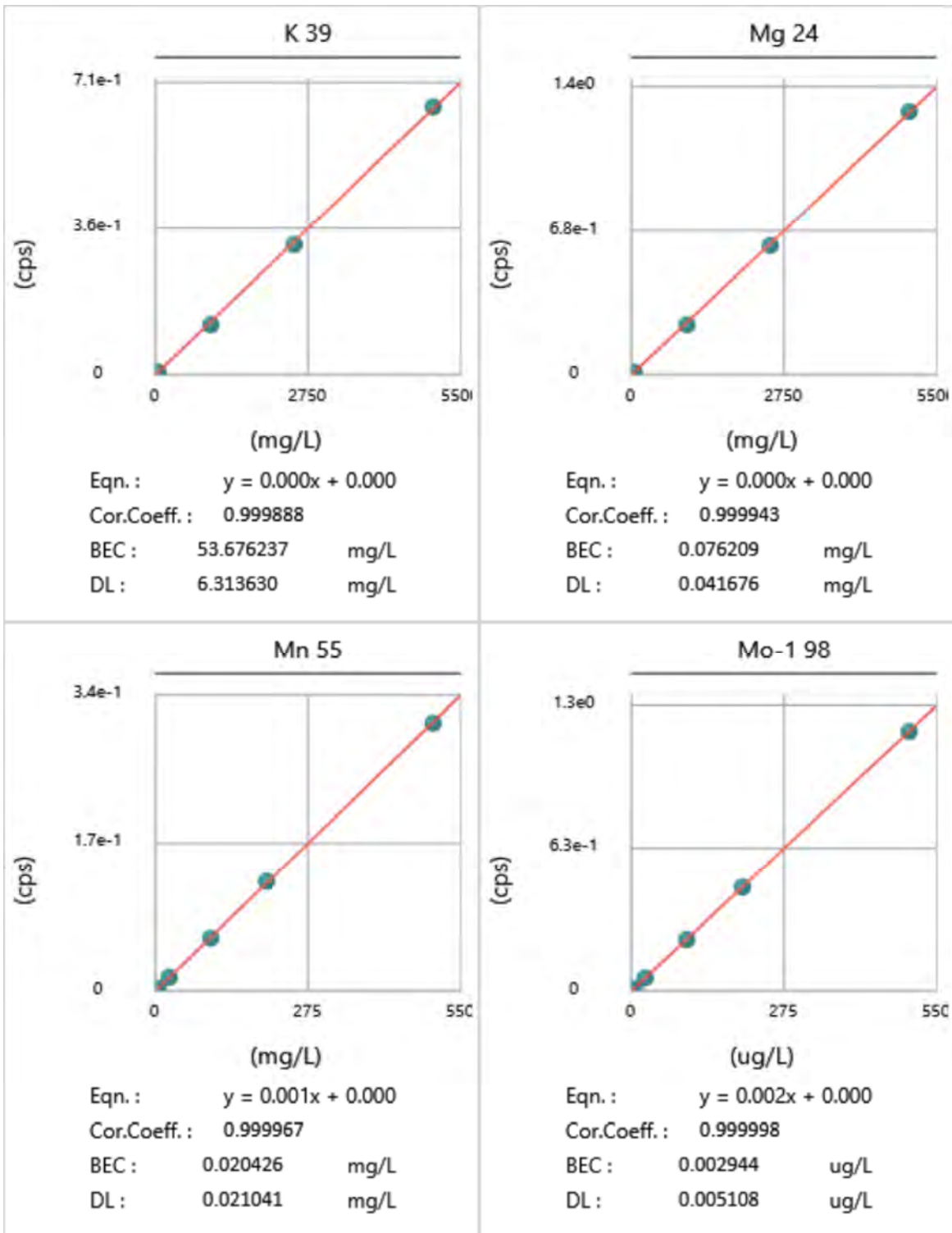


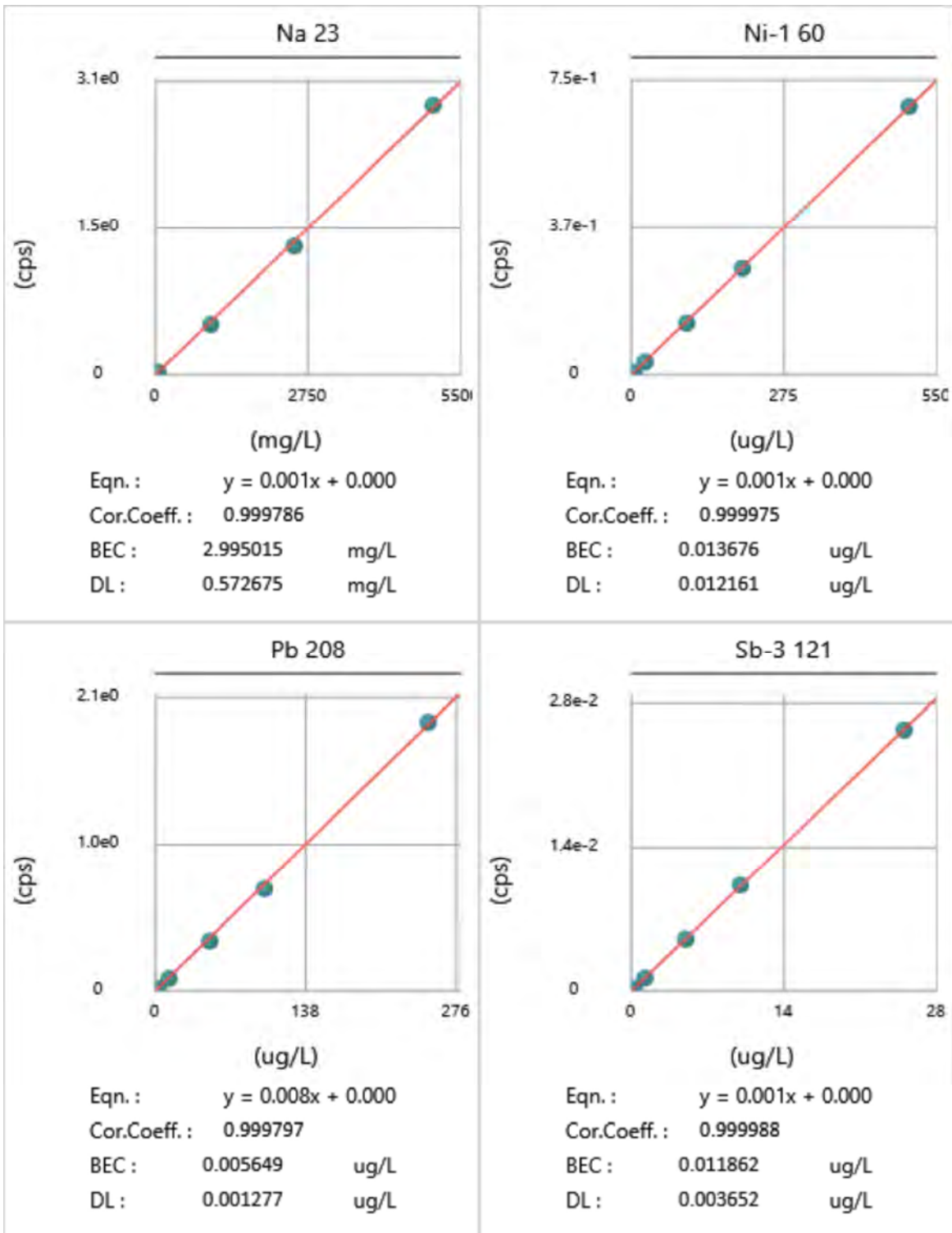


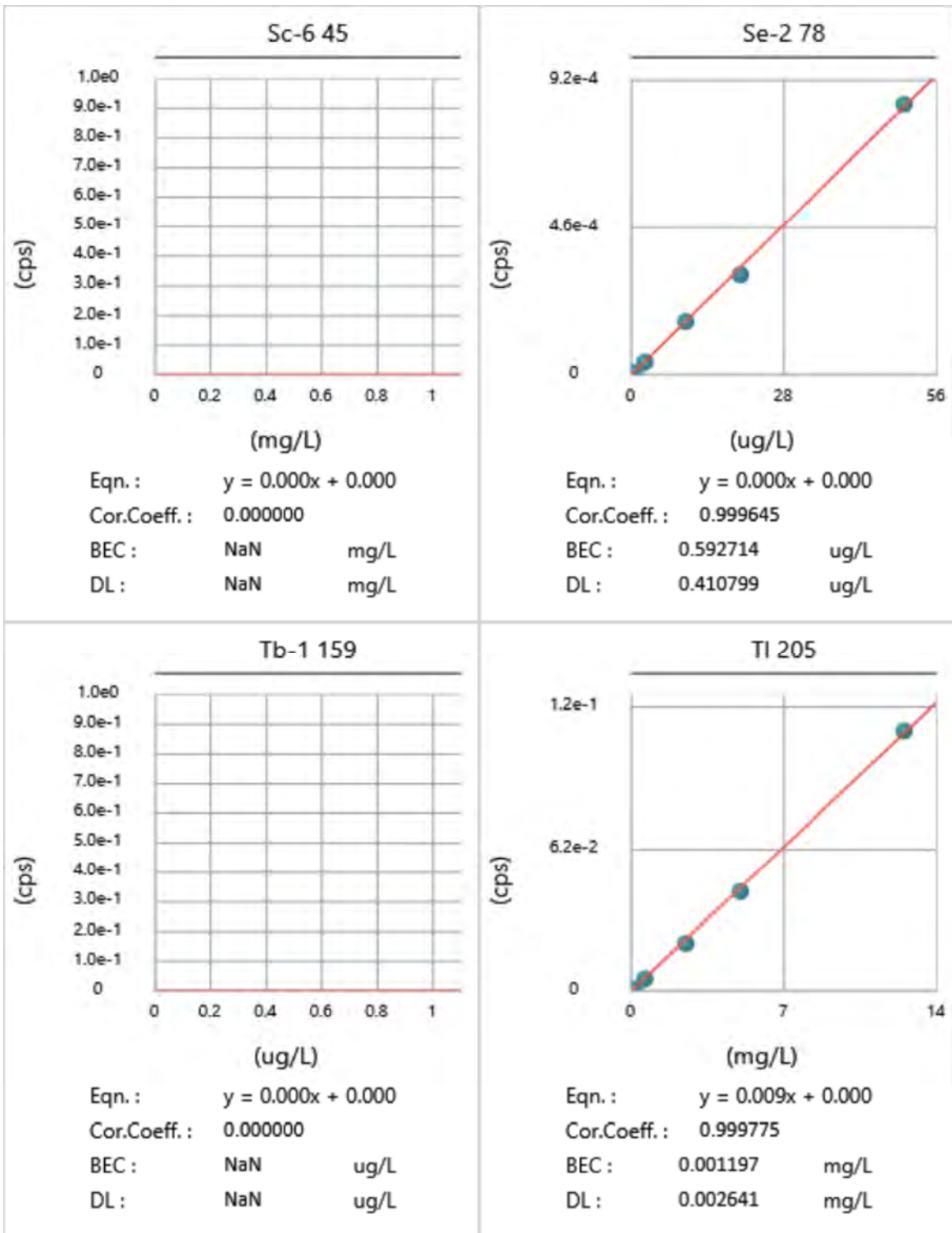


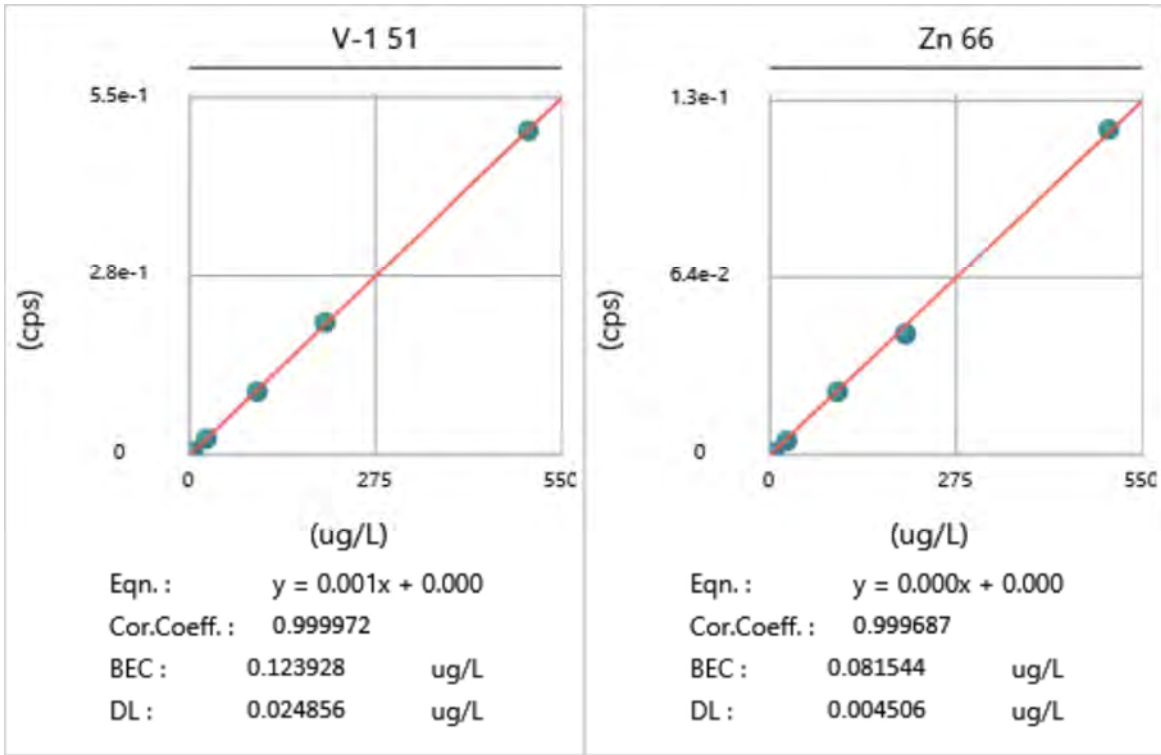


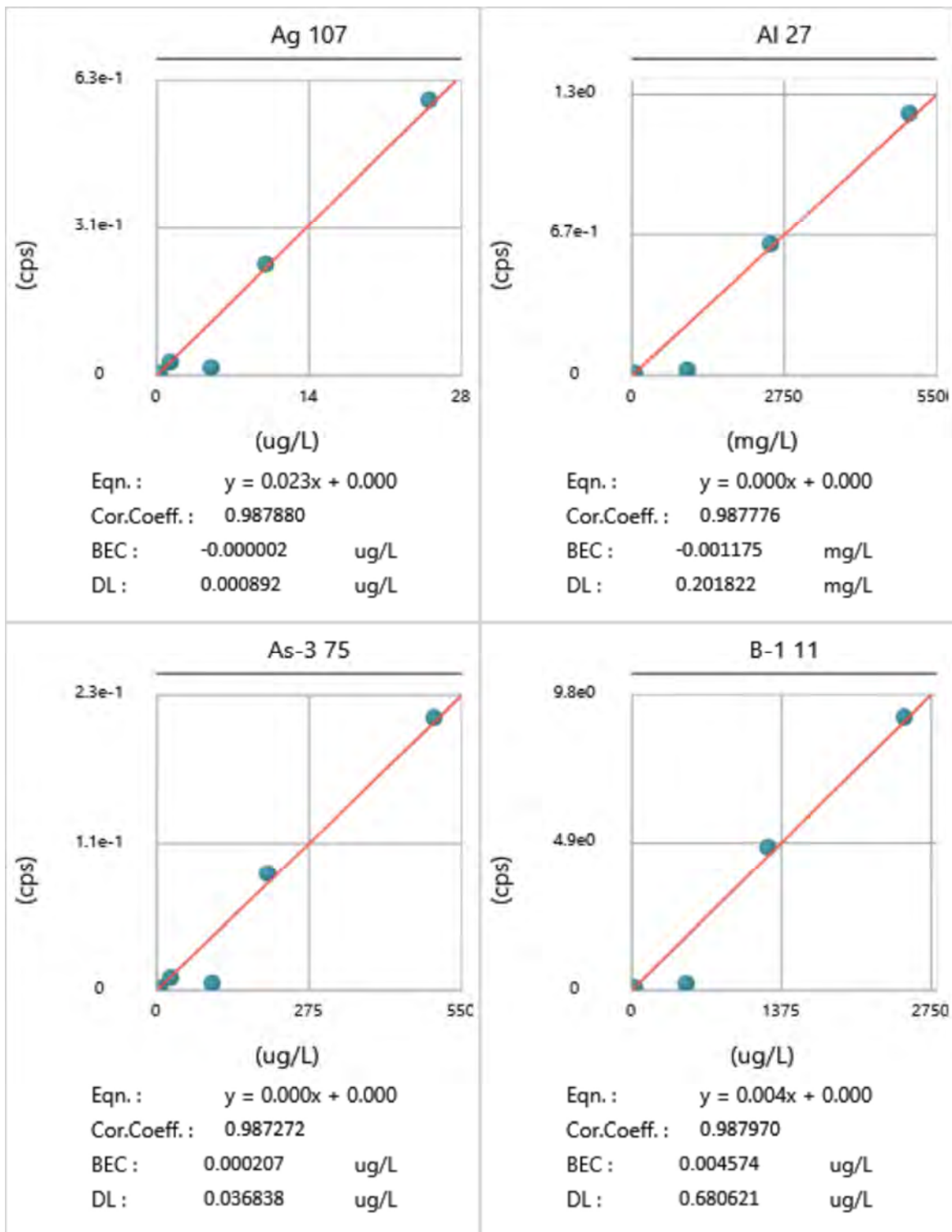


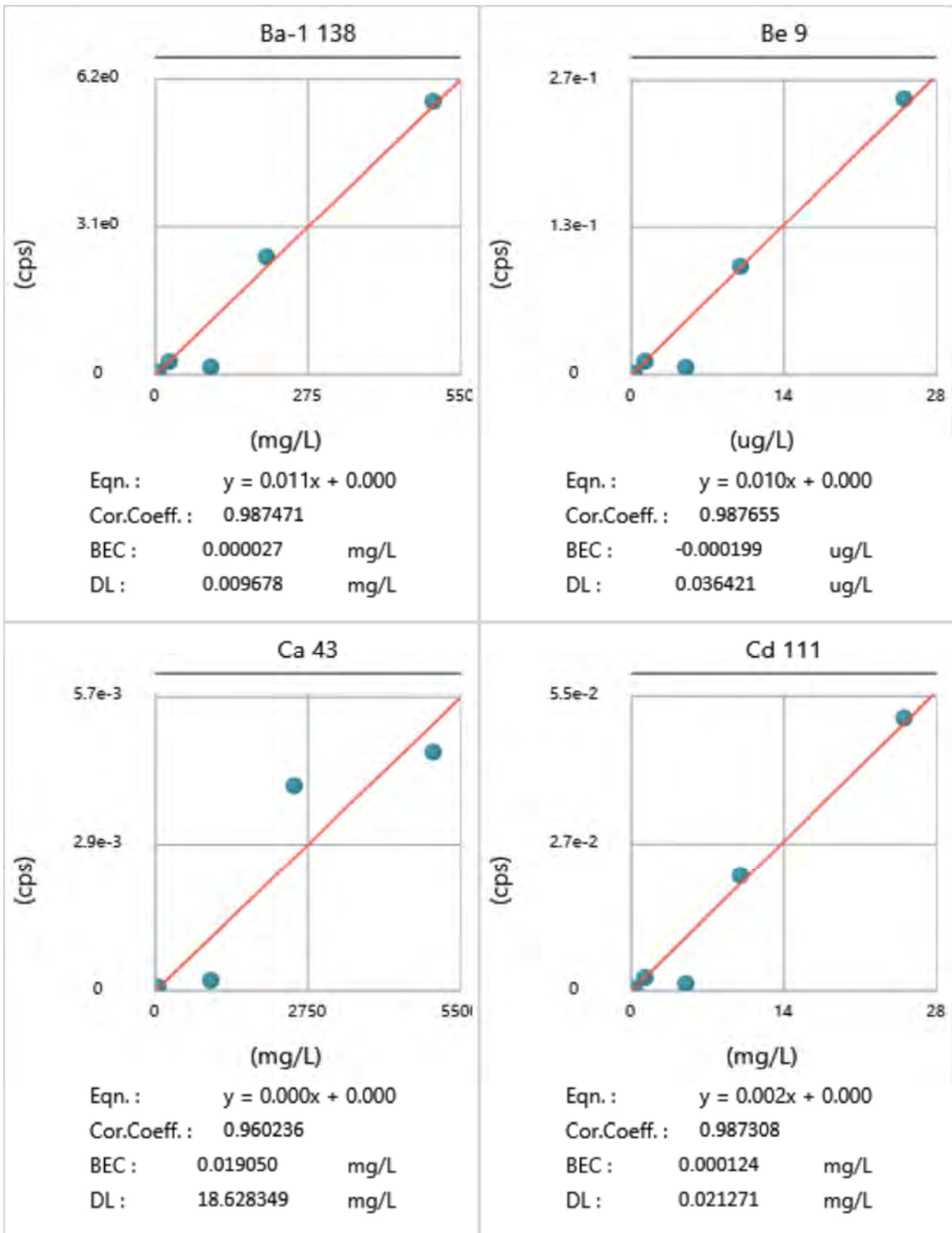


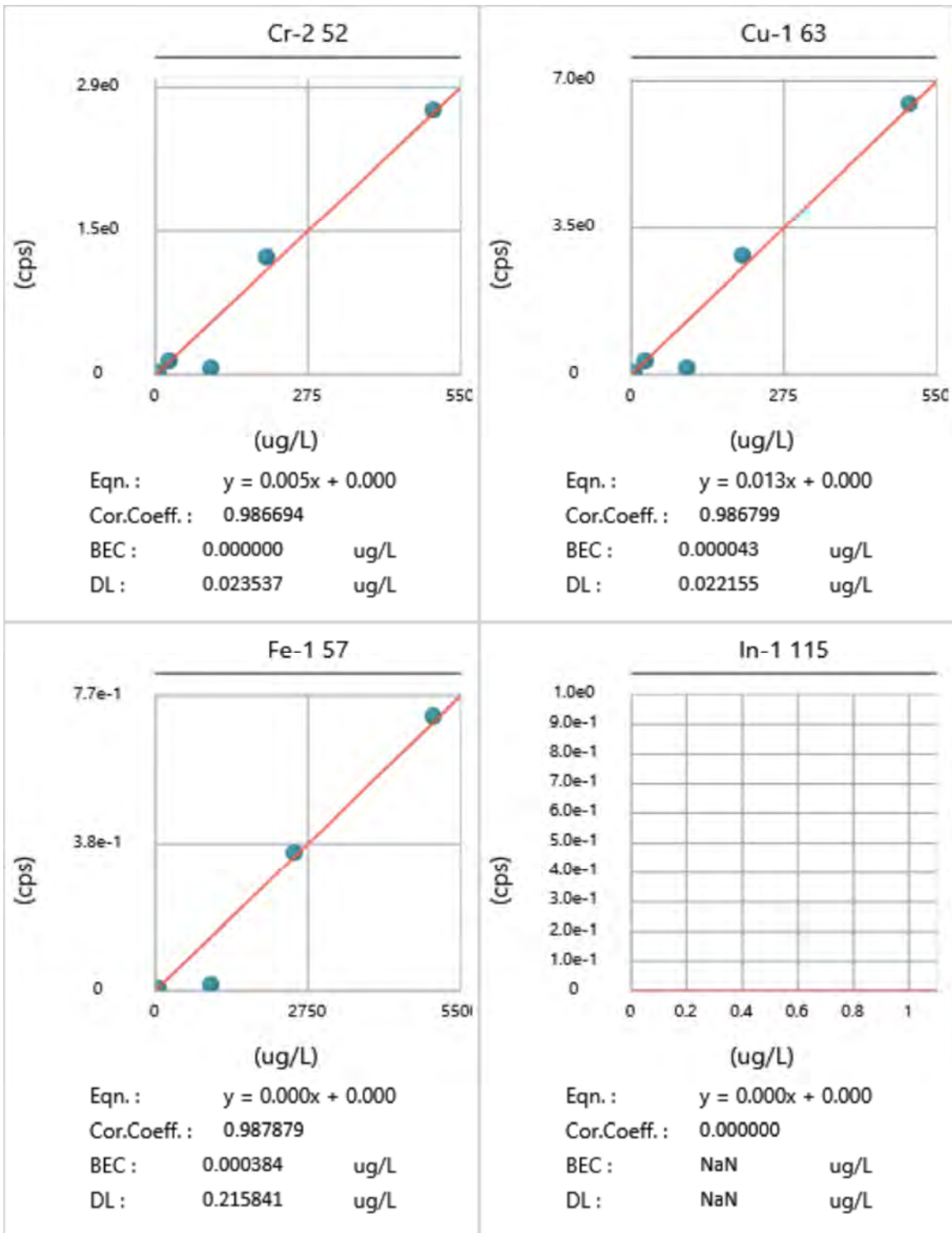


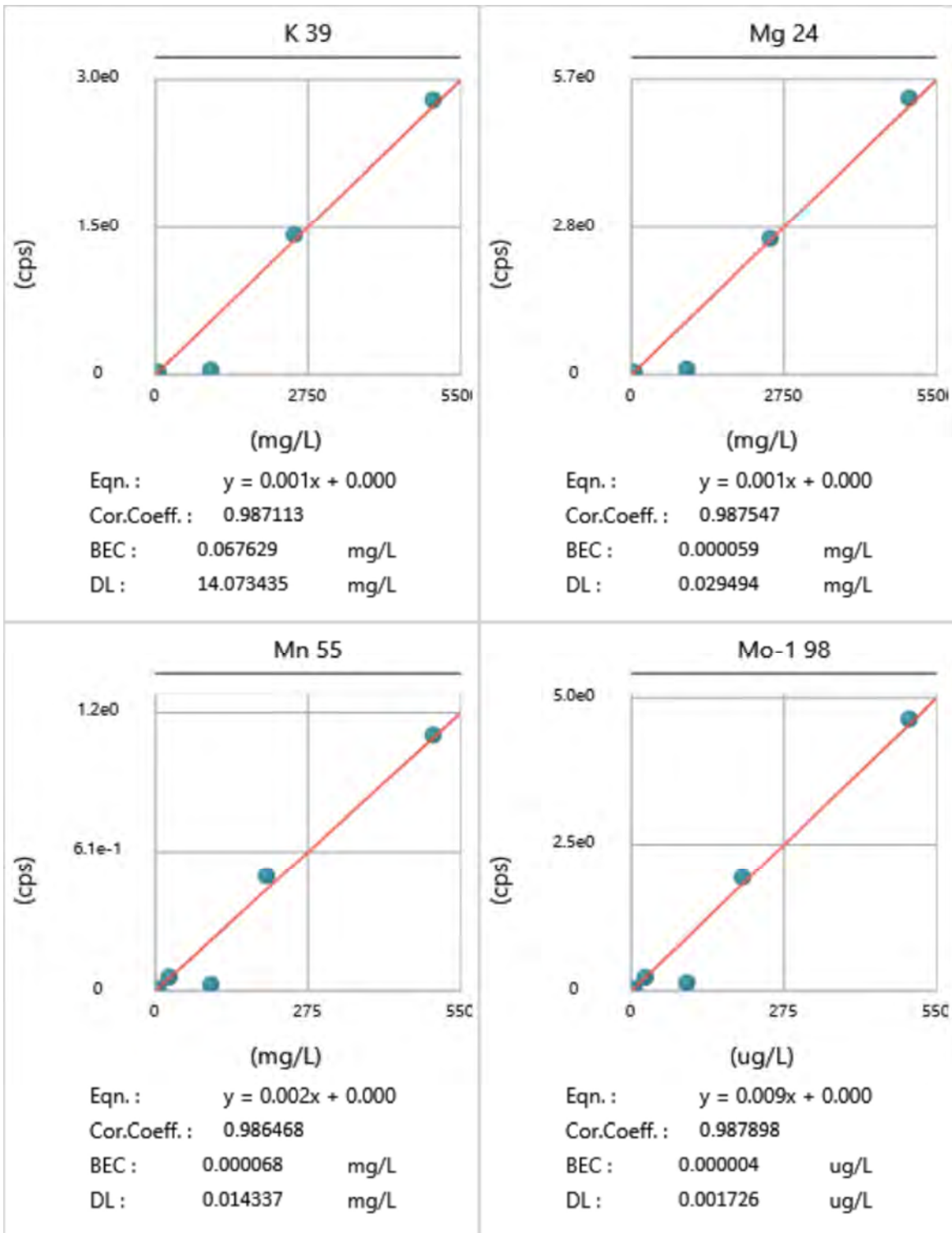


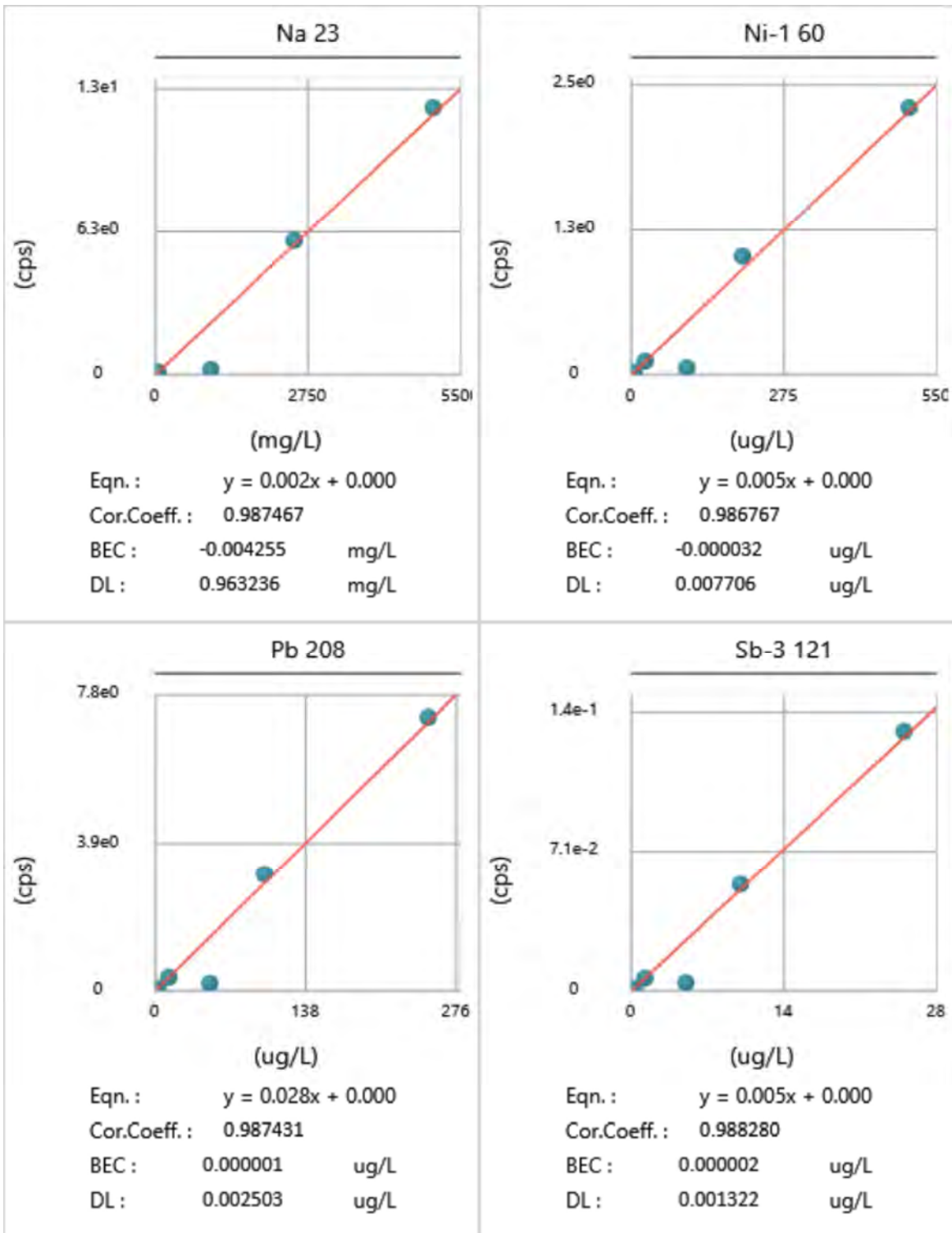


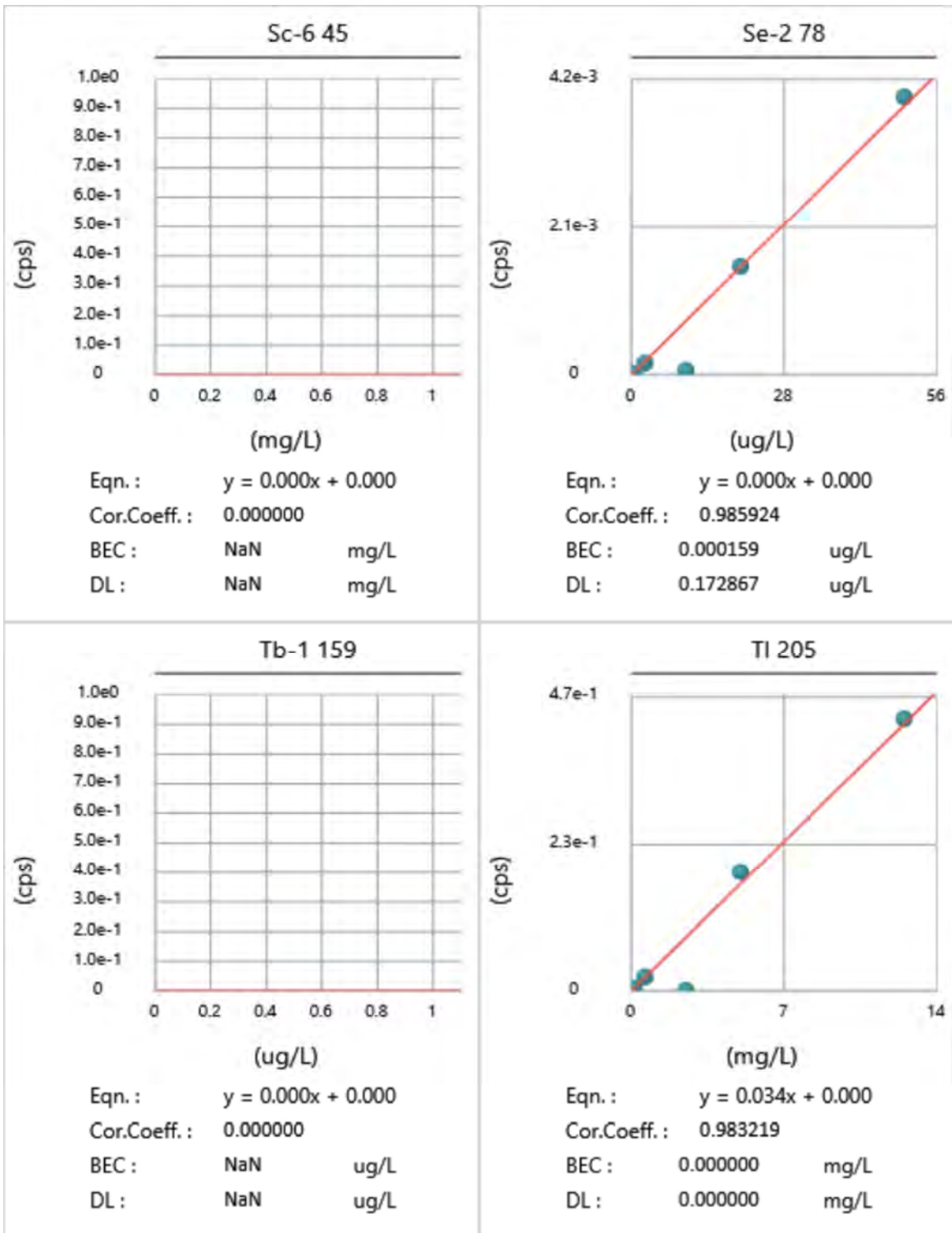


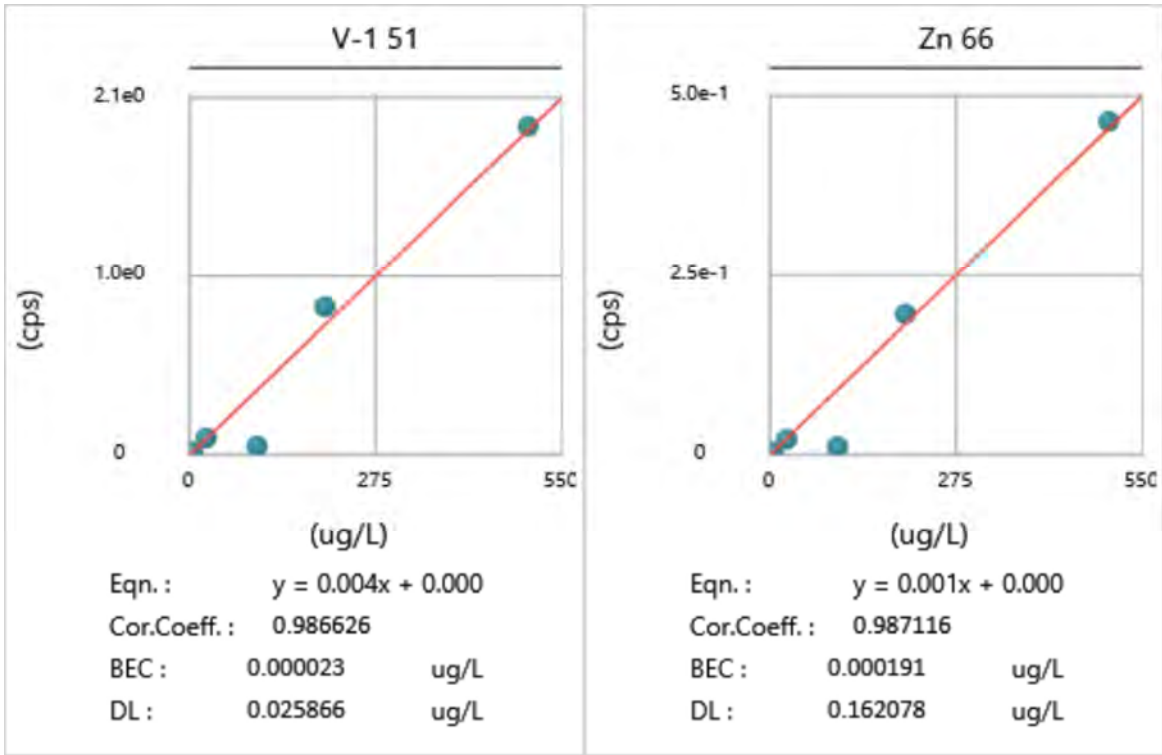














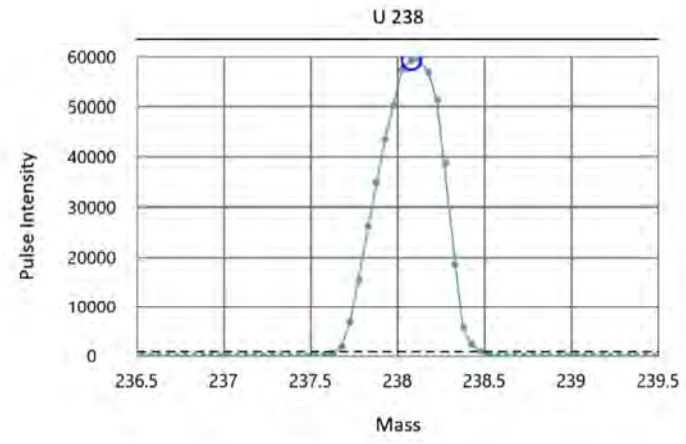
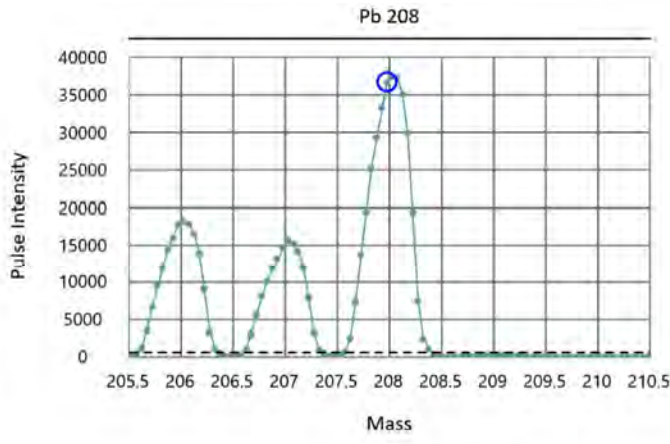
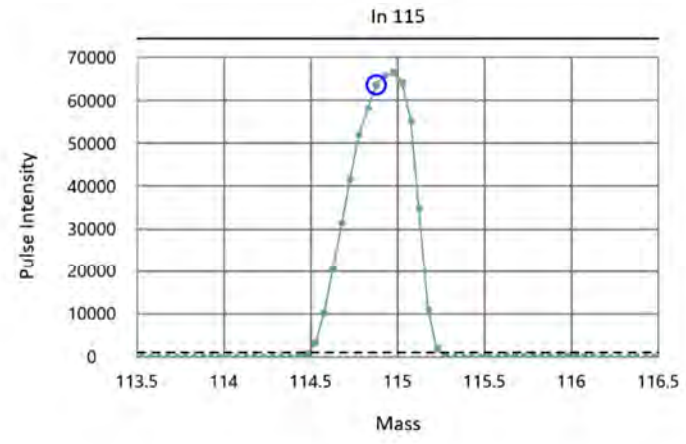
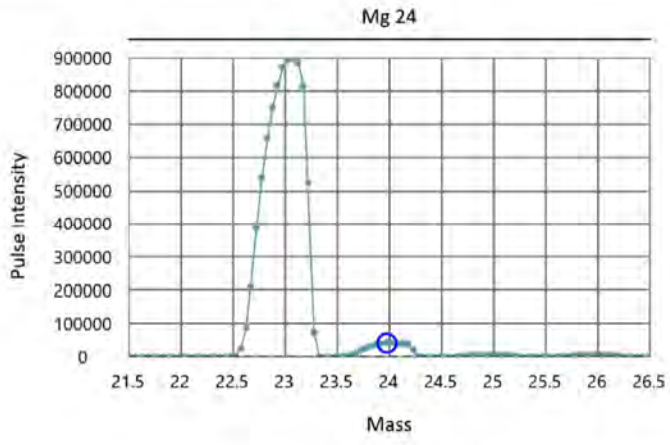
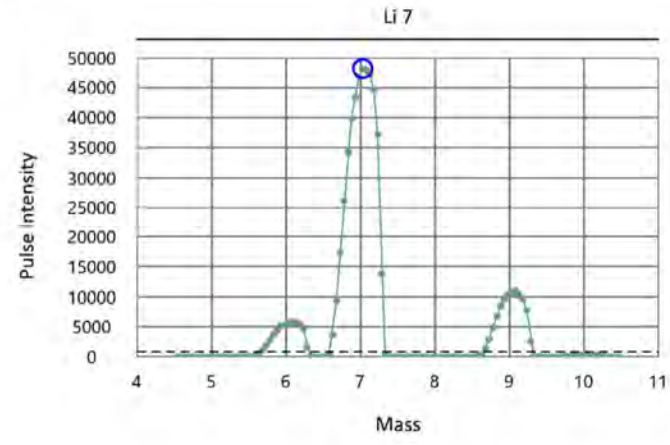
Tunes

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.714)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.707)
 Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.696)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.738)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.731)

Acq. Date/Time: 12/17/2021 8:16:56 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1331	2022	0.714	
Mg	23.985	23.975	4713	2023	0.707	
In	114.904	114.875	22848	2041	0.696	
Pb	207.977	207.975	41415	2060	0.738	
U	238.05	238.075	47420	2067	0.731	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/17/2021 8:33:29 AM

End Time: 12/17/2021 8:35:48 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 12973.56

Obtained Intensity (Mg 24): 75112.23

Obtained Intensity (In 115): 67925.45

Obtained Intensity (U 238): 64540.21

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.022 (=1172.05 / 53345.42)

Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=779.89 / 53345.42)

Obtained RSD (Be 9): 0.0162

Obtained RSD (Mg 24): 0.0097

Obtained RSD (In 115): 0.0099

Obtained RSD (U 238): 0.0116

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/17/2021 8:33:29 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 12973.56
Obtained Intensity (Mg 24): 75112.23
Obtained Intensity (In 115): 67925.45
Obtained Intensity (U 238): 64540.21
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.022 (=1172.05 / 53345.42)
Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=779.89 / 53345.42)
Obtained RSD (Be 9): 0.0162
Obtained RSD (Mg 24): 0.0097
Obtained RSD (In 115): 0.0099
Obtained RSD (U 238): 0.0116

[Passed] Optimum value(s): N/A

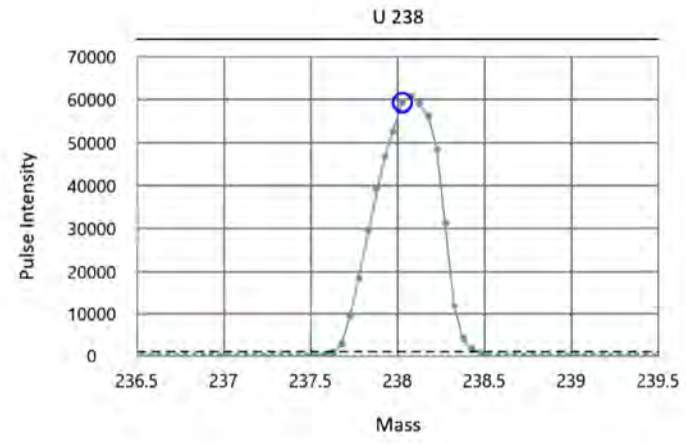
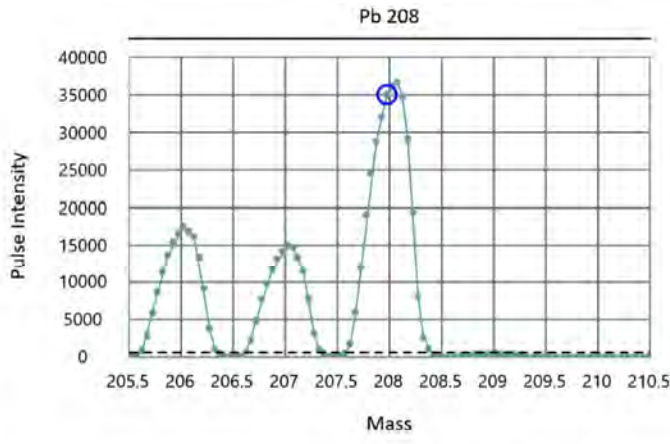
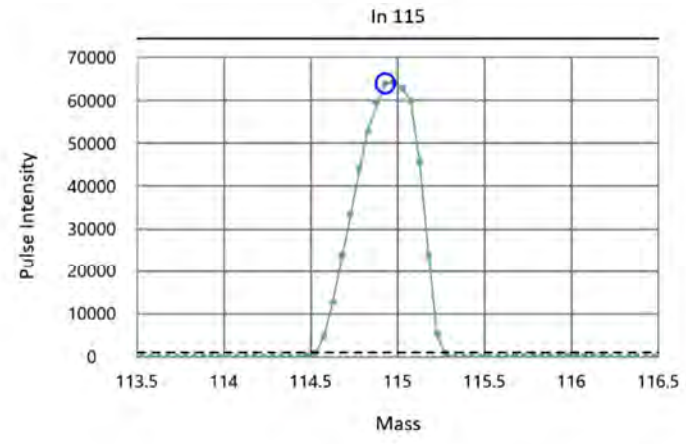
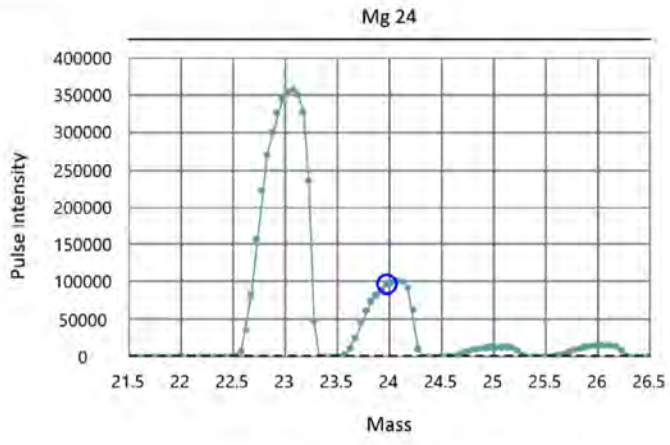
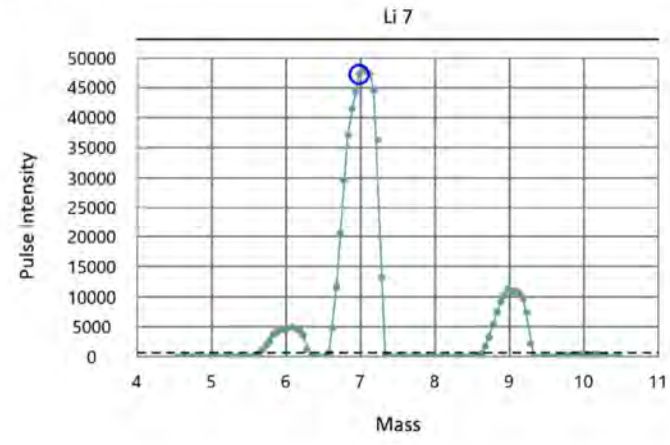
End Time: 12/17/2021 8:35:48 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/6.975), Target/Obtained resolution (0.7/0.723)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.718)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.694)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.729)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.723)

Acq. Date/Time: 12/20/2021 9:59:58 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	6.975	1323	2022	0.723	
Mg	23.985	23.975	4711	2023	0.718	
In	114.904	114.925	22852	2041	0.694	
Pb	207.977	207.975	41414	2060	0.729	
U	238.05	238.025	47415	2067	0.723	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/20/2021 10:12:57 AM

End Time: 12/20/2021 10:15:19 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10773.13

Obtained Intensity (Mg 24): 95404.61

Obtained Intensity (In 115): 55356.14

Obtained Intensity (U 238): 48242.06

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.020 (=905.96 / 46212.83)

Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=691.22 / 46212.83)

Obtained RSD (Be 9): 0.0097

Obtained RSD (Mg 24): 0.0107

Obtained RSD (In 115): 0.0183

Obtained RSD (U 238): 0.0078

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/20/2021 10:12:57 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10773.13
Obtained Intensity (Mg 24): 95404.61
Obtained Intensity (In 115): 55356.14
Obtained Intensity (U 238): 48242.06
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.020 (=905.96 / 46212.83)
Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=691.22 / 46212.83)
Obtained RSD (Be 9): 0.0097
Obtained RSD (Mg 24): 0.0107
Obtained RSD (In 115): 0.0183
Obtained RSD (U 238): 0.0078

[Passed] Optimum value(s): N/A

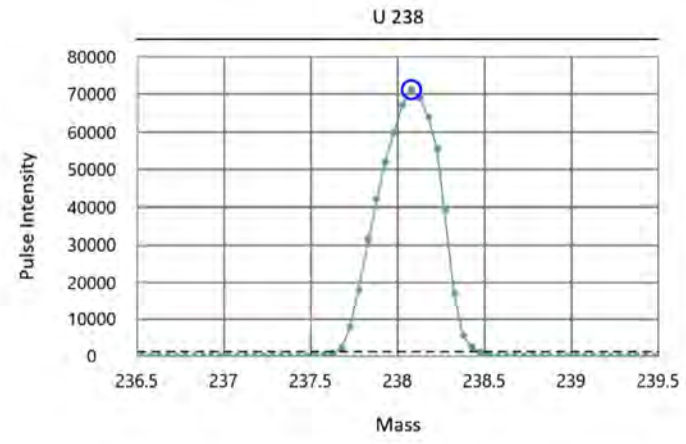
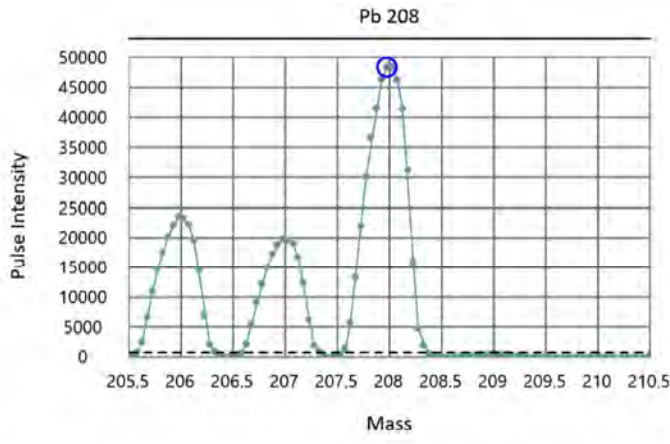
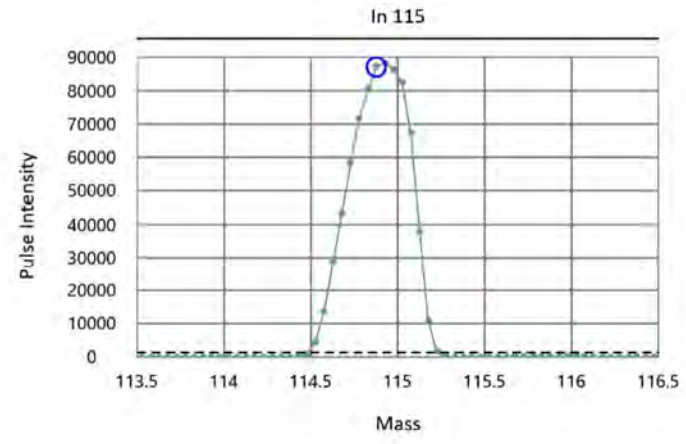
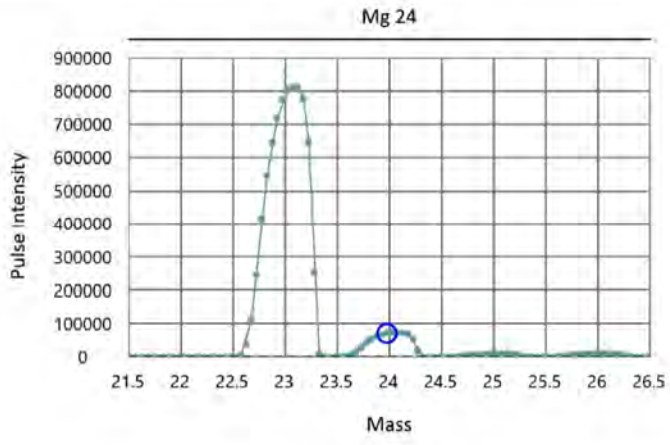
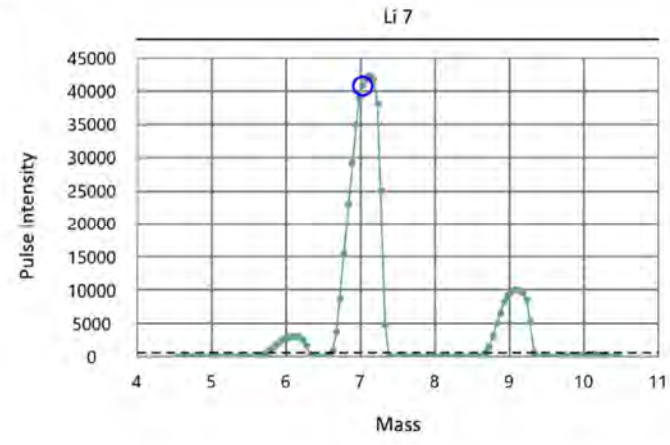
End Time: 12/20/2021 10:15:19 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.710)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.711)
 Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.688)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.731)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.721)

Acq. Date/Time: 12/22/2021 8:05:14 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1325	2022	0.710	
Mg	23.985	23.975	4707	2023	0.711	
In	114.904	114.875	22850	2041	0.688	
Pb	207.977	207.975	41422	2060	0.731	
U	238.05	238.075	47423	2067	0.721	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/22/2021 8:15:32 AM

End Time: 12/22/2021 8:17:54 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 9696.76

Obtained Intensity (Mg 24): 62159.41

Obtained Intensity (In 115): 71166.17

Obtained Intensity (U 238): 57558.74

Obtained Intensity (Bkgd 220): 0.10

Obtained Formula (CeO 156 / Ce 140): 0.019 (=1566.02 / 83386.80)

Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=859.29 / 83386.80)

Obtained RSD (Be 9): 0.0238

Obtained RSD (Mg 24): 0.0070

Obtained RSD (In 115): 0.0119

Obtained RSD (U 238): 0.0124

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/22/2021 8:15:32 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 9696.76
Obtained Intensity (Mg 24): 62159.41
Obtained Intensity (In 115): 71166.17
Obtained Intensity (U 238): 57558.74
Obtained Intensity (Bkgd 220): 0.10
Obtained Formula (CeO 156 / Ce 140): 0.019 (=1566.02 / 83386.80)
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=859.29 / 83386.80)
Obtained RSD (Be 9): 0.0238
Obtained RSD (Mg 24): 0.0070
Obtained RSD (In 115): 0.0119
Obtained RSD (U 238): 0.0124

[Passed] Optimum value(s): N/A

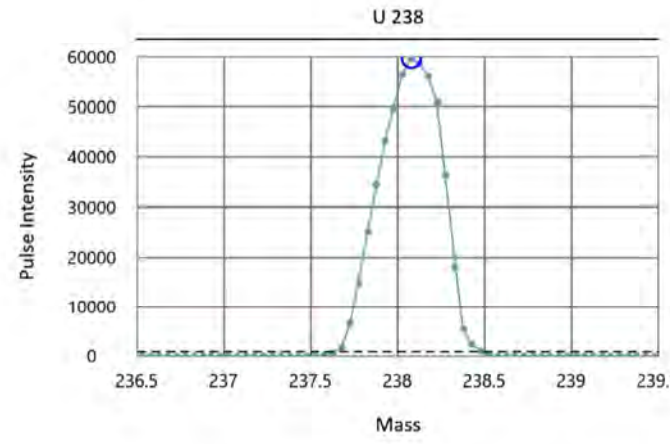
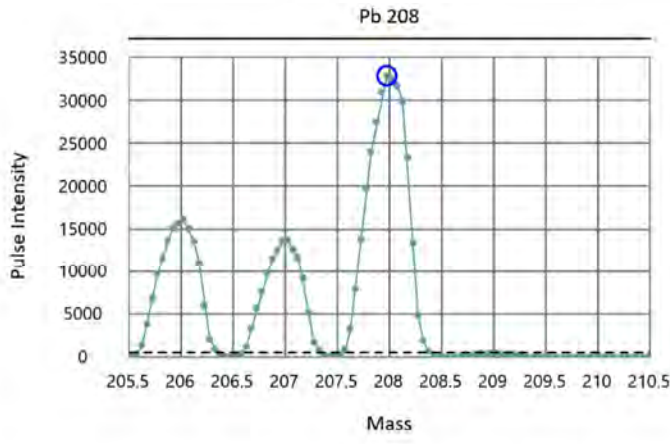
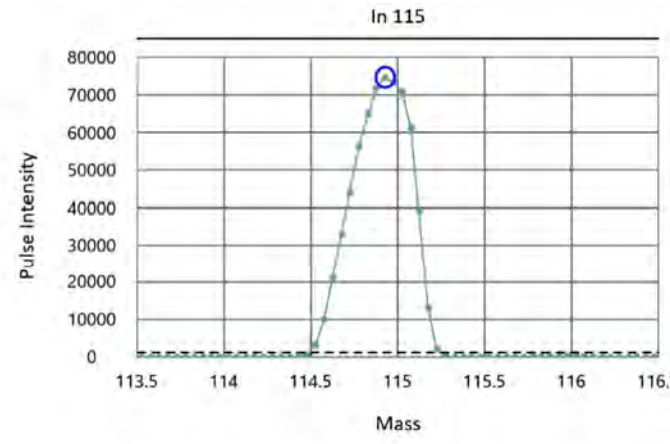
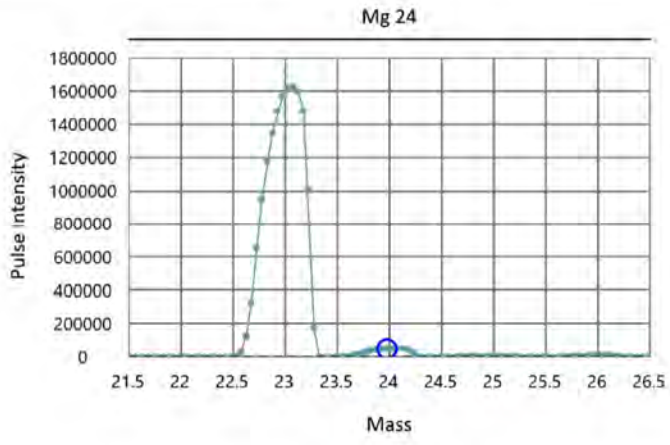
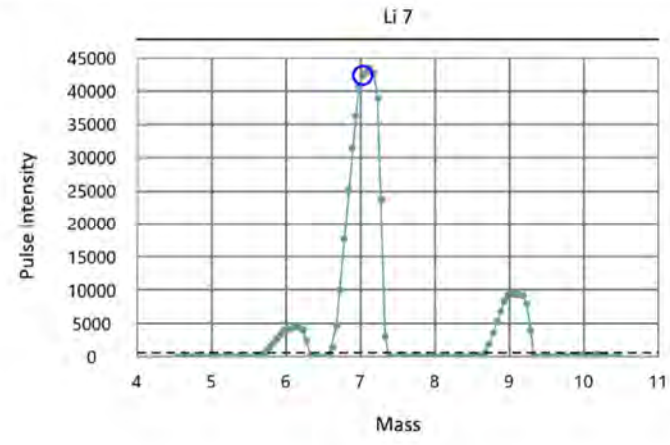
End Time: 12/22/2021 8:17:54 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.706)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.713)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.689)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.744)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.729)

Acq. Date/Time: 12/23/2021 7:44:13 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1327	2022	0.706	
Mg	23.985	23.975	4712	2023	0.713	
In	114.904	114.925	22858	2041	0.689	
Pb	207.977	207.975	41420	2060	0.744	
U	238.05	238.075	47422	2067	0.729	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/23/2021 7:59:28 AM

End Time: 12/23/2021 8:01:51 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10911.77

Obtained Intensity (Mg 24): 49120.84

Obtained Intensity (In 115): 72613.11

Obtained Intensity (U 238): 59363.44

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.020 (=1406.34 / 70024.08)

Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=892.36 / 70024.08)

Obtained RSD (Be 9): 0.0137

Obtained RSD (Mg 24): 0.0047

Obtained RSD (In 115): 0.0149

Obtained RSD (U 238): 0.0152

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/23/2021 7:59:28 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10911.77
Obtained Intensity (Mg 24): 49120.84
Obtained Intensity (In 115): 72613.11
Obtained Intensity (U 238): 59363.44
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.020 (=1406.34 / 70024.08)
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=892.36 / 70024.08)
Obtained RSD (Be 9): 0.0137
Obtained RSD (Mg 24): 0.0047
Obtained RSD (In 115): 0.0149
Obtained RSD (U 238): 0.0152

[Passed] Optimum value(s): N/A

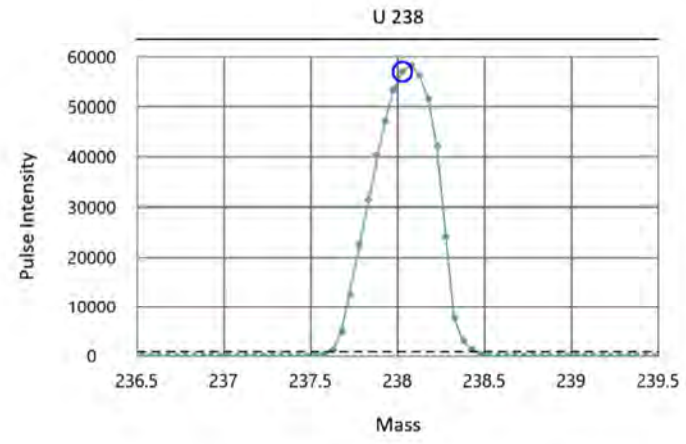
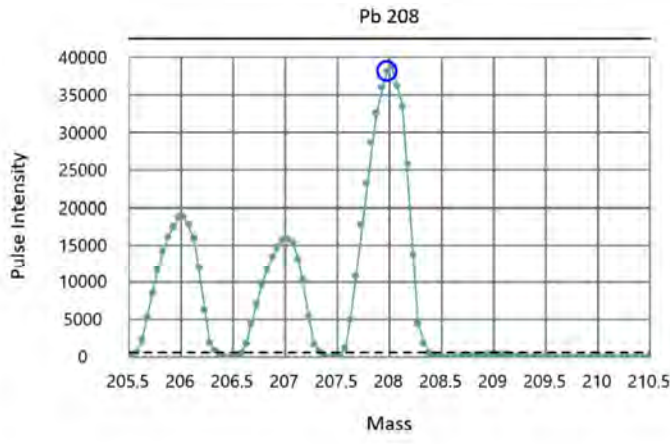
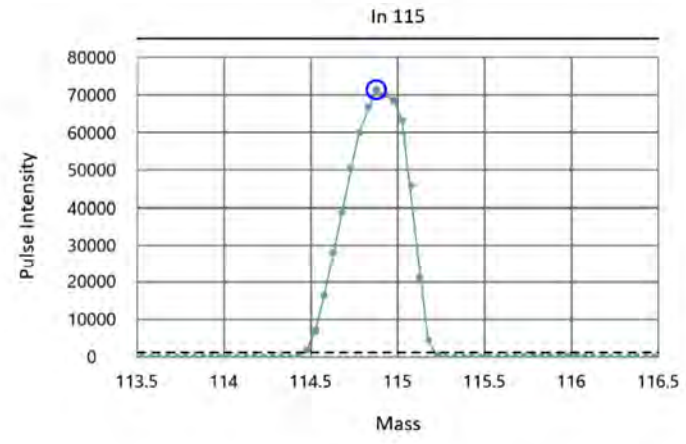
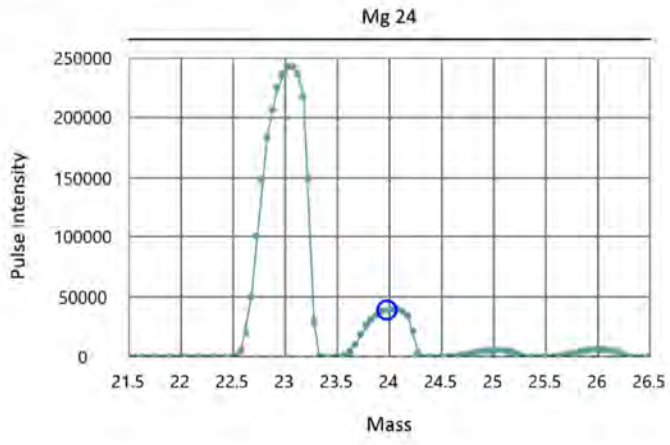
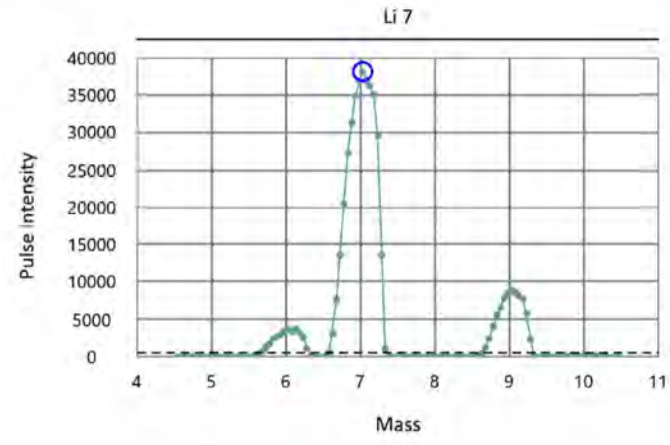
End Time: 12/23/2021 8:01:51 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.722)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.714)
 Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.694)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.740)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.738)

Acq. Date/Time: 12/27/2021 8:40:27 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1328	2022	0.722	
Mg	23.985	23.975	4710	2023	0.714	
In	114.904	114.875	22852	2041	0.694	
Pb	207.977	207.975	41419	2060	0.740	
U	238.05	238.025	47417	2067	0.738	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/27/2021 8:51:05 AM

End Time: 12/27/2021 8:53:26 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 9233.98

Obtained Intensity (Mg 24): 35826.94

Obtained Intensity (In 115): 62539.22

Obtained Intensity (U 238): 52610.43

Obtained Intensity (Bkgd 220): 0.10

Obtained Formula (CeO 156 / Ce 140): 0.019 (=1144.11 / 59664.95)

Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=819.96 / 59664.95)

Obtained RSD (Be 9): 0.0107

Obtained RSD (Mg 24): 0.0141

Obtained RSD (In 115): 0.0162

Obtained RSD (U 238): 0.0057

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/27/2021 8:51:05 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 9233.98
Obtained Intensity (Mg 24): 35826.94
Obtained Intensity (In 115): 62539.22
Obtained Intensity (U 238): 52610.43
Obtained Intensity (Bkgd 220): 0.10
Obtained Formula (CeO 156 / Ce 140): 0.019 (=1144.11 / 59664.95)
Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=819.96 / 59664.95)
Obtained RSD (Be 9): 0.0107
Obtained RSD (Mg 24): 0.0141
Obtained RSD (In 115): 0.0162
Obtained RSD (U 238): 0.0057

[Passed] Optimum value(s): N/A

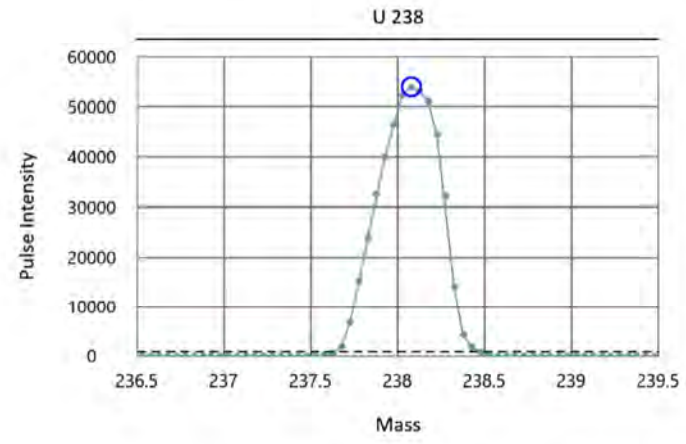
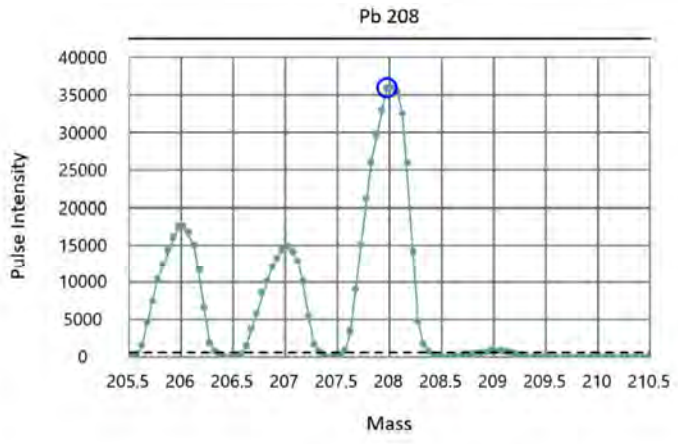
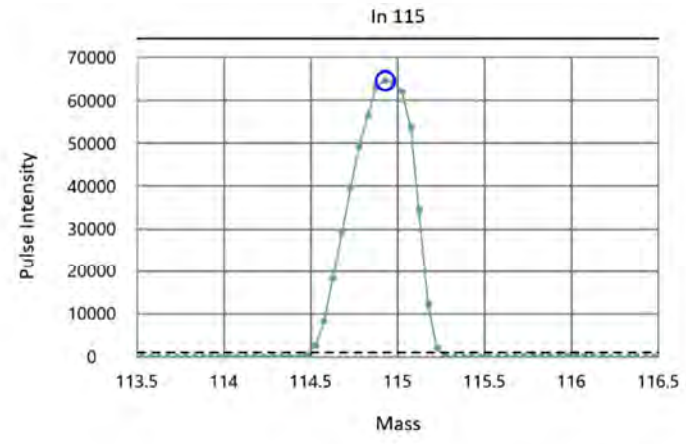
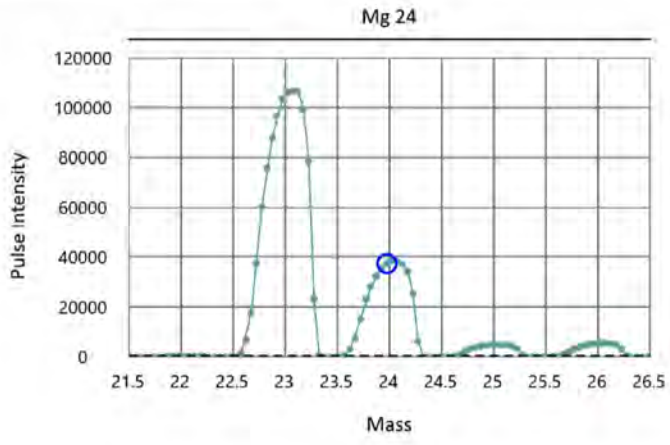
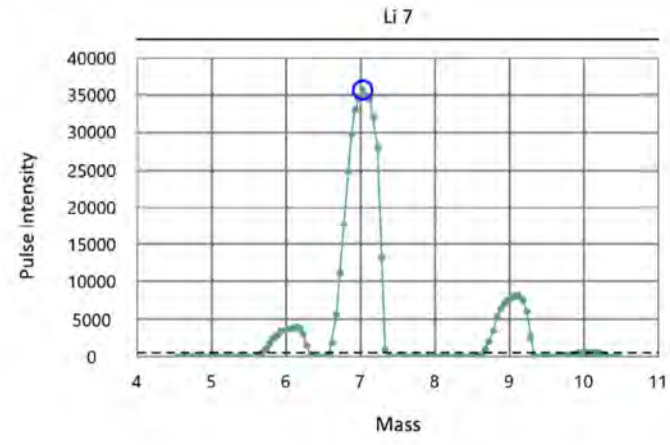
End Time: 12/27/2021 8:53:26 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.702)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.712)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.690)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.732)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.727)

Acq. Date/Time: 12/28/2021 8:11:36 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1329	2022	0.702	
Mg	23.985	23.975	4708	2023	0.712	
In	114.904	114.925	22856	2041	0.690	
Pb	207.977	207.975	41418	2060	0.732	
U	238.05	238.075	47421	2067	0.727	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/28/2021 8:25:59 AM

End Time: 12/28/2021 8:28:21 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10447.82

Obtained Intensity (Mg 24): 36319.45

Obtained Intensity (In 115): 70416.28

Obtained Intensity (U 238): 59389.41

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.020 (=1288.46 / 63565.53)

Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=867.63 / 63565.53)

Obtained RSD (Be 9): 0.0151

Obtained RSD (Mg 24): 0.0119

Obtained RSD (In 115): 0.0147

Obtained RSD (U 238): 0.0135

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/28/2021 8:25:59 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10447.82
Obtained Intensity (Mg 24): 36319.45
Obtained Intensity (In 115): 70416.28
Obtained Intensity (U 238): 59389.41
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.020 (=1288.46 / 63565.53)
Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=867.63 / 63565.53)
Obtained RSD (Be 9): 0.0151
Obtained RSD (Mg 24): 0.0119
Obtained RSD (In 115): 0.0147
Obtained RSD (U 238): 0.0135

[Passed] Optimum value(s): N/A

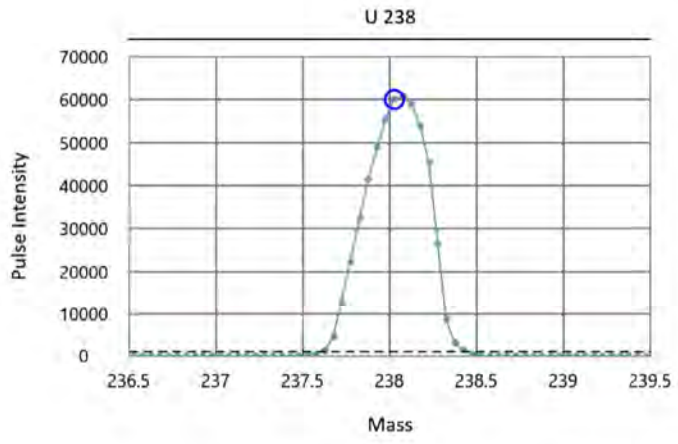
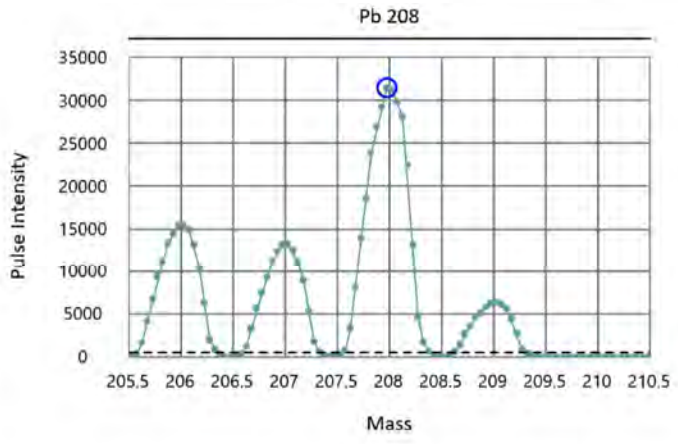
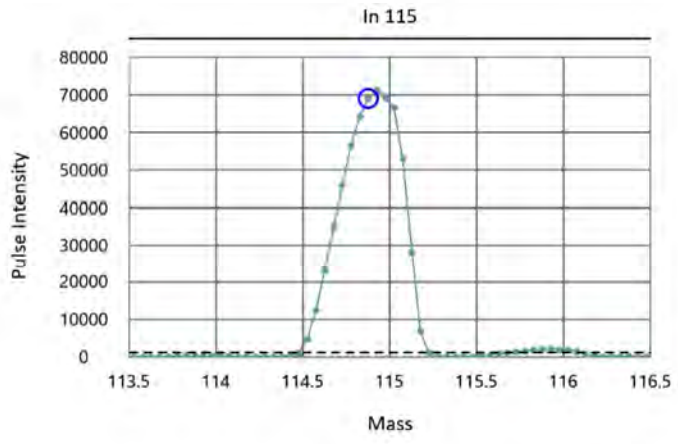
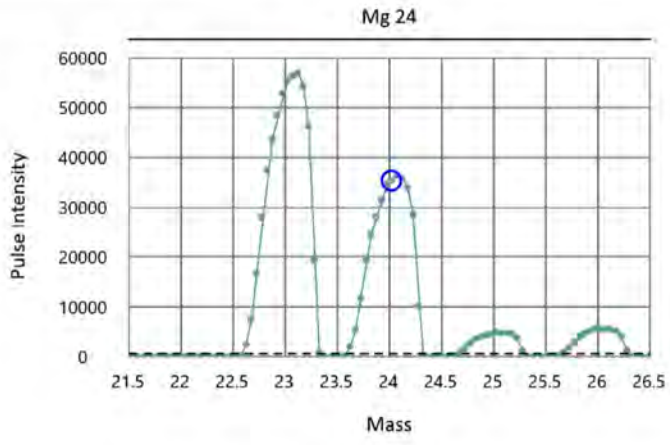
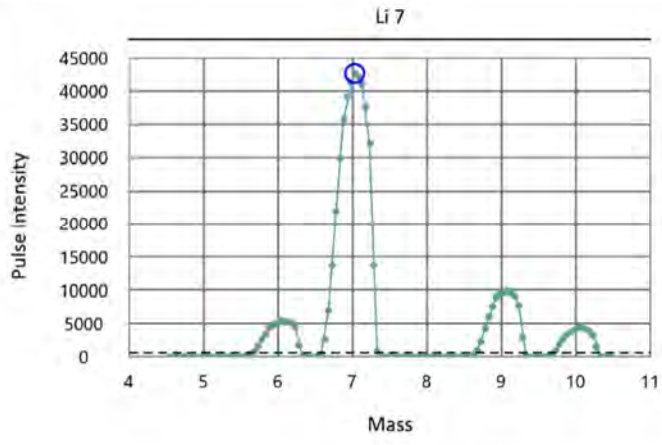
End Time: 12/28/2021 8:28:21 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.706)
 Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.702)
 Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.696)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.746)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.729)

Acq. Date/Time: 12/29/2021 7:54:13 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1330	2022	0.706	
Mg	23.985	24.025	4715	2023	0.702	
In	114.904	114.875	22850	2041	0.696	
Pb	207.977	207.975	41417	2060	0.746	
U	238.05	238.025	47416	2067	0.729	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Full.swz

Start Time: 12/29/2021 8:04:29 AM

End Time: 12/29/2021 8:06:52 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10268.42

Obtained Intensity (Mg 24): 36453.59

Obtained Intensity (In 115): 63699.54

Obtained Intensity (U 238): 55776.02

Obtained Intensity (Bkgd 220): 0.00

Obtained Formula (CeO 156 / Ce 140): 0.023 (=1168.58 / 51717.92)

Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=738.89 / 51717.92)

Obtained RSD (Be 9): 0.0149

Obtained RSD (Mg 24): 0.0061

Obtained RSD (In 115): 0.0179

Obtained RSD (U 238): 0.0146

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Full.swz

Optimization Status

Start Time: 12/29/2021 8:04:29 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily PerformanceA.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10268.42
Obtained Intensity (Mg 24): 36453.59
Obtained Intensity (In 115): 63699.54
Obtained Intensity (U 238): 55776.02
Obtained Intensity (Bkgd 220): 0.00
Obtained Formula (CeO 156 / Ce 140): 0.023 (=1168.58 / 51717.92)
Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=738.89 / 51717.92)
Obtained RSD (Be 9): 0.0149
Obtained RSD (Mg 24): 0.0061
Obtained RSD (In 115): 0.0179
Obtained RSD (U 238): 0.0146

[Passed] Optimum value(s): N/A

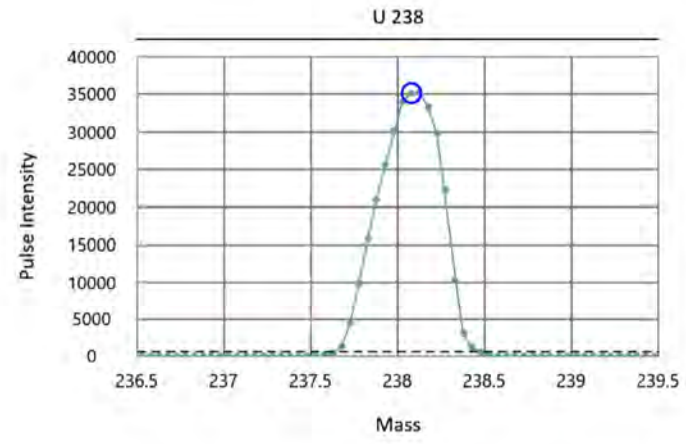
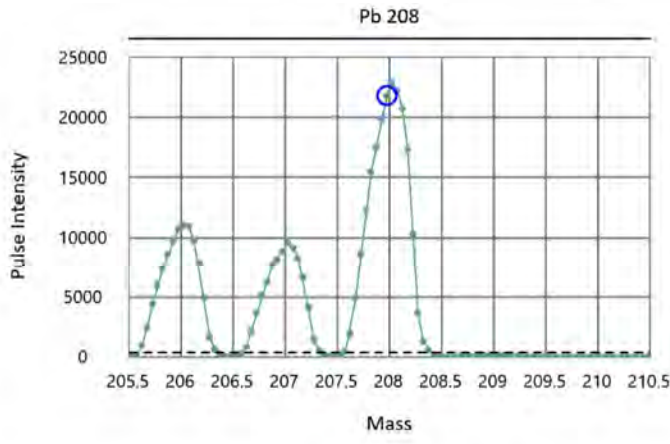
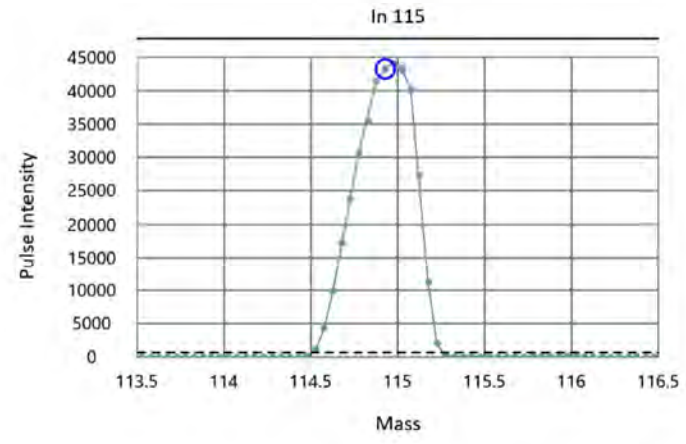
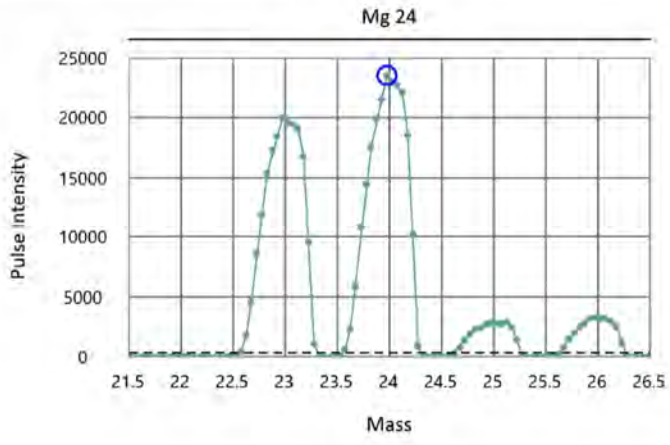
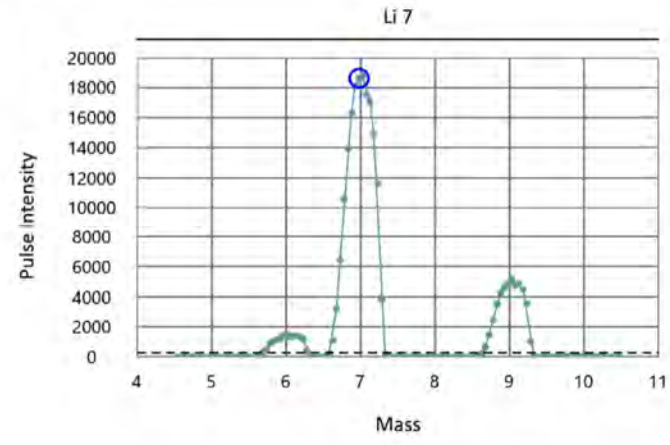
End Time: 12/29/2021 8:06:52 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/6.975), Target/Obtained resolution (0.7/0.699)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.684)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.683)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.744)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.729)

Acq. Date/Time: 12/30/2021 9:51:17 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	6.975	1322	2022	0.699	
Mg	23.985	23.975	4713	2023	0.684	
In	114.904	114.925	22854	2041	0.683	
Pb	207.977	207.975	41416	2060	0.744	
U	238.05	238.075	47420	2067	0.729	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/30/2021 10:03:30 AM

End Time: 12/30/2021 10:05:52 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 5943.97

Obtained Intensity (Mg 24): 22348.54

Obtained Intensity (In 115): 44424.58

Obtained Intensity (U 238): 36922.32

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.015 (=682.42 / 44174.73)

Obtained Formula (Ce++ 70 / Ce 140): 0.007 (=307.47 / 44174.73)

Obtained RSD (Be 9): 0.0101

Obtained RSD (Mg 24): 0.0107

Obtained RSD (In 115): 0.0177

Obtained RSD (U 238): 0.0071

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/30/2021 10:03:30 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 5943.97
Obtained Intensity (Mg 24): 22348.54
Obtained Intensity (In 115): 44424.58
Obtained Intensity (U 238): 36922.32
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.015 (=682.42 / 44174.73)
Obtained Formula (Ce++ 70 / Ce 140): 0.007 (=307.47 / 44174.73)
Obtained RSD (Be 9): 0.0101
Obtained RSD (Mg 24): 0.0107
Obtained RSD (In 115): 0.0177
Obtained RSD (U 238): 0.0071

[Passed] Optimum value(s): N/A

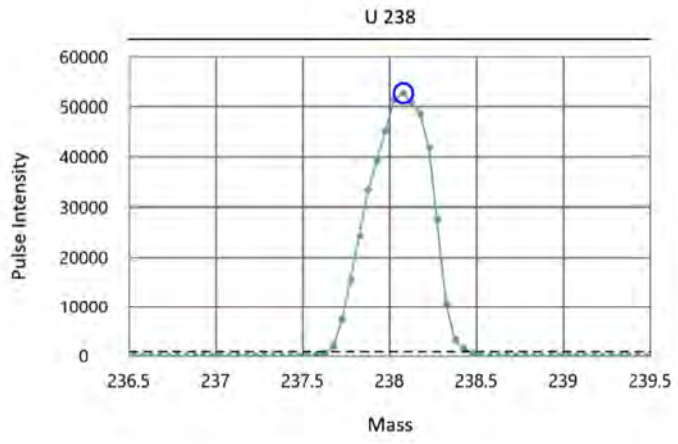
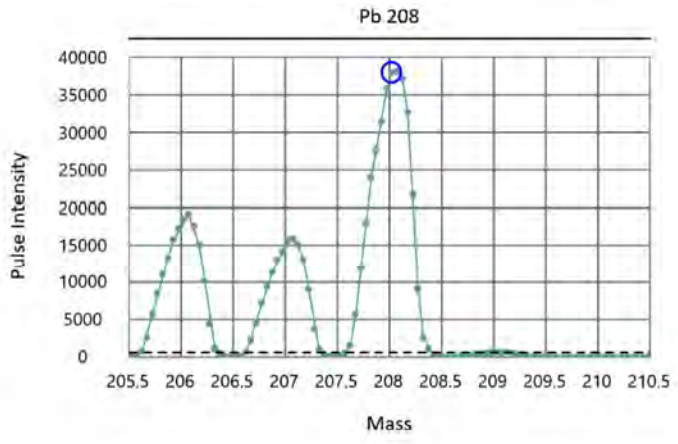
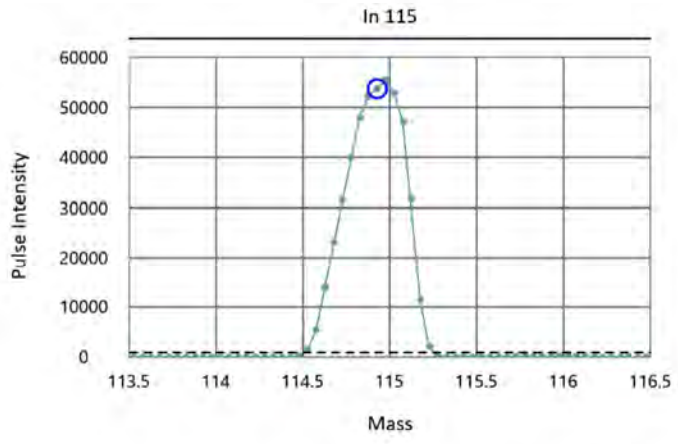
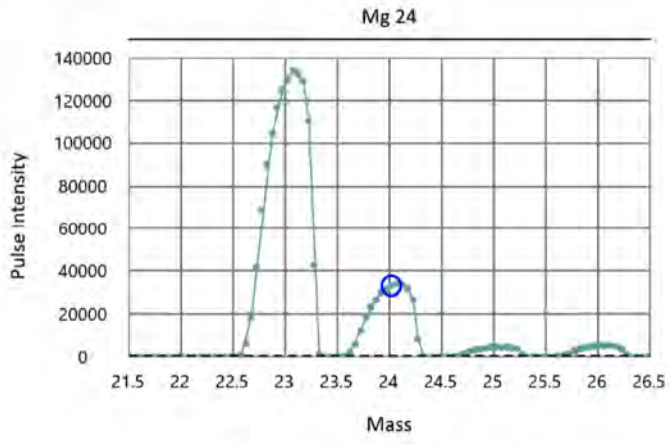
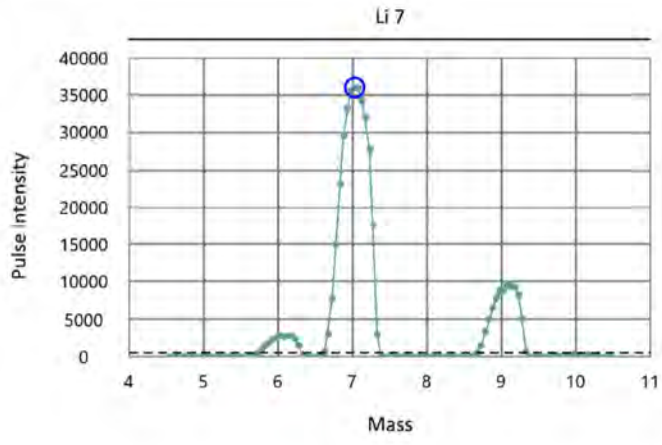
End Time: 12/30/2021 10:05:52 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.697)
 Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.704)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.682)
 Target/Obtained mass (207.977/208.025), Target/Obtained resolution (0.7/0.720)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.714)

Acq. Date/Time: 1/4/2022 9:25:30 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1325	2022	0.697	
Mg	23.985	24.025	4716	2023	0.704	
In	114.904	114.925	22856	2041	0.682	
Pb	207.977	208.025	41423	2060	0.720	
U	238.05	238.075	47423	2067	0.714	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/4/2022 9:40:02 AM

End Time: 1/4/2022 9:42:21 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10675.19

Obtained Intensity (Mg 24): 39169.63

Obtained Intensity (In 115): 64946.07

Obtained Intensity (U 238): 52950.44

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.025 (=1438.47 / 56598.70)

Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=842.69 / 56598.70)

Obtained RSD (Be 9): 0.0134

Obtained RSD (Mg 24): 0.0099

Obtained RSD (In 115): 0.0197

Obtained RSD (U 238): 0.0175

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/4/2022 9:40:02 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10675.19
Obtained Intensity (Mg 24): 39169.63
Obtained Intensity (In 115): 64946.07
Obtained Intensity (U 238): 52950.44
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.025 (=1438.47 / 56598.70)
Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=842.69 / 56598.70)
Obtained RSD (Be 9): 0.0134
Obtained RSD (Mg 24): 0.0099
Obtained RSD (In 115): 0.0197
Obtained RSD (U 238): 0.0175

[Passed] Optimum value(s): N/A

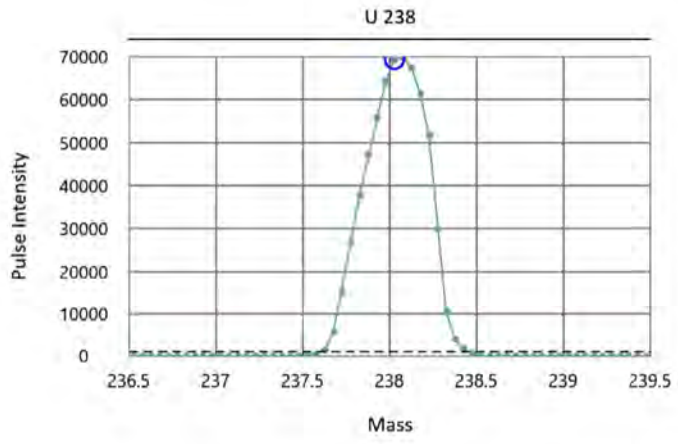
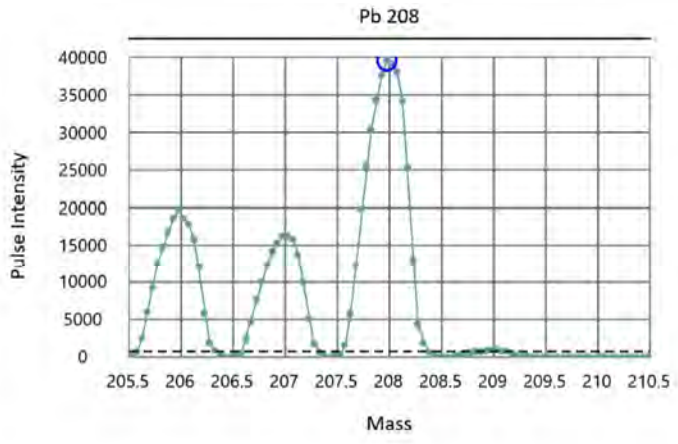
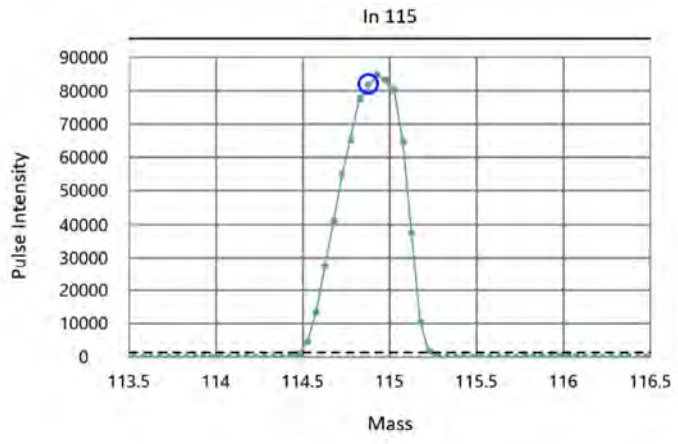
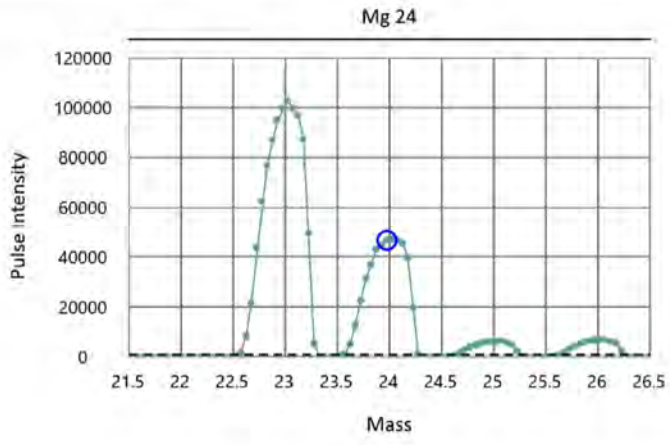
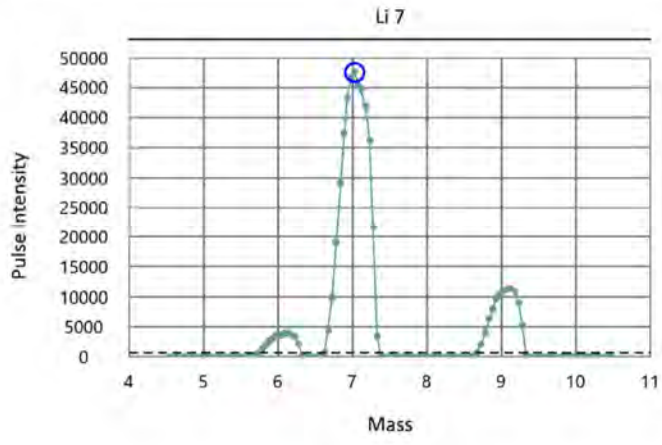
End Time: 1/4/2022 9:42:21 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.694)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.687)
 Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.694)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.742)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.738)

Acq. Date/Time: 1/5/2022 8:28:51 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1326	2022	0.694	
Mg	23.985	23.975	4714	2023	0.687	
In	114.904	114.875	22850	2041	0.694	
Pb	207.977	207.975	41422	2060	0.742	
U	238.05	238.025	47418	2067	0.738	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/5/2022 8:39:56 AM

End Time: 1/5/2022 8:42:16 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 11478.68

Obtained Intensity (Mg 24): 44044.07

Obtained Intensity (In 115): 75889.36

Obtained Intensity (U 238): 65007.79

Obtained Intensity (Bkgd 220): 0.13

Obtained Formula (CeO 156 / Ce 140): 0.022 (=1574.62 / 73230.96)

Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=848.49 / 73230.96)

Obtained RSD (Be 9): 0.0142

Obtained RSD (Mg 24): 0.0140

Obtained RSD (In 115): 0.0187

Obtained RSD (U 238): 0.0125

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/5/2022 8:39:56 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 11478.68
Obtained Intensity (Mg 24): 44044.07
Obtained Intensity (In 115): 75889.36
Obtained Intensity (U 238): 65007.79
Obtained Intensity (Bkgd 220): 0.13
Obtained Formula (CeO 156 / Ce 140): 0.022 (=1574.62 / 73230.96)
Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=848.49 / 73230.96)
Obtained RSD (Be 9): 0.0142
Obtained RSD (Mg 24): 0.0140
Obtained RSD (In 115): 0.0187
Obtained RSD (U 238): 0.0125

[Passed] Optimum value(s): N/A

End Time: 1/5/2022 8:42:16 AM



3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Shannon & Wilson

Meg Strong
400 N. 34th Street, Suite 100
Seattle, WA 98103

RE: 8801- Remediaton
Work Order Number: 2112301

February 04, 2022

Attention Meg Strong:

Fremont Analytical, Inc. received 63 sample(s) on 12/16/2021 for the analyses presented in the following report.

Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Revision v4

www.fremontanalytical.com

CLIENT: Shannon & Wilson
Project: 8801- Remediaton
Work Order: 2112301

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2112301-001	A4-SIDE79:2	12/16/2021 9:34 AM	12/16/2021 5:15 PM
2112301-002	A4-SIDE79:5	12/16/2021 9:38 AM	12/16/2021 5:15 PM
2112301-003	A4-SIDE79:6	12/16/2021 9:39 AM	12/16/2021 5:15 PM
2112301-004	A4-SIDE79:7	12/16/2021 9:41 AM	12/16/2021 5:15 PM
2112301-005	A4-SIDE79:8	12/16/2021 9:42 AM	12/16/2021 5:15 PM
2112301-006	A4-SIDE79:9	12/16/2021 9:43 AM	12/16/2021 5:15 PM
2112301-007	A4-SIDE79:10	12/16/2021 9:46 AM	12/16/2021 5:15 PM
2112301-008	A4-SIDE79:11	12/16/2021 9:47 AM	12/16/2021 5:15 PM
2112301-009	A4-SIDE79:12	12/16/2021 9:48 AM	12/16/2021 5:15 PM
2112301-010	A4-SIDE79:13	12/16/2021 9:53 AM	12/16/2021 5:15 PM
2112301-011	A4-SIDE206:2	12/16/2021 1:00 PM	12/16/2021 5:15 PM
2112301-012	A4-SIDE79:14	12/16/2021 9:56 AM	12/16/2021 5:15 PM
2112301-013	A4-SIDE79:15	12/16/2021 9:57 AM	12/16/2021 5:15 PM
2112301-014	A4-SIDE80:1.5	12/16/2021 10:09 AM	12/16/2021 5:15 PM
2112301-015	A4-SIDE80:5	12/16/2021 10:18 AM	12/16/2021 5:15 PM
2112301-016	A4-SIDE80:6	12/16/2021 10:19 AM	12/16/2021 5:15 PM
2112301-017	A4-SIDE80:7	12/16/2021 10:37 AM	12/16/2021 5:15 PM
2112301-018	A4-SIDE80:8	12/16/2021 10:38 AM	12/16/2021 5:15 PM
2112301-019	A4-SIDE80:9	12/16/2021 10:39 AM	12/16/2021 5:15 PM
2112301-020	A4-SIDE80:10	12/16/2021 10:42 AM	12/16/2021 5:15 PM
2112301-021	A4-SIDE207:1.5	12/16/2021 1:01 PM	12/16/2021 5:15 PM
2112301-022	A4-SIDE80:11	12/16/2021 10:43 AM	12/16/2021 5:15 PM
2112301-023	A4-SIDE80:12	12/16/2021 10:44 AM	12/16/2021 5:15 PM
2112301-024	A4-SIDE80:13	12/16/2021 10:49 AM	12/16/2021 5:15 PM
2112301-025	A4-SIDE80:14	12/16/2021 10:50 AM	12/16/2021 5:15 PM
2112301-026	A4-SIDE80:15	12/16/2021 10:51 AM	12/16/2021 5:15 PM
2112301-027	A4-SIDE81:2	12/16/2021 10:55 AM	12/16/2021 5:15 PM
2112301-028	A4-SIDE81:6	12/16/2021 10:56 AM	12/16/2021 5:15 PM
2112301-029	A4-SIDE82:1.5	12/16/2021 11:20 AM	12/16/2021 5:15 PM
2112301-030	A4-SIDE82:7	12/16/2021 11:29 AM	12/16/2021 5:15 PM
2112301-031	A4-SIDE82:8	12/16/2021 11:30 AM	12/16/2021 5:15 PM
2112301-032	A4-SIDE82:9	12/16/2021 11:30 AM	12/16/2021 5:15 PM
2112301-033	A4-SIDE82:10	12/16/2021 11:35 AM	12/16/2021 5:15 PM
2112301-034	A4-SIDE82:11	12/16/2021 11:36 AM	12/16/2021 5:15 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson
Project: 8801- Remediaton
Work Order: 2112301

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2112301-035	A4-SIDE82:12	12/16/2021 11:37 AM	12/16/2021 5:15 PM
2112301-036	A4-SIDE82:13	12/16/2021 11:40 AM	12/16/2021 5:15 PM
2112301-037	A4-SIDE82:14	12/16/2021 11:41 AM	12/16/2021 5:15 PM
2112301-038	A4-SIDE82:15	12/16/2021 11:42 AM	12/16/2021 5:15 PM
2112301-039	A4-SIDE208:1.5	12/16/2021 3:02 PM	12/16/2021 5:15 PM
2112301-040	A4-SIDE83:3	12/16/2021 12:59 PM	12/16/2021 5:15 PM
2112301-041	A4-SIDE209:3	12/16/2021 1:03 PM	12/16/2021 5:15 PM
2112301-042	A4-SIDE83:4	12/16/2021 1:02 PM	12/16/2021 5:15 PM
2112301-043	A4-SIDE83:6	12/16/2021 1:08 PM	12/16/2021 5:15 PM
2112301-044	A4-SIDE83:7	12/16/2021 1:09 PM	12/16/2021 5:15 PM
2112301-045	A4-SIDE83:10	12/16/2021 1:15 PM	12/16/2021 5:15 PM
2112301-046	A4-SIDE83:13	12/16/2021 1:21 PM	12/16/2021 5:15 PM
2112301-047	A4-SIDE83:14	12/16/2021 1:22 PM	12/16/2021 5:15 PM
2112301-049	A4-SIDE83:12	12/16/2021 1:20 PM	12/16/2021 5:15 PM
2112301-050	A4-SIDE84:3	12/16/2021 1:40 PM	12/16/2021 5:15 PM
2112301-051	A4-SIDE85:1.5	12/16/2021 1:59 PM	12/16/2021 5:15 PM
2112301-052	A4-SIDE86:1.5	12/16/2021 2:15 PM	12/16/2021 5:15 PM
2112301-053	A4-SIDE86:7	12/16/2021 2:17 PM	12/16/2021 5:15 PM
2112301-054	A4-SIDE86:8	12/16/2021 2:28 PM	12/16/2021 5:15 PM
2112301-055	A4-SIDE86:9	12/16/2021 2:29 PM	12/16/2021 5:15 PM
2112301-056	A4-SIDE86:10	12/16/2021 2:31 PM	12/16/2021 5:15 PM
2112301-057	A4-SIDE210:1.5	12/16/2021 1:04 PM	12/16/2021 5:15 PM
2112301-058	A4-SIDE86:11	12/16/2021 2:32 PM	12/16/2021 5:15 PM
2112301-059	A4-SIDE86:12	12/16/2021 2:33 PM	12/16/2021 5:15 PM
2112301-060	A4-SIDE86:13	12/16/2021 2:30 PM	12/16/2021 5:15 PM
2112301-061	A4-SIDE86:14	12/16/2021 1:39 PM	12/16/2021 5:15 PM
2112301-062	A4-SIDE86:15	12/16/2021 2:40 PM	12/16/2021 5:15 PM
2112301-063	A4-SIDE87:2	12/16/2021 3:00 PM	12/16/2021 5:15 PM
2112301-064	A4-SIDE87:6.5	12/16/2021 3:10 PM	12/16/2021 5:15 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson

Project: 8801- Remediaton

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2112301-001A-005, 014-015, 027-031, 040, 043, 050, 052-053, 057 063-064) required Acid Cleanup Procedure (Using Method No 3665A).

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2112301-001A-005, 014-015, 027-031, 040, 043, 050, 052-053, 057 063-064) required Florisil Cleanup Procedure (Using Method No 3620C).

3/10/2022: Revision 4 includes level 2b data validation package.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Client: Shannon & Wilson

Collection Date: 12/16/2021 9:34:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-001

Matrix: Soil

Client Sample ID: A4-SIDE79:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0531	0.00856		mg/Kg-dry	1	12/30/21 17:11:28
Aroclor 1221	ND	0.0531	0.00856		mg/Kg-dry	1	12/30/21 17:11:28
Aroclor 1232	ND	0.0531	0.00856		mg/Kg-dry	1	12/30/21 17:11:28
Aroclor 1242	ND	0.0531	0.00856		mg/Kg-dry	1	12/30/21 17:11:28
Aroclor 1248	ND	0.0531	0.0106		mg/Kg-dry	1	12/30/21 17:11:28
Aroclor 1254	0.535	0.0531	0.0106		mg/Kg-dry	1	12/30/21 17:11:28
Aroclor 1260	ND	0.0531	0.0106		mg/Kg-dry	1	12/30/21 17:11:28
Aroclor 1262	ND	0.0531	0.0106		mg/Kg-dry	1	12/30/21 17:11:28
Aroclor 1268	ND	0.0531	0.0106		mg/Kg-dry	1	12/30/21 17:11:28
Total PCBs	0.535	0.0531	0.0106		mg/Kg-dry	1	12/30/21 17:11:28
Surr: Decachlorobiphenyl	148	25.9 - 167			%Rec	1	12/30/21 17:11:28
Surr: Tetrachloro-m-xylene	160	31.3 - 173			%Rec	1	12/30/21 17:11:28

Total Metals by EPA Method 6020B

Batch ID: 34899

Analyst: EH

Copper	1,110	7.93	1.48	D	mg/Kg-dry	10	12/31/21 10:36:28
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	11.2	0.500	0.100		wt%	1	12/30/21 9:48:04
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 9:38:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-002

Matrix: Soil

Client Sample ID: A4-SIDE79:5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0539	0.00868		mg/Kg-dry	1	12/30/21 17:21:18
Aroclor 1221	ND	0.0539	0.00868		mg/Kg-dry	1	12/30/21 17:21:18
Aroclor 1232	ND	0.0539	0.00868		mg/Kg-dry	1	12/30/21 17:21:18
Aroclor 1242	ND	0.0539	0.00868		mg/Kg-dry	1	12/30/21 17:21:18
Aroclor 1248	ND	0.0539	0.0107		mg/Kg-dry	1	12/30/21 17:21:18
Aroclor 1254	0.346	0.0539	0.0107		mg/Kg-dry	1	12/30/21 17:21:18
Aroclor 1260	ND	0.0539	0.0107		mg/Kg-dry	1	12/30/21 17:21:18
Aroclor 1262	ND	0.0539	0.0107		mg/Kg-dry	1	12/30/21 17:21:18
Aroclor 1268	ND	0.0539	0.0107		mg/Kg-dry	1	12/30/21 17:21:18
Total PCBs	0.346	0.0539	0.0107		mg/Kg-dry	1	12/30/21 17:21:18
Surr: Decachlorobiphenyl	110	25.9 - 167			%Rec	1	12/30/21 17:21:18
Surr: Tetrachloro-m-xylene	125	31.3 - 173			%Rec	1	12/30/21 17:21:18

Total Metals by EPA Method 6020B

Batch ID: 34899

Analyst: EH

Copper	472	8.34	1.56	D	mg/Kg-dry	10	12/31/21 10:39:07
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	10.6	0.500	0.100		wt%	1	12/30/21 9:48:04
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 9:39:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-003

Matrix: Soil

Client Sample ID: A4-SIDE79:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34931

Analyst: SB

Aroclor 1016	ND	0.0547	0.00881		mg/Kg-dry	1	01/05/22 13:41:14
Aroclor 1221	ND	0.0547	0.00881		mg/Kg-dry	1	01/05/22 13:41:14
Aroclor 1232	ND	0.0547	0.00881		mg/Kg-dry	1	01/05/22 13:41:14
Aroclor 1242	ND	0.0547	0.00881		mg/Kg-dry	1	01/05/22 13:41:14
Aroclor 1248	ND	0.0547	0.0109		mg/Kg-dry	1	01/05/22 13:41:14
Aroclor 1254	0.475	0.0547	0.0109		mg/Kg-dry	1	01/05/22 13:41:14
Aroclor 1260	ND	0.0547	0.0109		mg/Kg-dry	1	01/05/22 13:41:14
Aroclor 1262	ND	0.0547	0.0109		mg/Kg-dry	1	01/05/22 13:41:14
Aroclor 1268	ND	0.0547	0.0109		mg/Kg-dry	1	01/05/22 13:41:14
Total PCBs	0.475	0.0547	0.0109		mg/Kg-dry	1	01/05/22 13:41:14
Surr: Decachlorobiphenyl	85.0	25.9 - 167			%Rec	1	01/05/22 13:41:14
Surr: Tetrachloro-m-xylene	125	31.3 - 173			%Rec	1	01/05/22 13:41:14

Total Metals by EPA Method 6020B

Batch ID: 34930

Analyst: EH

Copper	1,030	8.60	1.61		D mg/Kg-dry	10	01/05/22 13:06:57
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Sample Moisture (Percent Moisture)

Batch ID: R72333

Analyst: KJ

Percent Moisture	11.9	0.500	0.100		wt%	1	01/04/22 12:13:41
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 9:41:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-004

Matrix: Soil

Client Sample ID: A4-SIDE79:7

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34958

Analyst: SB

Aroclor 1016	ND	0.0582	0.00938		mg/Kg-dry	1	01/06/22 18:26:34
Aroclor 1221	ND	0.0582	0.00938		mg/Kg-dry	1	01/06/22 18:26:34
Aroclor 1232	ND	0.0582	0.00938		mg/Kg-dry	1	01/06/22 18:26:34
Aroclor 1242	ND	0.0582	0.00938		mg/Kg-dry	1	01/06/22 18:26:34
Aroclor 1248	ND	0.0582	0.0116		mg/Kg-dry	1	01/06/22 18:26:34
Aroclor 1254	0.0494	0.0582	0.0116	J	mg/Kg-dry	1	01/06/22 18:26:34
Aroclor 1260	ND	0.0582	0.0116		mg/Kg-dry	1	01/06/22 18:26:34
Aroclor 1262	ND	0.0582	0.0116		mg/Kg-dry	1	01/06/22 18:26:34
Aroclor 1268	ND	0.0582	0.0116		mg/Kg-dry	1	01/06/22 18:26:34
Total PCBs	0.0494	0.0582	0.0116	J	mg/Kg-dry	1	01/06/22 18:26:34
Surr: Decachlorobiphenyl	27.2	25.9 - 167			%Rec	1	01/06/22 18:26:34
Surr: Tetrachloro-m-xylene	33.0	31.3 - 173			%Rec	1	01/06/22 18:26:34

Total Metals by EPA Method 6020B

Batch ID: 34966

Analyst: EH

Copper	461	9.95	1.86	D	mg/Kg-dry	10	01/07/22 13:10:57
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Sample Moisture (Percent Moisture)

Batch ID: R72398

Analyst: CB

Percent Moisture	18.9	0.500	0.100		wt%	1	01/06/22 13:49:41
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 9:42:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-005

Matrix: Soil

Client Sample ID: A4-SIDE79:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34986

Analyst: SB

Aroclor 1016	ND	0.0631	0.0102		mg/Kg-dry	1	01/10/22 16:34:31
Aroclor 1221	ND	0.0631	0.0102		mg/Kg-dry	1	01/10/22 16:34:31
Aroclor 1232	ND	0.0631	0.0102		mg/Kg-dry	1	01/10/22 16:34:31
Aroclor 1242	ND	0.0631	0.0102		mg/Kg-dry	1	01/10/22 16:34:31
Aroclor 1248	ND	0.0631	0.0125		mg/Kg-dry	1	01/10/22 16:34:31
Aroclor 1254	0.0168	0.0631	0.0125	J	mg/Kg-dry	1	01/10/22 16:34:31
Aroclor 1260	ND	0.0631	0.0125		mg/Kg-dry	1	01/10/22 16:34:31
Aroclor 1262	ND	0.0631	0.0125		mg/Kg-dry	1	01/10/22 16:34:31
Aroclor 1268	ND	0.0631	0.0125		mg/Kg-dry	1	01/10/22 16:34:31
Total PCBs	0.0168	0.0631	0.0125	J	mg/Kg-dry	1	01/10/22 16:34:31
Surr: Decachlorobiphenyl	36.3	25.9 - 167			%Rec	1	01/10/22 16:34:31
Surr: Tetrachloro-m-xylene	56.1	31.3 - 173			%Rec	1	01/10/22 16:34:31

Total Metals by EPA Method 6020B

Batch ID: 34980

Analyst: EH

Copper	166	10.3	1.93	D	mg/Kg-dry	10	01/11/22 14:00:34
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Sample Moisture (Percent Moisture)

Batch ID: R72447

Analyst: CB

Percent Moisture	22.9	0.500	0.100		wt%	1	01/10/22 10:56:33
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Client: Shannon & Wilson

Collection Date: 12/16/2021 10:09:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-014

Matrix: Soil

Client Sample ID: A4-SIDE80:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34931

Analyst: SB

Aroclor 1016	ND	0.0564	0.00908		mg/Kg-dry	1	01/05/22 14:10:32
Aroclor 1221	ND	0.0564	0.00908		mg/Kg-dry	1	01/05/22 14:10:32
Aroclor 1232	ND	0.0564	0.00908		mg/Kg-dry	1	01/05/22 14:10:32
Aroclor 1242	ND	0.0564	0.00908		mg/Kg-dry	1	01/05/22 14:10:32
Aroclor 1248	ND	0.0564	0.0112		mg/Kg-dry	1	01/05/22 14:10:32
Aroclor 1254	0.244	0.0564	0.0112		mg/Kg-dry	1	01/05/22 14:10:32
Aroclor 1260	ND	0.0564	0.0112		mg/Kg-dry	1	01/05/22 14:10:32
Aroclor 1262	ND	0.0564	0.0112		mg/Kg-dry	1	01/05/22 14:10:32
Aroclor 1268	ND	0.0564	0.0112		mg/Kg-dry	1	01/05/22 14:10:32
Total PCBs	0.244	0.0564	0.0112		mg/Kg-dry	1	01/05/22 14:10:32
Surr: Decachlorobiphenyl	98.3	25.9 - 167			%Rec	1	01/05/22 14:10:32
Surr: Tetrachloro-m-xylene	106	31.3 - 173			%Rec	1	01/05/22 14:10:32

Total Metals by EPA Method 6020B

Batch ID: 34930

Analyst: EH

Copper	782	8.47	1.59	D	mg/Kg-dry	10	01/05/22 13:15:45
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Sample Moisture (Percent Moisture)

Batch ID: R72333

Analyst: KJ

Percent Moisture	11.9	0.500	0.100		wt%	1	01/04/22 12:13:41
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 10:18:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-015

Matrix: Soil

Client Sample ID: A4-SIDE80:5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34931

Analyst: SB

Aroclor 1016	ND	0.0625	0.0101		mg/Kg-dry	1	01/05/22 14:20:18
Aroclor 1221	ND	0.0625	0.0101		mg/Kg-dry	1	01/05/22 14:20:18
Aroclor 1232	ND	0.0625	0.0101		mg/Kg-dry	1	01/05/22 14:20:18
Aroclor 1242	ND	0.0625	0.0101		mg/Kg-dry	1	01/05/22 14:20:18
Aroclor 1248	ND	0.0625	0.0124		mg/Kg-dry	1	01/05/22 14:20:18
Aroclor 1254	0.434	0.0625	0.0124		mg/Kg-dry	1	01/05/22 14:20:18
Aroclor 1260	ND	0.0625	0.0124		mg/Kg-dry	1	01/05/22 14:20:18
Aroclor 1262	ND	0.0625	0.0124		mg/Kg-dry	1	01/05/22 14:20:18
Aroclor 1268	ND	0.0625	0.0124		mg/Kg-dry	1	01/05/22 14:20:18
Total PCBs	0.434	0.0625	0.0124		mg/Kg-dry	1	01/05/22 14:20:18
Surr: Decachlorobiphenyl	41.0	25.9 - 167			%Rec	1	01/05/22 14:20:18
Surr: Tetrachloro-m-xylene	37.3	31.3 - 173			%Rec	1	01/05/22 14:20:18

Total Metals by EPA Method 6020B

Batch ID: 34930

Analyst: EH

Copper	914	10.0	1.88	D	mg/Kg-dry	10	01/05/22 14:20:13
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Sample Moisture (Percent Moisture)

Batch ID: R72333

Analyst: KJ

Percent Moisture	25.7	0.500	0.100		wt%	1	01/04/22 12:13:41
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Client: Shannon & Wilson

Collection Date: 12/16/2021 10:55:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-027

Matrix: Soil

Client Sample ID: A4-SIDE81:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34931

Analyst: SB

Aroclor 1016	ND	0.0551	0.00888		mg/Kg-dry	1	01/05/22 14:30:03
Aroclor 1221	ND	0.0551	0.00888		mg/Kg-dry	1	01/05/22 14:30:03
Aroclor 1232	ND	0.0551	0.00888		mg/Kg-dry	1	01/05/22 14:30:03
Aroclor 1242	ND	0.0551	0.00888		mg/Kg-dry	1	01/05/22 14:30:03
Aroclor 1248	ND	0.0551	0.0110		mg/Kg-dry	1	01/05/22 14:30:03
Aroclor 1254	2.88	0.551	0.110	D	mg/Kg-dry	10	01/05/22 16:10:58
Aroclor 1260	ND	0.0551	0.0110		mg/Kg-dry	1	01/05/22 14:30:03
Aroclor 1262	ND	0.0551	0.0110		mg/Kg-dry	1	01/05/22 14:30:03
Aroclor 1268	ND	0.0551	0.0110		mg/Kg-dry	1	01/05/22 14:30:03
Total PCBs	2.88	0.551	0.110	D	mg/Kg-dry	10	01/05/22 16:10:58
Surr: Decachlorobiphenyl	104	25.9 - 167			%Rec	1	01/05/22 14:30:03
Surr: Tetrachloro-m-xylene	132	31.3 - 173			%Rec	1	01/05/22 14:30:03

Total Metals by EPA Method 6020B

Batch ID: 34930

Analyst: EH

Copper	825	7.91	1.48	D	mg/Kg-dry	10	01/05/22 13:24:45
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Sample Moisture (Percent Moisture)

Batch ID: R72333

Analyst: KJ

Percent Moisture	9.71	0.500	0.100		wt%	1	01/04/22 12:13:41
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 10:56:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-028

Matrix: Soil

Client Sample ID: A4-SIDE81:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34931

Analyst: SB

Aroclor 1016	ND	0.0527	0.00850		mg/Kg-dry	1	01/05/22 14:39:50
Aroclor 1221	ND	0.0527	0.00850		mg/Kg-dry	1	01/05/22 14:39:50
Aroclor 1232	ND	0.0527	0.00850		mg/Kg-dry	1	01/05/22 14:39:50
Aroclor 1242	ND	0.0527	0.00850		mg/Kg-dry	1	01/05/22 14:39:50
Aroclor 1248	ND	0.0527	0.0105		mg/Kg-dry	1	01/05/22 14:39:50
Aroclor 1254	1.06	0.0527	0.0105		mg/Kg-dry	1	01/05/22 14:39:50
Aroclor 1260	ND	0.0527	0.0105		mg/Kg-dry	1	01/05/22 14:39:50
Aroclor 1262	ND	0.0527	0.0105		mg/Kg-dry	1	01/05/22 14:39:50
Aroclor 1268	ND	0.0527	0.0105		mg/Kg-dry	1	01/05/22 14:39:50
Total PCBs	1.06	0.0527	0.0105		mg/Kg-dry	1	01/05/22 14:39:50
Surr: Decachlorobiphenyl	92.9	25.9 - 167			%Rec	1	01/05/22 14:39:50
Surr: Tetrachloro-m-xylene	133	31.3 - 173			%Rec	1	01/05/22 14:39:50

Total Metals by EPA Method 6020B

Batch ID: 34930

Analyst: EH

Copper	658	8.16	1.53	D	mg/Kg-dry	10	01/05/22 13:27:24
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Sample Moisture (Percent Moisture)

Batch ID: R72333

Analyst: KJ

Percent Moisture	14.3	0.500	0.100		wt%	1	01/04/22 12:13:41
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 11:20:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-029

Matrix: Soil

Client Sample ID: A4-SIDE82:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34947

Analyst: SB

Aroclor 1016	ND	0.0563	0.00907		mg/Kg-dry	1	01/05/22 17:48:36
Aroclor 1221	ND	0.0563	0.00907		mg/Kg-dry	1	01/05/22 17:48:36
Aroclor 1232	ND	0.0563	0.00907		mg/Kg-dry	1	01/05/22 17:48:36
Aroclor 1242	ND	0.0563	0.00907		mg/Kg-dry	1	01/05/22 17:48:36
Aroclor 1248	ND	0.0563	0.0112		mg/Kg-dry	1	01/05/22 17:48:36
Aroclor 1254	0.837	0.0563	0.0112		mg/Kg-dry	1	01/05/22 17:48:36
Aroclor 1260	ND	0.0563	0.0112		mg/Kg-dry	1	01/05/22 17:48:36
Aroclor 1262	ND	0.0563	0.0112		mg/Kg-dry	1	01/05/22 17:48:36
Aroclor 1268	ND	0.0563	0.0112		mg/Kg-dry	1	01/05/22 17:48:36
Total PCBs	0.837	0.0563	0.0112		mg/Kg-dry	1	01/05/22 17:48:36
Surr: Decachlorobiphenyl	61.2	25.9 - 167			%Rec	1	01/05/22 17:48:36
Surr: Tetrachloro-m-xylene	65.0	31.3 - 173			%Rec	1	01/05/22 17:48:36

Total Metals by EPA Method 6020B

Batch ID: 34949

Analyst: EH

Copper	3,550	85.0	15.9	D	mg/Kg-dry	100	01/07/22 11:28:28
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Sample Moisture (Percent Moisture)

Batch ID: R72350

Analyst: CB

Percent Moisture	12.2	0.500	0.100		wt%	1	01/05/22 10:47:56
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 11:29:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-030

Matrix: Soil

Client Sample ID: A4-SIDE82:7

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34947

Analyst: SB

Aroclor 1016	ND	0.0565	0.00910		mg/Kg-dry	1	01/05/22 17:58:20
Aroclor 1221	ND	0.0565	0.00910		mg/Kg-dry	1	01/05/22 17:58:20
Aroclor 1232	ND	0.0565	0.00910		mg/Kg-dry	1	01/05/22 17:58:20
Aroclor 1242	ND	0.0565	0.00910		mg/Kg-dry	1	01/05/22 17:58:20
Aroclor 1248	ND	0.0565	0.0112		mg/Kg-dry	1	01/05/22 17:58:20
Aroclor 1254	0.216	0.0565	0.0112		mg/Kg-dry	1	01/05/22 17:58:20
Aroclor 1260	ND	0.0565	0.0112		mg/Kg-dry	1	01/05/22 17:58:20
Aroclor 1262	ND	0.0565	0.0112		mg/Kg-dry	1	01/05/22 17:58:20
Aroclor 1268	ND	0.0565	0.0112		mg/Kg-dry	1	01/05/22 17:58:20
Total PCBs	0.216	0.0565	0.0112		mg/Kg-dry	1	01/05/22 17:58:20
Surr: Decachlorobiphenyl	47.5	25.9 - 167			%Rec	1	01/05/22 17:58:20
Surr: Tetrachloro-m-xylene	61.4	31.3 - 173			%Rec	1	01/05/22 17:58:20

Total Metals by EPA Method 6020B

Batch ID: 34949

Analyst: EH

Copper	1,390	10.1	1.89	D	mg/Kg-dry	10	01/06/22 12:59:40
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Sample Moisture (Percent Moisture)

Batch ID: R72350

Analyst: CB

Percent Moisture	20.3	0.500	0.100		wt%	1	01/05/22 10:47:56
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Client: Shannon & Wilson

Collection Date: 12/16/2021 11:30:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-031

Matrix: Soil

Client Sample ID: A4-SIDE82:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35102

Analyst: SB

Aroclor 1016	ND	0.0658	0.0106		mg/Kg-dry	1	01/21/22 11:32:40
Aroclor 1221	ND	0.0658	0.0106		mg/Kg-dry	1	01/21/22 11:32:40
Aroclor 1232	ND	0.0658	0.0106		mg/Kg-dry	1	01/21/22 11:32:40
Aroclor 1242	ND	0.0658	0.0106		mg/Kg-dry	1	01/21/22 11:32:40
Aroclor 1248	ND	0.0658	0.0131		mg/Kg-dry	1	01/21/22 11:32:40
Aroclor 1254	0.0740	0.0658	0.0131		mg/Kg-dry	1	01/21/22 11:32:40
Aroclor 1260	ND	0.0658	0.0131		mg/Kg-dry	1	01/21/22 11:32:40
Aroclor 1262	ND	0.0658	0.0131		mg/Kg-dry	1	01/21/22 11:32:40
Aroclor 1268	ND	0.0658	0.0131		mg/Kg-dry	1	01/21/22 11:32:40
Total PCBs	0.0740	0.0658	0.0131		mg/Kg-dry	1	01/21/22 11:32:40
Surr: Decachlorobiphenyl	48.6	25.9 - 167			%Rec	1	01/21/22 11:32:40
Surr: Tetrachloro-m-xylene	72.1	31.3 - 173			%Rec	1	01/21/22 11:32:40

Total Metals by EPA Method 6020B

Batch ID: 35082

Analyst: EH

Copper	334	10.9	2.05	D	mg/Kg-dry	10	01/20/22 13:53:22
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Sample Moisture (Percent Moisture)

Batch ID: R72637

Analyst: KJ

Percent Moisture	26.8	0.500	0.100		wt%	1	01/19/22 11:17:05
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Client: Shannon & Wilson

Collection Date: 12/16/2021 11:30:00 AM

Project: 8801- Remediaton

Lab ID: 2112301-032

Matrix: Soil

Client Sample ID: A4-SIDE82:9

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 35223		Analyst: EH	
Copper	292	10.1	1.89	D	mg/Kg-dry	10	02/03/22 16:12:54
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72957		Analyst: ALB	
Percent Moisture	24.9	0.500	0.100		wt%	1	02/02/22 10:26:24



Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 12:59:00 PM

Project: 8801- Remediaton

Lab ID: 2112301-040

Matrix: Soil

Client Sample ID: A4-SIDE83:3

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34986

Analyst: SB

Aroclor 1016	ND	0.0543	0.00874		mg/Kg-dry	1	01/10/22 16:05:09
Aroclor 1221	ND	0.0543	0.00874		mg/Kg-dry	1	01/10/22 16:05:09
Aroclor 1232	ND	0.0543	0.00874		mg/Kg-dry	1	01/10/22 16:05:09
Aroclor 1242	ND	0.0543	0.00874		mg/Kg-dry	1	01/10/22 16:05:09
Aroclor 1248	ND	0.0543	0.0108		mg/Kg-dry	1	01/10/22 16:05:09
Aroclor 1254	0.767	0.0543	0.0108		mg/Kg-dry	1	01/10/22 16:05:09
Aroclor 1260	ND	0.0543	0.0108		mg/Kg-dry	1	01/10/22 16:05:09
Aroclor 1262	ND	0.0543	0.0108		mg/Kg-dry	1	01/10/22 16:05:09
Aroclor 1268	ND	0.0543	0.0108		mg/Kg-dry	1	01/10/22 16:05:09
Total PCBs	0.767	0.0543	0.0108		mg/Kg-dry	1	01/10/22 16:05:09
Surr: Decachlorobiphenyl	66.9	25.9 - 167			%Rec	1	01/10/22 16:05:09
Surr: Tetrachloro-m-xylene	82.1	31.3 - 173			%Rec	1	01/10/22 16:05:09

Total Metals by EPA Method 6020B

Batch ID: 34980

Analyst: EH

Copper	1,120	8.89	1.66	D	mg/Kg-dry	10	01/11/22 14:03:13
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Sample Moisture (Percent Moisture)

Batch ID: R72447

Analyst: CB

Percent Moisture	11.4	0.500	0.100		wt%	1	01/10/22 10:56:33
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Client: Shannon & Wilson

Collection Date: 12/16/2021 1:08:00 PM

Project: 8801- Remediaton

Lab ID: 2112301-043

Matrix: Soil

Client Sample ID: A4-SIDE83:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34986

Analyst: SB

Aroclor 1016	ND	0.0551	0.00888		mg/Kg-dry	1	01/10/22 16:14:56
Aroclor 1221	ND	0.0551	0.00888		mg/Kg-dry	1	01/10/22 16:14:56
Aroclor 1232	ND	0.0551	0.00888		mg/Kg-dry	1	01/10/22 16:14:56
Aroclor 1242	ND	0.0551	0.00888		mg/Kg-dry	1	01/10/22 16:14:56
Aroclor 1248	ND	0.0551	0.0110		mg/Kg-dry	1	01/10/22 16:14:56
Aroclor 1254	0.781	0.0551	0.0110		mg/Kg-dry	1	01/10/22 16:14:56
Aroclor 1260	ND	0.0551	0.0110		mg/Kg-dry	1	01/10/22 16:14:56
Aroclor 1262	ND	0.0551	0.0110		mg/Kg-dry	1	01/10/22 16:14:56
Aroclor 1268	ND	0.0551	0.0110		mg/Kg-dry	1	01/10/22 16:14:56
Total PCBs	0.781	0.0551	0.0110		mg/Kg-dry	1	01/10/22 16:14:56
Surr: Decachlorobiphenyl	62.6	25.9 - 167			%Rec	1	01/10/22 16:14:56
Surr: Tetrachloro-m-xylene	79.6	31.3 - 173			%Rec	1	01/10/22 16:14:56

Total Metals by EPA Method 6020B

Batch ID: 34980

Analyst: EH

Copper	1,380	8.89	1.66	D	mg/Kg-dry	10	01/11/22 14:05:51
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Sample Moisture (Percent Moisture)

Batch ID: R72447

Analyst: CB

Percent Moisture	13.5	0.500	0.100		wt%	1	01/10/22 10:56:33
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 1:40:00 PM

Project: 8801- Remediaton

Lab ID: 2112301-050

Matrix: Soil

Client Sample ID: A4-SIDE84:3

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34986

Analyst: SB

Aroclor 1016	ND	0.0542	0.00873		mg/Kg-dry	1	01/10/22 16:24:42
Aroclor 1221	ND	0.0542	0.00873		mg/Kg-dry	1	01/10/22 16:24:42
Aroclor 1232	ND	0.0542	0.00873		mg/Kg-dry	1	01/10/22 16:24:42
Aroclor 1242	ND	0.0542	0.00873		mg/Kg-dry	1	01/10/22 16:24:42
Aroclor 1248	ND	0.0542	0.0108		mg/Kg-dry	1	01/10/22 16:24:42
Aroclor 1254	0.151	0.0542	0.0108		mg/Kg-dry	1	01/10/22 16:24:42
Aroclor 1260	ND	0.0542	0.0108		mg/Kg-dry	1	01/10/22 16:24:42
Aroclor 1262	ND	0.0542	0.0108		mg/Kg-dry	1	01/10/22 16:24:42
Aroclor 1268	ND	0.0542	0.0108		mg/Kg-dry	1	01/10/22 16:24:42
Total PCBs	0.151	0.0542	0.0108		mg/Kg-dry	1	01/10/22 16:24:42
Surr: Decachlorobiphenyl	58.8	25.9 - 167			%Rec	1	01/10/22 16:24:42
Surr: Tetrachloro-m-xylene	83.3	31.3 - 173			%Rec	1	01/10/22 16:24:42

Total Metals by EPA Method 6020B

Batch ID: 34980

Analyst: EH

Copper	373	8.71	1.63	D	mg/Kg-dry	10	01/11/22 14:08:30
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Sample Moisture (Percent Moisture)

Batch ID: R72447

Analyst: CB

Percent Moisture	14.3	0.500	0.100		wt%	1	01/10/22 10:56:33
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Client: Shannon & Wilson

Collection Date: 12/16/2021 2:15:00 PM

Project: 8801- Remediaton

Lab ID: 2112301-052

Matrix: Soil

Client Sample ID: A4-SIDE86:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34947

Analyst: SB

Aroclor 1016	ND	0.0539	0.00869		mg/Kg-dry	1	01/05/22 18:08:08
Aroclor 1221	ND	0.0539	0.00869		mg/Kg-dry	1	01/05/22 18:08:08
Aroclor 1232	ND	0.0539	0.00869		mg/Kg-dry	1	01/05/22 18:08:08
Aroclor 1242	ND	0.0539	0.00869		mg/Kg-dry	1	01/05/22 18:08:08
Aroclor 1248	ND	0.0539	0.0107		mg/Kg-dry	1	01/05/22 18:08:08
Aroclor 1254	0.727	0.0539	0.0107		mg/Kg-dry	1	01/05/22 18:08:08
Aroclor 1260	ND	0.0539	0.0107		mg/Kg-dry	1	01/05/22 18:08:08
Aroclor 1262	ND	0.0539	0.0107		mg/Kg-dry	1	01/05/22 18:08:08
Aroclor 1268	ND	0.0539	0.0107		mg/Kg-dry	1	01/05/22 18:08:08
Total PCBs	0.727	0.0539	0.0107		mg/Kg-dry	1	01/05/22 18:08:08
Surr: Decachlorobiphenyl	59.9	25.9 - 167			%Rec	1	01/05/22 18:08:08
Surr: Tetrachloro-m-xylene	62.0	31.3 - 173			%Rec	1	01/05/22 18:08:08

Total Metals by EPA Method 6020B

Batch ID: 34949

Analyst: EH

Copper	2,020	8.98	1.68		D mg/Kg-dry	10	01/06/22 13:02:19
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Sample Moisture (Percent Moisture)

Batch ID: R72350

Analyst: CB

Percent Moisture	13.0	0.500	0.100		wt%	1	01/05/22 10:47:56
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 2:17:00 PM

Project: 8801- Remediaton

Lab ID: 2112301-053

Matrix: Soil

Client Sample ID: A4-SIDE86:7

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34947

Analyst: SB

Aroclor 1016	ND	0.0570	0.00919		mg/Kg-dry	1	01/05/22 18:17:56
Aroclor 1221	ND	0.0570	0.00919		mg/Kg-dry	1	01/05/22 18:17:56
Aroclor 1232	ND	0.0570	0.00919		mg/Kg-dry	1	01/05/22 18:17:56
Aroclor 1242	ND	0.0570	0.00919		mg/Kg-dry	1	01/05/22 18:17:56
Aroclor 1248	ND	0.0570	0.0113		mg/Kg-dry	1	01/05/22 18:17:56
Aroclor 1254	0.339	0.0570	0.0113		mg/Kg-dry	1	01/05/22 18:17:56
Aroclor 1260	ND	0.0570	0.0113		mg/Kg-dry	1	01/05/22 18:17:56
Aroclor 1262	ND	0.0570	0.0113		mg/Kg-dry	1	01/05/22 18:17:56
Aroclor 1268	ND	0.0570	0.0113		mg/Kg-dry	1	01/05/22 18:17:56
Total PCBs	0.339	0.0570	0.0113		mg/Kg-dry	1	01/05/22 18:17:56
Surr: Decachlorobiphenyl	44.0	25.9 - 167			%Rec	1	01/05/22 18:17:56
Surr: Tetrachloro-m-xylene	55.6	31.3 - 173			%Rec	1	01/05/22 18:17:56

Total Metals by EPA Method 6020B

Batch ID: 34949

Analyst: EH

Copper	1,540	9.25	1.73	D	mg/Kg-dry	10	01/06/22 13:04:57
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Sample Moisture (Percent Moisture)

Batch ID: R72350

Analyst: CB

Percent Moisture	16.9	0.500	0.100		wt%	1	01/05/22 10:47:56
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 1:04:00 PM

Project: 8801- Remediaton

Lab ID: 2112301-057

Matrix: Soil

Client Sample ID: A4-SIDE210:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34947

Analyst: SB

Aroclor 1016	ND	0.0500	0.00806		mg/Kg-dry	1	01/05/22 18:27:46
Aroclor 1221	ND	0.0500	0.00806		mg/Kg-dry	1	01/05/22 18:27:46
Aroclor 1232	ND	0.0500	0.00806		mg/Kg-dry	1	01/05/22 18:27:46
Aroclor 1242	ND	0.0500	0.00806		mg/Kg-dry	1	01/05/22 18:27:46
Aroclor 1248	ND	0.0500	0.00994		mg/Kg-dry	1	01/05/22 18:27:46
Aroclor 1254	0.518	0.0500	0.00994		mg/Kg-dry	1	01/05/22 18:27:46
Aroclor 1260	ND	0.0500	0.00994		mg/Kg-dry	1	01/05/22 18:27:46
Aroclor 1262	ND	0.0500	0.00994		mg/Kg-dry	1	01/05/22 18:27:46
Aroclor 1268	ND	0.0500	0.00994		mg/Kg-dry	1	01/05/22 18:27:46
Total PCBs	0.518	0.0500	0.00994		mg/Kg-dry	1	01/05/22 18:27:46
Surr: Decachlorobiphenyl	46.7	25.9 - 167			%Rec	1	01/05/22 18:27:46
Surr: Tetrachloro-m-xylene	51.4	31.3 - 173			%Rec	1	01/05/22 18:27:46

Total Metals by EPA Method 6020B

Batch ID: 34949

Analyst: EH

Copper	4,940	87.8	16.4	D	mg/Kg-dry	100	01/07/22 11:31:07
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Sample Moisture (Percent Moisture)

Batch ID: R72350

Analyst: CB

Percent Moisture	13.1	0.500	0.100		wt%	1	01/05/22 10:47:56
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 3:00:00 PM

Project: 8801- Remediaton

Lab ID: 2112301-063

Matrix: Soil

Client Sample ID: A4-SIDE87:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0489	0.00788		mg/Kg-dry	1	12/30/21 17:31:06
Aroclor 1221	ND	0.0489	0.00788		mg/Kg-dry	1	12/30/21 17:31:06
Aroclor 1232	ND	0.0489	0.00788		mg/Kg-dry	1	12/30/21 17:31:06
Aroclor 1242	ND	0.0489	0.00788		mg/Kg-dry	1	12/30/21 17:31:06
Aroclor 1248	ND	0.0489	0.00973		mg/Kg-dry	1	12/30/21 17:31:06
Aroclor 1254	1.00	0.0489	0.00973		mg/Kg-dry	1	12/30/21 17:31:06
Aroclor 1260	ND	0.0489	0.00973		mg/Kg-dry	1	12/30/21 17:31:06
Aroclor 1262	ND	0.0489	0.00973		mg/Kg-dry	1	12/30/21 17:31:06
Aroclor 1268	ND	0.0489	0.00973		mg/Kg-dry	1	12/30/21 17:31:06
Total PCBs	1.00	0.0489	0.00973		mg/Kg-dry	1	12/30/21 17:31:06
Surr: Decachlorobiphenyl	112	25.9 - 167			%Rec	1	12/30/21 17:31:06
Surr: Tetrachloro-m-xylene	119	31.3 - 173			%Rec	1	12/30/21 17:31:06

Total Metals by EPA Method 6020B

Batch ID: 34921

Analyst: EH

Copper	5,050	86.8	16.2	D	mg/Kg-dry	100	01/04/22 12:54:17
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	13.4	0.500	0.100		wt%	1	12/30/21 9:48:04
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Analytical Report

Work Order: 2112301
Date Reported: 2/4/2022

Client: Shannon & Wilson

Collection Date: 12/16/2021 3:10:00 PM

Project: 8801- Remediaton

Lab ID: 2112301-064

Matrix: Soil

Client Sample ID: A4-SIDE87:6.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0490	0.00790		mg/Kg-dry	1	12/30/21 17:40:51
Aroclor 1221	ND	0.0490	0.00790		mg/Kg-dry	1	12/30/21 17:40:51
Aroclor 1232	ND	0.0490	0.00790		mg/Kg-dry	1	12/30/21 17:40:51
Aroclor 1242	ND	0.0490	0.00790		mg/Kg-dry	1	12/30/21 17:40:51
Aroclor 1248	ND	0.0490	0.00975		mg/Kg-dry	1	12/30/21 17:40:51
Aroclor 1254	0.973	0.0490	0.00975		mg/Kg-dry	1	12/30/21 17:40:51
Aroclor 1260	ND	0.0490	0.00975		mg/Kg-dry	1	12/30/21 17:40:51
Aroclor 1262	ND	0.0490	0.00975		mg/Kg-dry	1	12/30/21 17:40:51
Aroclor 1268	ND	0.0490	0.00975		mg/Kg-dry	1	12/30/21 17:40:51
Total PCBs	0.973	0.0490	0.00975		mg/Kg-dry	1	12/30/21 17:40:51
Surr: Decachlorobiphenyl	120	25.9 - 167			%Rec	1	12/30/21 17:40:51
Surr: Tetrachloro-m-xylene	125	31.3 - 173			%Rec	1	12/30/21 17:40:51

Total Metals by EPA Method 6020B

Batch ID: 34921

Analyst: EH

Copper	2,220	9.08	1.70	D	mg/Kg-dry	10	01/04/22 12:25:09
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	13.9	0.500	0.100		wt%	1	12/30/21 9:48:04
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Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34899	SampType: ICB	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: ICB	Batch ID: 34899		Analysis Date: 12/30/2021	SeqNo: 1476237							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34899	SampType: ICV	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: ICV	Batch ID: 34899		Analysis Date: 12/30/2021	SeqNo: 1476238							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.4 10.0 100.0 0 95.4 90 110

Sample ID: CCV-34899A	SampType: CCV	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: CCV	Batch ID: 34899		Analysis Date: 12/30/2021	SeqNo: 1476242							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 92.8 10.0 100.0 0 92.8 90 110

Sample ID: CCB-34899A	SampType: CCB	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: CCB	Batch ID: 34899		Analysis Date: 12/30/2021	SeqNo: 1476243							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34899	SampType: MBLK	Units: mg/Kg	Prep Date: 12/29/2021	RunNo: 72293							
Client ID: MBLKS	Batch ID: 34899		Analysis Date: 12/30/2021	SeqNo: 1476244							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.781

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-34899	SampType: LCS	Units: mg/Kg	Prep Date: 12/29/2021	RunNo: 72293							
Client ID: LCSS	Batch ID: 34899	Analysis Date: 12/30/2021	SeqNo: 1476245								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 34.5 0.752 37.59 0 91.8 80 120

Sample ID: 2112423-013AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/29/2021	RunNo: 72293							
Client ID: BATCH	Batch ID: 34899	Analysis Date: 12/30/2021	SeqNo: 1476248								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 54.8 0.830 41.52 20.43 82.8 75 125

Sample ID: 2112423-013AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/29/2021	RunNo: 72293							
Client ID: BATCH	Batch ID: 34899	Analysis Date: 12/30/2021	SeqNo: 1476249								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 75.2 0.830 41.52 20.43 132 75 125 54.82 31.4 20 RS

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).
 R - High RPD observed.

Sample ID: 2112423-013APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 12/29/2021	RunNo: 72293							
Client ID: BATCH	Batch ID: 34899	Analysis Date: 12/30/2021	SeqNo: 1476250								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 61.2 0.843 42.1 20.4 96.8 75 125

Sample ID: CCV-34899B	SampType: CCV	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: CCV	Batch ID: 34899	Analysis Date: 12/30/2021	SeqNo: 1476253								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.9 10.0 100.0 0 95.9 90 110

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34899B	SampType: CCB	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: CCB	Batch ID: 34899	Analysis Date: 12/30/2021	SeqNo: 1476254								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34899C	SampType: CCV	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: CCV	Batch ID: 34899	Analysis Date: 12/30/2021	SeqNo: 1476264								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.3 10.0 100.0 0 97.3 90 110

Sample ID: CCB-34899C	SampType: CCB	Units: µg/L	Prep Date: 12/30/2021	RunNo: 72293							
Client ID: CCB	Batch ID: 34899	Analysis Date: 12/30/2021	SeqNo: 1476265								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34899A	SampType: ICB	Units: µg/L	Prep Date: 12/31/2021	RunNo: 72293							
Client ID: ICB	Batch ID: 34899	Analysis Date: 12/31/2021	SeqNo: 1476416								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34899A	SampType: ICV	Units: µg/L	Prep Date: 12/31/2021	RunNo: 72293							
Client ID: ICV	Batch ID: 34899	Analysis Date: 12/31/2021	SeqNo: 1476417								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 91.0 10.0 100.0 0 91.0 90 110

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34899D	SampType: CCV	Units: µg/L				Prep Date: 12/31/2021	RunNo: 72293				
Client ID: CCV	Batch ID: 34899					Analysis Date: 12/31/2021	SeqNo: 1476430				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 100 10.0 100.0 0 100 90 110

Sample ID: CCB-34899D	SampType: CCB	Units: µg/L				Prep Date: 12/31/2021	RunNo: 72293				
Client ID: CCB	Batch ID: 34899					Analysis Date: 12/31/2021	SeqNo: 1476431				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34921	SampType: ICB	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: ICB	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477011				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34921	SampType: ICV	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: ICV	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477012				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.4 10.0 100.0 0 99.4 90 110

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCV	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477016				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 110 10.0 100.0 0 110 90 110 S

NOTES:

S - Outlying apike recovery(ies) observed (110.24%). Two subsequent CCVs were run with passing recovery.

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCV	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477017				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCV	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477018				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCB-34921A	SampType: CCB	Units: µg/L				Prep Date: 1/4/2022	RunNo: 72335				
Client ID: CCB	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477019				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34921	SampType: MBLK	Units: mg/Kg				Prep Date: 12/31/2021	RunNo: 72335				
Client ID: MBLKS	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477020				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.746

Sample ID: LCS-34921	SampType: LCS	Units: mg/Kg				Prep Date: 12/31/2021	RunNo: 72335				
Client ID: LCSS	Batch ID: 34921					Analysis Date: 1/4/2022	SeqNo: 1477021				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 37.3 0.752 37.59 0 99.3 80 120

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-060AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: BATCH	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477024								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	1,240	0.958	47.88	924.9	654	75	125				ES
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NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-060AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: BATCH	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477025								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	1,410	0.958	47.88	924.9	1,020	75	125	1,238	13.2	20	ES
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NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-060APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: BATCH	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477026								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	970	0.942	47.1	925	95.6	75	125				E
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Sample ID: CCV-34921B	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477029								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	107	10.0	100.0	0	107	90	110				
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Sample ID: CCB-34921B	SampType: CCB	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCB	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477030								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34921C	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477038							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.9 10.0 100.0 0 99.9 90 110

Sample ID: CCB-34921C	SampType: CCB	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCB	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477039							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34921D	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477057							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 103 10.0 100.0 0 103 90 110

Sample ID: CCB-34921D	SampType: CCB	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCB	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477058							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34930	SampType: ICB	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: ICB	Batch ID: 34930		Analysis Date: 1/5/2022	SeqNo: 1477403							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-34930	SampType: ICV	Units: µg/L				Prep Date: 1/5/2022	RunNo: 72359				
Client ID: ICV	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477404				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	99.8	10.0	100.0	0	99.8	90	110				

Sample ID: MB-34930	SampType: MBLK	Units: mg/Kg				Prep Date: 1/4/2022	RunNo: 72359				
Client ID: MBLKS	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477408				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.820									

Sample ID: LCS-34930	SampType: LCS	Units: mg/Kg				Prep Date: 1/4/2022	RunNo: 72359				
Client ID: LCSS	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477409				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	41.1	0.820	40.98	0	100	80	120				

Sample ID: 2112441-005AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/4/2022	RunNo: 72359				
Client ID: BATCH	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477412				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	77.5	0.970	48.50	26.67	105	75	125				

Sample ID: 2112441-005AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/4/2022	RunNo: 72359				
Client ID: BATCH	Batch ID: 34930					Analysis Date: 1/5/2022	SeqNo: 1477413				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	78.9	0.978	48.89	26.67	107	75	125	77.53	1.74	20	

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112441-005APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 1/4/2022	RunNo: 72359							
Client ID: BATCH	Batch ID: 34930		Analysis Date: 1/5/2022	SeqNo: 1477414							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 76.3 0.918 45.9 26.7 108 75 125

Sample ID: CCV-34930A	SampType: CCV	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCV	Batch ID: 34930		Analysis Date: 1/5/2022	SeqNo: 1477418							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.6 10.0 100.0 0 98.6 90 110

Sample ID: CCB-34930A	SampType: CCB	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCB	Batch ID: 34930		Analysis Date: 1/5/2022	SeqNo: 1477419							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34930B	SampType: CCV	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCV	Batch ID: 34930		Analysis Date: 1/5/2022	SeqNo: 1477506							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 103 10.0 100.0 0 103 90 110

Sample ID: CCB-34930B	SampType: CCB	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCB	Batch ID: 34930		Analysis Date: 1/5/2022	SeqNo: 1477507							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34930C	SampType: CCV	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCV	Batch ID: 34930	Analysis Date: 1/5/2022	SeqNo: 1477582								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 103 10.0 100.0 0 103 90 110

Sample ID: CCB-34930C	SampType: CCB	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCB	Batch ID: 34930	Analysis Date: 1/5/2022	SeqNo: 1477583								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34930D	SampType: CCV	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCV	Batch ID: 34930	Analysis Date: 1/5/2022	SeqNo: 1477586								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 106 10.0 100.0 0 106 90 110

Sample ID: CCB-34930D	SampType: CCB	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCB	Batch ID: 34930	Analysis Date: 1/5/2022	SeqNo: 1477587								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34930E	SampType: CCV	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCV	Batch ID: 34930	Analysis Date: 1/5/2022	SeqNo: 1477626								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.8 10.0 100.0 0 97.8 90 110

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34930E	SampType: CCB	Units: µg/L	Prep Date: 1/5/2022	RunNo: 72359							
Client ID: CCB	Batch ID: 34930		Analysis Date: 1/5/2022	SeqNo: 1477627							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34949	SampType: ICB	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: ICB	Batch ID: 34949		Analysis Date: 1/6/2022	SeqNo: 1478100							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34949	SampType: ICV	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: ICV	Batch ID: 34949		Analysis Date: 1/6/2022	SeqNo: 1478101							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.8 10.0 100.0 0 98.8 90 110

Sample ID: MB-34949	SampType: MBLK	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72396							
Client ID: MBLKS	Batch ID: 34949		Analysis Date: 1/6/2022	SeqNo: 1478105							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.787

Sample ID: LCS-34949	SampType: LCS	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72396							
Client ID: LCSS	Batch ID: 34949		Analysis Date: 1/6/2022	SeqNo: 1478106							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 38.1 0.769 38.46 0 99.1 80 120

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-053AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/5/2022	RunNo: 72396							
Client ID: BATCH	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478109								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	323	1.05	52.75	167.8	294	75	125				ES
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NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-053AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/5/2022	RunNo: 72396							
Client ID: BATCH	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478110								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	246	1.05	52.34	167.8	149	75	125	322.7	27.2	20	RS
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NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).
 R - High RPD observed.

Sample ID: 2112242-053APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 1/5/2022	RunNo: 72396							
Client ID: BATCH	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478111								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	207	1.09	54.4	168	72.8	75	125				S
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NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: CCV-34949A	SampType: CCV	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCV	Batch ID: 34949	Analysis Date: 1/6/2022	SeqNo: 1478115								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	100	10.0	100.0	0	100	90	110				
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Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34949A	SampType: CCB	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCB	Batch ID: 34949		Analysis Date: 1/6/2022	SeqNo: 1478116							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34949B	SampType: CCV	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCV	Batch ID: 34949		Analysis Date: 1/6/2022	SeqNo: 1478186							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.3 10.0 100.0 0 97.3 90 110

Sample ID: CCB-34949B	SampType: CCB	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCB	Batch ID: 34949		Analysis Date: 1/6/2022	SeqNo: 1478189							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34949C	SampType: CCV	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCV	Batch ID: 34949		Analysis Date: 1/6/2022	SeqNo: 1478193							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.6 10.0 100.0 0 97.6 90 110

Sample ID: CCB-34949C	SampType: CCB	Units: µg/L	Prep Date: 1/6/2022	RunNo: 72396							
Client ID: CCB	Batch ID: 34949		Analysis Date: 1/6/2022	SeqNo: 1478196							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34949A		SampType: ICB		Units: µg/L		Prep Date: 1/7/2022		RunNo: 72396			
Client ID: ICB		Batch ID: 34949				Analysis Date: 1/7/2022		SeqNo: 1478550			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34966		SampType: ICB		Units: µg/L		Prep Date: 1/7/2022		RunNo: 72429			
Client ID: ICB		Batch ID: 34966				Analysis Date: 1/7/2022		SeqNo: 1478669			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34949A		SampType: ICV		Units: µg/L		Prep Date: 1/7/2022		RunNo: 72396			
Client ID: ICV		Batch ID: 34949				Analysis Date: 1/7/2022		SeqNo: 1478551			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.2 10.0 100.0 0 98.2 90 110

Sample ID: ICV-34966		SampType: ICV		Units: µg/L		Prep Date: 1/7/2022		RunNo: 72429			
Client ID: ICV		Batch ID: 34966				Analysis Date: 1/7/2022		SeqNo: 1478670			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 98.2 10.0 100.0 0 98.2 90 110

Sample ID: CCV-34949D		SampType: CCV		Units: µg/L		Prep Date: 1/7/2022		RunNo: 72396			
Client ID: CCV		Batch ID: 34949				Analysis Date: 1/7/2022		SeqNo: 1478559			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.8 10.0 100.0 0 95.8 90 110

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34966A	SampType: CCV	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCV	Batch ID: 34966		Analysis Date: 1/7/2022	SeqNo: 1478674							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.8 10.0 100.0 0 95.8 90 110

Sample ID: CCB-34966A	SampType: CCB	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCB	Batch ID: 34966		Analysis Date: 1/7/2022	SeqNo: 1478675							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCB-34949D	SampType: CCB	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72396							
Client ID: CCB	Batch ID: 34949		Analysis Date: 1/7/2022	SeqNo: 1478562							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34966	SampType: MBLK	Units: mg/Kg	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: MBLKS	Batch ID: 34966		Analysis Date: 1/7/2022	SeqNo: 1478676							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.746

Sample ID: LCS-34966	SampType: LCS	Units: mg/Kg	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: LCSS	Batch ID: 34966		Analysis Date: 1/7/2022	SeqNo: 1478677							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 34.6 0.758 37.88 0 91.3 80 120

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34966B	SampType: CCV	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCV	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478679								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.4 10.0 100.0 0 97.4 90 110

Sample ID: CCB-34966B	SampType: CCB	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCB	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478680								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: 2201052-001AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: BATCH	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478682								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 64.6 0.856 42.82 13.21 120 75 125

Sample ID: 2201052-001AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: BATCH	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478683								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 47.0 0.850 42.51 13.21 79.4 75 125 64.63 31.6 20 R

NOTES:
 R - High RPD observed.

Sample ID: 2201052-001APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: BATCH	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478684								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 51.0 0.826 41.3 13.2 91.6 75 125

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34966C	SampType: CCV	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCV	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478691								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 91.6 10.0 100.0 0 91.6 90 110

Sample ID: CCB-34966C	SampType: CCB	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCB	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478692								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34966D	SampType: CCV	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCV	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478697								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 92.5 10.0 100.0 0 92.5 90 110

Sample ID: CCB-34966D	SampType: CCB	Units: µg/L	Prep Date: 1/7/2022	RunNo: 72429							
Client ID: CCB	Batch ID: 34966	Analysis Date: 1/7/2022	SeqNo: 1478698								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34949B	SampType: ICB	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72396							
Client ID: ICB	Batch ID: 34949	Analysis Date: 1/10/2022	SeqNo: 1478987								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34966A		SampType: ICB		Units: µg/L		Prep Date: 1/10/2022		RunNo: 72429			
Client ID: ICB		Batch ID: 34966				Analysis Date: 1/10/2022		SeqNo: 1479012			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-34949B		SampType: ICV		Units: µg/L		Prep Date: 1/10/2022		RunNo: 72396			
Client ID: ICV		Batch ID: 34949				Analysis Date: 1/10/2022		SeqNo: 1479028			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	92.1	10.0	100.0	0	92.1	90	110				

Sample ID: ICV-34966A		SampType: ICV		Units: µg/L		Prep Date: 1/10/2022		RunNo: 72429			
Client ID: ICV		Batch ID: 34966				Analysis Date: 1/10/2022		SeqNo: 1479013			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	92.1	10.0	100.0	0	92.1	90	110				

Sample ID: CCV-34949E		SampType: CCV		Units: µg/L		Prep Date: 1/10/2022		RunNo: 72396			
Client ID: CCV		Batch ID: 34949				Analysis Date: 1/10/2022		SeqNo: 1478993			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.4	10.0	100.0	0	97.4	90	110				

Sample ID: CCV-34966E		SampType: CCV		Units: µg/L		Prep Date: 1/10/2022		RunNo: 72429			
Client ID: CCV		Batch ID: 34966				Analysis Date: 1/10/2022		SeqNo: 1479020			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.4	10.0	100.0	0	97.4	90	110				

Work Order: 2112301
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34949E	SampType: CCB	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72396							
Client ID: CCB	Batch ID: 34949	Analysis Date: 1/10/2022	SeqNo: 1478994								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCB-34966E	SampType: CCB	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72429							
Client ID: CCB	Batch ID: 34966	Analysis Date: 1/10/2022	SeqNo: 1479021								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34966F	SampType: CCV	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72429							
Client ID: CCV	Batch ID: 34966	Analysis Date: 1/10/2022	SeqNo: 1479026								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.7 10.0 100.0 0 99.7 90 110

Sample ID: CCB-34966F	SampType: CCB	Units: µg/L	Prep Date: 1/10/2022	RunNo: 72429							
Client ID: CCB	Batch ID: 34966	Analysis Date: 1/10/2022	SeqNo: 1479027								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34980	SampType: ICB	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: ICB	Batch ID: 34980	Analysis Date: 1/11/2022	SeqNo: 1479302								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-34980	SampType: ICV	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: ICV	Batch ID: 34980	Analysis Date: 1/11/2022	SeqNo: 1479303								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.0 10.0 100.0 0 99.0 90 110

Sample ID: MB-34980	SampType: MBLK	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72474							
Client ID: MBLKS	Batch ID: 34980	Analysis Date: 1/11/2022	SeqNo: 1479307								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.794

Sample ID: LCS-34980	SampType: LCS	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72474							
Client ID: LCSS	Batch ID: 34980	Analysis Date: 1/11/2022	SeqNo: 1479308								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 38.1 0.746 37.31 0 102 80 120

Sample ID: 2201086-001AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/10/2022	RunNo: 72474							
Client ID: BATCH	Batch ID: 34980	Analysis Date: 1/11/2022	SeqNo: 1479311								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 80.7 1.12 55.97 31.08 88.6 75 125

Sample ID: 2201086-001AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/10/2022	RunNo: 72474							
Client ID: BATCH	Batch ID: 34980	Analysis Date: 1/11/2022	SeqNo: 1479312								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 82.5 1.16 58.14 31.08 88.4 75 125 80.67 2.25 20

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CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2201086-001APDS	SampType: PDS	Units: mg/Kg-dry				Prep Date: 1/10/2022	RunNo: 72474				
Client ID: BATCH	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479313				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 73.6 1.13 56.4 31.1 75.5 75 125

Sample ID: CCV-34980A	SampType: CCV	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: CCV	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479317				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 103 10.0 100.0 0 103 90 110

Sample ID: CCB-34980A	SampType: CCB	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: CCB	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479318				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34980B	SampType: CCV	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: CCV	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479323				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCB-34980B	SampType: CCB	Units: µg/L				Prep Date: 1/11/2022	RunNo: 72474				
Client ID: CCB	Batch ID: 34980					Analysis Date: 1/11/2022	SeqNo: 1479326				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112301
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34980C	SampType: CCV	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCV	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479398							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.1 10.0 100.0 0 96.1 90 110

Sample ID: CCB-34980C	SampType: CCB	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCB	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479399							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-34980D	SampType: CCV	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCV	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479410							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.5 10.0 100.0 0 97.5 90 110

Sample ID: CCB-34980D	SampType: CCB	Units: µg/L	Prep Date: 1/11/2022	RunNo: 72474							
Client ID: CCB	Batch ID: 34980		Analysis Date: 1/11/2022	SeqNo: 1479411							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-35082	SampType: ICB	Units: µg/L	Prep Date: 1/20/2022	RunNo: 72698							
Client ID: ICB	Batch ID: 35082		Analysis Date: 1/20/2022	SeqNo: 1483613							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2112301
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-35082		SampType: ICV		Units: µg/L		Prep Date: 1/20/2022		RunNo: 72698			
Client ID: ICV		Batch ID: 35082				Analysis Date: 1/20/2022		SeqNo: 1483614			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	94.3	10.0	100.0	0	94.3	90	110				

Sample ID: MB-35082		SampType: MBLK		Units: mg/Kg		Prep Date: 1/20/2022		RunNo: 72698			
Client ID: MBLKS		Batch ID: 35082				Analysis Date: 1/20/2022		SeqNo: 1483619			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.787									

Sample ID: LCS-35082		SampType: LCS		Units: mg/Kg		Prep Date: 1/20/2022		RunNo: 72698			
Client ID: LCSS		Batch ID: 35082				Analysis Date: 1/20/2022		SeqNo: 1483620			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	36.8	0.746	37.31	0	98.7	80	120				

Sample ID: 2201279-017AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 1/20/2022		RunNo: 72698			
Client ID: BATCH		Batch ID: 35082				Analysis Date: 1/20/2022		SeqNo: 1483623			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	57.0	0.850	42.48	13.61	102	75	125				

Sample ID: 2201279-017AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 1/20/2022		RunNo: 72698			
Client ID: BATCH		Batch ID: 35082				Analysis Date: 1/20/2022		SeqNo: 1483624			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	65.3	0.877	43.83	13.61	118	75	125	57.02	13.5	20	

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35082A	SampType: CCV	Units: µg/L	Prep Date: 1/20/2022	RunNo: 72698							
Client ID: CCV	Batch ID: 35082	Analysis Date: 1/20/2022	SeqNo: 1483627								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.9 10.0 100.0 0 95.9 90 110

Sample ID: CCB-35082A	SampType: CCB	Units: µg/L	Prep Date: 1/20/2022	RunNo: 72698							
Client ID: CCB	Batch ID: 35082	Analysis Date: 1/20/2022	SeqNo: 1483628								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35082B	SampType: CCV	Units: µg/L	Prep Date: 1/20/2022	RunNo: 72698							
Client ID: CCV	Batch ID: 35082	Analysis Date: 1/20/2022	SeqNo: 1483639								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCB-35082B	SampType: CCB	Units: µg/L	Prep Date: 1/20/2022	RunNo: 72698							
Client ID: CCB	Batch ID: 35082	Analysis Date: 1/20/2022	SeqNo: 1483640								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35082C	SampType: CCV	Units: µg/L	Prep Date: 1/20/2022	RunNo: 72698							
Client ID: CCV	Batch ID: 35082	Analysis Date: 1/20/2022	SeqNo: 1483713								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-35082C	SampType: CCB	Units: µg/L	Prep Date: 1/20/2022	RunNo: 72698							
Client ID: CCB	Batch ID: 35082	Analysis Date: 1/20/2022	SeqNo: 1483714								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-35223	SampType: ICB	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: ICB	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491249								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-35223	SampType: ICV	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: ICV	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491250								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 102 10.0 100.0 0 102 90 110

Sample ID: MB-35223	SampType: MBLK	Units: mg/Kg	Prep Date: 2/2/2022	RunNo: 73039							
Client ID: MBLKS	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491254								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 1.00

Sample ID: LCS-35223	SampType: LCS	Units: mg/Kg	Prep Date: 2/2/2022	RunNo: 73039							
Client ID: LCSS	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491255								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 39.4 0.752 37.59 0 105 80 120

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 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2201431-006AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 2/2/2022	RunNo: 73039							
Client ID: BATCH	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491258								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 63.3 0.852 42.59 17.09 109 75 125

Sample ID: 2201431-006AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 2/2/2022	RunNo: 73039							
Client ID: BATCH	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491259								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 61.5 0.846 42.28 17.09 105 75 125 63.33 2.91 20

Sample ID: CCV-35223A	SampType: CCV	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCV	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491262								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 101 10.0 100.0 0 101 90 110

Sample ID: CCB-35223A	SampType: CCB	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCB	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491263								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35223B	SampType: CCV	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCV	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491274								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-35223B	SampType: CCB	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCB	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491275								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35223C	SampType: CCV	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCV	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491283								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 102 10.0 100.0 0 102 90 110

Sample ID: CCB-35223C	SampType: CCB	Units: µg/L	Prep Date: 2/3/2022	RunNo: 73039							
Client ID: CCB	Batch ID: 35223	Analysis Date: 2/3/2022	SeqNo: 1491284								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-35223A	SampType: ICB	Units: µg/L	Prep Date: 2/4/2022	RunNo: 73039							
Client ID: ICB	Batch ID: 35223	Analysis Date: 2/4/2022	SeqNo: 1491660								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-35223A	SampType: ICV	Units: µg/L	Prep Date: 2/4/2022	RunNo: 73039							
Client ID: ICV	Batch ID: 35223	Analysis Date: 2/4/2022	SeqNo: 1491661								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 101 10.0 100.0 0 101 90 110

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QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35223D	SampType: CCV	Units: µg/L	Prep Date: 2/4/2022	RunNo: 73039							
Client ID: CCV	Batch ID: 35223		Analysis Date: 2/4/2022	SeqNo: 1491666							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	96.6	10.0	100.0	0	96.6	90	110				
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Sample ID: CCB-35223D	SampType: CCB	Units: µg/L	Prep Date: 2/4/2022	RunNo: 73039							
Client ID: CCB	Batch ID: 35223		Analysis Date: 2/4/2022	SeqNo: 1491667							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Sample ID: CCV-35223E	SampType: CCV	Units: µg/L	Prep Date: 2/4/2022	RunNo: 73039							
Client ID: CCV	Batch ID: 35223		Analysis Date: 2/4/2022	SeqNo: 1491674							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	89.2	10.0	100.0	0	89.2	90	110				S
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Sample ID: CCB-35223E	SampType: CCB	Units: µg/L	Prep Date: 2/4/2022	RunNo: 73039							
Client ID: CCB	Batch ID: 35223		Analysis Date: 2/4/2022	SeqNo: 1491675							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660 ICB	SampType: ICB	Units: mg/Kg			Prep Date: 11/17/2021	RunNo: 71394					
Client ID: ICB	Batch ID: 34910				Analysis Date: 11/17/2021	SeqNo: 1454001					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1260	ND	0.0500									
Surr: Decachlorobiphenyl	207		200.0		103	50.2	159				
Surr: Tetrachloro-m-xylene	214		200.0		107	60.3	134				

Sample ID: 1660 ICV	SampType: ICV	Units: mg/Kg			Prep Date: 11/17/2021	RunNo: 71394					
Client ID: ICV	Batch ID: 34910				Analysis Date: 11/17/2021	SeqNo: 1454002					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.01	0.0500	1.000	0	101	80	120				
Aroclor 1260	0.991	0.0500	1.000	0	99.1	80	120				
Surr: Decachlorobiphenyl	196		200.0		98.1	30.2	155				
Surr: Tetrachloro-m-xylene	212		200.0		106	58.8	143				

Sample ID: 1254 ICB	SampType: ICB	Units: mg/Kg			Prep Date: 11/17/2021	RunNo: 71394					
Client ID: ICB	Batch ID: 34910				Analysis Date: 11/17/2021	SeqNo: 1454011					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	ND	0.0500									
Surr: Decachlorobiphenyl	195		200.0		97.3	50.2	159				
Surr: Tetrachloro-m-xylene	197		200.0		98.7	60.3	134				

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg			Prep Date: 11/17/2021	RunNo: 71394					
Client ID: ICV	Batch ID: 34910				Analysis Date: 11/17/2021	SeqNo: 1454012					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.05	0.0500	1.000	0	105	80	120				
Surr: Decachlorobiphenyl	196		200.0		98.0	30.2	155				
Surr: Tetrachloro-m-xylene	202		200.0		101	58.8	143				

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg	Prep Date: 11/17/2021	RunNo: 71394							
Client ID: ICV	Batch ID: 34910		Analysis Date: 11/17/2021	SeqNo: 1454012							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1660-CCV-34910A	SampType: CCV	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: CCV	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476451							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.918	0.0500	1.000	0	91.8	80	120				
Aroclor 1260	0.876	0.0500	1.000	0	87.6	80	120				
Surr: Decachlorobiphenyl	259		200.0		130	30.2	155				
Surr: Tetrachloro-m-xylene	220		200.0		110	58.8	143				

Sample ID: 1254-CCV-34910A	SampType: CCV	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: CCV	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476452							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.07	0.0500	1.000	0	107	80	120				
Surr: Decachlorobiphenyl	236		200.0		118	30.2	155				
Surr: Tetrachloro-m-xylene	203		200.0		101	58.8	143				

Sample ID: MB-34910	SampType: MBLK	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: MBLKS	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476453							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34910	SampType: MBLK	Units: mg/Kg				Prep Date: 12/30/2021	RunNo: 72303				
Client ID: MBLKS	Batch ID: 34910					Analysis Date: 12/30/2021	SeqNo: 1476453				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	251		200.0		125	25.9	167				
Surr: Tetrachloro-m-xylene	245		200.0		123	31.3	173				

Sample ID: LCS1-34910	SampType: LCS	Units: mg/Kg				Prep Date: 12/30/2021	RunNo: 72303				
Client ID: LCSS	Batch ID: 34910					Analysis Date: 12/30/2021	SeqNo: 1476454				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.24	0.0500	1.000	0	124	54.1	142				
Aroclor 1260	1.26	0.0500	1.000	0	126	51.7	152				
Surr: Decachlorobiphenyl	261		200.0		130	25.9	167				
Surr: Tetrachloro-m-xylene	261		200.0		131	31.3	173				

Sample ID: LCS2-34910	SampType: LCS	Units: mg/Kg				Prep Date: 12/30/2021	RunNo: 72303				
Client ID: LCSS	Batch ID: 34910					Analysis Date: 12/30/2021	SeqNo: 1476455				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.12	0.0500	1.000	0	112	55.9	156				
Surr: Decachlorobiphenyl	248		200.0		124	25.9	167				
Surr: Tetrachloro-m-xylene	263		200.0		132	31.3	173				

Sample ID: 2112277-019AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 12/30/2021	RunNo: 72303				
Client ID: BATCH	Batch ID: 34910					Analysis Date: 12/30/2021	SeqNo: 1476457				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.968	0.0435	0.8690	0	111	26.5	166				
Aroclor 1260	1.35	0.0435	0.8690	0	155	29.2	168				

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112277-019AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: BATCH	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476457							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	222		173.8		128	25.9	167				
Surr: Tetrachloro-m-xylene	233		173.8		134	31.3	173				

Sample ID: 2112277-019AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: BATCH	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476458							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.05	0.0436	0.8724	0	121	26.5	166	0.9680	8.30	30	
Aroclor 1260	1.11	0.0436	0.8724	0	127	29.2	168	1.345	19.2	30	
Surr: Decachlorobiphenyl	216		174.5		124	25.9	167		0		
Surr: Tetrachloro-m-xylene	213		174.5		122	31.3	173		0		

Sample ID: 1660-CCV-34910B	SampType: CCV	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: CCV	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476472							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.14	0.0500	1.000	0	114	80	120				
Aroclor 1260	1.14	0.0500	1.000	0	114	80	120				
Surr: Decachlorobiphenyl	233		200.0		117	30.2	155				
Surr: Tetrachloro-m-xylene	279		200.0		140	58.8	143				

Sample ID: 1254-CCV-34910B	SampType: CCV	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: CCV	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476473							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.13	0.0500	1.000	0	113	80	120				
Surr: Decachlorobiphenyl	236		200.0		118	30.2	155				
Surr: Tetrachloro-m-xylene	261		200.0		131	58.8	143				

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34931A	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72381							
Client ID: CCV	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477865							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.957	0.0500	1.000	0	95.7	80	120				
Aroclor 1260	1.04	0.0500	1.000	0	104	80	120				
Surr: Decachlorobiphenyl	175		200.0		87.6	30.2	155				
Surr: Tetrachloro-m-xylene	173		200.0		86.5	58.8	143				

Sample ID: 1254-CCV-34931A	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72381							
Client ID: CCV	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477866							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.874	0.0500	1.000	0	87.4	80	120				
Surr: Decachlorobiphenyl	158		200.0		79.1	30.2	155				
Surr: Tetrachloro-m-xylene	175		200.0		87.4	58.8	143				

Sample ID: MB-34931	SampType: MBLK	Units: mg/Kg	Prep Date: 1/4/2022	RunNo: 72381							
Client ID: MBLKS	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477867							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	172		200.0		86.1	25.9	167				
Surr: Tetrachloro-m-xylene	212		200.0		106	31.3	173				

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34931	SampType: MBLK	Units: mg/Kg	Prep Date: 1/4/2022	RunNo: 72381							
Client ID: MBLKS	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477867							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCS1-34931	SampType: LCS	Units: mg/Kg	Prep Date: 1/4/2022	RunNo: 72381							
Client ID: LCSS	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477868							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.19	0.0500	1.000	0	119	54.1	142				
Aroclor 1260	1.26	0.0500	1.000	0	126	51.7	152				
Surr: Decachlorobiphenyl	226		200.0		113	25.9	167				
Surr: Tetrachloro-m-xylene	223		200.0		112	31.3	173				

Sample ID: LCS2-34931	SampType: LCS	Units: mg/Kg	Prep Date: 1/4/2022	RunNo: 72381							
Client ID: LCSS	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477869							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.00	0.0500	1.000	0	100	55.9	156				
Surr: Decachlorobiphenyl	187		200.0		93.3	25.9	167				
Surr: Tetrachloro-m-xylene	208		200.0		104	31.3	173				

Sample ID: 2112301-003AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/4/2022	RunNo: 72381							
Client ID: A4-SIDE79:6	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477871							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.74	0.0551	1.102	0	158	26.5	166				
Aroclor 1260	1.89	0.0551	1.102	0	171	29.2	168				S
Surr: Decachlorobiphenyl	267		220.4		121	25.9	167				
Surr: Tetrachloro-m-xylene	290		220.4		132	31.3	173				

NOTES:

S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112301-003AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/4/2022	RunNo: 72381							
Client ID: A4-SIDE79:6	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477872							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.66	0.0532	1.064	0	156	26.5	166	1.739	4.65	30	
Aroclor 1260	1.81	0.0532	1.064	0	170	29.2	168	1.890	4.11	30	S
Surr: Decachlorobiphenyl	203		212.8		95.4	25.9	167		0		
Surr: Tetrachloro-m-xylene	225		212.8		106	31.3	173		0		

NOTES:

S - Outlying spike recovery(ies) observed. A duplicate analysis was performed with similar results indicating a possible matrix effect.

Sample ID: 1660-CCV-34931B	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72381							
Client ID: CCV	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477879							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.28	0.0500	1.000	0	128	80	120				S
Aroclor 1260	1.33	0.0500	1.000	0	133	80	120				S
Surr: Decachlorobiphenyl	232		200.0		116	30.2	155				
Surr: Tetrachloro-m-xylene	259		200.0		129	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1254-CCV-34931B	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72381							
Client ID: CCV	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477881							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.10	0.0500	1.000	0	110	80	120				
Surr: Decachlorobiphenyl	179		200.0		89.4	30.2	155				
Surr: Tetrachloro-m-xylene	217		200.0		109	58.8	143				

Sample ID: 1254-CCV-34931C	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72381							
Client ID: CCV	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477882							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.11	0.0500	1.000	0	111	80	120				

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34931C	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72381							
Client ID: CCV	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477882							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	196		200.0		97.8	30.2	155				
Surr: Tetrachloro-m-xylene	216		200.0		108	58.8	143				

Sample ID: 1254-CCV-34947A	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: CCV	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478409							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.11	0.0500	1.000	0	111	80	120				
Surr: Decachlorobiphenyl	196		200.0		97.8	30.2	155				
Surr: Tetrachloro-m-xylene	216		200.0		108	58.8	143				

Sample ID: 1660-CCV-34931C	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72381							
Client ID: CCV	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477883							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.32	0.0500	1.000	0	132	80	120				S
Aroclor 1260	1.37	0.0500	1.000	0	137	80	120				S
Surr: Decachlorobiphenyl	209		200.0		105	30.2	155				
Surr: Tetrachloro-m-xylene	232		200.0		116	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1660-CCV-34947A	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: CCV	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478410							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.32	0.0500	1.000	0	132	80	120				S
Aroclor 1260	1.37	0.0500	1.000	0	137	80	120				S
Surr: Decachlorobiphenyl	209		200.0		105	30.2	155				
Surr: Tetrachloro-m-xylene	232		200.0		116	58.8	143				

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34947A	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: CCV	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478410							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: MB-34947	SampType: MBLK	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: MBLKS	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478411							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	256		200.0		128	25.9	167				
Surr: Tetrachloro-m-xylene	275		200.0		138	31.3	173				

Sample ID: LCS1-34947	SampType: LCS	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: LCSS	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478412							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.34	0.0500	1.000	0	134	54.1	142				
Aroclor 1260	1.43	0.0500	1.000	0	143	51.7	152				
Surr: Decachlorobiphenyl	243		200.0		122	25.9	167				
Surr: Tetrachloro-m-xylene	249		200.0		124	31.3	173				

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS2-34947	SampType: LCS	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: LCSS	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478413							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.14	0.0500	1.000	0	114	55.9	156				
Surr: Decachlorobiphenyl	201		200.0		101	25.9	167				
Surr: Tetrachloro-m-xylene	228		200.0		114	31.3	173				

Sample ID: 2112242-044AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: BATCH	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478415							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.69	0.0497	0.9946	0	170	26.5	166				S
Aroclor 1260	1.56	0.0497	0.9946	0	157	29.2	168				
Surr: Decachlorobiphenyl	160		198.9		80.6	25.9	167				
Surr: Tetrachloro-m-xylene	176		198.9		88.7	31.3	173				

NOTES:

S - Outlying spike recovery(ies) observed. A duplicate analysis was performed and recovered within range.

Sample ID: 2112242-044AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: BATCH	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478416							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.52	0.0500	1.001	0	152	26.5	166	1.687	10.6	30	
Aroclor 1260	1.44	0.0500	1.001	0	144	29.2	168	1.563	7.97	30	
Surr: Decachlorobiphenyl	140		200.2		70.1	25.9	167		0		
Surr: Tetrachloro-m-xylene	154		200.2		76.7	31.3	173		0		

Sample ID: 1660-CCV-34931D	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72381							
Client ID: CCV	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477899							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.911	0.0500	1.000	0	91.1	80	120				
Aroclor 1260	0.806	0.0500	1.000	0	80.6	80	120				

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34931D	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72381							
Client ID: CCV	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477899							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	119		200.0		59.5	30.2	155				
Surr: Tetrachloro-m-xylene	187		200.0		93.7	58.8	143				

Sample ID: 1660-CCV-34947B	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: CCV	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478425							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.911	0.0500	1.000	0	91.1	80	120				
Aroclor 1260	0.806	0.0500	1.000	0	80.6	80	120				
Surr: Decachlorobiphenyl	119		200.0		59.5	30.2	155				
Surr: Tetrachloro-m-xylene	187		200.0		93.7	58.8	143				

Sample ID: 1254-CCV-34931D	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72381							
Client ID: CCV	Batch ID: 34931		Analysis Date: 1/5/2022	SeqNo: 1477886							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.876	0.0500	1.000	0	87.6	80	120				
Surr: Decachlorobiphenyl	130		200.0		65.1	30.2	155				
Surr: Tetrachloro-m-xylene	198		200.0		98.9	58.8	143				

Sample ID: 1254-CCV-34947B	SampType: CCV	Units: mg/Kg	Prep Date: 1/5/2022	RunNo: 72420							
Client ID: CCV	Batch ID: 34947		Analysis Date: 1/5/2022	SeqNo: 1478426							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.879	0.0500	1.000	0	87.9	80	120				
Surr: Decachlorobiphenyl	130		200.0		65.1	30.2	155				
Surr: Tetrachloro-m-xylene	198		200.0		98.9	58.8	143				

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34958A	SampType: CCV	Units: mg/Kg	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: CCV	Batch ID: 34958		Analysis Date: 1/6/2022	SeqNo: 1478699							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.29	0.0500	1.000	0	129	80	120				S
Aroclor 1260	1.38	0.0500	1.000	0	138	80	120				S
Surr: Decachlorobiphenyl	230		200.0		115	30.2	155				
Surr: Tetrachloro-m-xylene	248		200.0		124	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect; result meets QC requirements.

Sample ID: 1254-CCV-34958A	SampType: CCV	Units: mg/Kg	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: CCV	Batch ID: 34958		Analysis Date: 1/6/2022	SeqNo: 1478700							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.16	0.0500	1.000	0	116	80	120				
Surr: Decachlorobiphenyl	203		200.0		102	30.2	155				
Surr: Tetrachloro-m-xylene	228		200.0		114	58.8	143				

Sample ID: MB-34958	SampType: MBLK	Units: mg/Kg	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: MBLKS	Batch ID: 34958		Analysis Date: 1/6/2022	SeqNo: 1478701							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	212		200.0		106	25.9	167				

Work Order: 2112301
 CLIENT: Shannon & Wilson
 Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34958	SampType: MBLK	Units: mg/Kg			Prep Date: 1/6/2022	RunNo: 72431					
Client ID: MBLKS	Batch ID: 34958				Analysis Date: 1/6/2022	SeqNo: 1478701					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 229 200.0 115 31.3 173

Sample ID: LCS1-34958	SampType: LCS	Units: mg/Kg			Prep Date: 1/6/2022	RunNo: 72431					
Client ID: LCSS	Batch ID: 34958				Analysis Date: 1/6/2022	SeqNo: 1478702					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 1.16 0.0500 1.000 0 116 54.1 142
 Aroclor 1260 1.20 0.0500 1.000 0 120 51.7 152
 Surr: Decachlorobiphenyl 213 200.0 106 25.9 167
 Surr: Tetrachloro-m-xylene 228 200.0 114 31.3 173

Sample ID: LCS2-34958	SampType: LCS	Units: mg/Kg			Prep Date: 1/6/2022	RunNo: 72431					
Client ID: LCSS	Batch ID: 34958				Analysis Date: 1/6/2022	SeqNo: 1478703					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.02 0.0500 1.000 0 102 55.9 156
 Surr: Decachlorobiphenyl 189 200.0 94.4 25.9 167
 Surr: Tetrachloro-m-xylene 210 200.0 105 31.3 173

Sample ID: 2112301-004AMS	SampType: MS	Units: mg/Kg-dry			Prep Date: 1/6/2022	RunNo: 72431					
Client ID: A4-SIDE79:7	Batch ID: 34958				Analysis Date: 1/6/2022	SeqNo: 1478705					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 1.43 0.0610 1.220 0 117 26.5 166
 Aroclor 1260 1.41 0.0610 1.220 0 116 29.2 168
 Surr: Decachlorobiphenyl 98.3 244.0 40.3 25.9 167
 Surr: Tetrachloro-m-xylene 138 244.0 56.6 31.3 173

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112301-004AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: A4-SIDE79:7	Batch ID: 34958	Analysis Date: 1/6/2022	SeqNo: 1478706								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.44	0.0596	1.193	0	121	26.5	166	1.427	0.938	30	
Aroclor 1260	1.42	0.0596	1.193	0	119	29.2	168	1.411	0.806	30	
Surr: Decachlorobiphenyl	265		238.6		111	25.9	167		0		
Surr: Tetrachloro-m-xylene	367		238.6		154	31.3	173		0		

Sample ID: 1660-CCV-34958B	SampType: CCV	Units: mg/Kg	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: CCV	Batch ID: 34958	Analysis Date: 1/6/2022	SeqNo: 1478708								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.16	0.0500	1.000	0	116	80	120				
Aroclor 1260	1.17	0.0500	1.000	0	117	80	120				
Surr: Decachlorobiphenyl	193		200.0		96.3	30.2	155				
Surr: Tetrachloro-m-xylene	231		200.0		116	58.8	143				

Sample ID: 1254-CCV-34958B	SampType: CCV	Units: mg/Kg	Prep Date: 1/6/2022	RunNo: 72431							
Client ID: CCV	Batch ID: 34958	Analysis Date: 1/6/2022	SeqNo: 1478709								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.06	0.0500	1.000	0	106	80	120				
Surr: Decachlorobiphenyl	184		200.0		91.8	30.2	155				
Surr: Tetrachloro-m-xylene	220		200.0		110	58.8	143				

Sample ID: 1660-CCV-34986A	SampType: CCV	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: CCV	Batch ID: 34986	Analysis Date: 1/10/2022	SeqNo: 1480013								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.13	0.0500	1.000	0	113	80	120				
Aroclor 1260	1.12	0.0500	1.000	0	112	80	120				
Surr: Decachlorobiphenyl	185		200.0		92.6	30.2	155				

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-34986A	SampType: CCV	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: CCV	Batch ID: 34986		Analysis Date: 1/10/2022	SeqNo: 1480013							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 223 200.0 111 58.8 143

Sample ID: 1254-CCV-34986A	SampType: CCV	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: CCV	Batch ID: 34986		Analysis Date: 1/10/2022	SeqNo: 1480014							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.03 0.0500 1.000 0 103 80 120
 Surr: Decachlorobiphenyl 183 200.0 91.3 30.2 155
 Surr: Tetrachloro-m-xylene 220 200.0 110 58.8 143

Sample ID: MB-34986	SampType: MBLK	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: MBLKS	Batch ID: 34986		Analysis Date: 1/10/2022	SeqNo: 1480034							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 ND 0.0500
 Aroclor 1221 ND 0.0500
 Aroclor 1232 ND 0.0500
 Aroclor 1242 ND 0.0500
 Aroclor 1248 ND 0.0500
 Aroclor 1254 ND 0.0500
 Aroclor 1260 ND 0.0500
 Aroclor 1262 ND 0.0500
 Aroclor 1268 ND 0.0500
 Total PCBs ND 0.0500
 Surr: Decachlorobiphenyl 210 200.0 105 25.9 167
 Surr: Tetrachloro-m-xylene 238 200.0 119 31.3 173

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1-34986	SampType: LCS	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: LCSS	Batch ID: 34986		Analysis Date: 1/10/2022	SeqNo: 1480015							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.15	0.0500	1.000	0	115	54.1	142				
Aroclor 1260	1.19	0.0500	1.000	0	119	51.7	152				
Surr: Decachlorobiphenyl	207		200.0		103	25.9	167				
Surr: Tetrachloro-m-xylene	226		200.0		113	31.3	173				

Sample ID: LCS2-34986	SampType: LCS	Units: mg/Kg	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: LCSS	Batch ID: 34986		Analysis Date: 1/10/2022	SeqNo: 1480016							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.04	0.0500	1.000	0	104	55.9	156				
Surr: Decachlorobiphenyl	187		200.0		93.5	25.9	167				
Surr: Tetrachloro-m-xylene	206		200.0		103	31.3	173				

Sample ID: 2112242-045AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: BATCH	Batch ID: 34986		Analysis Date: 1/10/2022	SeqNo: 1480018							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.27	0.0449	0.8971	0	141	26.5	166				
Aroclor 1260	1.02	0.0449	0.8971	0	114	29.2	168				
Surr: Decachlorobiphenyl	153		179.4		85.2	25.9	167				
Surr: Tetrachloro-m-xylene	170		179.4		95.0	31.3	173				

Sample ID: 2112242-045AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/10/2022	RunNo: 72513							
Client ID: BATCH	Batch ID: 34986		Analysis Date: 1/10/2022	SeqNo: 1480019							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.976	0.0451	0.9021	0	108	26.5	166	1.268	26.0	30	
Aroclor 1260	0.894	0.0451	0.9021	0	99.1	29.2	168	1.021	13.3	30	
Surr: Decachlorobiphenyl	143		180.4		79.0	25.9	167		0		

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112242-045AMSD	SampType: MSD	Units: mg/Kg-dry			Prep Date: 1/10/2022	RunNo: 72513					
Client ID: BATCH	Batch ID: 34986				Analysis Date: 1/10/2022	SeqNo: 1480019					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene	174		180.4		96.4	31.3	173			0	

Sample ID: 1660-CCV-34986B	SampType: CCV	Units: mg/Kg			Prep Date: 1/10/2022	RunNo: 72513					
Client ID: CCV	Batch ID: 34986				Analysis Date: 1/10/2022	SeqNo: 1480026					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.19	0.0500	1.000	0	119	80	120				
Aroclor 1260	1.19	0.0500	1.000	0	119	80	120				
Surr: Decachlorobiphenyl	189		200.0		94.6	30.2	155				
Surr: Tetrachloro-m-xylene	228		200.0		114	58.8	143				

Sample ID: 1254-CCV-34986B	SampType: CCV	Units: mg/Kg			Prep Date: 1/10/2022	RunNo: 72513					
Client ID: CCV	Batch ID: 34986				Analysis Date: 1/10/2022	SeqNo: 1480027					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.11	0.0500	1.000	0	111	80	120				
Surr: Decachlorobiphenyl	185		200.0		92.7	30.2	155				
Surr: Tetrachloro-m-xylene	231		200.0		115	58.8	143				

Sample ID: 1660-CCV-35012A	SampType: CCV	Units: mg/Kg			Prep Date: 1/21/2022	RunNo: 72719					
Client ID: CCV	Batch ID: 35102				Analysis Date: 1/21/2022	SeqNo: 1484295					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.999	0.0500	1.000	0	99.9	80	120				
Aroclor 1260	1.02	0.0500	1.000	0	102	80	120				
Surr: Decachlorobiphenyl	199		200.0		99.5	30.2	155				
Surr: Tetrachloro-m-xylene	213		200.0		107	58.8	143				

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-35012A	SampType: CCV	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: CCV	Batch ID: 35102		Analysis Date: 1/21/2022	SeqNo: 1484296							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.961	0.0500	1.000	0	96.1	80	120				
Surr: Decachlorobiphenyl	183		200.0		91.5	30.2	155				
Surr: Tetrachloro-m-xylene	204		200.0		102	58.8	143				

Sample ID: MB-35102	SampType: MBLK	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: MBLKS	Batch ID: 35102		Analysis Date: 1/21/2022	SeqNo: 1484297							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	197		200.0		98.7	25.9	167				
Surr: Tetrachloro-m-xylene	238		200.0		119	31.3	173				

Sample ID: LCS1-35102	SampType: LCS	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: LCSS	Batch ID: 35102		Analysis Date: 1/21/2022	SeqNo: 1484298							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.23	0.0500	1.000	0	123	54.1	142				
Aroclor 1260	1.31	0.0500	1.000	0	131	51.7	152				
Surr: Decachlorobiphenyl	229		200.0		114	25.9	167				
Surr: Tetrachloro-m-xylene	237		200.0		119	31.3	173				

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: LCS1-35102	SampType: LCS	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: LCSS	Batch ID: 35102	Analysis Date: 1/21/2022	SeqNo: 1484298								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: LCS2-35102	SampType: LCS	Units: mg/Kg	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: LCSS	Batch ID: 35102	Analysis Date: 1/21/2022	SeqNo: 1484299								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.07	0.0500	1.000	0	107	55.9	156				
Surr: Decachlorobiphenyl	201		200.0		101	25.9	167				
Surr: Tetrachloro-m-xylene	223		200.0		111	31.3	173				

Sample ID: 2201269-001AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: BATCH	Batch ID: 35102	Analysis Date: 1/21/2022	SeqNo: 1484301								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.30	0.0543	1.085	0	120	26.5	166				
Aroclor 1260	1.21	0.0543	1.085	0	111	29.2	168				
Surr: Decachlorobiphenyl	171		217.1		79.0	25.9	167				
Surr: Tetrachloro-m-xylene	228		217.1		105	31.3	173				

Sample ID: 2201269-001AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 1/21/2022	RunNo: 72719							
Client ID: BATCH	Batch ID: 35102	Analysis Date: 1/21/2022	SeqNo: 1484302								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.34	0.0524	1.049	0	128	26.5	166	1.299	3.07	30	
Aroclor 1260	1.31	0.0524	1.049	0	125	29.2	168	1.210	7.65	30	
Surr: Decachlorobiphenyl	171		209.8		81.6	25.9	167		0		
Surr: Tetrachloro-m-xylene	243		209.8		116	31.3	173		0		

Work Order: 2112301
CLIENT: Shannon & Wilson
Project: 8801- Remediaton

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-35012B		SampType: CCV		Units: mg/Kg		Prep Date: 1/21/2022		RunNo: 72719			
Client ID: CCV		Batch ID: 35102				Analysis Date: 1/21/2022		SeqNo: 1484308			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.06	0.0500	1.000	0	106	80	120				
Aroclor 1260	1.06	0.0500	1.000	0	106	80	120				
Surr: Decachlorobiphenyl	188		200.0		93.9	30.2	155				
Surr: Tetrachloro-m-xylene	225		200.0		113	58.8	143				

Sample ID: 1254-CCV-35012B		SampType: CCV		Units: mg/Kg		Prep Date: 1/21/2022		RunNo: 72719			
Client ID: CCV		Batch ID: 35102				Analysis Date: 1/21/2022		SeqNo: 1484309			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.06	0.0500	1.000	0	106	80	120				
Surr: Decachlorobiphenyl	185		200.0		92.4	30.2	155				
Surr: Tetrachloro-m-xylene	221		200.0		110	58.8	143				

Client Name: SW	Work Order Number: 2112301
Logged by: Clare Griggs	Date Received: 12/16/2021 5:15:00 PM

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >2°C to 6°C * Yes No NA
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text" value="Mea Strona"/>	Date:	<input type="text" value="12/29/2021"/>
By Whom:	<input type="text" value="Clare Griggs"/>	Via:	<input checked="" type="checkbox"/> eMail <input checked="" type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text" value="Confirming COC sample names. Did not receive volume for A4-SIDE85:1.5."/>		
Client Instructions:	<input type="text" value="See revised COC."/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Sample	3.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 12/16/2021 Page: 7 of 7

Project Name: 8801 - Remediation

Project No: 21-1-12567-030

Collected by: RMV

Location: Tukwila, WA

Report To (PM): Meg Strong

PM Email: MTS@stewart.com

Laboratory Project No (Internal): 2112301

Special Remarks: X = add per MS 2 Day 12/30/21 -CG

O = Hold Analysis

Sample Disposal: Return to client Disposal by lab (after 30 days)

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCS (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) Dissolved (D)	Anions (Cl)***	EDB (8011)	Copper	Comments
1 A4-SIDE86:14	12/16	1439	S	1														
2 A4-SIDE86:14		1440																
3 A4-SIDE87:12		1500																
4 A4-SIDE87:6.S		1510																
5																		
6																		
7																		
8																		
9																		
10																		

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCR-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Tl Ti V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature) *[Signature]* Print Name *Rose Vogt* Date/Time *12/16 1700*

Relinquished (Signature) *[Signature]* Print Name *Alex Trejo* Date/Time *12/16/2021 17:15*

DATA SET for Review -- Deliverable Requirements

Polychlorinated Biphenyls (PCB) by EPA 8082

Fremont Analytical Work Order No. 2112301

Shannon & Wilson

Project Name: 8801- Remediation

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information

Data Directory: D:\GC-16\Data\2021\111721\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 111701.D CO	8081_8082A_608.M	6	1.000	17 Nov 2021 09:26 am
2) 111702.D 1660 10	8081_8082A_608.M	11	1.000	17 Nov 2021 09:36 am
3) 111703.D 1660 20	8081_8082A_608.M	12	1.000	17 Nov 2021 09:45 am
4) 111704.D 1660 50	8081_8082A_608.M	13	1.000	17 Nov 2021 09:55 am
5) 111705.D 1660 100	8081_8082A_608.M	14	1.000	17 Nov 2021 10:05 am
6) 111706.D 1660 200	8081_8082A_608.M	15	1.000	17 Nov 2021 10:15 am
7) 111707.D 1660 500	8081_8082A_608.M	16	1.000	17 Nov 2021 10:24 am
8) 111708.D 1660 1000	8081_8082A_608.M	17	1.000	17 Nov 2021 10:34 am
9) 111709.D 1660 2000	8081_8082A_608.M	18	1.000	17 Nov 2021 10:44 am
10) 111710.D 1660 ICB	8081_8082A_608.M	19	1.000	17 Nov 2021 10:53 am
11) 111711.D 1660 ICV	8081_8082A_608.M	20	1.000	17 Nov 2021 11:03 am
12) 111712.D 1254 10	8081_8082A_608.M	21	1.000	17 Nov 2021 11:13 am
13) 111713.D 1254 20	8081_8082A_608.M	22	1.000	17 Nov 2021 11:22 am
14) 111714.D 1254 50	8081_8082A_608.M	23	1.000	17 Nov 2021 11:32 am
15) 111715.D 1254 100	8081_8082A_608.M	24	1.000	17 Nov 2021 11:42 am
16) 111716.D 1254 200	8081_8082A_608.M	25	1.000	17 Nov 2021 11:52 am
17) 111717.D 1254 500	8081_8082A_608.M	26	1.000	17 Nov 2021 12:01 pm
18) 111718.D 1254 1000	8081_8082A_608.M	27	1.000	17 Nov 2021 12:11 pm
19) 111719.D 1254 2000	8081_8082A_608.M	28	1.000	17 Nov 2021 12:21 pm
20) 111720.D 1254 ICB	8081_8082A_608.M	29	1.000	17 Nov 2021 12:30 pm
21) 111721.D 1254 ICV	8081_8082A_608.M	30	1.000	17 Nov 2021 12:40 pm

22)	111722.D	8081_8082A_608.M	31	1.000	17 Nov 2021	12:50	pm
23)	111723.D	8081_8082A_608.M	32	1.000	17 Nov 2021	01:00	pm
24)	111724.D	8081_8082A_608.M	33	1.000	17 Nov 2021	01:09	pm
25)	111725.D	8081_8082A_608.M	34	1.000	17 Nov 2021	01:19	pm
26)	111726.D	8081_8082A_608.M	35	1.000	17 Nov 2021	01:29	pm
27)	111727.D	8081_8082A_608.M	36	1.000	17 Nov 2021	01:39	pm
28)	111728.D	8081_8082A_608.M	37	1.000	17 Nov 2021	01:48	pm
29)	111729.D	8081_8082A_608.M	38	1.000	17 Nov 2021	01:58	pm
30)	111730.D	8081_8082A_608.M	39	1.000	17 Nov 2021	02:08	pm
31)	111731.D	8081_8082A_608.M	40	1.000	17 Nov 2021	02:17	pm
32)	111732.D	8081_8082A_608.M	6	1.000	17 Nov 2021	02:27	pm
33)	111733.D	8081_8082A_608.M	7	1.000	17 Nov 2021	02:37	pm
34)	111734.D	8081_8082A_608.M	8	1.000	17 Nov 2021	02:47	pm
35)	111735.D	8081_8082A_608.M	41	1.000	17 Nov 2021	02:56	pm
36)	111736.D	8081_8082A_608.M	42	1.000	17 Nov 2021	03:06	pm
37)	111737.D	8081_8082A_608.M	43	1.000	17 Nov 2021	03:16	pm
38)	111738.D	8081_8082A_608.M	44	1.000	17 Nov 2021	03:26	pm
39)	111739.D	8081_8082A_608.M	45	1.000	17 Nov 2021	03:35	pm
40)	111740.D	8081_8082A_608.M	46	1.000	17 Nov 2021	03:45	pm
41)	111741.D	8081_8082A_608.M	47	1.000	17 Nov 2021	03:55	pm
42)	111742.D	8081_8082A_608.M	48	1.000	17 Nov 2021	04:04	pm
43)	111743.D	8081_8082A_608.M	6	1.000	17 Nov 2021	04:14	pm
44)	111744.D	8081_8082A_608.M	7	1.000	17 Nov 2021	04:24	pm
45)	111745.D	8081_8082A_608.M					

1221-CCV		8	1.000	17 Nov 2021	04:34	pm
46) 111746.D	8081_8082A_608.M					
MB-34460		51	1.000	17 Nov 2021	04:43	pm
47) 111747.D	8081_8082A_608.M					
LC1-34460		52	1.000	17 Nov 2021	04:53	pm
48) 111748.D	8081_8082A_608.M					
LCS1D-34460		53	1.000	17 Nov 2021	05:03	pm
49) 111749.D	8081_8082A_608.M					
LCS2-34460		54	1.000	17 Nov 2021	05:12	pm
50) 111750.D	8081_8082A_608.M					
LCS-LL-34460		55	1.000	17 Nov 2021	05:22	pm
51) 111751.D	8081_8082A_608.M					
2111233-001A		56	1.000	17 Nov 2021	05:32	pm
52) 111752.D	8081_8082A_608.M					
2111234-001A		57	1.000	17 Nov 2021	05:42	pm
53) 111753.D	8081_8082A_608.M					
2111317-001A		58	1.000	17 Nov 2021	05:51	pm
54) 111754.D	8081_8082A_608.M					
2111318-001A		59	1.000	17 Nov 2021	06:01	pm
55) 111755.D	8081_8082A_608.M					
2111338-001D		60	1.000	17 Nov 2021	06:11	pm
56) 111756.D	8081_8082A_608.M					
2111339-001D		61	1.000	17 Nov 2021	06:20	pm
57) 111757.D	8081_8082A_608.M					
2111339-001DMS		62	1.000	17 Nov 2021	06:30	pm
58) 111758.D	8081_8082A_608.M					
CO		6	1.000	17 Nov 2021	06:40	pm
59) 111759.D	8081_8082A_608.M					
1660-CCV-		6	1.000	17 Nov 2021	06:50	pm
60) 111760.D	8081_8082A_608.M					
1254-CCV-		7	1.000	17 Nov 2021	06:59	pm
61) 111761.D	8081_8082A_608.M					
MB-34475		71	1.000	17 Nov 2021	07:09	pm
62) 111762.D	8081_8082A_608.M					
LCS1-34475		72	1.000	17 Nov 2021	07:19	pm
63) 111763.D	8081_8082A_608.M					
LCS2-34475		73	1.000	17 Nov 2021	07:29	pm
64) 111764.D	8081_8082A_608.M					
2111300-010A		74	1.000	17 Nov 2021	07:38	pm
65) 111765.D	8081_8082A_608.M					
2111300-010AMS		75	1.000	17 Nov 2021	07:48	pm
66) 111766.D	8081_8082A_608.M					
2111300-010AMSD		76	1.000	17 Nov 2021	07:58	pm
67) 111767.D	8081_8082A_608.M					
2111335-001A		77	1.000	17 Nov 2021	08:07	pm
68) 111768.D	8081_8082A_608.M					
2111335-002A		78	1.000	17 Nov 2021	08:17	pm

69) 111769.D 2111335-003A	8081_8082A_608.M	79	1.000	17 Nov 2021	08:27 pm

70) 111770.D CO	8081_8082A_608.M	7	1.000	17 Nov 2021	08:37 pm

71) 111771.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Nov 2021	08:46 pm

72) 111772.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Nov 2021	08:56 pm

Data Directory: D:\GC-16\Data\2021\123021\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 123001.D CO	8081_8082A_608.M	6	1.000	30 Dec 2021 09:30 am
2) 123002.D co	8081_8082A_608.M	7	1.000	30 Dec 2021 09:40 am
3) 123003.D 1660-CCV-	8081_8082A_608.M	6	1.000	30 Dec 2021 09:49 am
4) 123004.D 1254-CCV-	8081_8082A_608.M	7	1.000	30 Dec 2021 09:59 am
5) 123005.D 1660-CCV-NEW	8081_8082A_608.M	4	1.000	30 Dec 2021 12:01 pm
6) 123006.D 1254-CCV-NEW	8081_8082A_608.M	5	1.000	30 Dec 2021 12:11 pm
7) 123007.D MB-34910	8081_8082A_608.M	11	1.000	30 Dec 2021 03:14 pm
8) 123008.D LCS1-34910	8081_8082A_608.M	12	1.000	30 Dec 2021 03:23 pm
9) 123009.D LCS2-34910	8081_8082A_608.M	13	1.000	30 Dec 2021 03:33 pm
10) 123010.D 2112277-019A	8081_8082A_608.M	14	1.000	30 Dec 2021 03:43 pm
11) 123011.D 2112277-019AMS	8081_8082A_608.M	15	1.000	30 Dec 2021 03:53 pm
12) 123012.D 2112277-019AMSD	8081_8082A_608.M	16	1.000	30 Dec 2021 04:03 pm
13) 123013.D 2112277-020A	8081_8082A_608.M	17	1.000	30 Dec 2021 04:12 pm
14) 123014.D 2112277-021A	8081_8082A_608.M	18	1.000	30 Dec 2021 04:22 pm
15) 123015.D 2112277-022A	8081_8082A_608.M	19	1.000	30 Dec 2021 04:32 pm
16) 123016.D 2112277-023A	8081_8082A_608.M	20	1.000	30 Dec 2021 04:42 pm
17) 123017.D 2112277-054A	8081_8082A_608.M	21	1.000	30 Dec 2021 04:51 pm
18) 123018.D 2112277-064A	8081_8082A_608.M	22	1.000	30 Dec 2021 05:01 pm
19) 123019.D 2112301-001A	8081_8082A_608.M	23	1.000	30 Dec 2021 05:11 pm
20) 123020.D 2112301-002A	8081_8082A_608.M	24	1.000	30 Dec 2021 05:21 pm
21) 123021.D 2112301-063A	8081_8082A_608.M	25	1.000	30 Dec 2021 05:31 pm

22) 123022.D	8081_8082A_608.M	26	1.000	30 Dec 2021	05:40 pm
2112301-064A					
23) 123023.D	8081_8082A_608.M	27	1.000	30 Dec 2021	05:50 pm
2112321-001A					
24) 123024.D	8081_8082A_608.M	28	1.000	30 Dec 2021	06:00 pm
2112321-002A					
25) 123025.D	8081_8082A_608.M	29	1.000	30 Dec 2021	06:10 pm
2112321-003A					
26) 123026.D	8081_8082A_608.M	4	1.000	30 Dec 2021	06:19 pm
co					
27) 123027.D	8081_8082A_608.M	4	1.000	30 Dec 2021	06:29 pm
1660-CCV-					
28) 123028.D	8081_8082A_608.M	5	1.000	30 Dec 2021	06:39 pm
1254-CCV-					

Data Directory: D:\GC-16\Data\2021\010522\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 010501.D CO	8081_8082A_608.M	6	1.000	05 Jan 2022 12:08 pm
2) 010502.D co	8081_8082A_608.M	7	1.000	05 Jan 2022 12:18 pm
3) 010503.D 1660-CCV-	8081_8082A_608.M	6	1.000	05 Jan 2022 12:28 pm
4) 010504.D 1254-CCV-	8081_8082A_608.M	7	1.000	05 Jan 2022 12:38 pm
5) 010505.D MB-34931	8081_8082A_608.M	71	1.000	05 Jan 2022 01:02 pm
6) 010506.D LCS1-34931	8081_8082A_608.M	72	1.000	05 Jan 2022 01:11 pm
7) 010507.D LCS2-34931	8081_8082A_608.M	73	1.000	05 Jan 2022 01:21 pm
8) 010508.D 2112277-055A	8081_8082A_608.M	74	1.000	05 Jan 2022 01:31 pm
9) 010509.D 2112301-003A	8081_8082A_608.M	75	1.000	05 Jan 2022 01:41 pm
10) 010510.D 2112301-003AMS	8081_8082A_608.M	76	1.000	05 Jan 2022 01:50 pm
11) 010511.D 2112301-003AMSD	8081_8082A_608.M	77	1.000	05 Jan 2022 02:00 pm
12) 010512.D 2112301-014A	8081_8082A_608.M	78	1.000	05 Jan 2022 02:10 pm
13) 010513.D 2112301-015A	8081_8082A_608.M	79	1.000	05 Jan 2022 02:20 pm
14) 010514.D 2112301-027A	8081_8082A_608.M	80	1.000	05 Jan 2022 02:30 pm
15) 010515.D 2112301-028A	8081_8082A_608.M	81	1.000	05 Jan 2022 02:39 pm
16) 010516.D 2112441-021A	8081_8082A_608.M	82	1.000	05 Jan 2022 02:49 pm
17) 010517.D 2112441-024A	8081_8082A_608.M	83	1.000	05 Jan 2022 02:59 pm
18) 010518.D 1660-CCV-	8081_8082A_608.M	4	1.000	05 Jan 2022 03:09 pm
19) 010519.D 1254-CCV-	8081_8082A_608.M	5	1.000	05 Jan 2022 03:19 pm
20) 010520.D 1254-CCV-	8081_8082A_608.M	7	1.000	05 Jan 2022 03:41 pm
21) 010521.D 1254-CCV-	8081_8082A_608.M	7	1.000	05 Jan 2022 03:51 pm

22) 010522.D 1660-CCV-	8081_8082A_608.M	6	1.000	05 Jan 2022	04:01 pm
23) 010523.D 2112301-027A 10X	8081_8082A_608.M	84	1.000	05 Jan 2022	04:10 pm
24) 010524.D MB-34947	8081_8082A_608.M	11	1.000	05 Jan 2022	04:20 pm
25) 010525.D LCS1-34947	8081_8082A_608.M	12	1.000	05 Jan 2022	04:30 pm
26) 010526.D LCS2-34947	8081_8082A_608.M	13	1.000	05 Jan 2022	04:40 pm
27) 010527.D 2112242-044A	8081_8082A_608.M	14	1.000	05 Jan 2022	04:50 pm
28) 010528.D 2112242-044AMS	8081_8082A_608.M	15	1.000	05 Jan 2022	04:59 pm
29) 010529.D 2112242-044AMSD	8081_8082A_608.M	16	1.000	05 Jan 2022	05:09 pm
30) 010530.D 2112242-053A	8081_8082A_608.M	17	1.000	05 Jan 2022	05:19 pm
31) 010531.D 2112242-061A	8081_8082A_608.M	18	1.000	05 Jan 2022	05:29 pm
32) 010532.D 2112242-071A	8081_8082A_608.M	19	1.000	05 Jan 2022	05:38 pm
33) 010533.D 2112301-029A	8081_8082A_608.M	20	1.000	05 Jan 2022	05:48 pm
34) 010534.D 2112301-030A	8081_8082A_608.M	21	1.000	05 Jan 2022	05:58 pm
35) 010535.D 2112301-052A	8081_8082A_608.M	22	1.000	05 Jan 2022	06:08 pm
36) 010536.D 2112301-053A	8081_8082A_608.M	23	1.000	05 Jan 2022	06:17 pm
37) 010537.D 2112301-057A	8081_8082A_608.M	24	1.000	05 Jan 2022	06:27 pm
38) 010538.D 1660-CCV-	8081_8082A_608.M	4	1.000	05 Jan 2022	06:37 pm
39) 010539.D 1254-CCV-	8081_8082A_608.M	5	1.000	05 Jan 2022	06:47 pm

Data Directory: D:\GC-16\Data\2022\010622\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 010601.D CO	8081_8082A_608.M	6	1.000	06 Jan 2022 12:02 pm
2) 010602.D co	8081_8082A_608.M	7	1.000	06 Jan 2022 12:12 pm
3) 010603.D 1660-CCV-	8081_8082A_608.M	6	1.000	06 Jan 2022 12:21 pm
4) 010604.D 1254-CCV-	8081_8082A_608.M	7	1.000	06 Jan 2022 12:31 pm
5) 010605.D MB-34950	8081_8082A_608.M	41	1.000	06 Jan 2022 04:09 pm
6) 010606.D LCS1-34950	8081_8082A_608.M	42	1.000	06 Jan 2022 04:19 pm
7) 010607.D LCS1D-34950	8081_8082A_608.M	43	1.000	06 Jan 2022 04:29 pm
8) 010608.D LCS-LL-34950	8081_8082A_608.M	44	1.000	06 Jan 2022 04:38 pm
9) 010609.D 2201030-001D	8081_8082A_608.M	45	1.000	06 Jan 2022 04:48 pm
10) 010610.D 2201030-001DMS	8081_8082A_608.M	46	1.000	06 Jan 2022 04:58 pm
11) 010611.D 2201034-003A	8081_8082A_608.M	47	1.000	06 Jan 2022 05:08 pm
12) 010612.D 2201035-001D	8081_8082A_608.M	48	1.000	06 Jan 2022 05:18 pm
13) 010613.D co	8081_8082A_608.M	7	1.000	06 Jan 2022 05:27 pm
14) 010614.D 1660-CCV-	8081_8082A_608.M	6	1.000	06 Jan 2022 05:37 pm
15) 010615.D 1254-CCV-	8081_8082A_608.M	7	1.000	06 Jan 2022 05:47 pm
16) 010616.D MB-34958	8081_8082A_608.M	31	1.000	06 Jan 2022 05:57 pm
17) 010617.D LCS1-34958	8081_8082A_608.M	32	1.000	06 Jan 2022 06:06 pm
18) 010618.D LCS2-34958	8081_8082A_608.M	33	1.000	06 Jan 2022 06:16 pm
19) 010619.D 2112301-004A	8081_8082A_608.M	34	1.000	06 Jan 2022 06:26 pm
20) 010620.D 2112301-004AMS	8081_8082A_608.M	35	1.000	06 Jan 2022 06:36 pm
21) 010621.D 2112301-004AMSD	8081_8082A_608.M	36	1.000	06 Jan 2022 06:46 pm

22) 010622.D	8081_8082A_608.M	37	1.000	06 Jan 2022	06:55 pm
2112277-056A					

23) 010623.D	8081_8082A_608.M	6	1.000	06 Jan 2022	07:05 pm
1660-CCV-					

24) 010624.D	8081_8082A_608.M	7	1.000	06 Jan 2022	07:15 pm
1254-CCV-					

Data Directory: D:\GC-16\Data\2022\011022\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 011001.D CO	8081_8082A_608.M	6	1.000	10 Jan 2022 08:53 am
2) 011002.D co	8081_8082A_608.M	7	1.000	10 Jan 2022 09:03 am
3) 011003.D 1660-CCV-	8081_8082A_608.M	6	1.000	10 Jan 2022 09:12 am
4) 011004.D 1254-CCV-	8081_8082A_608.M	7	1.000	10 Jan 2022 09:22 am
5) 011005.D MB-34975	8081_8082A_608.M	101	1.000	10 Jan 2022 01:09 pm
6) 011006.D LCS1-34975	8081_8082A_608.M	102	1.000	10 Jan 2022 01:18 pm
7) 011007.D LCS1D-34975	8081_8082A_608.M	103	1.000	10 Jan 2022 01:28 pm
8) 011008.D 2201084-001A	8081_8082A_608.M	107	1.000	10 Jan 2022 01:38 pm
9) 011009.D 2201072-001D	8081_8082A_608.M	104	1.000	10 Jan 2022 01:48 pm
10) 011010.D 2201082-001A	8081_8082A_608.M	105	1.000	10 Jan 2022 01:57 pm
11) 011011.D 2201082-002A	8081_8082A_608.M	106	1.000	10 Jan 2022 02:07 pm
12) 011012.D LCS-LL-34975	8081_8082A_608.M	108	1.000	10 Jan 2022 02:17 pm
13) 011013.D co	8081_8082A_608.M	7	1.000	10 Jan 2022 02:27 pm
14) 011014.D 1660-CCV-	8081_8082A_608.M	6	1.000	10 Jan 2022 02:37 pm
15) 011015.D 1254-CCV-	8081_8082A_608.M	7	1.000	10 Jan 2022 02:46 pm
16) 011016.D MB-34986	8081_8082A_608.M	111	1.000	10 Jan 2022 02:56 pm
17) 011017.D LCS1-34986	8081_8082A_608.M	112	1.000	10 Jan 2022 03:06 pm
18) 011018.D LCS2-34986	8081_8082A_608.M	113	1.000	10 Jan 2022 03:16 pm
19) 011019.D 2112242-045A	8081_8082A_608.M	114	1.000	10 Jan 2022 03:25 pm
20) 011020.D 2112242-045AMS	8081_8082A_608.M	115	1.000	10 Jan 2022 03:35 pm
21) 011021.D 2112242-045AMSD	8081_8082A_608.M	116	1.000	10 Jan 2022 03:45 pm

22) 011022.D 2112242-062A	8081_8082A_608.M	117	1.000	10 Jan 2022	03:55 pm
23) 011023.D 2112301-040A	8081_8082A_608.M	118	1.000	10 Jan 2022	04:05 pm
24) 011024.D 2112301-043A	8081_8082A_608.M	119	1.000	10 Jan 2022	04:14 pm
25) 011025.D 2112301-050A	8081_8082A_608.M	120	1.000	10 Jan 2022	04:24 pm
26) 011026.D 2112301-005A	8081_8082A_608.M	121	1.000	10 Jan 2022	04:34 pm
27) 011027.D 2112277-057A	8081_8082A_608.M	122	1.000	10 Jan 2022	04:44 pm
28) 011028.D co	8081_8082A_608.M	7	1.000	10 Jan 2022	04:53 pm
29) 011029.D 1660-CCV-	8081_8082A_608.M	6	1.000	10 Jan 2022	05:03 pm
30) 011030.D 1254-CCV-	8081_8082A_608.M	7	1.000	10 Jan 2022	05:13 pm

Data Directory: D:\GC-16\Data\2022\012122\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 012121.D No data found	8081_8082A_608.M		0.000	N/A
2) 012101.D CO	8081_8082A_608.M	6	1.000	21 Jan 2022 08:59 am
3) 012102.D co	8081_8082A_608.M	7	1.000	21 Jan 2022 09:08 am
4) 012103.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Jan 2022 09:18 am
5) 012104.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Jan 2022 09:28 am
6) 012105.D MB-35102	8081_8082A_608.M	41	1.000	21 Jan 2022 11:03 am
7) 012106.D LCS1-35102	8081_8082A_608.M	42	1.000	21 Jan 2022 11:13 am
8) 012107.D LCS2-35102	8081_8082A_608.M	43	1.000	21 Jan 2022 11:22 am
9) 012108.D 2112301-031A	8081_8082A_608.M	44	1.000	21 Jan 2022 11:32 am
10) 012109.D 2201269-001A	8081_8082A_608.M	45	1.000	21 Jan 2022 11:42 am
11) 012110.D 2201269-001AMS	8081_8082A_608.M	46	1.000	21 Jan 2022 11:52 am
12) 012111.D 2201269-001AMSD	8081_8082A_608.M	47	1.000	21 Jan 2022 12:02 pm
13) 012112.D 2201269-004A	8081_8082A_608.M	48	1.000	21 Jan 2022 12:11 pm
14) 012113.D 2112277-047A	8081_8082A_608.M	49	1.000	21 Jan 2022 12:21 pm
15) 012114.D 2112277-065A	8081_8082A_608.M	50	1.000	21 Jan 2022 12:31 pm
16) 012115.D 2201142-036A	8081_8082A_608.M	51	1.000	21 Jan 2022 12:41 pm
17) 012116.D 2201139-019A	8081_8082A_608.M	52	1.000	21 Jan 2022 12:51 pm
18) 012117.D co	8081_8082A_608.M	7	1.000	21 Jan 2022 01:01 pm
19) 012118.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Jan 2022 01:10 pm
20) 012119.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Jan 2022 01:20 pm
21) 012120.D 1242-CCV-	8081_8082A_608.M	8	1.000	21 Jan 2022 02:14 pm

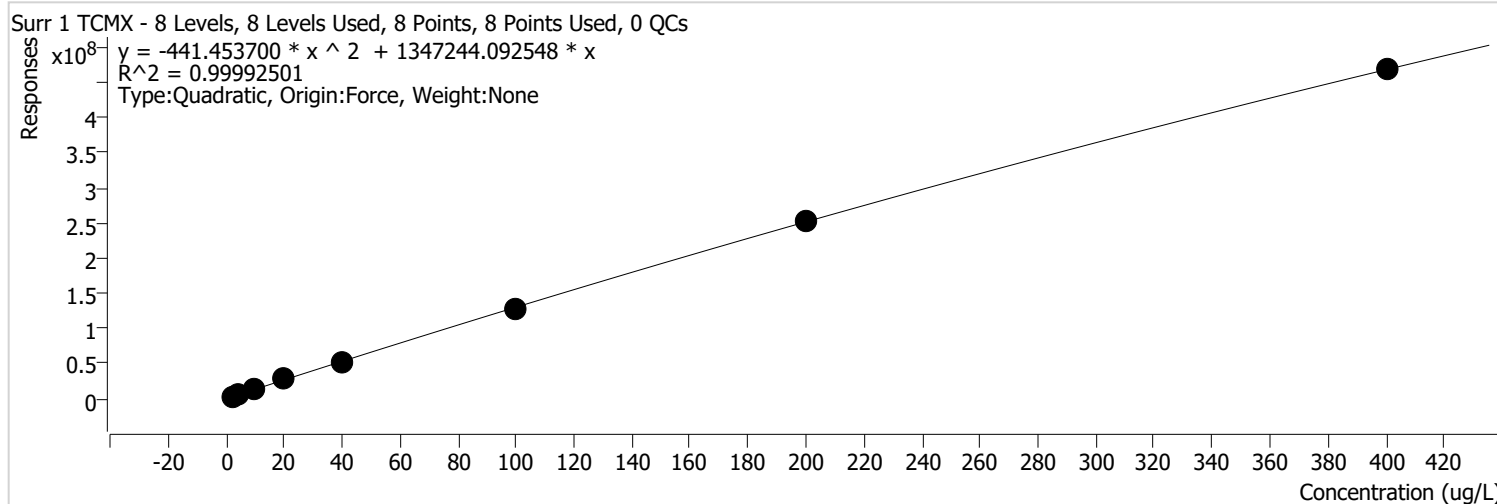


Calibration

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:03 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE =



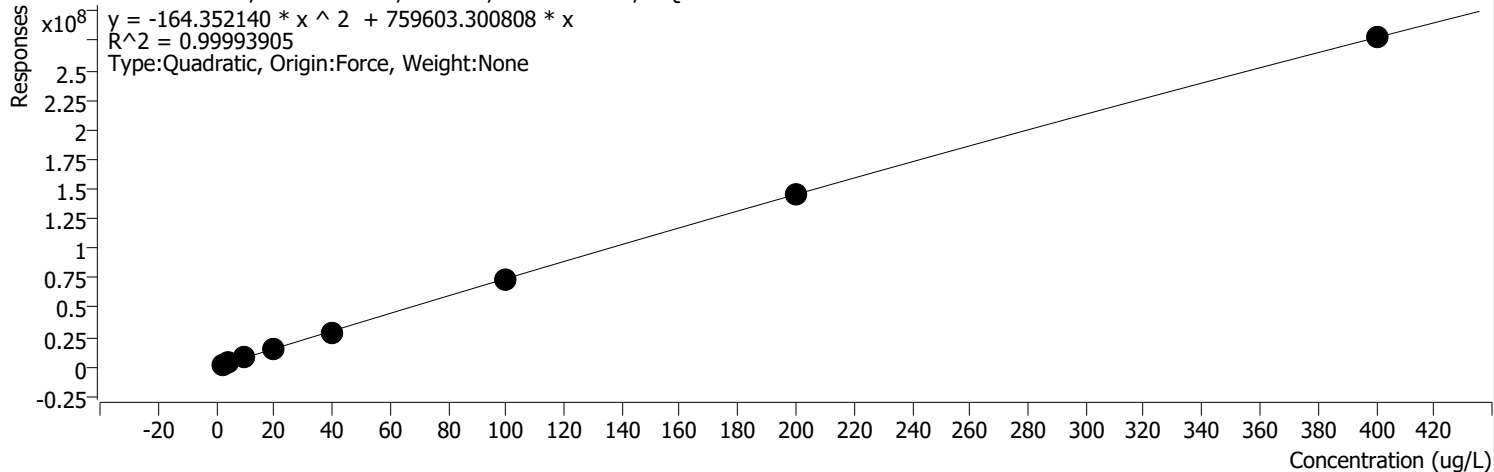
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D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	14133613	10.0000	1413361.2648	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	28037354	20.0000	1401867.7024	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	50268557	40.0000	1256713.9292	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	129331209	100.0000	1293312.0925	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	253231815	200.0000	1266159.0745	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	467991390	400.0000	1169978.4744	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE =

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



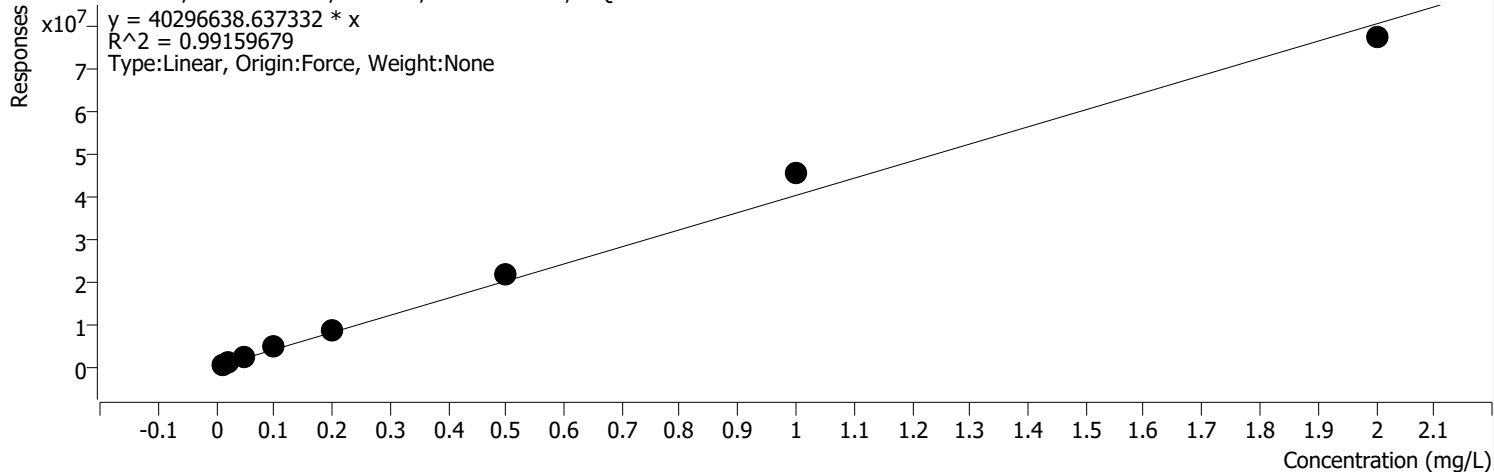
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1747536	2.0000	873767.8020	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3355011	4.0000	838752.6380	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	7906471	10.0000	790647.0906	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	15333111	20.0000	766655.5528	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	28540689	40.0000	713517.2319	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	73719827	100.0000	737198.2735	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	146274925	200.0000	731374.6273	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	277365247	400.0000	693413.1187	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE = 27.7

A1254 1 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

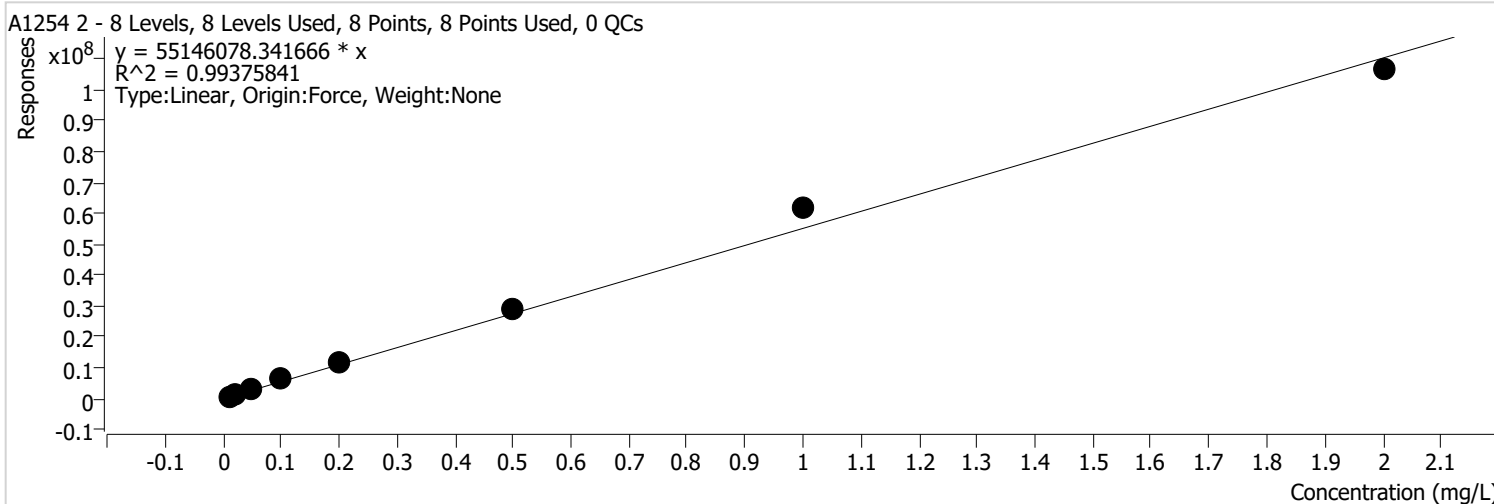


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1097096	0.0200	54854822 .0462	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2571334	0.0500	51426677 .3242	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4850080	0.1000	48500798 .7335	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8688904	0.2000	43444520 .7125	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	21613150	0.5000	43226300 .7013	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	45839065	1.0000	45839065 .3357	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	77334201	2.0000	38667100 .3795	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 %RSE = 25.1

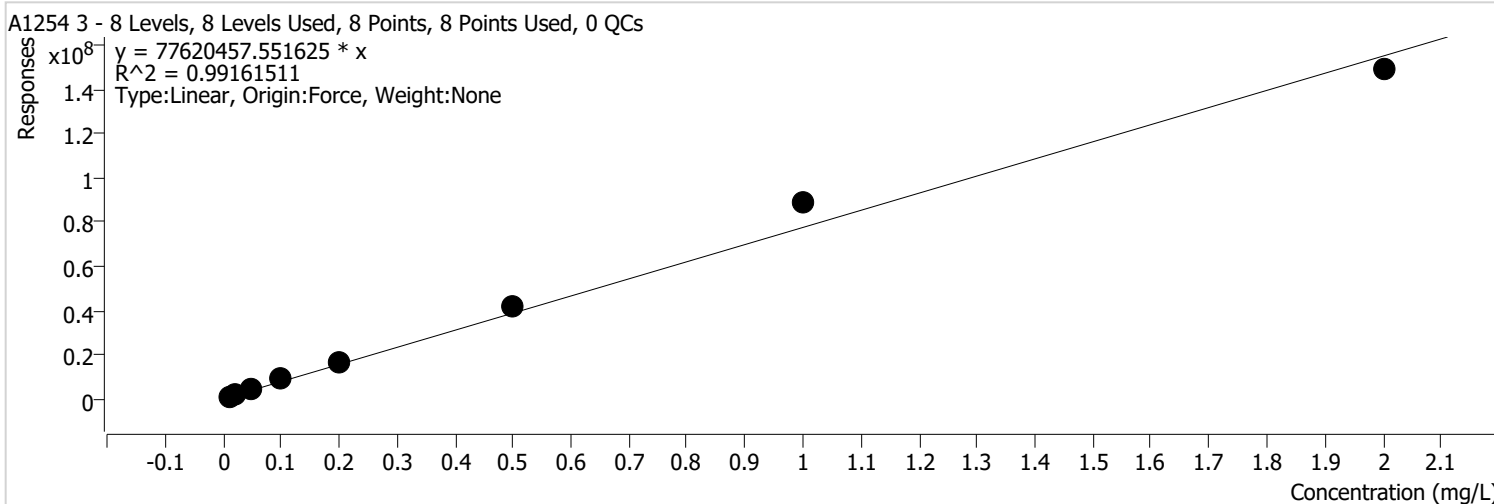


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1490100	0.0200	74504983 .0310	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3523234	0.0500	70464671 .0095	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6497170	0.1000	64971695 .9121	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11711269	0.2000	58556347 .3659	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29266351	0.5000	58532701 .2157	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	61701655	1.0000	61701654 .5006	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	106449724	2.0000	53224862 .1449	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE = 30.4

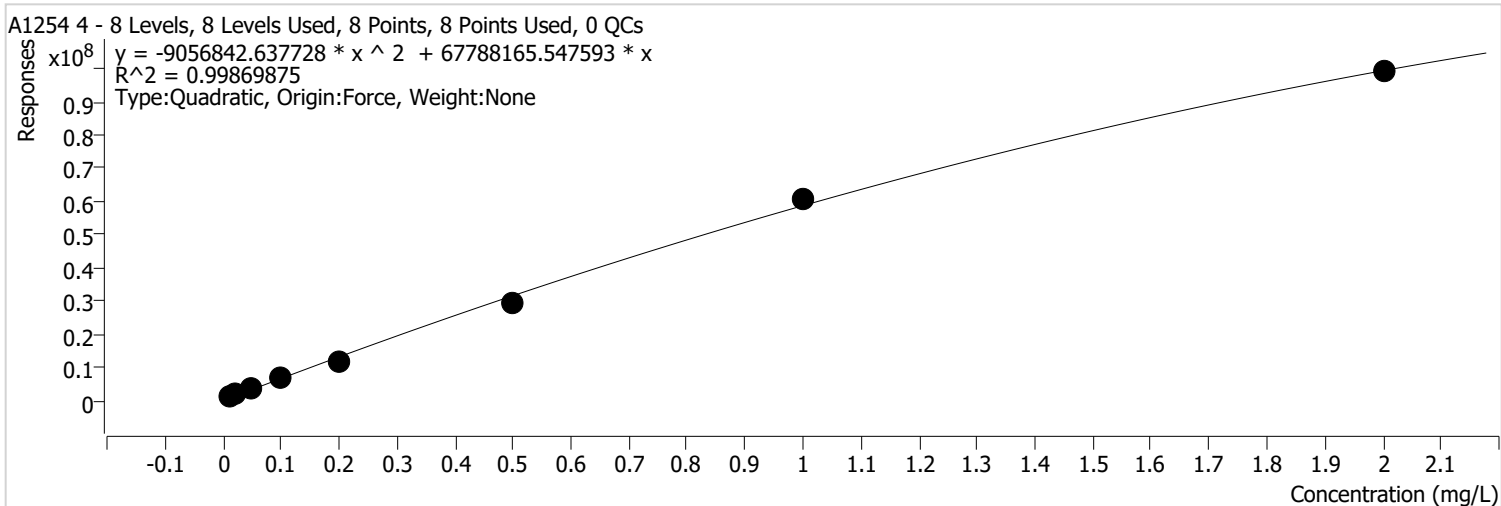


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4963794	0.0500	99275879 .1927	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9090132	0.1000	90901319 .8798	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	16261865	0.2000	81309326 .1013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	41588015	0.5000	83176030 .1804	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	88389174	1.0000	88389173 .9690	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	148986432	2.0000	74493216 .0601	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 %RSE = 33.7

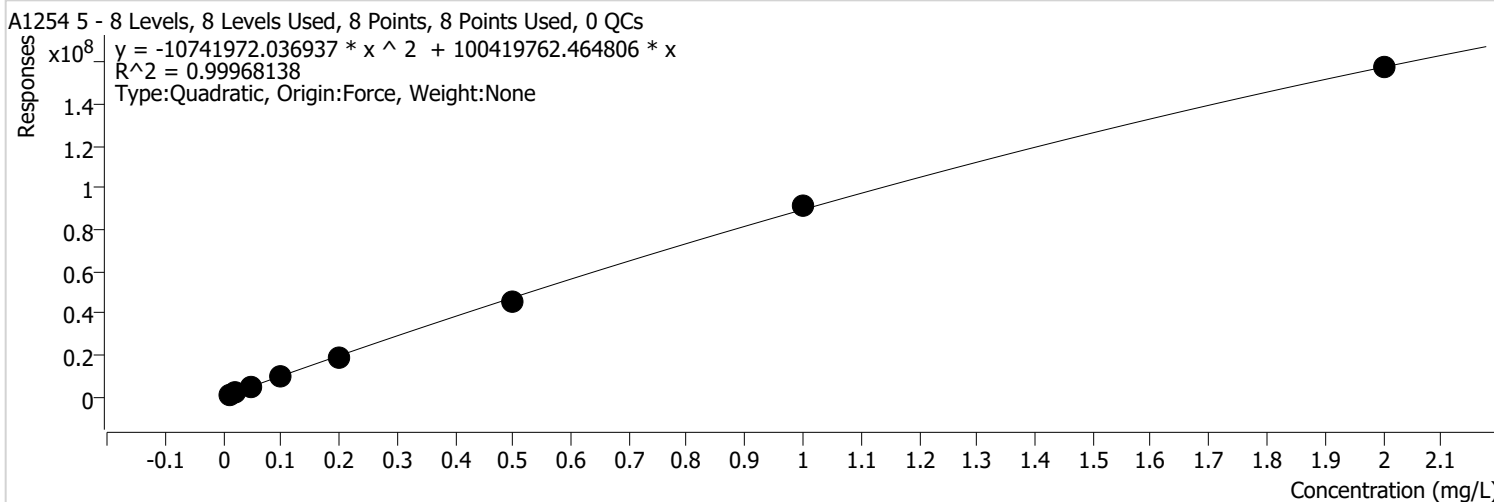


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2019129	0.0200	10095645 5.4799	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3887202	0.0500	77744031 .4539	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6688577	0.1000	66885769 .2913	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11730547	0.2000	58652733 .3282	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29549445	0.5000	59098890 .3992	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	60734640	1.0000	60734639 .8071	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	98992404	2.0000	49496202 .1970	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE = 3.8

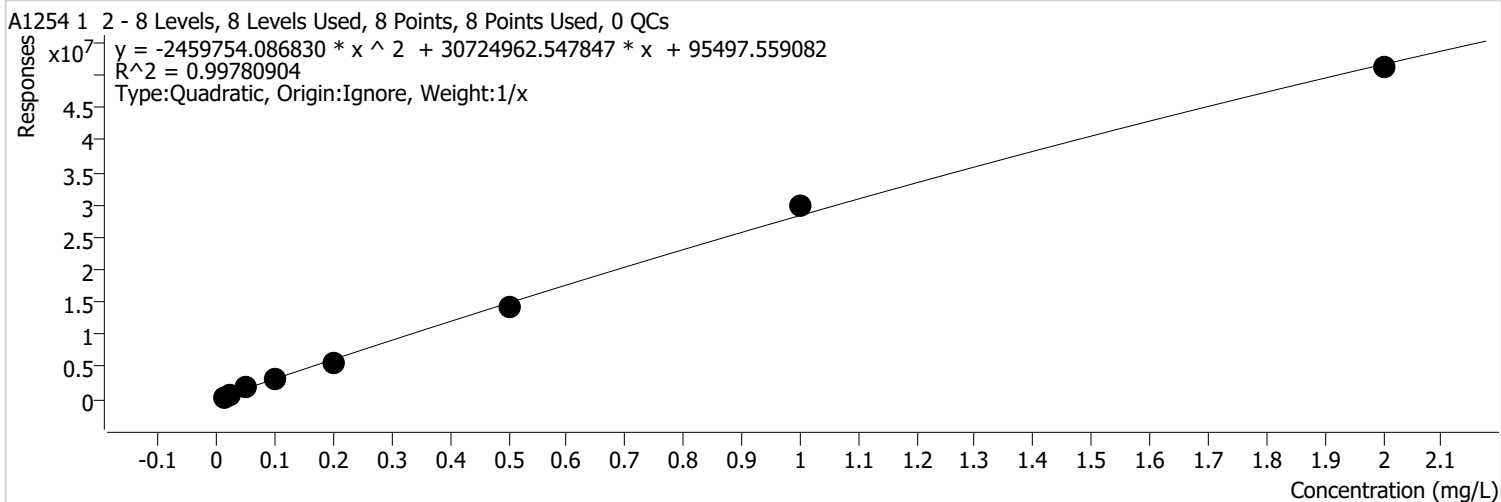


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1012163	0.0100	10121631 0.0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2031310	0.0200	10156552 4.7143	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4906928	0.0500	98138565 .5000	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9392843	0.1000	93928430 .8547	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	18912153	0.2000	94560767 .1996	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	45747749	0.5000	91495497 .2404	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	91387604	1.0000	91387603 .9391	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	157564050	2.0000	78782025 .2102	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 2 %RSE = 11.9

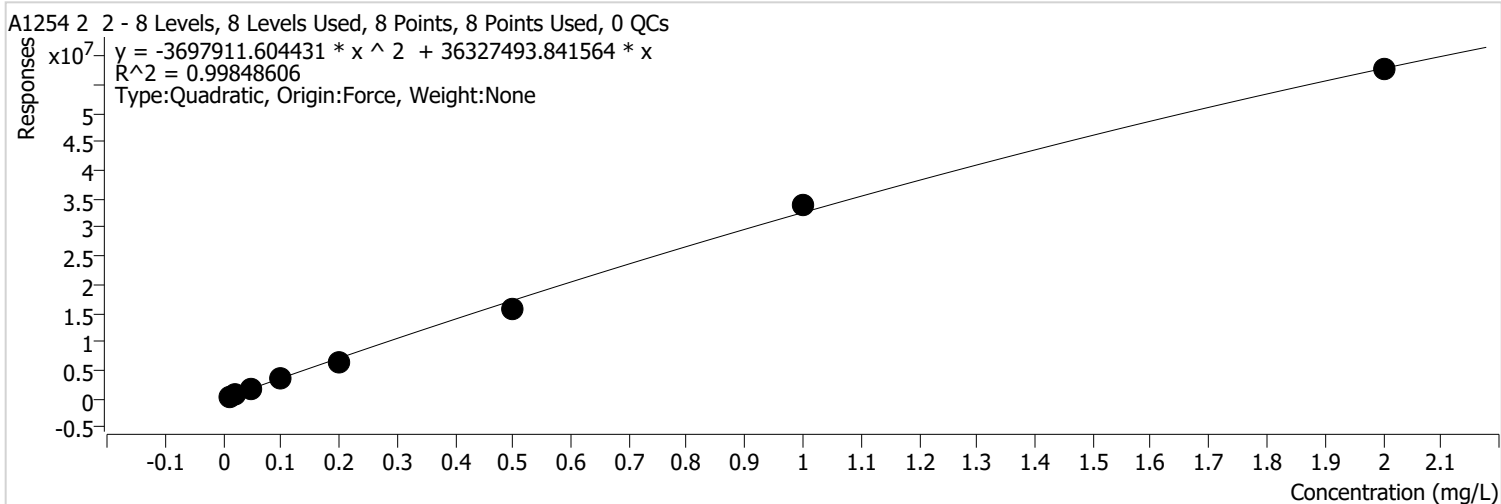


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	350412	0.0100	35041220 .0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	796688	0.0200	39834388 .4825	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1764954	0.0500	35299074 .8457	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3201582	0.1000	32015815 .2427	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	5692544	0.2000	28462717 .9013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	14066030	0.5000	28132060 .8995	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	29883184	1.0000	29883184 .1128	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	51177366	2.0000	25588682 .9284	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 2 %RSE = 16.2

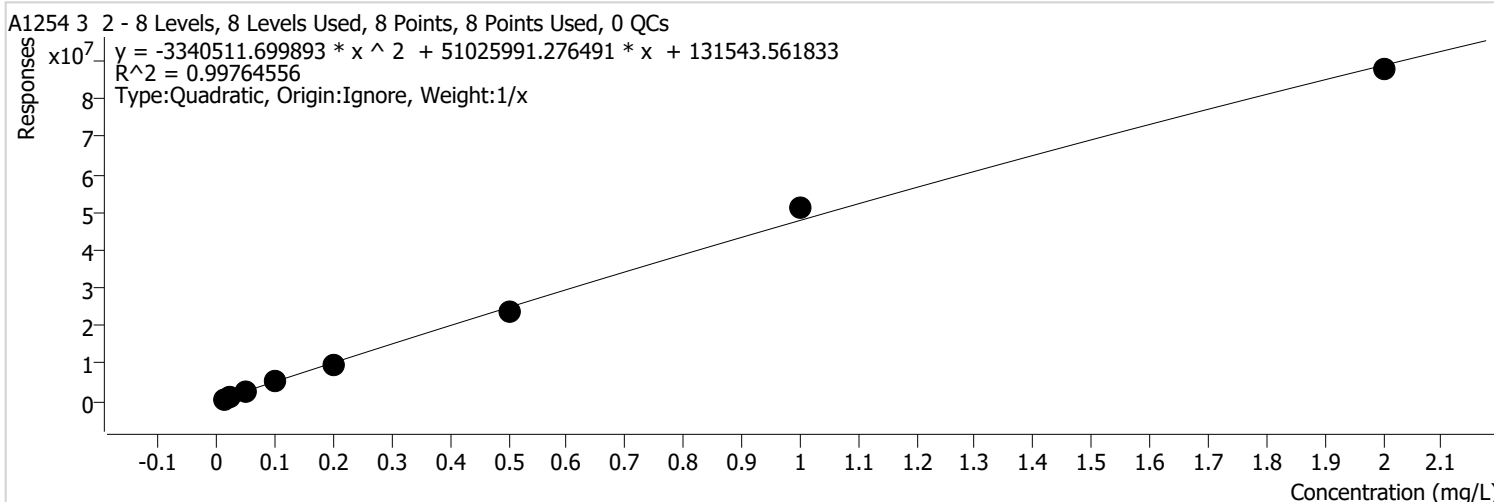


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	461435	0.0100	46143484 .7645	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	850241	0.0200	42512054 .6772	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1937642	0.0500	38752837 .2010	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3562499	0.1000	35624993 .2739	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6350412	0.2000	31752060 .0757	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	15814825	0.5000	31629649 .1212	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	33960776	1.0000	33960775 .9612	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	57627229	2.0000	28813614 .4715	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 2 %RSE = 6.6

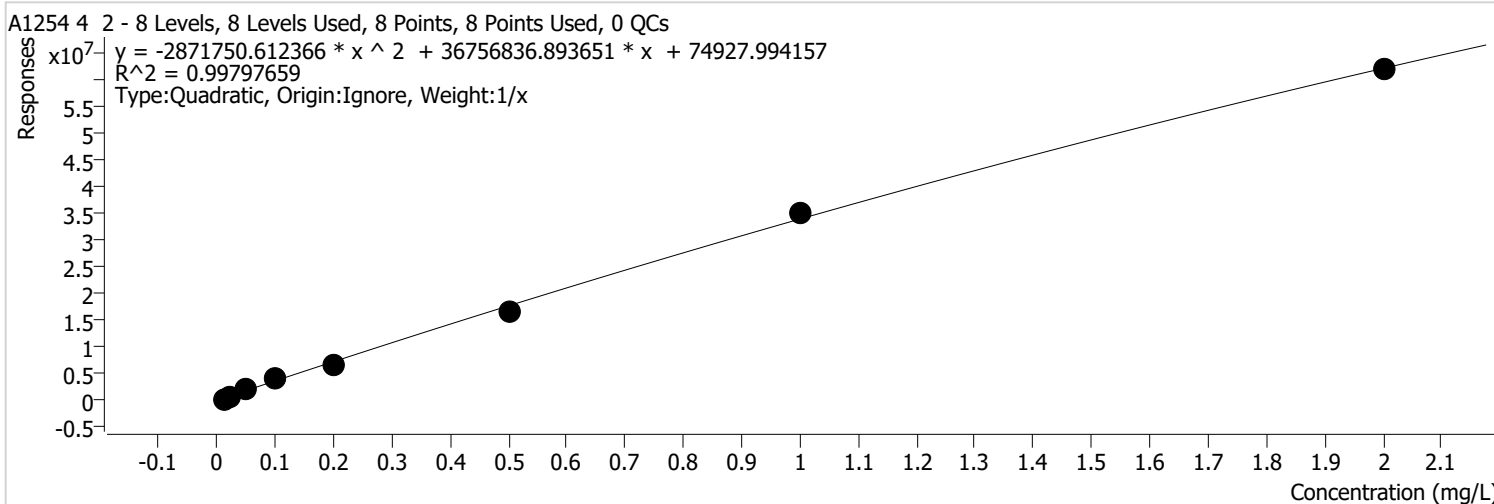


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	633860	0.0100	63386044 .1039	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1210006	0.0200	60500280 .4478	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2785795	0.0500	55715899 .9627	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	5196055	0.1000	51960547 .7509	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	9302962	0.2000	46514810 .0909	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	23599607	0.5000	47199214 .4840	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	50941643	1.0000	50941642 .7440	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	87648533	2.0000	43824266 .6378	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 2 %RSE = 13.4

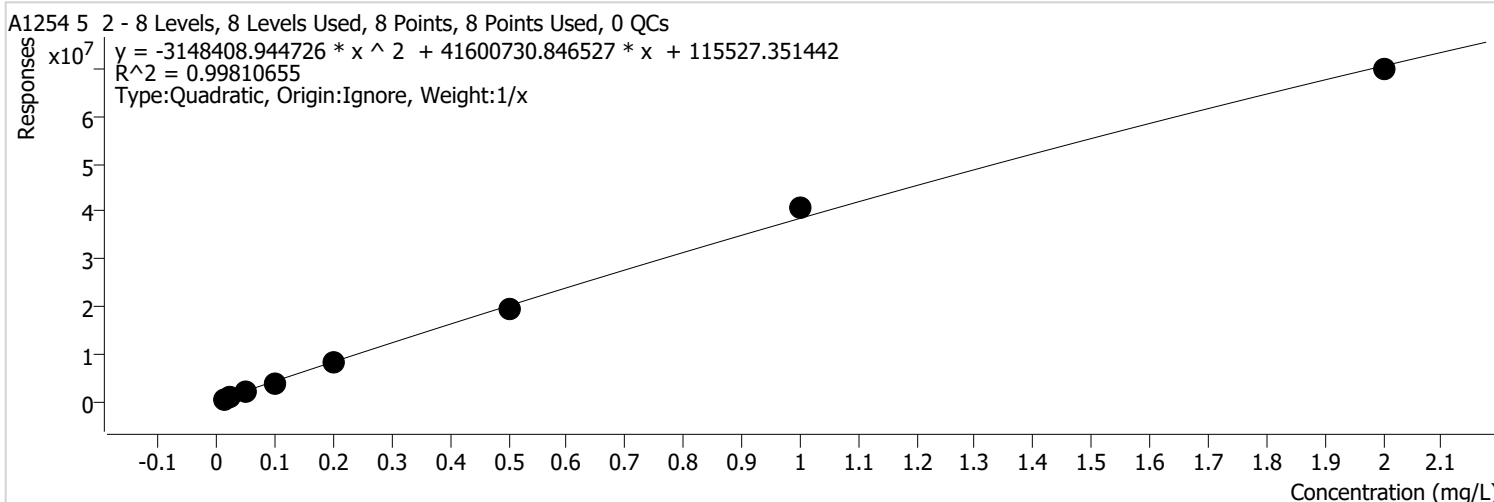


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	361993	0.0100	36199272 .8077	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	859897	0.0200	42994858 .0057	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2130173	0.0500	42603465 .9972	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4146889	0.1000	41468894 .7934	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6853477	0.2000	34267386 .0557	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	16779588	0.5000	33559175 .5747	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	35031313	1.0000	35031312 .9376	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	61823727	2.0000	30911863 .4999	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 2 %RSE = 11.4



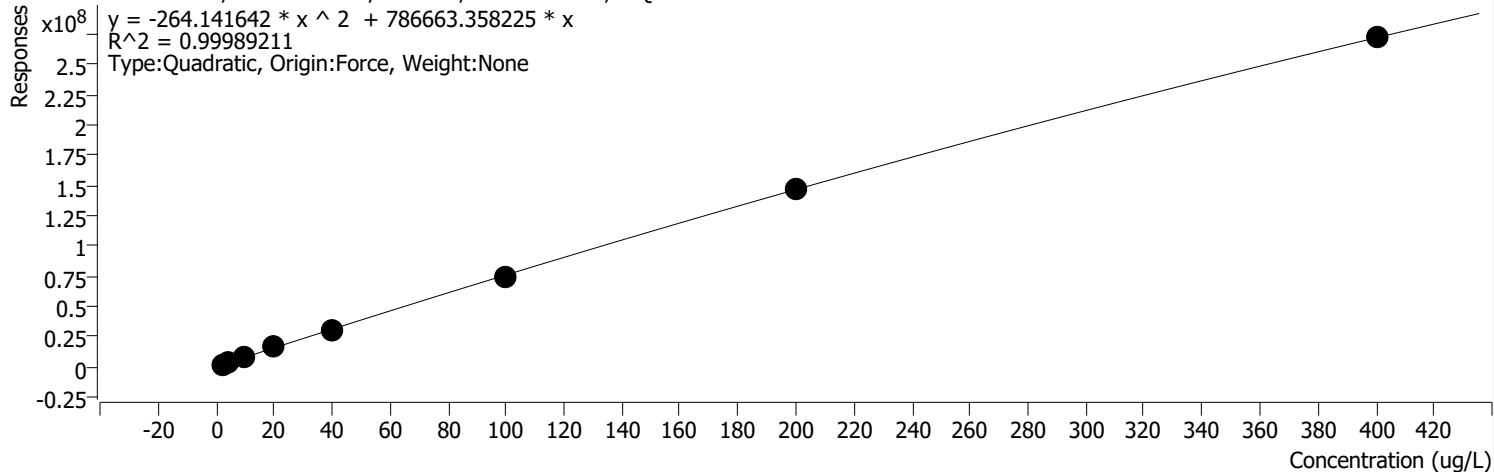
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	496146	0.0100	49614596 .3803	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1116535	0.0200	55826774 .5691	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2201385	0.0500	44027706 .0840	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3840360	0.1000	38403604 .2790	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8010151	0.2000	40050753 .2688	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	19426064	0.5000	38852127 .2101	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	40634328	1.0000	40634327 .6281	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	69914073	2.0000	34957036 .3940	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

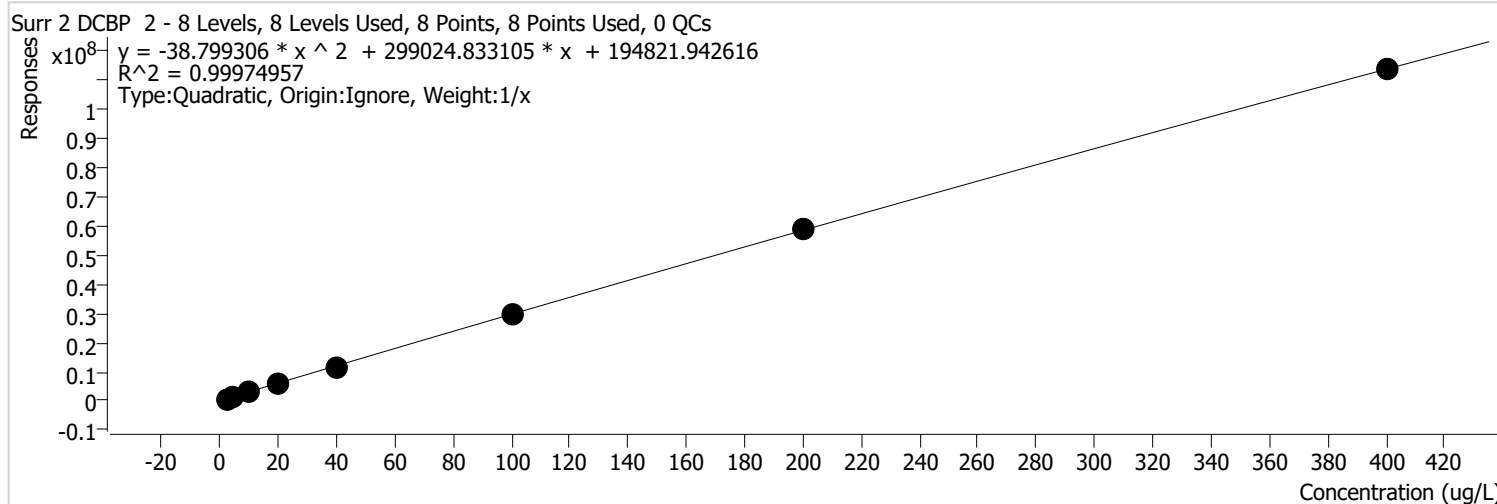


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3976085	4.0000	994021.2125	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	9141741	10.0000	914174.0999	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	17384365	20.0000	869218.2664	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	30399135	40.0000	759978.3648	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	75189580	100.0000	751895.7972	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	147123426	200.0000	735617.1307	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	272366933	400.0000	680917.3313	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE =



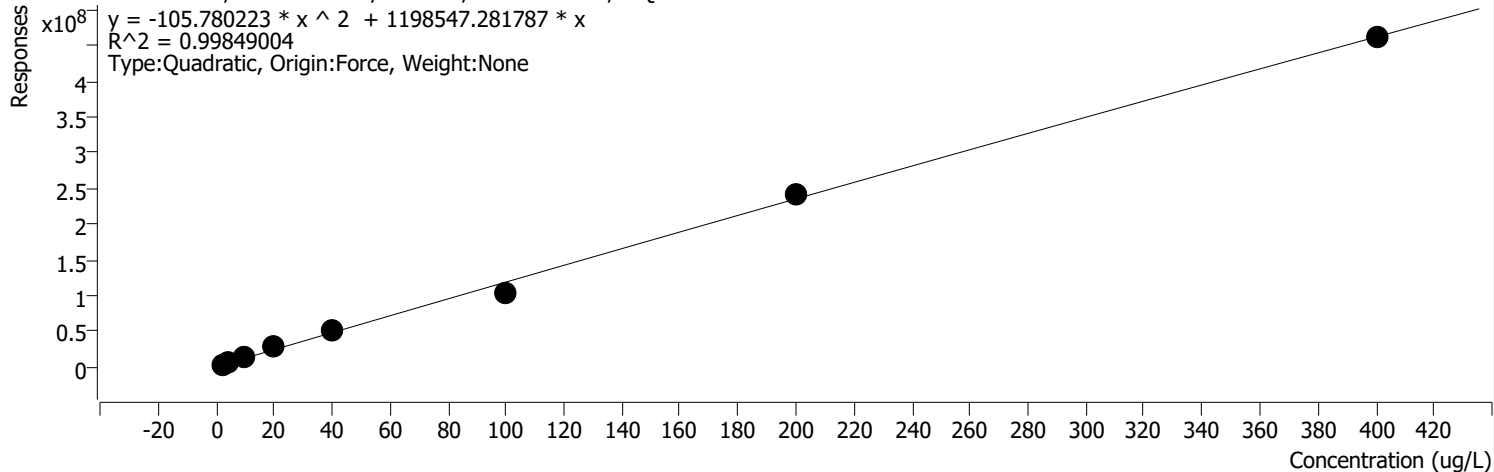
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	754197	2.0000	377098.3 123	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1426478	4.0000	356619.5 872	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3335767	10.0000	333576.6 500	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6312805	20.0000	315640.2 460	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11515852	40.0000	287896.2 957	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29640063	100.0000	296400.6 277	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	59004770	200.0000	295023.8 494	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	113381806	400.0000	283454.5 159	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:15 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE = 17.6

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

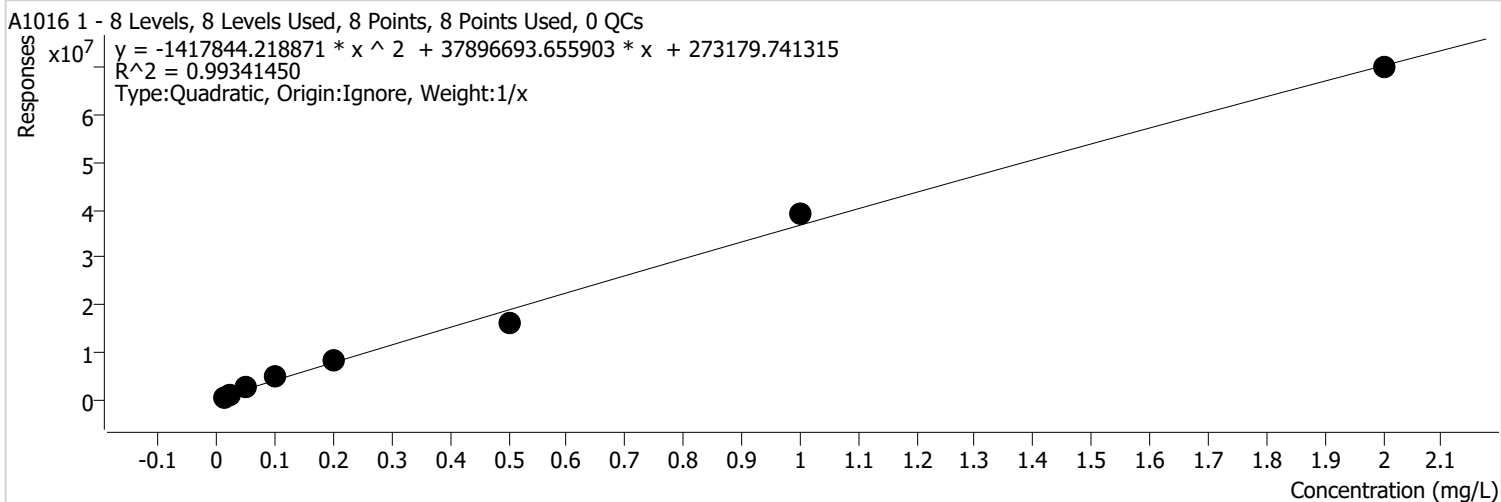


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	2934536	2.0000	1467267.9537	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	5764984	4.0000	1441245.9265	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	13779442	10.0000	1377944.1841	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	27573950	20.0000	1378697.5191	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	50569974	40.0000	1264249.3507	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	105302817	100.0000	1053028.1711	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	243674022	200.0000	1218370.1118	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	461250190	400.0000	1153125.4750	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 %RSE = 17.5

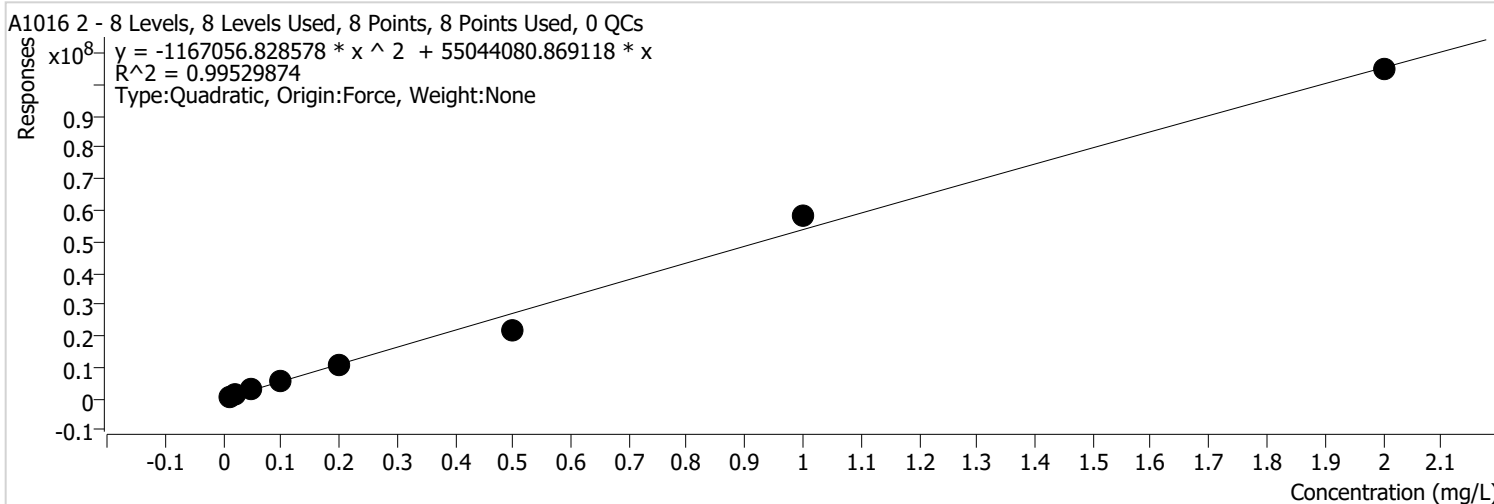


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	558685	0.0100	55868473 .3413	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1003803	0.0200	50190161 .2263	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2480232	0.0500	49604637 .6594	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	4720689	0.1000	47206890 .0322	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	8101627	0.2000	40508136 .7500	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	15925208	0.5000	31850416 .0243	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	38960423	1.0000	38960422 .5481	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	69955115	2.0000	34977557 .3342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 %RSE = 15.4



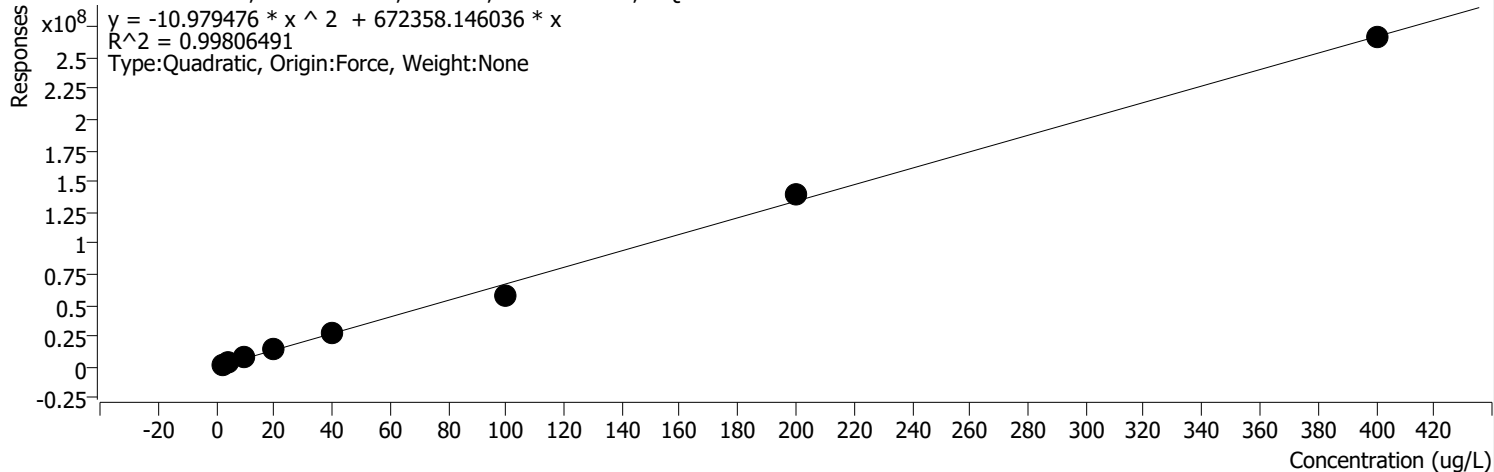
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	682922	0.0100	68292227.5427	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1196019	0.0200	59800948.1390	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2936183	0.0500	58723652.8497	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5786440	0.1000	57864400.5083	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10635390	0.2000	53176951.8044	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21896785	0.5000	43793570.7927	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57914319	1.0000	57914319.3448	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104746357	2.0000	52373178.6342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE = 16.8

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

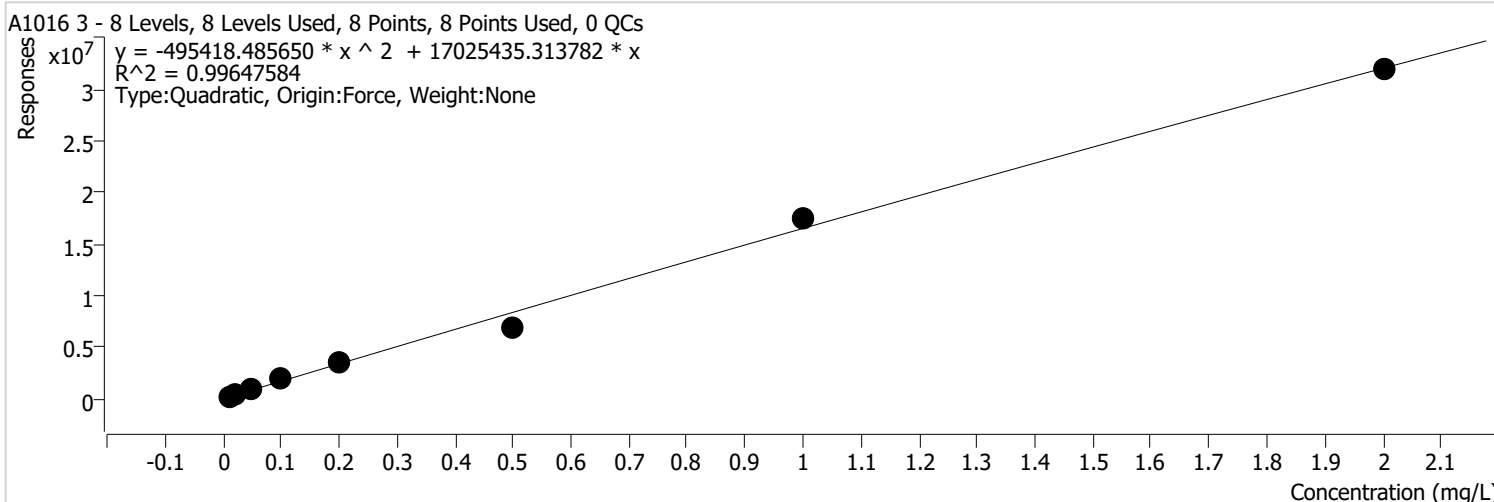


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1652662	2.0000	826330.9 956	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	3190258	4.0000	797564.6 113	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	7598580	10.0000	759857.9 508	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15089134	20.0000	754456.7 026	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	28036116	40.0000	700902.8 912	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	58260955	100.0000	582609.5 468	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	139839684	200.0000	699198.4 179	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	266272486	400.0000	665681.2 142	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 %RSE = 19.6

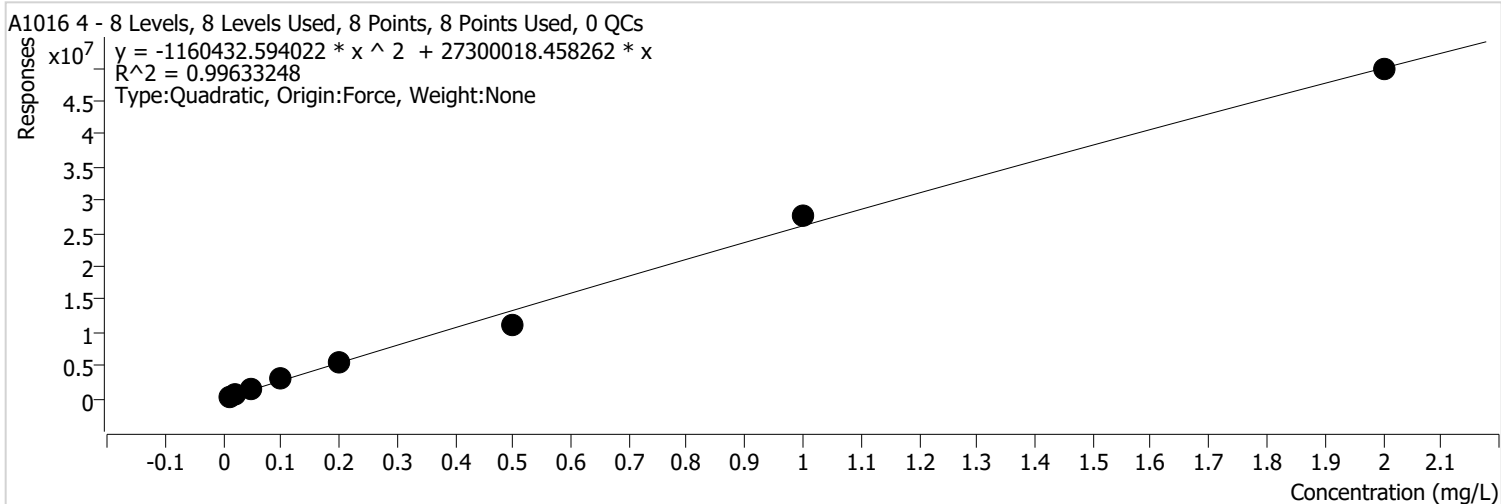


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	210732	0.0100	21073192 .4330	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	422272	0.0200	21113585 .1916	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	994908	0.0500	19898155 .8441	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1884570	0.1000	18845697 .4311	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3547755	0.2000	17738773 .1109	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6948104	0.5000	13896208 .1278	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17498388	1.0000	17498388 .0114	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	31914959	2.0000	15957479 .6375	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 %RSE = 15.9

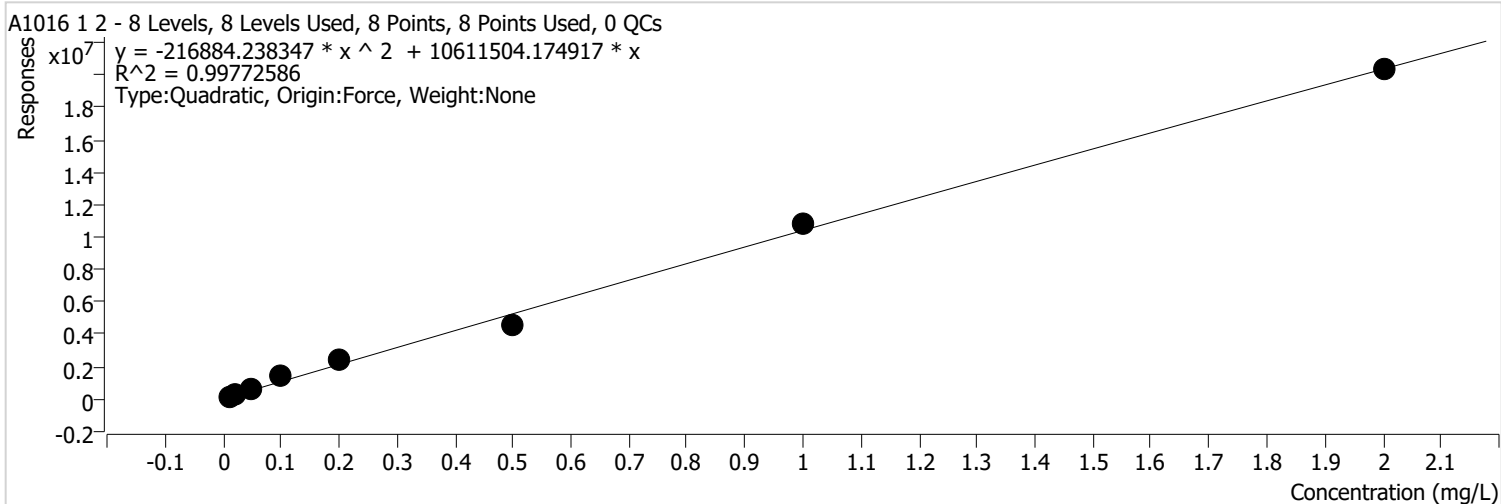


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	319731	0.0100	31973095 .1833	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	644811	0.0200	32240571 .2785	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1549198	0.0500	30983950 .7000	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2990136	0.1000	29901362 .4843	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5567504	0.2000	27837521 .2423	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11074643	0.5000	22149286 .8012	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27723383	1.0000	27723382 .7603	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49702839	2.0000	24851419 .6806	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 2 %RSE = 36.9

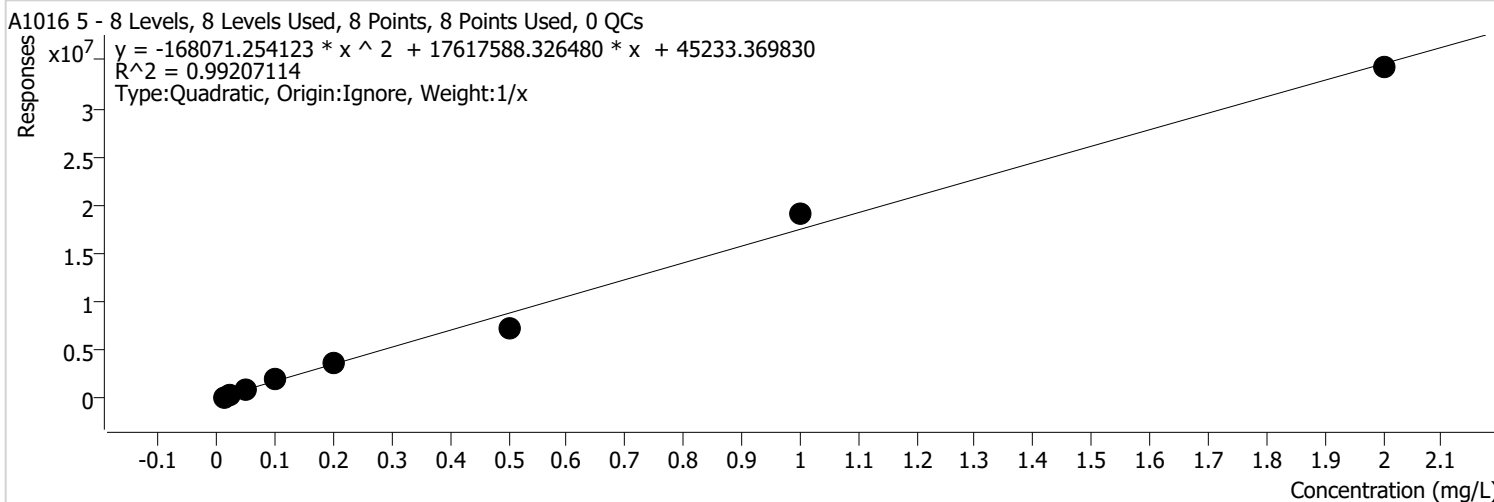


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	162196	0.0100	16219643 .7222	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	304001	0.0200	15200055 .7967	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	679286	0.0500	13585712 .4859	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1393721	0.1000	13937209 .0817	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	2360368	0.2000	11801842 .3994	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	4564234	0.5000	9128468. 2637	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	10738358	1.0000	10738358 .4993	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	20309085	2.0000	10154542 .3310	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 %RSE = 16.3

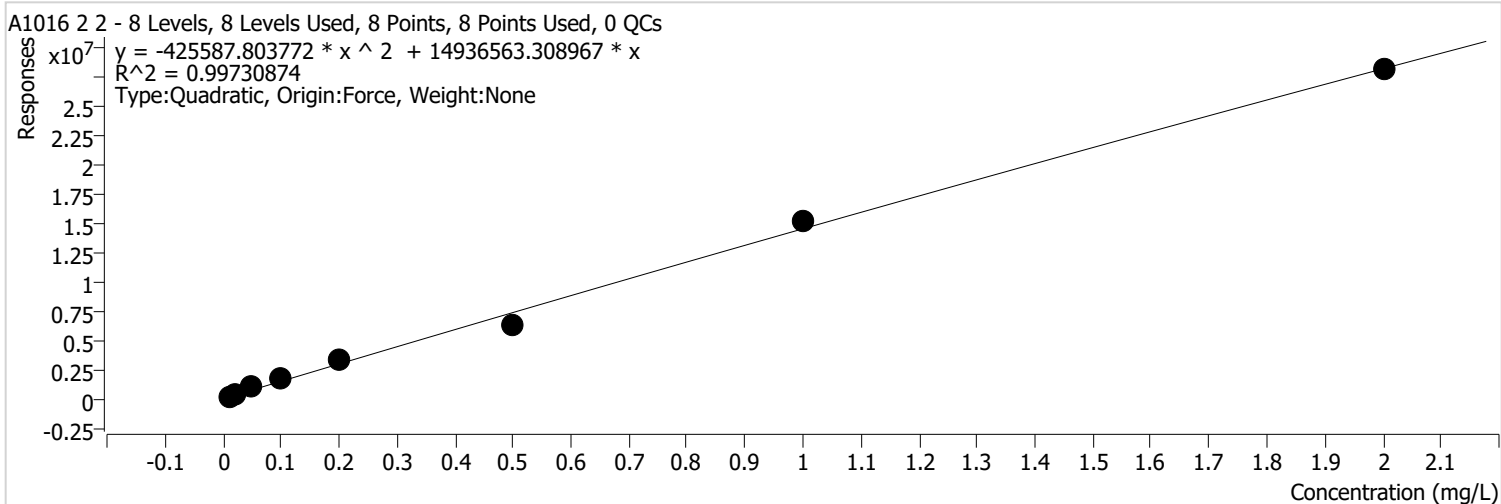


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	414516	0.0200	20725823 .0790	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1035989	0.0500	20719782 .8600	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2039362	0.1000	20393624 .8763	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3662990	0.2000	18314948 .2969	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7236474	0.5000	14472948 .5739	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	19064725	1.0000	19064724 .7814	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	34192501	2.0000	17096250 .6060	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 2 %RSE = 31.5

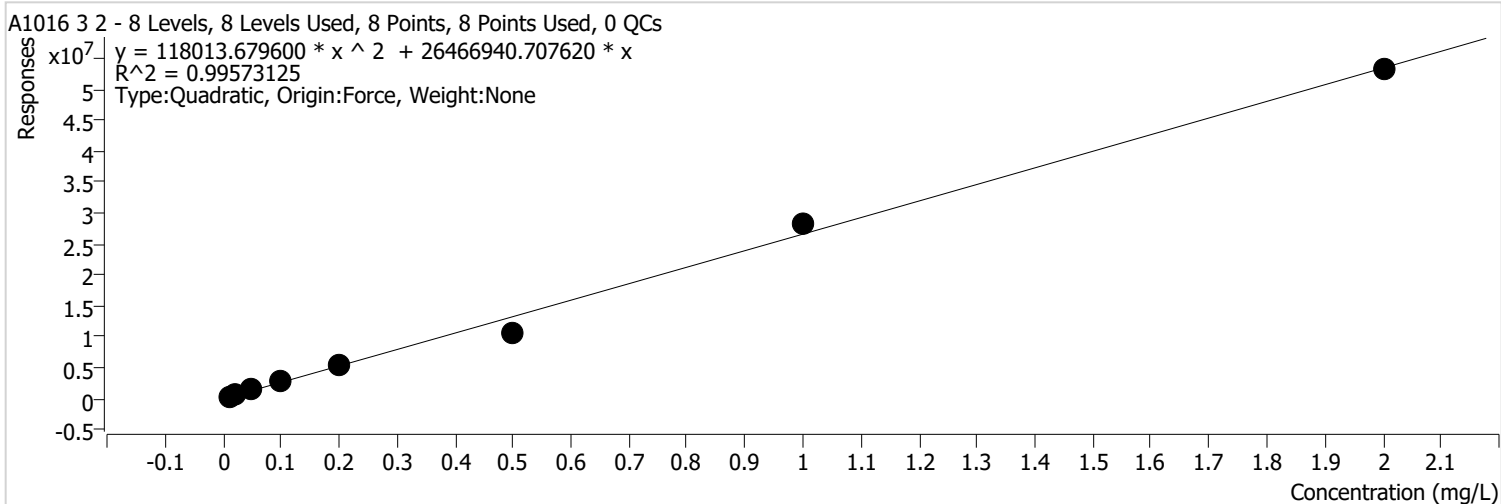


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	418252	0.0200	20912585 .1103	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	949932	0.0500	18998635 .4300	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1786478	0.1000	17864779 .8493	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3229064	0.2000	16145320 .8774	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6271490	0.5000	12542979 .3358	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15153231	1.0000	15153230 .5254	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28074890	2.0000	14037444 .8486	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 2 %RSE = 21.5

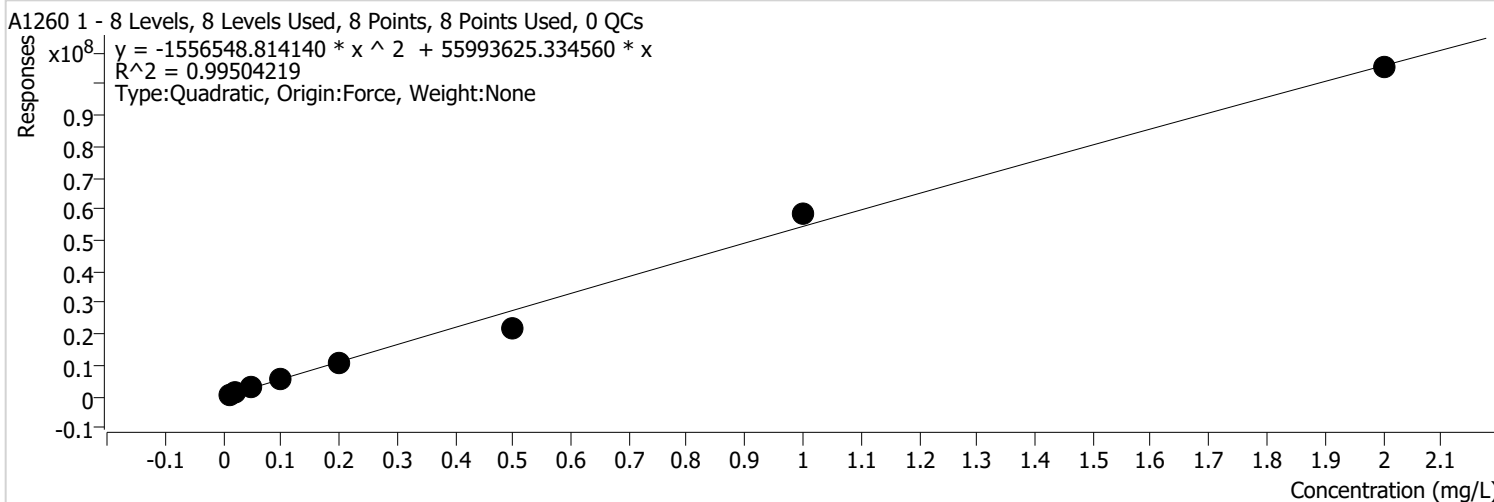


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	653143	0.0200	32657143 .5971	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1516050	0.0500	30321003 .8760	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2962224	0.1000	29622239 .9393	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5319469	0.2000	26597344 .2684	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10659811	0.5000	21319621 .4292	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	28444607	1.0000	28444607 .3592	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	53102586	2.0000	26551293 .2057	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 %RSE = 18.0

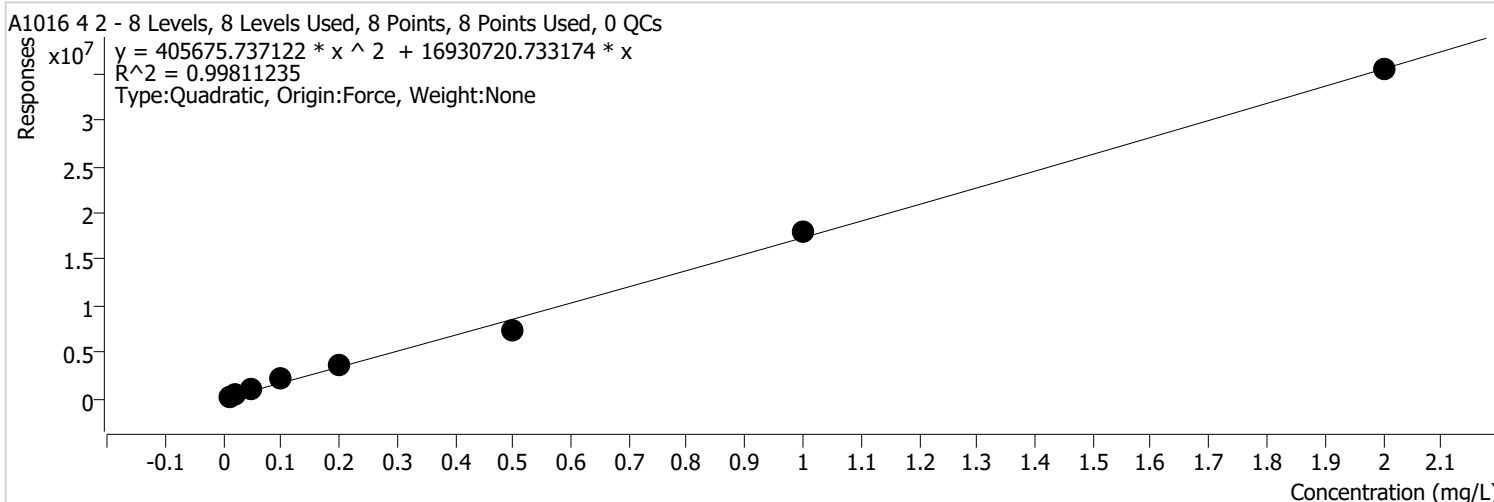


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	693316	0.0100	69331613 .7729	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1319661	0.0200	65983040 .6672	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3170575	0.0500	63411497 .3457	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6062315	0.1000	60623150 .1718	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	11096841	0.2000	55484202 .9755	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	22046529	0.5000	44093058 .0075	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	58484147	1.0000	58484146 .8930	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105095802	2.0000	52547900 .8917	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 2 %RSE = 26.1



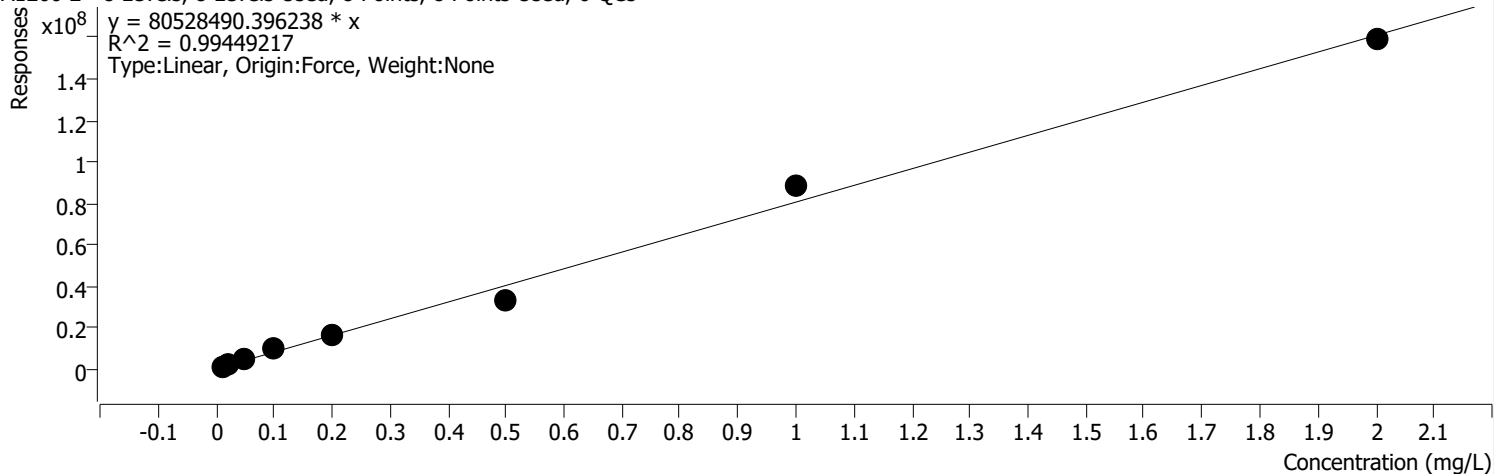
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	224806	0.0100	22480597 .5199	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	440280	0.0200	22013999 .9700	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1066664	0.0500	21333280 .1504	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2077680	0.1000	20776801 .7758	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3744000	0.2000	18719998 .8121	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7432530	0.5000	14865059 .5050	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17965306	1.0000	17965305 .8415	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	35393292	2.0000	17696645 .7608	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 %RSE = 19.9

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



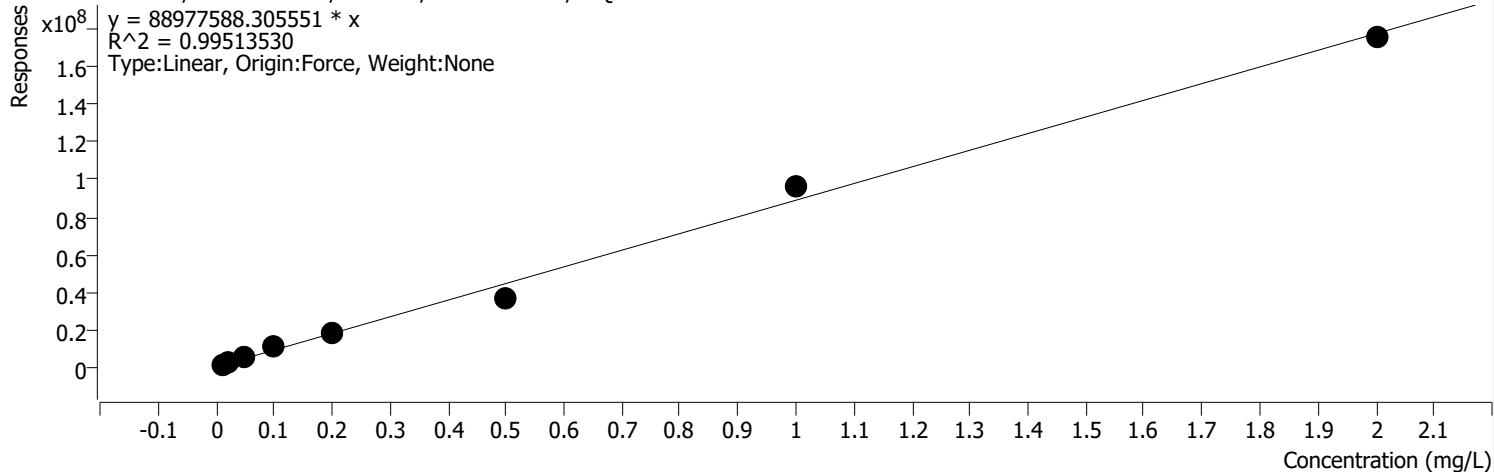
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1018393	0.0100	10183933 6.5289	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1983363	0.0200	99168147 .0755	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	4904582	0.0500	98091636 .1280	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	9246193	0.1000	92461928 .1525	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	16515515	0.2000	82577576 .6223	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	32893263	0.5000	65786525 .0817	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	88318086	1.0000	88318086 .2015	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	158877532	2.0000	79438766 .1175	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 %RSE = 19.0

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

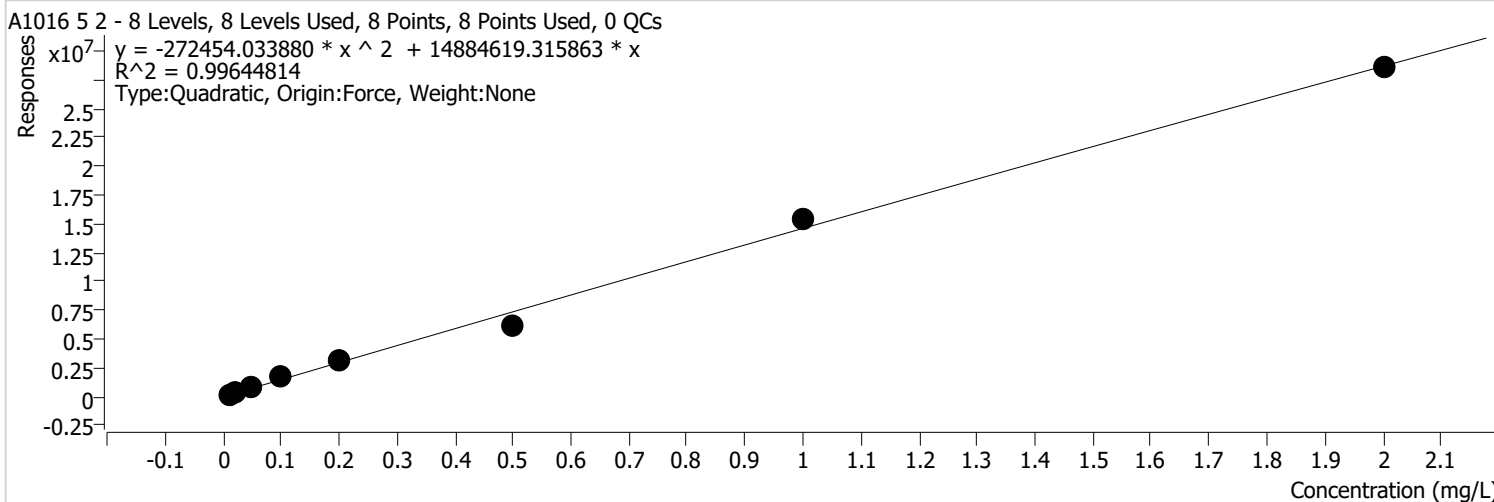


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1063326	0.0100	10633262 4.8270	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2266076	0.0200	11330379 4.8708	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	5339762	0.0500	10679524 0.0005	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	10233940	0.1000	10233939 7.3536	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	18655435	0.2000	93277174 .1700	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	36843220	0.5000	73686440 .8858	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	97001486	1.0000	97001485 .9821	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	175673815	2.0000	87836907 .6900	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 2 %RSE = 15.6



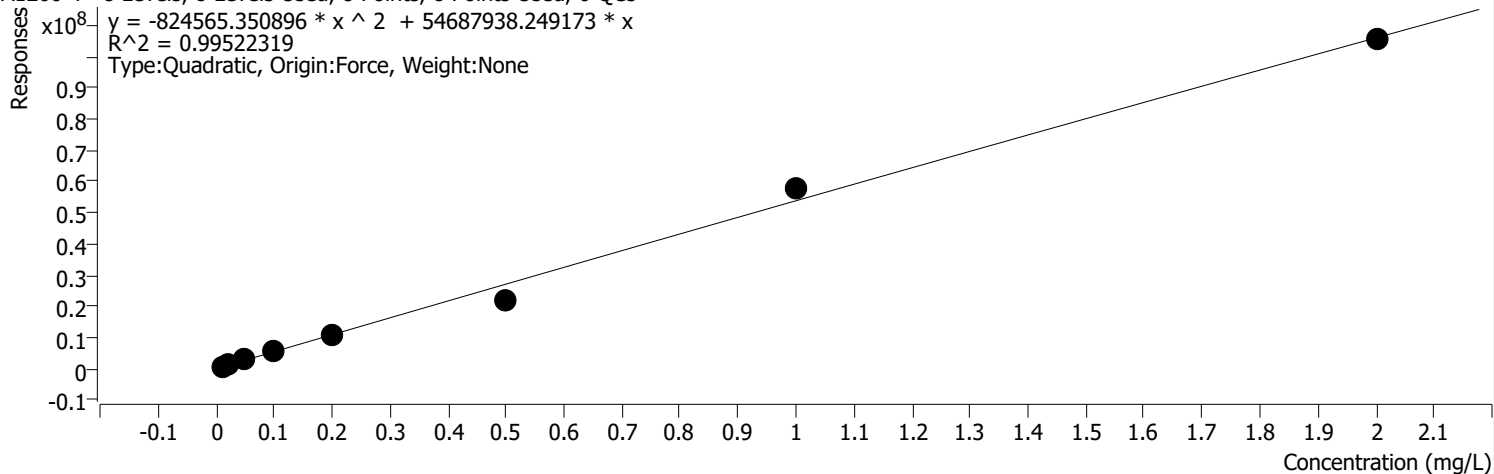
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	167242	0.0100	16724249 .4775	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	339072	0.0200	16953617 .7172	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	874896	0.0500	17497923 .2254	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1692048	0.1000	16920475 .0877	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3079390	0.2000	15396950 .2499	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6084661	0.5000	12169321 .9336	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15484491	1.0000	15484490 .7231	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28540201	2.0000	14270100 .4826	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 %RSE = 26.4

A1260 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -824565.350896 * x^2 + 54687938.249173 * x$
 $R^2 = 0.99522319$
 Type: Quadratic, Origin: Force, Weight: None

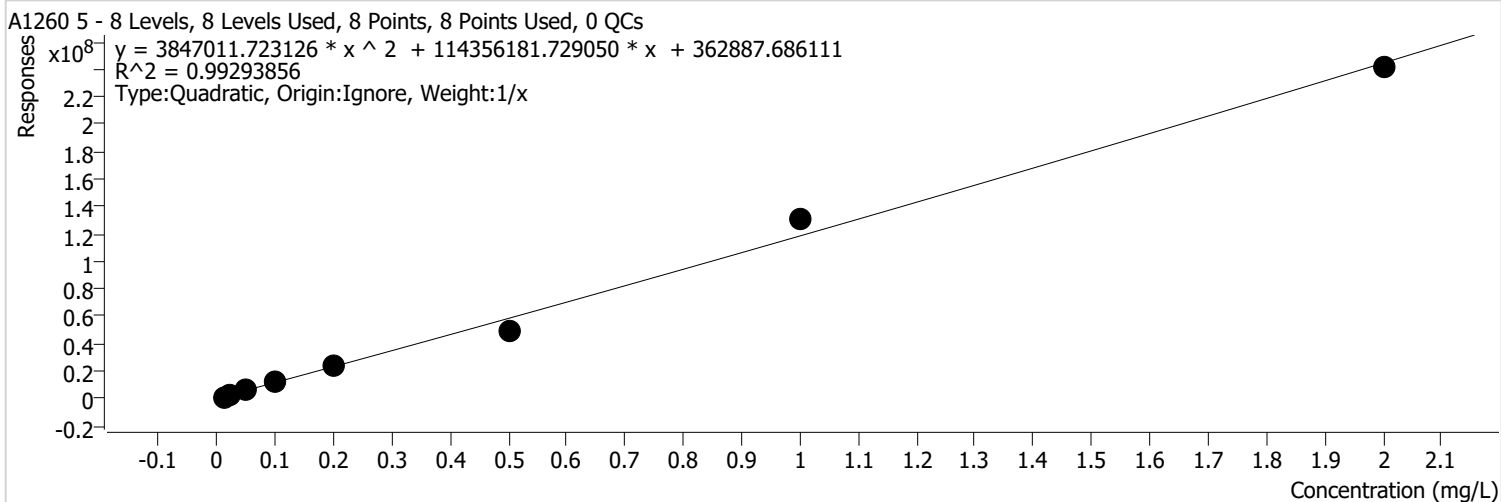


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1336301	0.0200	66815037 .1824	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3127375	0.0500	62547492 .6676	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6038966	0.1000	60389655 .9714	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10889214	0.2000	54446071 .0101	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21669221	0.5000	43338442 .2614	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57807238	1.0000	57807237 .5854	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105431867	2.0000	52715933 .5565	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 %RSE = 11.3

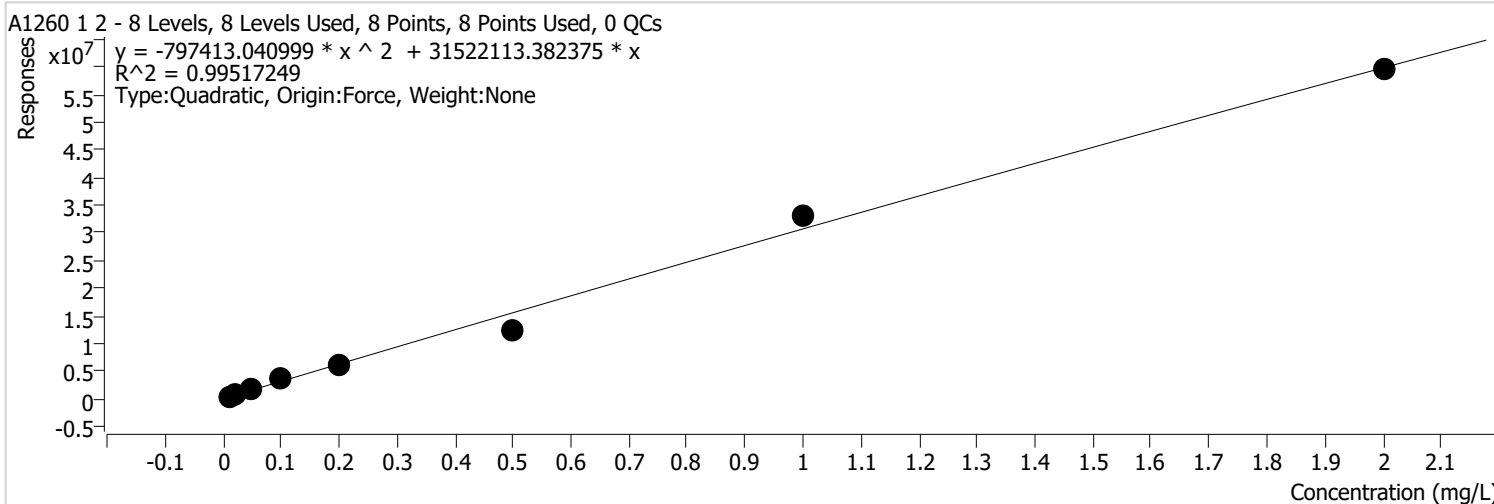


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1383613	0.0100	13836131 7.7950	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2690941	0.0200	13454706 3.8572	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	6519981	0.0500	13039961 8.6371	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	12793202	0.1000	12793202 2.1217	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	23841366	0.2000	11920683 1.9695	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	48448879	0.5000	96897758 .9707	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	130343343	1.0000	13034334 3.3107	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	240984463	2.0000	12049223 1.4882	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 2 %RSE = 16.1



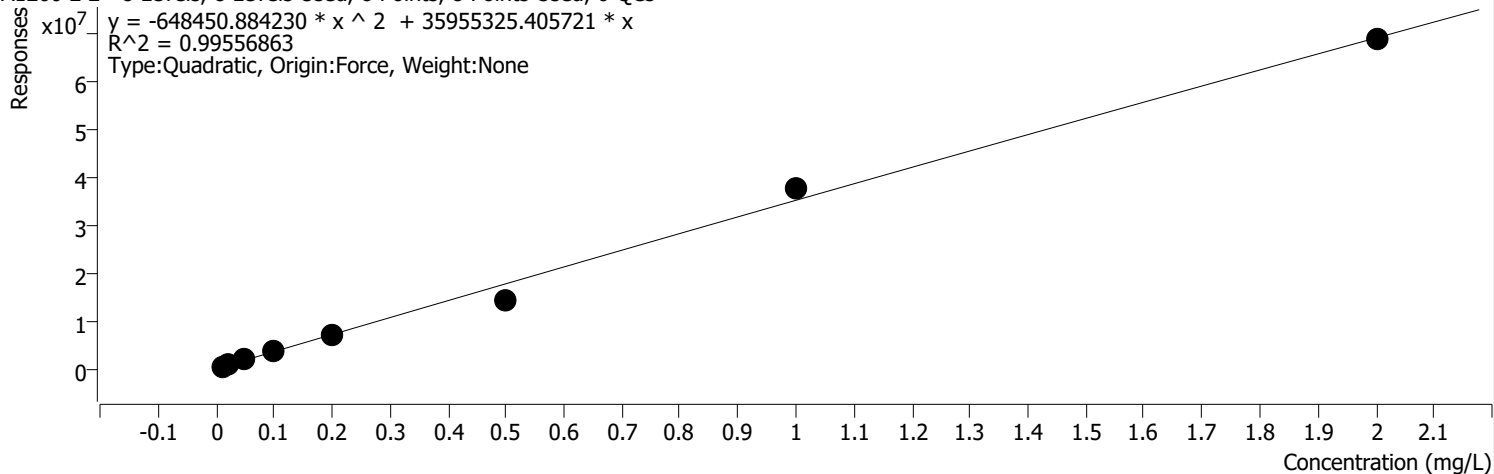
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	370424	0.0100	37042421.8247	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	716618	0.0200	35830891.2300	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1787466	0.0500	35749317.4926	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3520415	0.1000	35204145.0000	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6232292	0.2000	31161462.3284	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	12458130	0.5000	24916260.8090	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32970063	1.0000	32970063.2530	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	59486526	2.0000	29743262.8515	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 2 %RSE = 18.7

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



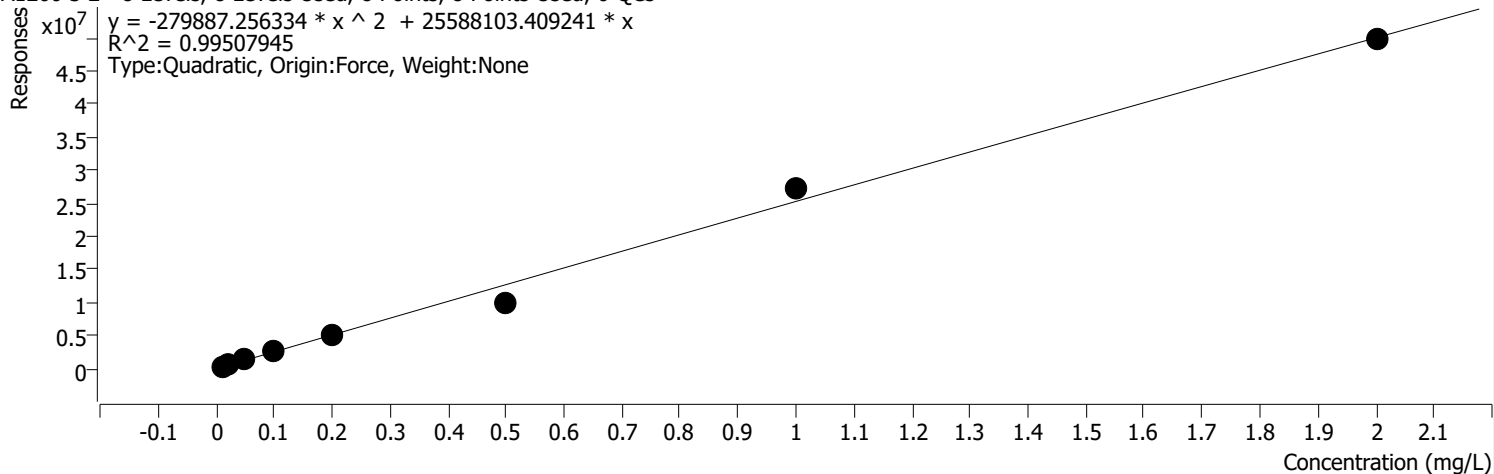
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2066107	0.0500	41322135 .1458	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3926987	0.1000	39269873 .5003	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	7205702	0.2000	36028510 .4123	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	14364097	0.5000	28728193 .1205	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	37782579	1.0000	37782579 .0219	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	68912200	2.0000	34456100 .1074	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 2 %RSE = 15.3

A1260 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



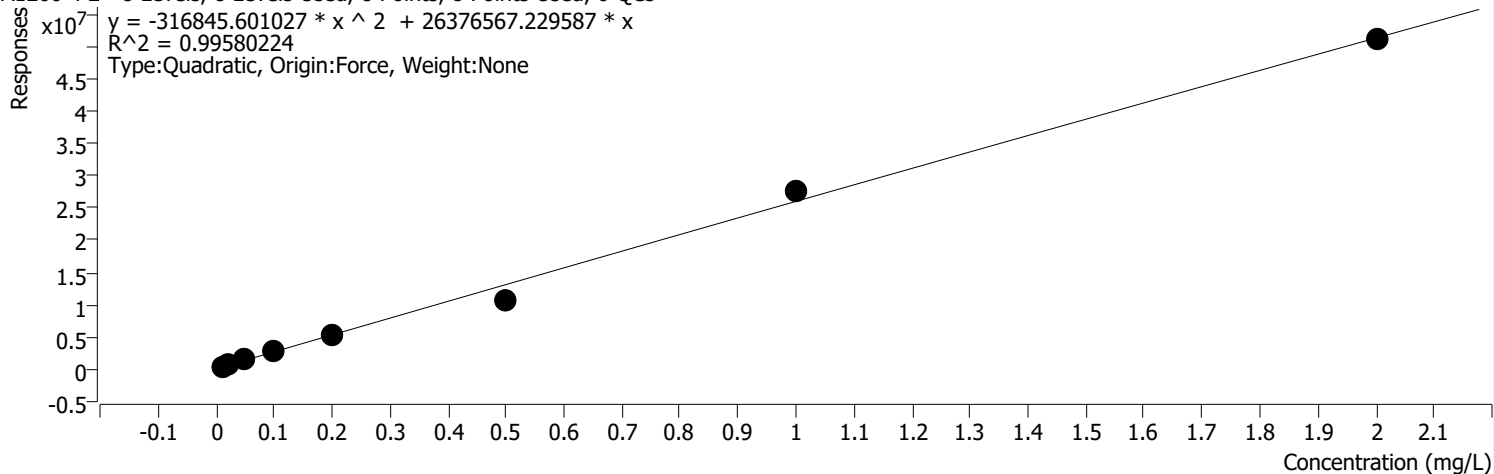
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	582796	0.0200	29139800 .4167	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1475327	0.0500	29506538 .8031	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2733900	0.1000	27339002 .8477	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5012189	0.2000	25060943 .9085	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10120336	0.5000	20240672 .6800	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27239902	1.0000	27239901 .6360	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49736839	2.0000	24868419 .4812	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 2 %RSE = 13.3

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



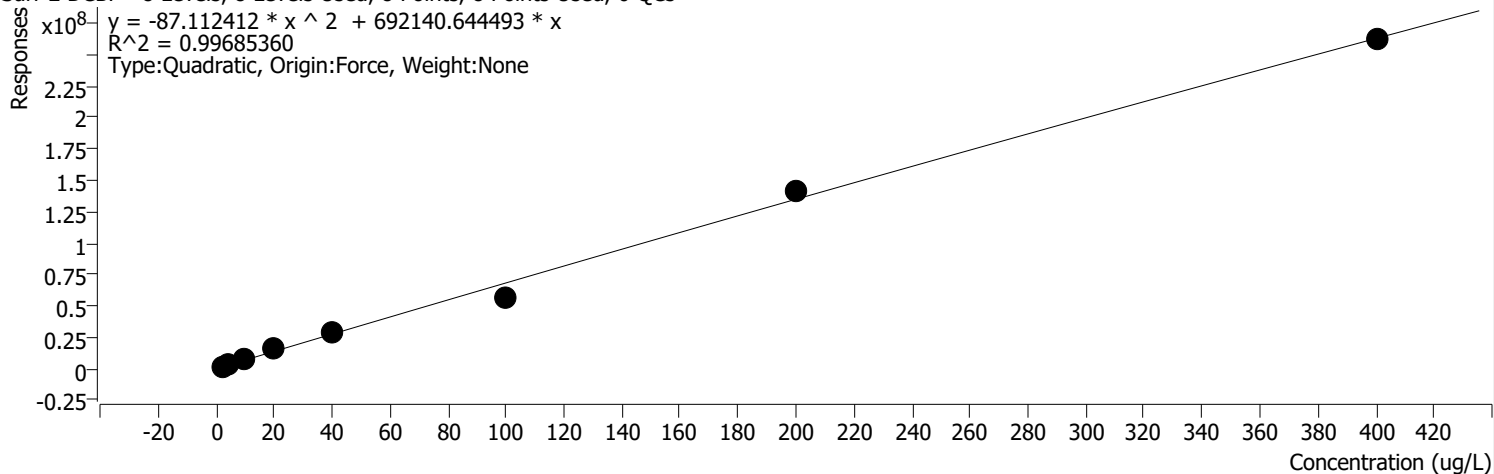
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin		
Analysis Time	11/18/2021 12:31 PM	Analyst Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Reporter Name	FA\GC1625
Last Calib Update	11/18/2021 12:31 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP %RSE = 23.4

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



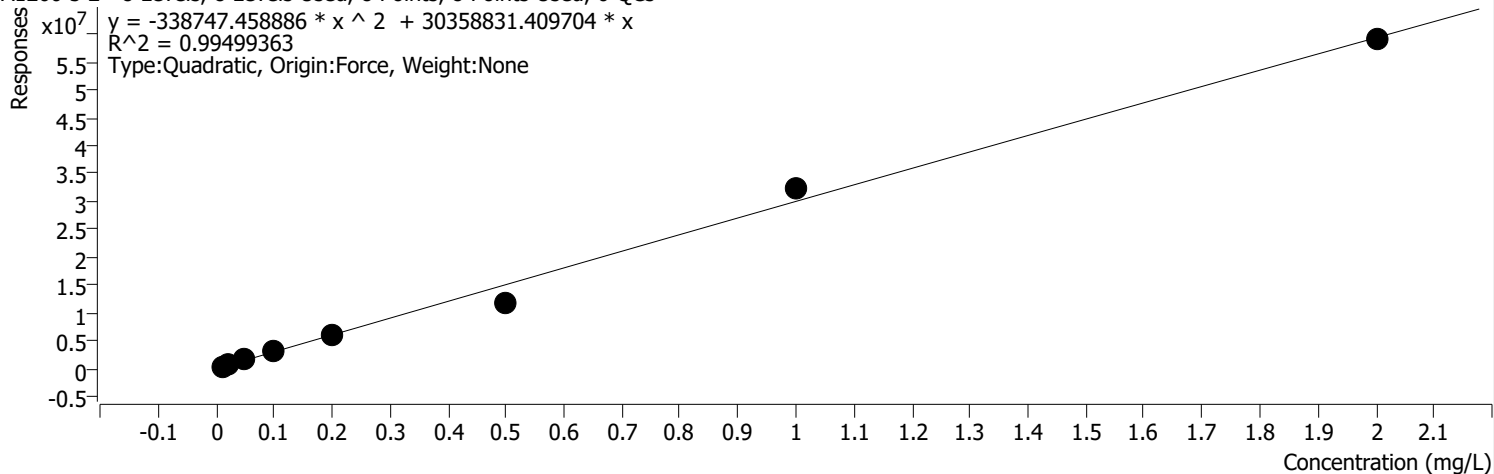
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	8284029	10.0000	828402.8 780	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15955410	20.0000	797770.5 106	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	29060736	40.0000	726518.4 072	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	57209022	100.0000	572090.2 214	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	142169181	200.0000	710845.9 034	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	261786300	400.0000	654465.7 491	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 2 %RSE = 12.1

A1260 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



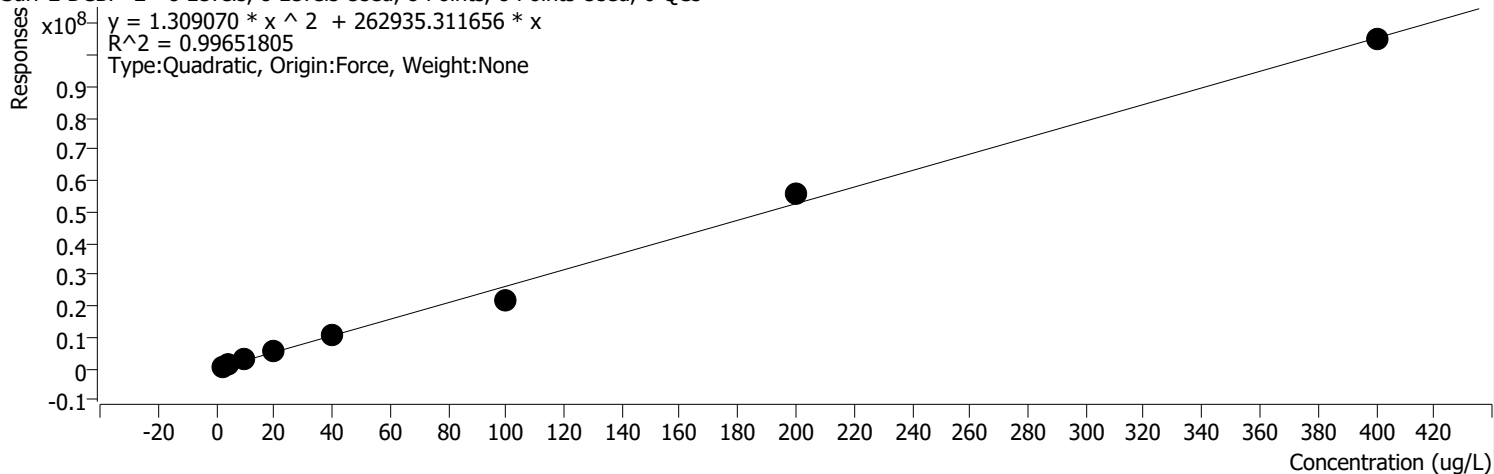
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3238542	0.1000	32385424 .8452	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6000115	0.2000	30000573 .6052	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11969487	0.5000	23938973 .1120	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32330249	1.0000	32330248 .9179	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	58980434	2.0000	29490217 .0930	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE = 14.8

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1180748	4.0000	295186.9 240	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3033483	10.0000	303348.3 302	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5879991	20.0000	293999.5 624	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10568518	40.0000	264212.9 454	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21665223	100.0000	216652.2 290	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	55938835	200.0000	279694.1 773	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104846501	400.0000	262116.2 533	

PCB Calibration

+ 9270 ICAL

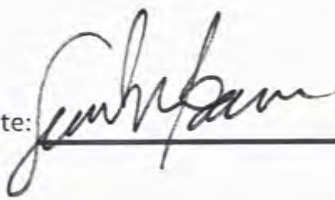
Date: 11/17/21
 Analyst: Sam Berman
 Hexane: 6023

Cal	ICV
Aroclor 1660: <u>25029</u>	Aroclor 1660: <u>24706</u>
Aroclor 1254: <u>23806</u>	Aroclor 1254: <u>24708</u>

Surrogate: 1L21: 20519 IS: 26161 1221: 25029 23016
26186 8/2 11/17/21

Spike Conc. (ppb)	Surr Conc. (ppb)	2° Spike (uL)	1° Spike (uL)	Surr (uL)	Remove (uL)	Final Vol. (mL)	Comments
10	2	5	--	--	5	1	
20	4	10	--	--	10	1	
50	10	25	--	--	25	1	
100	20	50	--	--	50	1	
200	40	100	--	--	100	1	
500	100	250	--	--	250	1	
1000	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>8/2 11/17/21</u>
2000	400	--	2 <u>0</u>	2 <u>0</u>	4 <u>22</u>	1	<u>8/2 11/17/21</u>
ICB	200	--	--	1 <u>0</u>	± <u>10</u>	1	<u>8/2 11/17/21</u>
ICV (1000 ppb)	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>8/2 11/17/21</u>

	1660 (uL)	1254 (uL)	Surr (uL)	Final Volume (mL)
2° Intermediate (1660)	2	--	2 <u>0</u>	1
2° Intermediate (1254)	--	2	2 <u>0</u>	1

Signature and Date:  11/17/21

DATA SET for Review -- Deliverable Requirements

Total Metals by EPA Method 6020B

Fremont Analytical Work Order No. 2112301

Shannon & Wilson

Project Name: 8801- Remediation

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information
- Tune Information

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\

Report Date/Time: Friday, December 31, 2021 07:25:05

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	cone cond	09:11:32 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	wash	09:17:06 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	wash	09:22:41 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	cone cond	10:08:38 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	cone cond	10:10:45 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	WASH	10:12:54 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	WASH	10:15:02 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	blank	10:20:06 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
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	Standard 3	10:28:38 Thu	30-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
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	Standard 6	10:35:01 Thu	30-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
	Standard 7	10:37:09 Thu	30-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
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	ICV	10:45:41 Thu	30-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
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	ICV	10:57:39 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
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	MB-34898	11:07:23 Thu	30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
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	CCB	11:30:50 Thu	30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123021eh\	
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WASH	12:44:28 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
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LCS-34865	12:52:45 Thu 30-DSample	C:\Users\Public\DocumLCS,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112403-001A	12:55:24 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112403-001ADUP	12:58:03 Thu 30-DSample	C:\Users\Public\DocumDUP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112403-001AMS	13:00:42 Thu 30-DSample	C:\Users\Public\DocumMS,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112425-001A 5X	13:03:22 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112417-005A	13:06:01 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112419-002A 5X	13:08:40 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112423-009E	13:11:19 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112423-015E	13:13:58 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
CCV	13:16:38 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	13:19:16 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ccv	13:21:27 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCV	13:24:06 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	13:26:45 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
2112423-018E	13:31:18 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112423-029E	13:33:57 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112435-001A 10X	13:36:36 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112435-001A	13:39:15 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112436-001A	13:41:54 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112436-002A	13:44:33 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112436-003A	13:47:11 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112436-004A	13:49:50 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112436-005A	13:52:29 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
CCV	13:55:08 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	13:57:48 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
WASH	14:03:44 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
MB-34899	14:06:23 Thu 30-DSample	C:\Users\Public\DocumMBLK,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
LCS-34899	14:09:02 Thu 30-DSample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-013A	14:11:41 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-013ADIL	14:14:20 Thu 30-DSample	C:\Users\Public\DocumSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-013AMS	14:16:59 Thu 30-DSample	C:\Users\Public\DocumMS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-013AMSD	14:19:38 Thu 30-DSample	C:\Users\Public\DocumMSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-013APDS	14:22:17 Thu 30-DSample	C:\Users\Public\DocumPDS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-008A	14:24:56 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112423-017A	14:27:35 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
CCV	14:30:14 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	14:32:53 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
2112423-028A	14:35:33 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-019A	14:38:12 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-020A	14:40:51 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-021A	14:43:30 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-022A	14:46:09 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-023A	14:48:48 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112277-064A	14:51:27 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112301-001A	14:54:05 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
2112301-002A	14:56:44 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
CCV	14:59:24 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230

CCB	15:02:03 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
BLANK	15:05:41 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
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Standard 1	15:15:49 Thu 30-DStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 2	15:21:23 Thu 30-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 3	15:26:57 Thu 30-DStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 4	15:32:31 Thu 30-DStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 5	15:38:05 Thu 30-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 6	15:43:39 Thu 30-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 7	15:49:13 Thu 30-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
Standard 8	15:54:47 Thu 30-DStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
WASH	16:00:21 Thu 30-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ICB	16:05:55 Thu 30-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ICV	16:11:28 Thu 30-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
BLANK	16:17:02 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ICV	16:22:36 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
WASH	16:28:10 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
MB-34878	16:33:45 Thu 30-DSample	C:\Users\Public\DocumMBLK,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1230
LCS-32878	16:39:20 Thu 30-DSample	C:\Users\Public\DocumLCS,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1230
2110010-030D	16:44:54 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1230
2110010-030D	16:50:28 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ1	16:56:03 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ2	17:01:38 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
CCV	17:07:13 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	17:12:47 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
LLOQ3	17:18:21 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ4	17:23:55 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ1	17:29:30 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ2	17:35:04 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ3	17:40:38 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ4	17:46:12 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ5	17:51:45 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ6	17:57:19 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
LLOQ7	18:02:53 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-6020-TW . gistix\ICPMS\DataSet\Dec2021\1230
WASH	18:08:28 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCV	18:14:02 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	18:19:36 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
MB-34907	18:25:11 Thu 30-DSample	C:\Users\Public\DocumMBLK,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
LCS-34907	18:30:45 Thu 30-DSample	C:\Users\Public\DocumLCS,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112443-001A	18:36:19 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112443-001ADUP	18:41:53 Thu 30-DSample	C:\Users\Public\DocumDUP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112443-001AMS	18:47:27 Thu 30-DSample	C:\Users\Public\DocumMS,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112444-001B	18:53:01 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112439-001A 500X	18:58:35 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2112439-002A 500X	19:04:09 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2110010-030E	19:09:43 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
2110010-030E	19:15:17 Thu 30-DSample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Dec2021\1230
CCV	19:20:52 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	19:26:26 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
ICSA	19:32:01 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
WASH	19:37:36 Thu 30-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCV	19:43:10 Thu 30-DQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
CCB	19:48:44 Thu 30-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
2%	19:54:18 Thu 30-DQC Std #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230
DI	19:59:53 Thu 30-DQC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1230

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\123121eh\

Report Date/Time: Friday, December 31, 2021 11:24:56

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	CAL BLK IS 25300	09:22:20 Fri 31	-DeBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	Standard 1	09:25:59 Fri 31	-DeStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	Standard 2	09:28:38 Fri 31	-DeStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	Standard 3	09:31:16 Fri 31	-DeStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	Standard 4	09:33:55 Fri 31	-DeStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	Standard 5	09:36:34 Fri 31	-DeStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	Standard 6	09:39:13 Fri 31	-DeStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	Standard 7	09:41:52 Fri 31	-DeStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	Standard 8	09:44:31 Fri 31	-DeStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	WASH	09:47:11 Fri 31	-DeQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	ICB	09:49:50 Fri 31	-DeQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	ICV	09:52:30 Fri 31	-DeQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	BLANK	09:55:09 Fri 31	-DeSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	ICSA	10:08:47 Fri 31	-DeSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	WASH	10:11:26 Fri 31	-DeSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	WASH	10:14:06 Fri 31	-DeSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	2112423-029E	10:17:51 Fri 31	-DeSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Dec2021\1231
	LCS-34899	10:20:31 Fri 31	-DeSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1231
	2112423-013A	10:23:11 Fri 31	-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1231
	2112423-013ADIL	10:25:50 Fri 31	-DeSample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1231
	2112423-008A	10:28:30 Fri 31	-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1231
	2112423-017A	10:31:09 Fri 31	-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1231
	2112423-028A	10:33:48 Fri 31	-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1231
	2112301-001A 10X	10:36:28 Fri 31	-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1231
	2112301-002A 10X	10:39:07 Fri 31	-DeSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Dec2021\1231
	CCV	10:41:47 Fri 31	-DeQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	
	CCB	10:44:26 Fri 31	-DeQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1231	

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\

Report Date/Time: Tuesday, January 04, 2022 13:10:22

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	good di	09:47:15 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:50:55 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:53:34 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:56:14 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:58:53 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	10:01:33 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	new 2%	10:08:02 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	BLANK	10:13:08 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CAL BLK IS 25300	10:15:47 Tue	04-J:Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 1	10:18:26 Tue	04-J:Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 2	10:21:05 Tue	04-J:Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 3	10:23:44 Tue	04-J:Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 4	10:26:23 Tue	04-J:Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 5	10:29:02 Tue	04-J:Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 6	10:31:41 Tue	04-J:Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 7	10:34:19 Tue	04-J:Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	Standard 8	10:36:58 Tue	04-J:Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	10:39:38 Tue	04-J:QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	ICB	10:42:17 Tue	04-J:QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	ICV	10:44:56 Tue	04-J:QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	BLANK	10:47:35 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	ICSA	10:53:00 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	10:55:40 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	10:58:19 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	MB-34919	11:00:58 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	LCS-34919	11:03:37 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112447-001A	11:06:16 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112447-001ADUP	11:08:55 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112447-001AMS	11:11:34 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112448-001A 10X	11:14:13 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112448-002A 10X	11:16:52 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112449-001A 10X	11:19:30 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112449-002A 10X	11:22:09 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112450-001A 5X	11:24:48 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	11:27:28 Tue	04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCB	11:30:07 Tue	04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	11:35:38 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	11:38:18 Tue	04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCB	11:40:57 Tue	04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	WASH	11:44:43 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	MB-34921	11:47:23 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	LCS-34921	11:50:02 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060A	11:52:41 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060ADIL	11:55:20 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060AMS	11:57:58 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060AMSD	12:00:37 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-060APDS	12:03:16 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-043A	12:05:55 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	2112242-052A	12:08:34 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	CCV	12:11:13 Tue	04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	

CCB	12:13:53 Tue 04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
2112242-070A	12:17:12 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112277-054A	12:19:51 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112301-063A	12:22:30 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112301-064A	12:25:09 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-001A	12:27:48 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-002A	12:30:27 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-003A	12:33:06 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112195-002D	12:35:45 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01042
CCV	12:38:24 Tue 04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
CCB	12:41:04 Tue 04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
2112277-054A	12:51:37 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112301-063A	12:54:17 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112321-002A	12:56:56 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
2112242-060A	12:59:36 Tue 04-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01042
CCV	13:02:16 Tue 04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
CCB	13:04:55 Tue 04-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\

Report Date/Time: Wednesday, January 05, 2022 13:22:58

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:47:00	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	08:50:39	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	08:53:19	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	BLANK	10:26:44	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	CAL BLK IS 25300	10:29:23	Wed 05--Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 1	10:32:03	Wed 05--Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 2	10:34:41	Wed 05--Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 3	10:37:20	Wed 05--Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 4	10:39:59	Wed 05--Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 5	10:42:38	Wed 05--Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 6	10:45:17	Wed 05--Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 7	10:47:55	Wed 05--Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	Standard 8	10:50:34	Wed 05--Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	10:53:14	Wed 05--QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	ICB	10:55:53	Wed 05--QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	ICV	10:58:32	Wed 05--QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	BLANK	11:01:11	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	ICSA	11:08:54	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	11:11:33	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	11:14:13	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	MB-34930	11:36:56	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	LCS-34930	11:39:35	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112441-005A	11:42:14	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112441-005ADIL	11:44:53	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112441-005AMS	11:47:32	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112441-005AMSD	11:50:10	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112441-005APDS	11:52:49	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201006-001A 10X	11:55:29	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201020-001A	11:58:08	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201020-002A	12:00:47	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	CCV	12:03:26	Wed 05--QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	CCB	12:06:05	Wed 05--QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	12:10:50	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	MB-34939	12:13:29	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	LCS-34939	12:16:08	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201003-001C	12:18:47	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201003-001CDUP	12:21:26	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2201003-001CMS	12:24:05	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	12:26:45	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	MB-34938	12:29:25	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	LCS-34938	12:32:04	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112434-001A	12:34:43	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112434-001ADUP	12:37:22	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	CCV	12:40:01	Wed 05--QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	CCB	12:42:41	Wed 05--QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112434-001AMS	12:45:20	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112434-001AMSD	12:47:59	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2112450-001A 5X	12:50:38	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	2202006-001A 1000X	12:53:18	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	
	WASH	12:56:20	Wed 05--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010522eh\	

MB-34939	12:59:00 Wed 05-~Sample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01052
LCS-34939	13:01:39 Wed 05-~Sample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01052
2112277-055A	13:04:18 Wed 05-~Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01052
2112301-003A	13:06:57 Wed 05-~Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01052
WASH	13:10:25 Wed 05-~Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01052	
MB-34939	13:13:05 Wed 05-~Sample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01052
2112301-014A	13:15:45 Wed 05-~Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01052
CCV	13:18:25 Wed 05-~JQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01052	
CCB	13:21:04 Wed 05-~JQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01052	

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\

Report Date/Time: Friday, January 07, 2022 07:45:27

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:28:26	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	08:30:34	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	NEW 2%	08:32:43	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	NEW 2%	08:34:51	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	NEW 2%	08:39:23	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CAL BLK IS 25300	08:41:31	Thu 06-J:Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 1	08:43:39	Thu 06-J:Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 2	08:45:47	Thu 06-J:Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 3	08:47:55	Thu 06-J:Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 4	08:50:02	Thu 06-J:Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 5	08:52:10	Thu 06-J:Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 6	08:54:19	Thu 06-J:Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 7	08:56:27	Thu 06-J:Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 8	08:58:35	Thu 06-J:Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	09:00:44	Thu 06-J:QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	ICB	09:02:53	Thu 06-J:QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	ICV	09:05:01	Thu 06-J:QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	09:07:09	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	MB-34940	09:16:42	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	LCS-34940	09:18:50	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112385-004A	09:20:59	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112385-004ADUP	09:23:07	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112385-004AMS	09:25:15	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112385-004AMSD	09:27:23	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112386-008A	09:29:31	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112386-010A	09:31:40	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112387-002A	09:33:48	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112389-004A	09:35:55	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CCV	09:38:04	Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CCB	09:40:11	Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	2112451-001A	09:46:41	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CCV	09:48:50	Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CCB	09:50:59	Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	BLANK	11:11:59	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	CAL BLK IS 25300	11:15:38	Thu 06-J:Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 1	11:18:17	Thu 06-J:Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 2	11:20:56	Thu 06-J:Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 3	11:23:34	Thu 06-J:Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 4	11:26:13	Thu 06-J:Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 5	11:28:52	Thu 06-J:Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 6	11:31:31	Thu 06-J:Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 7	11:34:10	Thu 06-J:Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	Standard 8	11:36:49	Thu 06-J:Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	11:39:29	Thu 06-J:QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	ICB	11:42:07	Thu 06-J:QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	ICV	11:44:46	Thu 06-J:QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	BLANK	11:47:25	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	ICSA	11:59:24	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	12:02:04	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	
	WASH	12:04:43	Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010622eh\	

MB-34949	12:09:32 Thu 06-J:Sample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
LCS-34949	12:12:11 Thu 06-J:Sample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-053A	12:14:49 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-053ADIL	12:17:28 Thu 06-J:Sample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-053AMS	12:20:07 Thu 06-J:Sample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-053AMSD	12:22:46 Thu 06-J:Sample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-053APDS	12:25:25 Thu 06-J:Sample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201033-001A	12:28:05 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201033-002A	12:30:44 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-044A	12:33:23 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
CCV	12:36:03 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	12:38:42 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
2112242-061A	12:51:43 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112242-071A	12:54:22 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112301-029A	12:57:01 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112301-030A	12:59:40 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112301-052A	13:02:19 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112301-053A	13:04:57 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2112301-057A	13:07:36 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201008-001A	13:10:15 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201019-001A	13:12:54 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201039-001A	13:16:18 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
CCV	13:18:58 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	13:21:39 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	13:24:20 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	13:26:39 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	13:33:12 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	13:35:52 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	13:38:31 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
2201039-002A	13:41:22 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201039-003A	13:44:00 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
2201039-004A	13:46:39 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01062
WASH	13:49:19 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
MB-34951	13:51:59 Thu 06-J:Sample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
LCS-34951	13:54:38 Thu 06-J:Sample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201026-001D	13:57:16 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201026-001DDUP	13:59:55 Thu 06-J:Sample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201026-001DMS	14:02:34 Thu 06-J:Sample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-001A 2X	14:05:13 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
CCV	14:07:53 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	14:10:32 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	14:11:47 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	14:14:27 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	14:17:06 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
2201018-002A	14:22:21 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-003A	14:24:59 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-004A	14:27:38 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-005A	14:30:17 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-006A	14:32:56 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-007A	14:35:35 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-008A	14:38:14 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201018-009A	14:40:53 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201025-001D 2X	14:43:32 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201025-003B 2X	14:46:11 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
CCV	14:48:51 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	14:51:30 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
CCV	14:56:53 Thu 06-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01062
2201030-001E	15:03:18 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201031-001A	15:05:57 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062
2201032-001A	15:08:36 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01062

2201032-002A	15:11:30 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T _ gistix\ICPMS\DataSet\Jan2022\01062
2201035-001E 5X	15:14:09 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T _ gistix\ICPMS\DataSet\Jan2022\01062
2201009-001A	15:16:47 Thu 06-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T _ gistix\ICPMS\DataSet\Jan2022\01062
CCV	15:19:27 Thu 06-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01062
CCB	15:22:06 Thu 06-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01062
DI	15:27:02 Thu 06-J:QC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01062

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\

Report Date/Time: Friday, January 07, 2022 12:40:20

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	WASH	08:50:21 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	08:52:29 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	BLANK	08:54:37 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	BLANK	09:01:24 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	CAL BLK IS 25300	09:03:32 Fri 07-Jan	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 1	09:05:40 Fri 07-Jan	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 2	09:07:48 Fri 07-Jan	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 3	09:09:56 Fri 07-Jan	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 4	09:12:03 Fri 07-Jan	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 5	09:14:11 Fri 07-Jan	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 6	09:16:19 Fri 07-Jan	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 7	09:18:27 Fri 07-Jan	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 8	09:20:35 Fri 07-Jan	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	09:22:43 Fri 07-Jan	QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	ICB	09:24:52 Fri 07-Jan	QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	ICV	09:27:00 Fri 07-Jan	QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	BLANK	09:29:09 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	MB-34964	09:32:51 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	LCS-34964	09:34:59 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201044-001A	09:37:07 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201044-001ADUP	09:39:15 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201044-001AMS	09:41:22 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201044-001AMSD	09:43:30 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201043-001A	09:45:38 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201059-001A	09:47:46 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2201059-002A	09:49:54 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	CCV	09:52:02 Fri 07-Jan	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	CCB	09:54:10 Fri 07-Jan	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	10:25:58 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
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	Standard 1	10:34:55 Fri 07-Jan	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 2	10:37:34 Fri 07-Jan	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 3	10:40:13 Fri 07-Jan	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 4	10:42:52 Fri 07-Jan	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 5	10:45:31 Fri 07-Jan	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 6	10:48:10 Fri 07-Jan	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 7	10:50:49 Fri 07-Jan	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	Standard 8	10:53:28 Fri 07-Jan	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
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	ICB	10:58:46 Fri 07-Jan	QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	ICV	11:01:25 Fri 07-Jan	QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	BLANK	11:04:04 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	ICV	11:11:51 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	ICSA	11:20:29 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	11:23:09 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	WASH	11:25:48 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2112301-029A 100X	11:28:28 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	
	2112301-057A 100X	11:31:07 Fri 07-Jan	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010722eh\	

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2201018-002A 5X	11:39:04 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201018-003A 5X	11:41:43 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201018-004A 2X	11:44:22 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201018-005A 5X	11:47:01 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201018-006A 2X	11:49:39 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201018-007A 2X	11:52:18 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
CCV	11:54:58 Fri 07-JarQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01072
CCB	11:57:37 Fri 07-JarQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01072
CCV	12:03:01 Fri 07-JarSample	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01072
CCV	12:05:40 Fri 07-JarQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01072
CCB	12:08:20 Fri 07-JarQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01072
2201018-008A 2X	12:11:36 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
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2201025-001D 5X	12:16:54 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201030-001E	12:19:33 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201035-001E 5X	12:22:12 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
2201009-001A	12:24:51 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01072
WASH	12:27:30 Fri 07-JarSample	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01072
MB-34966	12:30:10 Fri 07-JarSample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
LCS-34966	12:32:49 Fri 07-JarSample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
2201052-001A	12:35:28 Fri 07-JarSample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01072
CCV	12:38:08 Fri 07-JarQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01072

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\

Report Date/Time: Monday, January 10, 2022 12:09:43

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	09:13:32 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	WASH	09:17:11 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	NEW 2%	09:19:50 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	NEW 2%	09:22:29 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	BLANK	10:04:24 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	CAL BLK IS 25300	10:07:03 Mon	10-JBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	Standard 1	10:09:42 Mon	10-JStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	Standard 2	10:12:21 Mon	10-JStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	Standard 3	10:15:00 Mon	10-JStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	Standard 4	10:17:38 Mon	10-JStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	Standard 5	10:20:17 Mon	10-JStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	Standard 6	10:22:56 Mon	10-JStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	Standard 7	10:25:35 Mon	10-JStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	Standard 8	10:28:14 Mon	10-JStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	WASH	10:30:54 Mon	10-JQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	ICB	10:33:33 Mon	10-JQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	ICV	10:36:12 Mon	10-JQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	WASH	10:38:51 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	ICSA	10:46:08 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	WASH	10:48:47 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	WASH	10:51:26 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	MB-34965	10:54:06 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	LCS-34965	10:56:45 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	2201061-001ADUP	10:59:24 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	221058-001C	11:02:03 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	2201019-001A 20X	11:04:42 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	2201069-001A 5X	11:07:22 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	2201070-001A 5X	11:10:01 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	2201023-001A 10X	11:12:40 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	2201023-001A	11:15:19 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	2201023-002A	11:17:57 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	CCV	11:20:37 Mon	10-JQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	CCB	11:23:17 Mon	10-JQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	2201023-004A	11:55:41 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	2201023-006A 10X	11:58:20 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	2201023-006A	12:00:59 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	2201023-011A	12:03:38 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	
	WASH	12:06:18 Mon	10-JSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011022eh\	

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\

Report Date/Time: Tuesday, January 11, 2022 14:27:20

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	09:35:30 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	09:39:10 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	09:41:49 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	blank	09:54:21 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	blank	09:57:00 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CAL BLK IS 25300	10:42:57 Tue 11-J	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 1	10:45:37 Tue 11-J	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 2	10:48:16 Tue 11-J	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 3	10:50:55 Tue 11-J	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 4	10:53:34 Tue 11-J	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 5	10:56:13 Tue 11-J	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 6	10:58:51 Tue 11-J	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 7	11:01:30 Tue 11-J	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	Standard 8	11:04:09 Tue 11-J	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:06:49 Tue 11-J	QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	ICB	11:09:28 Tue 11-J	QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	ICV	11:12:08 Tue 11-J	QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:14:47 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	ICSA	11:30:39 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:33:19 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	11:35:58 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	MB-34980	11:44:44 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	LCS-34980	11:47:23 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001A	11:50:01 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001ADIL	11:52:40 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001AMS	11:55:19 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001AMSD	11:57:58 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201086-001APDS	12:00:37 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-001A	12:03:17 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-002A	12:05:56 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-003A	12:08:34 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:11:14 Tue 11-J	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCB	12:13:53 Tue 11-J	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-004A	12:23:09 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-005A	12:25:48 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-006A	12:28:27 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201113-007A	12:31:06 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	12:33:46 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	MB-34990	12:36:25 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	LCS-34990	12:39:04 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201098-001C	12:41:43 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201098-001CDUP	12:44:22 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	2201098-001CMS	12:47:01 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:49:41 Tue 11-J	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:53:13 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCV	12:55:52 Tue 11-J	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	CCB	12:58:31 Tue 11-J	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	WASH	13:09:31 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	MB-34989	13:12:11 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	
	LCS-34989	13:14:49 Tue 11-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\011121eh\	

2111392-001A	13:17:28 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2111392-001ADUP	13:20:07 Tue 11-J:Sample	C:\Users\Public\DocumDUP,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2111392-001AMS	13:22:46 Tue 11-J:Sample	C:\Users\Public\DocumMS,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2111392-001AMSD	13:25:25 Tue 11-J:Sample	C:\Users\Public\DocumMSD,M-TCLP	gistix\ICPMS\DataSet\Jan2022\01112
2201097-001D	13:28:04 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2201097-003B	13:30:43 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
LCS-34990	13:33:23 Tue 11-J:Sample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2201105-001B	13:36:03 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
CCV	13:38:42 Tue 11-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112
CCB	13:41:22 Tue 11-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112
CCB	13:45:21 Tue 11-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112
2201106-001C	13:49:57 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2201111-001C	13:52:36 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01112
2112242-045A 10X	13:55:16 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112242-062A 10X	13:57:55 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112301-005A 10X	14:00:34 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112301-040A 10X	14:03:13 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112301-043A 10X	14:05:51 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112301-050A 10X	14:08:30 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2112277-057A 10X	14:11:09 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
2201094-001A	14:13:48 Tue 11-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01112
CCV	14:16:28 Tue 11-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112
CCB	14:19:08 Tue 11-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix	gistix\ICPMS\DataSet\Jan2022\01112

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\

Report Date/Time: Thursday, January 20, 2022 15:02:32

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	09:03:28	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	WASH	09:09:02	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	NEW 2%	09:14:36	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	NEW 2%	09:20:11	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	BLANK	09:45:29	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	CAL BLK IS 23514	09:48:57	Thu 20-J:Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 2	09:52:25	Thu 20-J:Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 5	09:55:53	Thu 20-J:Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 6	09:59:21	Thu 20-J:Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 8	10:02:48	Thu 20-J:Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	WASH	10:06:17	Thu 20-J:QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	ICB	10:09:45	Thu 20-J:QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	ICV	10:13:13	Thu 20-J:QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	WASH	10:16:41	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	MB-35068	10:34:41	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	LCS-35068	10:38:09	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201260-002D	10:41:37	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201260-002DDUP	10:45:05	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201260-002DMS	10:48:34	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201206-001A 2X	10:52:01	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	LCS-35050	10:55:29	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201214-002DDUP 5X	10:58:57	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201219-001A 10X	11:02:26	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201219-002A 10X	11:05:54	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	CCV	11:09:22	Thu 20-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	CCB	11:12:50	Thu 20-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	WASH	11:18:48	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	MB-35008	11:22:17	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	LCS-35008	11:25:44	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201152-001A	11:29:12	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201152-001ADUP	11:32:39	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201152-001AMS	11:36:07	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201143-043E	11:39:34	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	2201143-043E	11:43:02	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	CCV	11:46:31	Thu 20-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	CCB	11:49:59	Thu 20-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	wash	11:56:16	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	BLANK	11:59:55	Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	CAL BLK IS 25300	12:02:35	Thu 20-J:Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 1	12:05:14	Thu 20-J:Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 2	12:07:53	Thu 20-J:Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 3	12:10:32	Thu 20-J:Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 4	12:13:10	Thu 20-J:Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 5	12:15:49	Thu 20-J:Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 6	12:18:28	Thu 20-J:Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 7	12:21:07	Thu 20-J:Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	Standard 8	12:23:46	Thu 20-J:Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	WASH	12:26:26	Thu 20-J:QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	ICB	12:29:05	Thu 20-J:QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	
	ICV	12:31:44	Thu 20-J:QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012022eh\	

WASH	12:34:23 Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01202
ICV	12:51:45 Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01202
ICSA	13:05:46 Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01202
WASH	13:08:25 Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01202
WASH	13:11:05 Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01202
MB-35082	13:18:48 Thu 20-J:Sample	C:\Users\Public\DocumMBLK,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
LCS-35082	13:21:27 Thu 20-J:Sample	C:\Users\Public\DocumLCS,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201279-017A	13:24:06 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201279-017ADIL	13:26:44 Thu 20-J:Sample	C:\Users\Public\DocumSD,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201279-017AMS	13:29:23 Thu 20-J:Sample	C:\Users\Public\DocumMS,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201279-017AMSD	13:32:02 Thu 20-J:Sample	C:\Users\Public\DocumMSD,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201279-017APDS	13:34:41 Thu 20-J:Sample	C:\Users\Public\DocumPDS,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201279-018A	13:37:20 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201257-001B	13:40:00 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01202
2201260-003D	13:42:39 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01202
CCV	13:45:19 Thu 20-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01202
CCB	13:50:06 Thu 20-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01202
2112301-031A 10X	13:53:22 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-001A	13:56:01 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-003A	13:58:40 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-004A	14:01:19 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-005A	14:03:58 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-007A	14:06:37 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-008A	14:09:16 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-010A	14:11:54 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-012A	14:14:33 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-013A	14:17:12 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
CCV	14:19:52 Thu 20-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01202
CCB	14:22:31 Thu 20-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01202
2201269-014A	14:30:10 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-015A	14:32:48 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-016A	14:35:27 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-017A	14:38:07 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-018A	14:40:45 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-020A	14:43:24 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-022A	14:46:03 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-024A	14:48:42 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
2201269-001A	14:52:26 Thu 20-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01202
CCV	14:55:06 Thu 20-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01202
CCB	14:57:45 Thu 20-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01202
MB-35081	15:00:40 Thu 20-J:Sample	C:\Users\Public\DocumMBLK,M-200.8-T . gistix\ICPMS\DataSet\Jan2022\01202

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\

Report Date/Time: Friday, February 04, 2022 07:49:05

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	09:39:48 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	WASH	09:43:28 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	WASH	09:46:07 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	NEW 2%	09:48:46 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	NEW 2%	09:51:25 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	CAL BLK IS 25300	09:56:02 Thu	03-FBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 1	09:58:41 Thu	03-FStandard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 2	10:01:20 Thu	03-FStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 3	10:03:59 Thu	03-FStandard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 4	10:06:38 Thu	03-FStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 5	10:09:17 Thu	03-FStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 6	10:11:56 Thu	03-FStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 7	10:14:35 Thu	03-FStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	Standard 8	10:17:14 Thu	03-FStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	WASH	10:19:53 Thu	03-FQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	ICB	10:22:33 Thu	03-FQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	ICV	10:25:12 Thu	03-FQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	NEW 2%	10:27:51 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	ICV	10:31:54 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	ICSA	10:43:26 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	WASH	10:46:06 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	WASH	10:48:45 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	LCS-35222	10:54:06 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201561-005A	10:56:45 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201561-005ADUP	10:59:24 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2202006-001A	11:02:03 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201518-001A	11:04:42 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201549-001E	11:07:21 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201550-001A	11:09:59 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201550-002A	11:12:38 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201559-001A	11:15:17 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2202014-001A 50X	11:17:57 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	CCV	11:20:36 Thu	03-FQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	CCB	11:23:15 Thu	03-FQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201334-072A 2X DI	11:28:45 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201334-072A 2X UN1	11:31:24 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201334-072A 2X AC11	11:34:04 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201334-073A 2X DI	11:36:43 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201334-073A 2X UN1	11:39:22 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201334-073A 2X AC11	11:42:02 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	WASH	11:44:41 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	MB-35223	11:47:21 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	LCS-35223	11:49:59 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201431-006A	11:52:38 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	2201431-006ADIL	11:55:17 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	CCV	11:57:57 Thu	03-FQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	CCB	12:00:36 Thu	03-FQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	CCV	12:02:40 Thu	03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	CCV	12:05:19 Thu	03-FQC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	
	CCB	12:07:58 Thu	03-FQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\020322eh\	

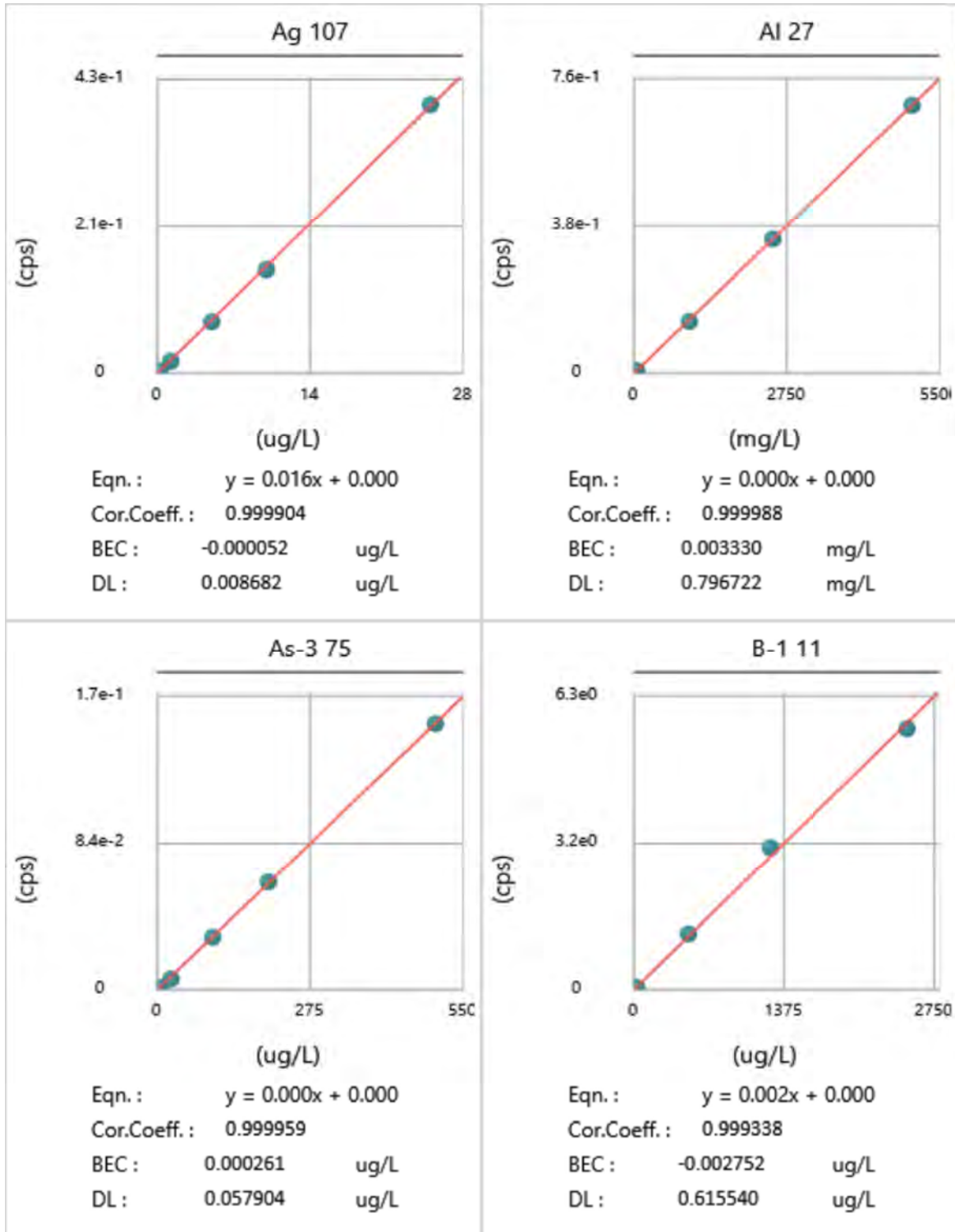
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WASH	12:19:16 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
WASH	12:21:55 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
BLANK	12:24:35 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
CCV	12:27:14 Thu 03-F	QCC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
BLANK	12:31:10 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
CAL BLK IS 25300	12:34:18 Thu 03-F	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 1	12:36:26 Thu 03-F	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 2	12:38:34 Thu 03-F	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 3	12:40:42 Thu 03-F	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 4	12:42:49 Thu 03-F	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 5	12:44:57 Thu 03-F	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 6	12:47:05 Thu 03-F	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 7	12:49:13 Thu 03-F	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 8	12:51:21 Thu 03-F	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
WASH	12:53:30 Thu 03-F	QCC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
ICB	12:55:38 Thu 03-F	QCC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
ICV	12:57:46 Thu 03-F	QCC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
NEW 2%	12:59:54 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
ICV	13:04:15 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
MB-35163	13:13:46 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
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2201356-006A 20X	13:20:12 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
WASH	13:22:21 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
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2201462-001ADUP	13:30:53 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
2201462-001AMS	13:33:01 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
2201462-001AMSD	13:35:09 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
CCV	13:37:17 Thu 03-F	QCC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
CCB	13:39:25 Thu 03-F	QCC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
2201504-001A	13:41:41 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
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2202053-002A	13:50:14 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
2202053-003A	13:52:22 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
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CCV	14:02:58 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
CCV	14:05:06 Thu 03-F	QCC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
CCB	14:07:14 Thu 03-F	QCC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
MB-CEC	14:14:28 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
LCS-CEC	14:16:36 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
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CCB	14:33:41 Thu 03-F	QCC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
BLANK	14:39:13 Thu 03-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
CAL BLK IS 25300	14:42:52 Thu 03-F	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 1	14:45:31 Thu 03-F	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203

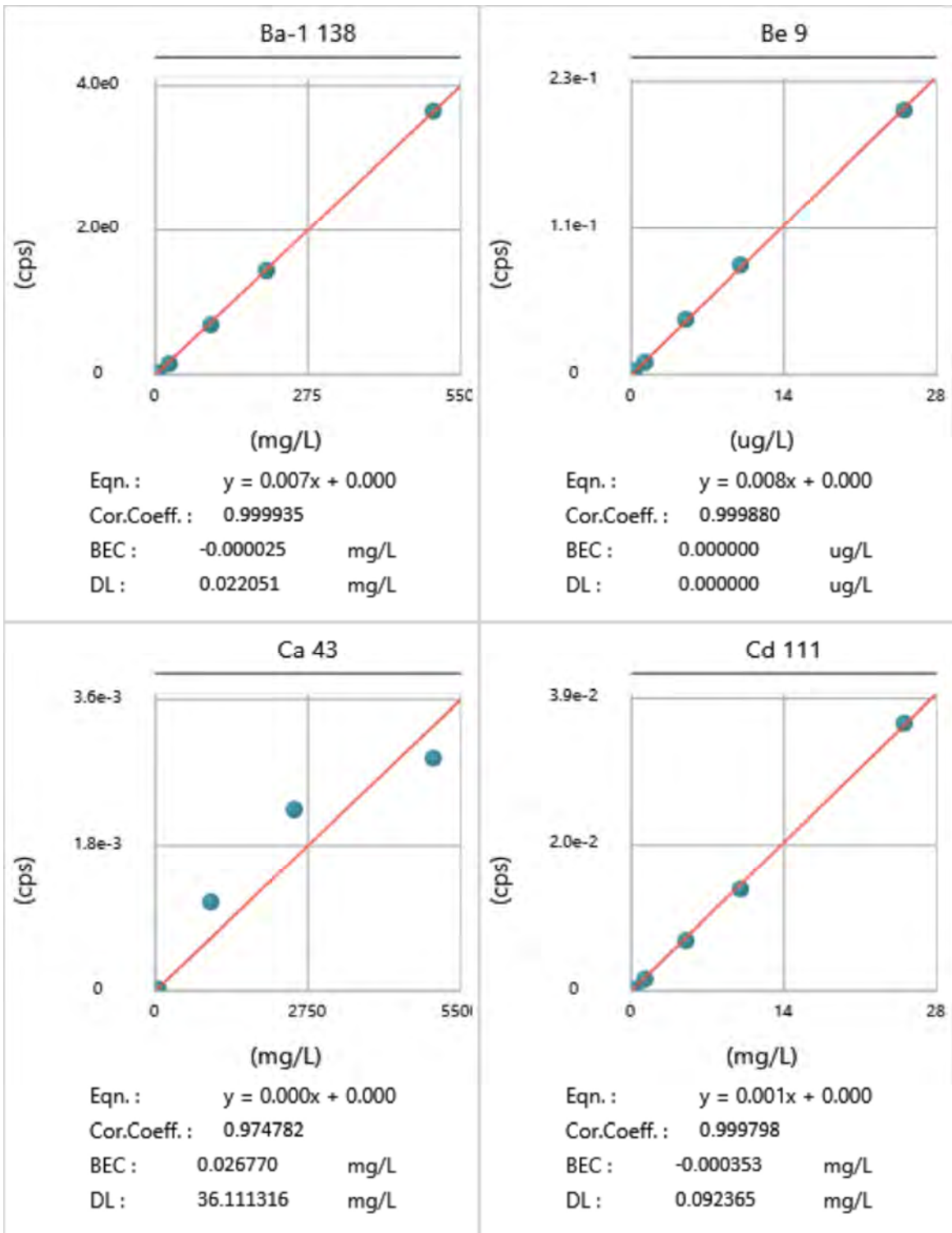
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Standard 4	14:53:27 Thu 03-FStandard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 5	14:56:06 Thu 03-FStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 6	14:58:45 Thu 03-FStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 7	15:01:24 Thu 03-FStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
Standard 8	15:04:03 Thu 03-FStandard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
WASH	15:06:42 Thu 03-FQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
ICB	15:09:21 Thu 03-FQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
ICV	15:12:00 Thu 03-FQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
NEW 2%	15:14:38 Thu 03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
ICSA	15:24:05 Thu 03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
WASH	15:26:44 Thu 03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
WASH	15:29:24 Thu 03-FSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
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MB-35223	15:43:44 Thu 03-FSample	C:\Users\Public\DocumMBLK,M-6020-S gistix\ICPMS\DataSet\Feb2022\0203
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2201432-001A	16:18:12 Thu 03-FSample	C:\Users\Public\DocumSAMP,M-6020-S gistix\ICPMS\DataSet\Feb2022\0203
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CCB	16:39:26 Thu 03-FQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Feb2022\0203
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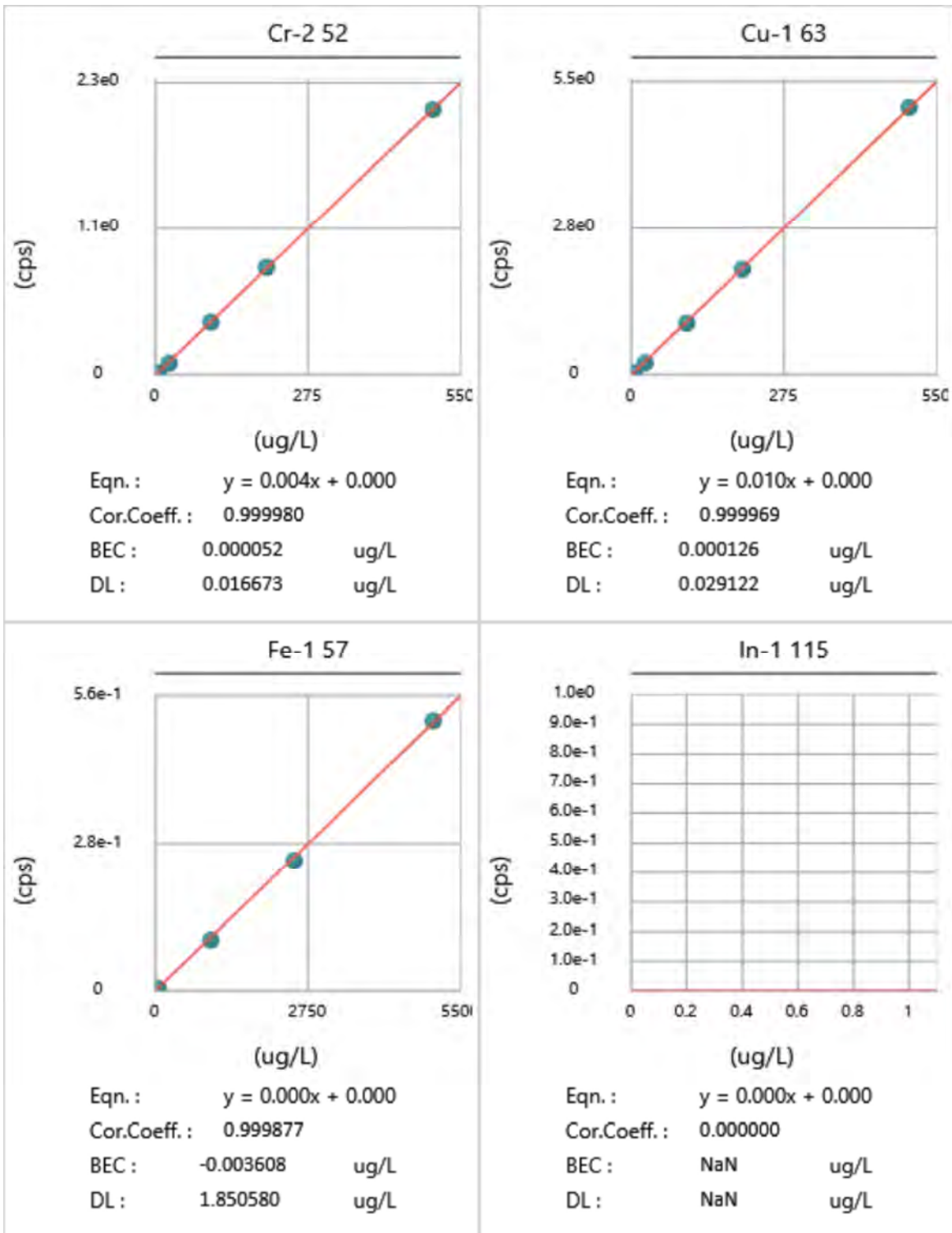
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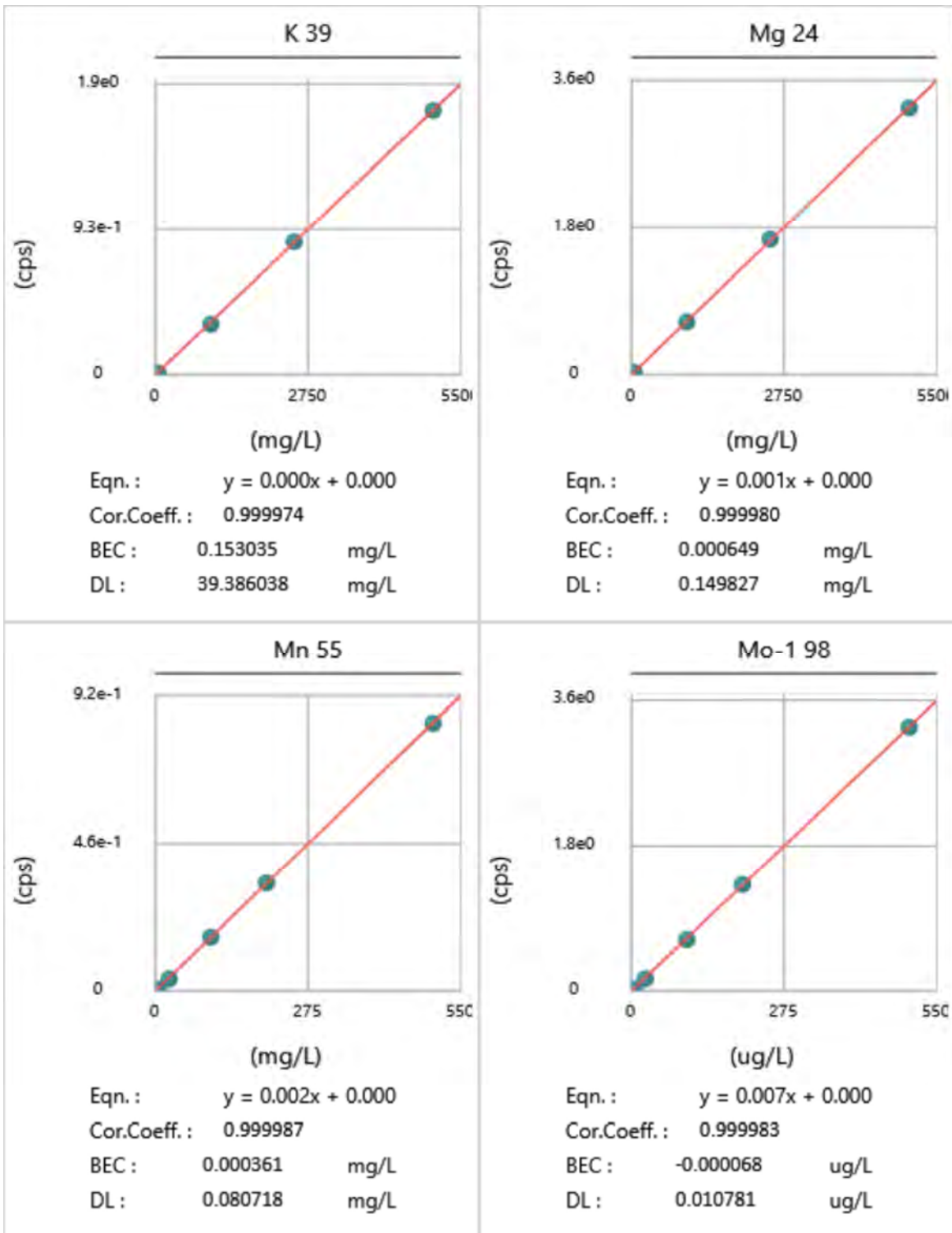


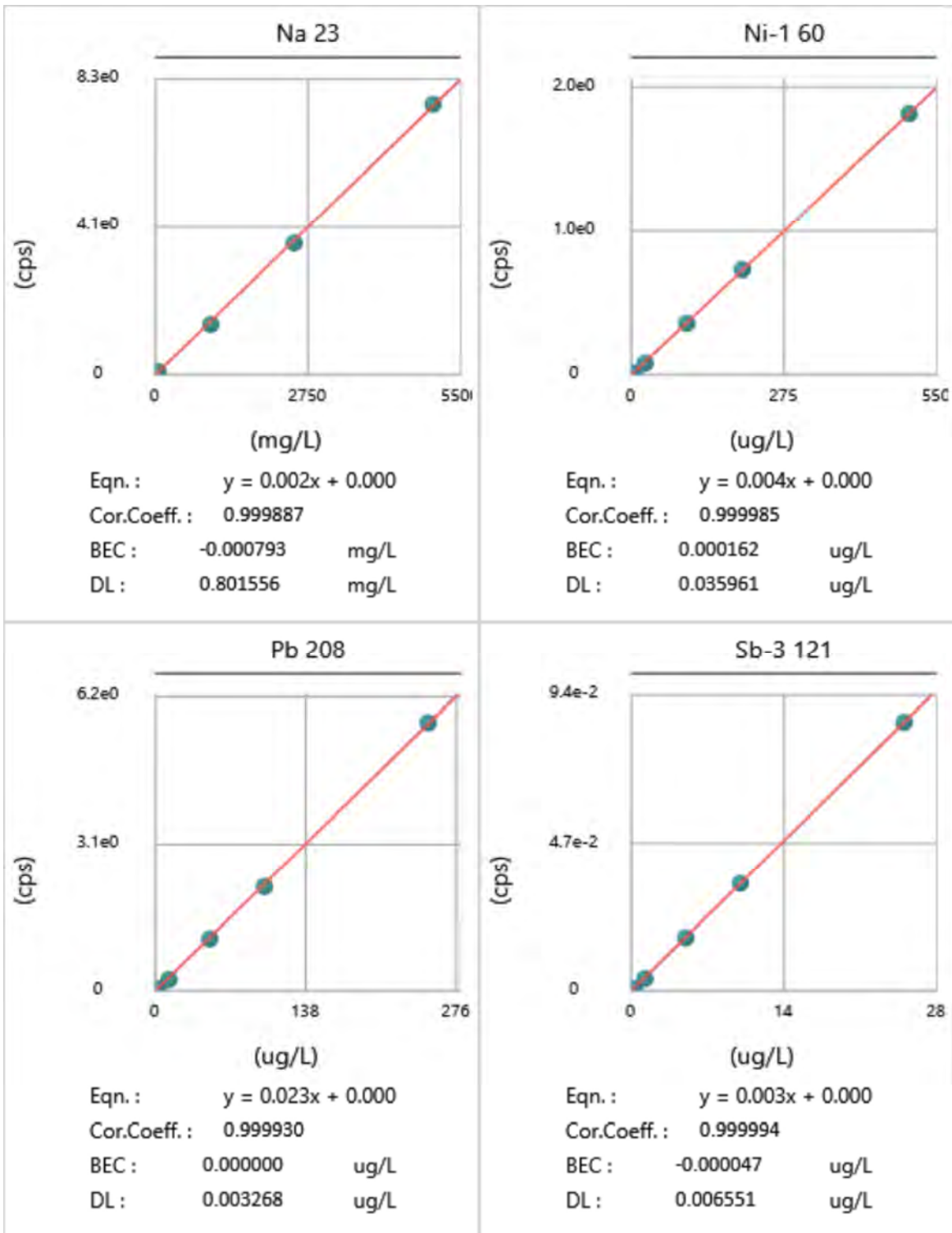
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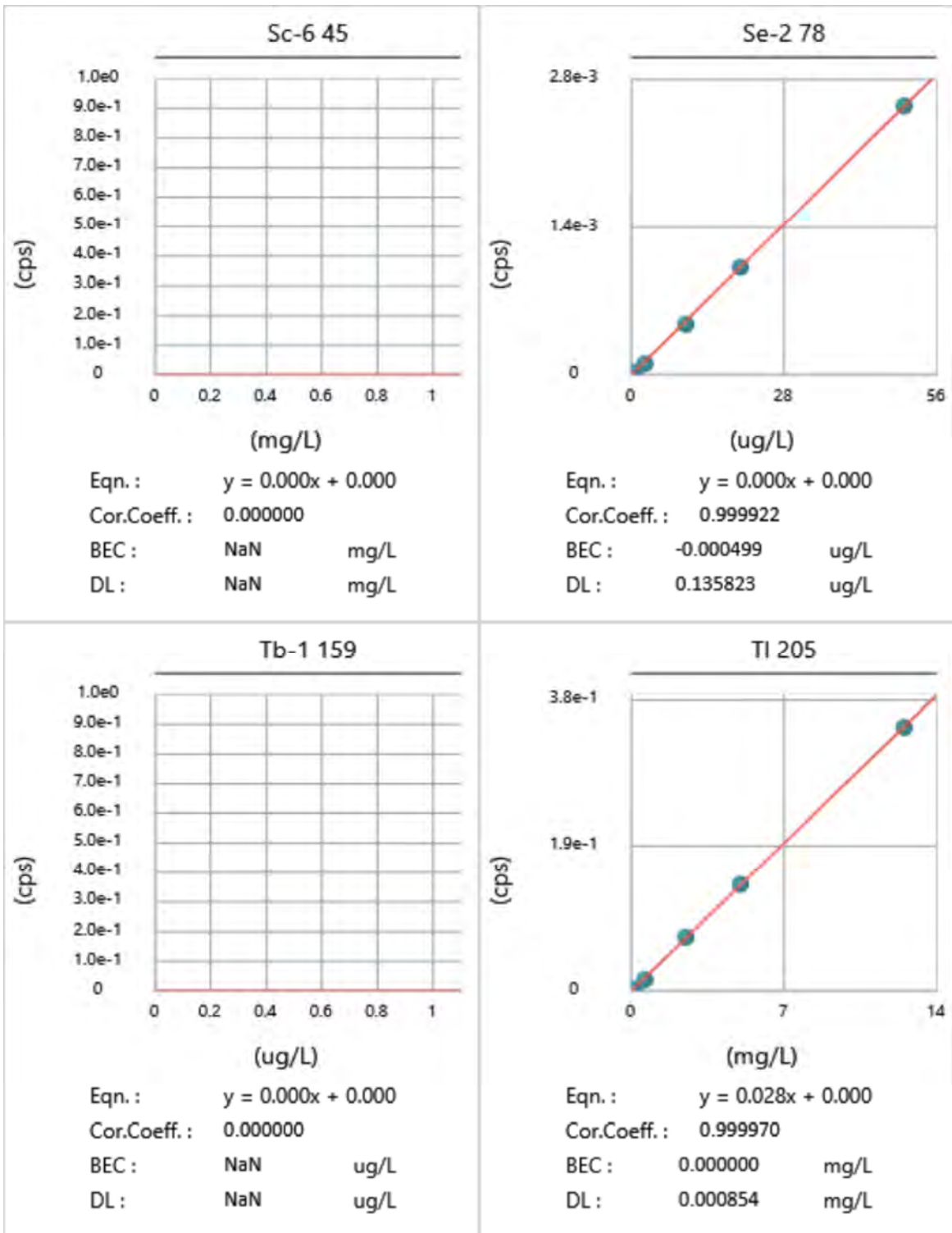


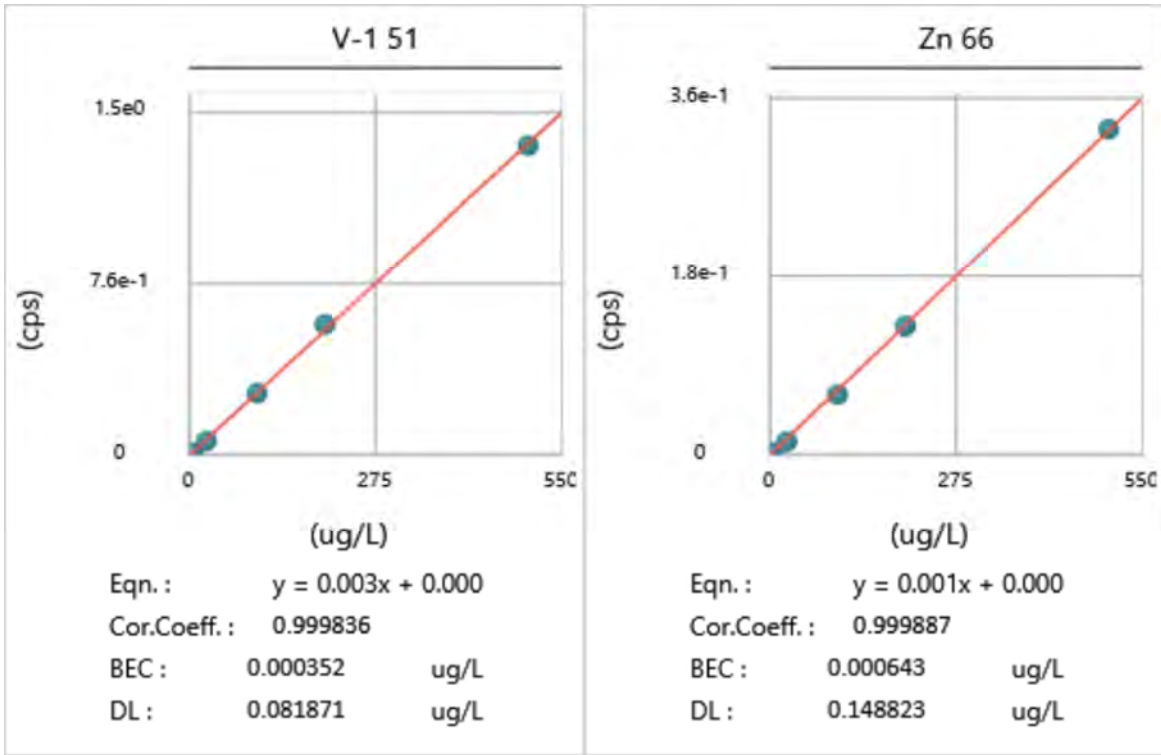


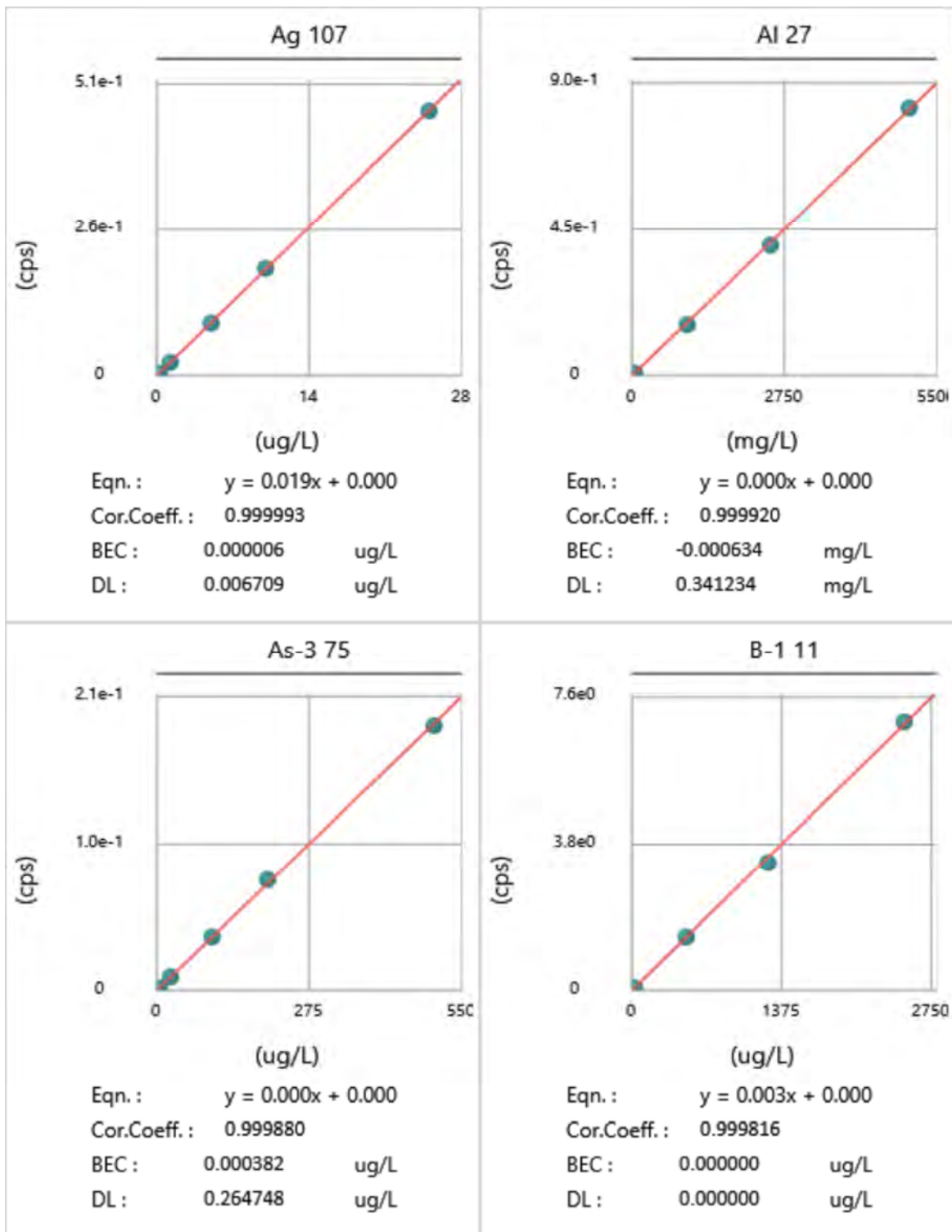


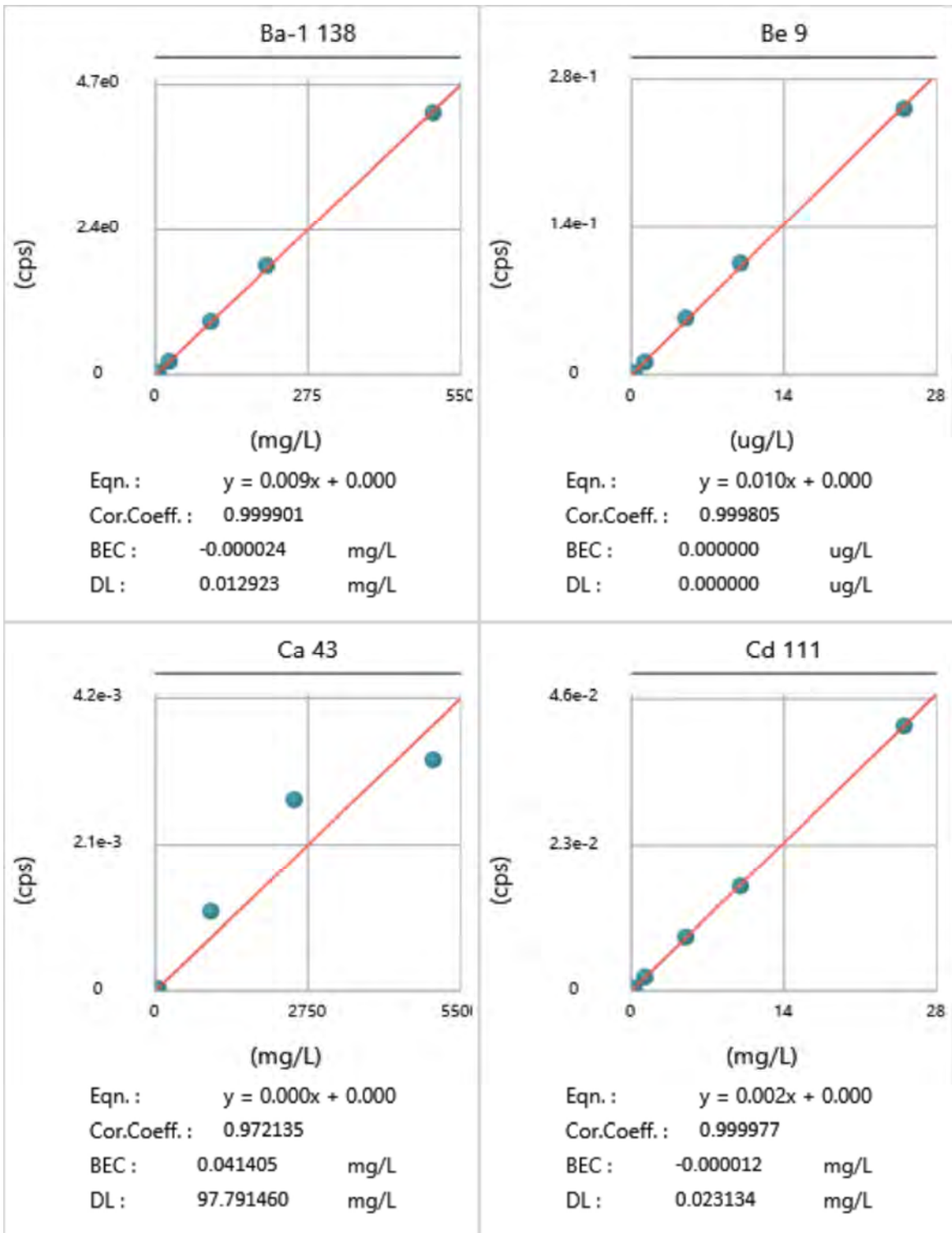


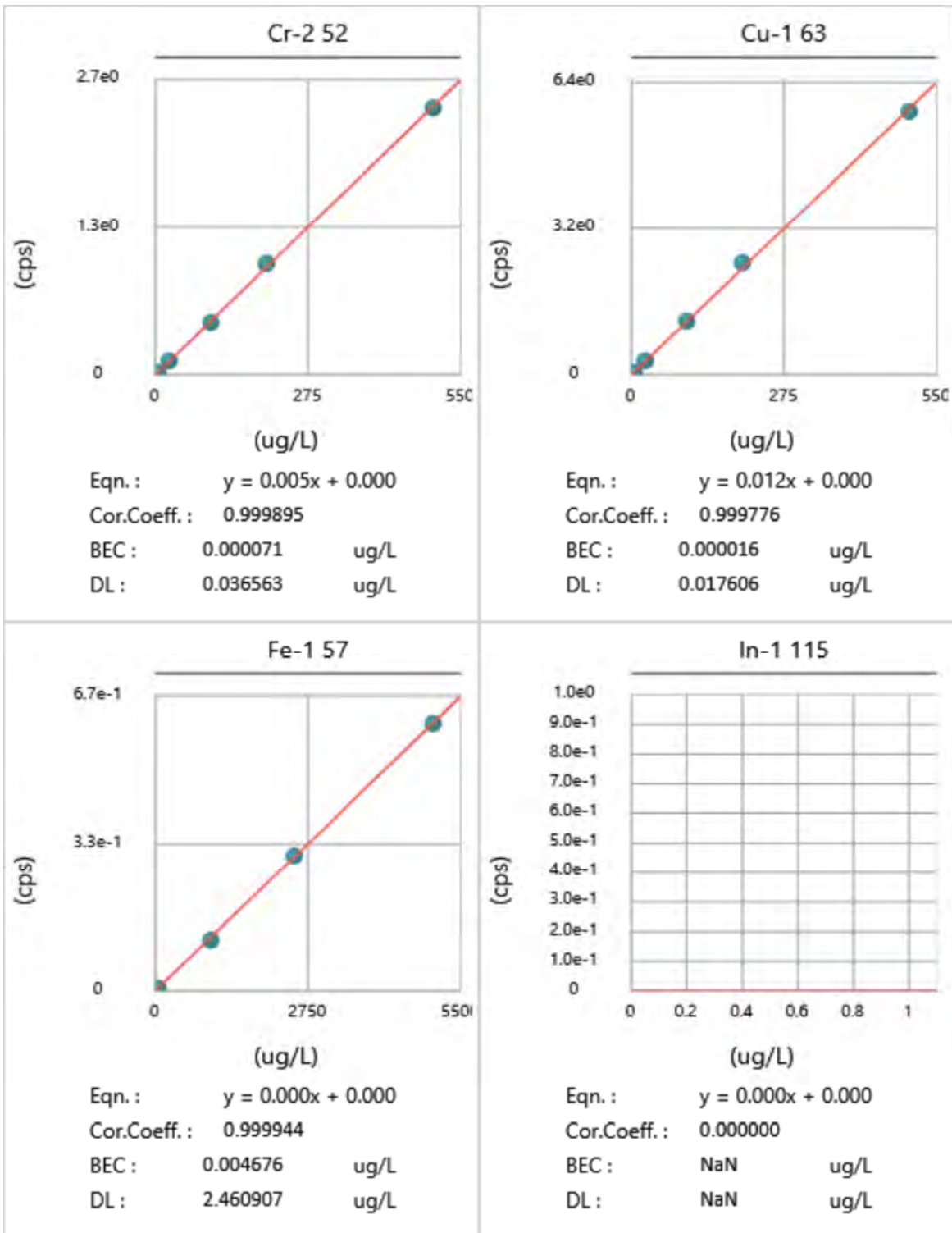


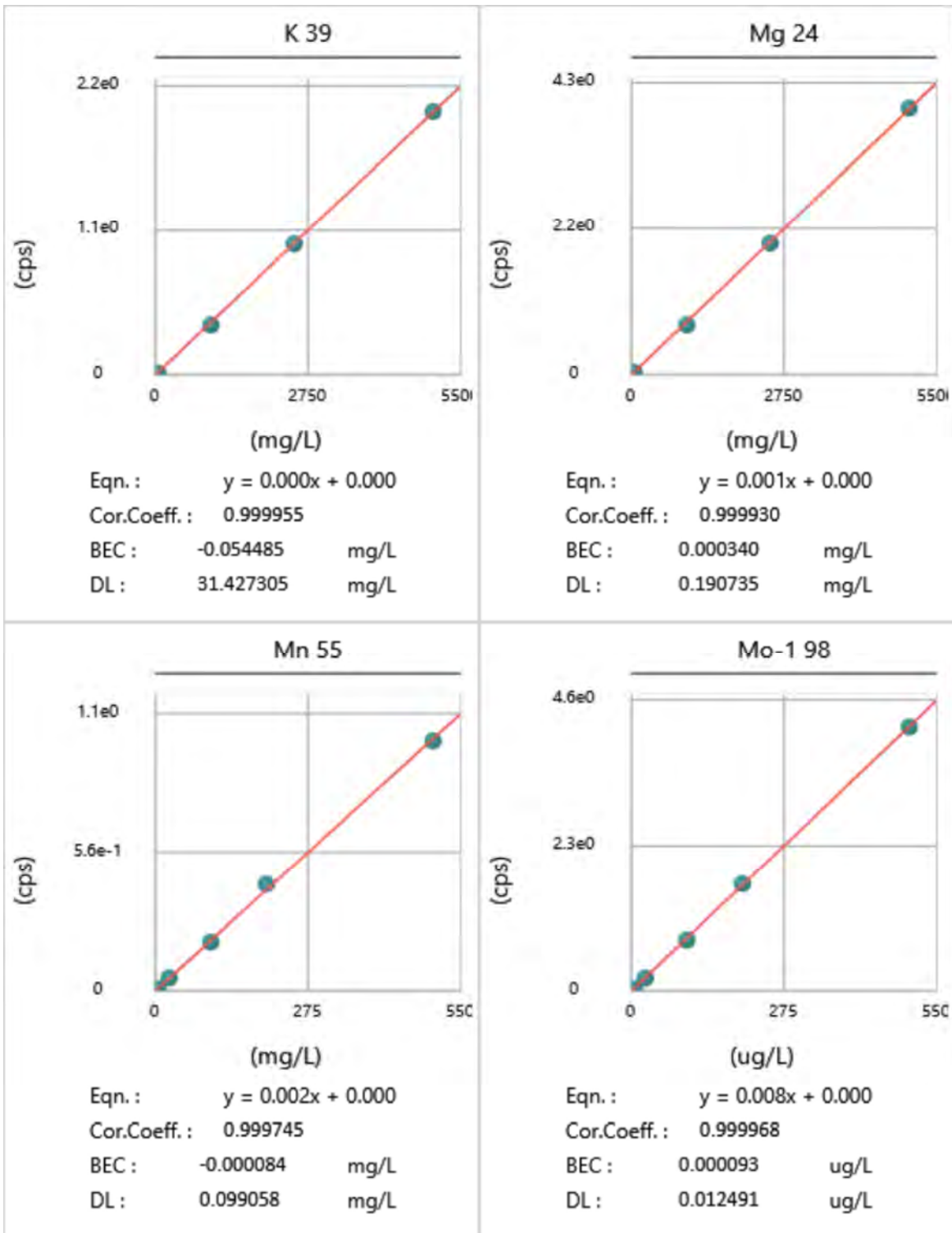


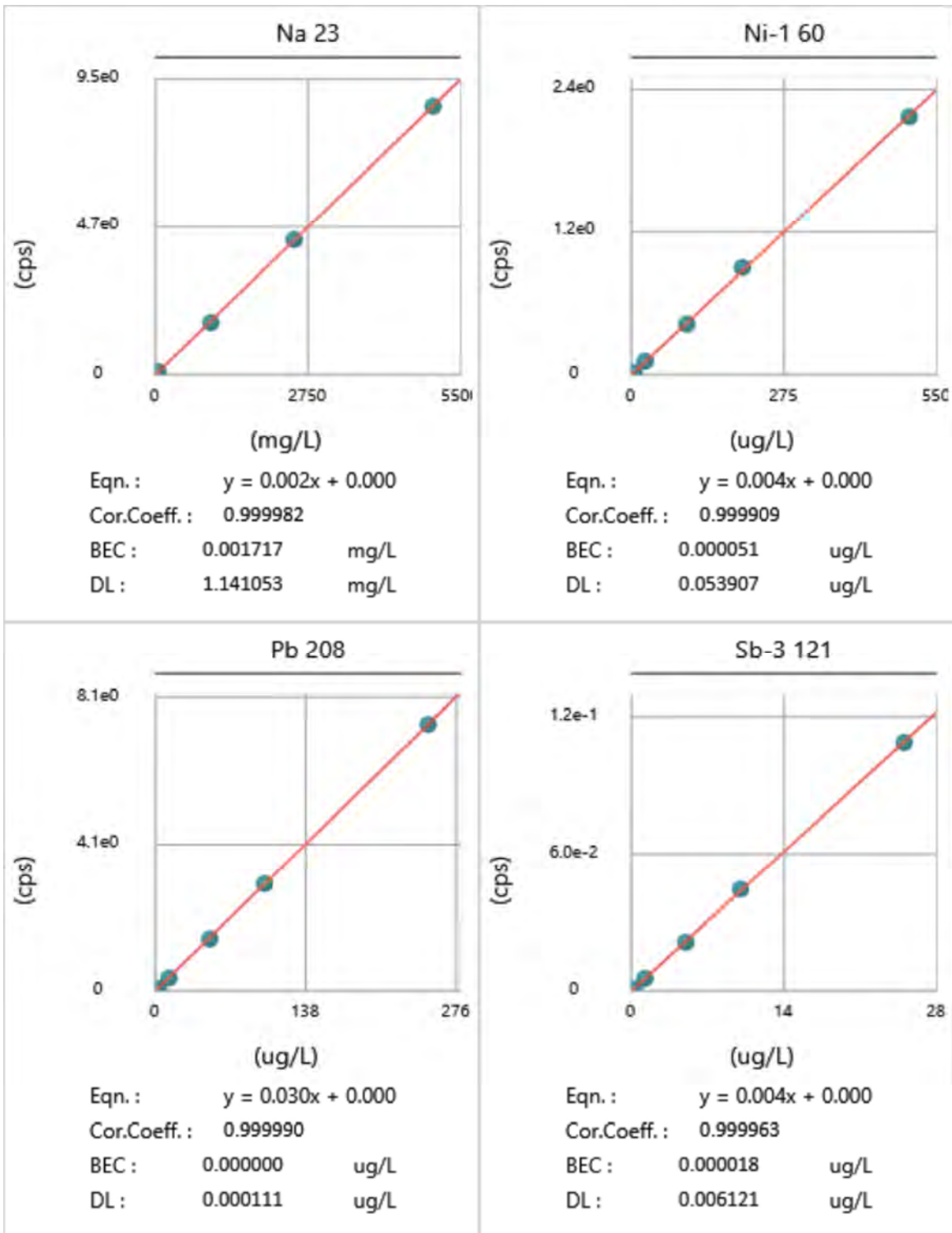


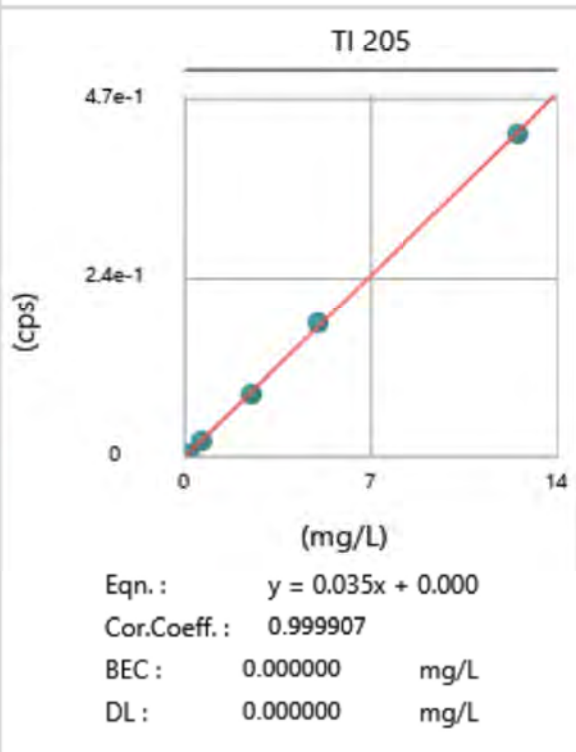
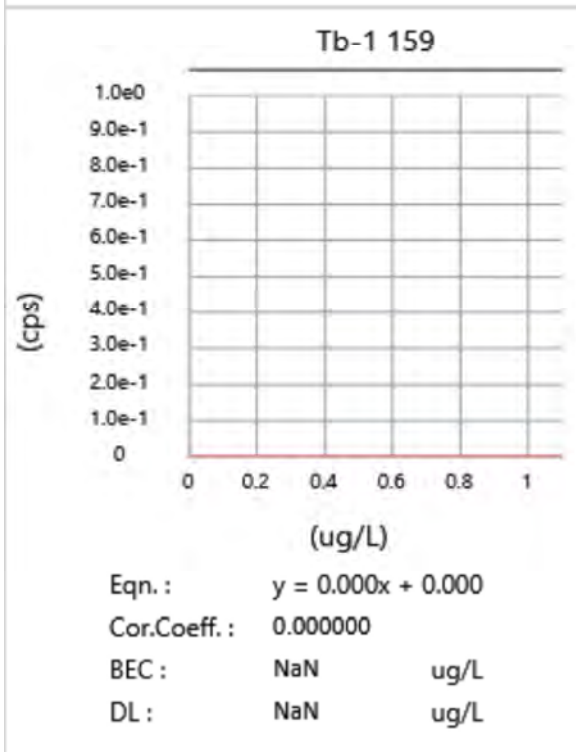
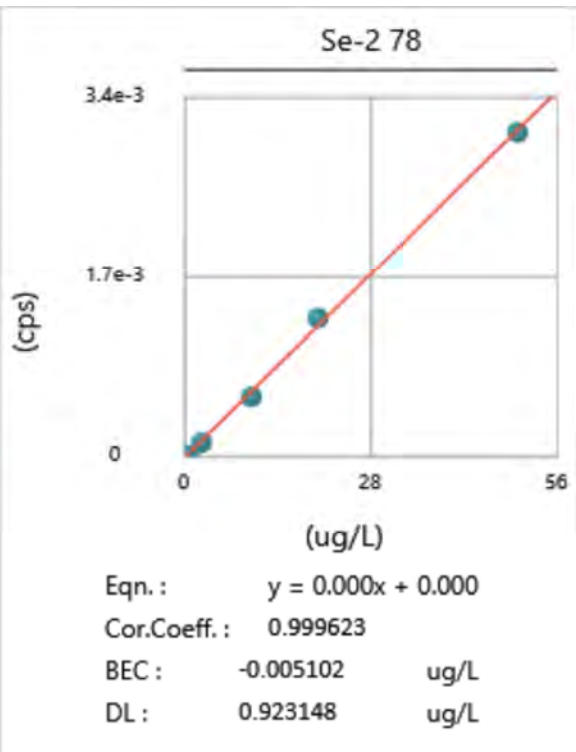
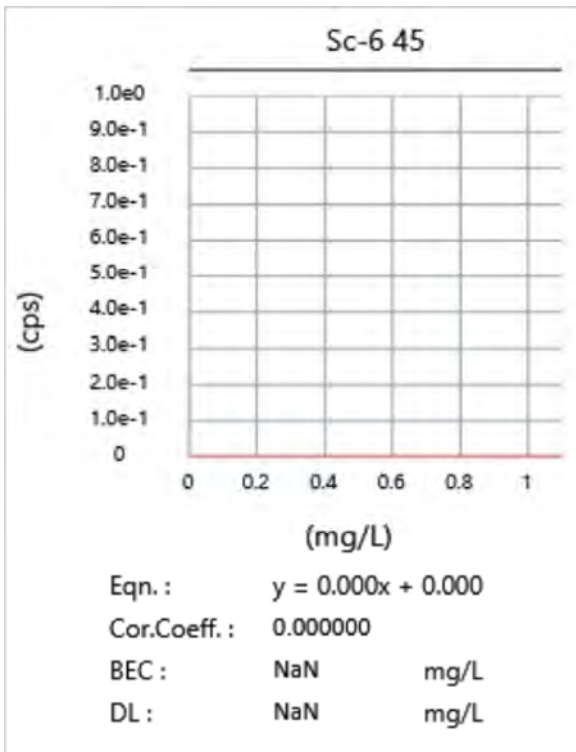


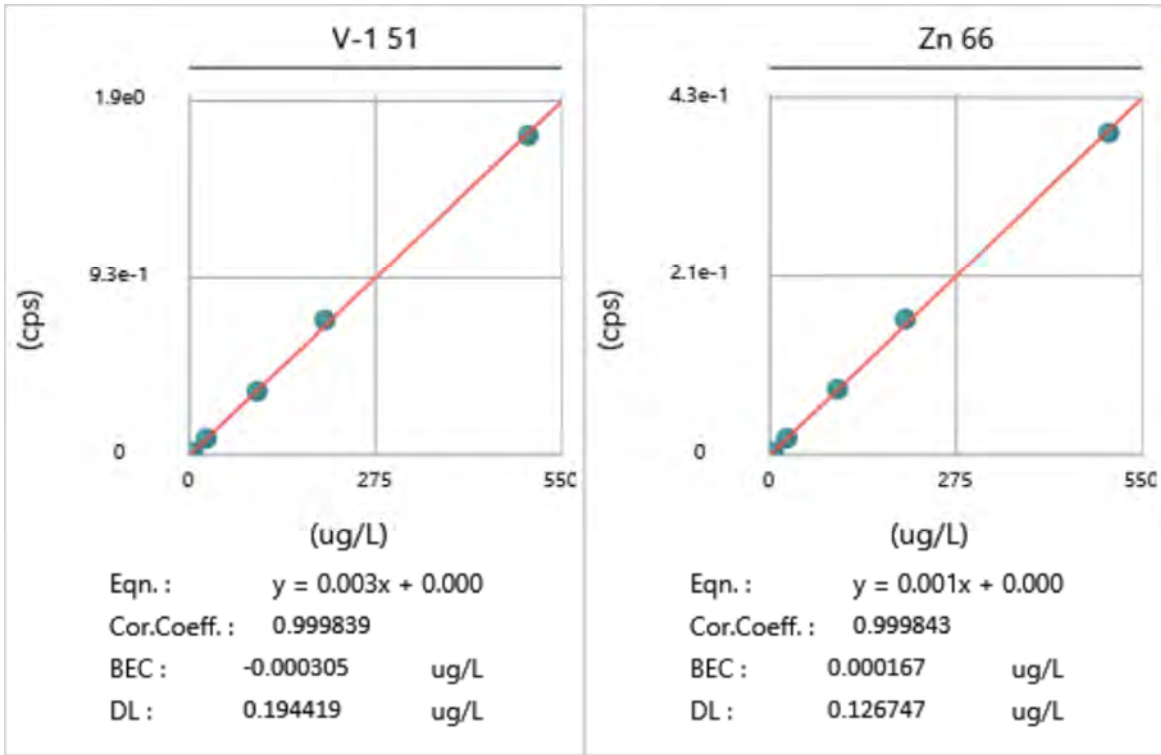


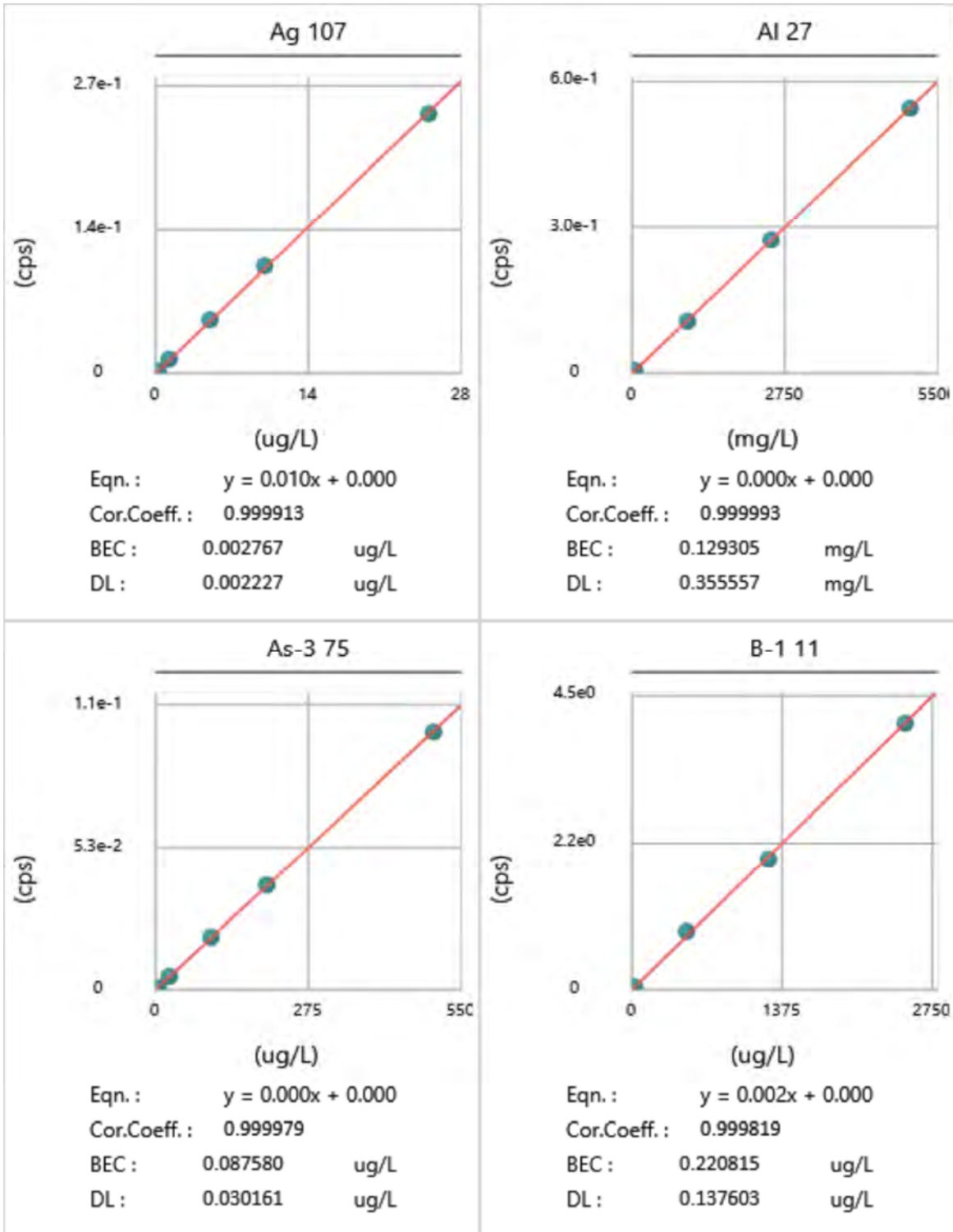


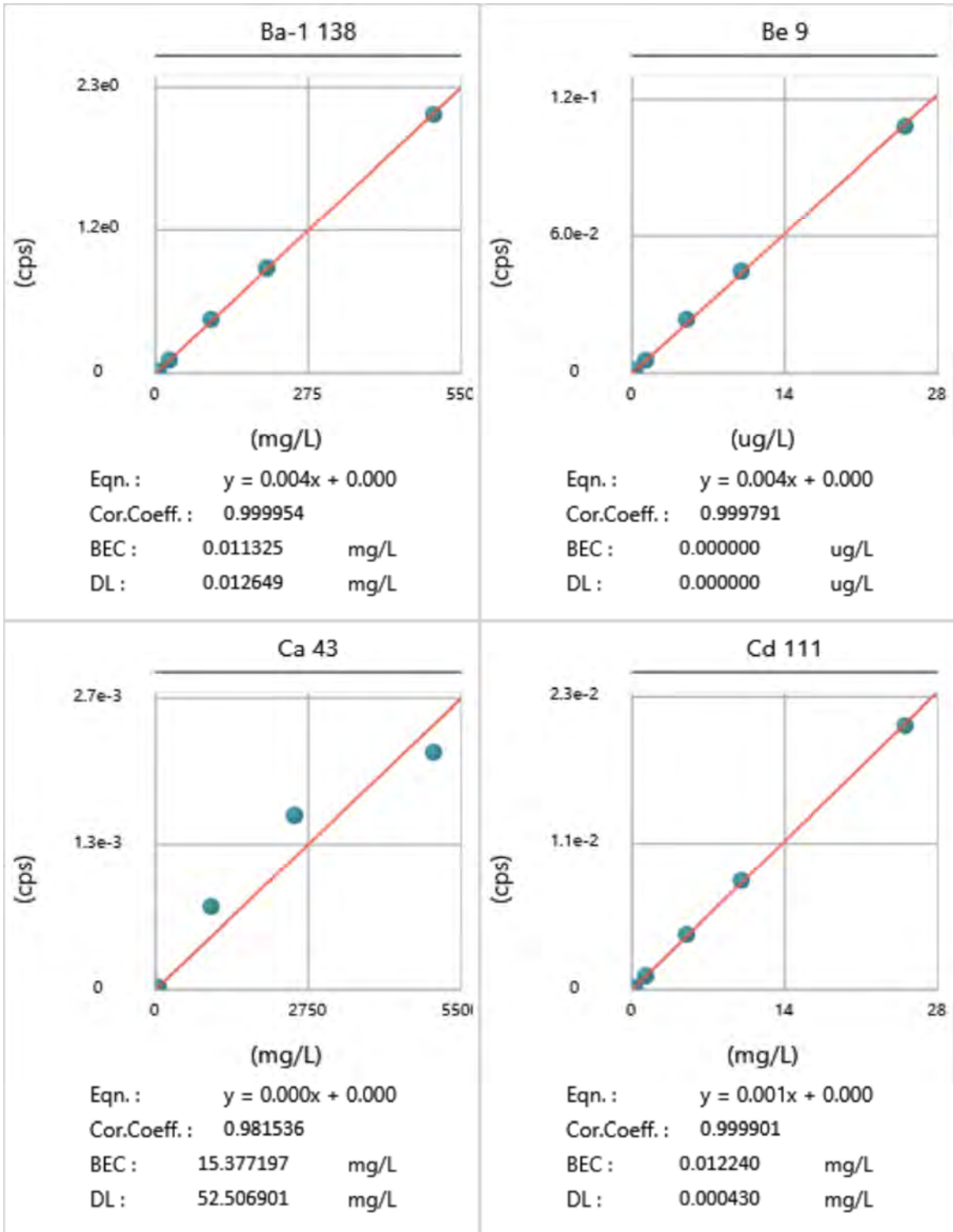


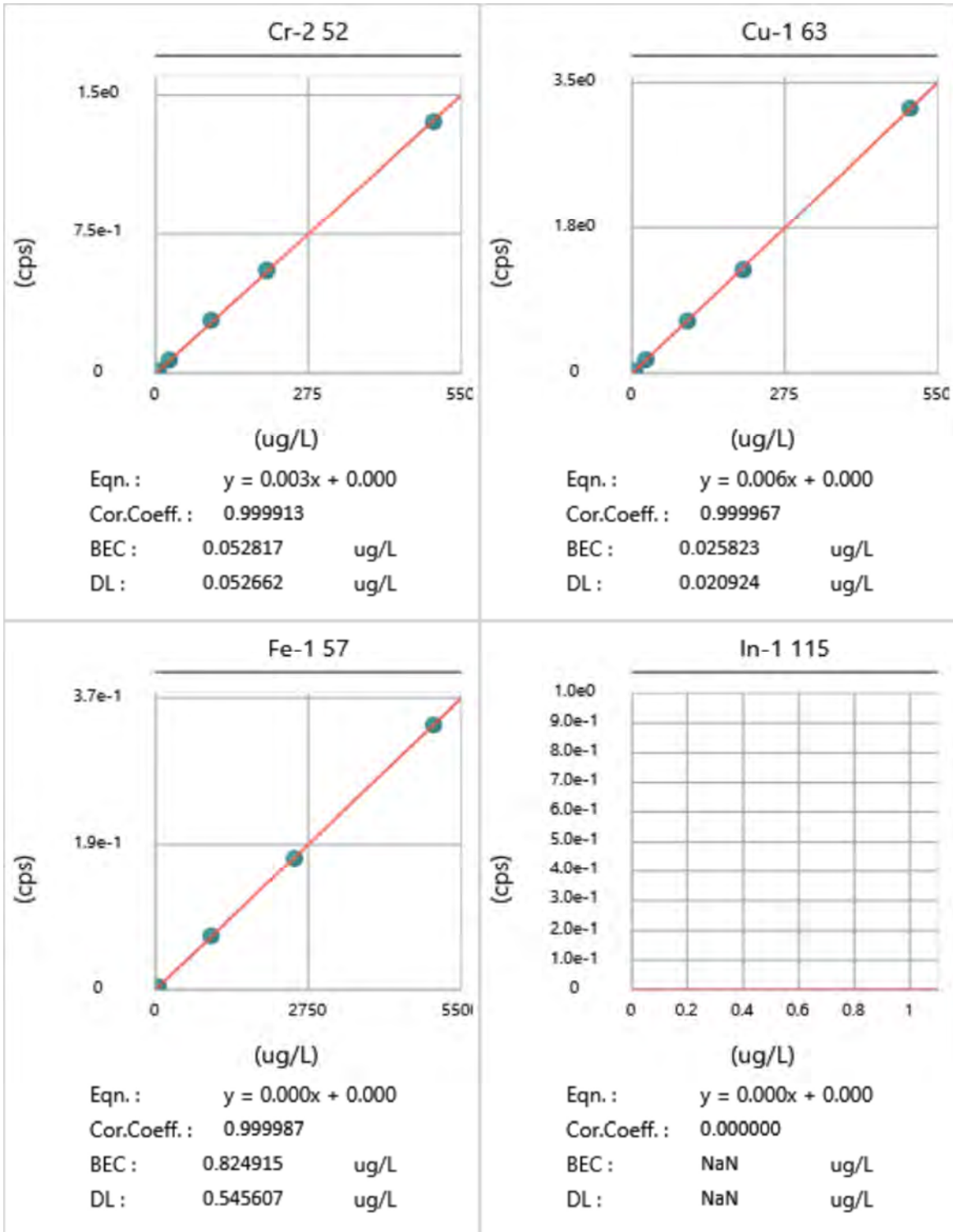


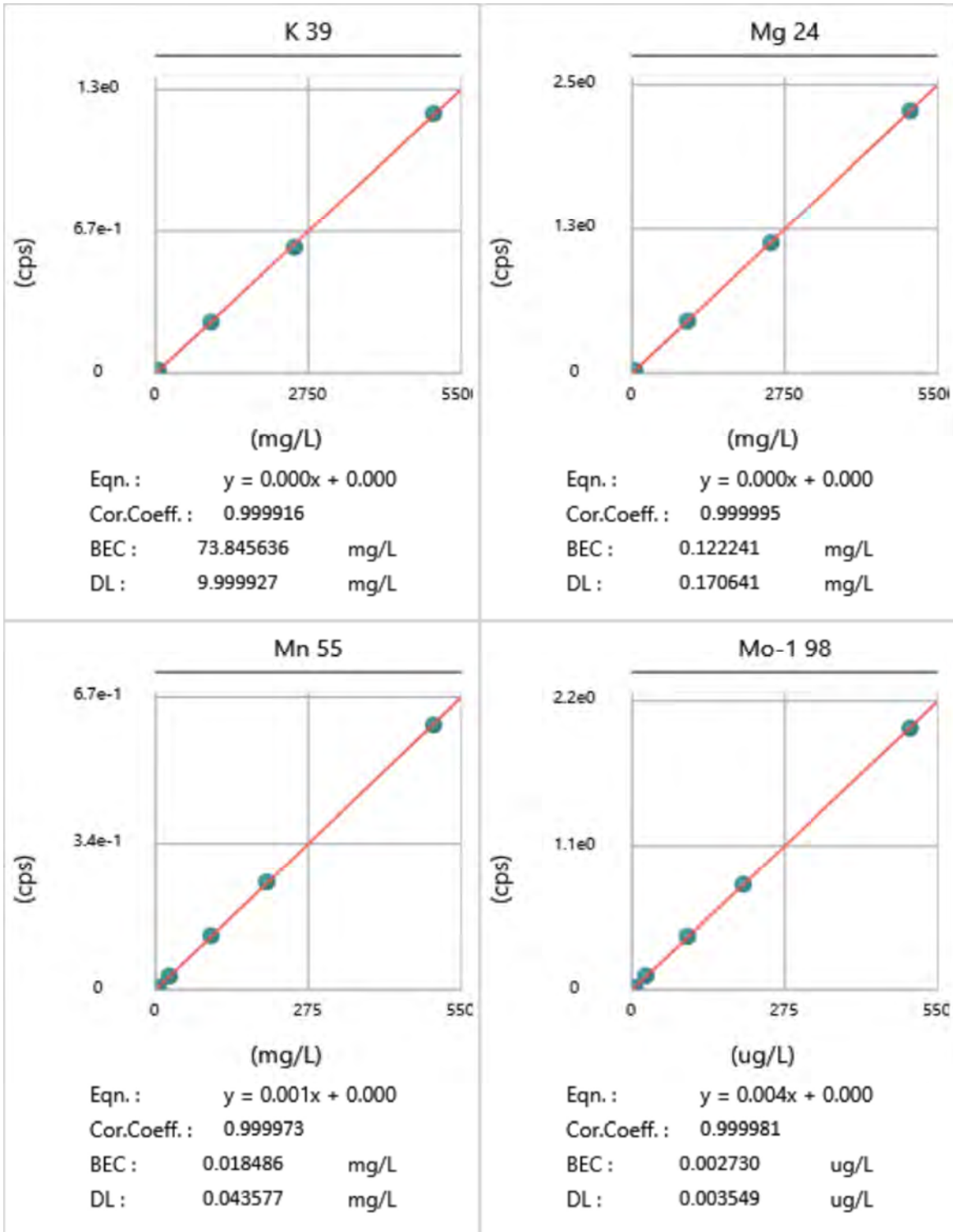


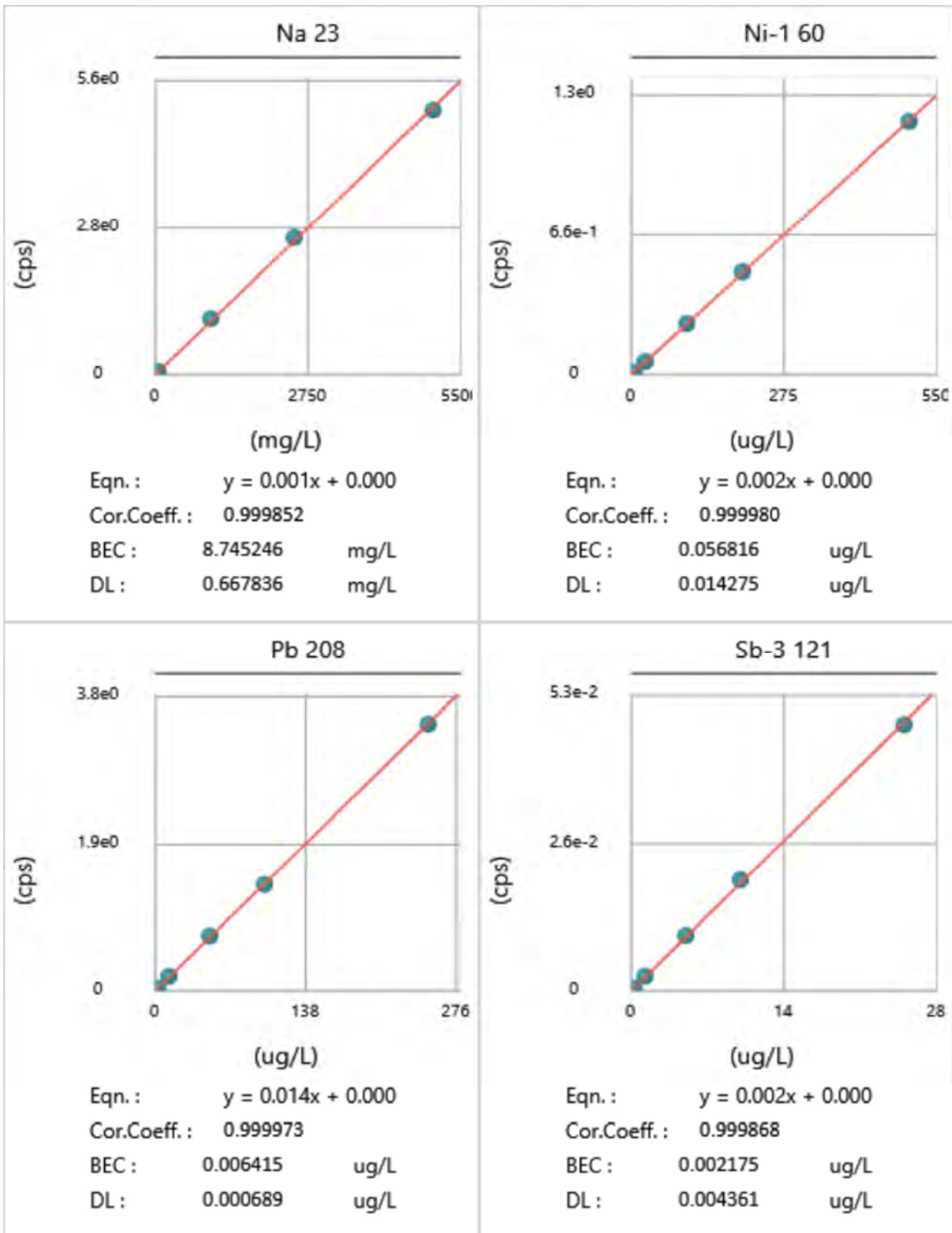


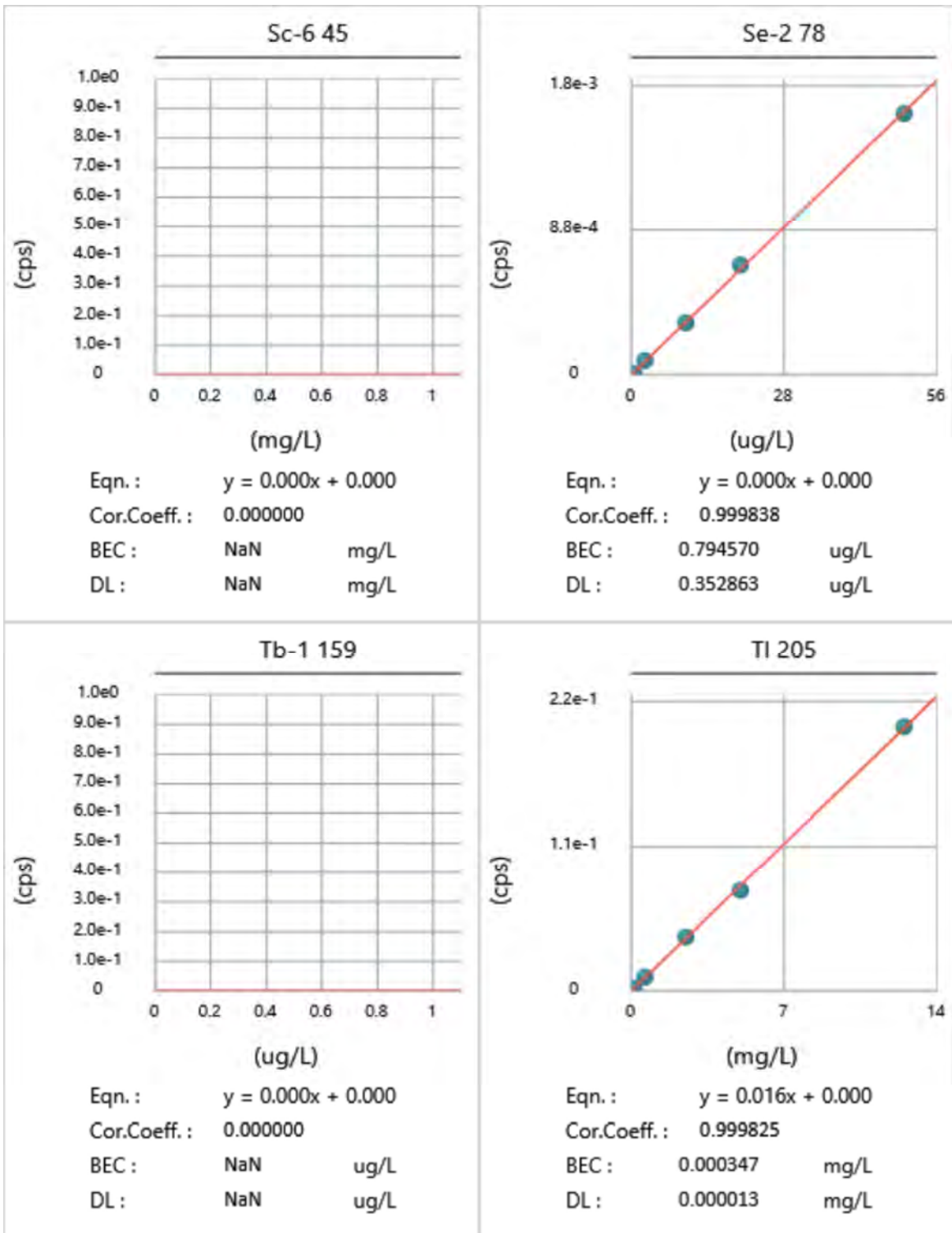


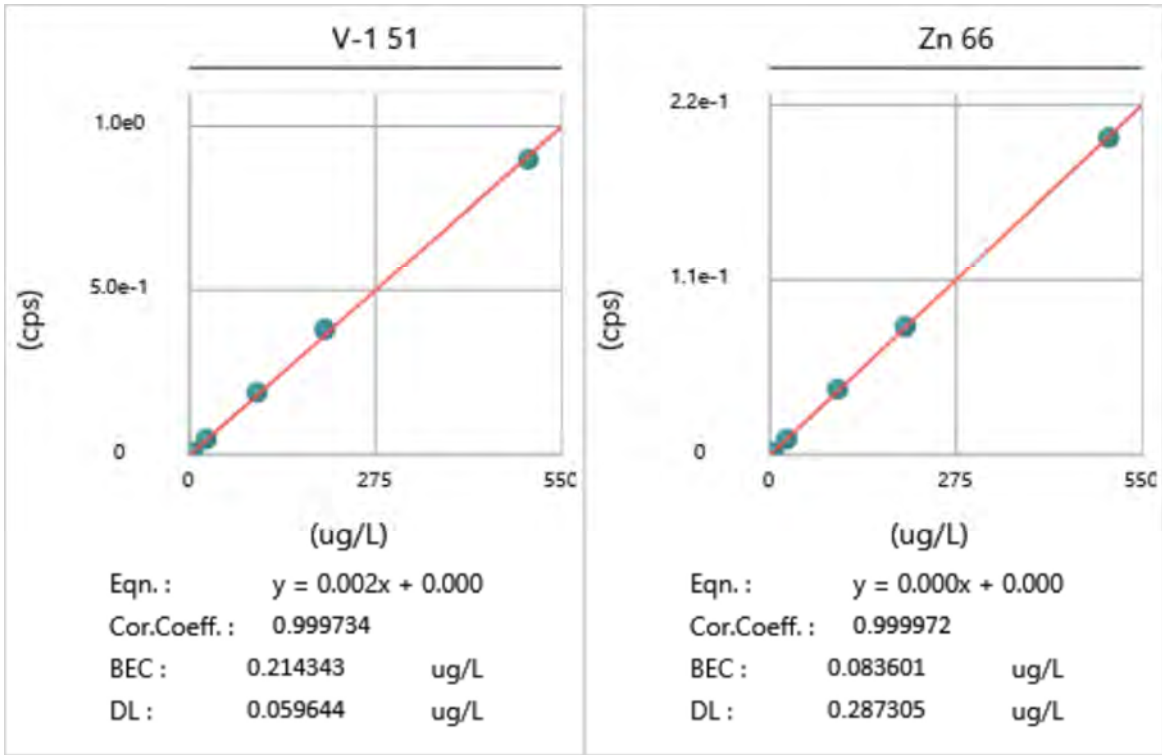


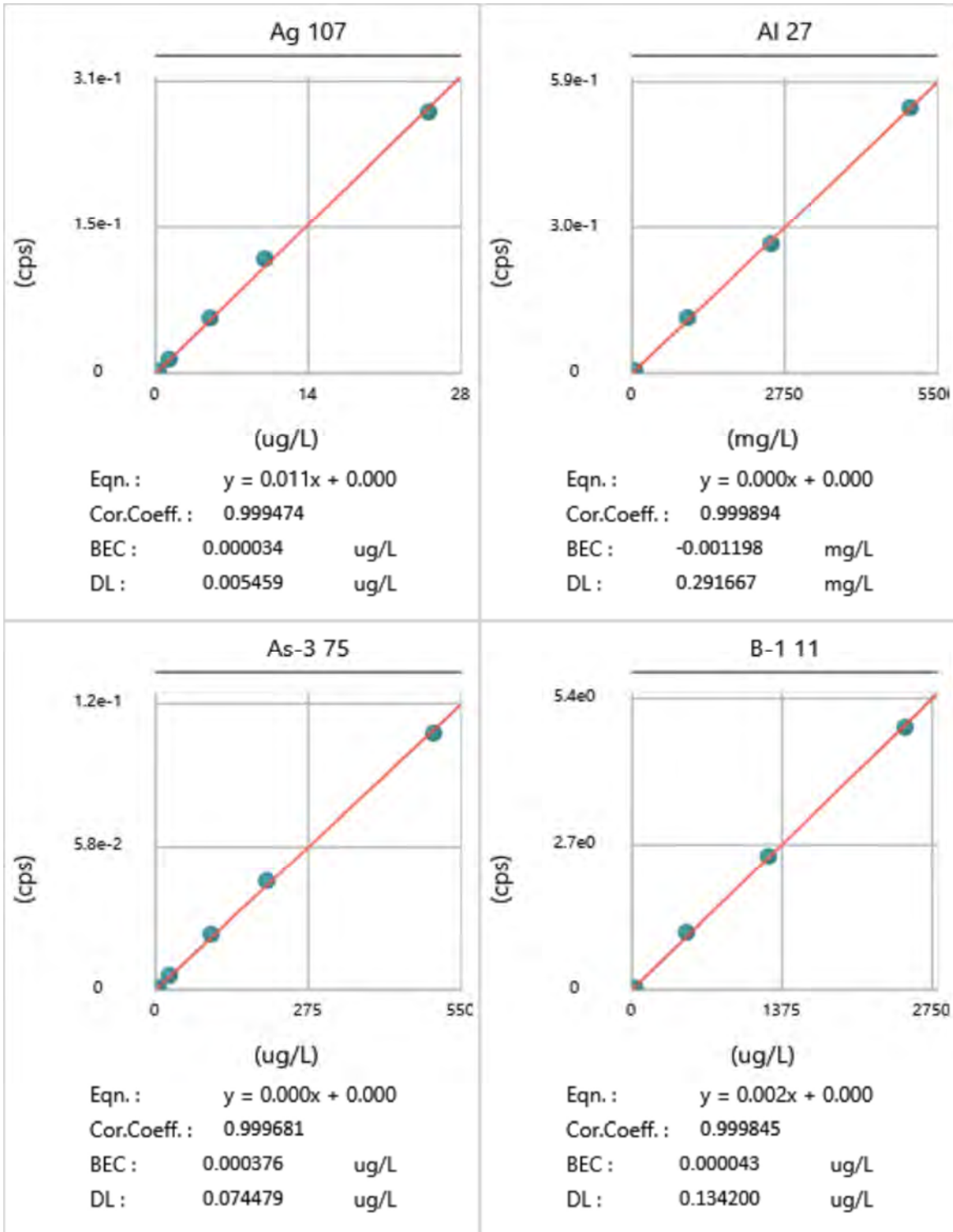


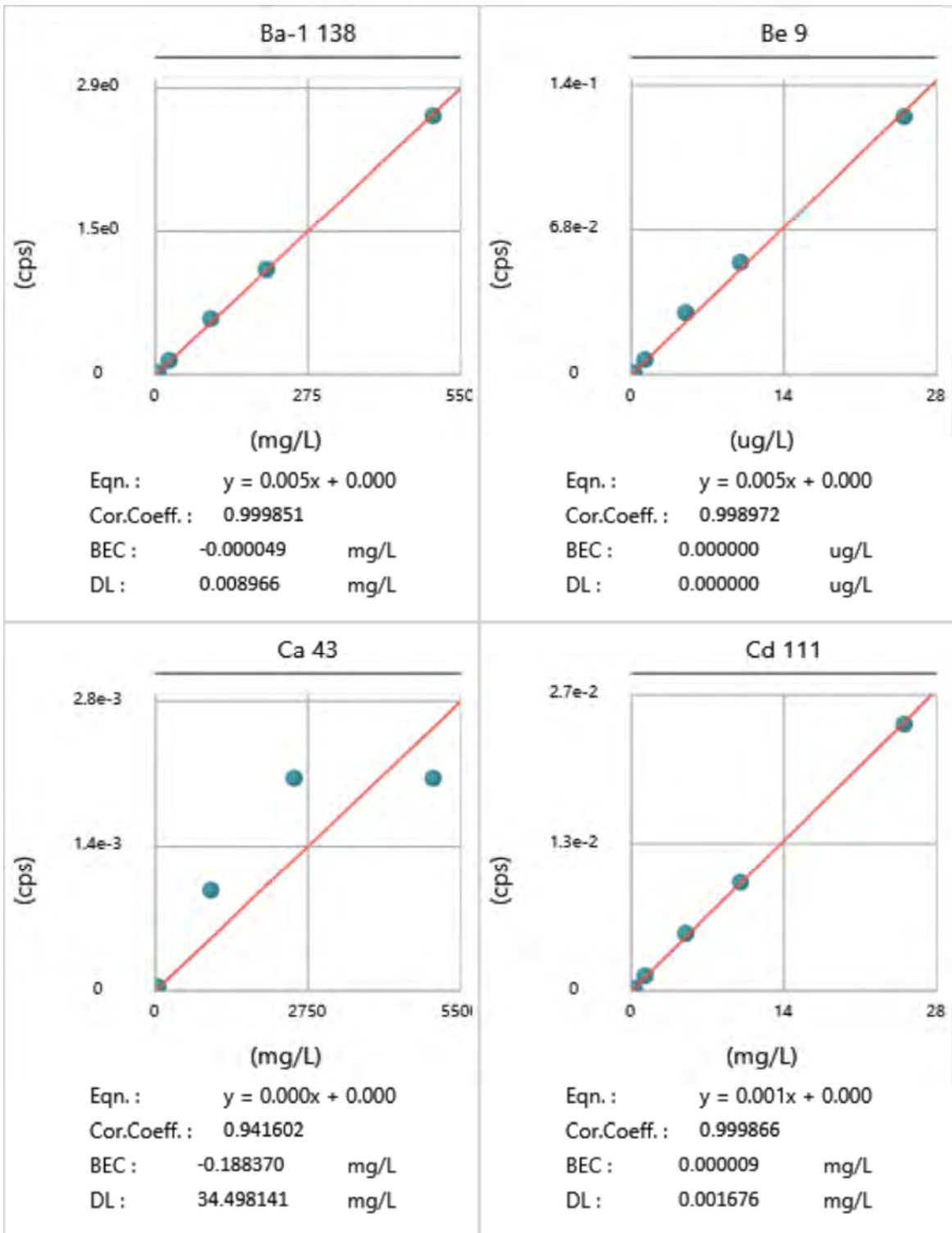


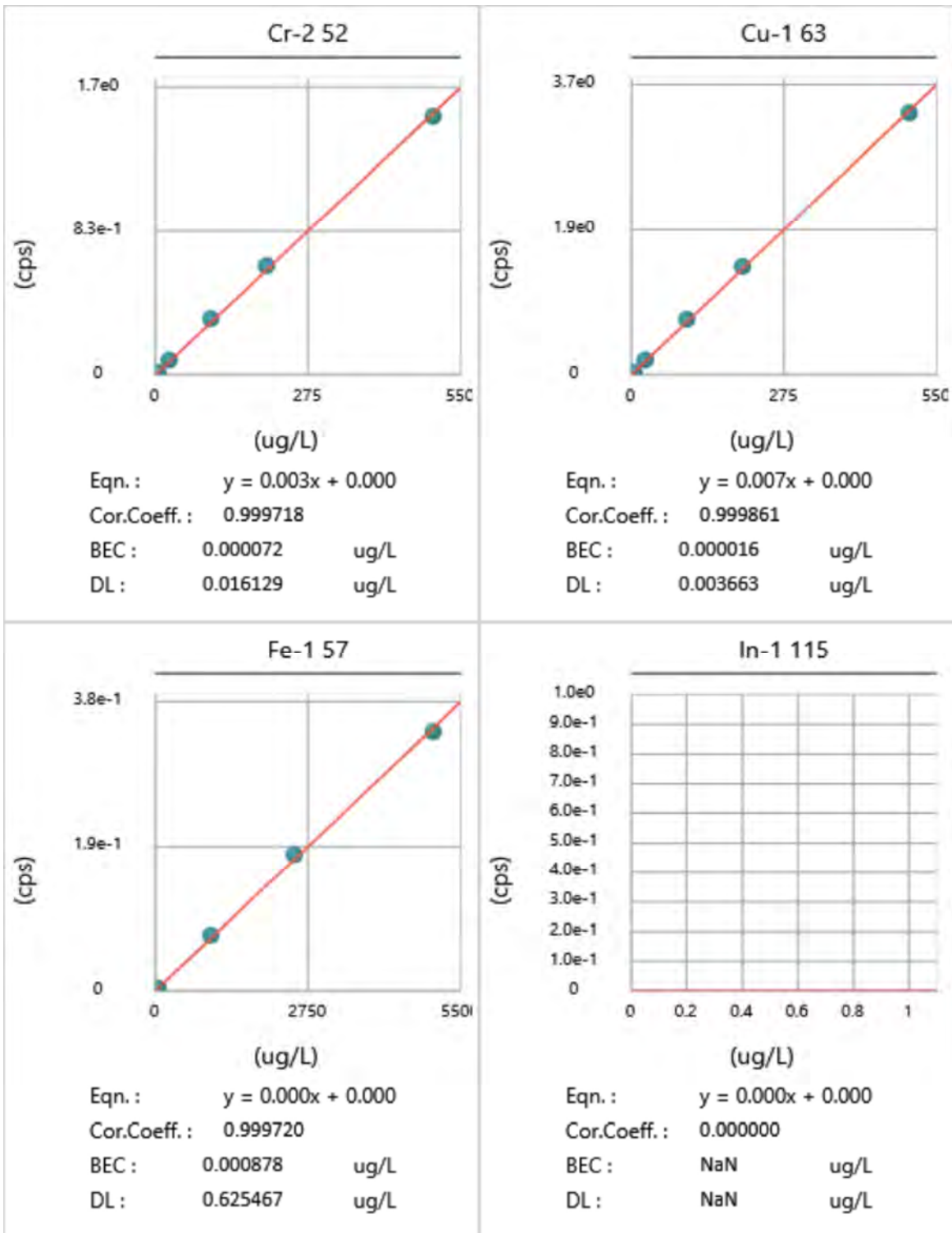


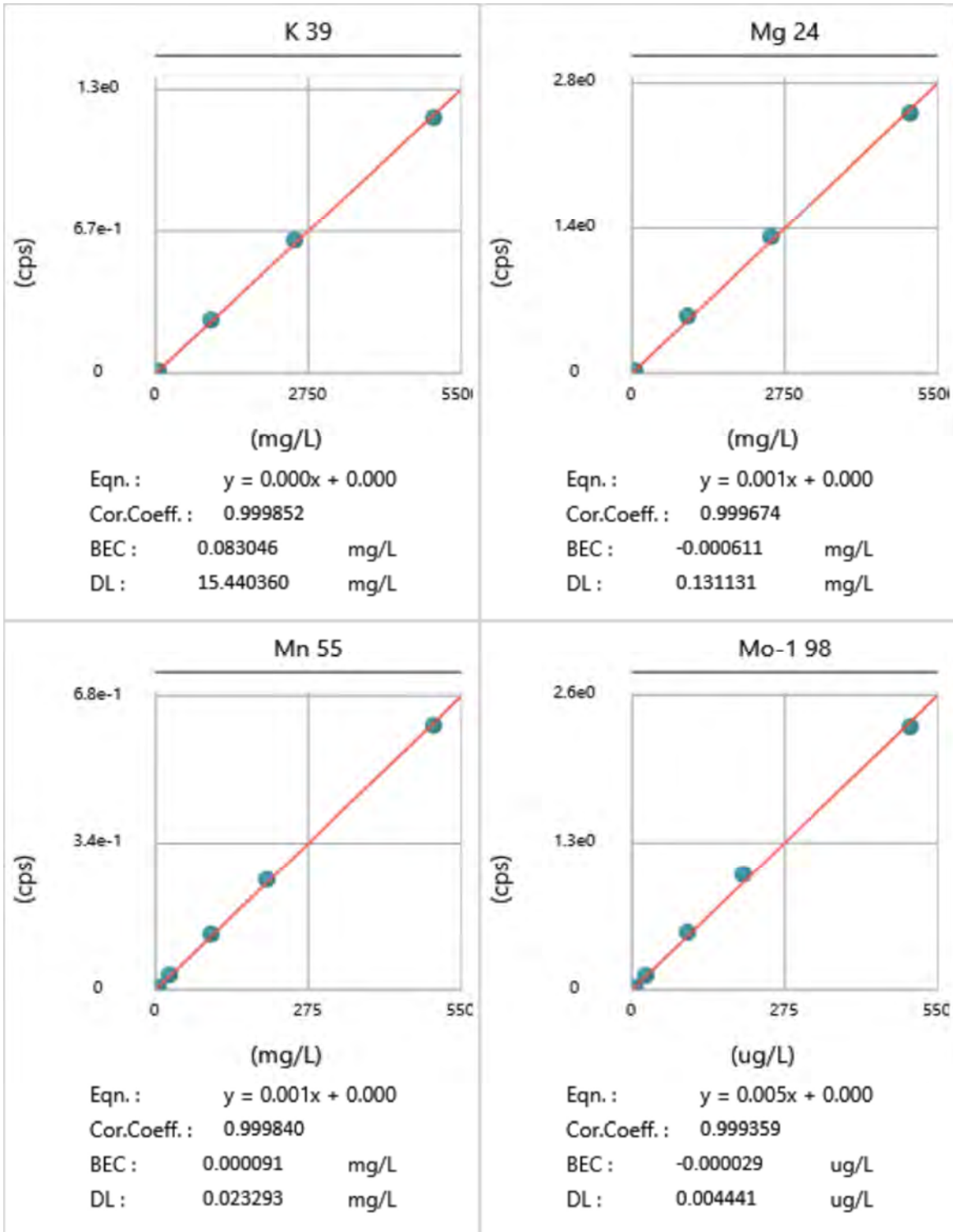


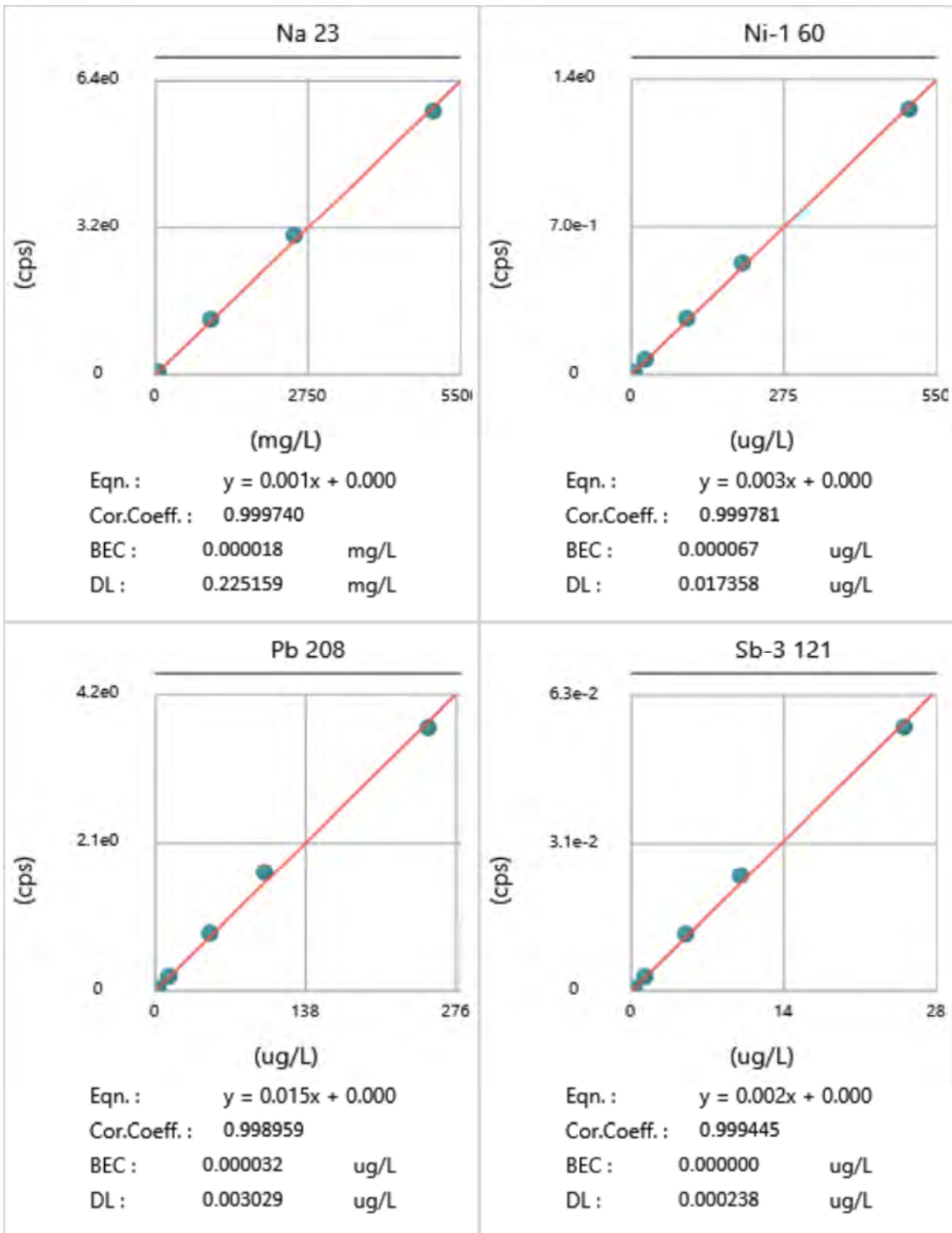


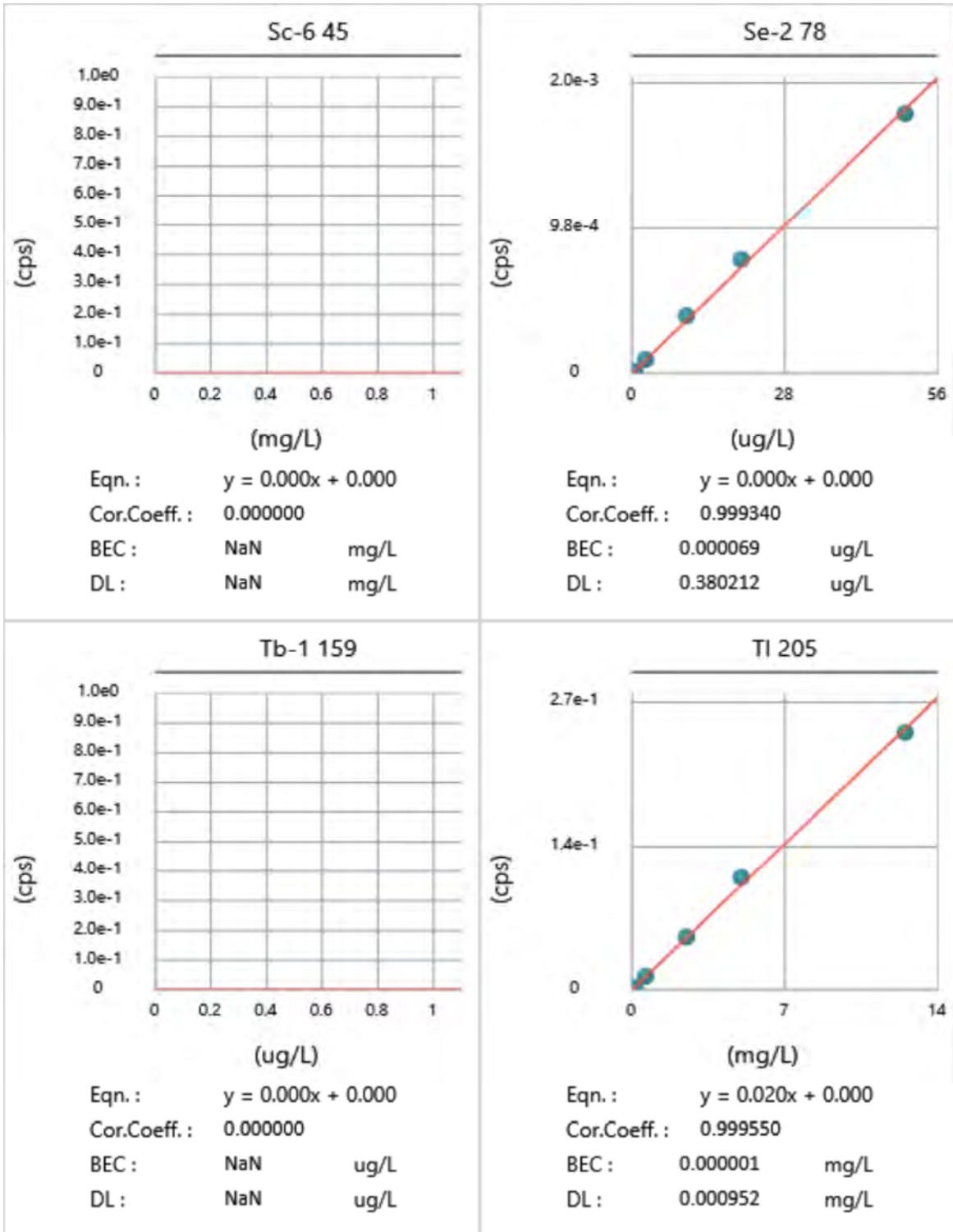


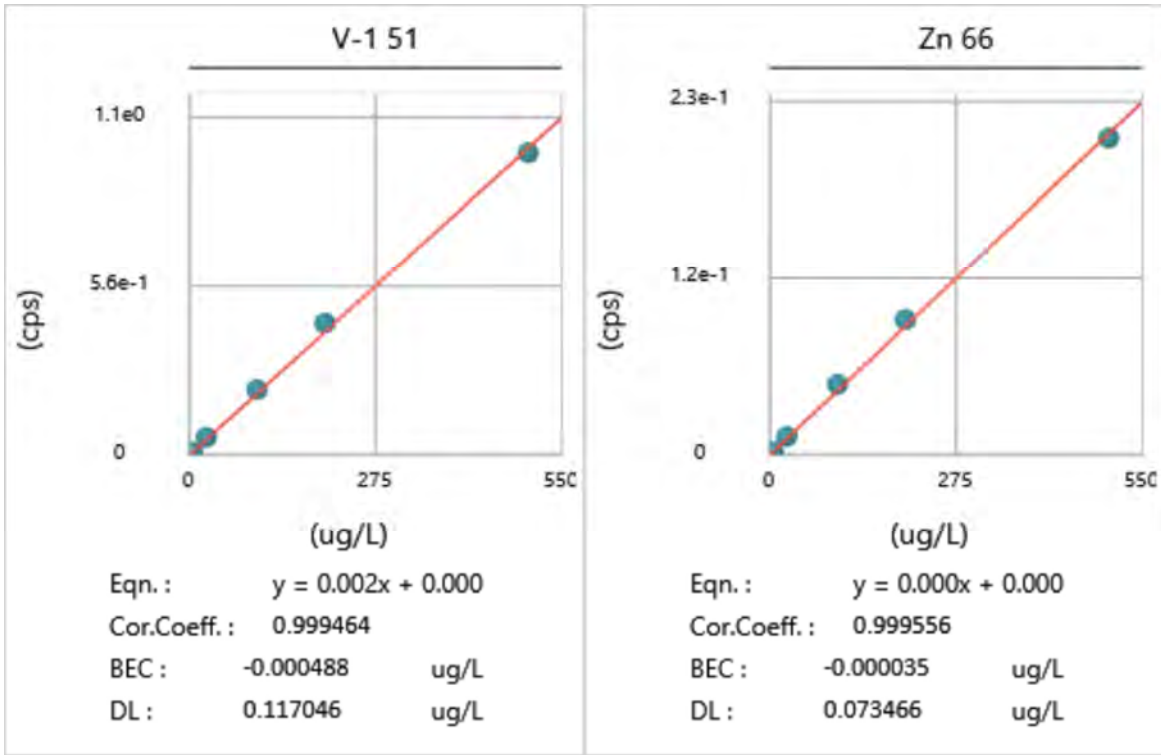


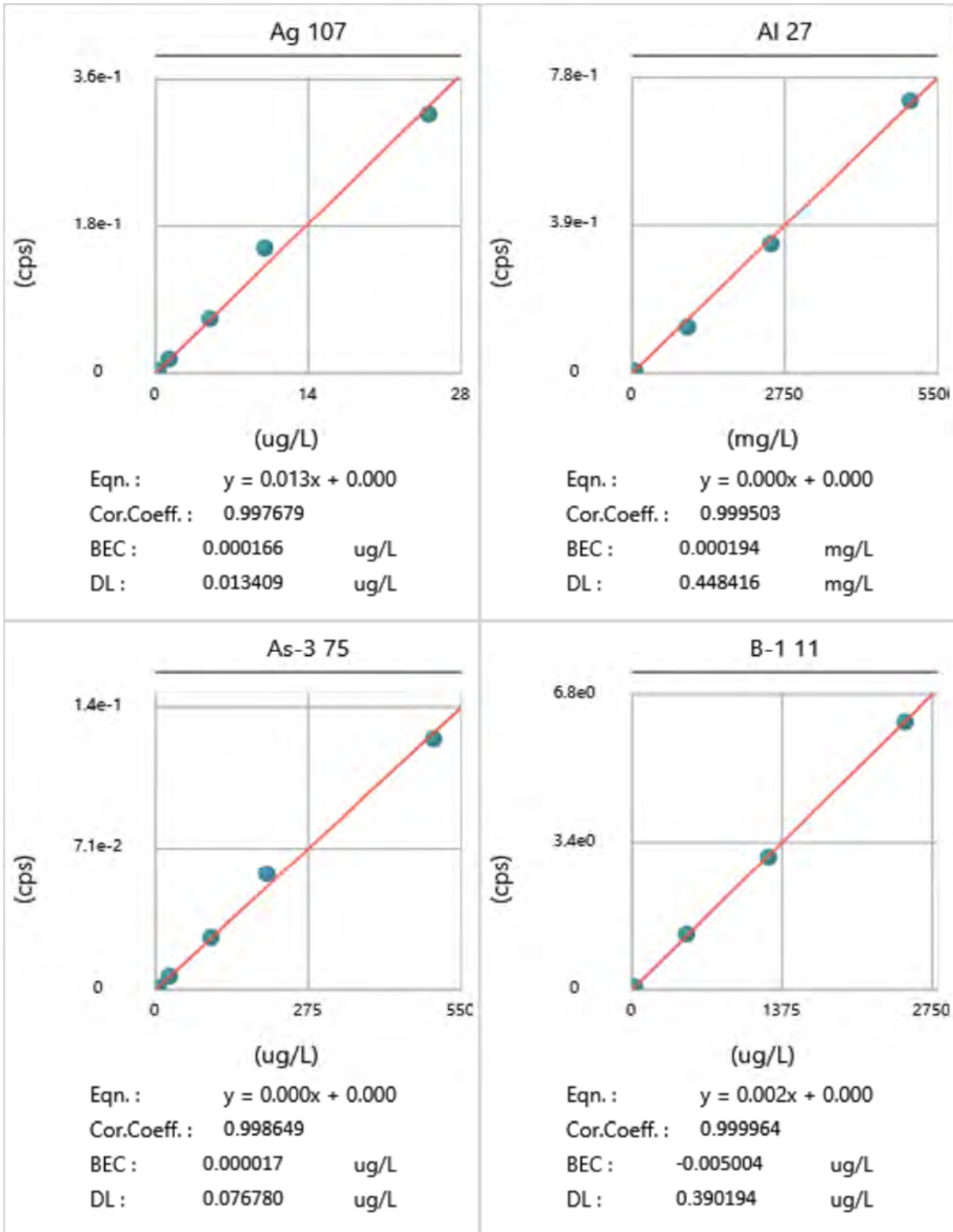


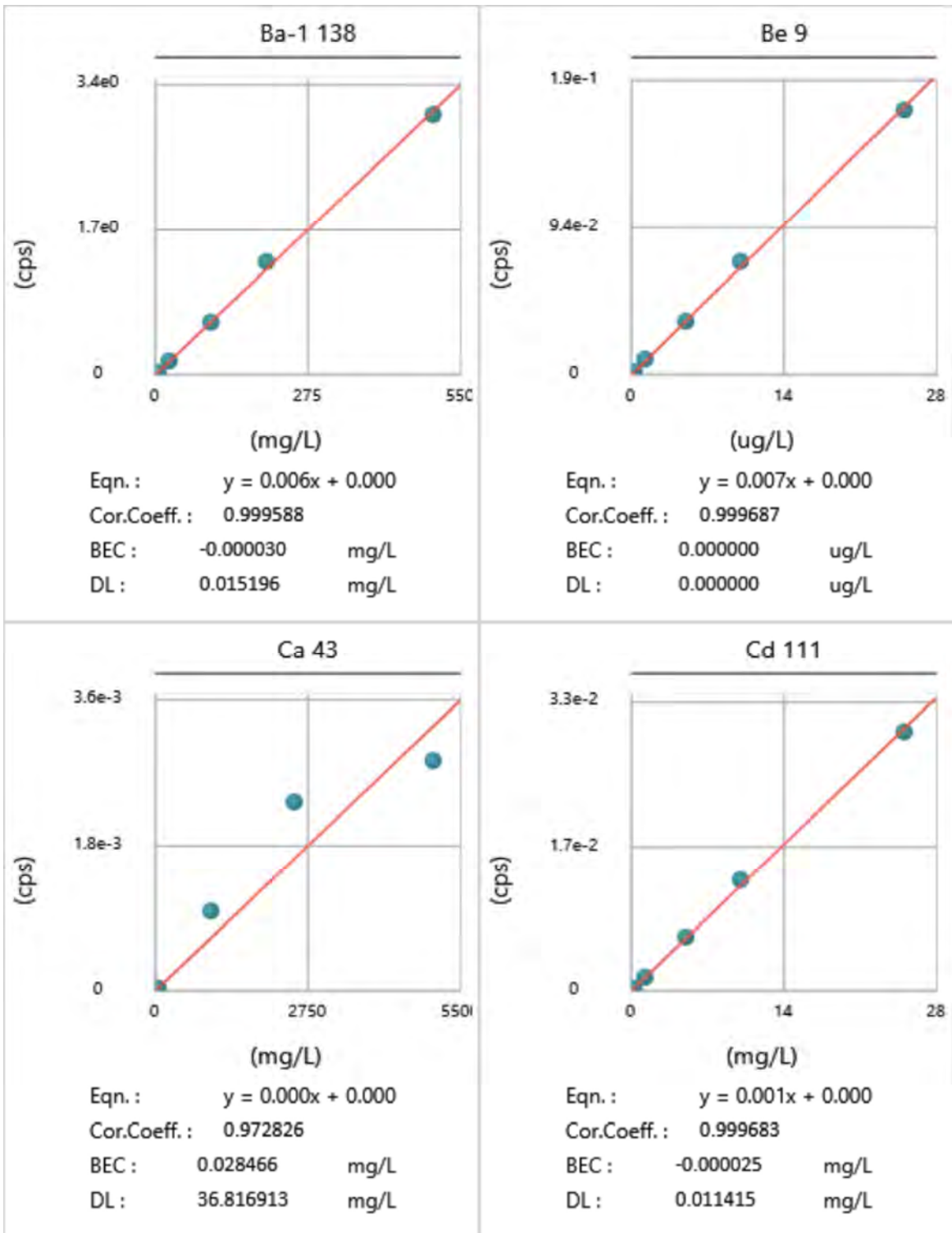


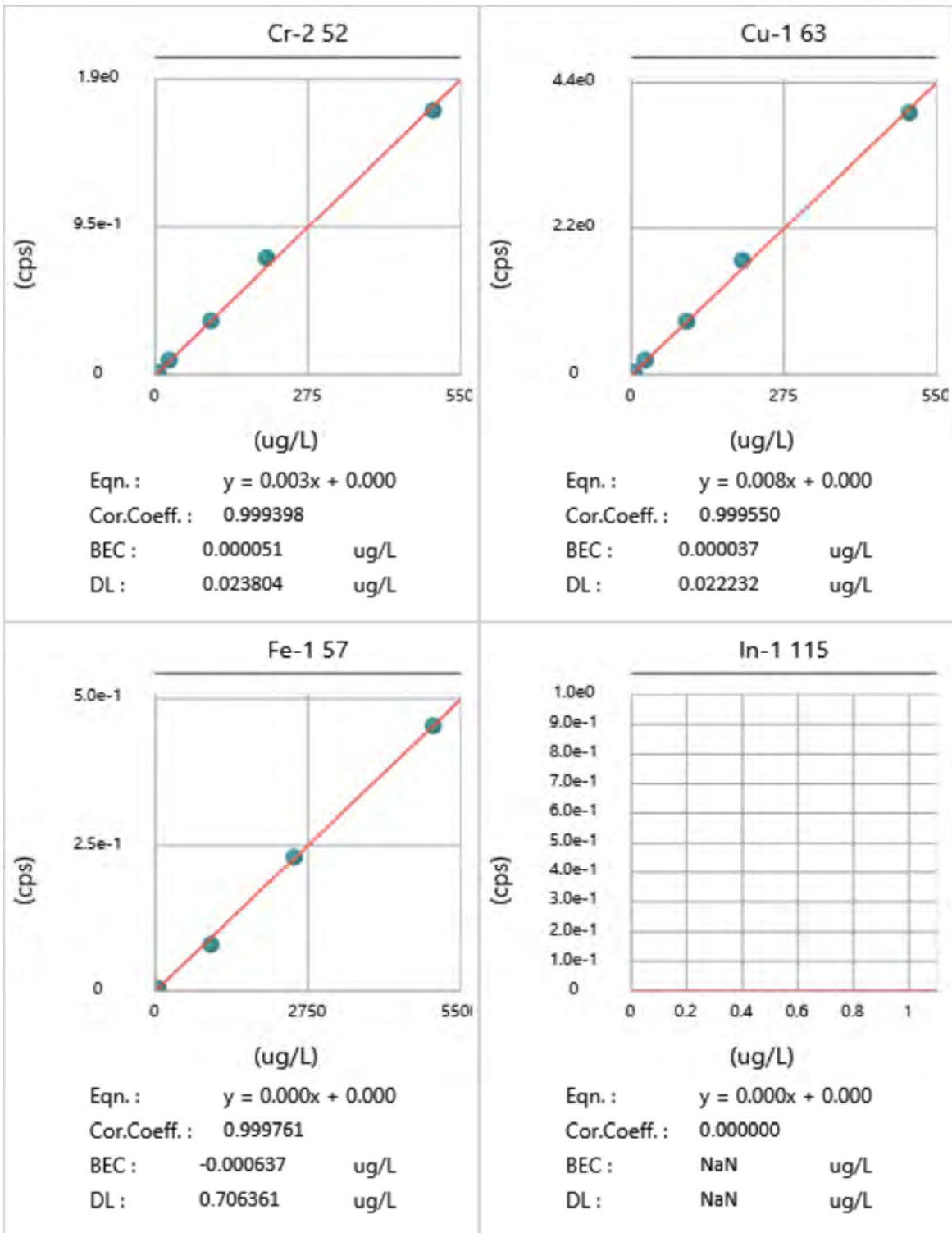


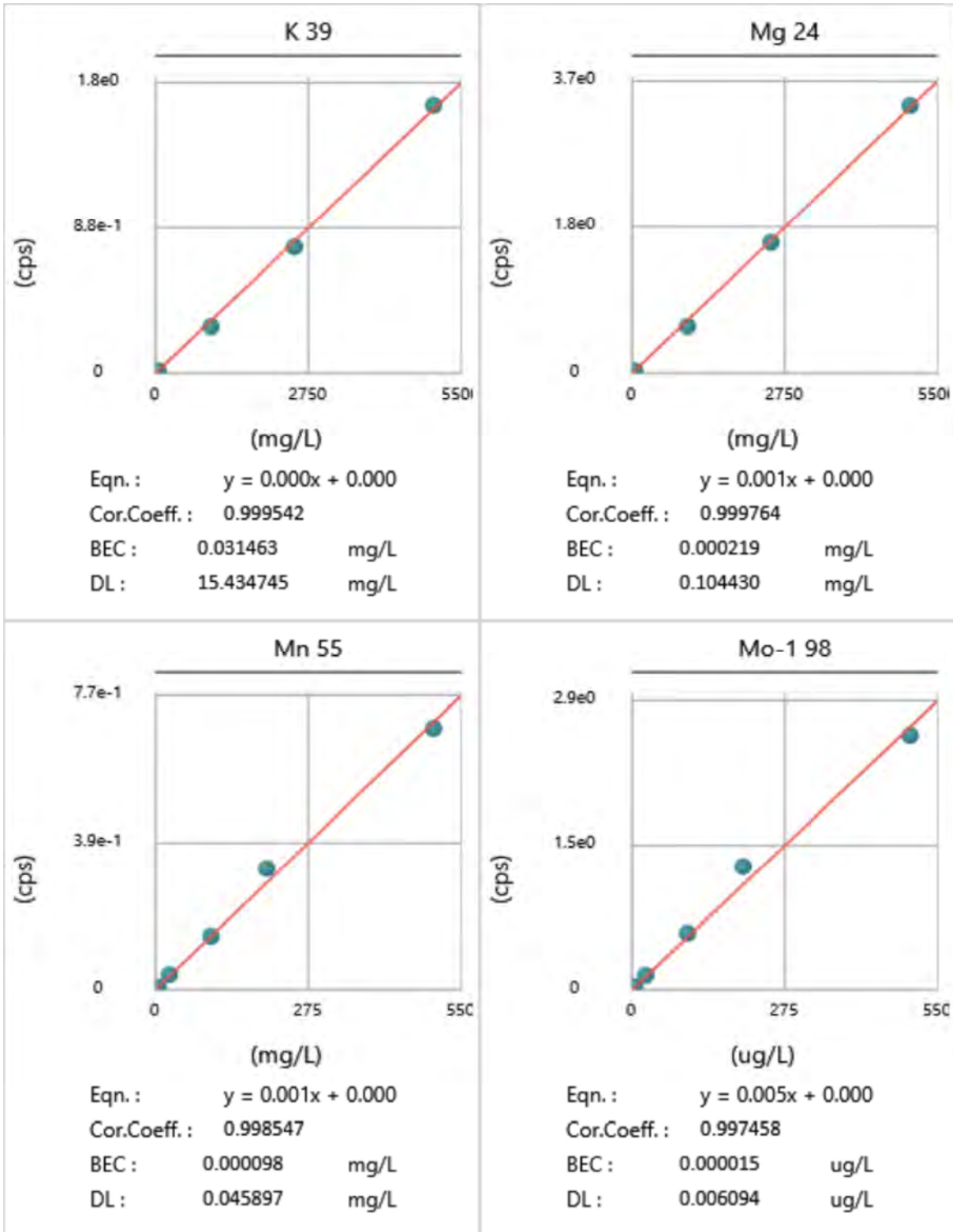


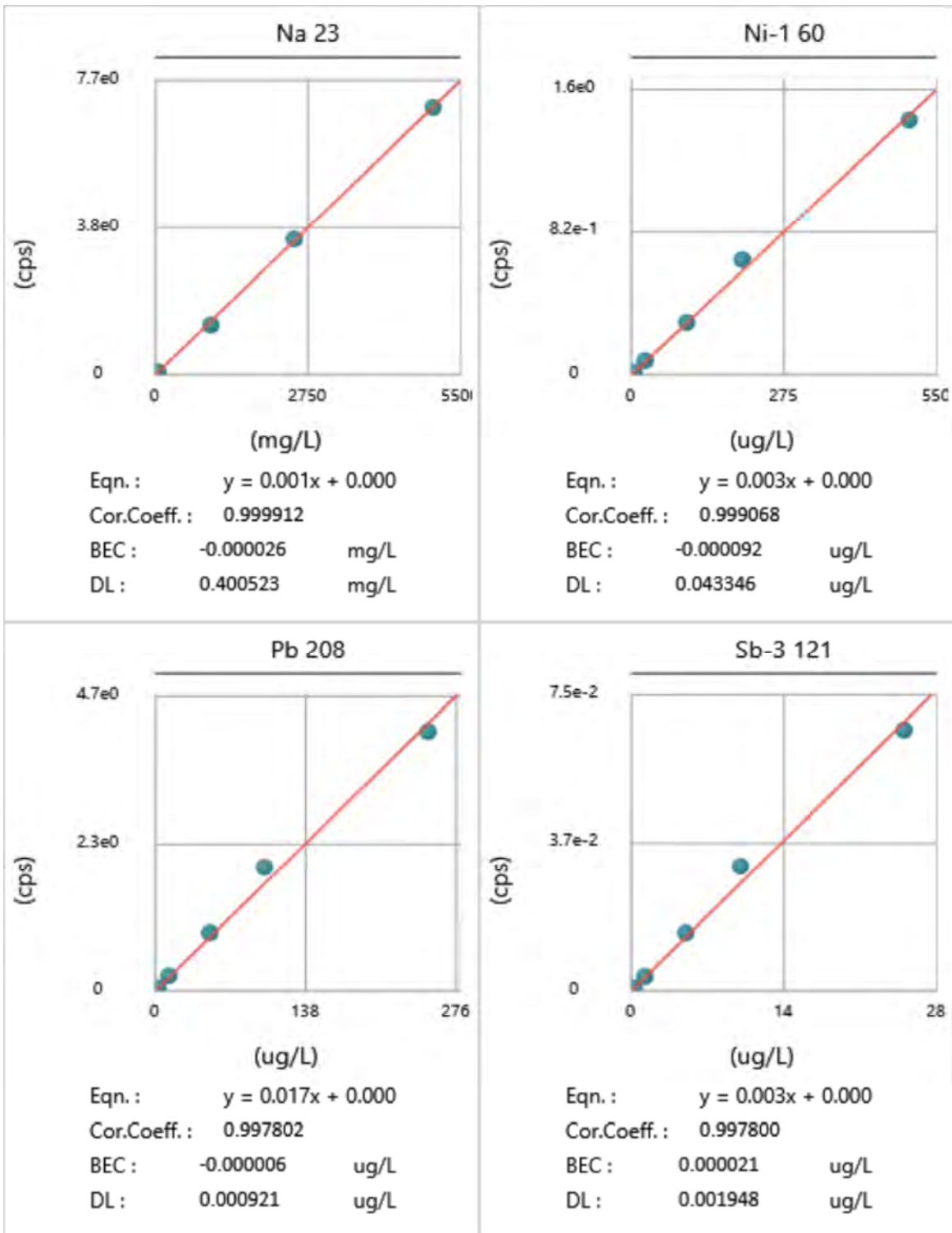


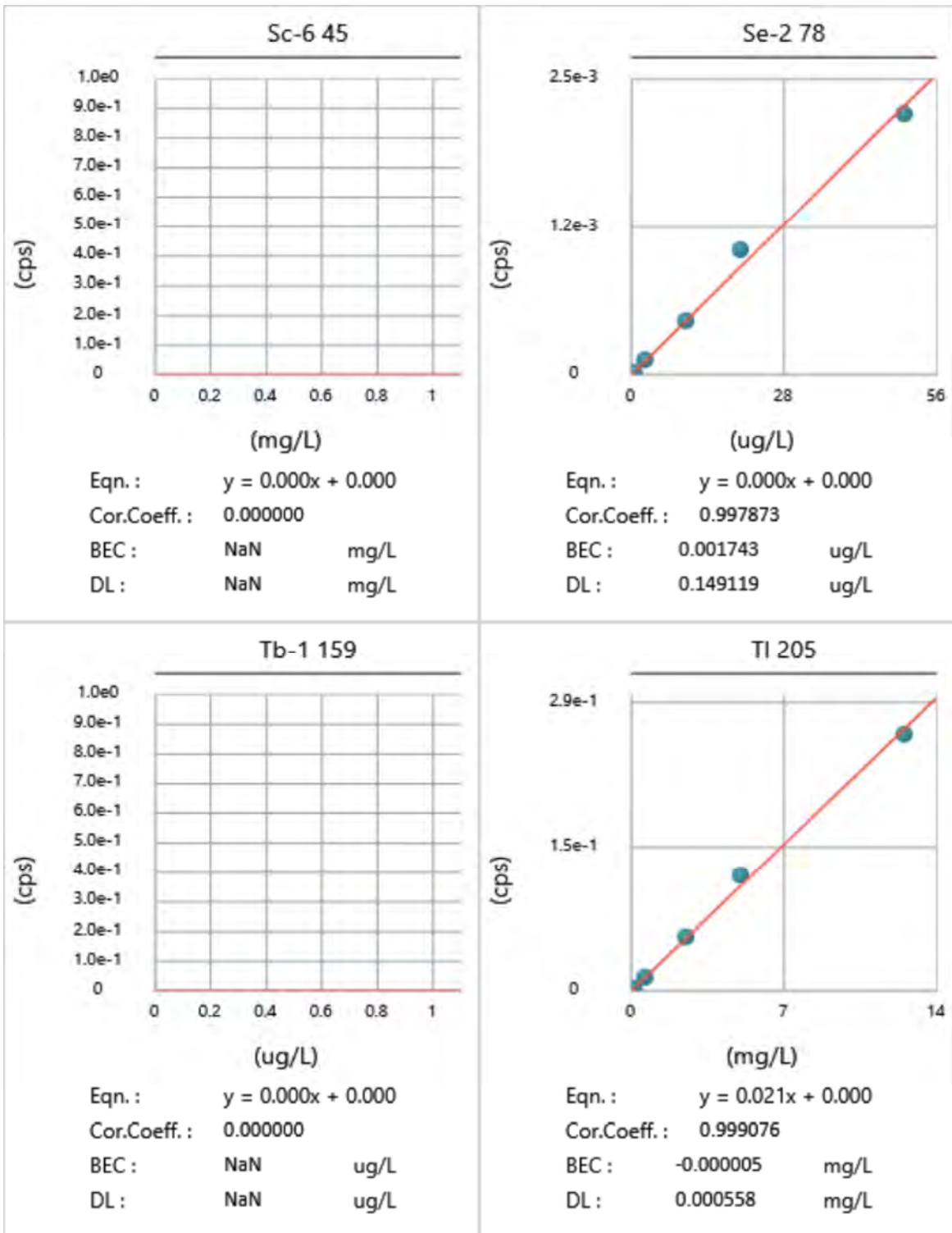


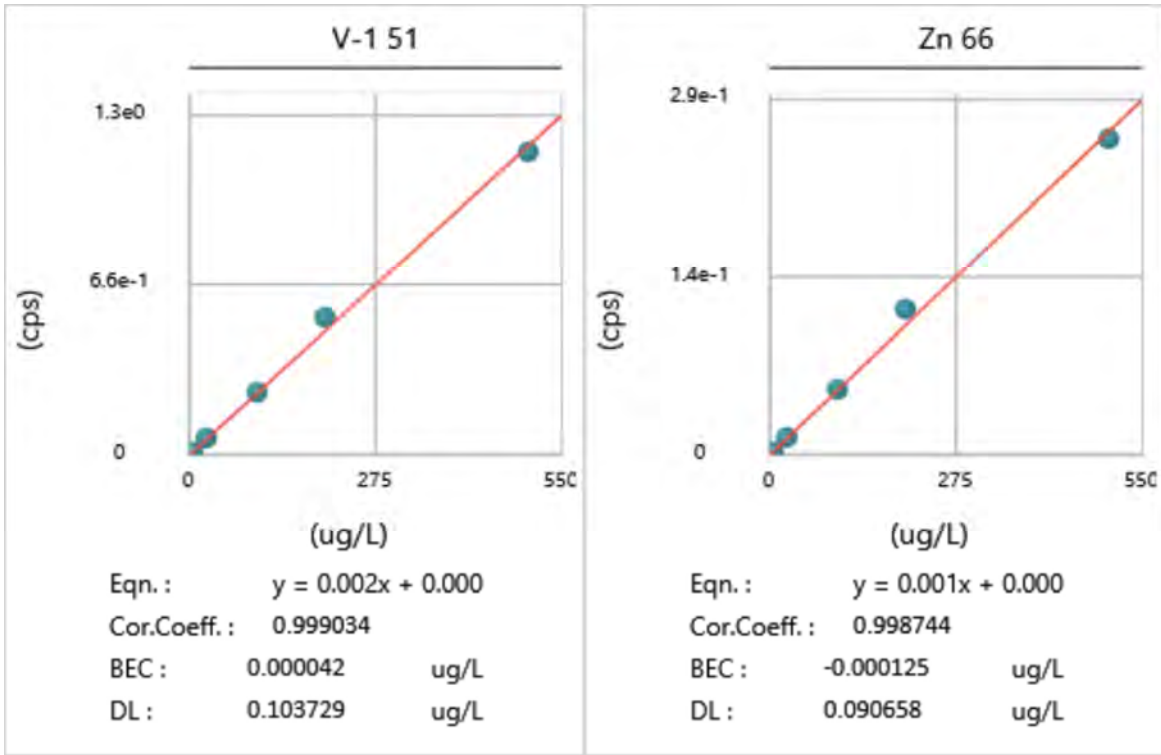


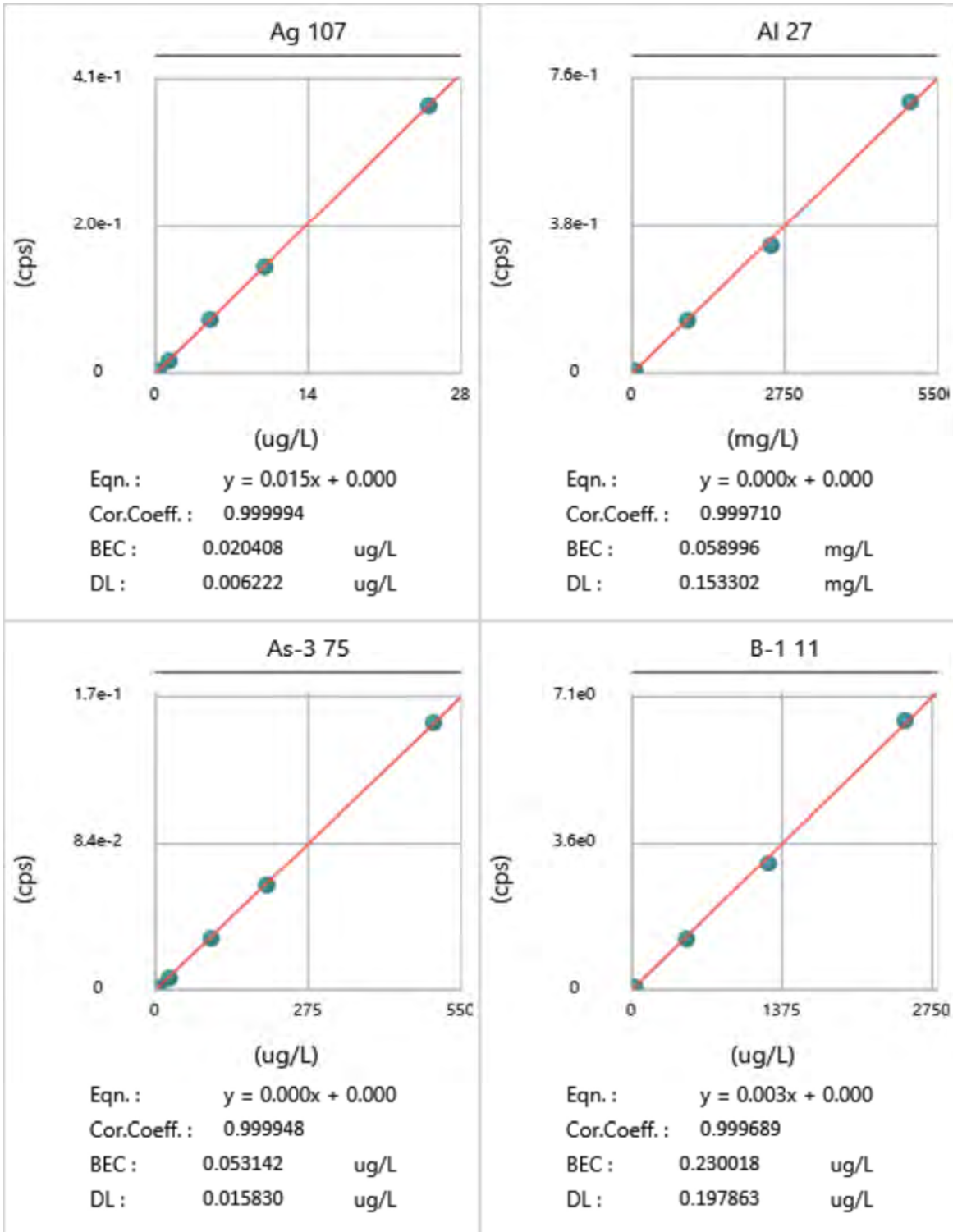


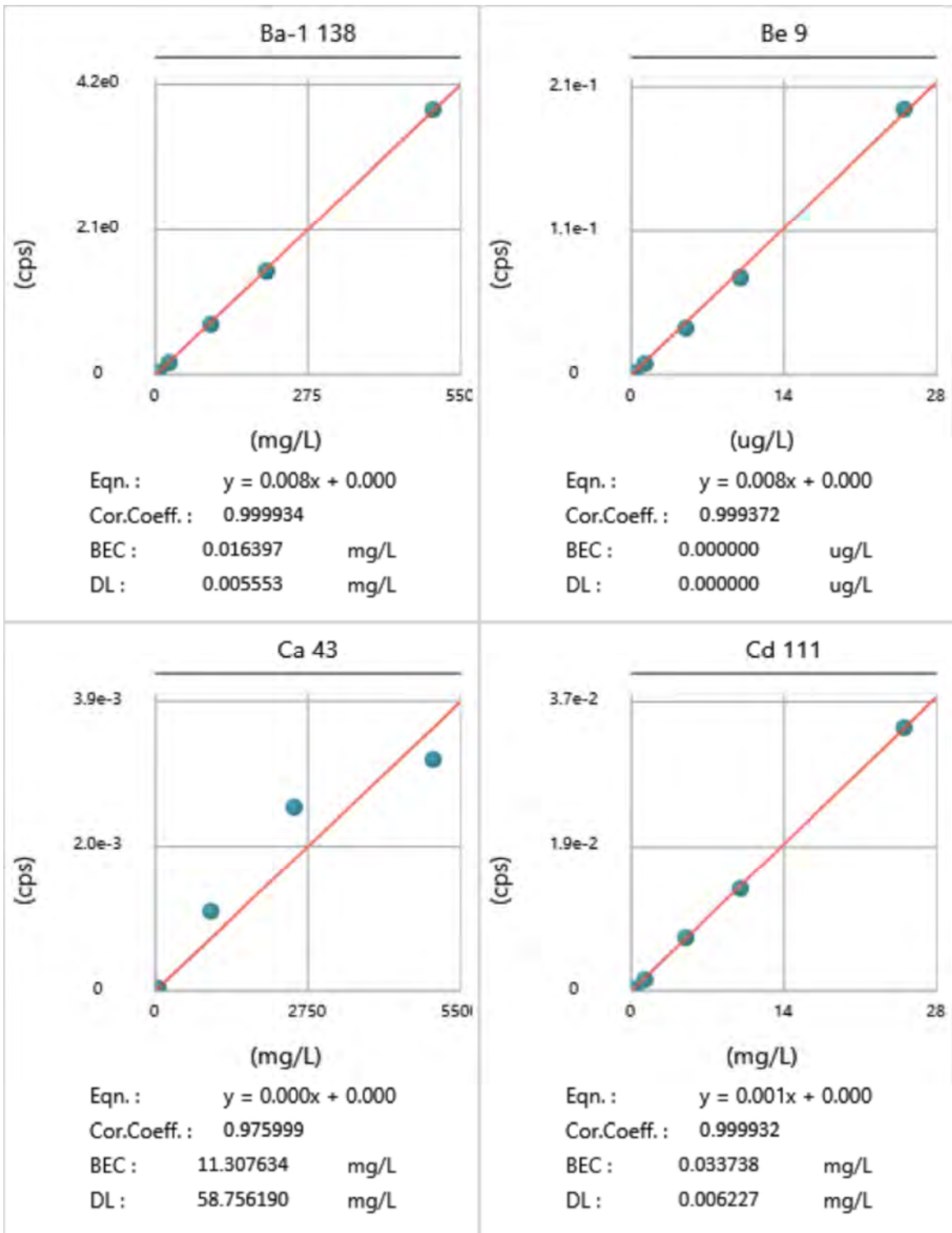


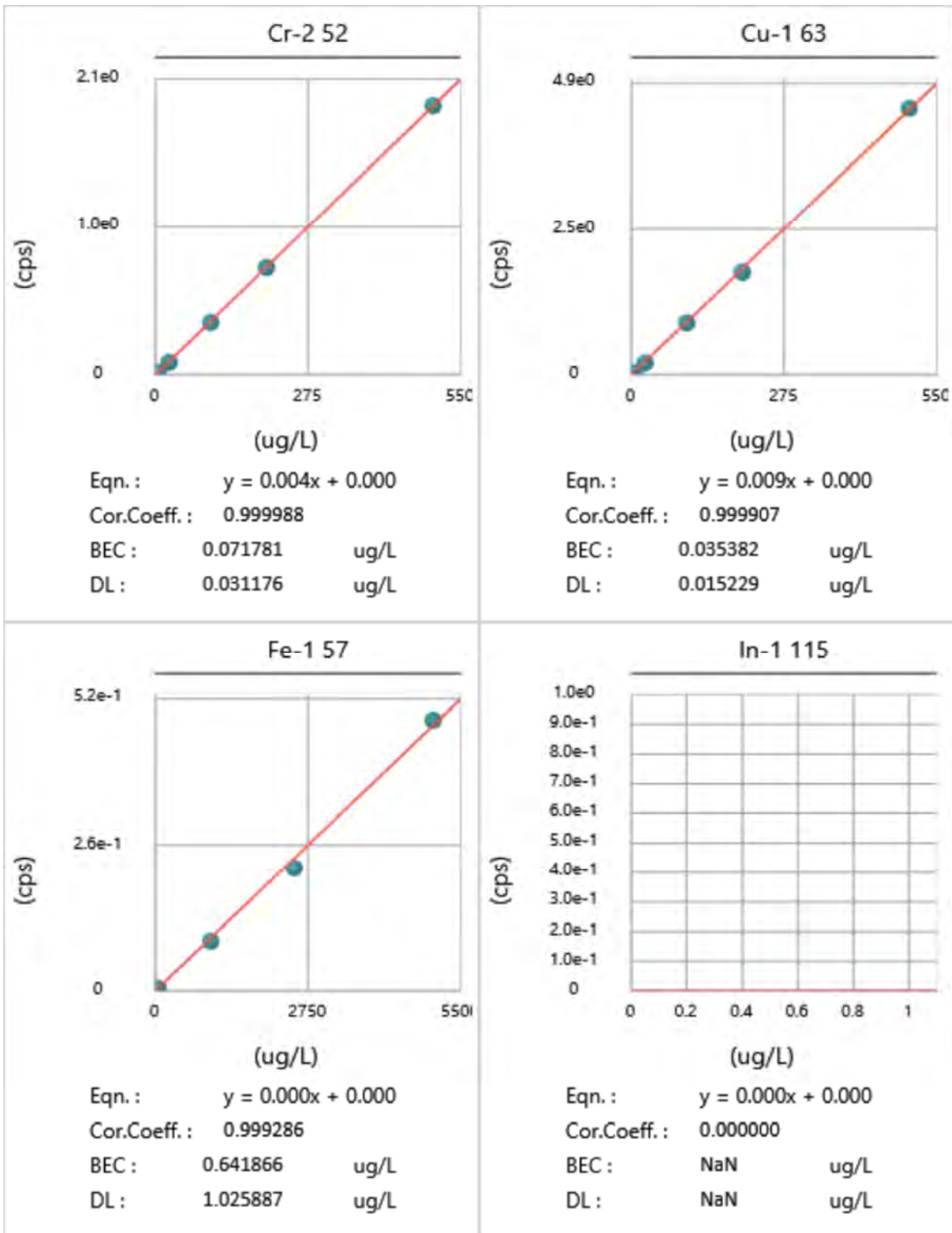


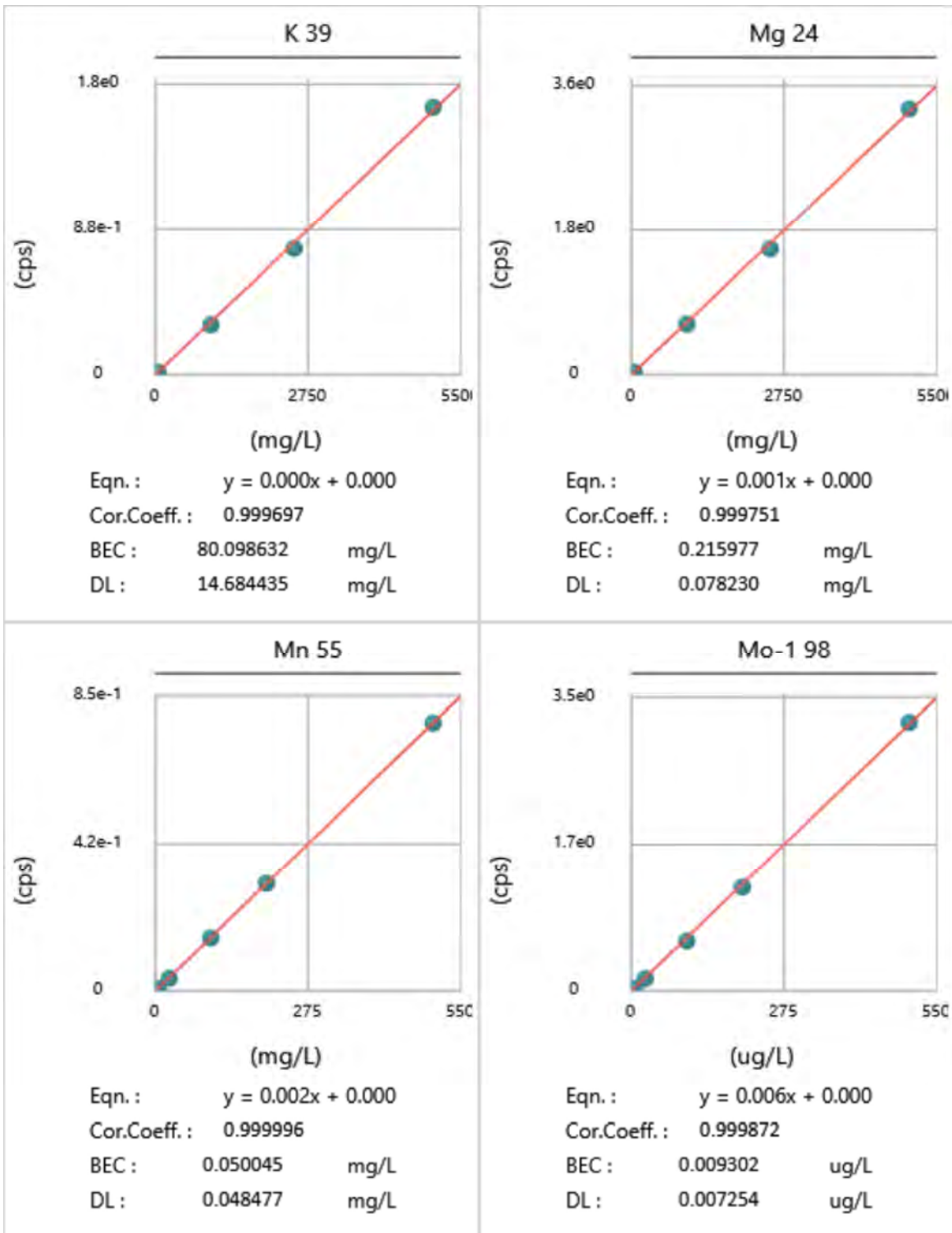


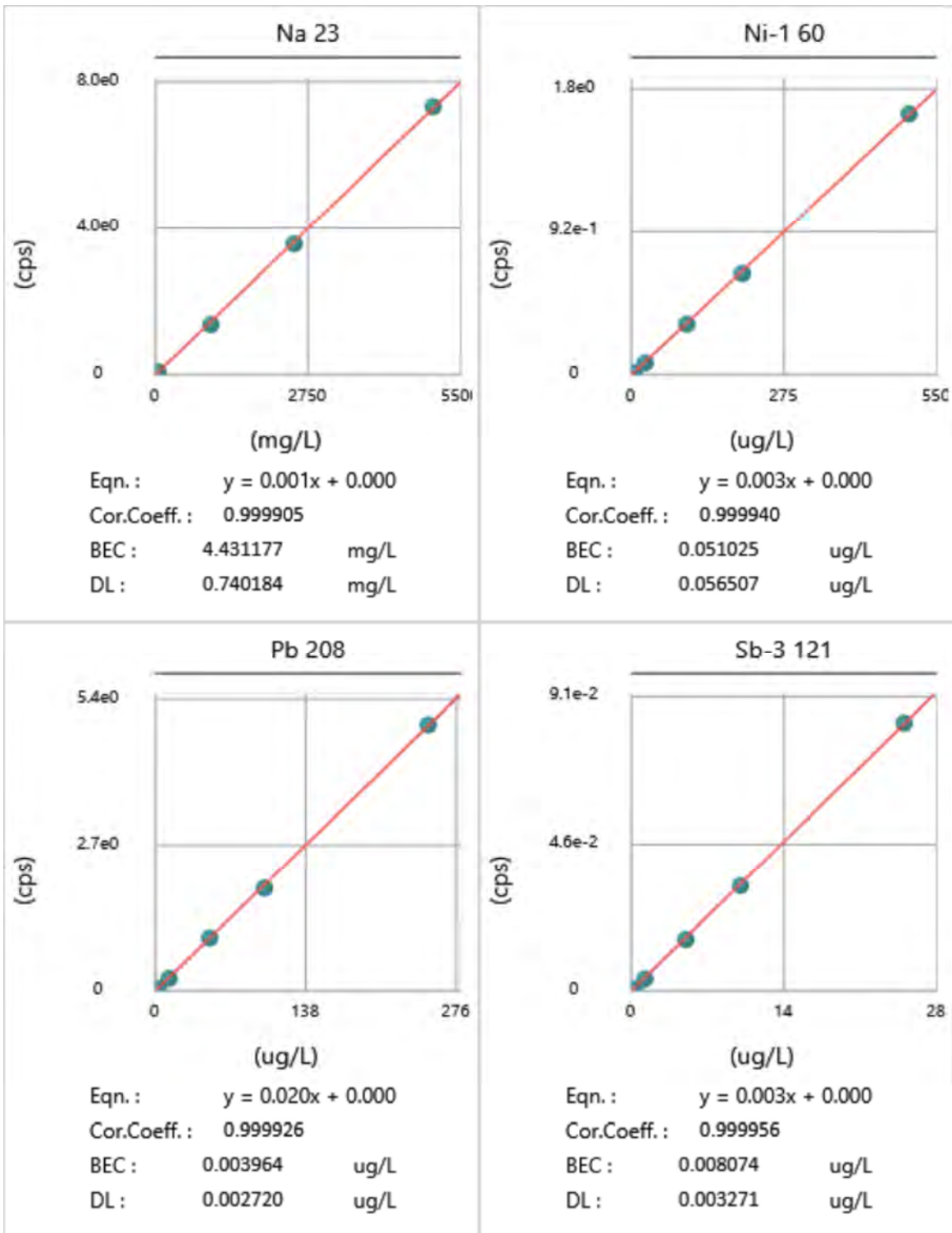


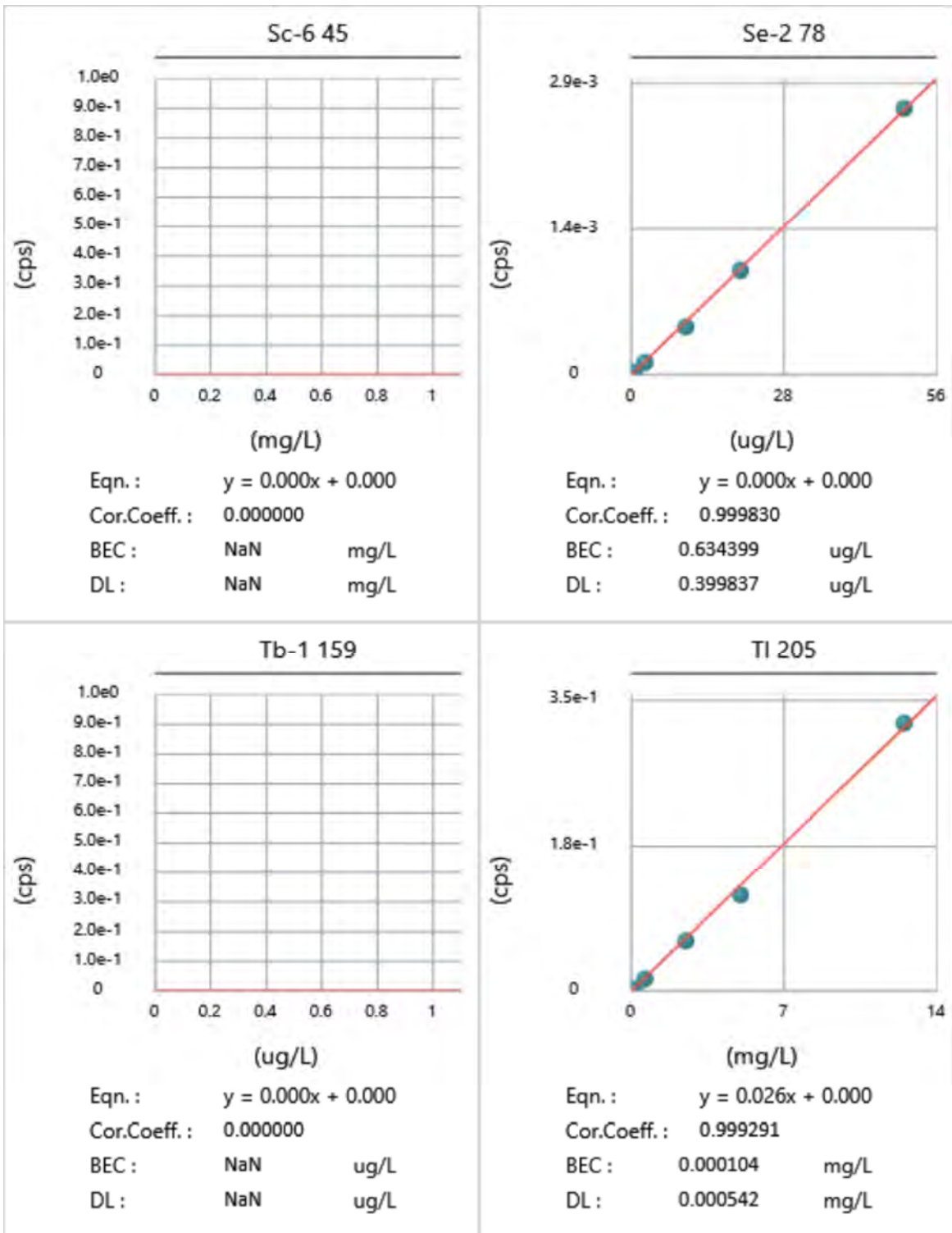


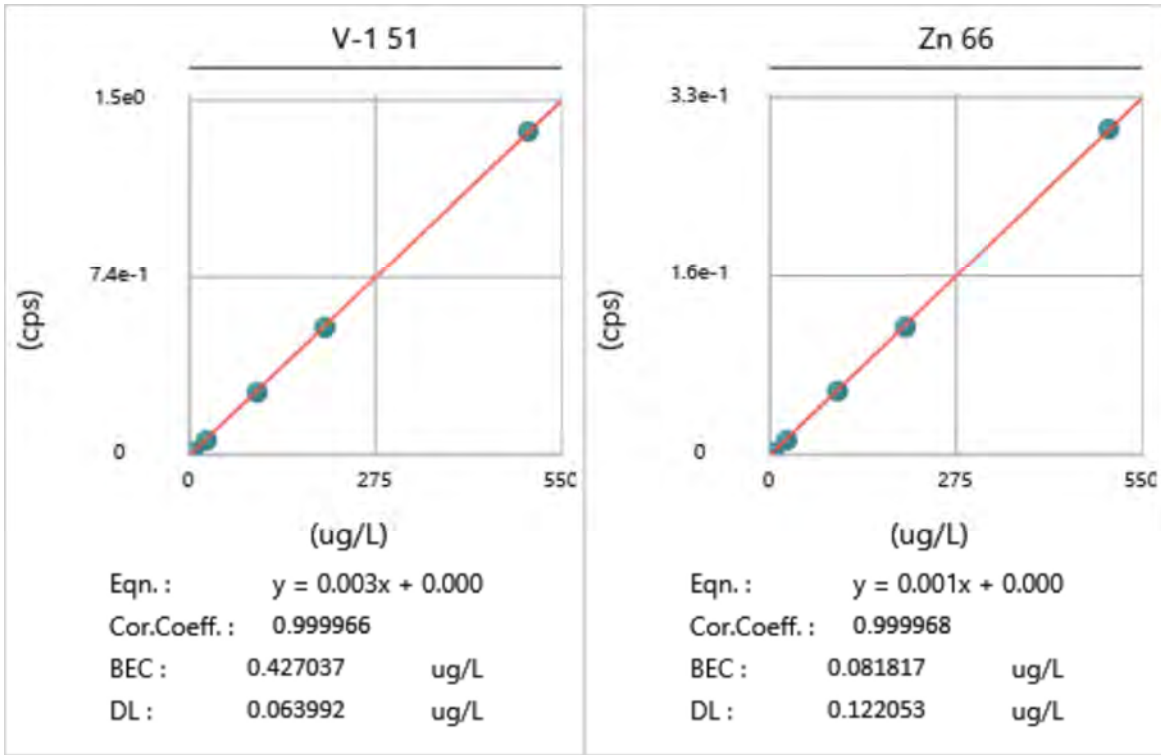


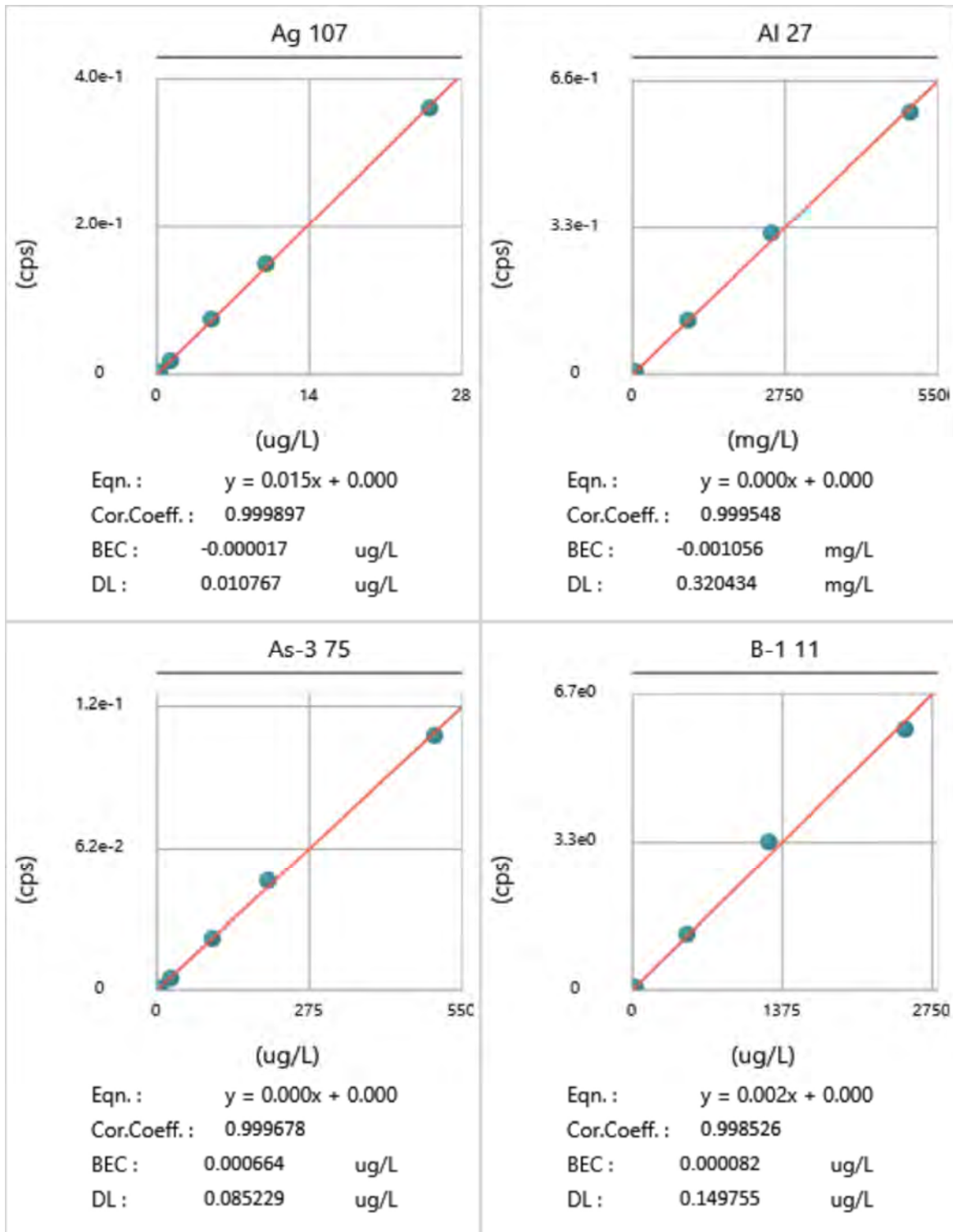


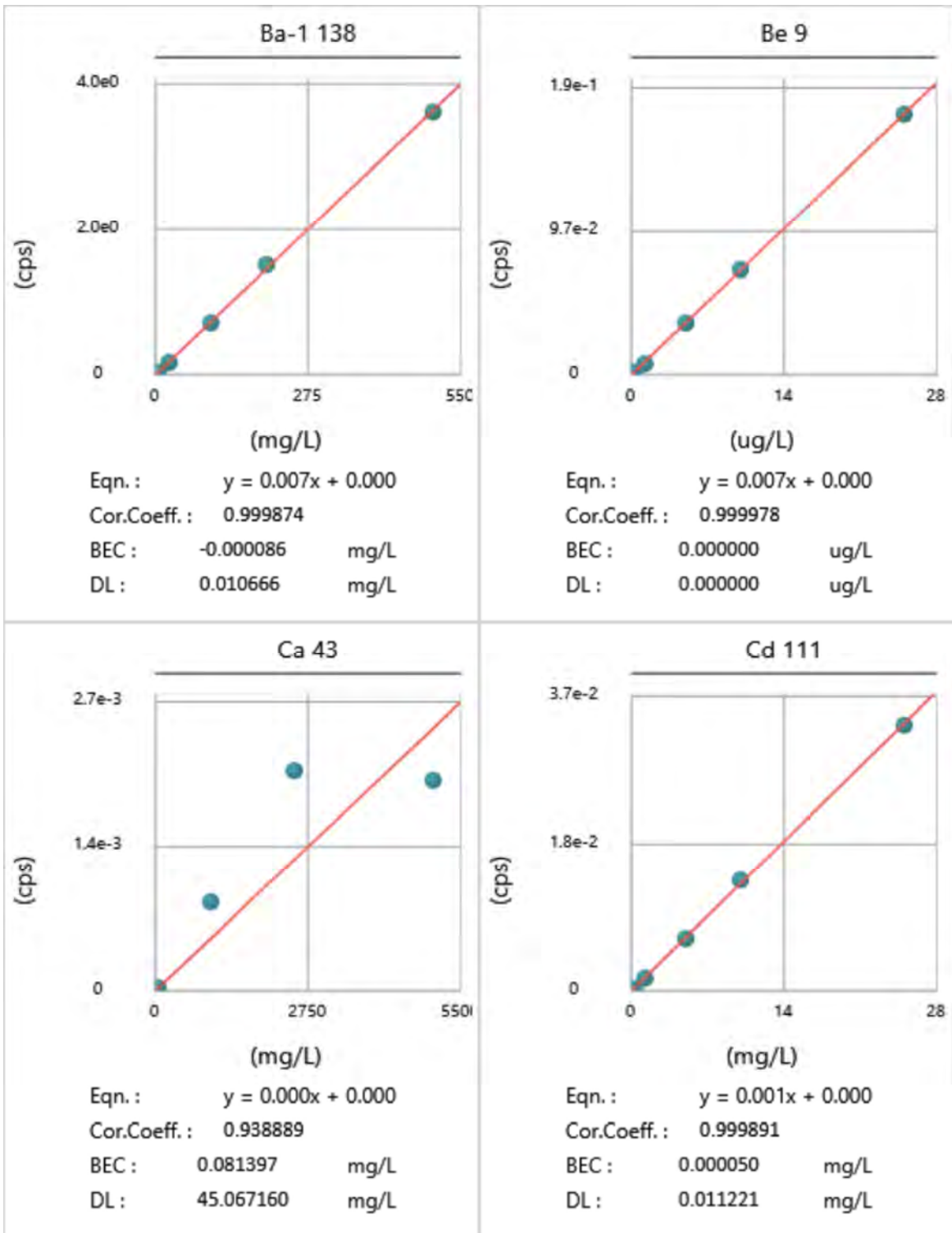


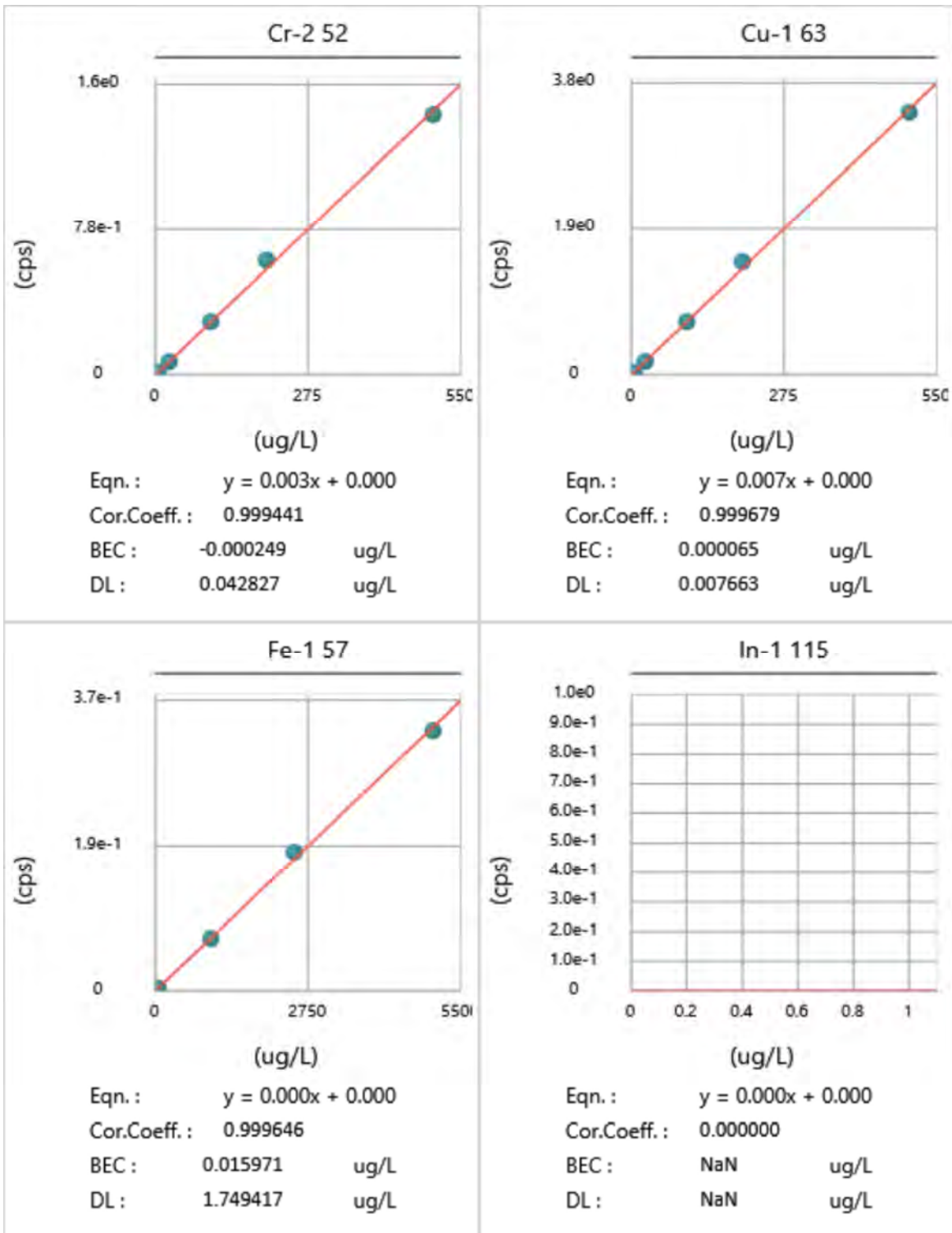


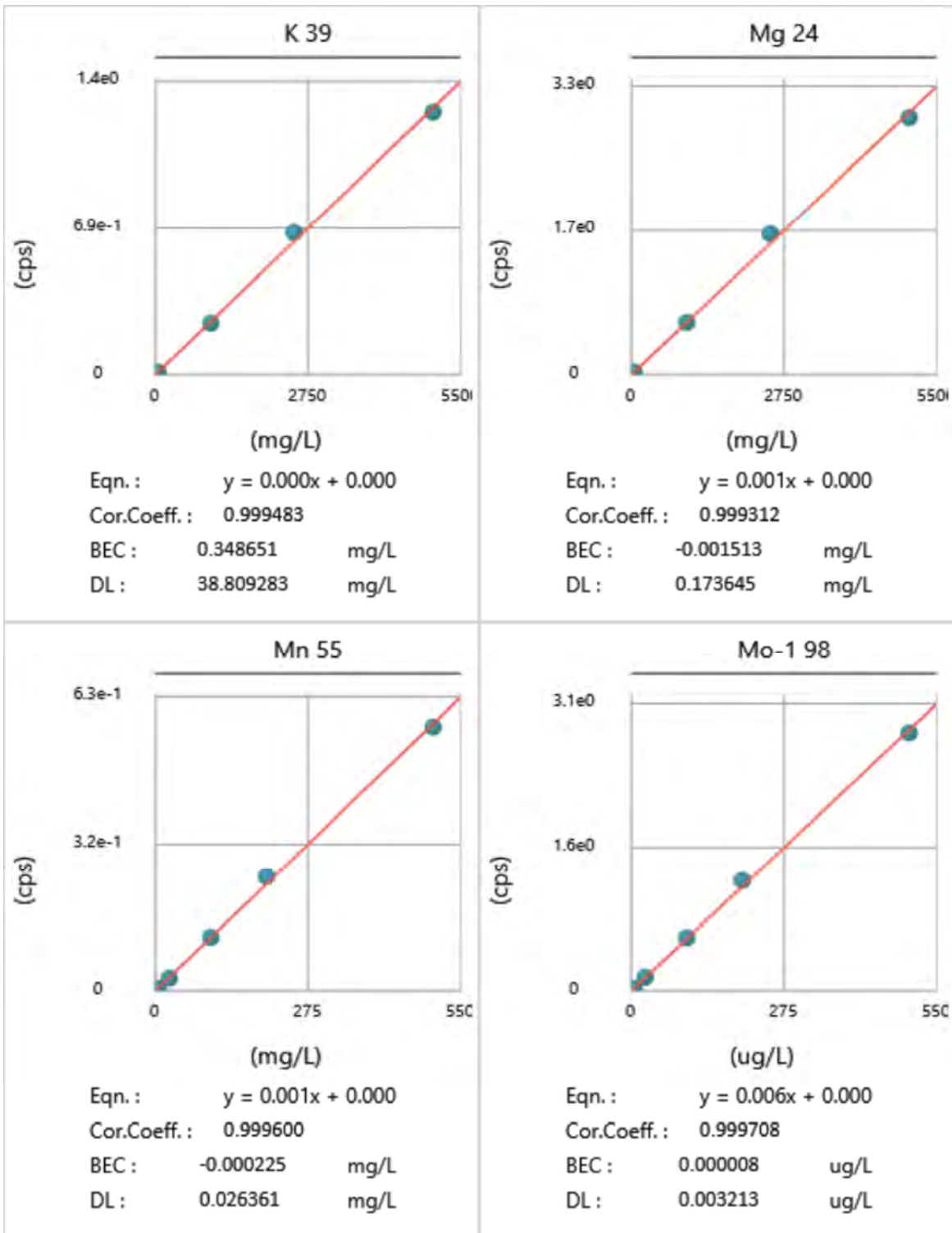


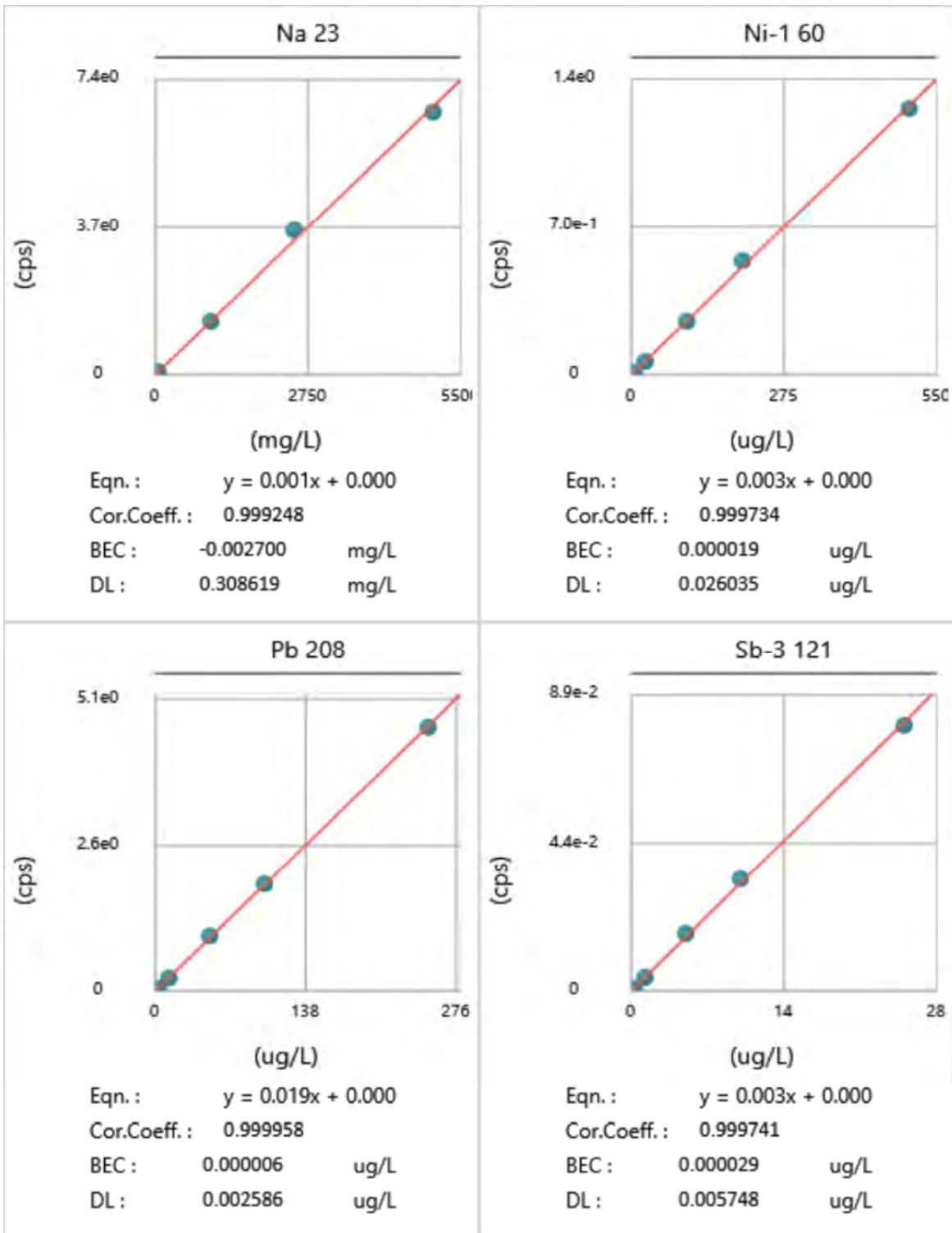


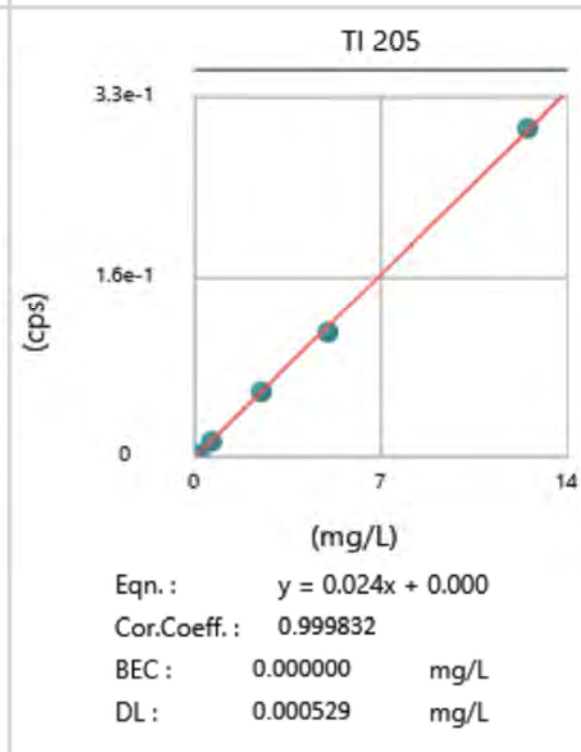
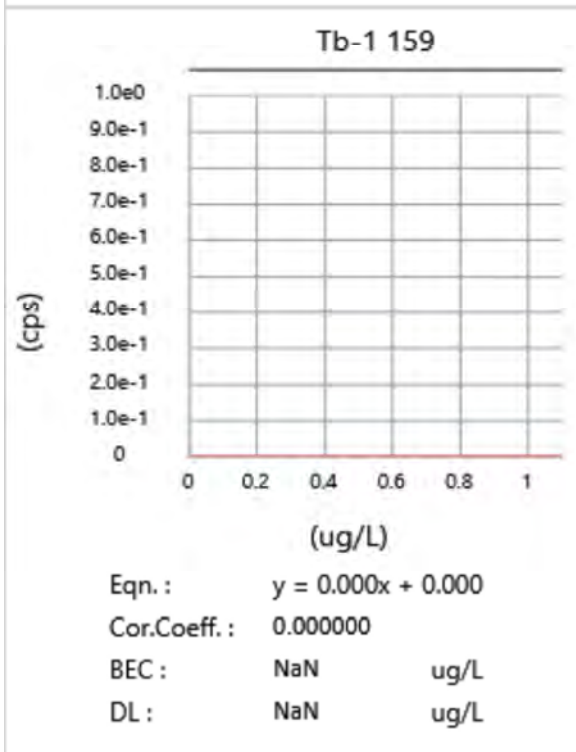
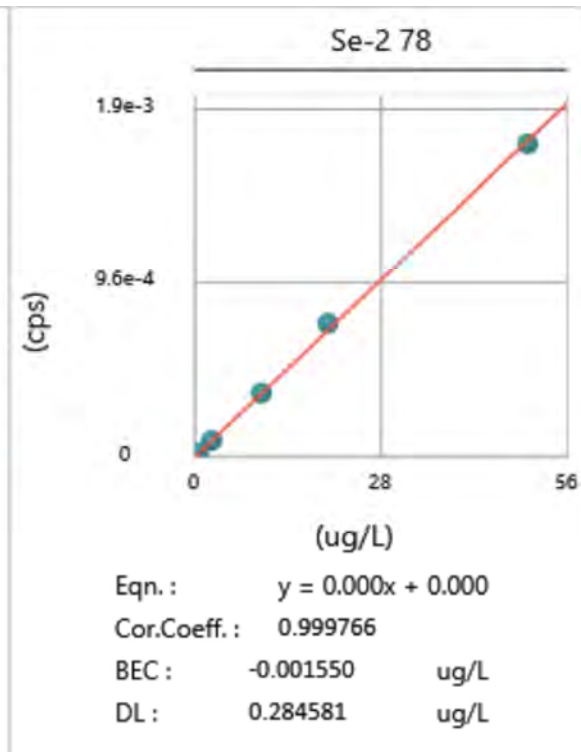
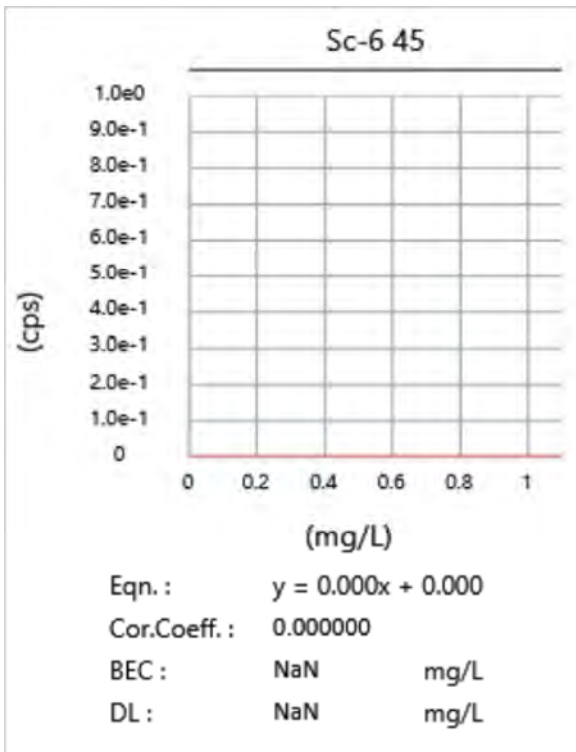


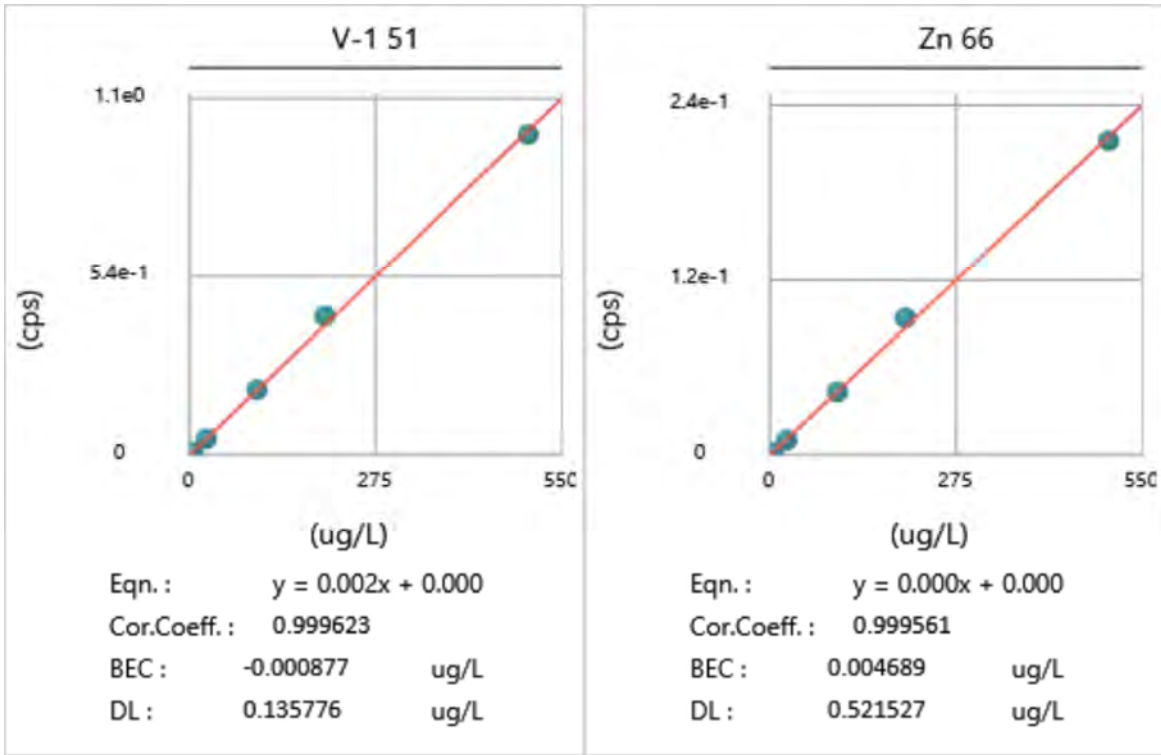


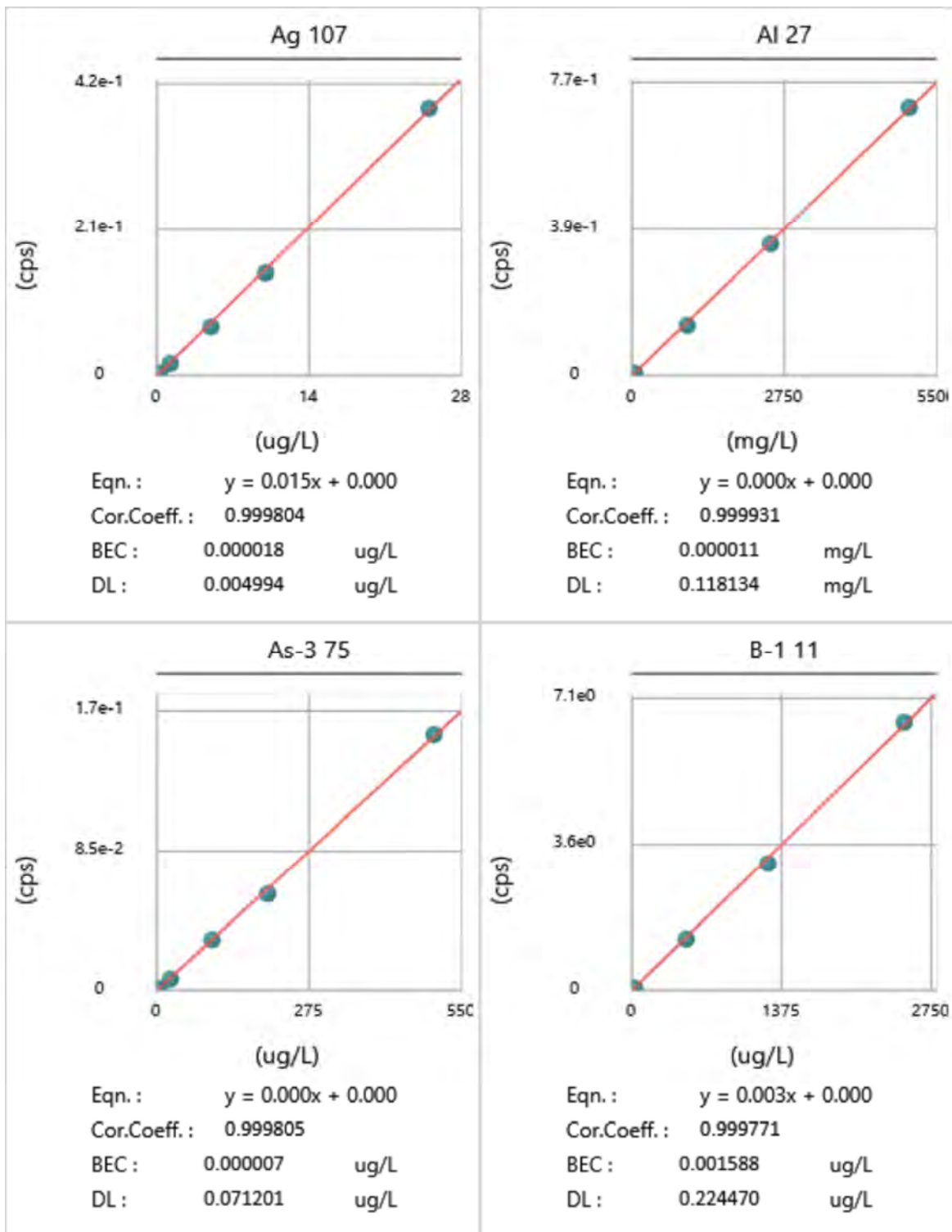


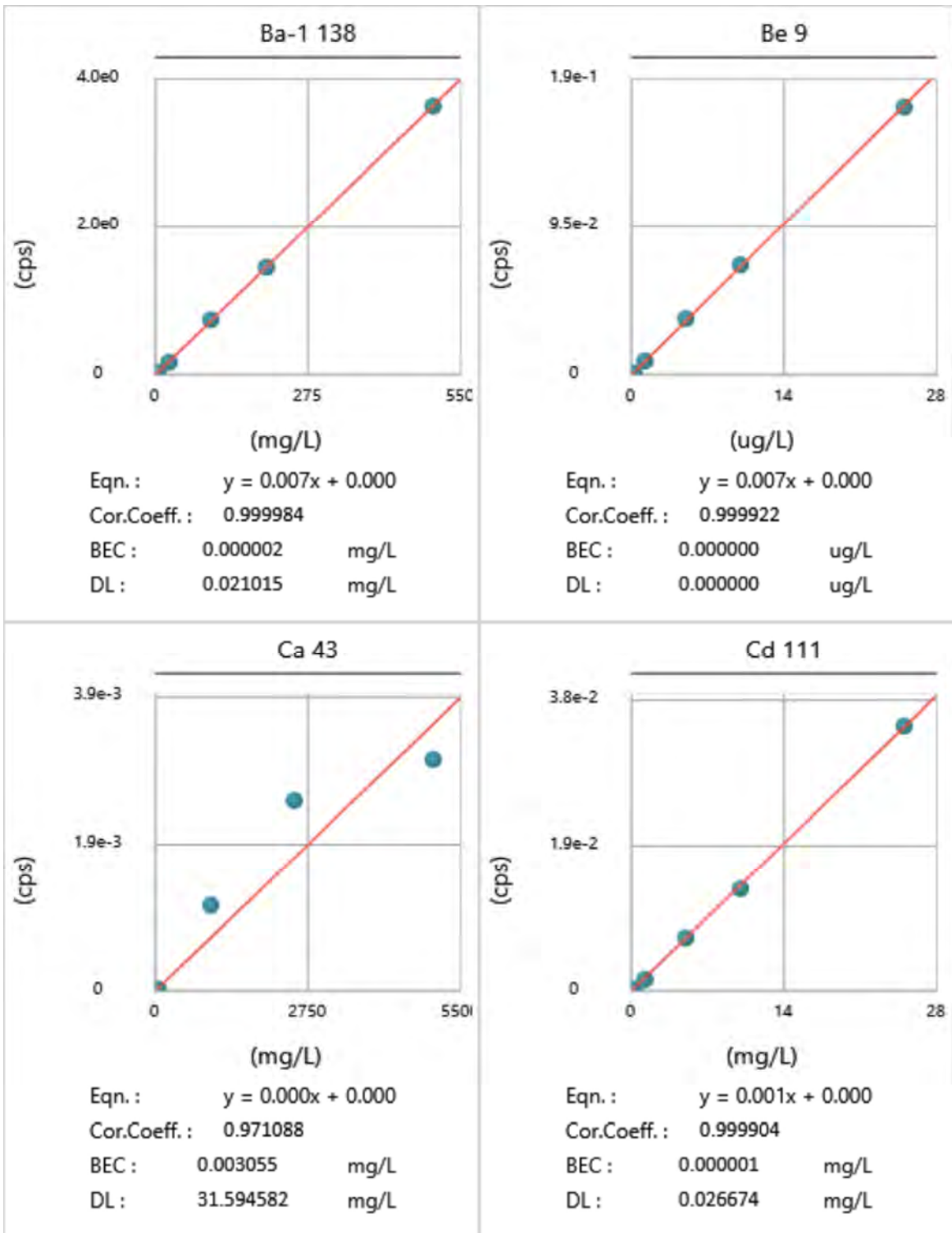


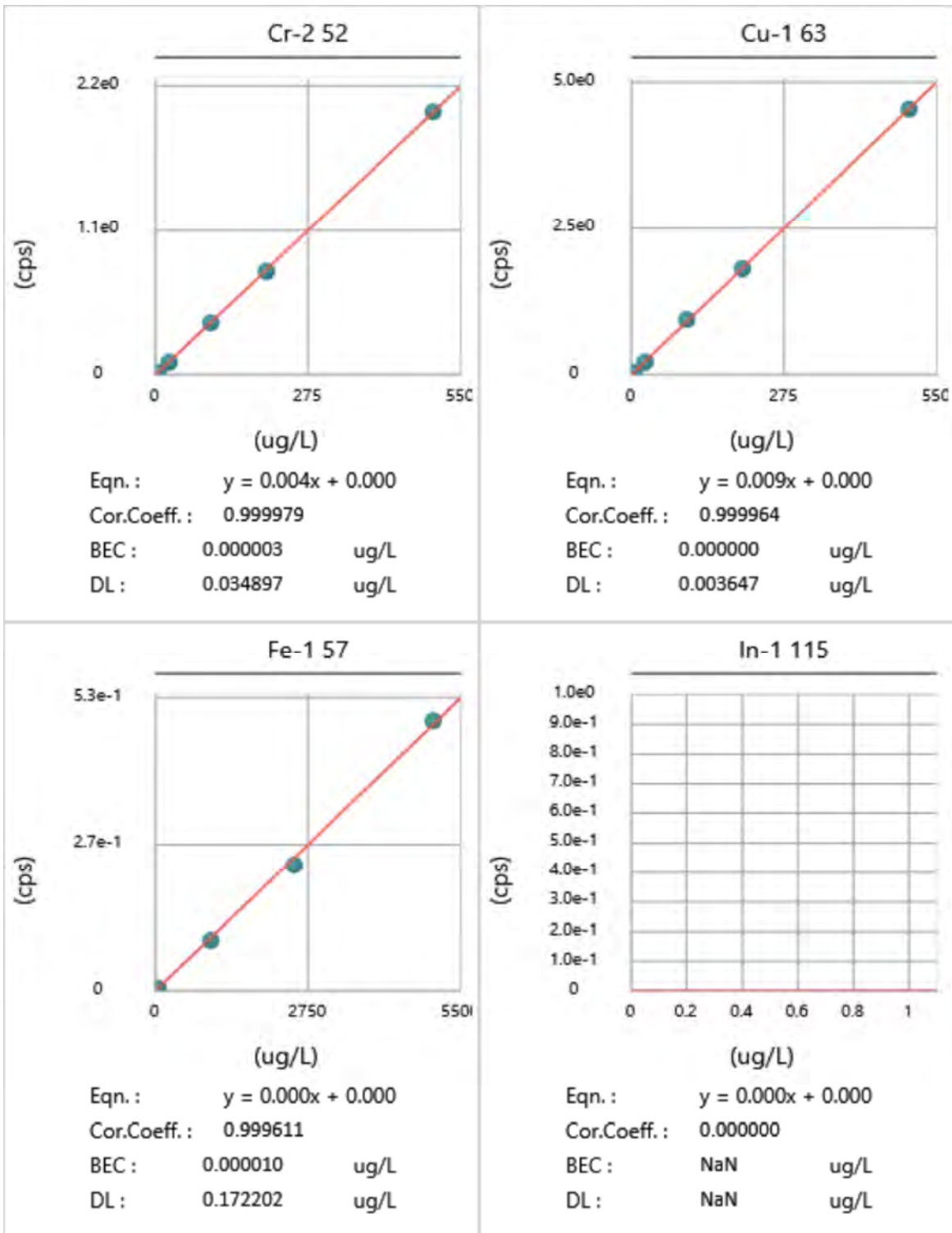


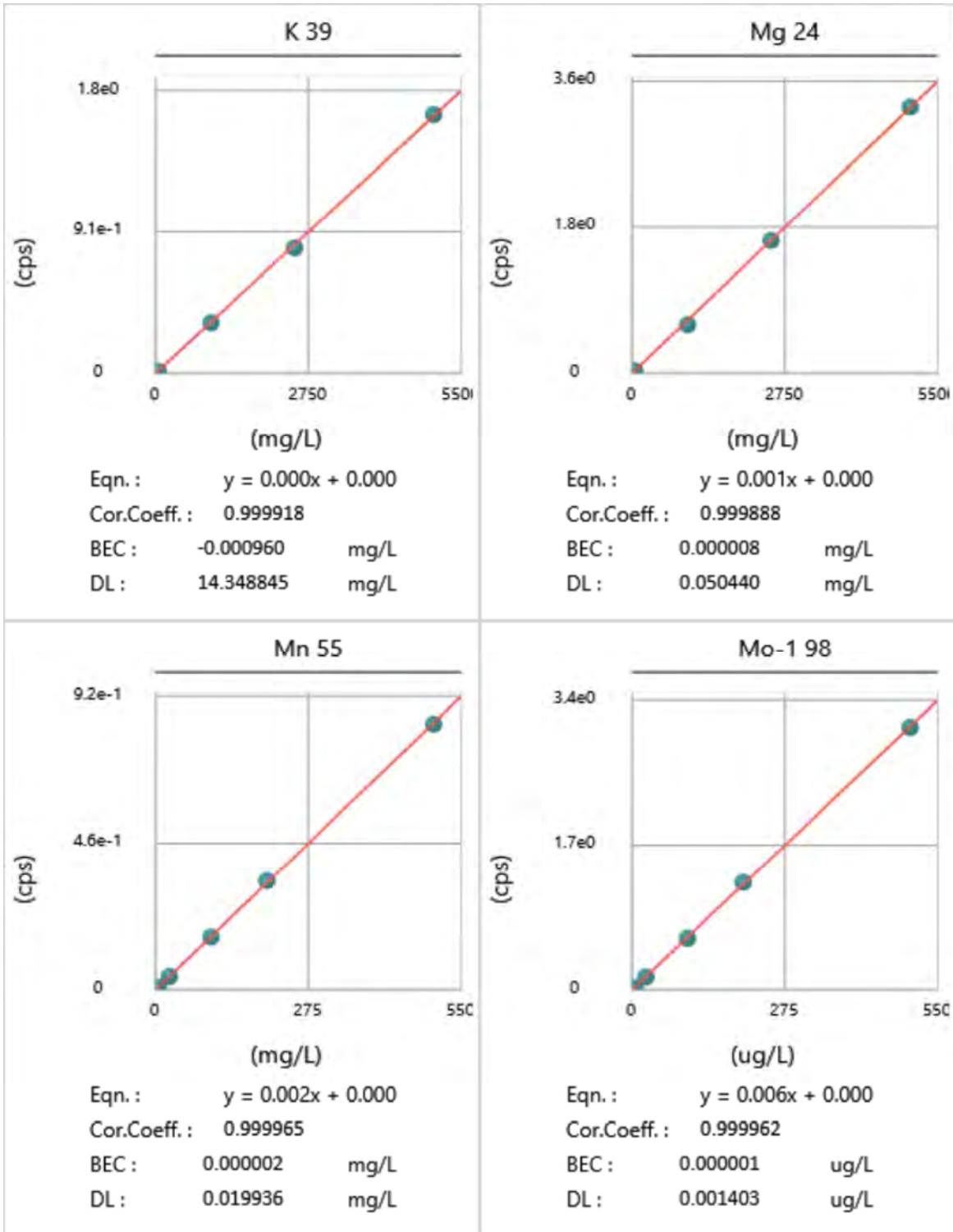


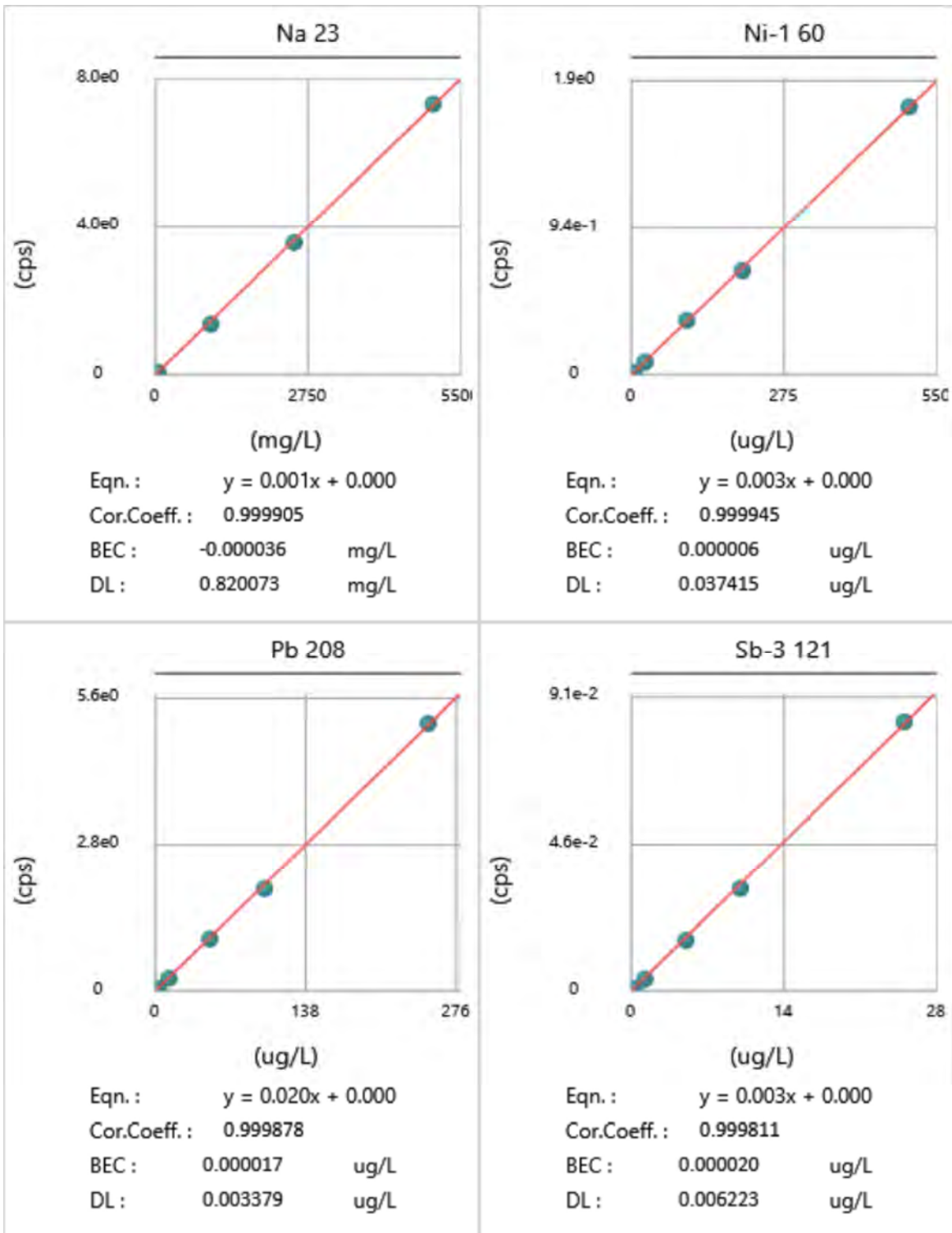


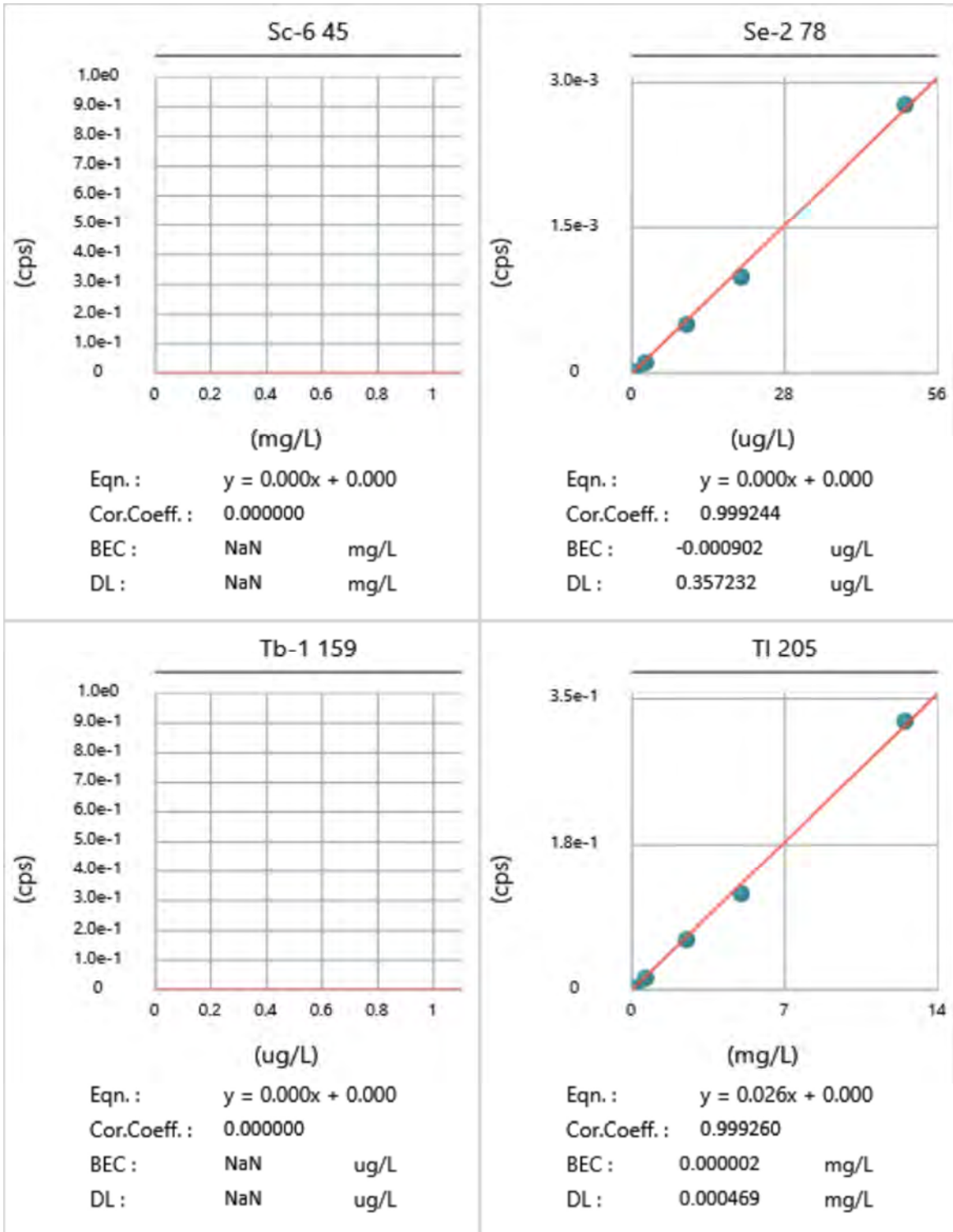


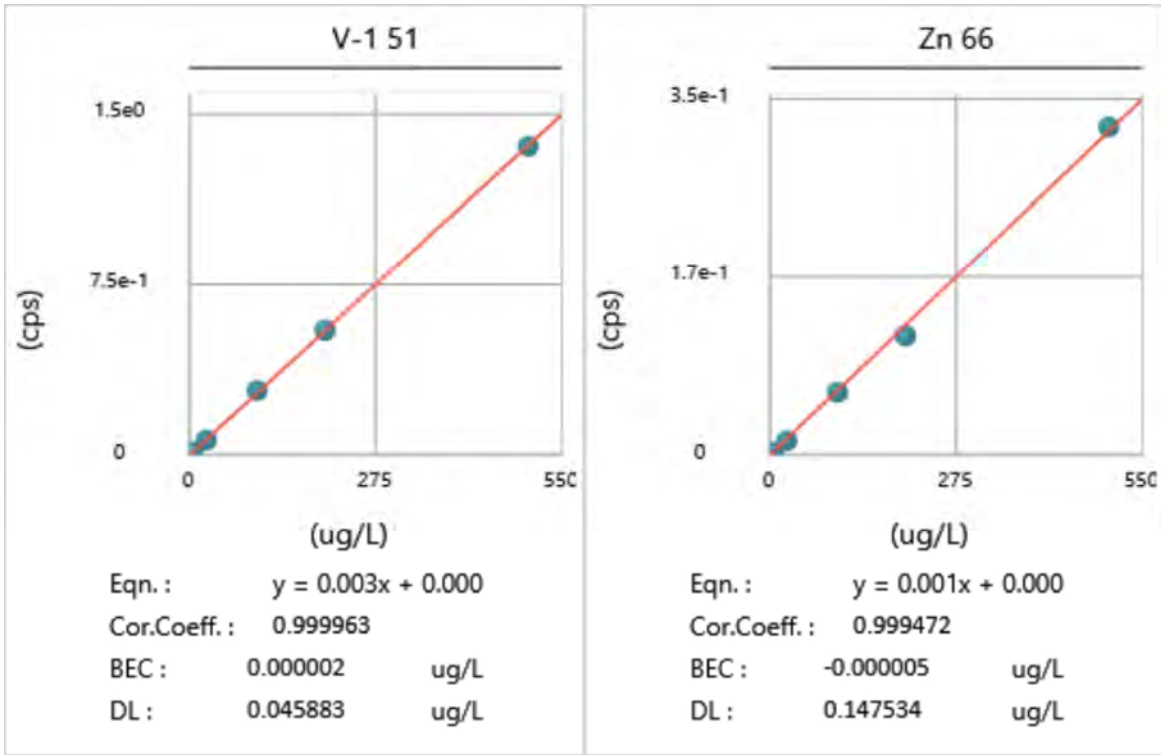


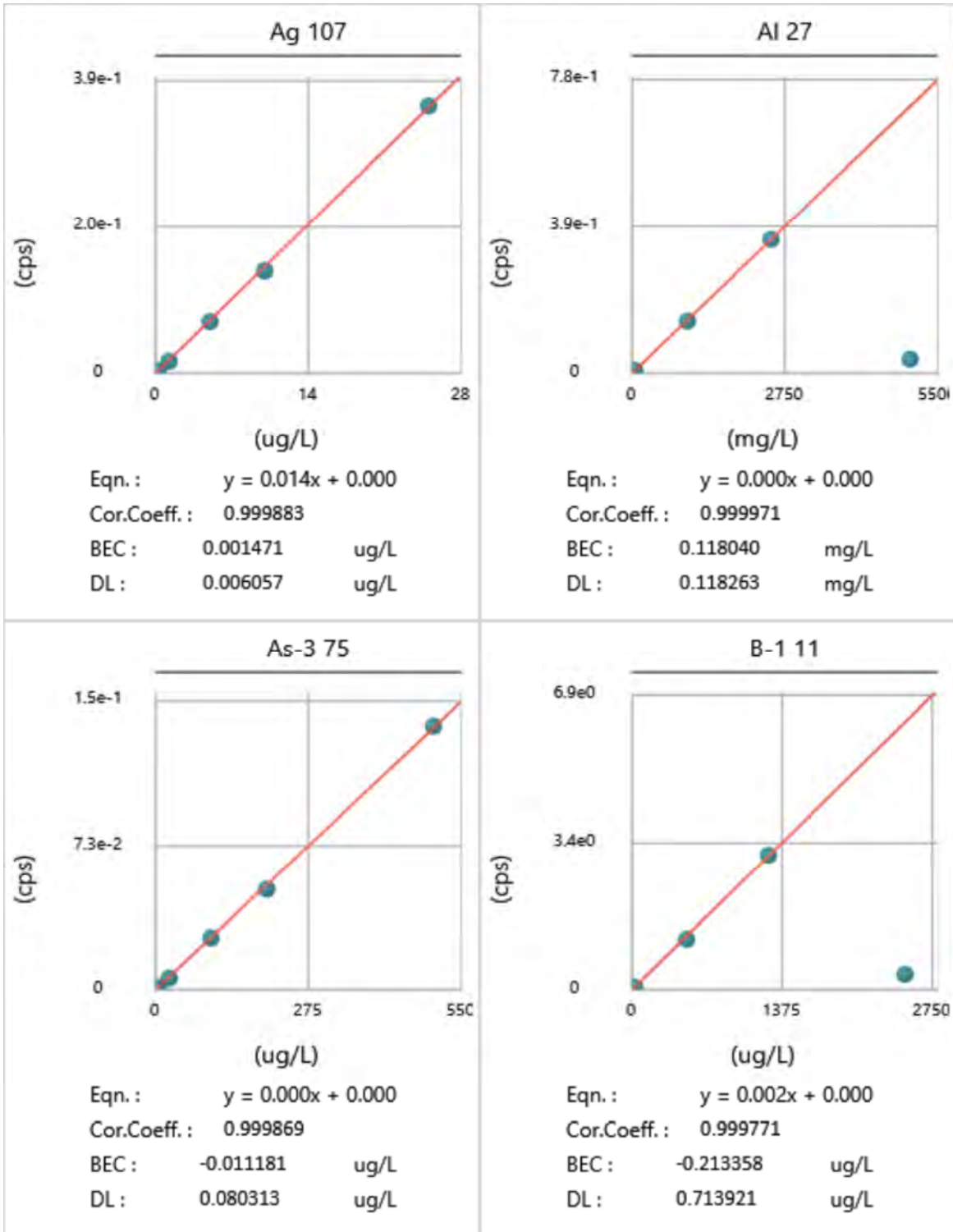


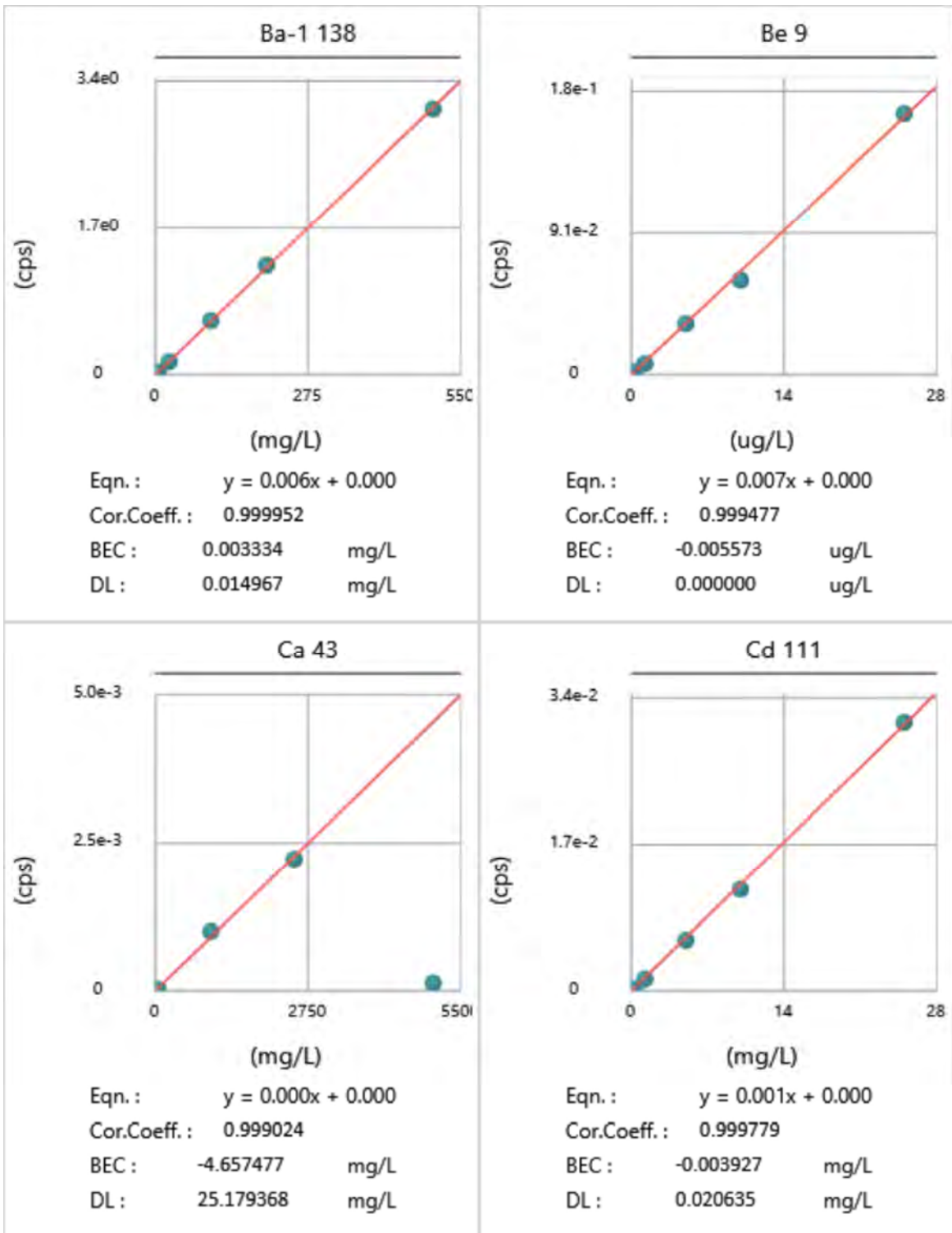


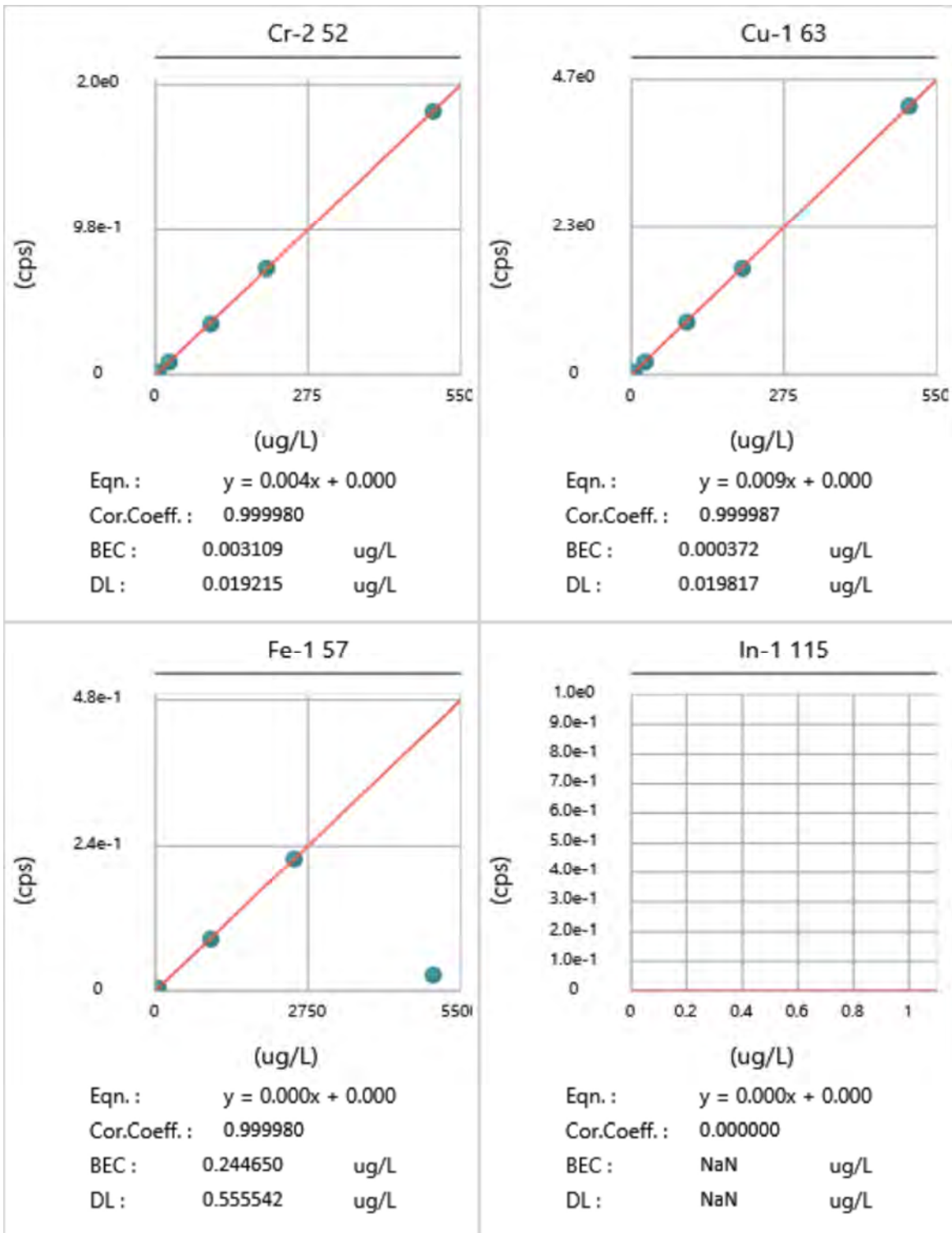


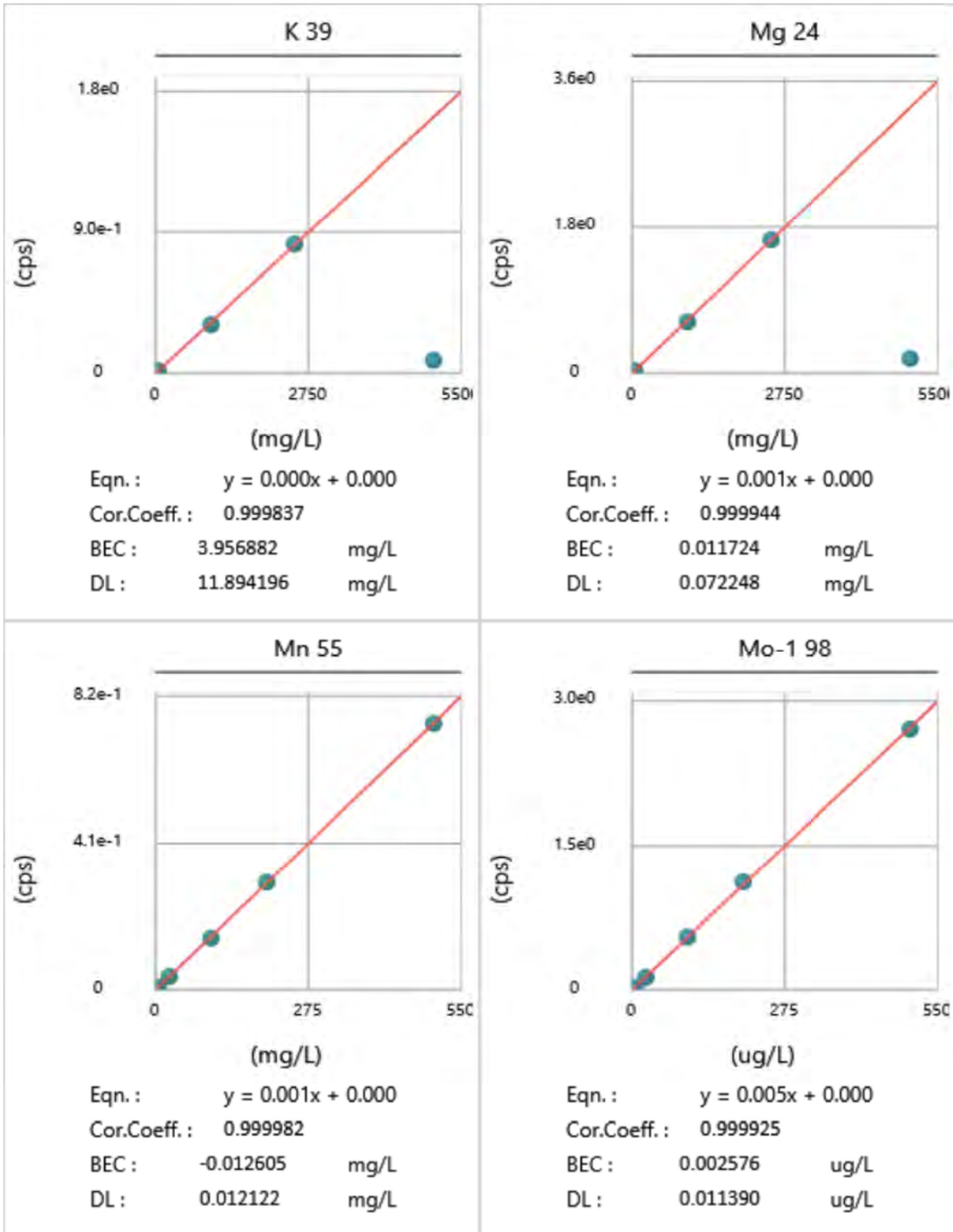


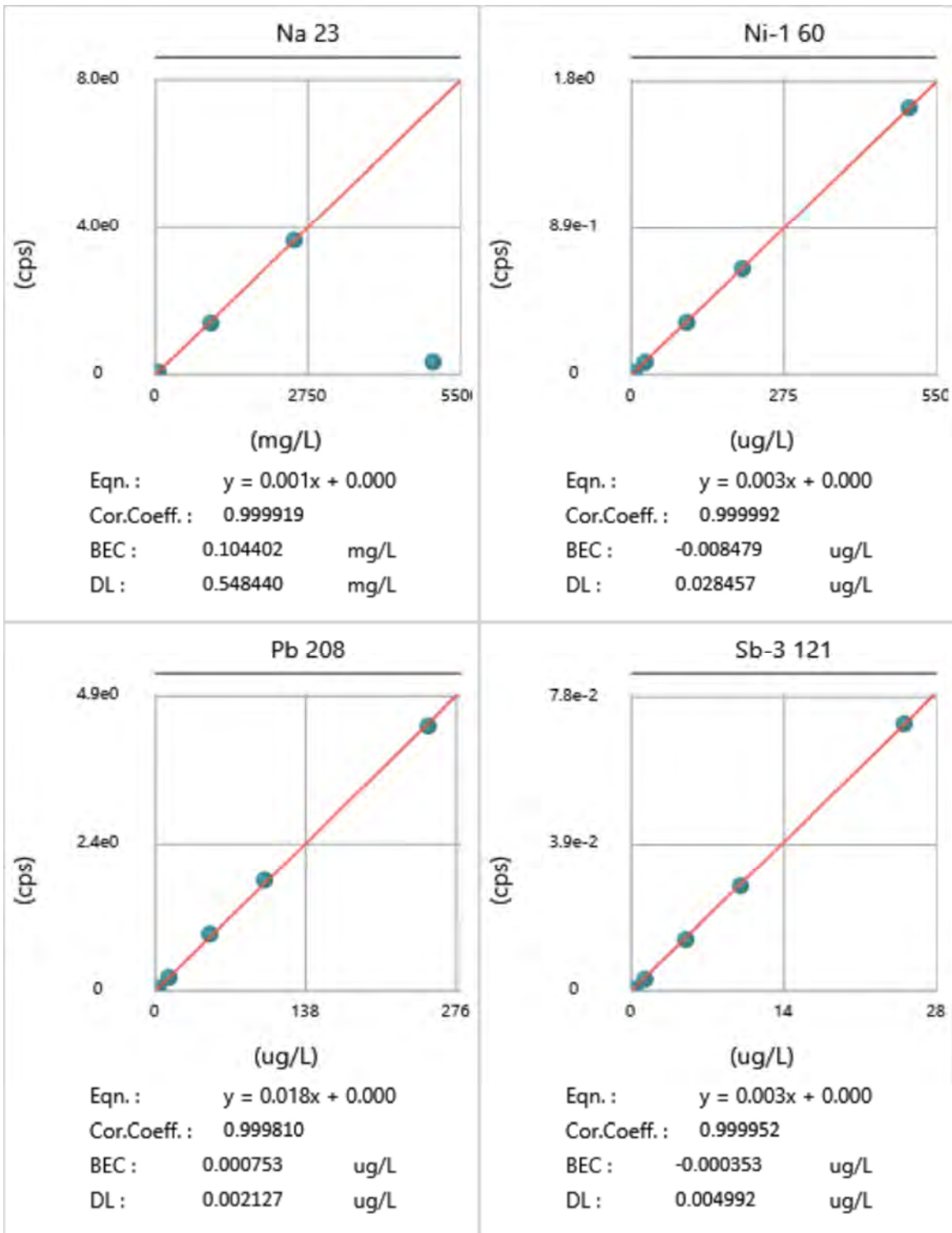


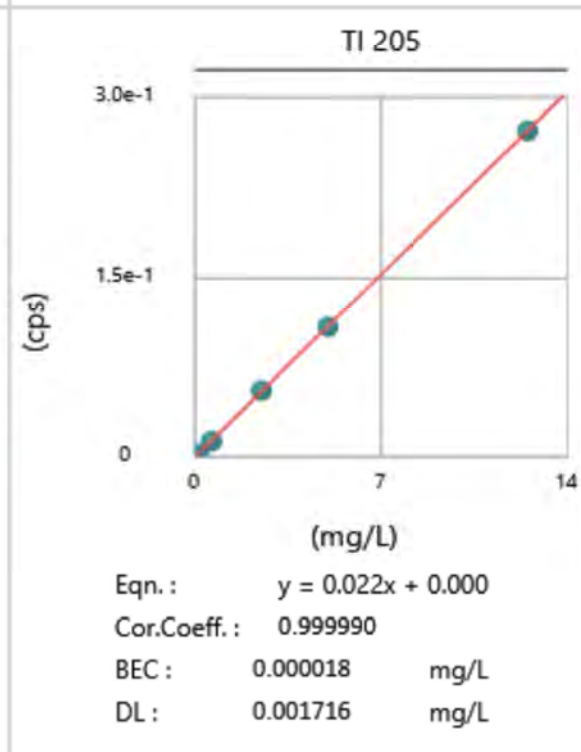
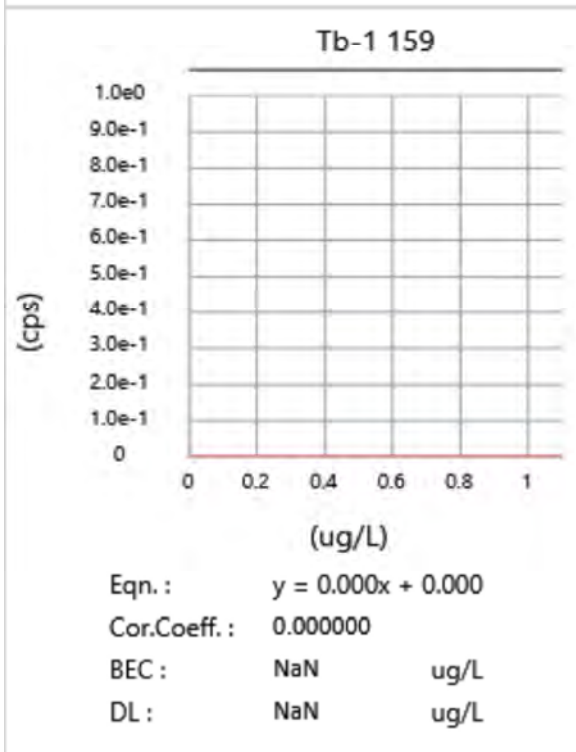
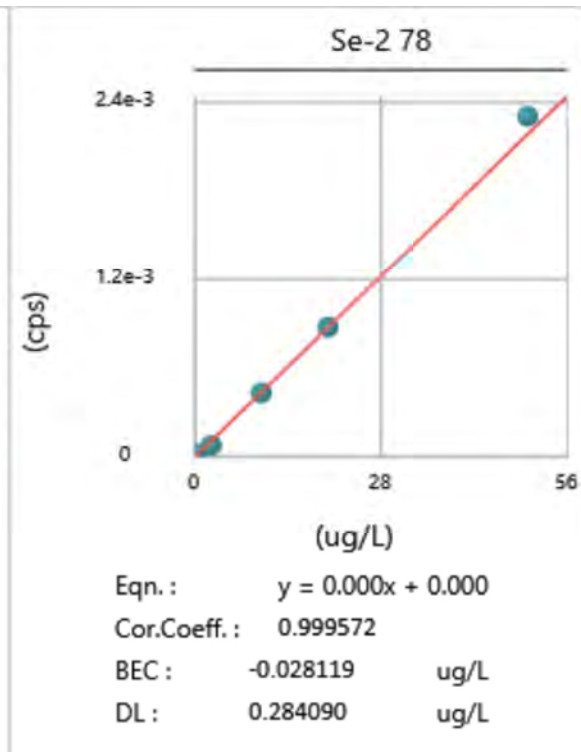
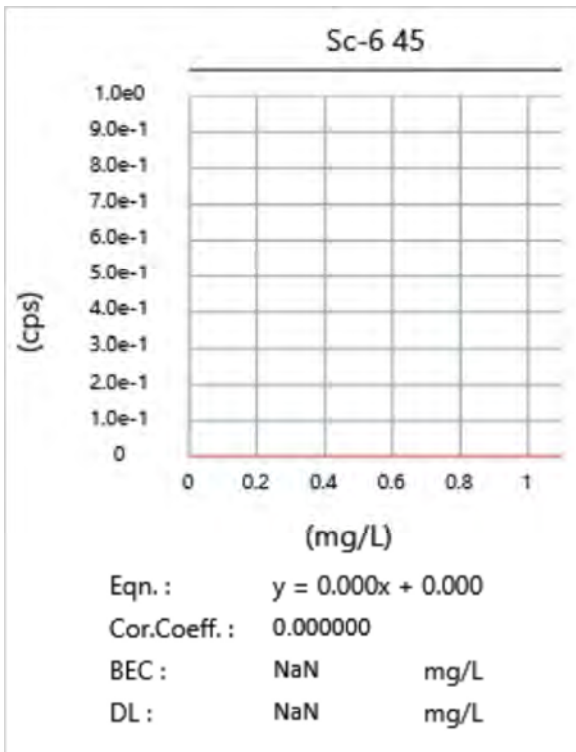


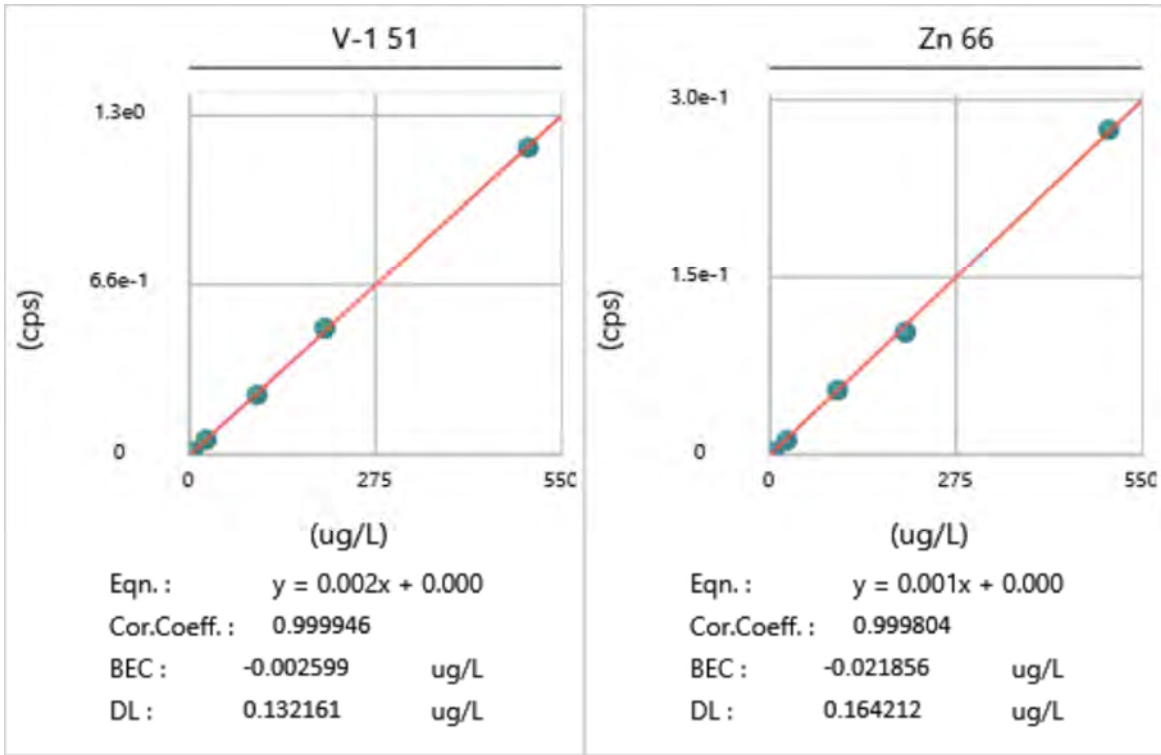


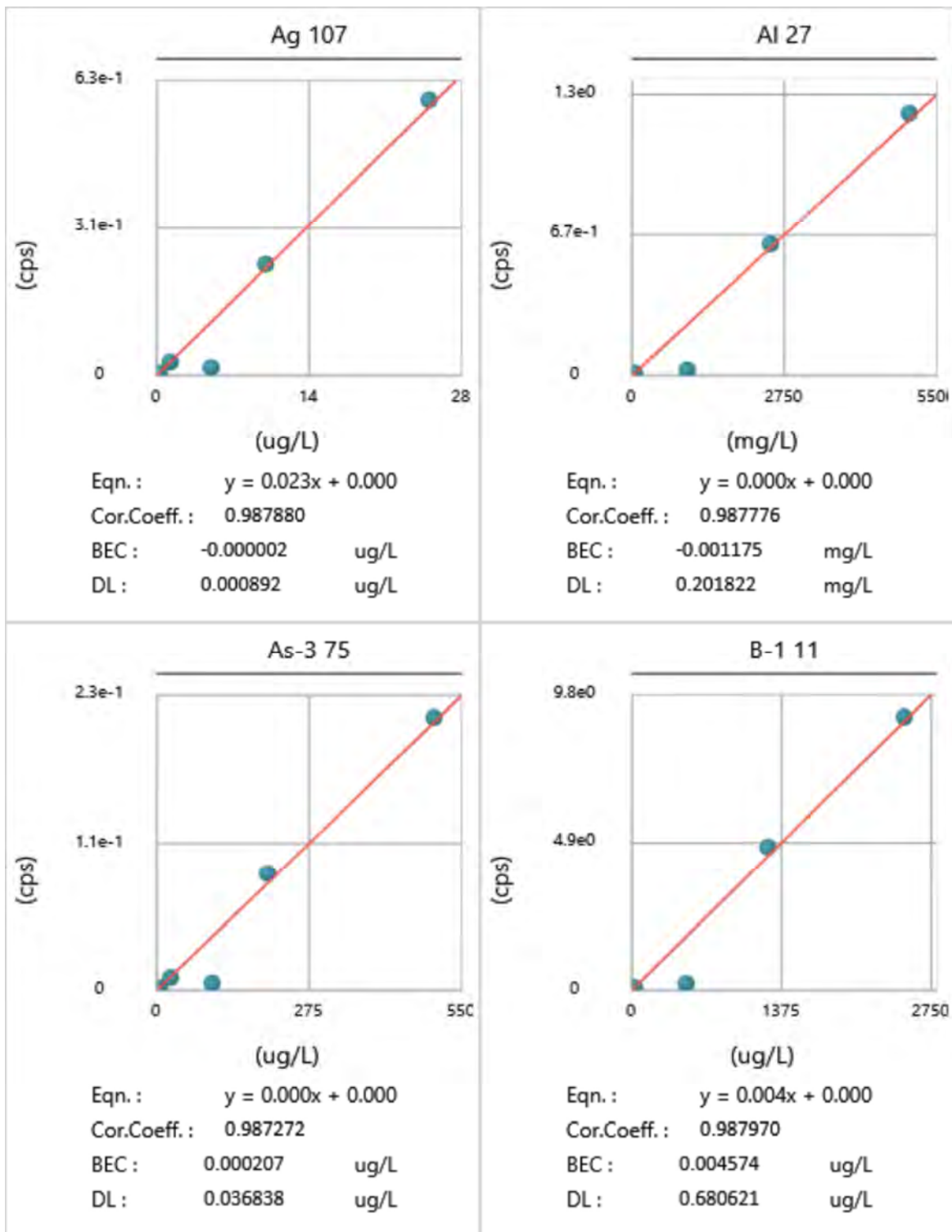


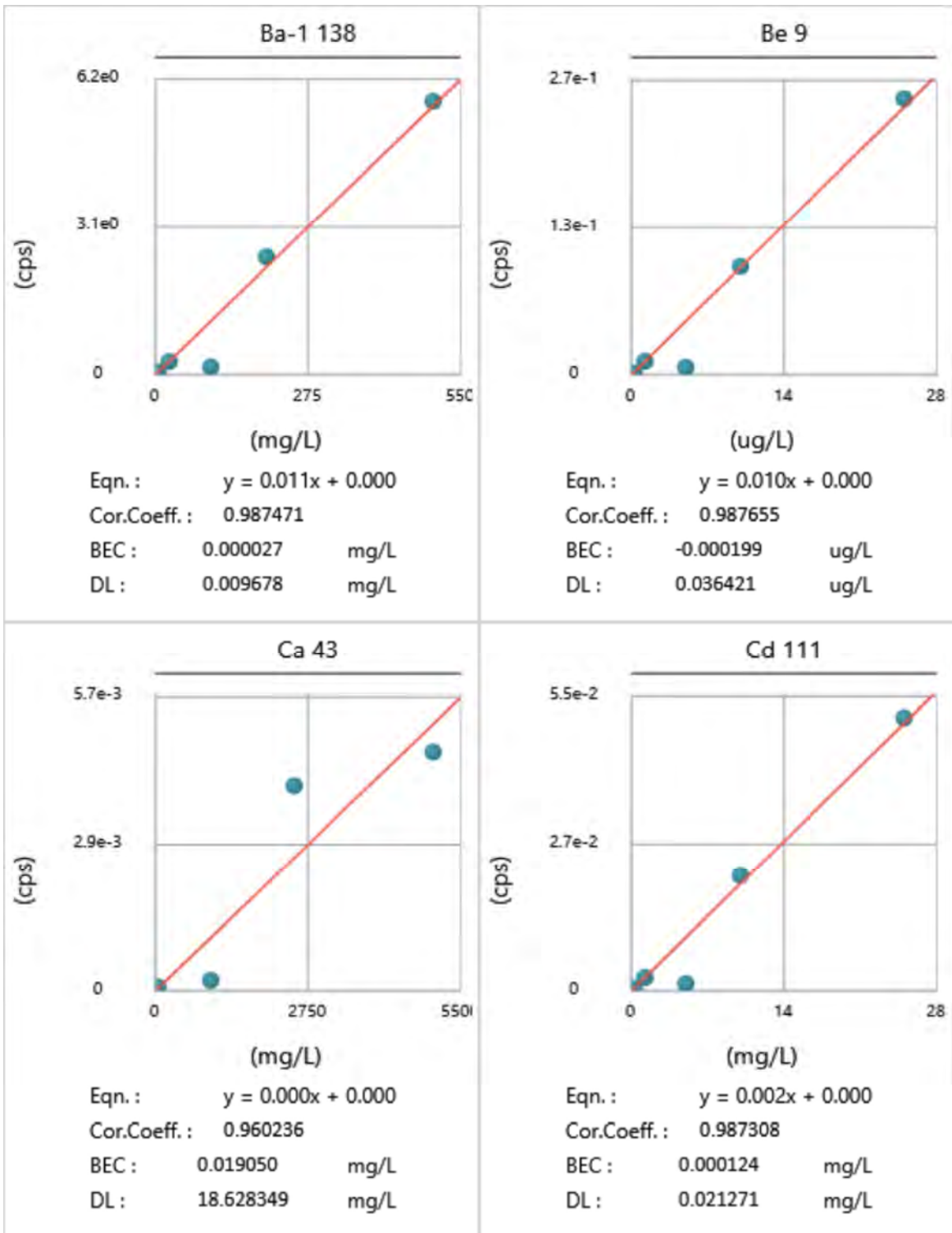


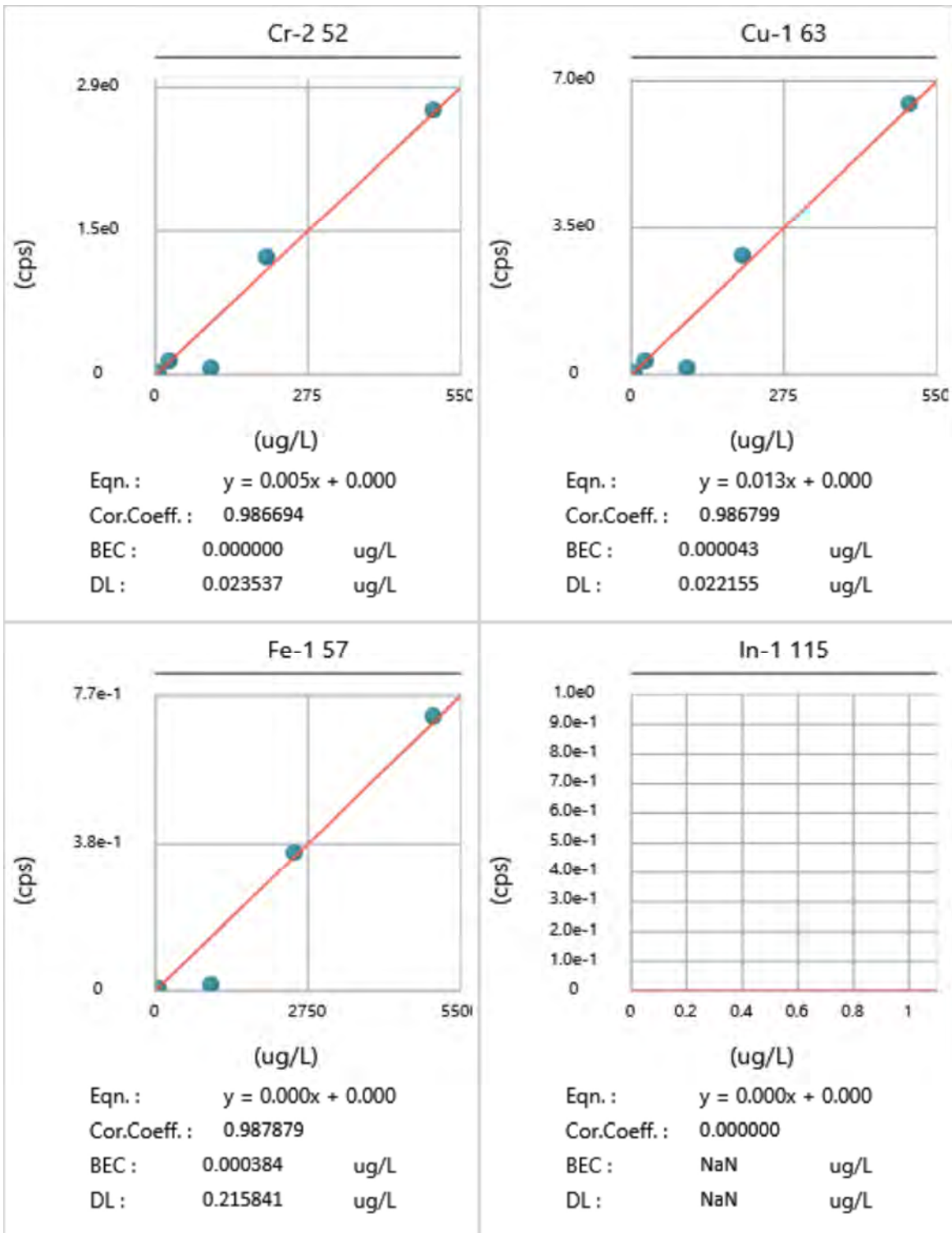


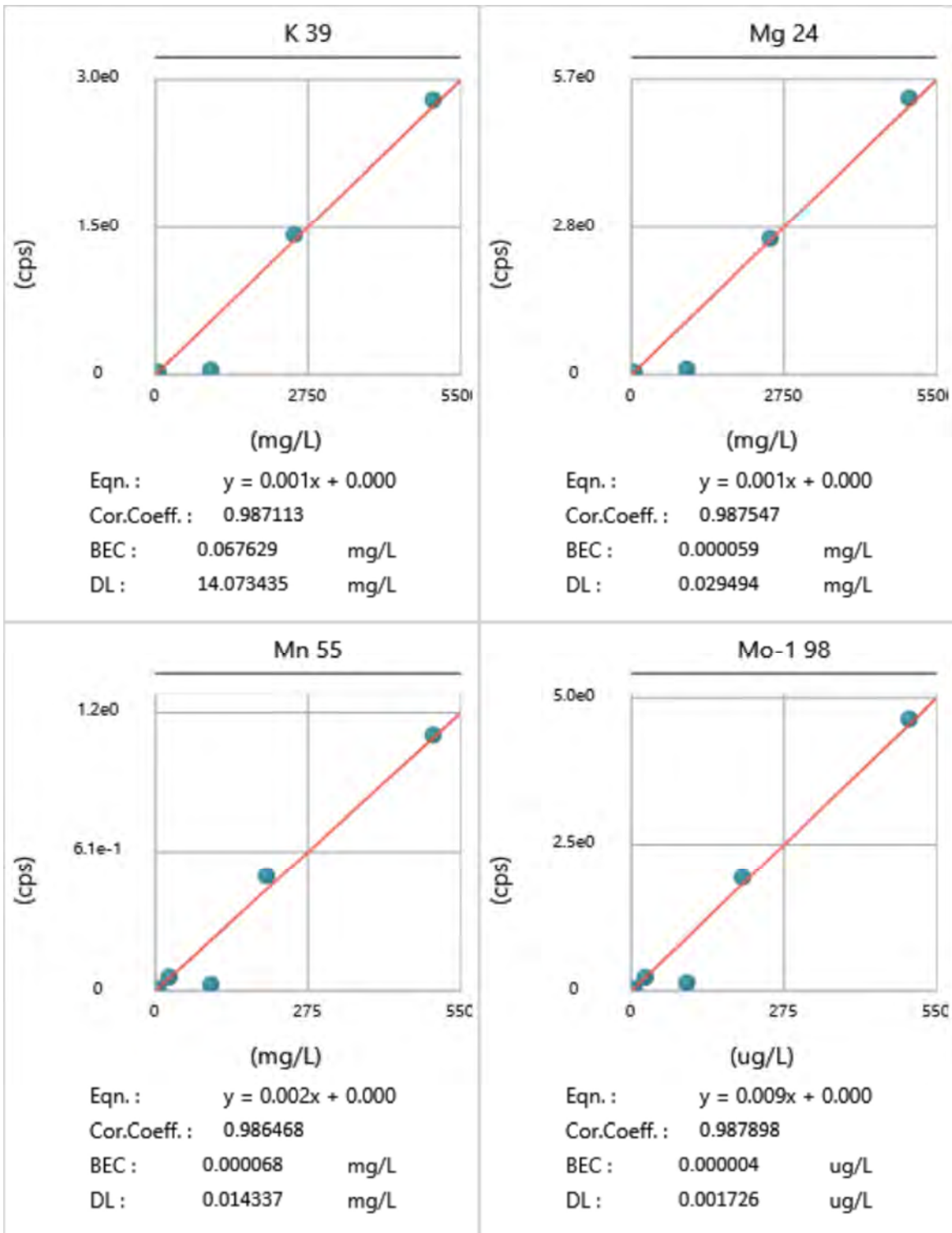


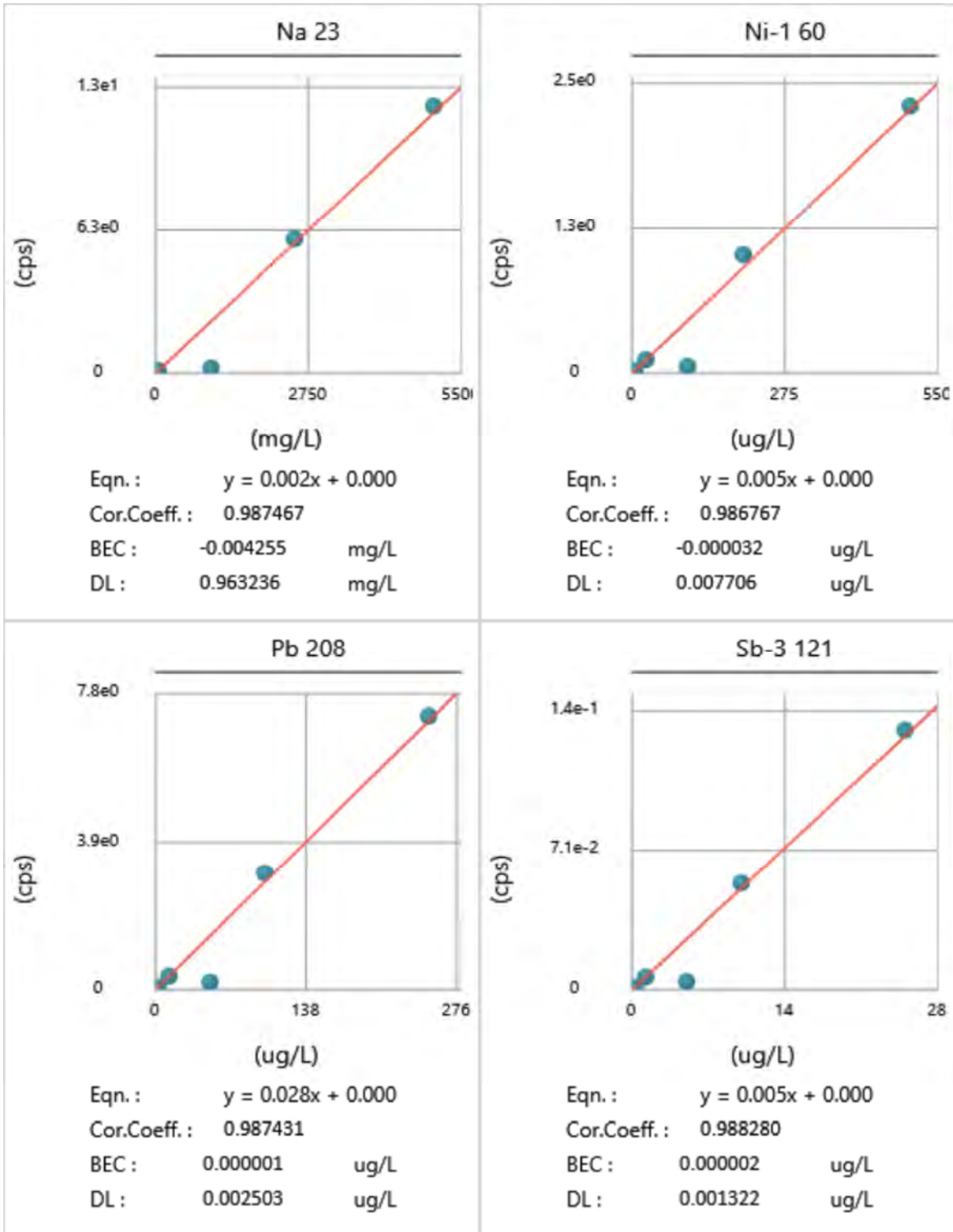


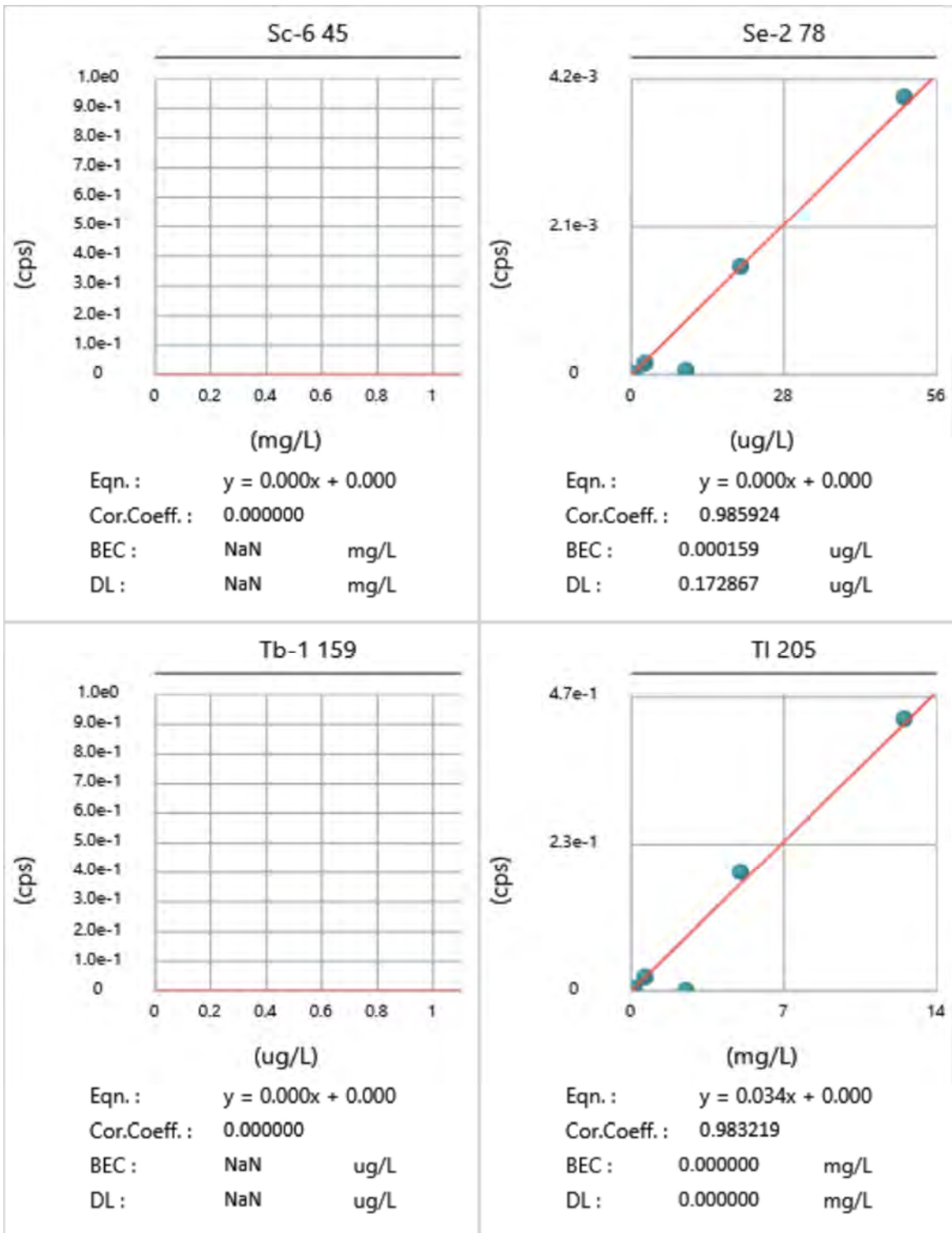


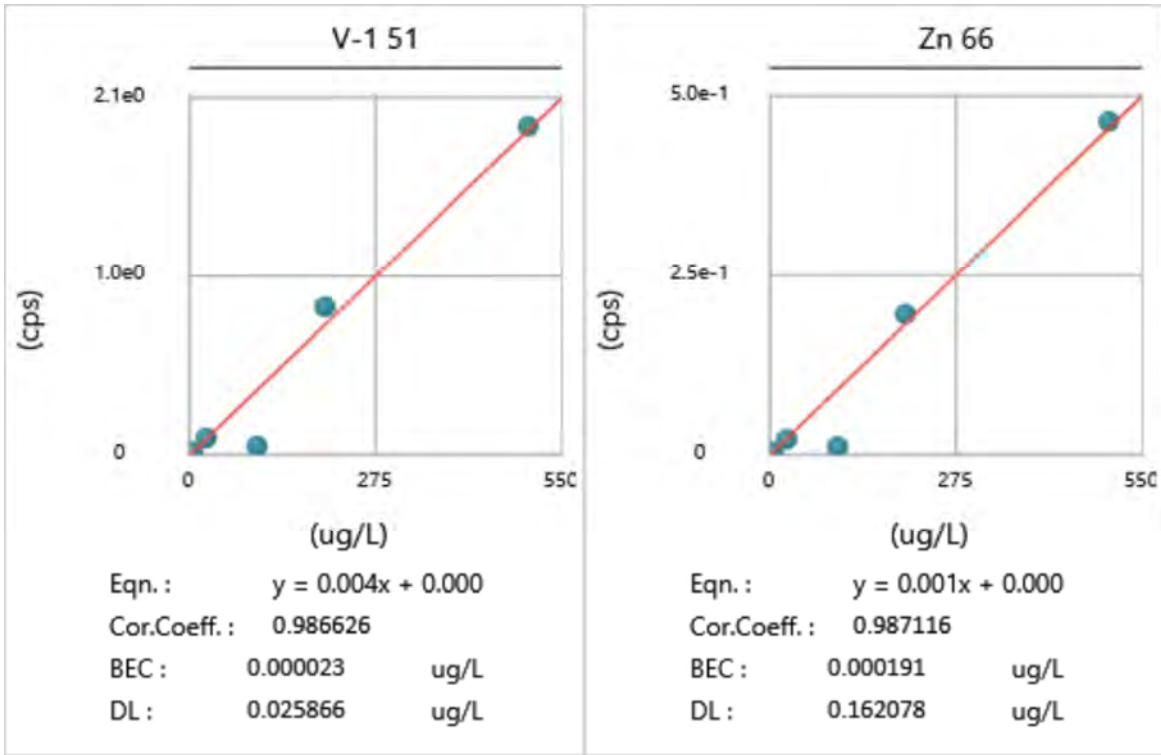














Tunes

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/30/2021 10:03:30 AM

End Time: 12/30/2021 10:05:52 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 5943.97

Obtained Intensity (Mg 24): 22348.54

Obtained Intensity (In 115): 44424.58

Obtained Intensity (U 238): 36922.32

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.015 (=682.42 / 44174.73)

Obtained Formula (Ce++ 70 / Ce 140): 0.007 (=307.47 / 44174.73)

Obtained RSD (Be 9): 0.0101

Obtained RSD (Mg 24): 0.0107

Obtained RSD (In 115): 0.0177

Obtained RSD (U 238): 0.0071

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/30/2021 10:03:30 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 5943.97
Obtained Intensity (Mg 24): 22348.54
Obtained Intensity (In 115): 44424.58
Obtained Intensity (U 238): 36922.32
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.015 (=682.42 / 44174.73)
Obtained Formula (Ce++ 70 / Ce 140): 0.007 (=307.47 / 44174.73)
Obtained RSD (Be 9): 0.0101
Obtained RSD (Mg 24): 0.0107
Obtained RSD (In 115): 0.0177
Obtained RSD (U 238): 0.0071

[Passed] Optimum value(s): N/A

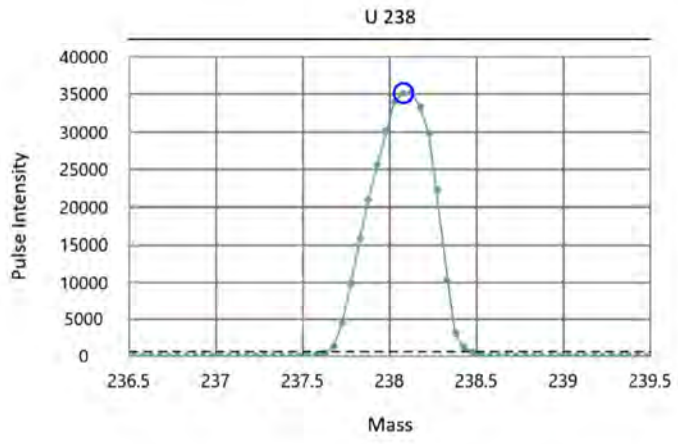
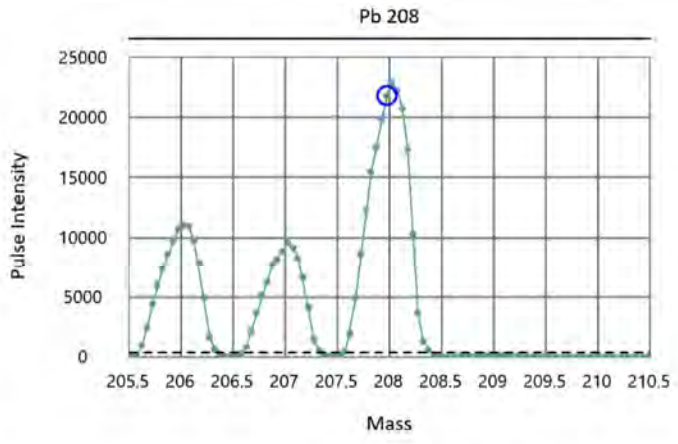
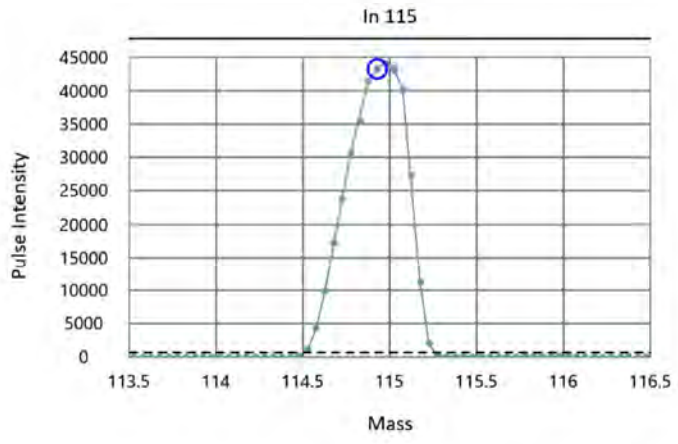
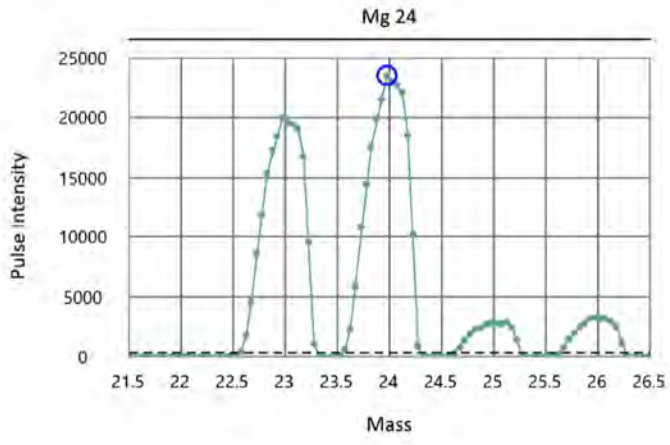
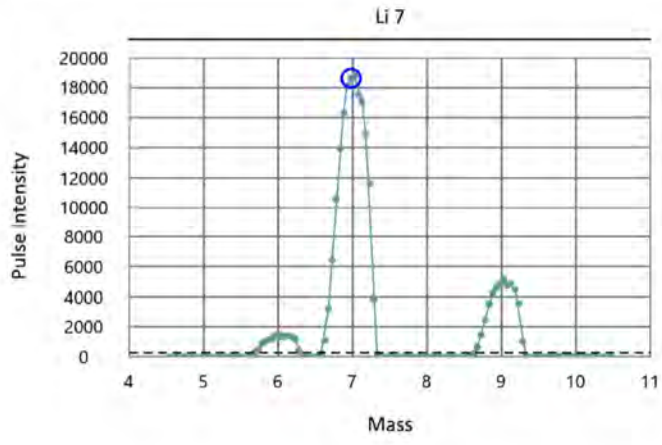
End Time: 12/30/2021 10:05:52 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/6.975), Target/Obtained resolution (0.7/0.699)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.684)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.683)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.744)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.729)

Acq. Date/Time: 12/30/2021 9:51:17 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	6.975	1322	2022	0.699	
Mg	23.985	23.975	4713	2023	0.684	
In	114.904	114.925	22854	2041	0.683	
Pb	207.977	207.975	41416	2060	0.744	
U	238.05	238.075	47420	2067	0.729	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/31/2021 8:48:13 AM

End Time: 12/31/2021 8:50:36 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 4848.02

Obtained Intensity (Mg 24): 19067.72

Obtained Intensity (In 115): 40148.82

Obtained Intensity (U 238): 35238.41

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.016 (=647.61 / 41587.38)

Obtained Formula (Ce++ 70 / Ce 140): 0.006 (=241.54 / 41587.38)

Obtained RSD (Be 9): 0.0156

Obtained RSD (Mg 24): 0.0107

Obtained RSD (In 115): 0.0165

Obtained RSD (U 238): 0.0105

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/31/2021 8:48:13 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 4848.02
Obtained Intensity (Mg 24): 19067.72
Obtained Intensity (In 115): 40148.82
Obtained Intensity (U 238): 35238.41
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.016 (=647.61 / 41587.38)
Obtained Formula (Ce++ 70 / Ce 140): 0.006 (=241.54 / 41587.38)
Obtained RSD (Be 9): 0.0156
Obtained RSD (Mg 24): 0.0107
Obtained RSD (In 115): 0.0165
Obtained RSD (U 238): 0.0105

[Passed] Optimum value(s): N/A

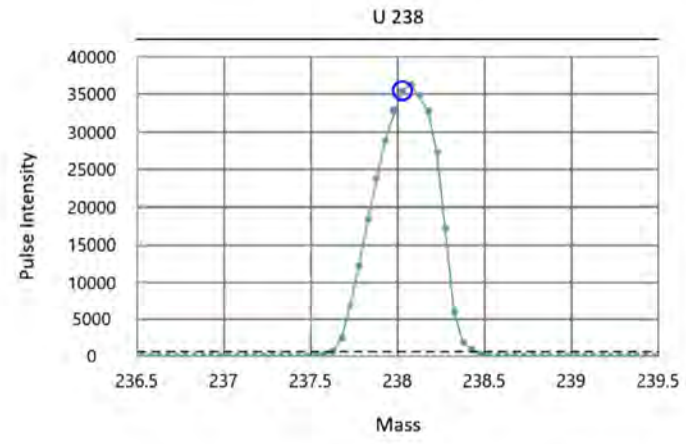
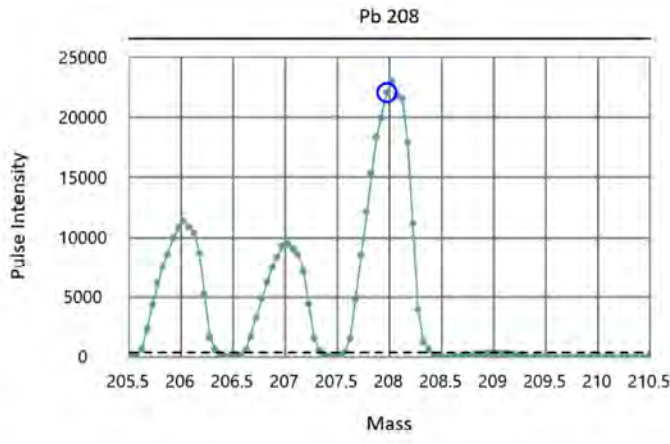
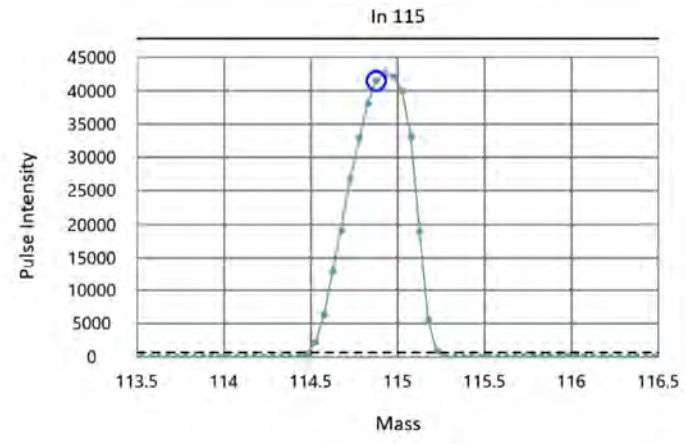
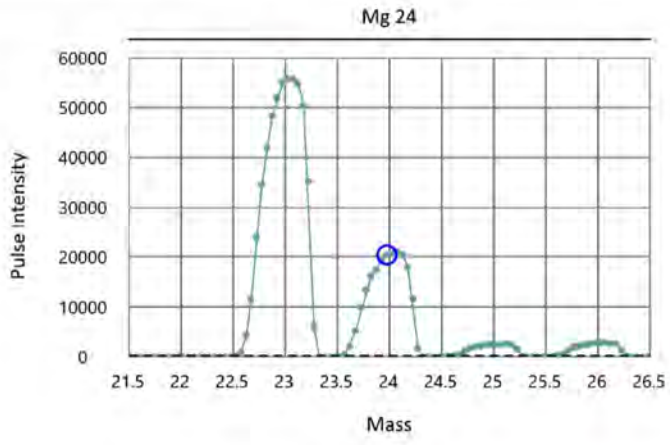
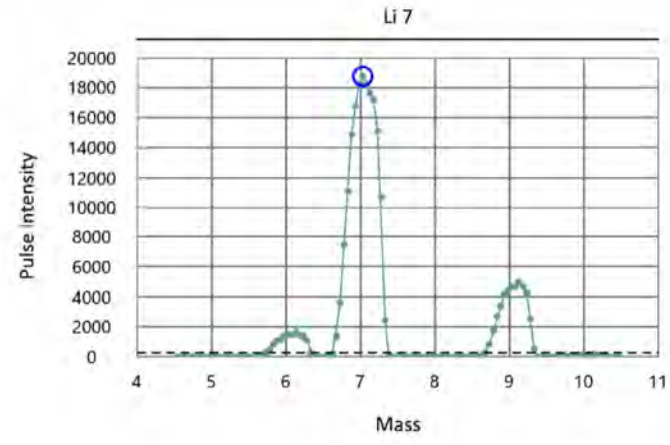
End Time: 12/31/2021 8:50:36 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.701)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.706)
 Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.692)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.732)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.724)

Acq. Date/Time: 12/31/2021 8:34:16 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1323	2022	0.701	
Mg	23.985	23.975	4711	2023	0.706	
In	114.904	114.875	22848	2041	0.692	
Pb	207.977	207.975	41415	2060	0.732	
U	238.05	238.025	47415	2067	0.724	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/4/2022 9:40:02 AM

End Time: 1/4/2022 9:42:21 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10675.19

Obtained Intensity (Mg 24): 39169.63

Obtained Intensity (In 115): 64946.07

Obtained Intensity (U 238): 52950.44

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.025 (=1438.47 / 56598.70)

Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=842.69 / 56598.70)

Obtained RSD (Be 9): 0.0134

Obtained RSD (Mg 24): 0.0099

Obtained RSD (In 115): 0.0197

Obtained RSD (U 238): 0.0175

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/4/2022 9:40:02 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10675.19
Obtained Intensity (Mg 24): 39169.63
Obtained Intensity (In 115): 64946.07
Obtained Intensity (U 238): 52950.44
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.025 (=1438.47 / 56598.70)
Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=842.69 / 56598.70)
Obtained RSD (Be 9): 0.0134
Obtained RSD (Mg 24): 0.0099
Obtained RSD (In 115): 0.0197
Obtained RSD (U 238): 0.0175

[Passed] Optimum value(s): N/A

End Time: 1/4/2022 9:42:21 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A

Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.697)

Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.704)

Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.682)

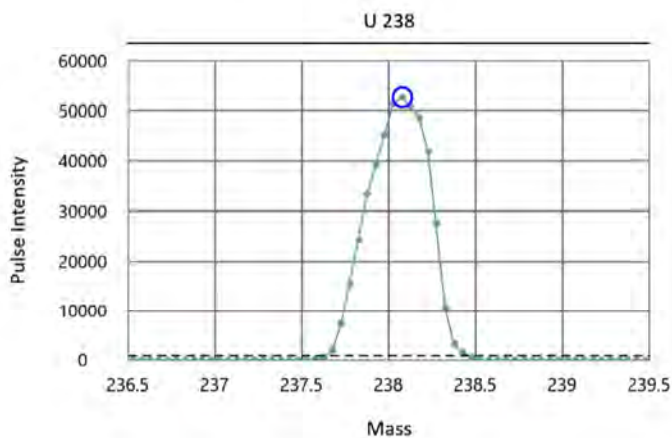
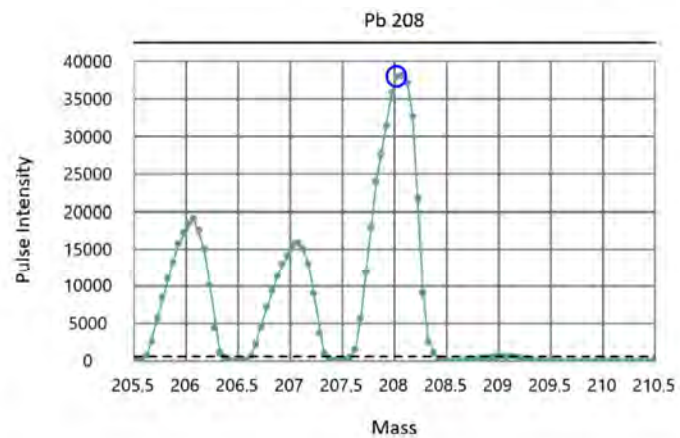
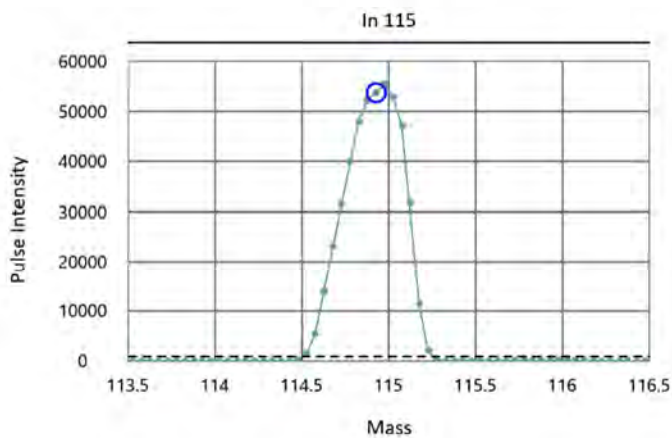
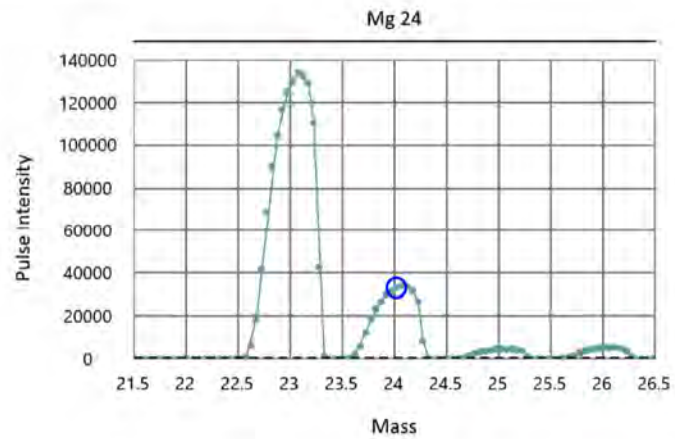
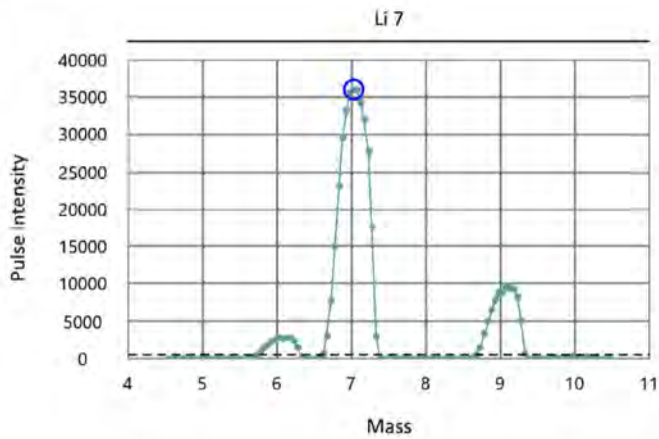
Target/Obtained mass (207.977/208.025), Target/Obtained resolution (0.7/0.720)

Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.714)

Acq. Date/Time: 1/4/2022 9:25:30 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1325	2022	0.697	
Mg	23.985	24.025	4716	2023	0.704	
In	114.904	114.925	22856	2041	0.682	
Pb	207.977	208.025	41423	2060	0.720	
U	238.05	238.075	47423	2067	0.714	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/5/2022 8:39:56 AM

End Time: 1/5/2022 8:42:16 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 11478.68

Obtained Intensity (Mg 24): 44044.07

Obtained Intensity (In 115): 75889.36

Obtained Intensity (U 238): 65007.79

Obtained Intensity (Bkgd 220): 0.13

Obtained Formula (CeO 156 / Ce 140): 0.022 (=1574.62 / 73230.96)

Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=848.49 / 73230.96)

Obtained RSD (Be 9): 0.0142

Obtained RSD (Mg 24): 0.0140

Obtained RSD (In 115): 0.0187

Obtained RSD (U 238): 0.0125

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/5/2022 8:39:56 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 11478.68
Obtained Intensity (Mg 24): 44044.07
Obtained Intensity (In 115): 75889.36
Obtained Intensity (U 238): 65007.79
Obtained Intensity (Bkgd 220): 0.13
Obtained Formula (CeO 156 / Ce 140): 0.022 (=1574.62 / 73230.96)
Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=848.49 / 73230.96)
Obtained RSD (Be 9): 0.0142
Obtained RSD (Mg 24): 0.0140
Obtained RSD (In 115): 0.0187
Obtained RSD (U 238): 0.0125

[Passed] Optimum value(s): N/A

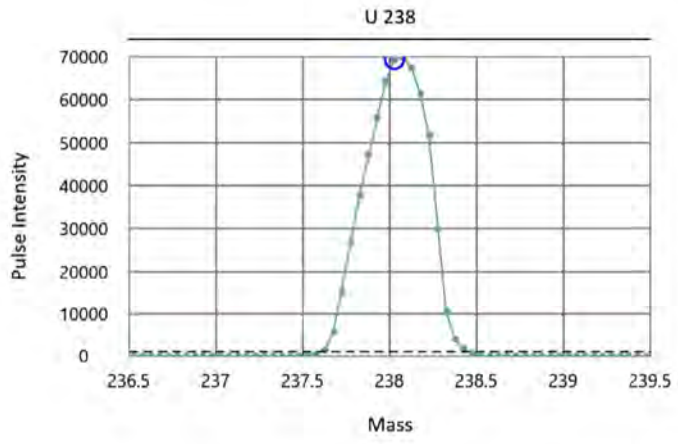
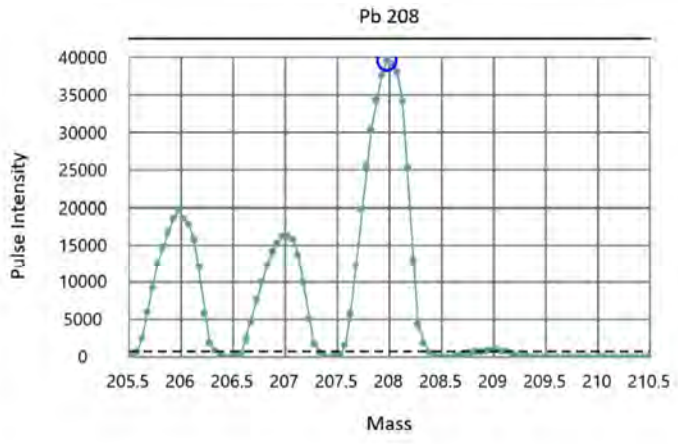
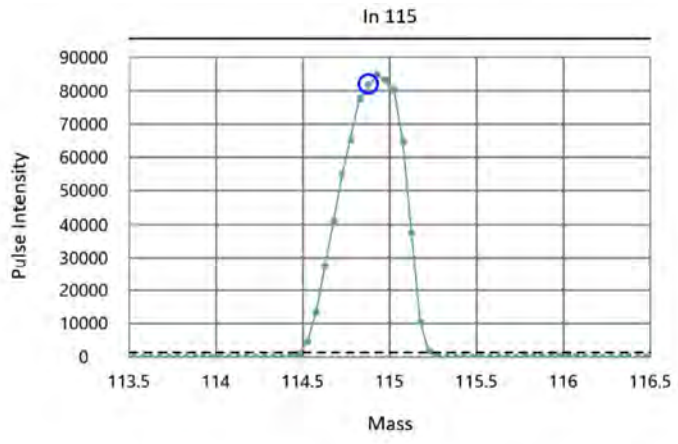
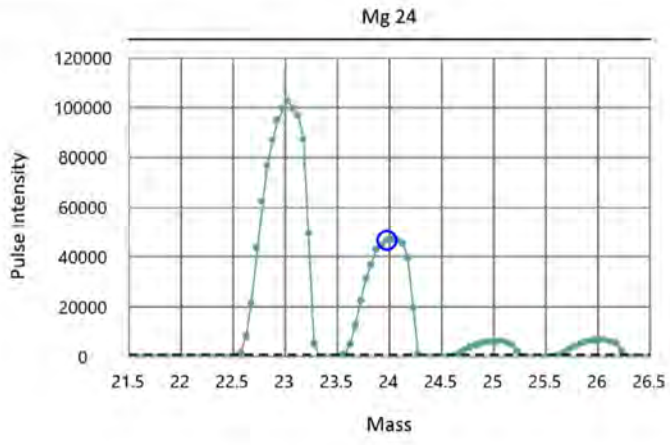
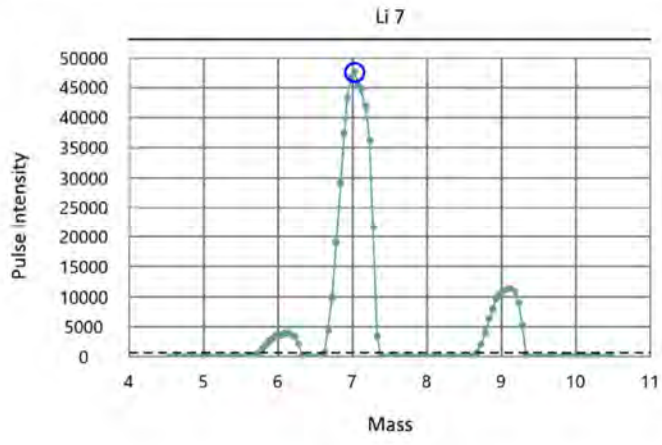
End Time: 1/5/2022 8:42:16 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.694)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.687)
 Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.694)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.742)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.738)

Acq. Date/Time: 1/5/2022 8:28:51 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1326	2022	0.694	
Mg	23.985	23.975	4714	2023	0.687	
In	114.904	114.875	22850	2041	0.694	
Pb	207.977	207.975	41422	2060	0.742	
U	238.05	238.025	47418	2067	0.738	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/6/2022 8:20:15 AM

End Time: 1/6/2022 8:22:35 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 11048.67

Obtained Intensity (Mg 24): 47864.41

Obtained Intensity (In 115): 78221.83

Obtained Intensity (U 238): 64046.81

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.022 (=1618.03 / 74126.98)

Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=834.36 / 74126.98)

Obtained RSD (Be 9): 0.0191

Obtained RSD (Mg 24): 0.0205

Obtained RSD (In 115): 0.0191

Obtained RSD (U 238): 0.0165

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/6/2022 8:20:15 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 11048.67
Obtained Intensity (Mg 24): 47864.41
Obtained Intensity (In 115): 78221.83
Obtained Intensity (U 238): 64046.81
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.022 (=1618.03 / 74126.98)
Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=834.36 / 74126.98)
Obtained RSD (Be 9): 0.0191
Obtained RSD (Mg 24): 0.0205
Obtained RSD (In 115): 0.0191
Obtained RSD (U 238): 0.0165

[Passed] Optimum value(s): N/A

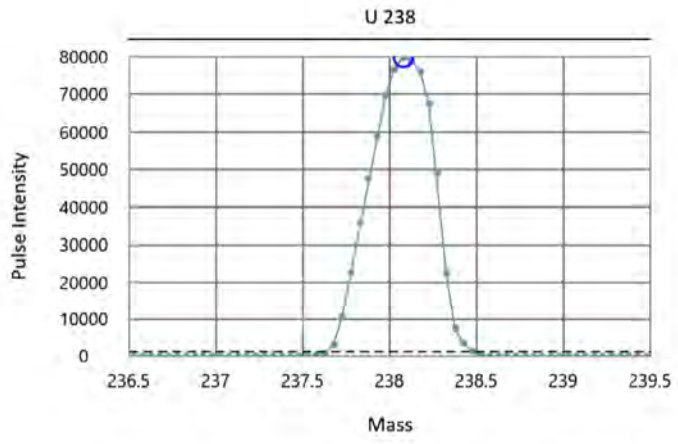
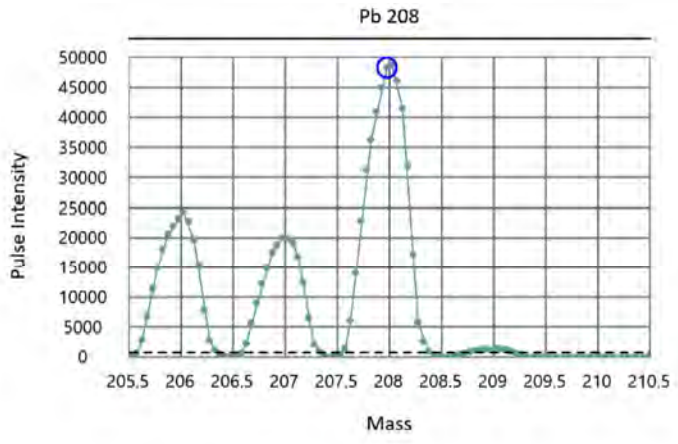
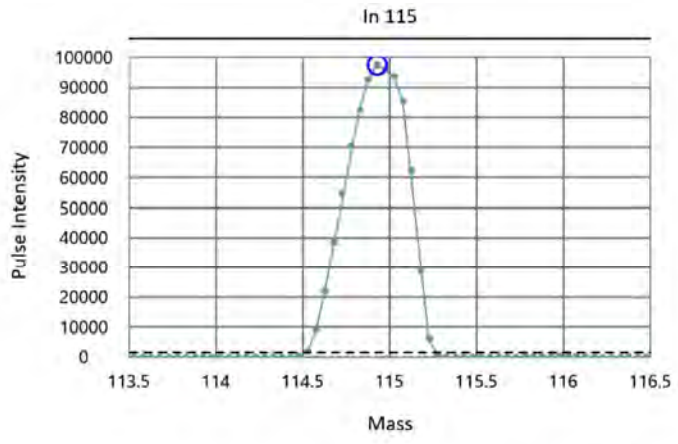
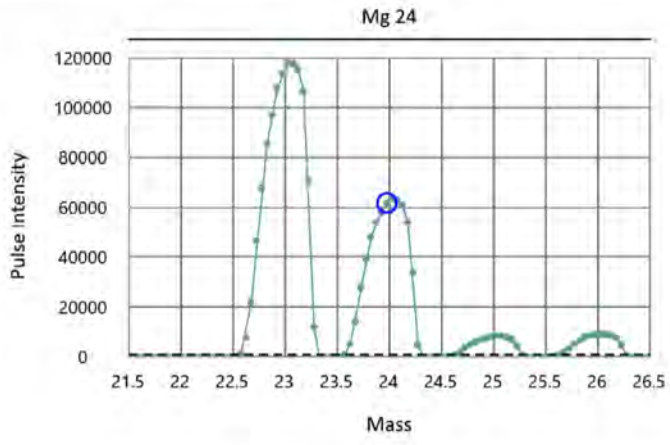
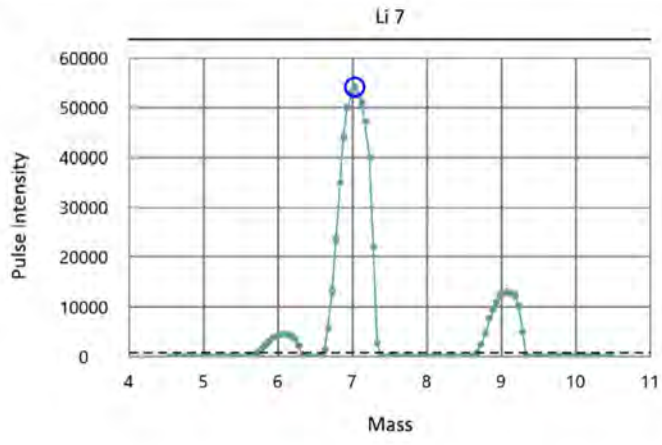
End Time: 1/6/2022 8:22:35 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.689)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.696)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.691)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.745)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.737)

Acq. Date/Time: 1/6/2022 8:07:37 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1327	2022	0.689	
Mg	23.985	23.975	4712	2023	0.696	
In	114.904	114.925	22854	2041	0.691	
Pb	207.977	207.975	41421	2060	0.745	
U	238.05	238.075	47422	2067	0.737	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/7/2022 8:43:13 AM

End Time: 1/7/2022 8:45:33 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 9927.25

Obtained Intensity (Mg 24): 38231.70

Obtained Intensity (In 115): 69719.54

Obtained Intensity (U 238): 59854.60

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.020 (=1423.54 / 71362.48)

Obtained Formula (Ce++ 70 / Ce 140): 0.009 (=668.82 / 71362.48)

Obtained RSD (Be 9): 0.0097

Obtained RSD (Mg 24): 0.0171

Obtained RSD (In 115): 0.0132

Obtained RSD (U 238): 0.0060

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/7/2022 8:43:13 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 9927.25
Obtained Intensity (Mg 24): 38231.70
Obtained Intensity (In 115): 69719.54
Obtained Intensity (U 238): 59854.60
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.020 (=1423.54 / 71362.48)
Obtained Formula (Ce++ 70 / Ce 140): 0.009 (=668.82 / 71362.48)
Obtained RSD (Be 9): 0.0097
Obtained RSD (Mg 24): 0.0171
Obtained RSD (In 115): 0.0132
Obtained RSD (U 238): 0.0060

[Passed] Optimum value(s): N/A

End Time: 1/7/2022 8:45:33 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A

Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.684)

Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.702)

Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.684)

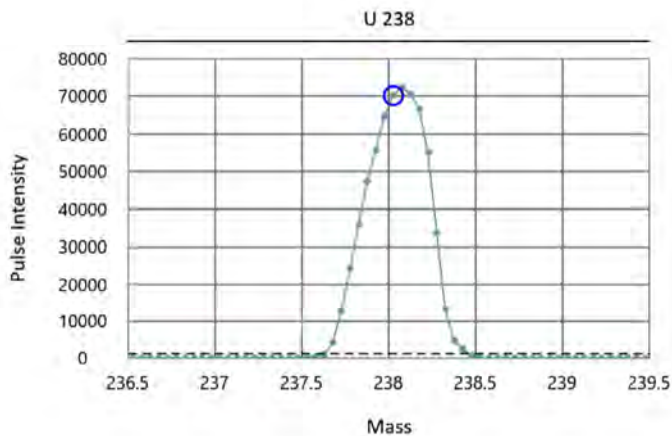
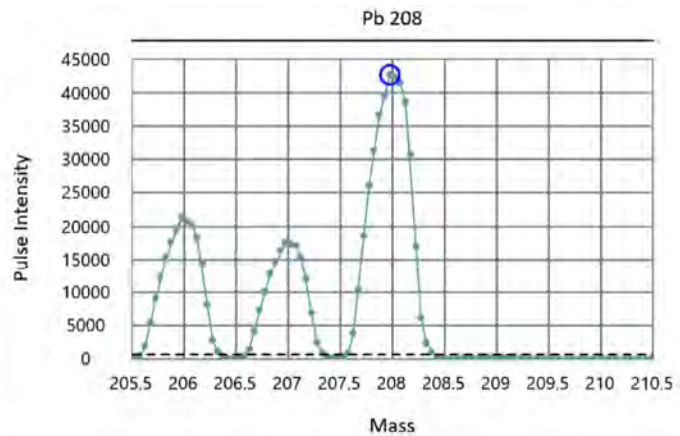
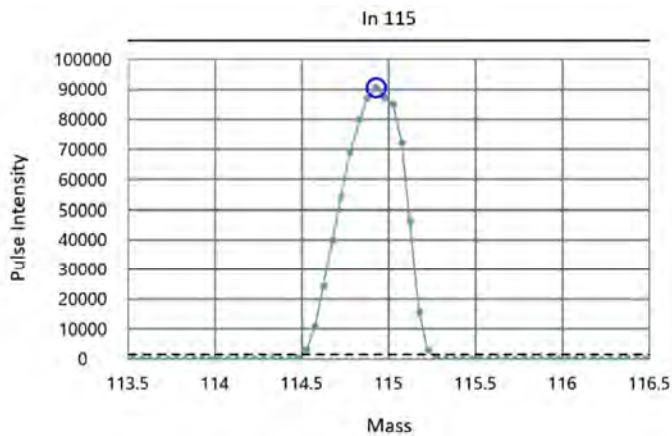
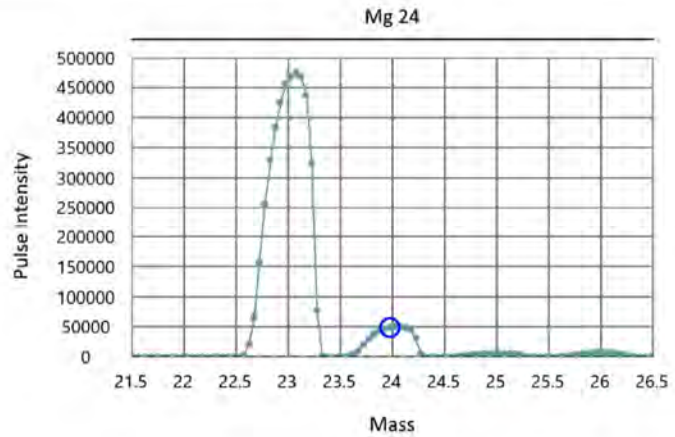
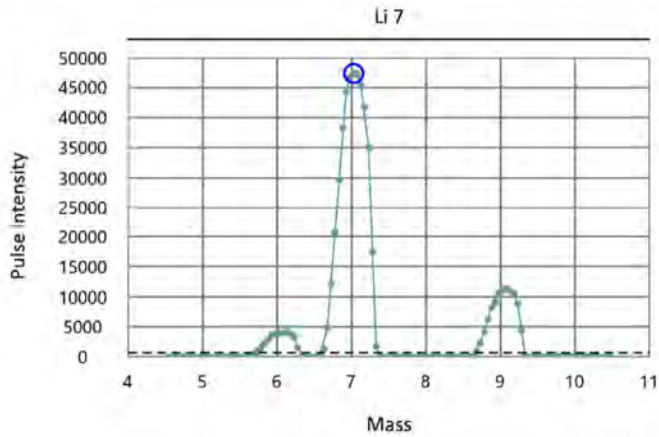
Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.740)

Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.737)

Acq. Date/Time: 1/7/2022 8:31:53 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1328	2022	0.684	
Mg	23.985	23.975	4710	2023	0.702	
In	114.904	114.925	22858	2041	0.684	
Pb	207.977	207.975	41420	2060	0.740	
U	238.05	238.025	47417	2067	0.737	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/10/2022 9:08:32 AM

End Time: 1/10/2022 9:10:51 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10085.29

Obtained Intensity (Mg 24): 34132.60

Obtained Intensity (In 115): 67269.75

Obtained Intensity (U 238): 56527.24

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.019 (=1300.46 / 67975.49)

Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=699.62 / 67975.49)

Obtained RSD (Be 9): 0.0115

Obtained RSD (Mg 24): 0.0074

Obtained RSD (In 115): 0.0039

Obtained RSD (U 238): 0.0153

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/10/2022 9:08:32 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10085.29
Obtained Intensity (Mg 24): 34132.60
Obtained Intensity (In 115): 67269.75
Obtained Intensity (U 238): 56527.24
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.019 (=1300.46 / 67975.49)
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=699.62 / 67975.49)
Obtained RSD (Be 9): 0.0115
Obtained RSD (Mg 24): 0.0074
Obtained RSD (In 115): 0.0039
Obtained RSD (U 238): 0.0153

[Passed] Optimum value(s): N/A

End Time: 1/10/2022 9:10:51 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A

Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.696)

Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.713)

Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.682)

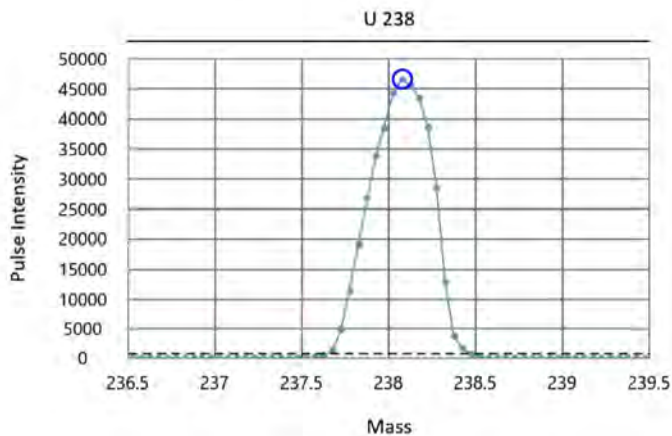
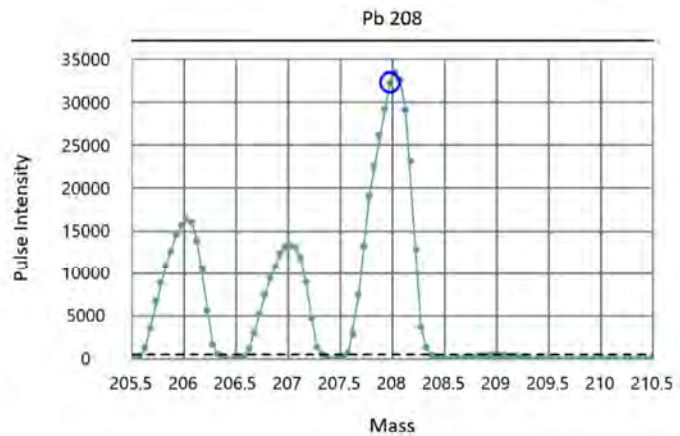
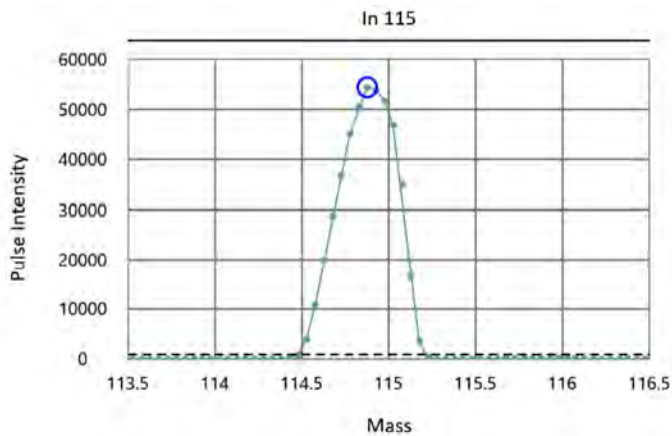
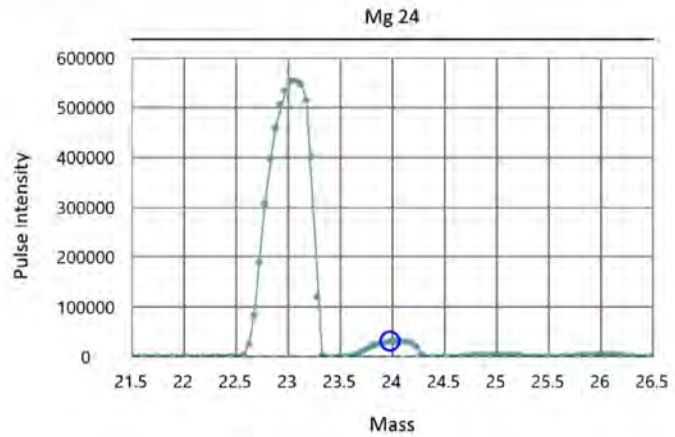
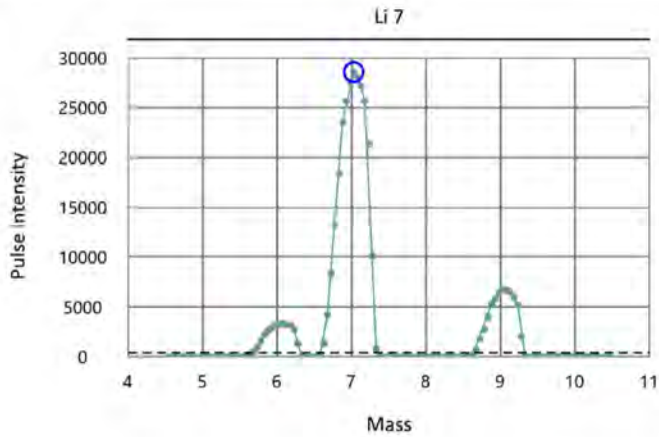
Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.723)

Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.719)

Acq. Date/Time: 1/10/2022 8:40:07 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1329	2022	0.696	
Mg	23.985	23.975	4708	2023	0.713	
In	114.904	114.875	22852	2041	0.682	
Pb	207.977	207.975	41419	2060	0.723	
U	238.05	238.075	47421	2067	0.719	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/11/2022 9:31:01 AM

End Time: 1/11/2022 9:33:21 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 11510.70

Obtained Intensity (Mg 24): 45616.20

Obtained Intensity (In 115): 75945.82

Obtained Intensity (U 238): 69024.96

Obtained Intensity (Bkgd 220): 0.20

Obtained Formula (CeO 156 / Ce 140): 0.020 (=1652.23 / 81150.65)

Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=786.42 / 81150.65)

Obtained RSD (Be 9): 0.0116

Obtained RSD (Mg 24): 0.0185

Obtained RSD (In 115): 0.0094

Obtained RSD (U 238): 0.0087

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/11/2022 9:31:01 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 11510.70
Obtained Intensity (Mg 24): 45616.20
Obtained Intensity (In 115): 75945.82
Obtained Intensity (U 238): 69024.96
Obtained Intensity (Bkgd 220): 0.20
Obtained Formula (CeO 156 / Ce 140): 0.020 (=1652.23 / 81150.65)
Obtained Formula (Ce++ 70 / Ce 140): 0.010 (=786.42 / 81150.65)
Obtained RSD (Be 9): 0.0116
Obtained RSD (Mg 24): 0.0185
Obtained RSD (In 115): 0.0094
Obtained RSD (U 238): 0.0087

[Passed] Optimum value(s): N/A

End Time: 1/11/2022 9:33:21 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A

Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.692)

Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.691)

Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.679)

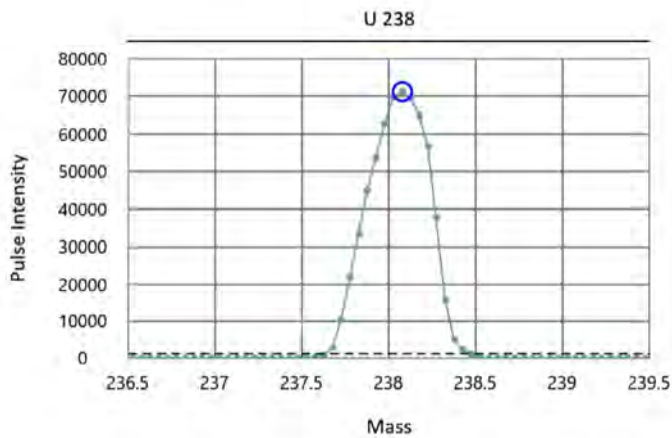
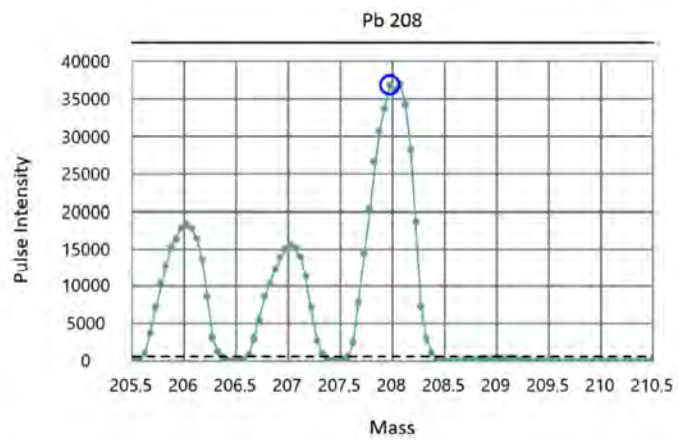
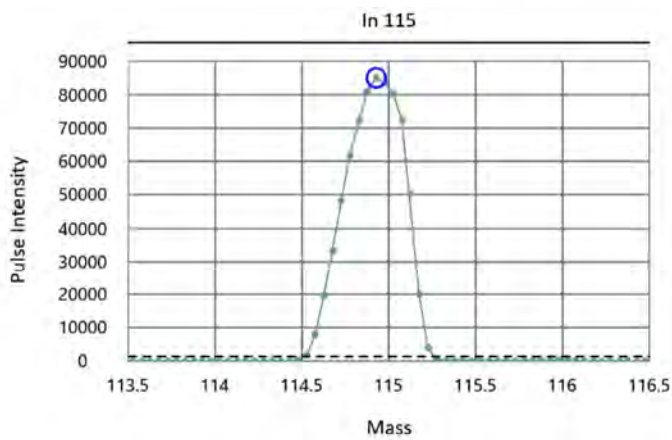
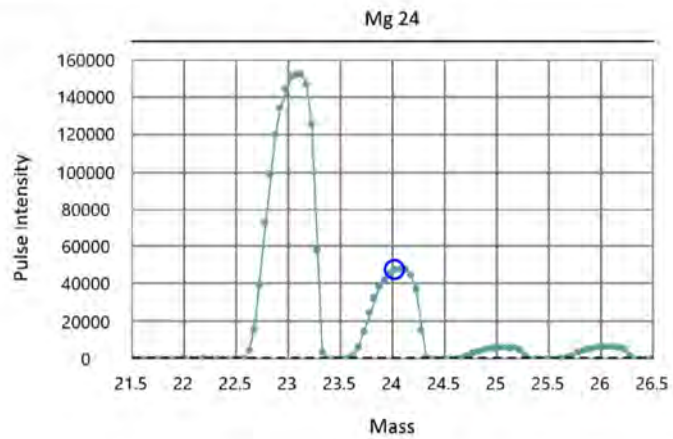
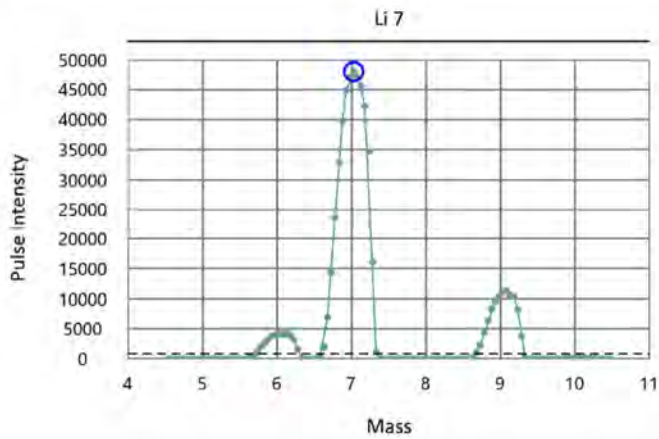
Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.746)

Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.723)

Acq. Date/Time: 1/11/2022 9:05:16 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1330	2022	0.692	
Mg	23.985	24.025	4715	2023	0.691	
In	114.904	114.925	22856	2041	0.679	
Pb	207.977	207.975	41418	2060	0.746	
U	238.05	238.075	47425	2067	0.723	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/20/2022 8:53:08 AM

End Time: 1/20/2022 8:55:30 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 12226.50

Obtained Intensity (Mg 24): 41741.97

Obtained Intensity (In 115): 82529.60

Obtained Intensity (U 238): 65156.25

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.022 (=1755.51 / 81537.97)

Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=952.23 / 81537.97)

Obtained RSD (Be 9): 0.0223

Obtained RSD (Mg 24): 0.0099

Obtained RSD (In 115): 0.0119

Obtained RSD (U 238): 0.0035

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/20/2022 8:53:08 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 12226.50
Obtained Intensity (Mg 24): 41741.97
Obtained Intensity (In 115): 82529.60
Obtained Intensity (U 238): 65156.25
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.022 (=1755.51 / 81537.97)
Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=952.23 / 81537.97)
Obtained RSD (Be 9): 0.0223
Obtained RSD (Mg 24): 0.0099
Obtained RSD (In 115): 0.0119
Obtained RSD (U 238): 0.0035

[Passed] Optimum value(s): N/A

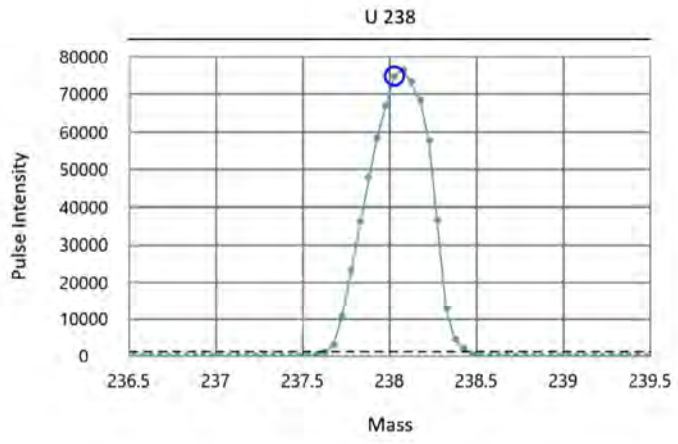
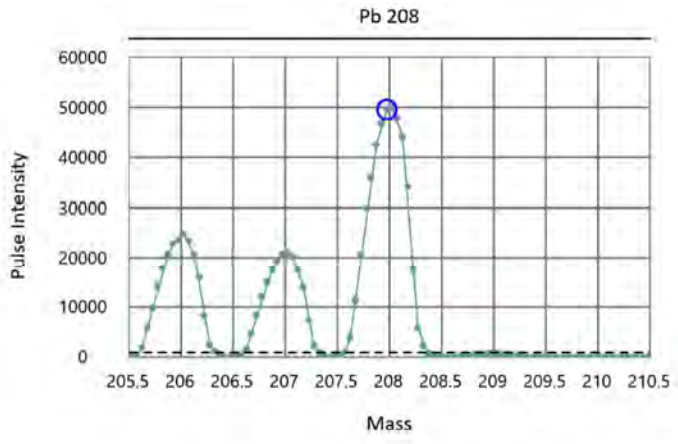
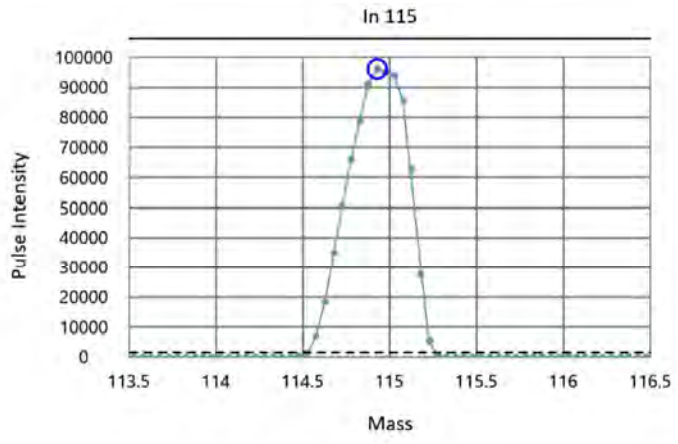
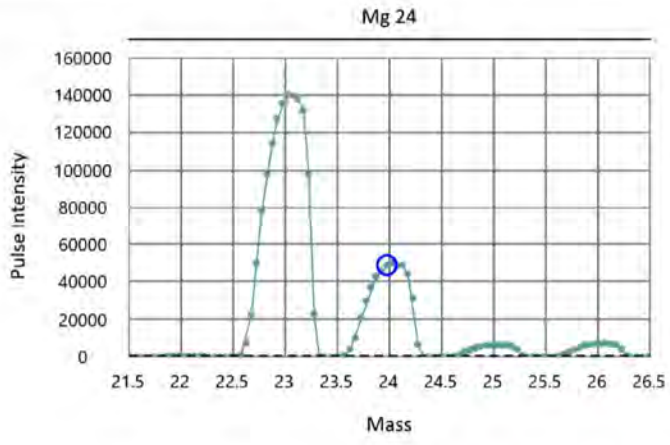
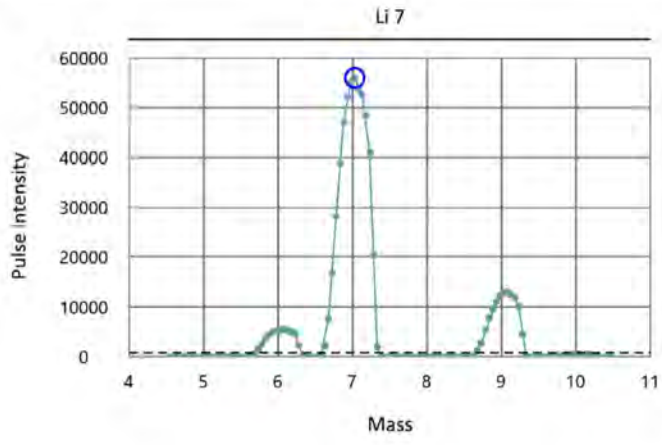
End Time: 1/20/2022 8:55:30 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.693)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.708)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.675)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.723)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.711)

Acq. Date/Time: 1/20/2022 8:40:18 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1328	2022	0.693	
Mg	23.985	23.975	4710	2023	0.708	
In	114.904	114.925	22854	2041	0.675	
Pb	207.977	207.975	41421	2060	0.723	
U	238.05	238.025	47417	2067	0.711	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 2/3/2022 8:56:49 AM

End Time: 2/3/2022 8:59:08 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 11374.53

Obtained Intensity (Mg 24): 49306.69

Obtained Intensity (In 115): 74529.04

Obtained Intensity (U 238): 78599.70

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.022 (=1686.43 / 76704.45)

Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=1036.64 / 76704.45)

Obtained RSD (Be 9): 0.0129

Obtained RSD (Mg 24): 0.0147

Obtained RSD (In 115): 0.0044

Obtained RSD (U 238): 0.0032

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 2/3/2022 8:56:49 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 11374.53
Obtained Intensity (Mg 24): 49306.69
Obtained Intensity (In 115): 74529.04
Obtained Intensity (U 238): 78599.70
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.022 (=1686.43 / 76704.45)
Obtained Formula (Ce++ 70 / Ce 140): 0.014 (=1036.64 / 76704.45)
Obtained RSD (Be 9): 0.0129
Obtained RSD (Mg 24): 0.0147
Obtained RSD (In 115): 0.0044
Obtained RSD (U 238): 0.0032

[Passed] Optimum value(s): N/A

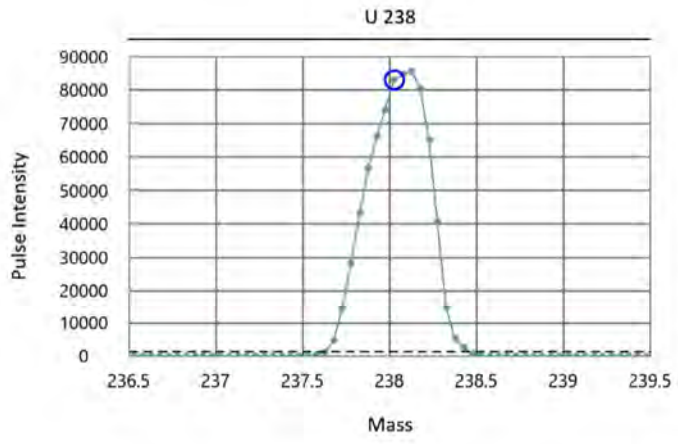
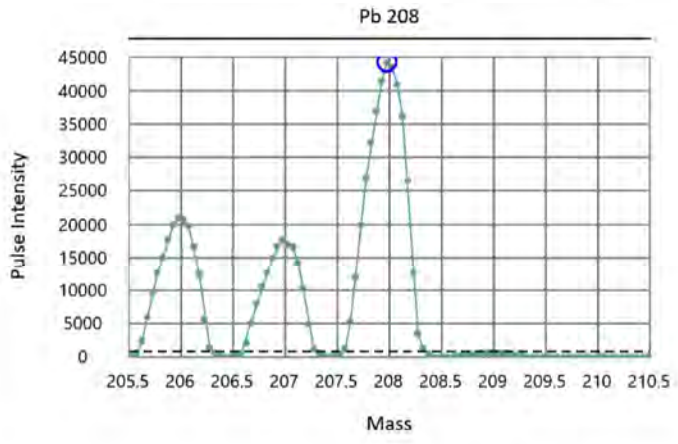
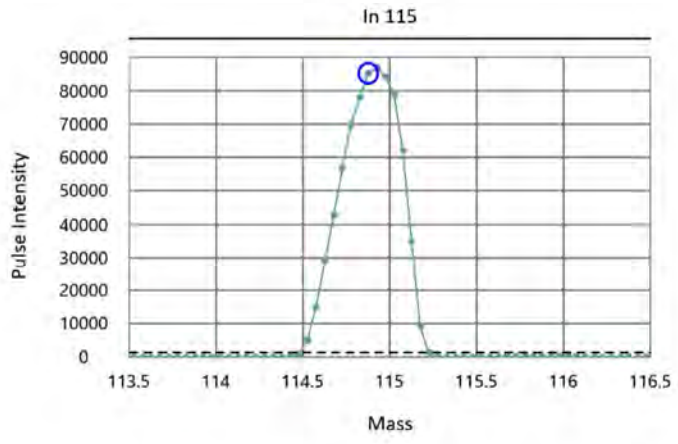
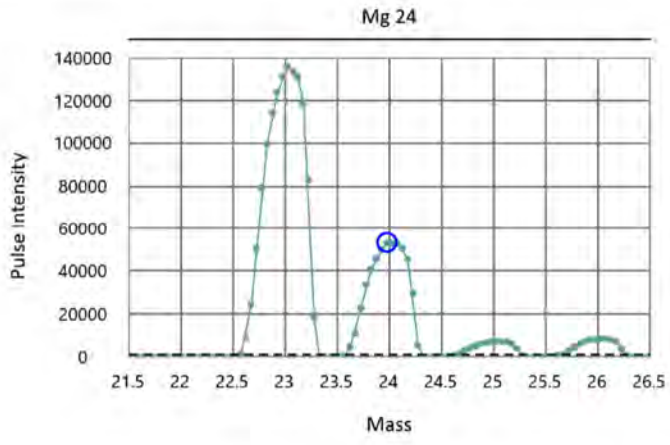
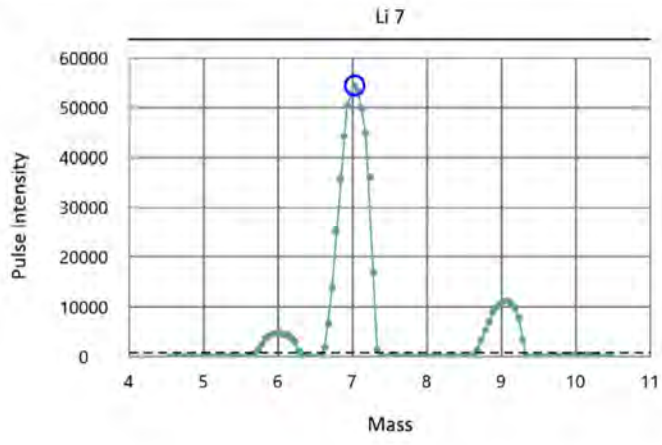
End Time: 2/3/2022 8:59:08 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.689)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.703)
 Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.691)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.718)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.728)

Acq. Date/Time: 2/3/2022 8:40:31 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1328	2022	0.689	
Mg	23.985	23.975	4710	2023	0.703	
In	114.904	114.875	22850	2041	0.691	
Pb	207.977	207.975	41422	2060	0.718	
U	238.05	238.025	47417	2067	0.728	





3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Shannon & Wilson

Meg Strong
400 N. 34th Street, Suite 100
Seattle, WA 98103

RE: 8801- Remediation
Work Order Number: 2112321

January 04, 2022

Attention Meg Strong:

Fremont Analytical, Inc. received 57 sample(s) on 12/17/2021 for the analyses presented in the following report.

Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Revision v2

www.fremontanalytical.com



CLIENT: Shannon & Wilson
Project: 8801- Remediation
Work Order: 2112321

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2112321-001	A4-SIDE88:1.5	12/17/2021 9:49 AM	12/17/2021 4:21 PM
2112321-002	A4-SIDE88:7	12/17/2021 9:53 AM	12/17/2021 4:21 PM
2112321-003	A4-SIDE211:1.5	12/17/2021 1:00 PM	12/17/2021 4:21 PM
2112321-004	A4-SIDE88:8	12/17/2021 9:54 AM	12/17/2021 4:21 PM
2112321-005	A4-SIDE88:9	12/17/2021 9:55 AM	12/17/2021 4:21 PM
2112321-006	A4-SIDE88:10	12/17/2021 10:00 AM	12/17/2021 4:21 PM
2112321-007	A4-SIDE88:11	12/17/2021 10:01 AM	12/17/2021 4:21 PM
2112321-008	A4-SIDE88:13	12/17/2021 10:06 AM	12/17/2021 4:21 PM
2112321-009	A4-SIDE88:14	12/17/2021 10:07 AM	12/17/2021 4:21 PM
2112321-010	A4-SIDE88:15	12/17/2021 10:08 AM	12/17/2021 4:21 PM
2112321-011	A4-SIDE89:2	12/17/2021 10:20 AM	12/17/2021 4:21 PM
2112321-012	A4-SIDE89:5	12/17/2021 10:23 AM	12/17/2021 4:21 PM
2112321-013	A4-SIDE212:2	12/17/2021 1:01 PM	12/17/2021 4:21 PM
2112321-014	A4-SIDE89:6	12/17/2021 10:24 AM	12/17/2021 4:21 PM
2112321-015	A4-SIDE89:10	12/17/2021 10:32 AM	12/17/2021 4:21 PM
2112321-016	A4-SIDE89:11	12/17/2021 10:37 AM	12/17/2021 4:21 PM
2112321-017	A4-SIDE89:12	12/17/2021 10:38 AM	12/17/2021 4:21 PM
2112321-018	A4-SIDE89:13	12/17/2021 10:39 AM	12/17/2021 4:21 PM
2112321-019	A4-SIDE89:14	12/17/2021 10:40 AM	12/17/2021 4:21 PM
2112321-020	A4-SIDE89:15	12/17/2021 10:41 AM	12/17/2021 4:21 PM
2112321-021	A4-SIDE90:2	12/17/2021 10:49 AM	12/17/2021 4:21 PM
2112321-022	A4-SIDE90:5	12/17/2021 10:52 AM	12/17/2021 4:21 PM
2112321-023	A4-SIDE91:2.5	12/17/2021 11:01 AM	12/17/2021 4:21 PM
2112321-024	A4-SIDE213:2.5	12/17/2021 1:04 PM	12/17/2021 4:21 PM
2112321-025	A4-SIDE91:5	12/17/2021 11:04 AM	12/17/2021 4:21 PM
2112321-026	A4-SIDE91:6	12/17/2021 11:05 AM	12/17/2021 4:21 PM
2112321-027	A4-SIDE91:7	12/17/2021 11:06 AM	12/17/2021 4:21 PM
2112321-028	A4-SIDE91:10	12/17/2021 11:09 AM	12/17/2021 4:21 PM
2112321-029	A4-SIDE91:11	12/17/2021 11:10 AM	12/17/2021 4:21 PM
2112321-030	A4-SIDE91:12	12/17/2021 11:12 AM	12/17/2021 4:21 PM
2112321-031	A4-SIDE91:13	12/17/2021 11:13 AM	12/17/2021 4:21 PM
2112321-032	A4-SIDE92:1.5	12/17/2021 11:18 AM	12/17/2021 4:21 PM
2112321-033	A4-SIDE92:5	12/17/2021 11:22 AM	12/17/2021 4:21 PM
2112321-034	A4-SIDE92:6	12/17/2021 11:23 AM	12/17/2021 4:21 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson
Project: 8801- Remediation
Work Order: 2112321

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2112321-035	A4-SIDE92:7	12/17/2021 11:24 AM	12/17/2021 4:21 PM
2112321-036	A4-SIDE92:10	12/17/2021 11:27 AM	12/17/2021 4:21 PM
2112321-037	A4-SIDE92:11	12/17/2021 11:28 AM	12/17/2021 4:21 PM
2112321-038	A4-SIDE92:12	12/17/2021 11:29 AM	12/17/2021 4:21 PM
2112321-039	A4-SIDE92:13	12/17/2021 11:30 AM	12/17/2021 4:21 PM
2112321-040	A4-SIDE92:14	12/17/2021 11:31 AM	12/17/2021 4:21 PM
2112321-041	A4-SIDE93:2	12/17/2021 11:32 AM	12/17/2021 4:21 PM
2112321-042	A4-SIDE93:5	12/17/2021 11:34 AM	12/17/2021 4:21 PM
2112321-043	A4-SIDE94:1.5	12/17/2021 11:42 AM	12/17/2021 4:21 PM
2112321-044	A4-SIDE94:5	12/17/2021 11:45 AM	12/17/2021 4:21 PM
2112321-045	A4-SIDE94:6	12/17/2021 11:46 AM	12/17/2021 4:21 PM
2112321-046	A4-SIDE94:7	12/17/2021 11:47 AM	12/17/2021 4:21 PM
2112321-047	A4-SIDE214:1.5	12/17/2021 1:05 PM	12/17/2021 4:21 PM
2112321-048	A4-SIDE94:10	12/17/2021 11:50 AM	12/17/2021 4:21 PM
2112321-049	A4-SIDE94:11	12/17/2021 11:51 AM	12/17/2021 4:21 PM
2112321-050	A4-SIDE94:12	12/17/2021 11:52 AM	12/17/2021 4:21 PM
2112321-051	A4-SIDE94:13	12/17/2021 11:53 AM	12/17/2021 4:21 PM
2112321-052	A4-SIDE95:1.5	12/17/2021 11:56 AM	12/17/2021 4:21 PM
2112321-053	A4-SIDE95:5	12/17/2021 11:57 AM	12/17/2021 4:21 PM
2112321-054	A4-SIDE96:2	12/17/2021 12:02 PM	12/17/2021 4:21 PM
2112321-055	A4-SIDE96:5	12/17/2021 12:03 PM	12/17/2021 4:21 PM
2112321-056	A4-SIDE97:2	12/17/2021 12:08 PM	12/17/2021 4:21 PM
2112321-057	A4-SIDE97:5	12/17/2021 12:09 PM	12/17/2021 4:21 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson
Project: 8801- Remediation

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2112321-001A, 002A, 003A) required Acid Cleanup Procedure (Using Method No 3665A).

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2112321-001A, 002A, 003A) required Florisil Cleanup Procedure (Using Method No 3620C).

1/19/2022: Revision 2 includes level 2B data package.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2112321
Date Reported: 1/4/2022

Client: Shannon & Wilson
Project: 8801- Remediation
Lab ID: 2112321-001
Client Sample ID: A4-SIDE88:1.5

Collection Date: 12/17/2021 9:49:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910 Analyst: IH

Aroclor 1016	ND	0.0411	0.00662		mg/Kg-dry	1	12/30/21 17:50:35
Aroclor 1221	ND	0.0411	0.00662		mg/Kg-dry	1	12/30/21 17:50:35
Aroclor 1232	ND	0.0411	0.00662		mg/Kg-dry	1	12/30/21 17:50:35
Aroclor 1242	ND	0.0411	0.00662		mg/Kg-dry	1	12/30/21 17:50:35
Aroclor 1248	ND	0.0411	0.00816		mg/Kg-dry	1	12/30/21 17:50:35
Aroclor 1254	0.137	0.0411	0.00816		mg/Kg-dry	1	12/30/21 17:50:35
Aroclor 1260	ND	0.0411	0.00816		mg/Kg-dry	1	12/30/21 17:50:35
Aroclor 1262	ND	0.0411	0.00816		mg/Kg-dry	1	12/30/21 17:50:35
Aroclor 1268	ND	0.0411	0.00816		mg/Kg-dry	1	12/30/21 17:50:35
Total PCBs	0.137	0.0411	0.00816		mg/Kg-dry	1	12/30/21 17:50:35
Surr: Decachlorobiphenyl	121	25.9 - 167			%Rec	1	12/30/21 17:50:35
Surr: Tetrachloro-m-xylene	133	31.3 - 173			%Rec	1	12/30/21 17:50:35

Total Metals by EPA Method 6020B

Batch ID: 34921 Analyst: EH

Copper	1,130	9.14	1.71	D	mg/Kg-dry	10	01/04/22 12:27:48
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Sample Moisture (Percent Moisture)

Batch ID: R72276 Analyst: OK

Percent Moisture	13.2	0.500	0.100		wt%	1	12/30/21 9:48:04
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Client: Shannon & Wilson

Collection Date: 12/17/2021 9:53:00 AM

Project: 8801- Remediation

Lab ID: 2112321-002

Matrix: Soil

Client Sample ID: A4-SIDE88:7

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0435	0.00702		mg/Kg-dry	1	12/30/21 18:00:23
Aroclor 1221	ND	0.0435	0.00702		mg/Kg-dry	1	12/30/21 18:00:23
Aroclor 1232	ND	0.0435	0.00702		mg/Kg-dry	1	12/30/21 18:00:23
Aroclor 1242	ND	0.0435	0.00702		mg/Kg-dry	1	12/30/21 18:00:23
Aroclor 1248	ND	0.0435	0.00866		mg/Kg-dry	1	12/30/21 18:00:23
Aroclor 1254	0.448	0.0435	0.00866		mg/Kg-dry	1	12/30/21 18:00:23
Aroclor 1260	ND	0.0435	0.00866		mg/Kg-dry	1	12/30/21 18:00:23
Aroclor 1262	ND	0.0435	0.00866		mg/Kg-dry	1	12/30/21 18:00:23
Aroclor 1268	ND	0.0435	0.00866		mg/Kg-dry	1	12/30/21 18:00:23
Total PCBs	0.448	0.0435	0.00866		mg/Kg-dry	1	12/30/21 18:00:23
Surr: Decachlorobiphenyl	108	25.9 - 167			%Rec	1	12/30/21 18:00:23
Surr: Tetrachloro-m-xylene	131	31.3 - 173			%Rec	1	12/30/21 18:00:23

Total Metals by EPA Method 6020B

Batch ID: 34921

Analyst: EH

Copper	2,590	89.7	16.8	D	mg/Kg-dry	100	01/04/22 12:56:56
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	16.2	0.500	0.100		wt%	1	12/30/21 9:48:04
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Client: Shannon & Wilson

Collection Date: 12/17/2021 1:00:00 PM

Project: 8801- Remediation

Lab ID: 2112321-003

Matrix: Soil

Client Sample ID: A4-SIDE211:1.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34910

Analyst: IH

Aroclor 1016	ND	0.0390	0.00629		mg/Kg-dry	1	12/30/21 18:10:07
Aroclor 1221	ND	0.0390	0.00629		mg/Kg-dry	1	12/30/21 18:10:07
Aroclor 1232	ND	0.0390	0.00629		mg/Kg-dry	1	12/30/21 18:10:07
Aroclor 1242	ND	0.0390	0.00629		mg/Kg-dry	1	12/30/21 18:10:07
Aroclor 1248	ND	0.0390	0.00776		mg/Kg-dry	1	12/30/21 18:10:07
Aroclor 1254	0.101	0.0390	0.00776		mg/Kg-dry	1	12/30/21 18:10:07
Aroclor 1260	ND	0.0390	0.00776		mg/Kg-dry	1	12/30/21 18:10:07
Aroclor 1262	ND	0.0390	0.00776		mg/Kg-dry	1	12/30/21 18:10:07
Aroclor 1268	ND	0.0390	0.00776		mg/Kg-dry	1	12/30/21 18:10:07
Total PCBs	0.101	0.0390	0.00776		mg/Kg-dry	1	12/30/21 18:10:07
Surr: Decachlorobiphenyl	114	25.9 - 167			%Rec	1	12/30/21 18:10:07
Surr: Tetrachloro-m-xylene	123	31.3 - 173			%Rec	1	12/30/21 18:10:07

Total Metals by EPA Method 6020B

Batch ID: 34921

Analyst: EH

Copper	775	8.82	1.65	D	mg/Kg-dry	10	01/04/22 12:33:06
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Sample Moisture (Percent Moisture)

Batch ID: R72276

Analyst: OK

Percent Moisture	12.1	0.500	0.100		wt%	1	12/30/21 9:48:04
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Analytical Report

Work Order: 2112321
Date Reported: 1/4/2022

Client: Shannon & Wilson
Project: 8801- Remediation
Lab ID: 2112321-032
Client Sample ID: A4-SIDE92:1.5

Collection Date: 12/17/2021 11:18:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34832 Analyst: SB

Aroclor 1016	ND	0.0462	0.00745		mg/Kg-dry	1	12/21/21 20:30:11
Aroclor 1221	ND	0.0462	0.00745		mg/Kg-dry	1	12/21/21 20:30:11
Aroclor 1232	ND	0.0462	0.00745		mg/Kg-dry	1	12/21/21 20:30:11
Aroclor 1242	ND	0.0462	0.00745		mg/Kg-dry	1	12/21/21 20:30:11
Aroclor 1248	ND	0.0462	0.00919		mg/Kg-dry	1	12/21/21 20:30:11
Aroclor 1254	ND	0.0462	0.00919		mg/Kg-dry	1	12/21/21 20:30:11
Aroclor 1260	ND	0.0462	0.00919		mg/Kg-dry	1	12/21/21 20:30:11
Aroclor 1262	ND	0.0462	0.00919		mg/Kg-dry	1	12/21/21 20:30:11
Aroclor 1268	ND	0.0462	0.00919		mg/Kg-dry	1	12/21/21 20:30:11
Total PCBs	ND	0.0462	0.00919		mg/Kg-dry	1	12/21/21 20:30:11
Surr: Decachlorobiphenyl	68.1	25.9 - 167			%Rec	1	12/21/21 20:30:11
Surr: Tetrachloro-m-xylene	80.4	31.3 - 173			%Rec	1	12/21/21 20:30:11

Total Metals by EPA Method 6020B

Batch ID: 34838 Analyst: EH

Copper	18.3	9.86	1.84		D mg/Kg-dry	10	12/23/21 9:29:40
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Sample Moisture (Percent Moisture)

Batch ID: R72147 Analyst: cb

Percent Moisture	18.0	0.500	0.100		wt%	1	12/22/21 9:39:41
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Analytical Report

Work Order: 2112321
Date Reported: 1/4/2022

Client: Shannon & Wilson
Project: 8801- Remediation
Lab ID: 2112321-033
Client Sample ID: A4-SIDE92:5

Collection Date: 12/17/2021 11:22:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 34832 Analyst: SB

Aroclor 1016	ND	0.0449	0.00724		mg/Kg-dry	1	12/21/21 20:39:55
Aroclor 1221	ND	0.0449	0.00724		mg/Kg-dry	1	12/21/21 20:39:55
Aroclor 1232	ND	0.0449	0.00724		mg/Kg-dry	1	12/21/21 20:39:55
Aroclor 1242	ND	0.0449	0.00724		mg/Kg-dry	1	12/21/21 20:39:55
Aroclor 1248	ND	0.0449	0.00892		mg/Kg-dry	1	12/21/21 20:39:55
Aroclor 1254	ND	0.0449	0.00892		mg/Kg-dry	1	12/21/21 20:39:55
Aroclor 1260	ND	0.0449	0.00892		mg/Kg-dry	1	12/21/21 20:39:55
Aroclor 1262	ND	0.0449	0.00892		mg/Kg-dry	1	12/21/21 20:39:55
Aroclor 1268	ND	0.0449	0.00892		mg/Kg-dry	1	12/21/21 20:39:55
Total PCBs	ND	0.0449	0.00892		mg/Kg-dry	1	12/21/21 20:39:55
Surr: Decachlorobiphenyl	55.4	25.9 - 167			%Rec	1	12/21/21 20:39:55
Surr: Tetrachloro-m-xylene	66.3	31.3 - 173			%Rec	1	12/21/21 20:39:55

Total Metals by EPA Method 6020B

Batch ID: 34838 Analyst: EH

Copper	148	9.79	1.83		D mg/Kg-dry	10	12/23/21 9:30:50
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Sample Moisture (Percent Moisture)

Batch ID: R72147 Analyst: cb

Percent Moisture	18.4	0.500	0.100		wt%	1	12/22/21 9:39:41
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Work Order: 2112321
CLIENT: Shannon & Wilson
Project: 8801- Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-34838	SampType: ICB	Units: µg/L	Prep Date: 12/23/2021	RunNo: 72173							
Client ID: ICB	Batch ID: 34838	Analysis Date: 12/23/2021	SeqNo: 1473179								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-34838	SampType: ICV	Units: µg/L	Prep Date: 12/23/2021	RunNo: 72173							
Client ID: ICV	Batch ID: 34838	Analysis Date: 12/23/2021	SeqNo: 1473180								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	98.9	10.0	100.0	0	98.9	90	110				

Sample ID: MB-34838	SampType: MBLK	Units: mg/Kg	Prep Date: 12/22/2021	RunNo: 72173							
Client ID: MBLKS	Batch ID: 34838	Analysis Date: 12/23/2021	SeqNo: 1473184								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	0.781									

Sample ID: LCS-34838	SampType: LCS	Units: mg/Kg	Prep Date: 12/22/2021	RunNo: 72173							
Client ID: LCSS	Batch ID: 34838	Analysis Date: 12/23/2021	SeqNo: 1473185								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	37.3	0.752	37.59	0	99.4	80	120				

Sample ID: 2112242-085AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/22/2021	RunNo: 72173							
Client ID: BATCH	Batch ID: 34838	Analysis Date: 12/23/2021	SeqNo: 1473188								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	189	9.63	481.7	207.8	-3.98	75	125				SD

NOTES:
S - Analyte concentration was too high for accurate spike recovery(ies).

Work Order: 2112321
 CLIENT: Shannon & Wilson
 Project: 8801- Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-085AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/22/2021	RunNo: 72173							
Client ID: BATCH	Batch ID: 34838	Analysis Date: 12/23/2021	SeqNo: 1473189								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	200	10.0	500.5	207.8	-1.52	75	125	188.7	5.95	20	SD
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NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-085APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 12/22/2021	RunNo: 72173							
Client ID: BATCH	Batch ID: 34838	Analysis Date: 12/23/2021	SeqNo: 1473190								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	676	9.78	489	208	95.8	75	125				D
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Sample ID: CCV-34838A	SampType: CCV	Units: µg/L	Prep Date: 12/23/2021	RunNo: 72173							
Client ID: CCV	Batch ID: 34838	Analysis Date: 12/23/2021	SeqNo: 1473194								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	97.5	10.0	100.0	0	97.5	90	110				
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Sample ID: CCB-34838A	SampType: CCB	Units: µg/L	Prep Date: 12/23/2021	RunNo: 72173							
Client ID: CCB	Batch ID: 34838	Analysis Date: 12/23/2021	SeqNo: 1473195								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Sample ID: CCV-34838B	SampType: CCV	Units: µg/L	Prep Date: 12/23/2021	RunNo: 72173							
Client ID: CCV	Batch ID: 34838	Analysis Date: 12/23/2021	SeqNo: 1473199								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	102	10.0	100.0	0	102	90	110				
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Work Order: 2112321
CLIENT: Shannon & Wilson
Project: 8801- Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34838B	SampType: CCB	Units: µg/L	Prep Date: 12/23/2021	RunNo: 72173							
Client ID: CCB	Batch ID: 34838	Analysis Date: 12/23/2021	SeqNo: 1473200								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-34921	SampType: ICB	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: ICB	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477011								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-34921	SampType: ICV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: ICV	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477012								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 99.4 10.0 100.0 0 99.4 90 110

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477016								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 110 10.0 100.0 0 110 90 110 S

NOTES:

S - Outlying apike recovery(ies) observed (110.24%). Two subsequent CCVs were run with passing recovery.

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477017								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Work Order: 2112321
CLIENT: Shannon & Wilson
Project: 8801- Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-34921A	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477018							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 105 10.0 100.0 0 105 90 110

Sample ID: CCB-34921A	SampType: CCB	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCB	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477019							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-34921	SampType: MBLK	Units: mg/Kg	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: MBLKS	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477020							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.746

Sample ID: LCS-34921	SampType: LCS	Units: mg/Kg	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: LCSS	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477021							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 37.3 0.752 37.59 0 99.3 80 120

Sample ID: 2112242-060AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: BATCH	Batch ID: 34921		Analysis Date: 1/4/2022	SeqNo: 1477024							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 1,240 0.958 47.88 924.9 654 75 125 SE

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Work Order: 2112321
CLIENT: Shannon & Wilson
Project: 8801- Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2112242-060AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: BATCH	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477025								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	1,410	0.958	47.88	924.9	1,020	75	125	1,238	13.2	20	SE

NOTES:

S - Analyte concentration was too high for accurate spike recovery(ies).

Sample ID: 2112242-060APDS	SampType: PDS	Units: mg/Kg-dry	Prep Date: 12/31/2021	RunNo: 72335							
Client ID: BATCH	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477026								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	970	0.942	47.1	925	95.6	75	125				E

Sample ID: CCV-34921B	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477029								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	107	10.0	100.0	0	107	90	110				

Sample ID: CCB-34921B	SampType: CCB	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCB	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477030								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-34921C	SampType: CCV	Units: µg/L	Prep Date: 1/4/2022	RunNo: 72335							
Client ID: CCV	Batch ID: 34921	Analysis Date: 1/4/2022	SeqNo: 1477038								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	99.9	10.0	100.0	0	99.9	90	110				

Work Order: 2112321
CLIENT: Shannon & Wilson
Project: 8801- Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-34921C		SampType: CCB		Units: µg/L		Prep Date: 1/4/2022		RunNo: 72335			
Client ID: CCB		Batch ID: 34921				Analysis Date: 1/4/2022		SeqNo: 1477039			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-34921D		SampType: CCV		Units: µg/L		Prep Date: 1/4/2022		RunNo: 72335			
Client ID: CCV		Batch ID: 34921				Analysis Date: 1/4/2022		SeqNo: 1477057			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	103	10.0	100.0	0	103	90	110				

Sample ID: CCB-34921D		SampType: CCB		Units: µg/L		Prep Date: 1/4/2022		RunNo: 72335			
Client ID: CCB		Batch ID: 34921				Analysis Date: 1/4/2022		SeqNo: 1477058			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Work Order: 2112321
CLIENT: Shannon & Wilson
Project: 8801- Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660 ICB	SampType: ICB	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 34910				
Client ID: ICB	Batch ID: R71394					Analysis Date: 11/17/2021	SeqNo: 1454001				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1260	ND	0.0500									
Surr: Decachlorobiphenyl	207		200.0		103	50.2	159				
Surr: Tetrachloro-m-xylene	214		200.0		107	60.3	134				

Sample ID: 1660 ICV	SampType: ICV	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 34910				
Client ID: ICV	Batch ID: R71394					Analysis Date: 11/17/2021	SeqNo: 1454002				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.01	0.0500	1.000	0	101	80	120				
Aroclor 1260	0.991	0.0500	1.000	0	99.1	80	120				
Surr: Decachlorobiphenyl	196		200.0		98.1	30.2	155				
Surr: Tetrachloro-m-xylene	212		200.0		106	58.8	143				

Sample ID: 1254 ICB	SampType: ICB	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 34910				
Client ID: ICB	Batch ID: R71394					Analysis Date: 11/17/2021	SeqNo: 1454011				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	ND	0.0500									
Surr: Decachlorobiphenyl	195		200.0		97.3	50.2	159				
Surr: Tetrachloro-m-xylene	197		200.0		98.7	60.3	134				

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg				Prep Date: 11/17/2021	RunNo: 34910				
Client ID: ICV	Batch ID: R71394					Analysis Date: 11/17/2021	SeqNo: 1454012				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.05	0.0500	1.000	0	105	80	120				
Surr: Decachlorobiphenyl	196		200.0		98.0	30.2	155				
Surr: Tetrachloro-m-xylene	202		200.0		101	58.8	143				

Work Order: 2112321
CLIENT: Shannon & Wilson
Project: 8801- Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg	Prep Date: 11/17/2021	RunNo: 34910							
Client ID: ICV	Batch ID: R71394		Analysis Date: 11/17/2021	SeqNo: 1454012							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1660-CCV-34832A	SampType: CCV	Units: mg/Kg	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: CCV	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472671							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.24	0.0500	1.000	0	124	80	120				S
Aroclor 1260	1.21	0.0500	1.000	0	121	80	120				S
Surr: Decachlorobiphenyl	242		200.0		121	30.2	155				
Surr: Tetrachloro-m-xylene	266		200.0		133	58.8	143				

NOTES:

S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; result meets QC requirements.

Sample ID: 1254-CCV-34832A	SampType: CCV	Units: mg/Kg	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: CCV	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472672							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.11	0.0500	1.000	0	111	80	120				
Surr: Decachlorobiphenyl	200		200.0		100	30.2	155				
Surr: Tetrachloro-m-xylene	234		200.0		117	58.8	143				

Sample ID: MB-34832	SampType: MBLK	Units: mg/Kg	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: MBLKS	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472673							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									

Work Order: 2112321
CLIENT: Shannon & Wilson
Project: 8801- Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34832	SampType: MBLK	Units: mg/Kg	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: MBLKS	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472673							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	221		200.0		110	25.9	167				
Surr: Tetrachloro-m-xylene	239		200.0		120	31.3	173				

Sample ID: LCS1-34832	SampType: LCS	Units: mg/Kg	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: LCSS	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472674							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.20	0.0500	1.000	0	120	54.1	142				
Aroclor 1260	1.16	0.0500	1.000	0	116	51.7	152				
Surr: Decachlorobiphenyl	212		200.0		106	25.9	167				
Surr: Tetrachloro-m-xylene	235		200.0		117	31.3	173				

Sample ID: LCS2-34832	SampType: LCS	Units: mg/Kg	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: LCSS	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472675							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.09	0.0500	1.000	0	109	55.9	156				
Surr: Decachlorobiphenyl	213		200.0		107	25.9	167				
Surr: Tetrachloro-m-xylene	232		200.0		116	31.3	173				

Sample ID: 2112242-084AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: BATCH	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472677							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.614	0.0478	0.9566	0	64.2	26.5	166				

Work Order: 2112321
CLIENT: Shannon & Wilson
Project: 8801- Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112242-084AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: BATCH	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472677							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1260	0.569	0.0478	0.9566	0	59.5	29.2	168				
Surr: Decachlorobiphenyl	102		191.3		53.6	25.9	167				
Surr: Tetrachloro-m-xylene	114		191.3		59.4	31.3	173				

Sample ID: 2112242-084AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: BATCH	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472678							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.02	0.0476	0.9520	0	107	26.5	166	0.6138	49.9	30	R
Aroclor 1260	0.918	0.0476	0.9520	0	96.4	29.2	168	0.5689	46.9	30	R
Surr: Decachlorobiphenyl	160		190.4		84.3	25.9	167		0		
Surr: Tetrachloro-m-xylene	191		190.4		100	31.3	173		0		

NOTES:
R - High RPD observed, spike recovery is within range.

Sample ID: 1660-CCV-34832B	SampType: CCV	Units: mg/Kg	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: CCV	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472685							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.19	0.0500	1.000	0	119	80	120				
Aroclor 1260	1.16	0.0500	1.000	0	116	80	120				
Surr: Decachlorobiphenyl	224		200.0		112	30.2	155				
Surr: Tetrachloro-m-xylene	250		200.0		125	58.8	143				

Sample ID: 1254-CCV-34832B	SampType: CCV	Units: mg/Kg	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: CCV	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472686							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.08	0.0500	1.000	0	108	80	120				
Surr: Decachlorobiphenyl	193		200.0		96.3	30.2	155				

Work Order: 2112321
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34832B	SampType: CCV	Units: mg/Kg	Prep Date: 12/21/2021	RunNo: 72160							
Client ID: CCV	Batch ID: 34832		Analysis Date: 12/21/2021	SeqNo: 1472686							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Tetrachloro-m-xylene 227 200.0 113 58.8 143

Sample ID: 1660-CCV-34910A	SampType: CCV	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: CCV	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476451							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 0.918 0.0500 1.000 0 91.8 80 120
Aroclor 1260 0.876 0.0500 1.000 0 87.6 80 120
 Surr: Decachlorobiphenyl 259 200.0 130 30.2 155
 Surr: Tetrachloro-m-xylene 220 200.0 110 58.8 143

Sample ID: 1254-CCV-34910A	SampType: CCV	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: CCV	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476452							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254 1.07 0.0500 1.000 0 107 80 120
 Surr: Decachlorobiphenyl 236 200.0 118 30.2 155
 Surr: Tetrachloro-m-xylene 203 200.0 101 58.8 143

Sample ID: MB-34910	SampType: MBLK	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: MBLKS	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476453							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016 ND 0.0500
Aroclor 1221 ND 0.0500
Aroclor 1232 ND 0.0500
Aroclor 1242 ND 0.0500
Aroclor 1248 ND 0.0500
Aroclor 1254 ND 0.0500

Work Order: 2112321
 CLIENT: Shannon & Wilson
 Project: 8801- Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-34910	SampType: MBLK	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: MBLKS	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476453							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	251		200.0		125	25.9	167				
Surr: Tetrachloro-m-xylene	245		200.0		123	31.3	173				

Sample ID: LCS1-34910	SampType: LCS	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: LCSS	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476454							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.24	0.0500	1.000	0	124	54.1	142				
Aroclor 1260	1.26	0.0500	1.000	0	126	51.7	152				
Surr: Decachlorobiphenyl	261		200.0		130	25.9	167				
Surr: Tetrachloro-m-xylene	261		200.0		131	31.3	173				

Sample ID: LCS2-34910	SampType: LCS	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: LCSS	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476455							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.12	0.0500	1.000	0	112	55.9	156				
Surr: Decachlorobiphenyl	248		200.0		124	25.9	167				
Surr: Tetrachloro-m-xylene	263		200.0		132	31.3	173				

Sample ID: 2112277-019AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: BATCH	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476457							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.968	0.0435	0.8690	0	111	26.5	166				

Work Order: 2112321
CLIENT: Shannon & Wilson
Project: 8801- Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2112277-019AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: BATCH	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476457							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1260	1.35	0.0435	0.8690	0	155	29.2	168				
Surr: Decachlorobiphenyl	222		173.8		128	25.9	167				
Surr: Tetrachloro-m-xylene	233		173.8		134	31.3	173				

Sample ID: 2112277-019AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: BATCH	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476458							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.05	0.0436	0.8724	0	121	26.5	166	0.9680	8.30	30	
Aroclor 1260	1.11	0.0436	0.8724	0	127	29.2	168	1.345	19.2	30	
Surr: Decachlorobiphenyl	216		174.5		124	25.9	167		0		
Surr: Tetrachloro-m-xylene	213		174.5		122	31.3	173		0		

Sample ID: 1660-CCV-34910B	SampType: CCV	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: CCV	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476472							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.14	0.0500	1.000	0	114	80	120				
Aroclor 1260	1.14	0.0500	1.000	0	114	80	120				
Surr: Decachlorobiphenyl	233		200.0		117	30.2	155				
Surr: Tetrachloro-m-xylene	279		200.0		140	58.8	143				

Sample ID: 1254-CCV-34910B	SampType: CCV	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: CCV	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476473							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	1.13	0.0500	1.000	0	113	80	120				
Surr: Decachlorobiphenyl	236		200.0		118	30.2	155				
Surr: Tetrachloro-m-xylene	261		200.0		131	58.8	143				

Work Order: 2112321
CLIENT: Shannon & Wilson
Project: 8801- Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-34910B	SampType: CCV	Units: mg/Kg	Prep Date: 12/30/2021	RunNo: 72303							
Client ID: CCV	Batch ID: 34910		Analysis Date: 12/30/2021	SeqNo: 1476473							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Client Name: SW	Work Order Number: 2112321
Logged by: Clare Griggs	Date Received: 12/17/2021 4:21:00 PM

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >2°C to 6°C * Yes No NA
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Sample	4.8

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



Fremont Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 12/17/2021 Page: 1 of 7

Project Name: 5801-Remediation

Project No: 21-1-12567-030

Collected by: BMV

Location: Tukwila WA

Report To (PM): Meg Strong

PM Email: M55@shannon-wilson.com

Laboratory Project No (Internal): 2112321

Special Remarks:

0 = Hold Analysis's

X = run per CTC, 2 Day, 12/21/21 -CG
X = run per MS, 2 Day, 12/30/21 -CG

Sample Disposal: Return to client Disposal by lab (after 30 days)

Client: Shannon & Wilson
Address: 400 N 34th St, Suite 100
City, State, Zip: Seattle, WA 98103
Telephone:
Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	Analytes												Comments
					VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCl)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	Metals** (EPA 8082 / 608)	Total (T) / Dissolved (D)	Anions (IC)**	EDB (8011)	Copper	
1 AU-S10E88-1.5	12/17	0949	S	1	X	X	X	X	X	X	X	X	X	X	X	X	
2 AU-S10E88-7		0953			X	X	X	X	X	X	X	X	X	X	X	X	
3 AU-S10E211-1.5		1300			X	X	X	X	X	X	X	X	X	X	X	X	
4 AU-S10E88-8		0954															
5 AU-S10E88-9		0955															
6 AU-S10E88-10		1003															
7 AU-S10E88-11		1001															
8 AU-S10E88-12		1002															
9 AU-S10E88-13		1006															
10 AU-S10E88-14		1007															

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sp Se Sr Sn Tl V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate/Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Turn-around Time:
 Standard Next Day
 3 Day Same Day
 2 Day (specify)

Relinquished (Signature) Date/Time 1/20/21
 Print Name Christian Carlick
 Date/Time 1/20/21

Received (Signature) Date/Time 12/17/21
 Print Name Oliver Kow
 Date/Time 12/17/21

DATA SET for Review -- Deliverable Requirements

Polychlorinated Biphenyls (PCB) by EPA 8082

Fremont Analytical Work Order No. 2112321

Shannon & Wilson

Project Name: 8801- Remediation

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information

Data Directory: D:\GC-16\Data\2021\111721\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 111701.D CO	8081_8082A_608.M	6	1.000	17 Nov 2021 09:26 am
2) 111702.D 1660 10	8081_8082A_608.M	11	1.000	17 Nov 2021 09:36 am
3) 111703.D 1660 20	8081_8082A_608.M	12	1.000	17 Nov 2021 09:45 am
4) 111704.D 1660 50	8081_8082A_608.M	13	1.000	17 Nov 2021 09:55 am
5) 111705.D 1660 100	8081_8082A_608.M	14	1.000	17 Nov 2021 10:05 am
6) 111706.D 1660 200	8081_8082A_608.M	15	1.000	17 Nov 2021 10:15 am
7) 111707.D 1660 500	8081_8082A_608.M	16	1.000	17 Nov 2021 10:24 am
8) 111708.D 1660 1000	8081_8082A_608.M	17	1.000	17 Nov 2021 10:34 am
9) 111709.D 1660 2000	8081_8082A_608.M	18	1.000	17 Nov 2021 10:44 am
10) 111710.D 1660 ICB	8081_8082A_608.M	19	1.000	17 Nov 2021 10:53 am
11) 111711.D 1660 ICV	8081_8082A_608.M	20	1.000	17 Nov 2021 11:03 am
12) 111712.D 1254 10	8081_8082A_608.M	21	1.000	17 Nov 2021 11:13 am
13) 111713.D 1254 20	8081_8082A_608.M	22	1.000	17 Nov 2021 11:22 am
14) 111714.D 1254 50	8081_8082A_608.M	23	1.000	17 Nov 2021 11:32 am
15) 111715.D 1254 100	8081_8082A_608.M	24	1.000	17 Nov 2021 11:42 am
16) 111716.D 1254 200	8081_8082A_608.M	25	1.000	17 Nov 2021 11:52 am
17) 111717.D 1254 500	8081_8082A_608.M	26	1.000	17 Nov 2021 12:01 pm
18) 111718.D 1254 1000	8081_8082A_608.M	27	1.000	17 Nov 2021 12:11 pm
19) 111719.D 1254 2000	8081_8082A_608.M	28	1.000	17 Nov 2021 12:21 pm
20) 111720.D 1254 ICB	8081_8082A_608.M	29	1.000	17 Nov 2021 12:30 pm
21) 111721.D 1254 ICV	8081_8082A_608.M	30	1.000	17 Nov 2021 12:40 pm

22)	111722.D	8081_8082A_608.M	31	1.000	17 Nov 2021	12:50	pm
23)	111723.D	8081_8082A_608.M	32	1.000	17 Nov 2021	01:00	pm
24)	111724.D	8081_8082A_608.M	33	1.000	17 Nov 2021	01:09	pm
25)	111725.D	8081_8082A_608.M	34	1.000	17 Nov 2021	01:19	pm
26)	111726.D	8081_8082A_608.M	35	1.000	17 Nov 2021	01:29	pm
27)	111727.D	8081_8082A_608.M	36	1.000	17 Nov 2021	01:39	pm
28)	111728.D	8081_8082A_608.M	37	1.000	17 Nov 2021	01:48	pm
29)	111729.D	8081_8082A_608.M	38	1.000	17 Nov 2021	01:58	pm
30)	111730.D	8081_8082A_608.M	39	1.000	17 Nov 2021	02:08	pm
31)	111731.D	8081_8082A_608.M	40	1.000	17 Nov 2021	02:17	pm
32)	111732.D	8081_8082A_608.M	6	1.000	17 Nov 2021	02:27	pm
33)	111733.D	8081_8082A_608.M	7	1.000	17 Nov 2021	02:37	pm
34)	111734.D	8081_8082A_608.M	8	1.000	17 Nov 2021	02:47	pm
35)	111735.D	8081_8082A_608.M	41	1.000	17 Nov 2021	02:56	pm
36)	111736.D	8081_8082A_608.M	42	1.000	17 Nov 2021	03:06	pm
37)	111737.D	8081_8082A_608.M	43	1.000	17 Nov 2021	03:16	pm
38)	111738.D	8081_8082A_608.M	44	1.000	17 Nov 2021	03:26	pm
39)	111739.D	8081_8082A_608.M	45	1.000	17 Nov 2021	03:35	pm
40)	111740.D	8081_8082A_608.M	46	1.000	17 Nov 2021	03:45	pm
41)	111741.D	8081_8082A_608.M	47	1.000	17 Nov 2021	03:55	pm
42)	111742.D	8081_8082A_608.M	48	1.000	17 Nov 2021	04:04	pm
43)	111743.D	8081_8082A_608.M	6	1.000	17 Nov 2021	04:14	pm
44)	111744.D	8081_8082A_608.M	7	1.000	17 Nov 2021	04:24	pm
45)	111745.D	8081_8082A_608.M					

1221-CCV		8	1.000	17 Nov 2021	04:34	pm
46) 111746.D	8081_8082A_608.M					
MB-34460		51	1.000	17 Nov 2021	04:43	pm
47) 111747.D	8081_8082A_608.M					
LC1-34460		52	1.000	17 Nov 2021	04:53	pm
48) 111748.D	8081_8082A_608.M					
LCS1D-34460		53	1.000	17 Nov 2021	05:03	pm
49) 111749.D	8081_8082A_608.M					
LCS2-34460		54	1.000	17 Nov 2021	05:12	pm
50) 111750.D	8081_8082A_608.M					
LCS-LL-34460		55	1.000	17 Nov 2021	05:22	pm
51) 111751.D	8081_8082A_608.M					
2111233-001A		56	1.000	17 Nov 2021	05:32	pm
52) 111752.D	8081_8082A_608.M					
2111234-001A		57	1.000	17 Nov 2021	05:42	pm
53) 111753.D	8081_8082A_608.M					
2111317-001A		58	1.000	17 Nov 2021	05:51	pm
54) 111754.D	8081_8082A_608.M					
2111318-001A		59	1.000	17 Nov 2021	06:01	pm
55) 111755.D	8081_8082A_608.M					
2111338-001D		60	1.000	17 Nov 2021	06:11	pm
56) 111756.D	8081_8082A_608.M					
2111339-001D		61	1.000	17 Nov 2021	06:20	pm
57) 111757.D	8081_8082A_608.M					
2111339-001DMS		62	1.000	17 Nov 2021	06:30	pm
58) 111758.D	8081_8082A_608.M					
CO		6	1.000	17 Nov 2021	06:40	pm
59) 111759.D	8081_8082A_608.M					
1660-CCV-		6	1.000	17 Nov 2021	06:50	pm
60) 111760.D	8081_8082A_608.M					
1254-CCV-		7	1.000	17 Nov 2021	06:59	pm
61) 111761.D	8081_8082A_608.M					
MB-34475		71	1.000	17 Nov 2021	07:09	pm
62) 111762.D	8081_8082A_608.M					
LCS1-34475		72	1.000	17 Nov 2021	07:19	pm
63) 111763.D	8081_8082A_608.M					
LCS2-34475		73	1.000	17 Nov 2021	07:29	pm
64) 111764.D	8081_8082A_608.M					
2111300-010A		74	1.000	17 Nov 2021	07:38	pm
65) 111765.D	8081_8082A_608.M					
2111300-010AMS		75	1.000	17 Nov 2021	07:48	pm
66) 111766.D	8081_8082A_608.M					
2111300-010AMSD		76	1.000	17 Nov 2021	07:58	pm
67) 111767.D	8081_8082A_608.M					
2111335-001A		77	1.000	17 Nov 2021	08:07	pm
68) 111768.D	8081_8082A_608.M					
2111335-002A		78	1.000	17 Nov 2021	08:17	pm

69) 111769.D 2111335-003A	8081_8082A_608.M	79	1.000	17 Nov 2021	08:27 pm
70) 111770.D CO	8081_8082A_608.M	7	1.000	17 Nov 2021	08:37 pm
71) 111771.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Nov 2021	08:46 pm
72) 111772.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Nov 2021	08:56 pm

Data Directory: D:\GC-16\Data\2021\122121\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 122101.D CO	8081_8082A_608.M	6	1.000	21 Dec 2021 09:43 am
2) 122102.D CO	8081_8082A_608.M	7	1.000	21 Dec 2021 09:53 am
3) 122103.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021 10:03 am
4) 122104.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Dec 2021 10:13 am
5) 122105.D CO	8081_8082A_608.M	6	1.000	21 Dec 2021 11:54 am
6) 122106.D CO	8081_8082A_608.M	7	1.000	21 Dec 2021 12:03 pm
7) 122107.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021 12:13 pm
8) 122108.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Dec 2021 12:23 pm
9) 122109.D MB-34820	8081_8082A_608.M	11	1.000	21 Dec 2021 12:33 pm
10) 122110.D LCS1-34820	8081_8082A_608.M	12	1.000	21 Dec 2021 12:42 pm
11) 122111.D LCS1D-34820	8081_8082A_608.M	13	1.000	21 Dec 2021 12:52 pm
12) 122112.D LCS2-34820	8081_8082A_608.M	14	1.000	21 Dec 2021 01:02 pm
13) 122113.D LCS-LL-34820	8081_8082A_608.M	15	1.000	21 Dec 2021 01:12 pm
14) 122114.D 2112340-001A	8081_8082A_608.M	16	1.000	21 Dec 2021 01:21 pm
15) 122115.D 2112340-001AMS	8081_8082A_608.M	17	1.000	21 Dec 2021 01:31 pm
16) 122116.D 2112283-001D	8081_8082A_608.M	18	1.000	21 Dec 2021 01:41 pm
17) 122117.D 2112334-006A	8081_8082A_608.M	19	1.000	21 Dec 2021 01:50 pm
18) 122118.D CO	8081_8082A_608.M	7	1.000	21 Dec 2021 02:00 pm
19) 122119.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021 02:10 pm
20) 122120.D 1254-CCV-	8081_8082A_608.M	7	1.000	21 Dec 2021 02:20 pm
21) 122121.D MB-34814	8081_8082A_608.M	21	1.000	21 Dec 2021 02:44 pm

22) 122122.D LCS1-34814	8081_8082A_608.M	22	1.000	21 Dec 2021	02:53 pm
23) 122123.D LCS2-34814	8081_8082A_608.M	23	1.000	21 Dec 2021	03:03 pm
24) 122124.D 2112277-013A	8081_8082A_608.M	40	1.000	21 Dec 2021	03:18 pm
25) 122125.D 2112277-013AMS	8081_8082A_608.M	41	1.000	21 Dec 2021	03:28 pm
26) 122126.D 2112277-013AMSD	8081_8082A_608.M	42	1.000	21 Dec 2021	03:38 pm
27) 122127.D 2112242-011A	8081_8082A_608.M	24	1.000	21 Dec 2021	03:48 pm
28) 122128.D 2112242-028A	8081_8082A_608.M	25	1.000	21 Dec 2021	03:57 pm
29) 122129.D 2112242-040A	8081_8082A_608.M	26	1.000	21 Dec 2021	04:07 pm
30) 122130.D 2112242-049A	8081_8082A_608.M	27	1.000	21 Dec 2021	04:17 pm
31) 122131.D 2112242-057A	8081_8082A_608.M	28	1.000	21 Dec 2021	04:26 pm
32) 122132.D 2112242-066A	8081_8082A_608.M	29	1.000	21 Dec 2021	04:36 pm
33) 122133.D 2112242-078A	8081_8082A_608.M	30	1.000	21 Dec 2021	04:46 pm
34) 122134.D 2112277-034A	8081_8082A_608.M	31	1.000	21 Dec 2021	04:56 pm
35) 122135.D 2112277-035A	8081_8082A_608.M	32	1.000	21 Dec 2021	05:05 pm
36) 122136.D 2112277-036A	8081_8082A_608.M	33	1.000	21 Dec 2021	05:15 pm
37) 122137.D 2112277-037A	8081_8082A_608.M	34	1.000	21 Dec 2021	05:25 pm
38) 122138.D 2112277-038A	8081_8082A_608.M	35	1.000	21 Dec 2021	05:34 pm
39) 122139.D 2112277-039A	8081_8082A_608.M	36	1.000	21 Dec 2021	05:44 pm
40) 122140.D 2112277-040A	8081_8082A_608.M	37	1.000	21 Dec 2021	05:54 pm
41) 122141.D 2112277-043A	8081_8082A_608.M	38	1.000	21 Dec 2021	06:04 pm
42) 122142.D 2112277-044A	8081_8082A_608.M	39	1.000	21 Dec 2021	06:13 pm
43) 122143.D CO	8081_8082A_608.M	5	1.000	21 Dec 2021	06:23 pm
44) 122144.D 1660-CCV-	8081_8082A_608.M	6	1.000	21 Dec 2021	06:33 pm
45) 122145.D	8081_8082A_608.M				

1254-CCV-		7	1.000	21 Dec 2021	06:43	pm
46) 122146.D	8081_8082A_608.M					
MB-34832		51	1.000	21 Dec 2021	06:52	pm
47) 122147.D	8081_8082A_608.M					
LCS1-34832		52	1.000	21 Dec 2021	07:02	pm
48) 122148.D	8081_8082A_608.M					
LCS2-34832		53	1.000	21 Dec 2021	07:12	pm
49) 122149.D	8081_8082A_608.M					
2112242-084A		54	1.000	21 Dec 2021	07:22	pm
50) 122150.D	8081_8082A_608.M					
2112242-084AMS		55	1.000	21 Dec 2021	07:31	pm
51) 122151.D	8081_8082A_608.M					
2112242-084AMSD		56	1.000	21 Dec 2021	07:41	pm
52) 122152.D	8081_8082A_608.M					
2112242-085A		57	1.000	21 Dec 2021	07:51	pm
53) 122153.D	8081_8082A_608.M					
2112277-051A		58	1.000	21 Dec 2021	08:00	pm
54) 122154.D	8081_8082A_608.M					
2112277-053A		59	1.000	21 Dec 2021	08:10	pm
55) 122155.D	8081_8082A_608.M					
2112277-070A		60	1.000	21 Dec 2021	08:20	pm
56) 122156.D	8081_8082A_608.M					
2112321-032A		61	1.000	21 Dec 2021	08:30	pm
57) 122157.D	8081_8082A_608.M					
2112321-033A		62	1.000	21 Dec 2021	08:39	pm
58) 122158.D	8081_8082A_608.M					
CO		5	1.000	21 Dec 2021	08:49	pm
59) 122159.D	8081_8082A_608.M					
1660-CCV-		6	1.000	21 Dec 2021	08:59	pm
60) 122160.D	8081_8082A_608.M					
1254-CCV-		7	1.000	21 Dec 2021	09:09	pm

Data Directory: D:\GC-16\Data\2021\123021\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 123001.D CO	8081_8082A_608.M	6	1.000	30 Dec 2021 09:30 am
2) 123002.D co	8081_8082A_608.M	7	1.000	30 Dec 2021 09:40 am
3) 123003.D 1660-CCV-	8081_8082A_608.M	6	1.000	30 Dec 2021 09:49 am
4) 123004.D 1254-CCV-	8081_8082A_608.M	7	1.000	30 Dec 2021 09:59 am
5) 123005.D 1660-CCV-NEW	8081_8082A_608.M	4	1.000	30 Dec 2021 12:01 pm
6) 123006.D 1254-CCV-NEW	8081_8082A_608.M	5	1.000	30 Dec 2021 12:11 pm
7) 123007.D MB-34910	8081_8082A_608.M	11	1.000	30 Dec 2021 03:14 pm
8) 123008.D LCS1-34910	8081_8082A_608.M	12	1.000	30 Dec 2021 03:23 pm
9) 123009.D LCS2-34910	8081_8082A_608.M	13	1.000	30 Dec 2021 03:33 pm
10) 123010.D 2112277-019A	8081_8082A_608.M	14	1.000	30 Dec 2021 03:43 pm
11) 123011.D 2112277-019AMS	8081_8082A_608.M	15	1.000	30 Dec 2021 03:53 pm
12) 123012.D 2112277-019AMSD	8081_8082A_608.M	16	1.000	30 Dec 2021 04:03 pm
13) 123013.D 2112277-020A	8081_8082A_608.M	17	1.000	30 Dec 2021 04:12 pm
14) 123014.D 2112277-021A	8081_8082A_608.M	18	1.000	30 Dec 2021 04:22 pm
15) 123015.D 2112277-022A	8081_8082A_608.M	19	1.000	30 Dec 2021 04:32 pm
16) 123016.D 2112277-023A	8081_8082A_608.M	20	1.000	30 Dec 2021 04:42 pm
17) 123017.D 2112277-054A	8081_8082A_608.M	21	1.000	30 Dec 2021 04:51 pm
18) 123018.D 2112277-064A	8081_8082A_608.M	22	1.000	30 Dec 2021 05:01 pm
19) 123019.D 2112301-001A	8081_8082A_608.M	23	1.000	30 Dec 2021 05:11 pm
20) 123020.D 2112301-002A	8081_8082A_608.M	24	1.000	30 Dec 2021 05:21 pm
21) 123021.D 2112301-063A	8081_8082A_608.M	25	1.000	30 Dec 2021 05:31 pm

22) 123022.D	8081_8082A_608.M	26	1.000	30 Dec 2021	05:40 pm
2112301-064A					
23) 123023.D	8081_8082A_608.M	27	1.000	30 Dec 2021	05:50 pm
2112321-001A					
24) 123024.D	8081_8082A_608.M	28	1.000	30 Dec 2021	06:00 pm
2112321-002A					
25) 123025.D	8081_8082A_608.M	29	1.000	30 Dec 2021	06:10 pm
2112321-003A					
26) 123026.D	8081_8082A_608.M	4	1.000	30 Dec 2021	06:19 pm
co					
27) 123027.D	8081_8082A_608.M	4	1.000	30 Dec 2021	06:29 pm
1660-CCV-					
28) 123028.D	8081_8082A_608.M	5	1.000	30 Dec 2021	06:39 pm
1254-CCV-					



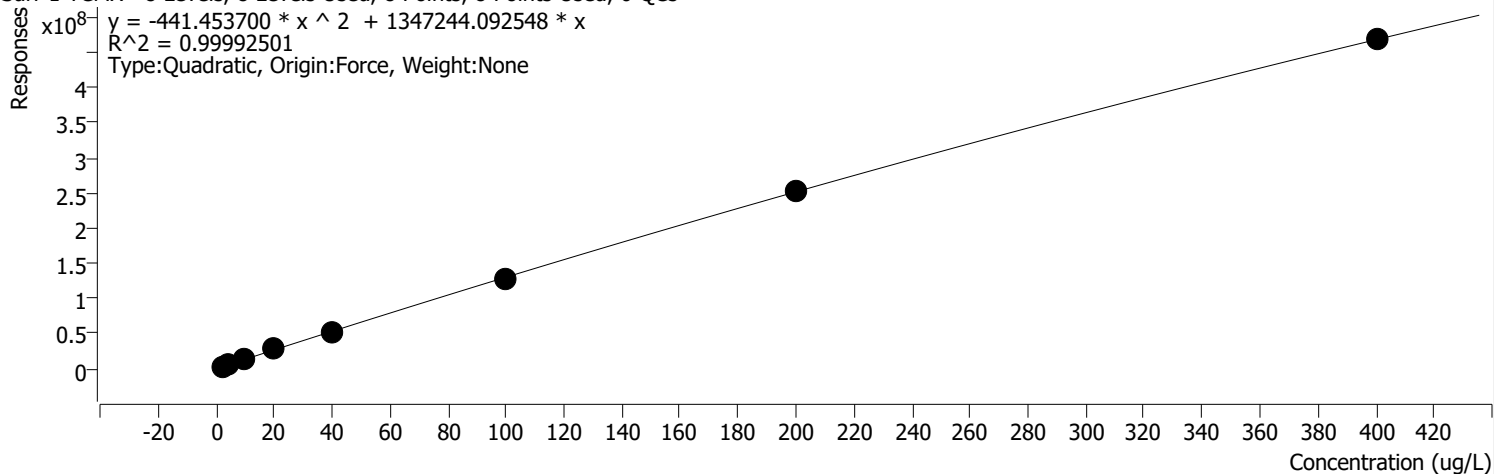
Calibration

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:03 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE =

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



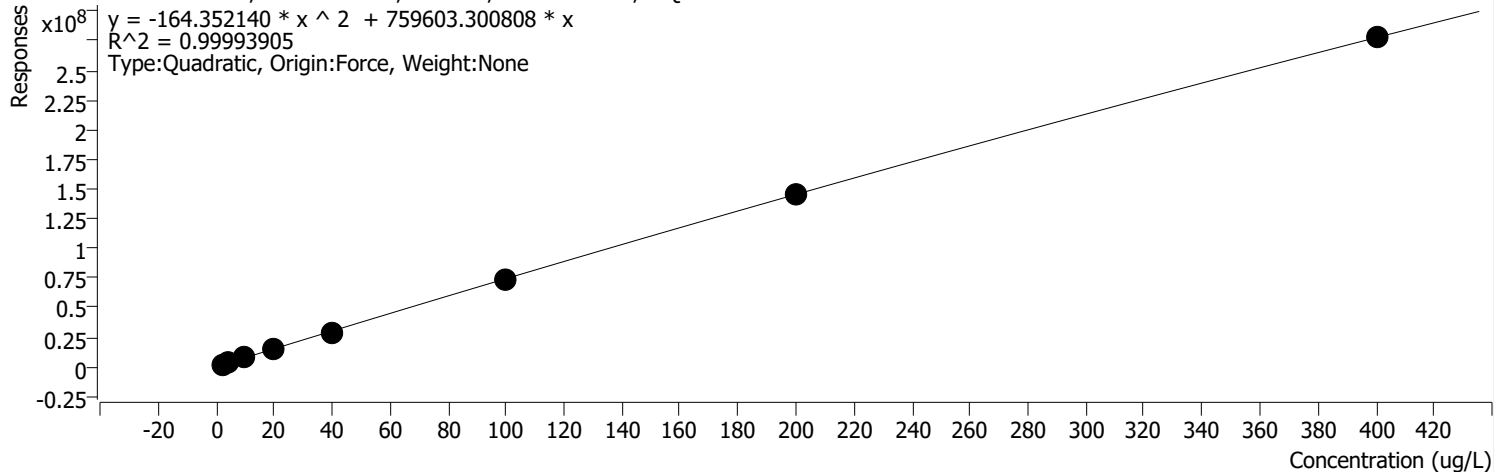
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D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	3112606	2.0000	1556303.2353	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	5987105	4.0000	1496776.2325	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	14133613	10.0000	1413361.2648	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	28037354	20.0000	1401867.7024	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	50268557	40.0000	1256713.9292	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	129331209	100.0000	1293312.0925	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	253231815	200.0000	1266159.0745	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	467991390	400.0000	1169978.4744	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE =

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



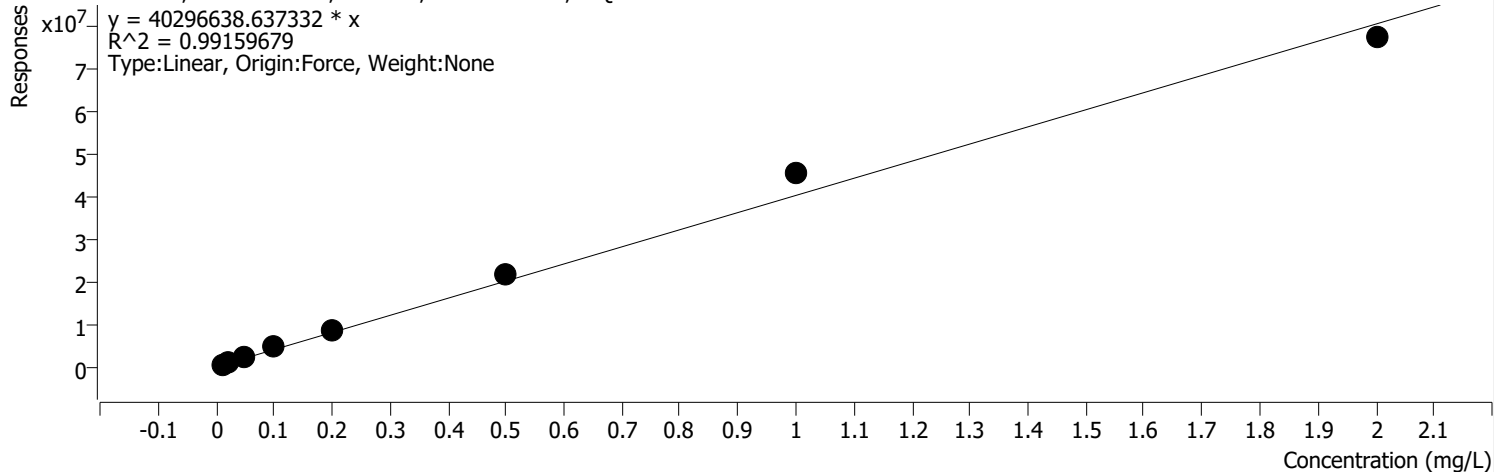
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1747536	2.0000	873767.8020	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3355011	4.0000	838752.6380	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	7906471	10.0000	790647.0906	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	15333111	20.0000	766655.5528	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	28540689	40.0000	713517.2319	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	73719827	100.0000	737198.2735	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	146274925	200.0000	731374.6273	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	277365247	400.0000	693413.1187	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE = 27.7

A1254 1 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

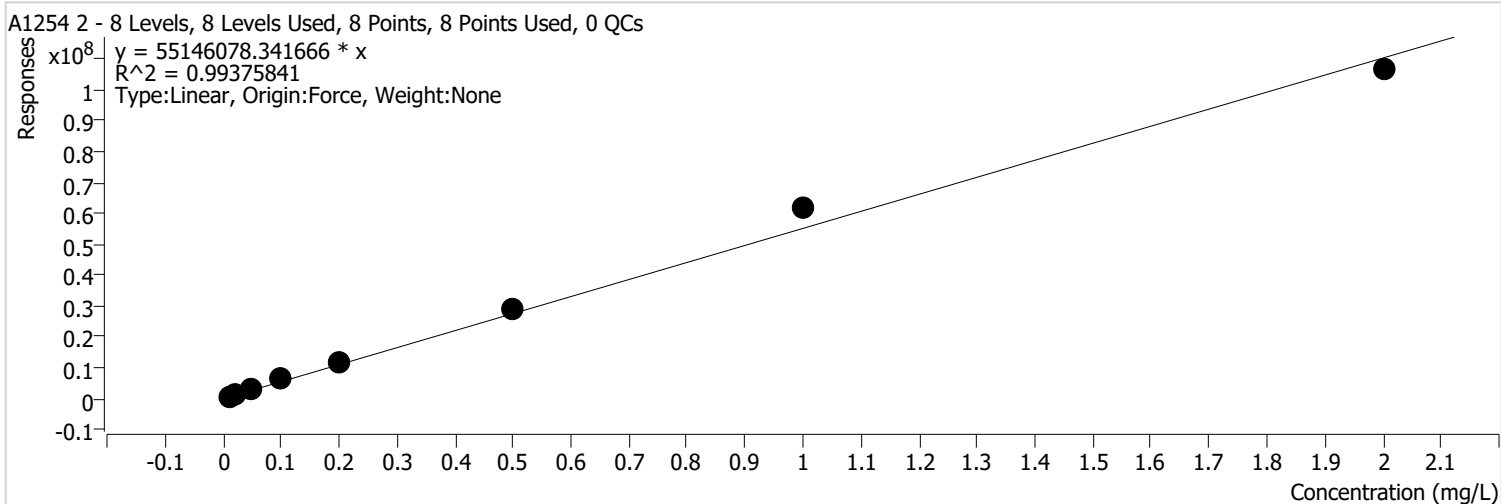


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	573523	0.0100	57352267 .4014	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1097096	0.0200	54854822 .0462	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2571334	0.0500	51426677 .3242	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4850080	0.1000	48500798 .7335	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8688904	0.2000	43444520 .7125	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	21613150	0.5000	43226300 .7013	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	45839065	1.0000	45839065 .3357	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	77334201	2.0000	38667100 .3795	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 %RSE = 25.1



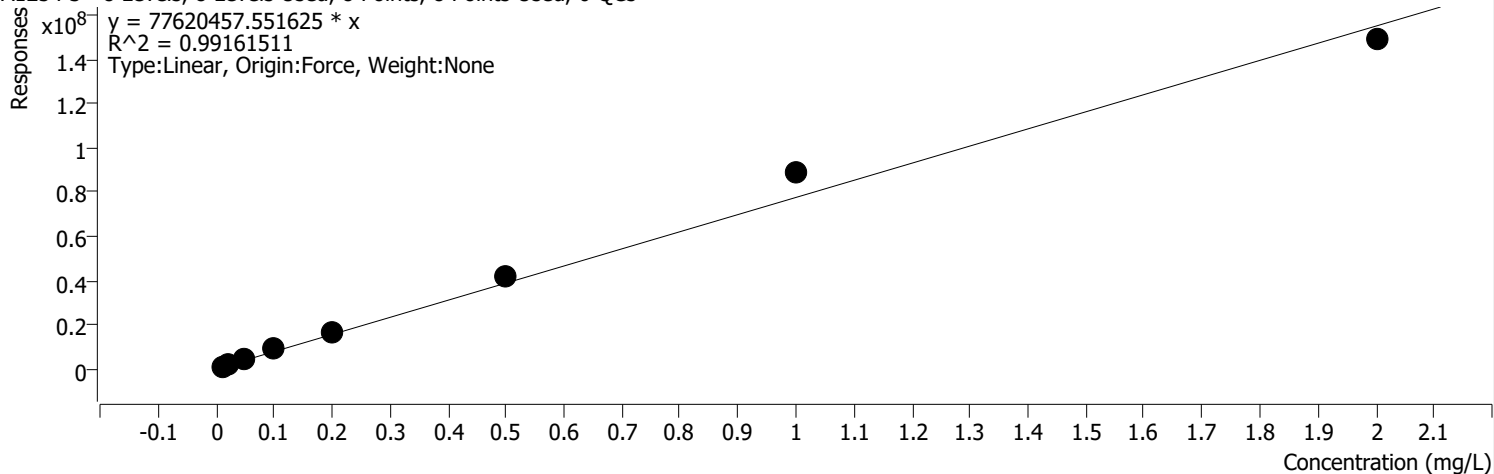
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	744054	0.0100	74405372 .2567	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1490100	0.0200	74504983 .0310	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3523234	0.0500	70464671 .0095	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6497170	0.1000	64971695 .9121	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11711269	0.2000	58556347 .3659	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29266351	0.5000	58532701 .2157	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	61701655	1.0000	61701654 .5006	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	106449724	2.0000	53224862 .1449	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE = 30.4

A1254 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

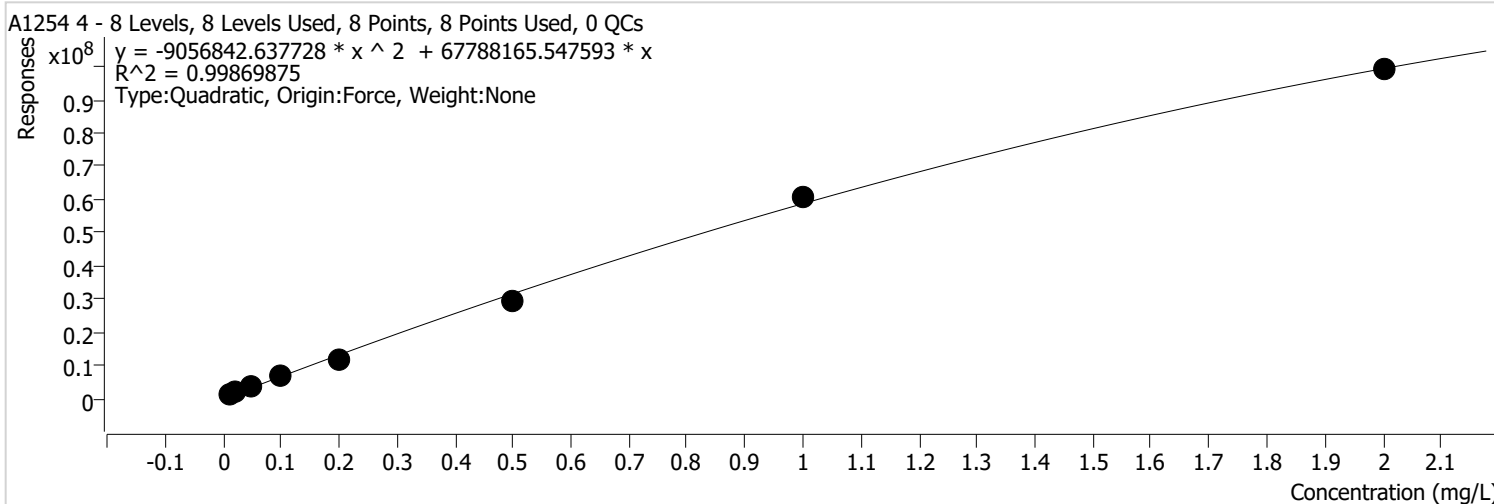


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1157188	0.0100	11571877 1.6595	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2204641	0.0200	11023205 9.7779	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4963794	0.0500	99275879 .1927	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9090132	0.1000	90901319 .8798	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	16261865	0.2000	81309326 .1013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	41588015	0.5000	83176030 .1804	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	88389174	1.0000	88389173 .9690	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	148986432	2.0000	74493216 .0601	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 %RSE = 33.7

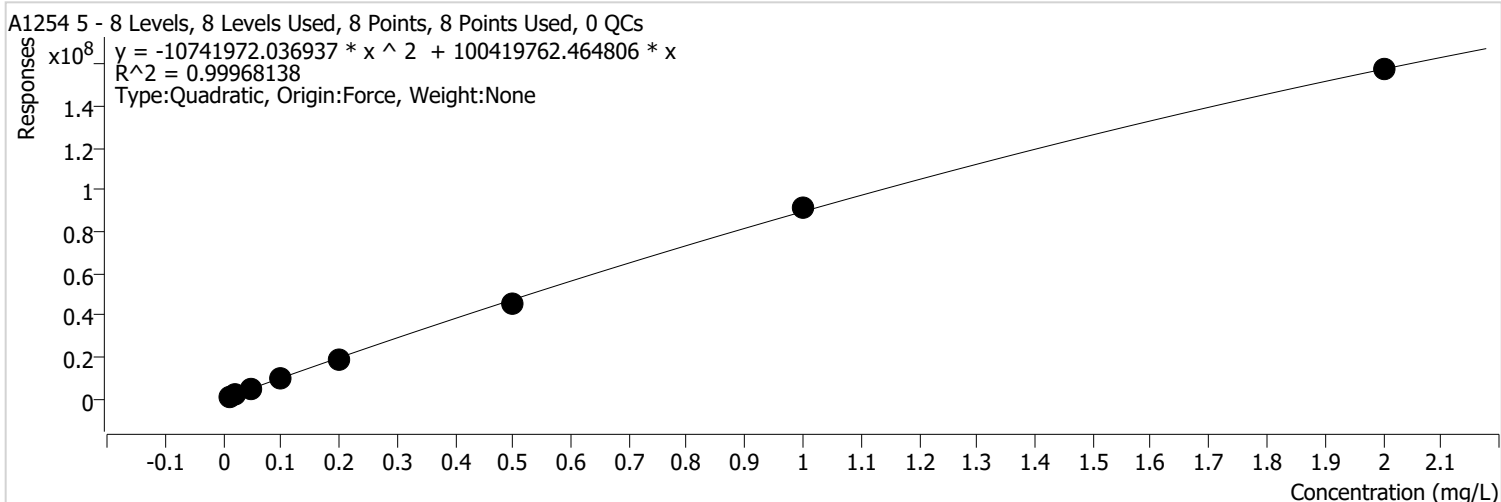


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1034675	0.0100	10346747 0.3164	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2019129	0.0200	10095645 5.4799	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3887202	0.0500	77744031 .4539	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6688577	0.1000	66885769 .2913	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11730547	0.2000	58652733 .3282	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29549445	0.5000	59098890 .3992	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	60734640	1.0000	60734639 .8071	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	98992404	2.0000	49496202 .1970	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE = 3.8

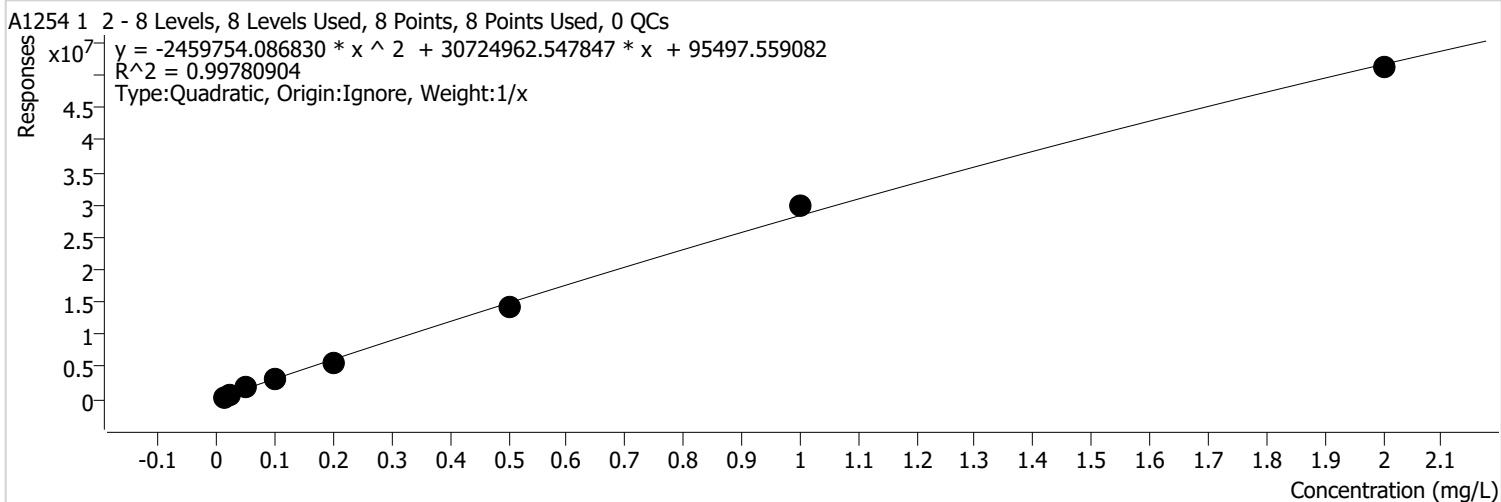


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1012163	0.0100	10121631 0.0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2031310	0.0200	10156552 4.7143	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4906928	0.0500	98138565 .5000	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9392843	0.1000	93928430 .8547	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	18912153	0.2000	94560767 .1996	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	45747749	0.5000	91495497 .2404	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	91387604	1.0000	91387603 .9391	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	157564050	2.0000	78782025 .2102	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 2 %RSE = 11.9

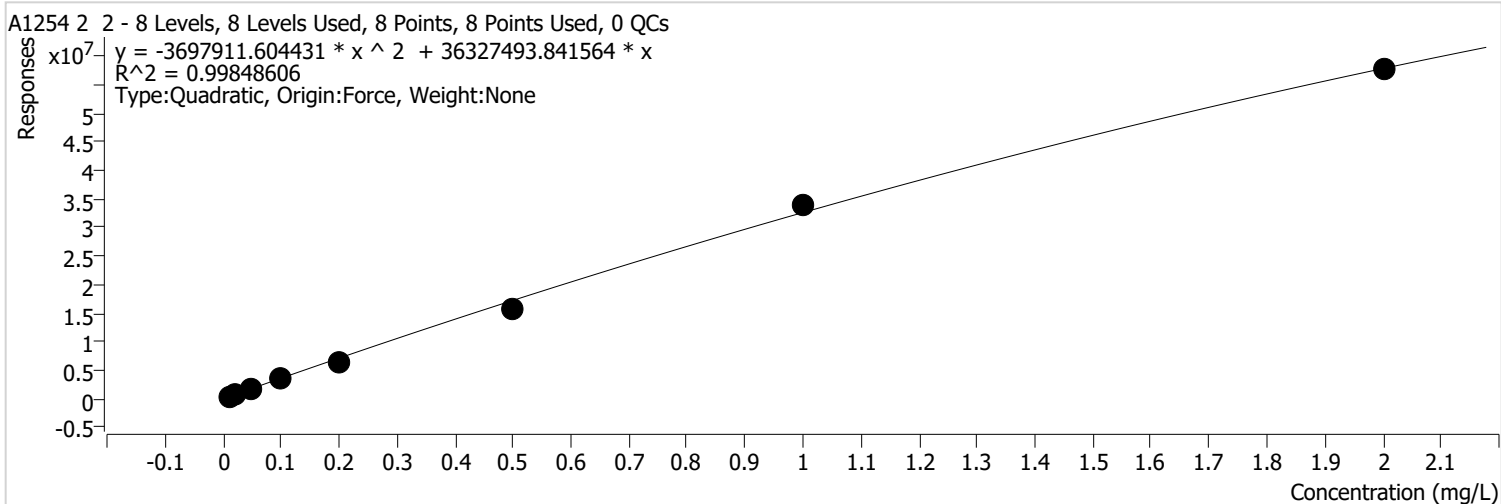


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	350412	0.0100	35041220 .0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	796688	0.0200	39834388 .4825	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1764954	0.0500	35299074 .8457	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3201582	0.1000	32015815 .2427	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	5692544	0.2000	28462717 .9013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	14066030	0.5000	28132060 .8995	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	29883184	1.0000	29883184 .1128	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	51177366	2.0000	25588682 .9284	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 2 %RSE = 16.2

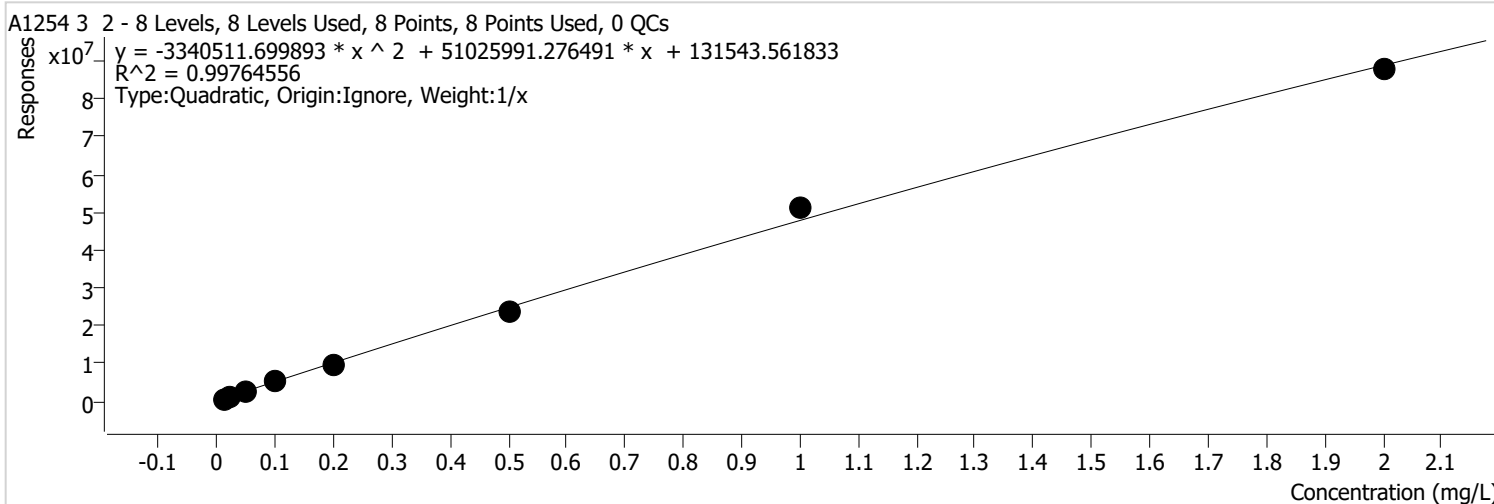


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	461435	0.0100	46143484 .7645	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	850241	0.0200	42512054 .6772	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1937642	0.0500	38752837 .2010	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3562499	0.1000	35624993 .2739	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6350412	0.2000	31752060 .0757	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	15814825	0.5000	31629649 .1212	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	33960776	1.0000	33960775 .9612	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	57627229	2.0000	28813614 .4715	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 2 %RSE = 6.6

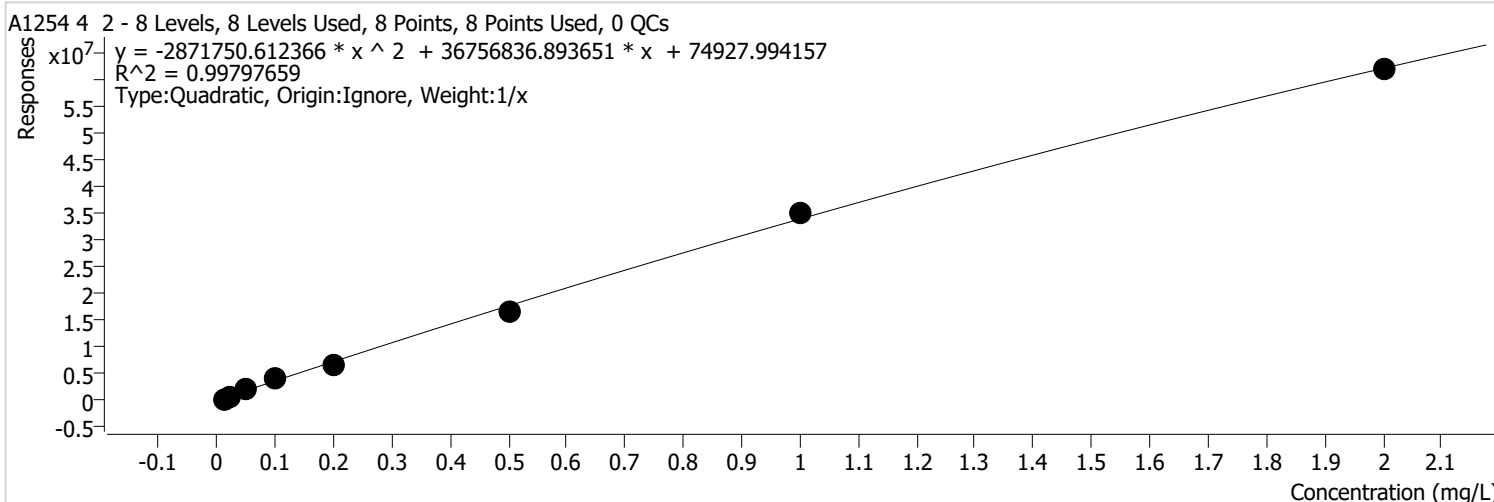


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	633860	0.0100	63386044 .1039	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1210006	0.0200	60500280 .4478	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2785795	0.0500	55715899 .9627	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	5196055	0.1000	51960547 .7509	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	9302962	0.2000	46514810 .0909	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	23599607	0.5000	47199214 .4840	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	50941643	1.0000	50941642 .7440	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	87648533	2.0000	43824266 .6378	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin		
Analysis Time	11/18/2021 12:26 PM	Analyst Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Reporter Name	FA\GC1625
Last Calib Update	11/18/2021 12:26 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 4 2 %RSE = 13.4

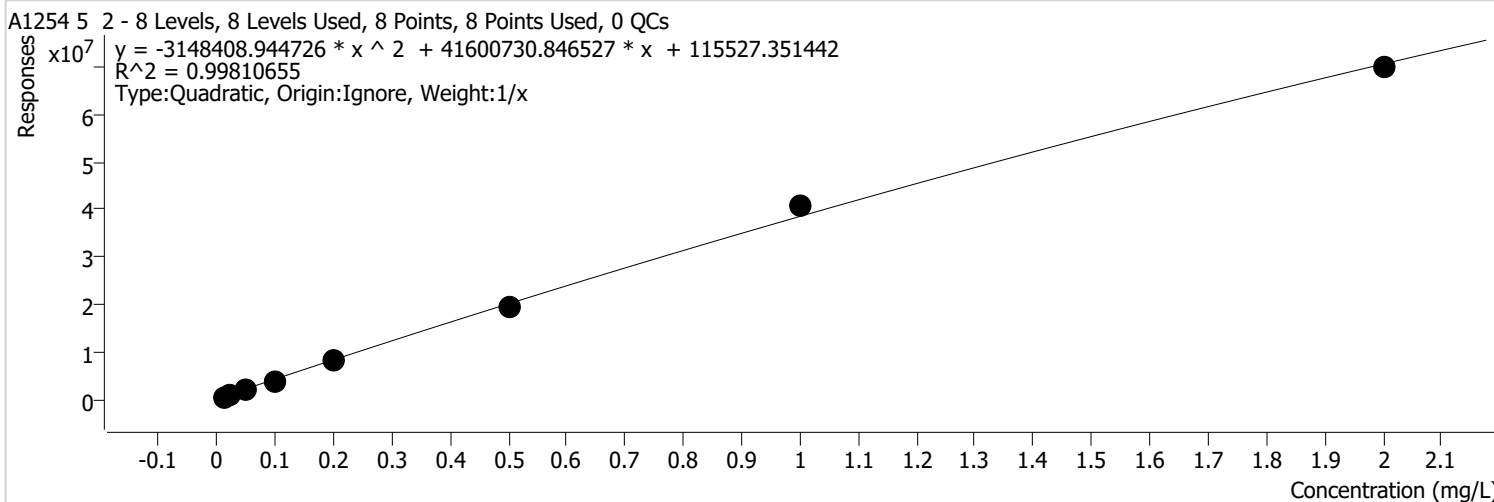


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	361993	0.0100	36199272 .8077	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	859897	0.0200	42994858 .0057	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2130173	0.0500	42603465 .9972	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4146889	0.1000	41468894 .7934	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6853477	0.2000	34267386 .0557	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	16779588	0.5000	33559175 .5747	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	35031313	1.0000	35031312 .9376	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	61823727	2.0000	30911863 .4999	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 2 %RSE = 11.4



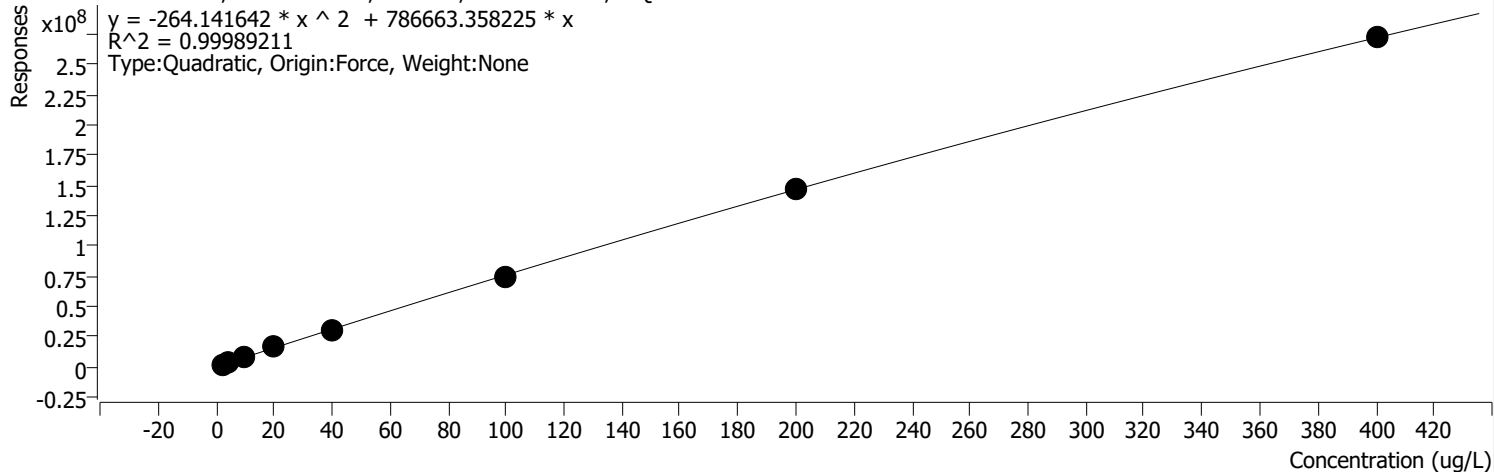
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	496146	0.0100	49614596 .3803	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1116535	0.0200	55826774 .5691	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2201385	0.0500	44027706 .0840	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3840360	0.1000	38403604 .2790	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8010151	0.2000	40050753 .2688	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	19426064	0.5000	38852127 .2101	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	40634328	1.0000	40634327 .6281	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	69914073	2.0000	34957036 .3940	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



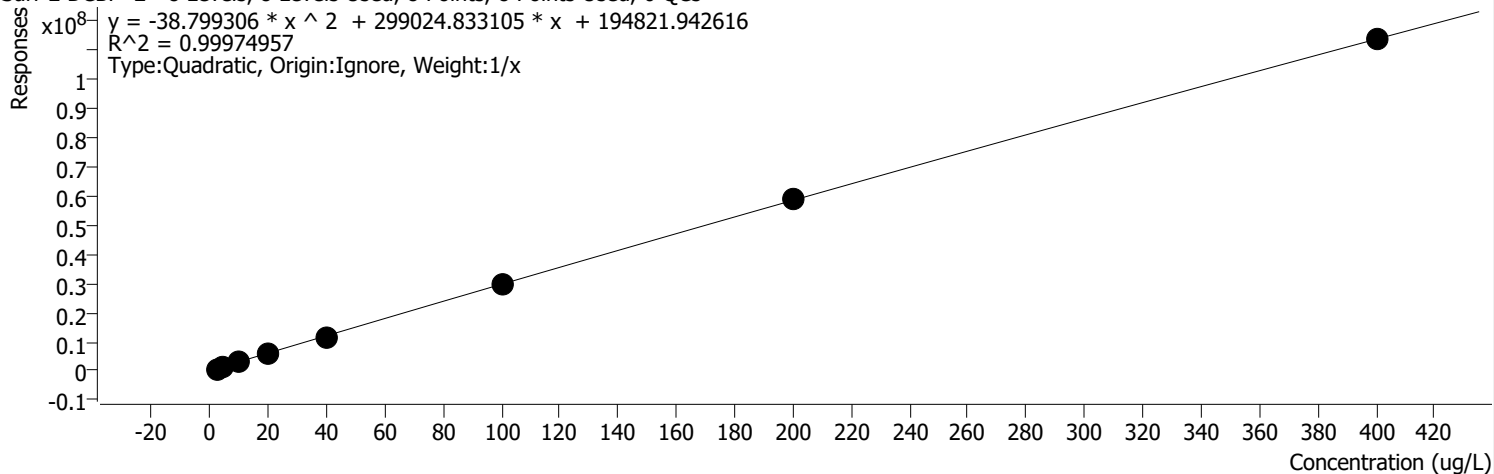
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1999822	2.0000	999910.8000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3976085	4.0000	994021.2125	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	9141741	10.0000	914174.0999	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	17384365	20.0000	869218.2664	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	30399135	40.0000	759978.3648	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	75189580	100.0000	751895.7972	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	147123426	200.0000	735617.1307	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	272366933	400.0000	680917.3313	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE =

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



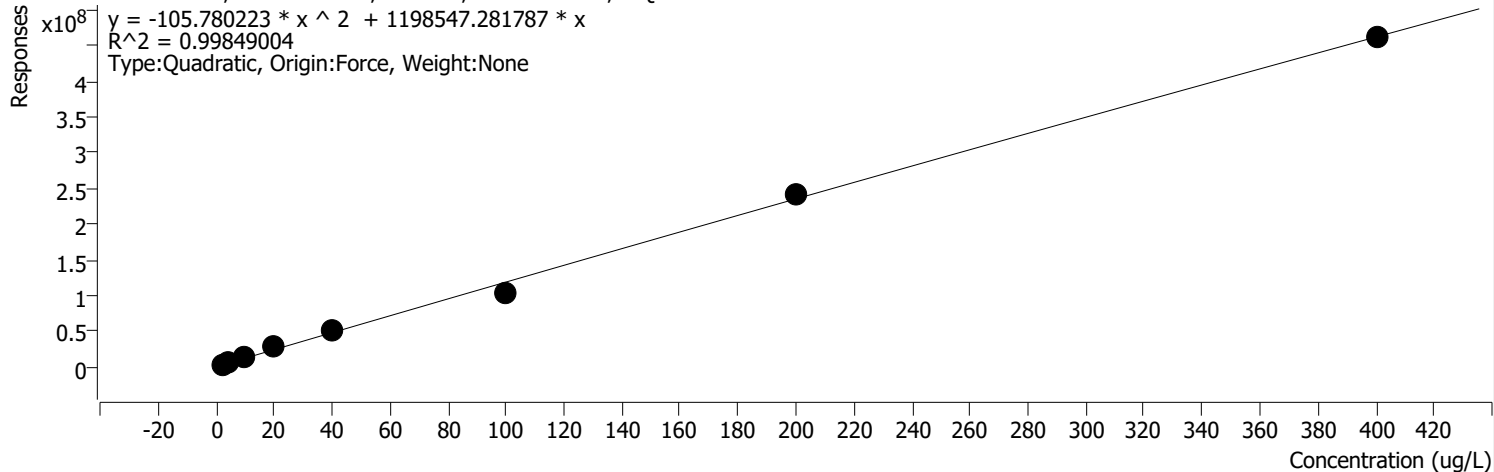
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	754197	2.0000	377098.3 123	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1426478	4.0000	356619.5 872	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3335767	10.0000	333576.6 500	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6312805	20.0000	315640.2 460	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11515852	40.0000	287896.2 957	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29640063	100.0000	296400.6 277	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	59004770	200.0000	295023.8 494	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	113381806	400.0000	283454.5 159	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:15 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE = 17.6

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

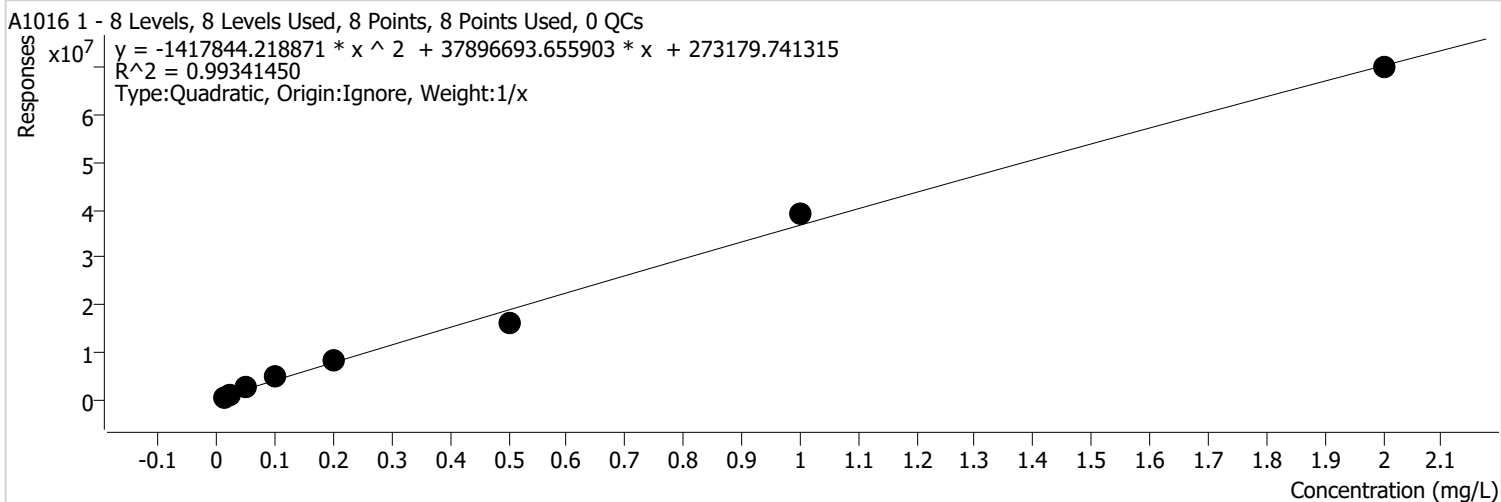


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	2934536	2.0000	1467267.9537	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	5764984	4.0000	1441245.9265	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	13779442	10.0000	1377944.1841	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	27573950	20.0000	1378697.5191	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	50569974	40.0000	1264249.3507	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	105302817	100.0000	1053028.1711	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	243674022	200.0000	1218370.1118	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	461250190	400.0000	1153125.4750	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 %RSE = 17.5

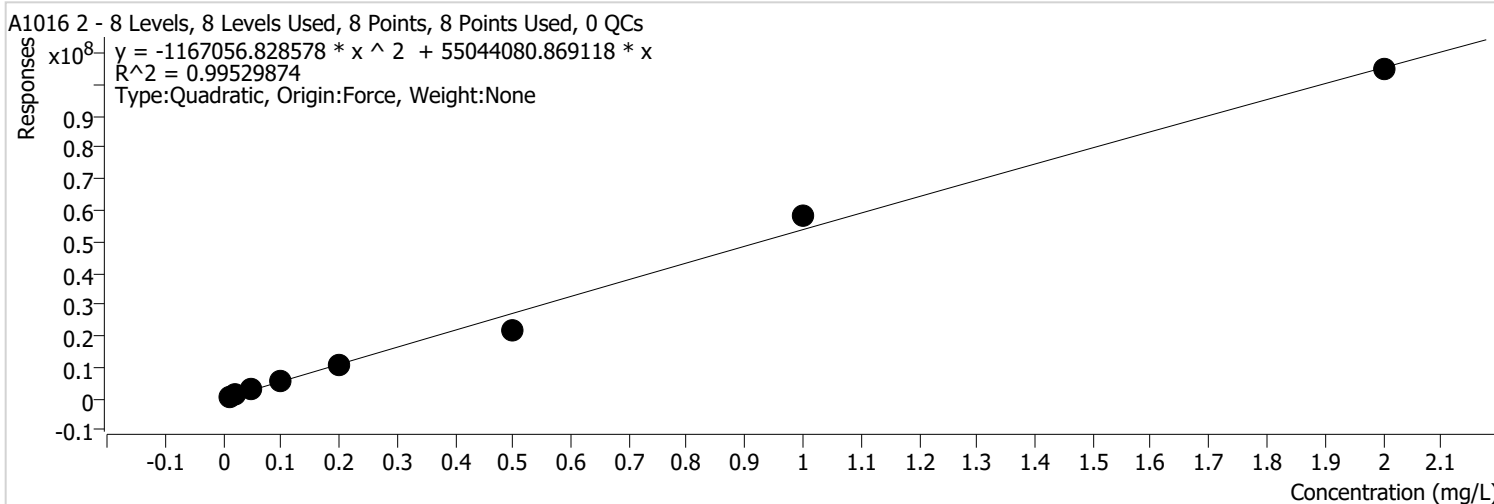


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	558685	0.0100	55868473 .3413	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1003803	0.0200	50190161 .2263	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2480232	0.0500	49604637 .6594	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	4720689	0.1000	47206890 .0322	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	8101627	0.2000	40508136 .7500	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	15925208	0.5000	31850416 .0243	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	38960423	1.0000	38960422 .5481	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	69955115	2.0000	34977557 .3342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 %RSE = 15.4



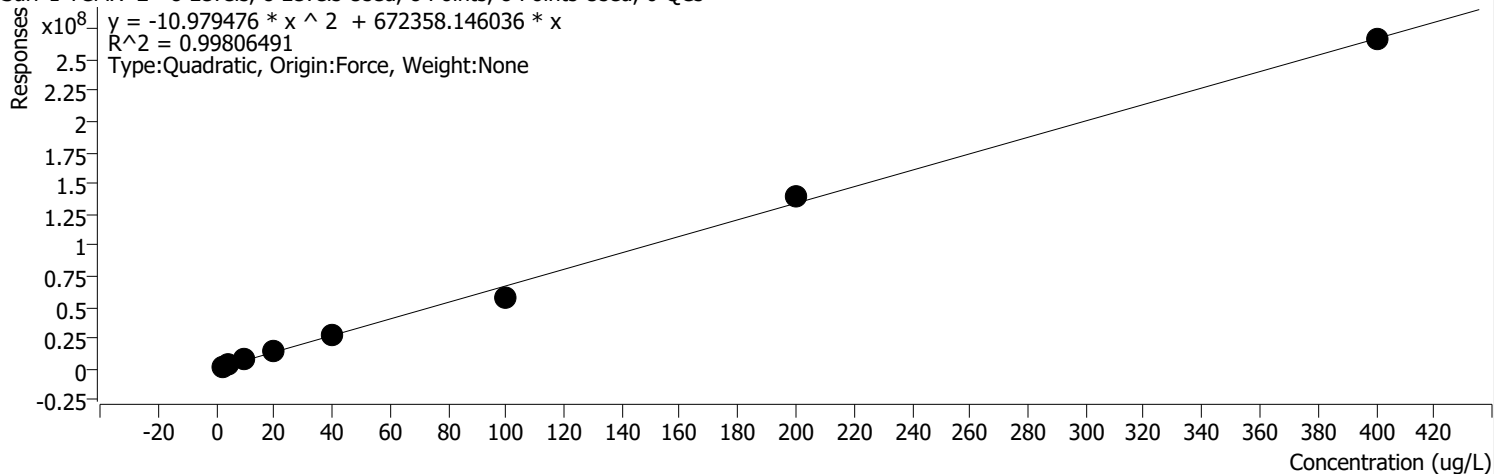
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	682922	0.0100	68292227 .5427	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1196019	0.0200	59800948 .1390	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2936183	0.0500	58723652 .8497	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5786440	0.1000	57864400 .5083	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10635390	0.2000	53176951 .8044	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21896785	0.5000	43793570 .7927	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57914319	1.0000	57914319 .3448	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104746357	2.0000	52373178 .6342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE = 16.8

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

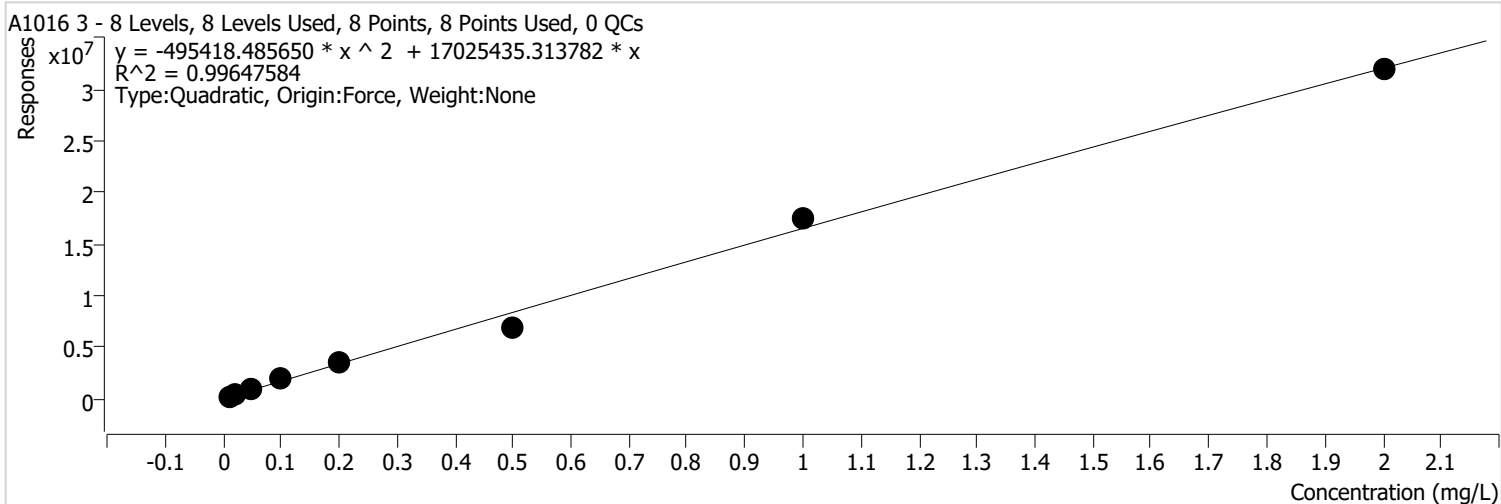


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	3190258	4.0000	797564.6 113	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	7598580	10.0000	759857.9 508	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15089134	20.0000	754456.7 026	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	28036116	40.0000	700902.8 912	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	58260955	100.0000	582609.5 468	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	139839684	200.0000	699198.4 179	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	266272486	400.0000	665681.2 142	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 %RSE = 19.6

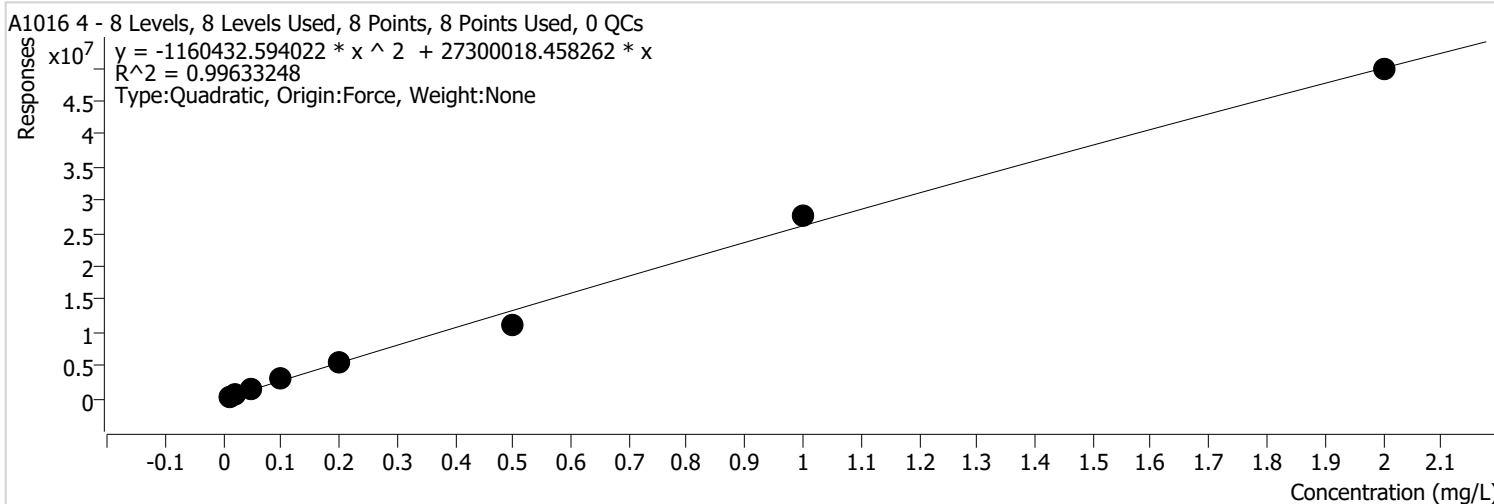


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	210732	0.0100	21073192 .4330	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	422272	0.0200	21113585 .1916	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	994908	0.0500	19898155 .8441	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1884570	0.1000	18845697 .4311	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3547755	0.2000	17738773 .1109	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6948104	0.5000	13896208 .1278	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17498388	1.0000	17498388 .0114	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	31914959	2.0000	15957479 .6375	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 %RSE = 15.9

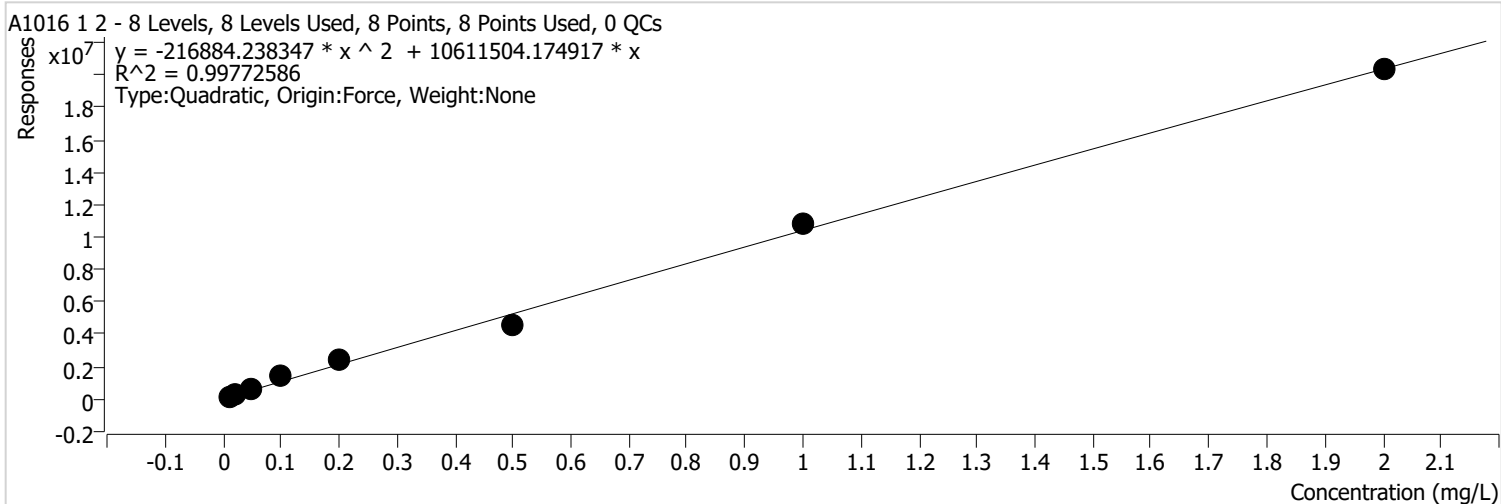


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	644811	0.0200	32240571 .2785	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1549198	0.0500	30983950 .7000	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2990136	0.1000	29901362 .4843	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5567504	0.2000	27837521 .2423	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11074643	0.5000	22149286 .8012	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27723383	1.0000	27723382 .7603	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49702839	2.0000	24851419 .6806	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 2 %RSE = 36.9

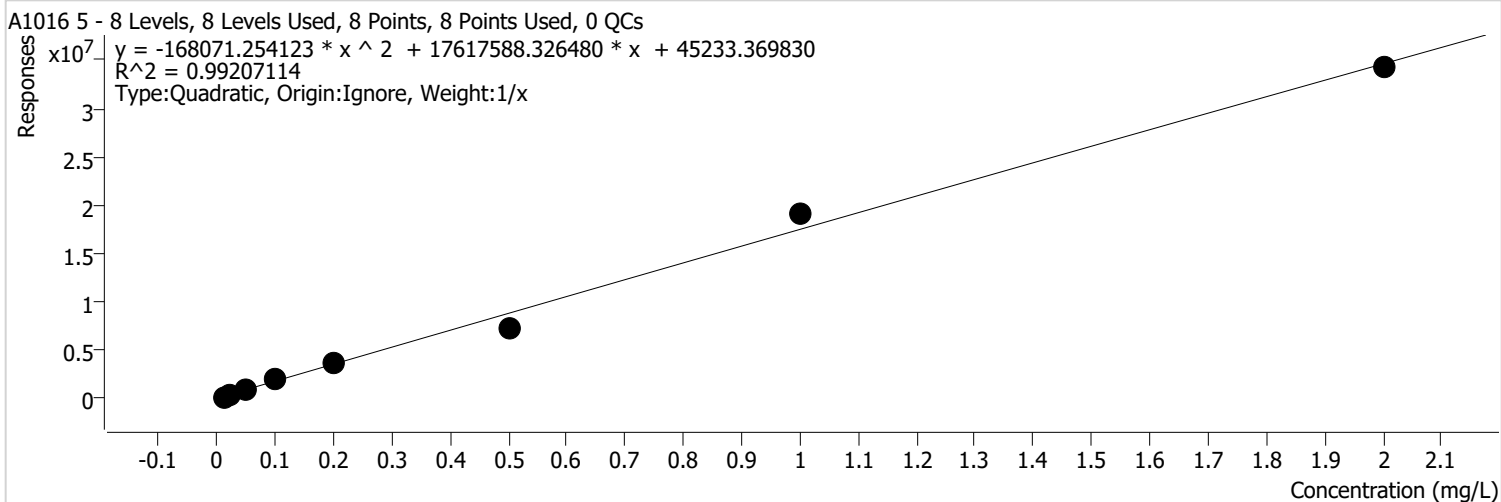


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	162196	0.0100	16219643 .7222	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	304001	0.0200	15200055 .7967	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	679286	0.0500	13585712 .4859	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1393721	0.1000	13937209 .0817	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	2360368	0.2000	11801842 .3994	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	4564234	0.5000	9128468. 2637	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	10738358	1.0000	10738358 .4993	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	20309085	2.0000	10154542 .3310	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 %RSE = 16.3

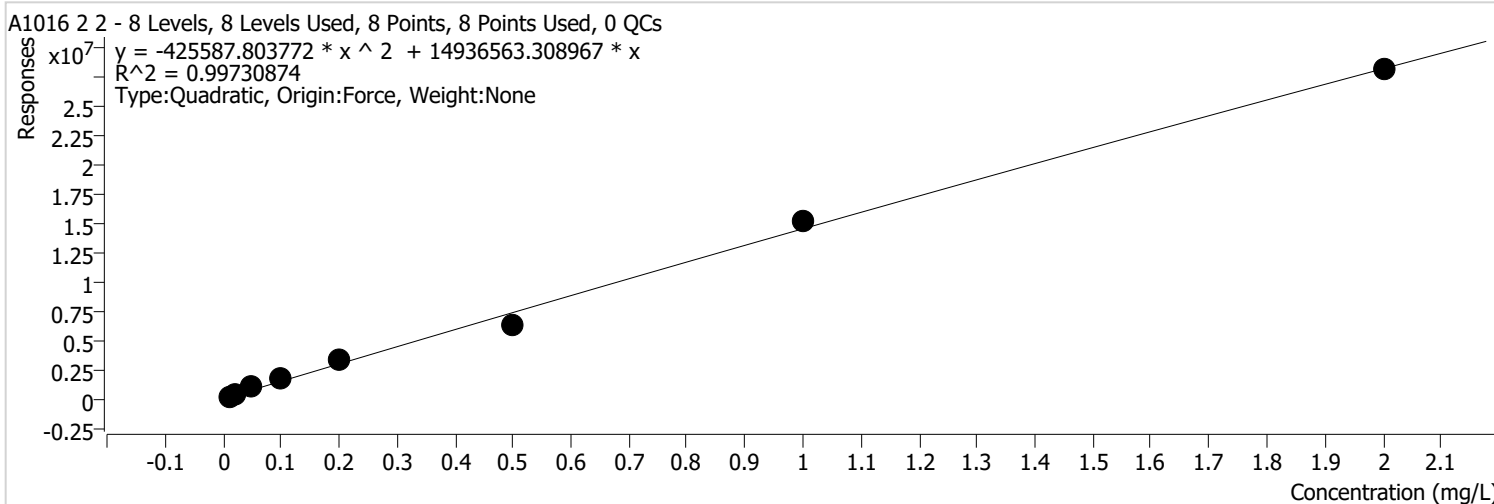


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	414516	0.0200	20725823 .0790	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1035989	0.0500	20719782 .8600	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2039362	0.1000	20393624 .8763	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3662990	0.2000	18314948 .2969	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7236474	0.5000	14472948 .5739	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	19064725	1.0000	19064724 .7814	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	34192501	2.0000	17096250 .6060	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 2 %RSE = 31.5

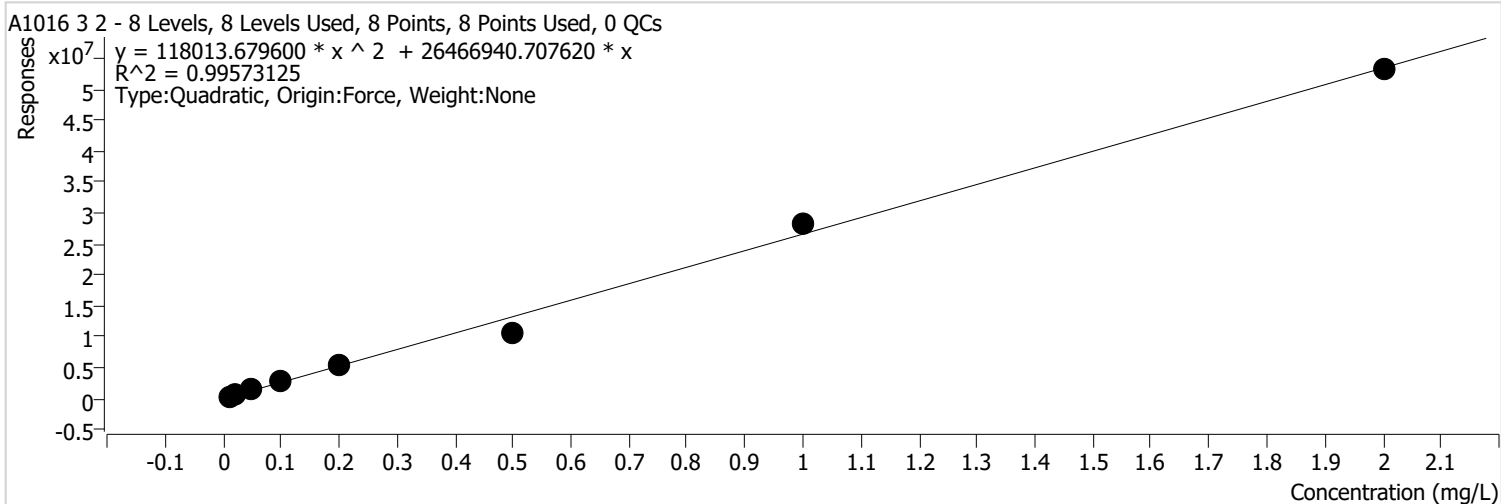


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	214219	0.0100	21421890 .2015	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	418252	0.0200	20912585 .1103	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	949932	0.0500	18998635 .4300	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1786478	0.1000	17864779 .8493	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3229064	0.2000	16145320 .8774	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6271490	0.5000	12542979 .3358	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15153231	1.0000	15153230 .5254	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28074890	2.0000	14037444 .8486	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 2 %RSE = 21.5

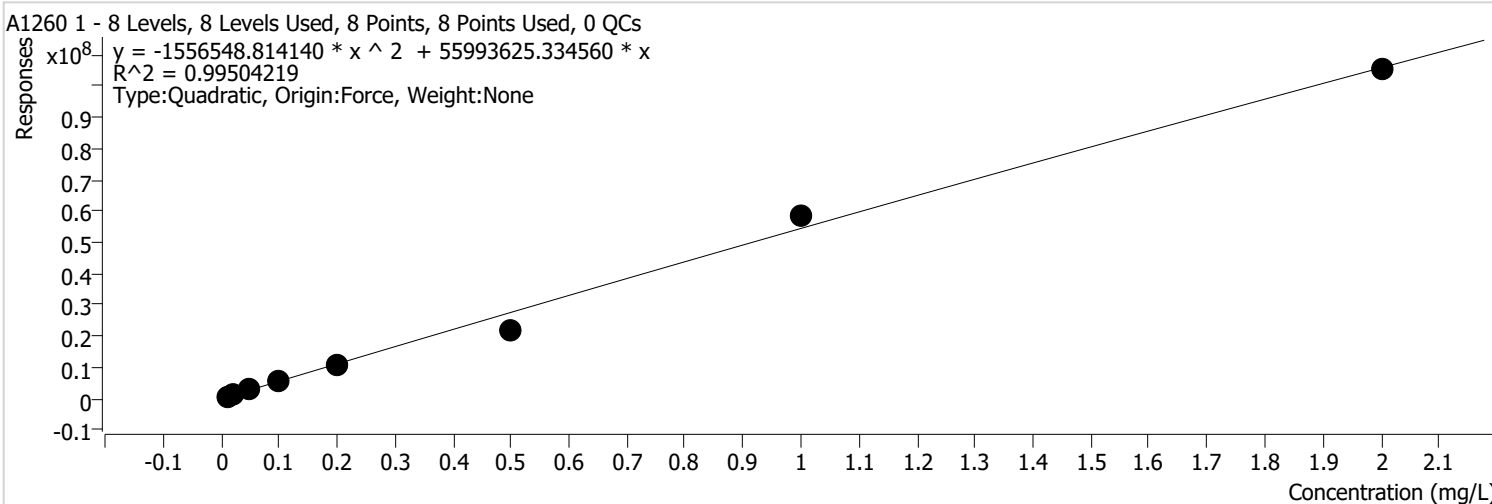


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	347226	0.0100	34722593 .4911	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	653143	0.0200	32657143 .5971	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1516050	0.0500	30321003 .8760	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2962224	0.1000	29622239 .9393	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5319469	0.2000	26597344 .2684	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10659811	0.5000	21319621 .4292	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	28444607	1.0000	28444607 .3592	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	53102586	2.0000	26551293 .2057	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 %RSE = 18.0

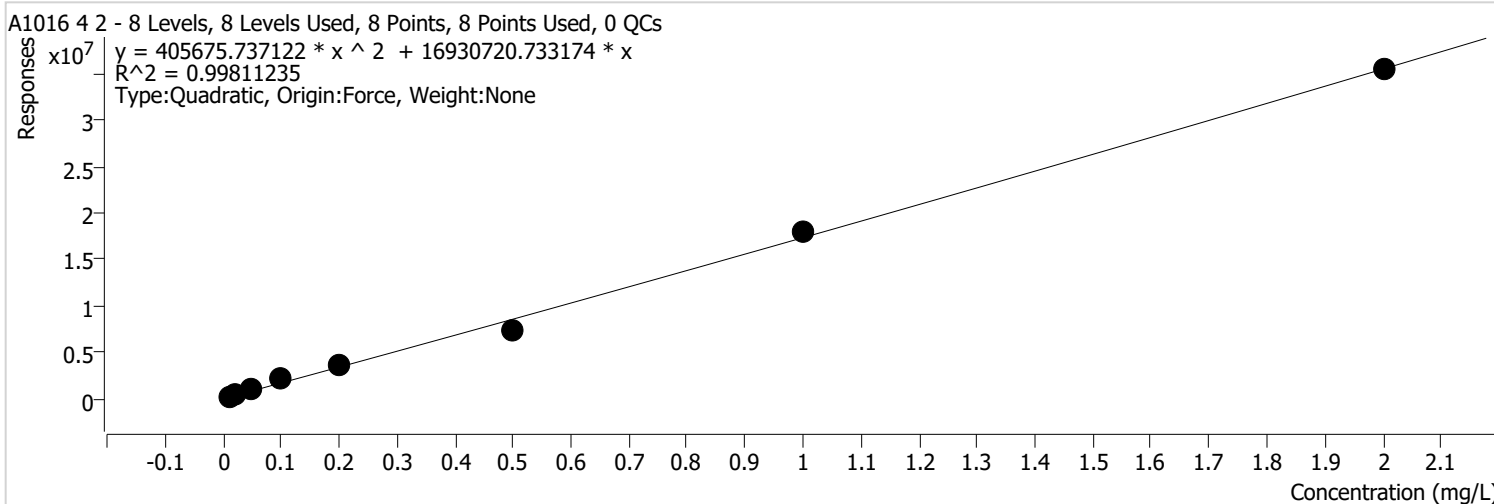


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1319661	0.0200	65983040 .6672	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3170575	0.0500	63411497 .3457	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6062315	0.1000	60623150 .1718	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	11096841	0.2000	55484202 .9755	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	22046529	0.5000	44093058 .0075	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	58484147	1.0000	58484146 .8930	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105095802	2.0000	52547900 .8917	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 2 %RSE = 26.1



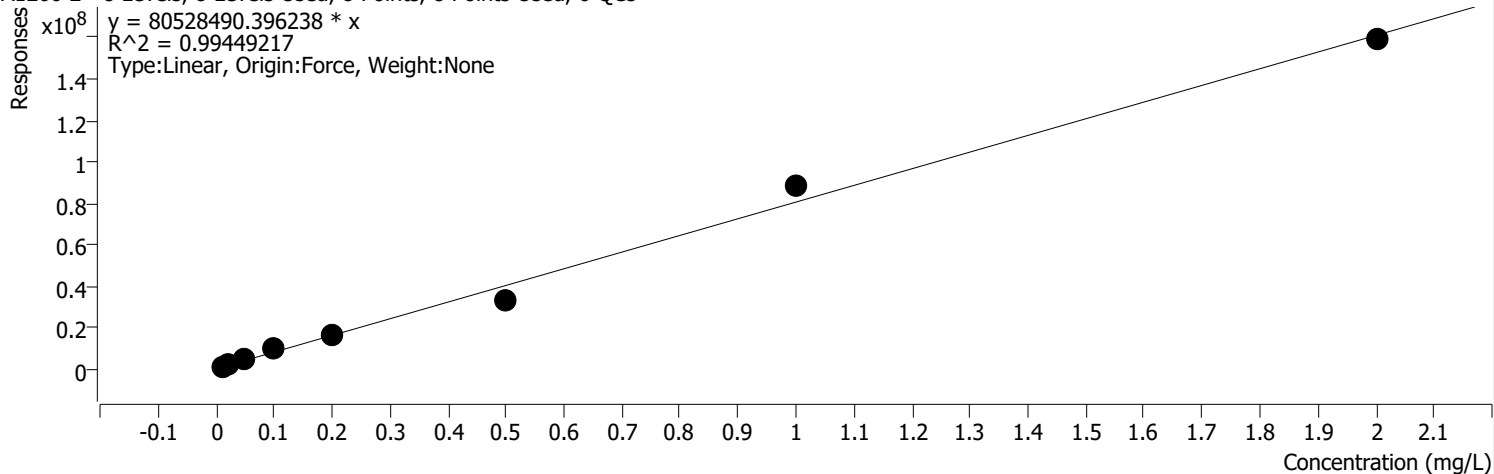
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	224806	0.0100	22480597 .5199	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	440280	0.0200	22013999 .9700	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1066664	0.0500	21333280 .1504	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2077680	0.1000	20776801 .7758	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3744000	0.2000	18719998 .8121	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7432530	0.5000	14865059 .5050	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17965306	1.0000	17965305 .8415	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	35393292	2.0000	17696645 .7608	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 %RSE = 19.9

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



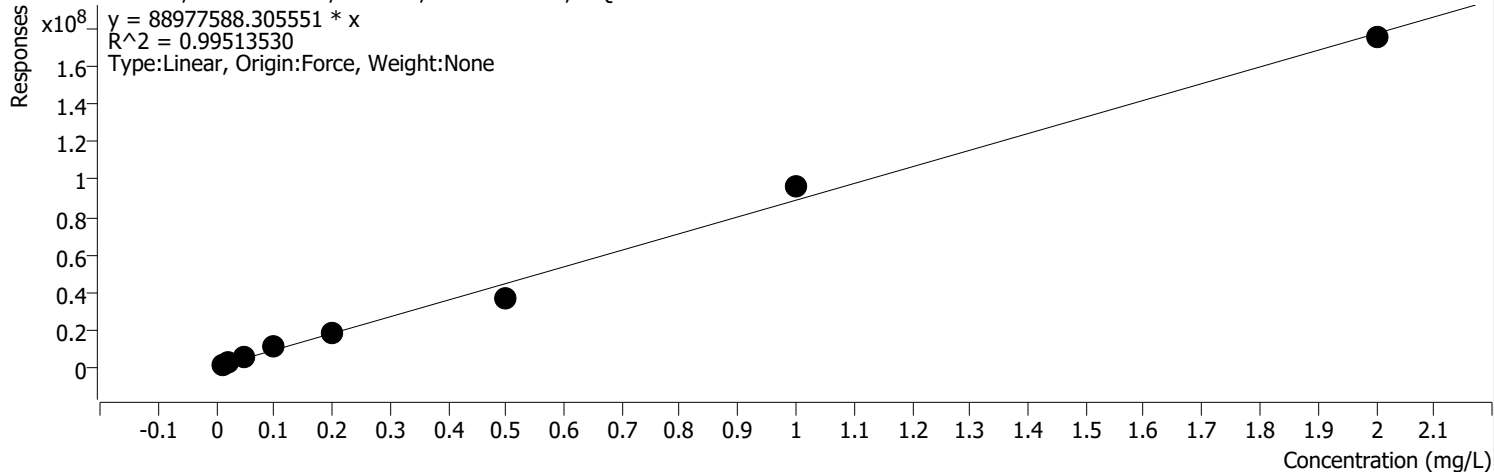
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1018393	0.0100	10183933 6.5289	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1983363	0.0200	99168147 .0755	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	4904582	0.0500	98091636 .1280	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	9246193	0.1000	92461928 .1525	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	16515515	0.2000	82577576 .6223	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	32893263	0.5000	65786525 .0817	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	88318086	1.0000	88318086 .2015	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	158877532	2.0000	79438766 .1175	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 %RSE = 19.0

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

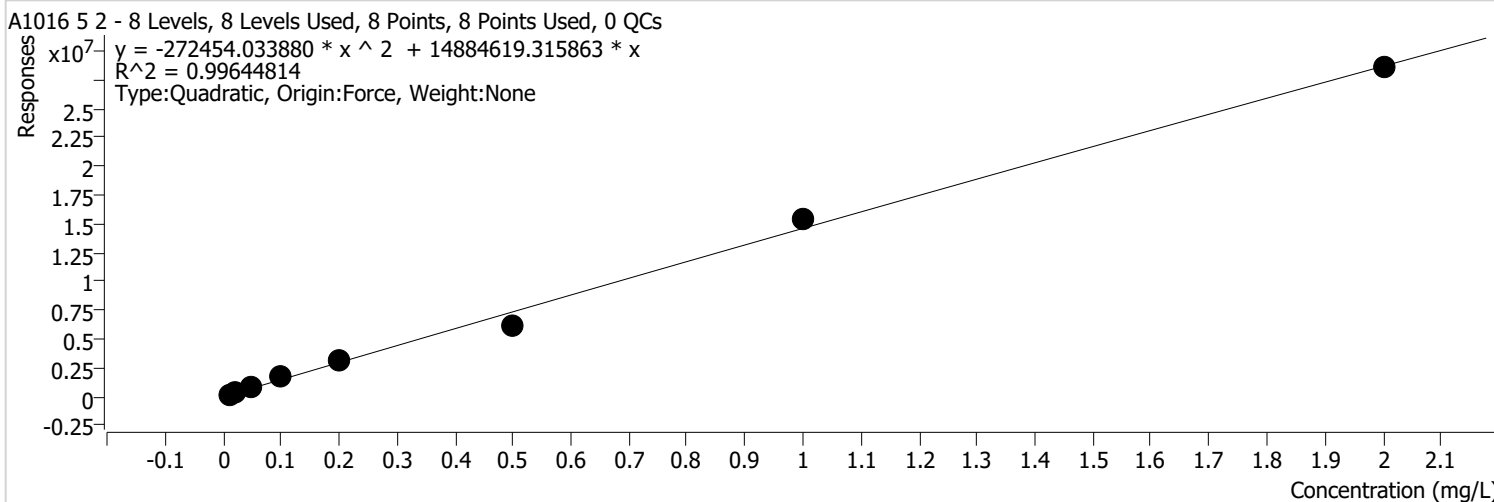


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1063326	0.0100	10633262 4.8270	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2266076	0.0200	11330379 4.8708	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	5339762	0.0500	10679524 0.0005	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	10233940	0.1000	10233939 7.3536	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	18655435	0.2000	93277174 .1700	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	36843220	0.5000	73686440 .8858	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	97001486	1.0000	97001485 .9821	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	175673815	2.0000	87836907 .6900	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 2 %RSE = 15.6

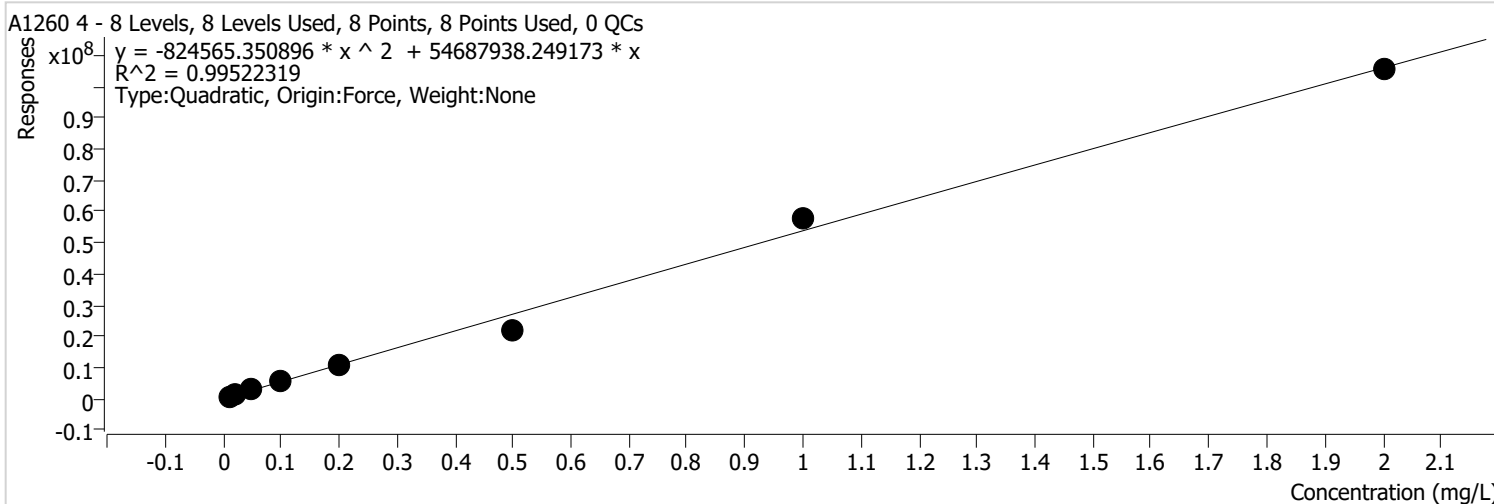


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	167242	0.0100	16724249 .4775	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	339072	0.0200	16953617 .7172	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	874896	0.0500	17497923 .2254	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1692048	0.1000	16920475 .0877	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3079390	0.2000	15396950 .2499	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6084661	0.5000	12169321 .9336	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15484491	1.0000	15484490 .7231	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28540201	2.0000	14270100 .4826	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 %RSE = 26.4

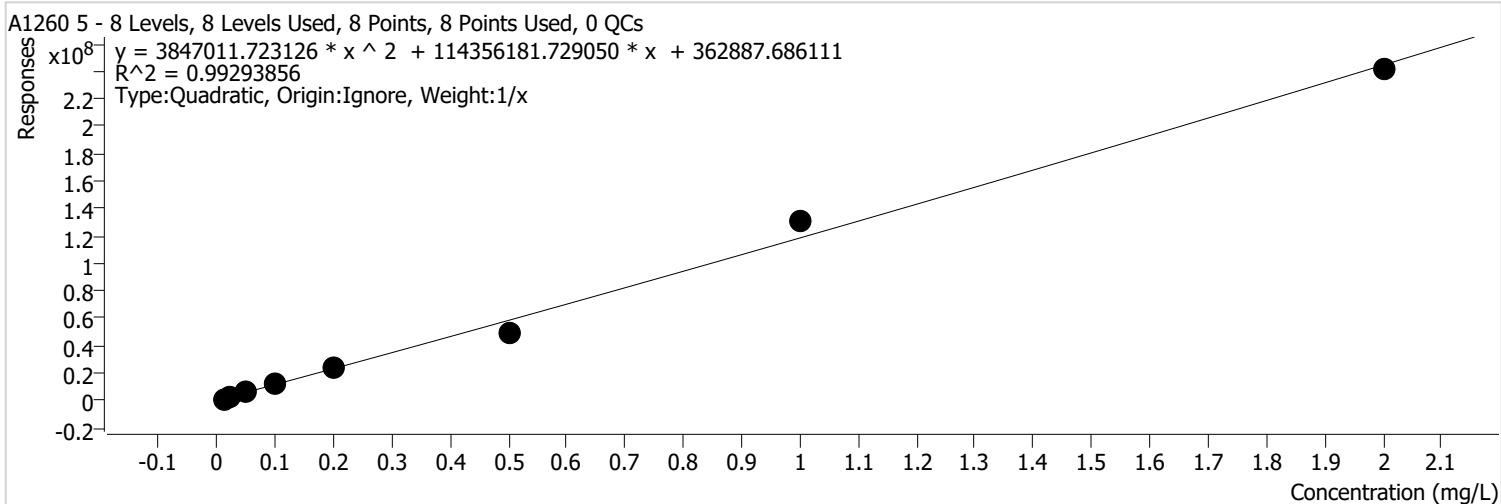


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	802961	0.0100	80296050 .2886	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1336301	0.0200	66815037 .1824	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3127375	0.0500	62547492 .6676	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6038966	0.1000	60389655 .9714	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10889214	0.2000	54446071 .0101	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21669221	0.5000	43338442 .2614	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57807238	1.0000	57807237 .5854	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105431867	2.0000	52715933 .5565	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 %RSE = 11.3

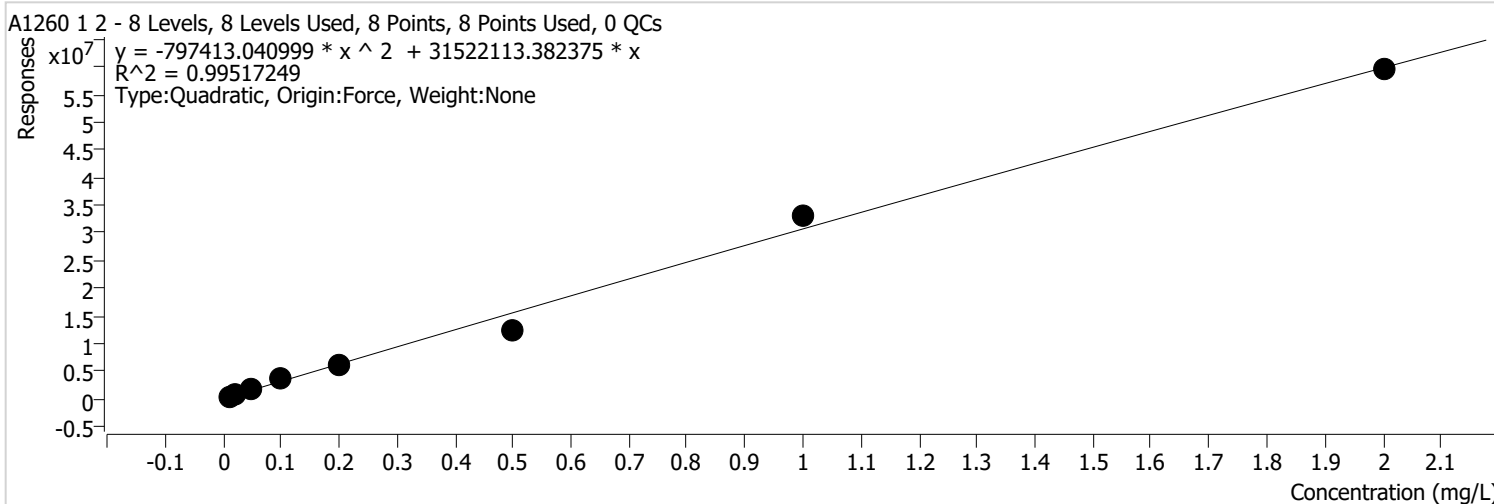


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1383613	0.0100	13836131 7.7950	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2690941	0.0200	13454706 3.8572	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	6519981	0.0500	13039961 8.6371	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	12793202	0.1000	12793202 2.1217	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	23841366	0.2000	11920683 1.9695	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	48448879	0.5000	96897758 .9707	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	130343343	1.0000	13034334 3.3107	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	240984463	2.0000	12049223 1.4882	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 2 %RSE = 16.1



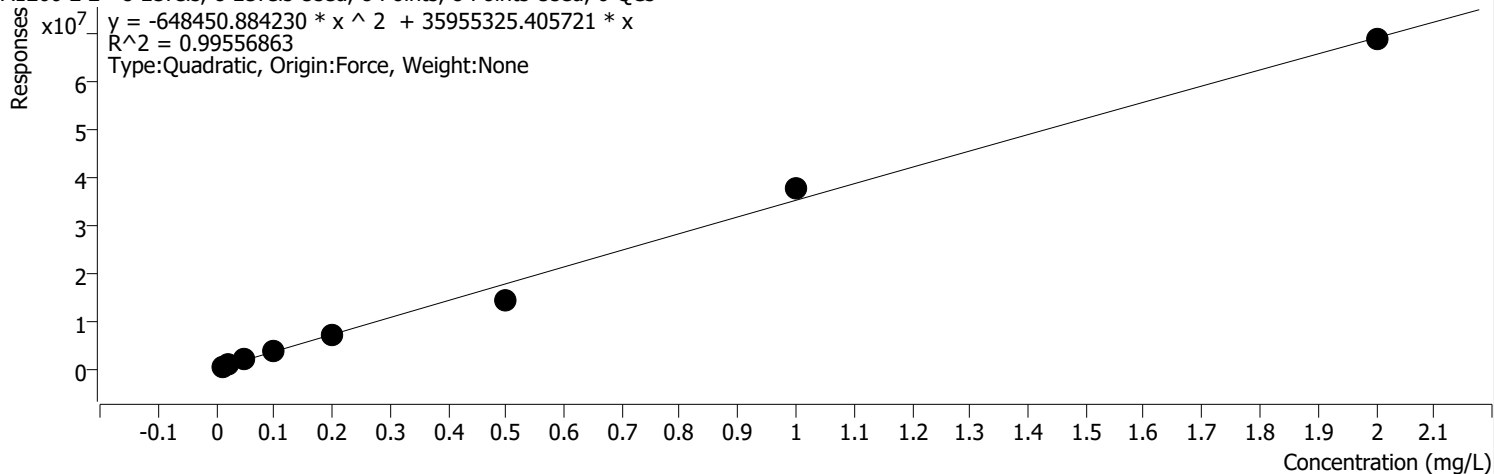
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1787466	0.0500	35749317.4926	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3520415	0.1000	35204145.0000	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6232292	0.2000	31161462.3284	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	12458130	0.5000	24916260.8090	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32970063	1.0000	32970063.2530	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	59486526	2.0000	29743262.8515	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 2 %RSE = 18.7

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



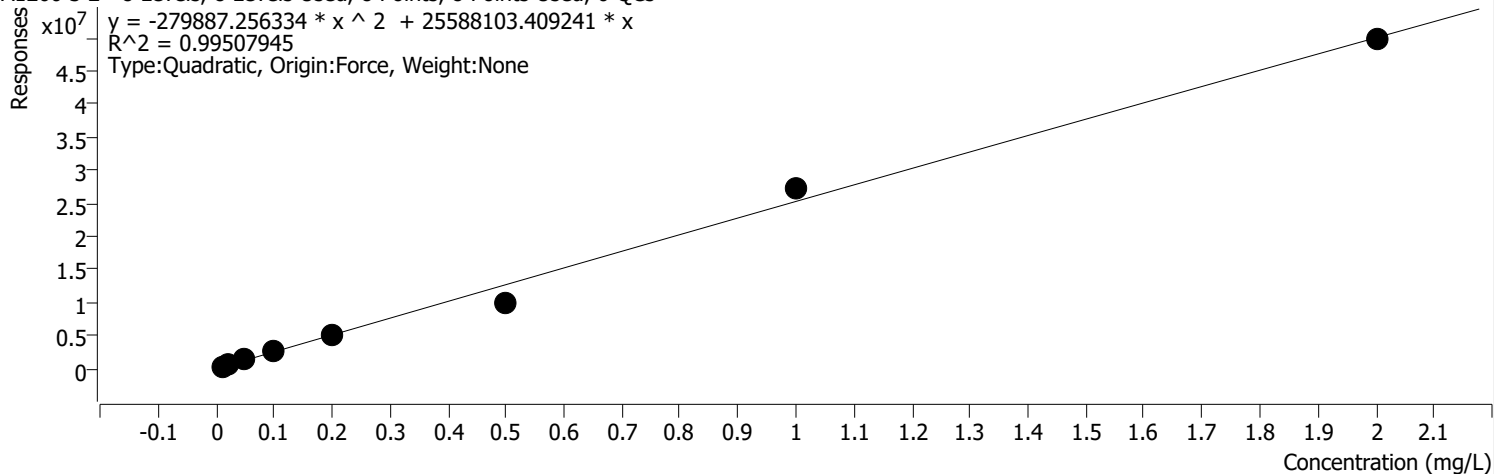
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	443402	0.0100	44340236 .3130	
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2066107	0.0500	41322135 .1458	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3926987	0.1000	39269873 .5003	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	7205702	0.2000	36028510 .4123	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	14364097	0.5000	28728193 .1205	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	37782579	1.0000	37782579 .0219	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	68912200	2.0000	34456100 .1074	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 2 %RSE = 15.3

A1260 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



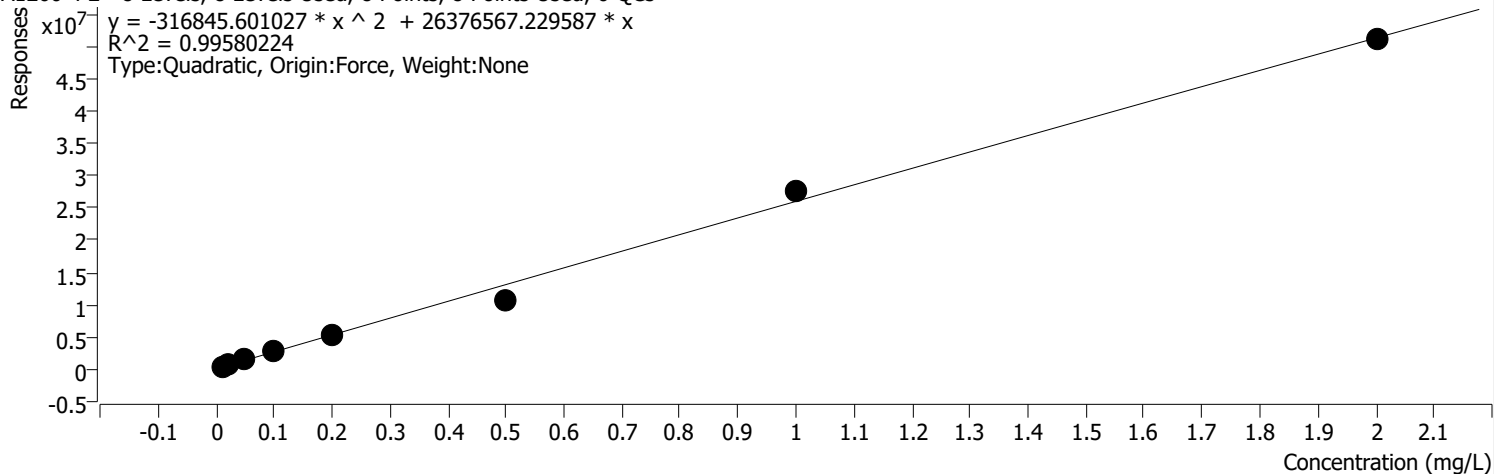
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	582796	0.0200	29139800 .4167	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1475327	0.0500	29506538 .8031	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2733900	0.1000	27339002 .8477	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5012189	0.2000	25060943 .9085	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10120336	0.5000	20240672 .6800	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27239902	1.0000	27239901 .6360	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49736839	2.0000	24868419 .4812	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 2 %RSE = 13.3

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



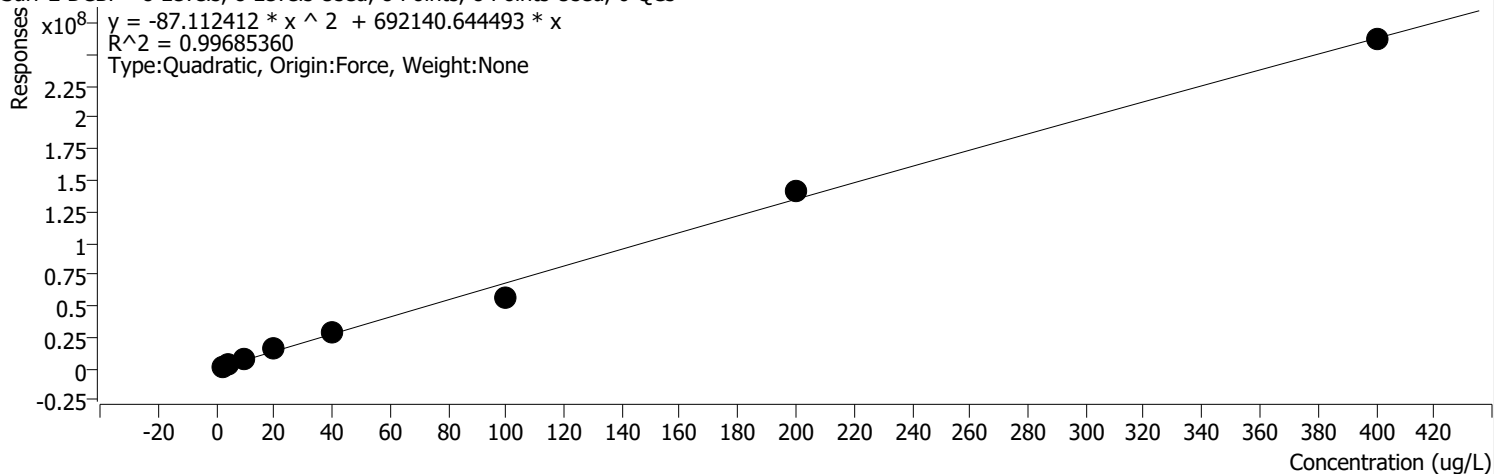
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	290302	0.0100	29030219 .7202	
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D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27839685	1.0000	27839685 .4125	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	51195635	2.0000	25597817 .4212	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE = 23.4

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



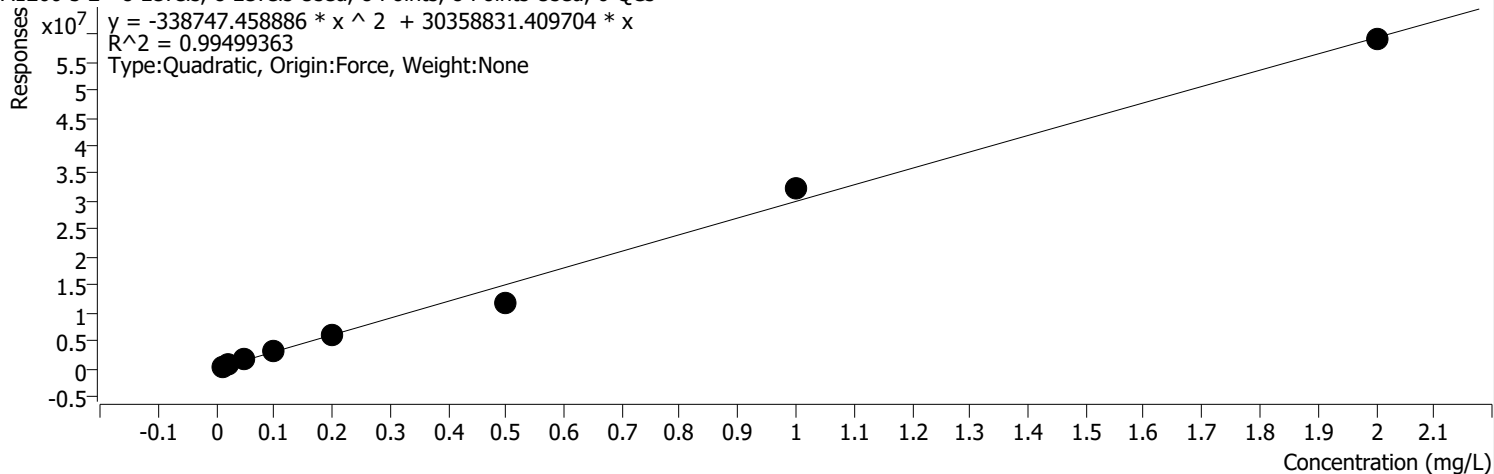
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1837032	2.0000	918516.1 245	
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	8284029	10.0000	828402.8 780	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15955410	20.0000	797770.5 106	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	29060736	40.0000	726518.4 072	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	57209022	100.0000	572090.2 214	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	142169181	200.0000	710845.9 034	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	261786300	400.0000	654465.7 491	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 2 %RSE = 12.1

A1260 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



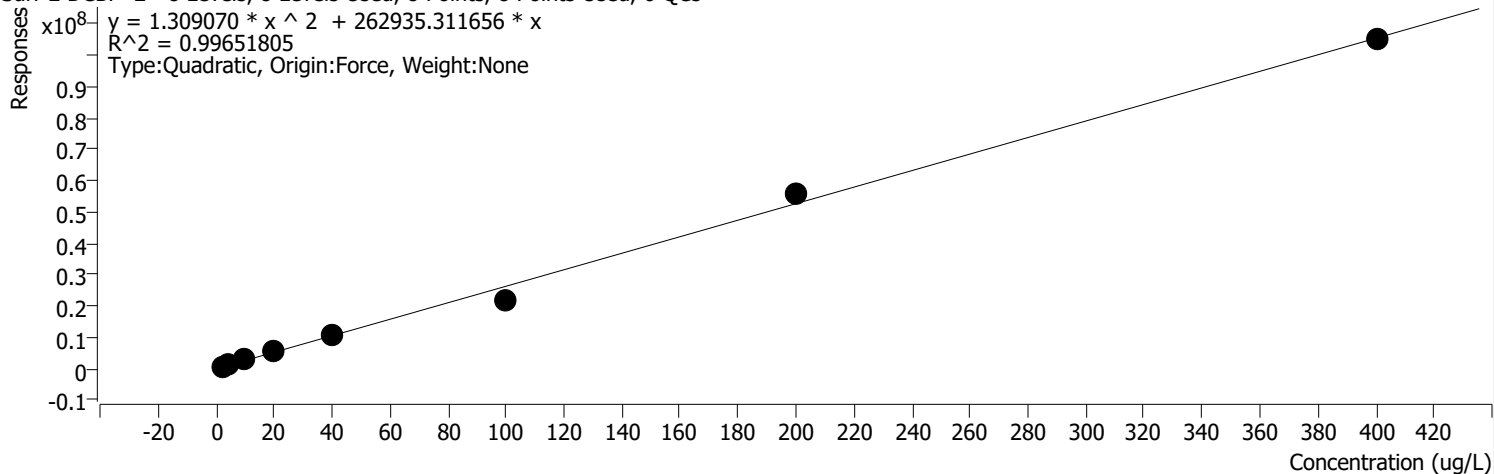
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1655732	0.0500	33114637 .7603	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3238542	0.1000	32385424 .8452	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6000115	0.2000	30000573 .6052	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11969487	0.5000	23938973 .1120	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32330249	1.0000	32330248 .9179	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	58980434	2.0000	29490217 .0930	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE = 14.8

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	603894	2.0000	301946.9 676	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1180748	4.0000	295186.9 240	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3033483	10.0000	303348.3 302	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5879991	20.0000	293999.5 624	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10568518	40.0000	264212.9 454	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21665223	100.0000	216652.2 290	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	55938835	200.0000	279694.1 773	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104846501	400.0000	262116.2 533	

PCB Calibration

+ 9270 ICAL

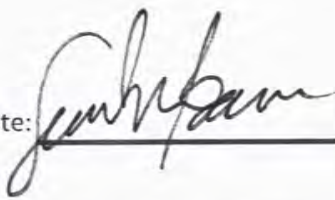
Date: 11/17/21
 Analyst: Sam Berman
 Hexane: 6023

Cal	ICV
Aroclor 1660: <u>25029</u>	Aroclor 1660: <u>24706</u>
Aroclor 1254: <u>23806</u>	Aroclor 1254: <u>24708</u>

Surrogate: 1L21: 20519 IS: 26161 1221: 25029 23016
26186 8/2 11/17/21

Spike Conc. (ppb)	Surr Conc. (ppb)	2° Spike (uL)	1° Spike (uL)	Surr (uL)	Remove (uL)	Final Vol. (mL)	Comments
10	2	5	--	--	5	1	
20	4	10	--	--	10	1	
50	10	25	--	--	25	1	
100	20	50	--	--	50	1	
200	40	100	--	--	100	1	
500	100	250	--	--	250	1	
1000	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>8/2 11/17/21</u>
2000	400	--	2 <u>0</u>	2 <u>0</u>	4 <u>22</u>	1	<u>8/2 11/17/21</u>
ICB	200	--	--	1 <u>0</u>	± <u>10</u>	1	<u>8/2 11/17/21</u>
ICV (1000 ppb)	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>8/2 11/17/21</u>

	1660 (uL)	1254 (uL)	Surr (uL)	Final Volume (mL)
2° Intermediate (1660)	2	--	2 <u>0</u>	1
2° Intermediate (1254)	--	2	2 <u>0</u>	1

Signature and Date:  11/17/21

DATA SET for Review -- Deliverable Requirements

Total Metals by EPA Method 6020B

Fremont Analytical Work Order No. 2112321

Shannon & Wilson

Project Name: 8801- Remediation

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information
- Tune Information

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\122321eh\

Report Date/Time: Thursday, December 23, 2021 09:46:37

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	08:06:27 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	WASH	08:12:01 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	NEW 2%	08:17:35 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	NEW 2%	08:23:10 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	BLANK	08:44:32 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	CAL BLK IS 25300	08:46:42 Thu	23-DBlank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 2	08:47:52 Thu	23-DStandard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 5	08:49:02 Thu	23-DStandard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 6	08:50:12 Thu	23-DStandard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	Standard 7	08:51:22 Thu	23-DStandard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	WASH	08:52:32 Thu	23-DQC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	ICB	08:53:42 Thu	23-DQC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	ICV	08:54:52 Thu	23-DQC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	BLANK	08:56:02 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	ICSA	09:03:41 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	WASH	09:04:51 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
	WASH	09:06:02 Thu	23-DSample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	
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	2112242-085AMS	09:18:56 Thu	23-DSample	C:\Users\Public\DocumMS,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
	2112242-085AMSD	09:20:07 Thu	23-DSample	C:\Users\Public\DocumMSD,M-6020-S . gistix\ICPMS\DataSet\Dec2021\1223	
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	CCB	09:33:11 Thu	23-DQC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Dec2021\1223	

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\

Report Date/Time: Tuesday, January 04, 2022 13:10:22

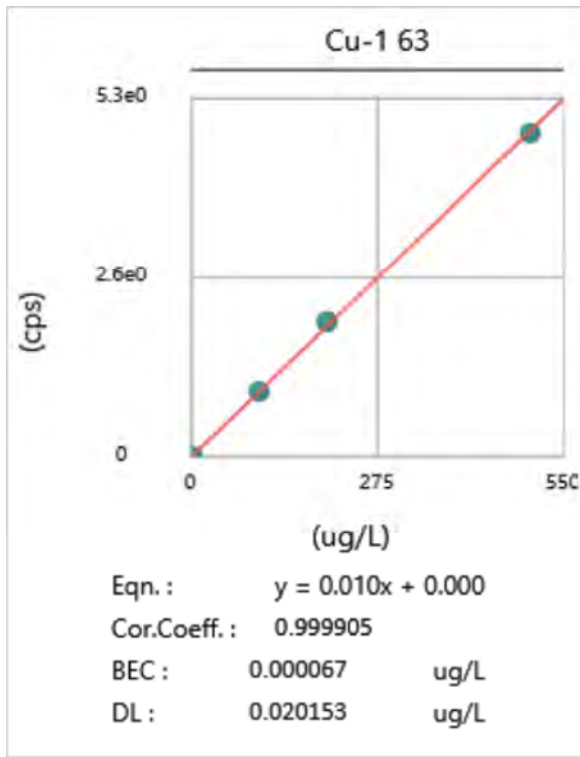
The Dataset

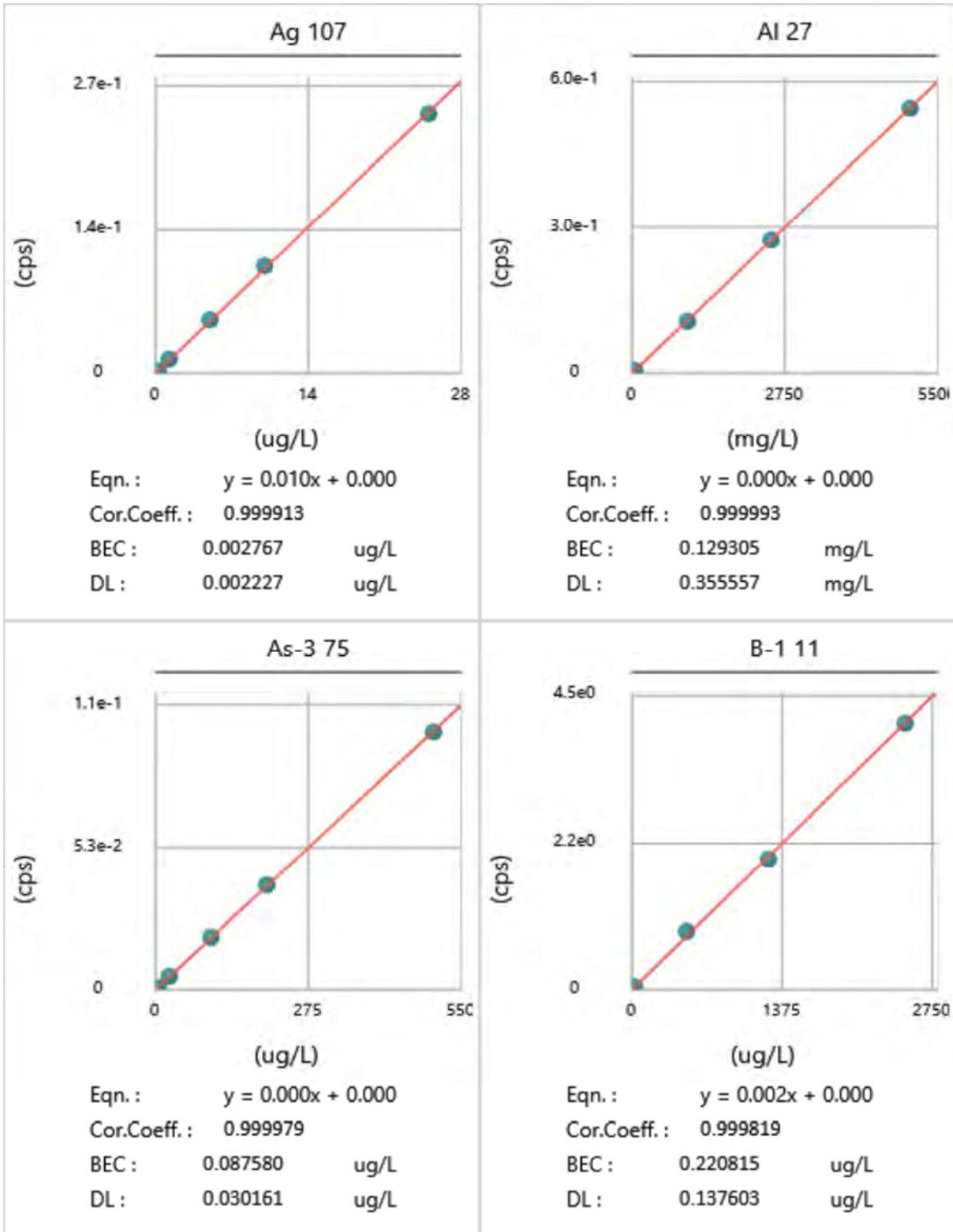
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	good di	09:56:14 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	09:58:53 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	good di	10:01:33 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
	new 2%	10:08:02 Tue	04-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
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	Standard 2	10:21:05 Tue	04-J:Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\010422eh\	
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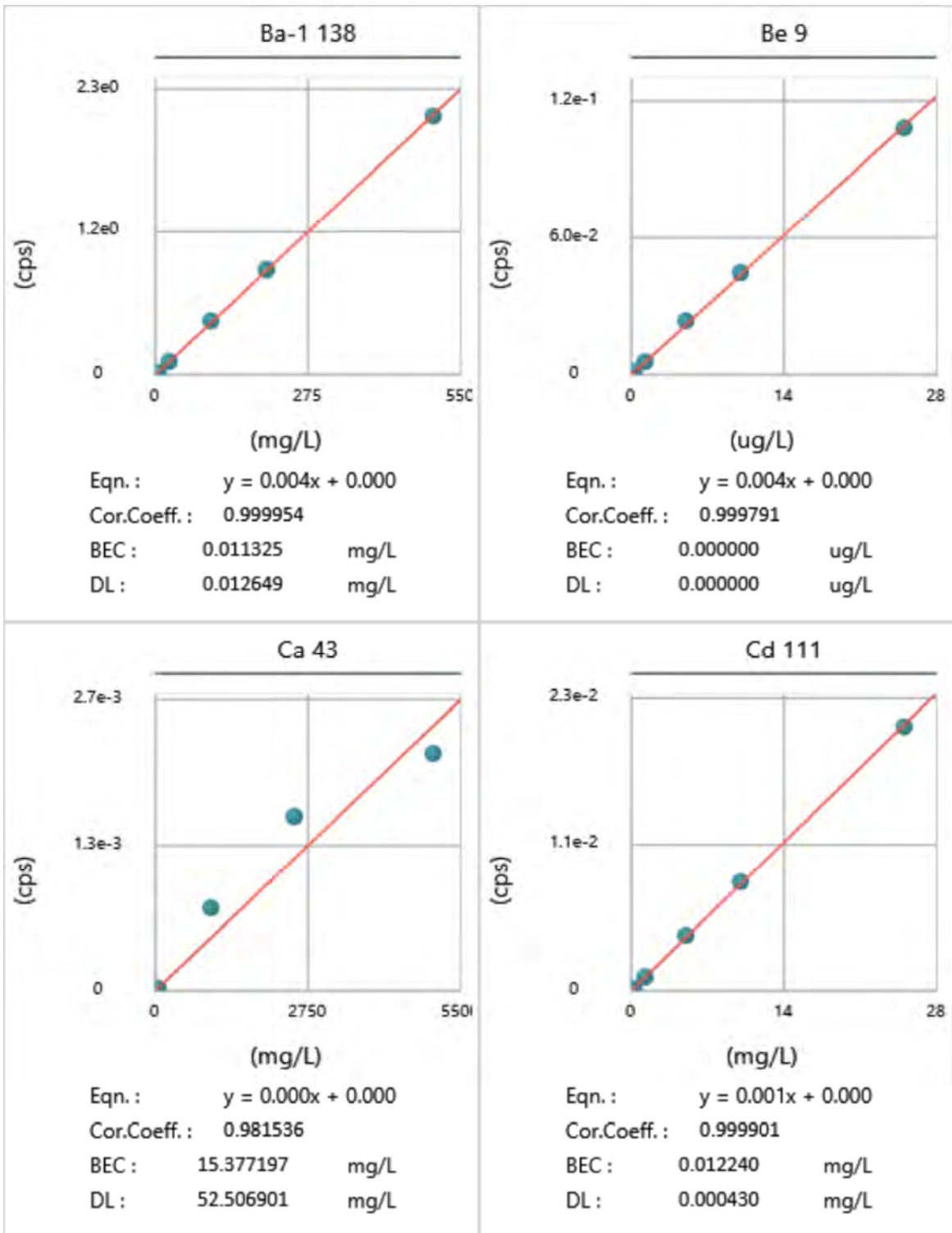
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CCV	13:02:16 Tue 04-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01042
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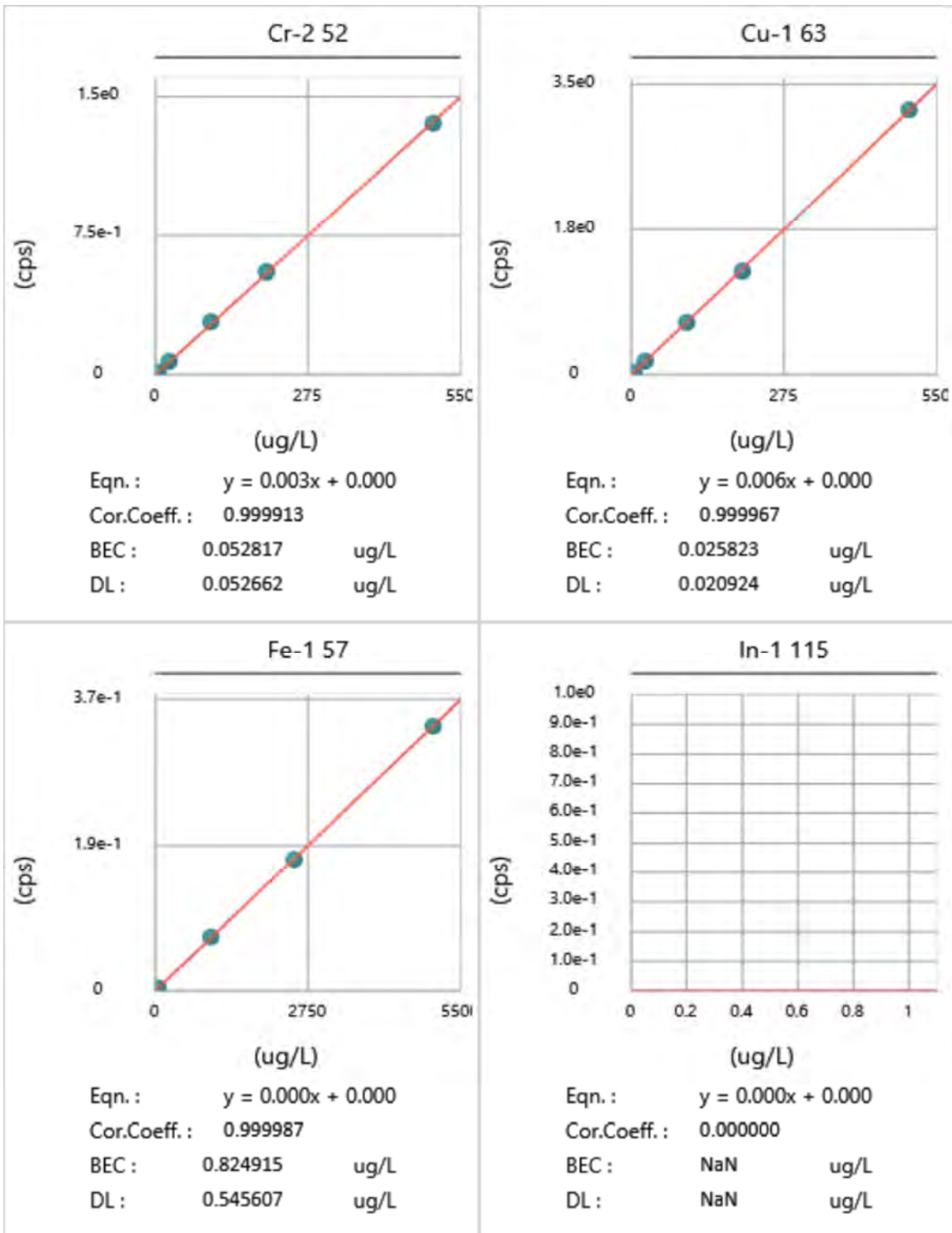


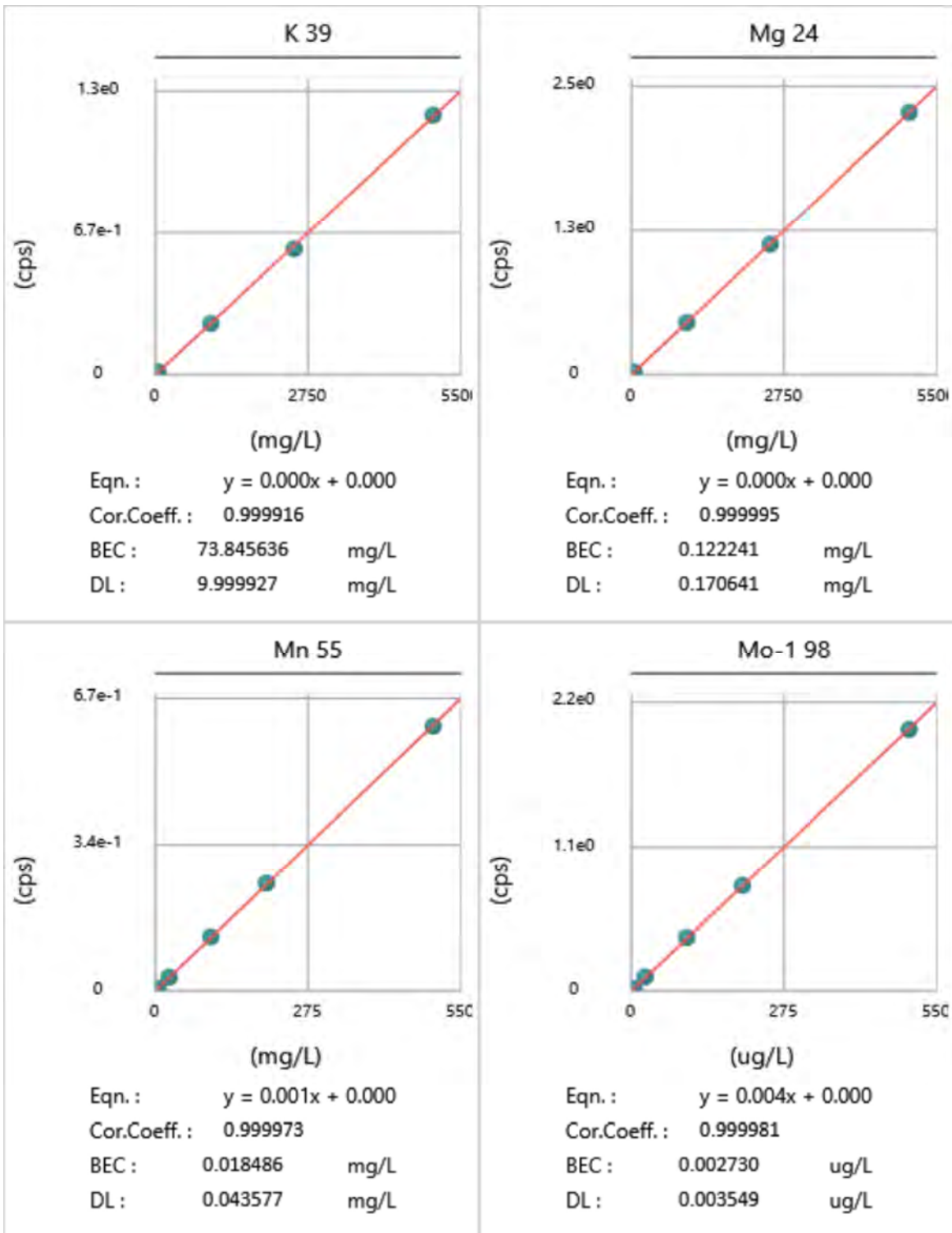
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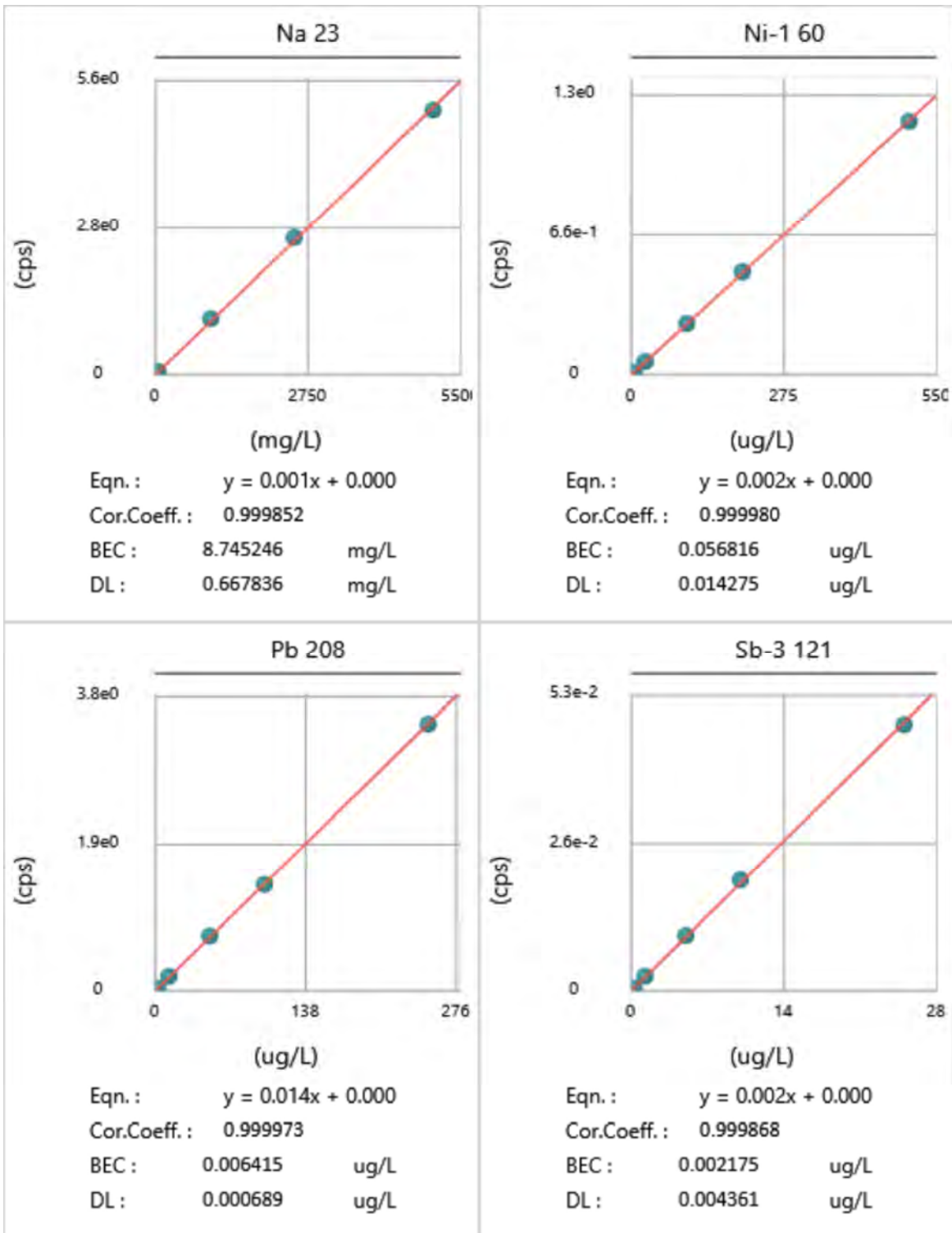


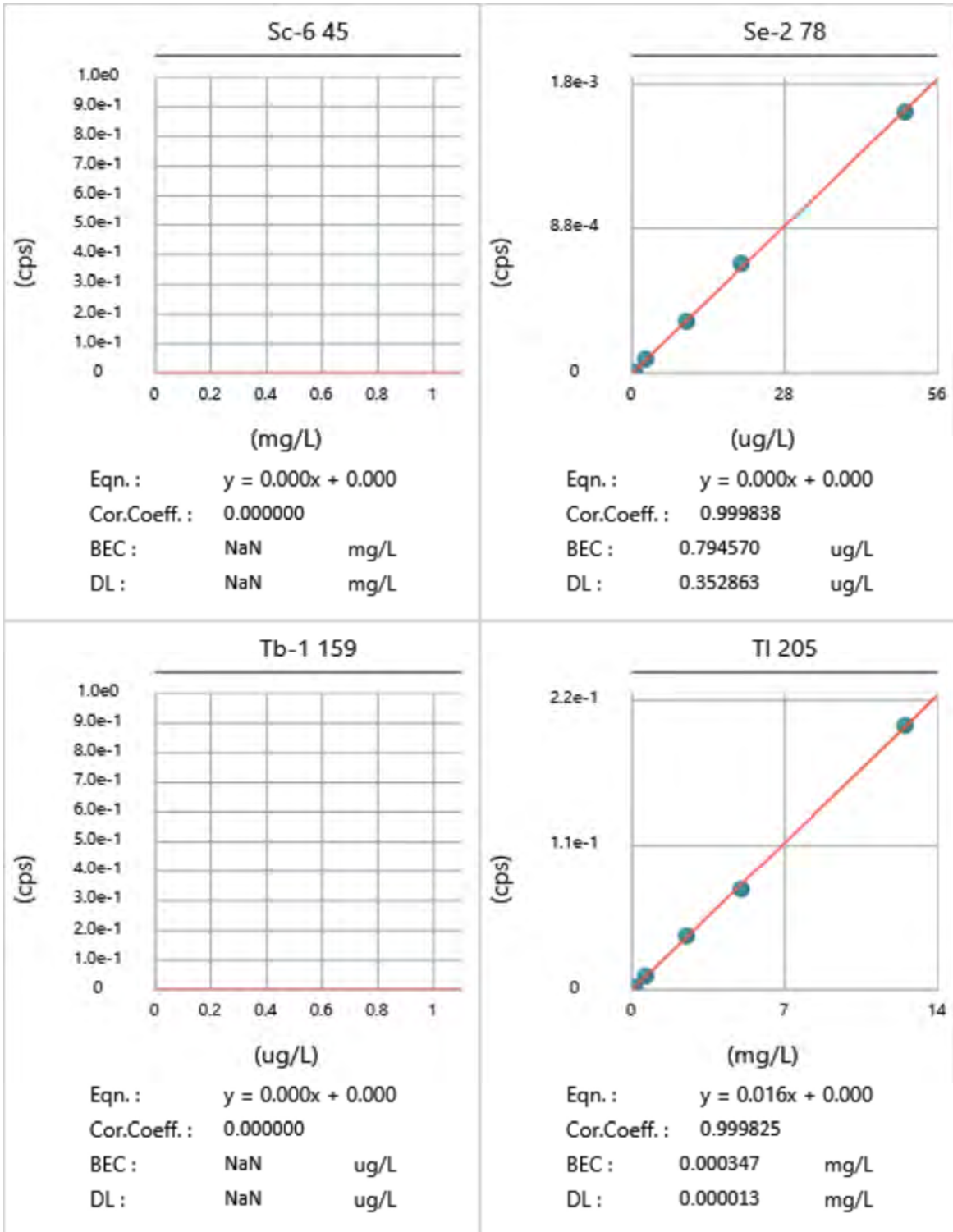


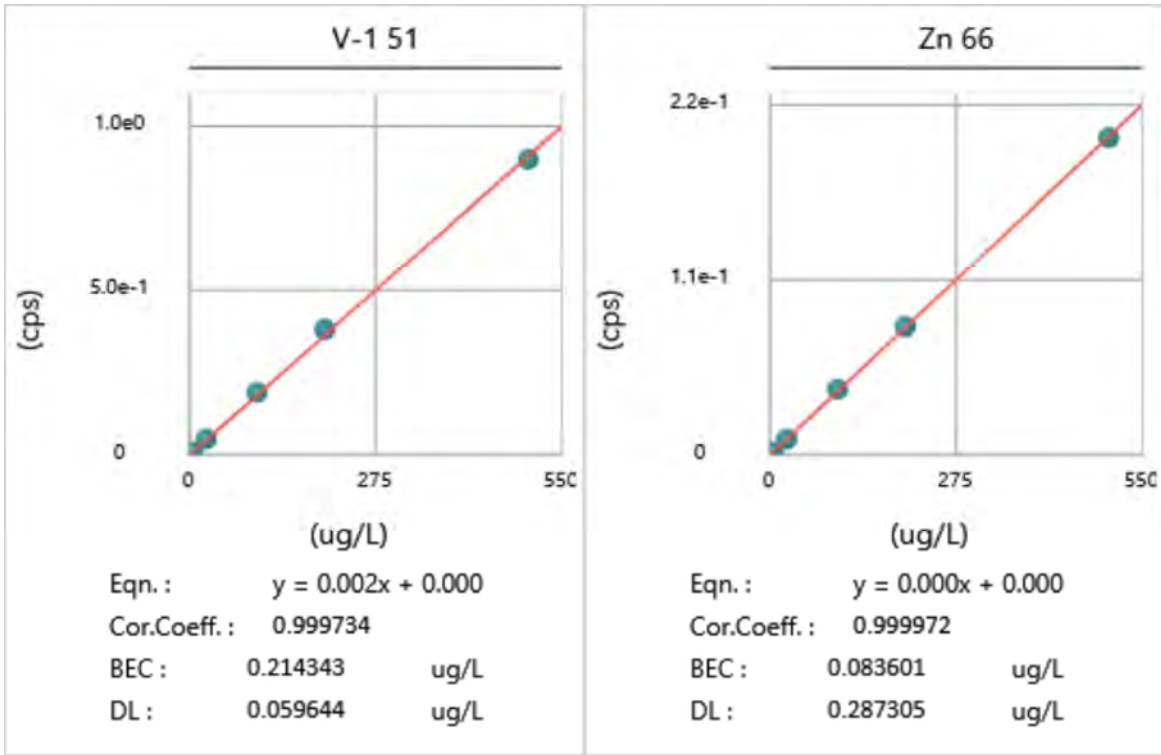














Tunes

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 12/23/2021 7:59:28 AM

End Time: 12/23/2021 8:01:51 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10911.77

Obtained Intensity (Mg 24): 49120.84

Obtained Intensity (In 115): 72613.11

Obtained Intensity (U 238): 59363.44

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.020 (=1406.34 / 70024.08)

Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=892.36 / 70024.08)

Obtained RSD (Be 9): 0.0137

Obtained RSD (Mg 24): 0.0047

Obtained RSD (In 115): 0.0149

Obtained RSD (U 238): 0.0152

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 12/23/2021 7:59:28 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10911.77
Obtained Intensity (Mg 24): 49120.84
Obtained Intensity (In 115): 72613.11
Obtained Intensity (U 238): 59363.44
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.020 (=1406.34 / 70024.08)
Obtained Formula (Ce++ 70 / Ce 140): 0.013 (=892.36 / 70024.08)
Obtained RSD (Be 9): 0.0137
Obtained RSD (Mg 24): 0.0047
Obtained RSD (In 115): 0.0149
Obtained RSD (U 238): 0.0152

[Passed] Optimum value(s): N/A

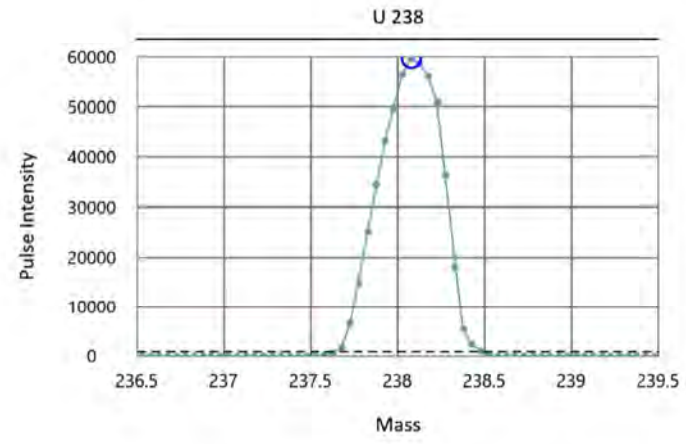
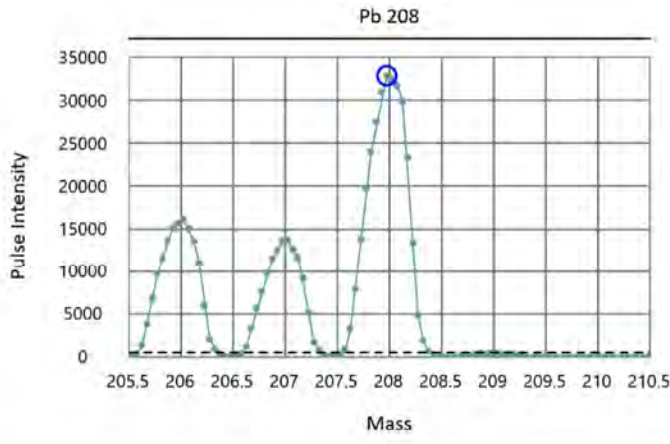
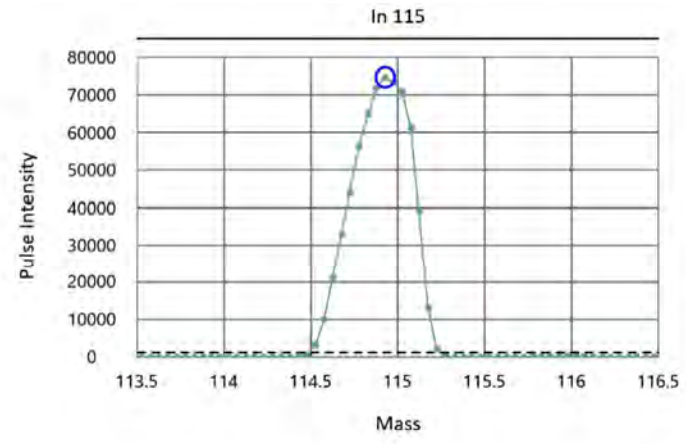
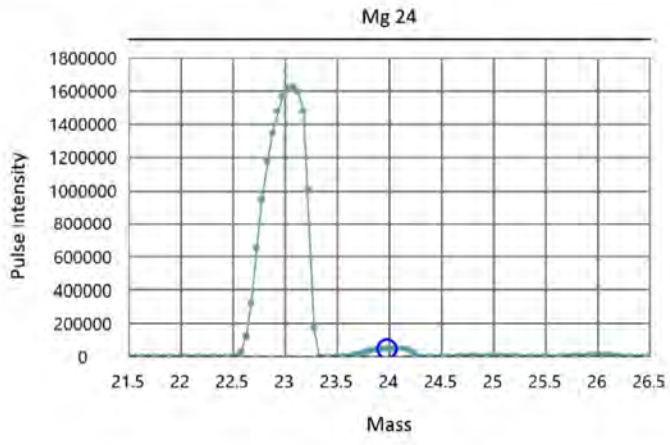
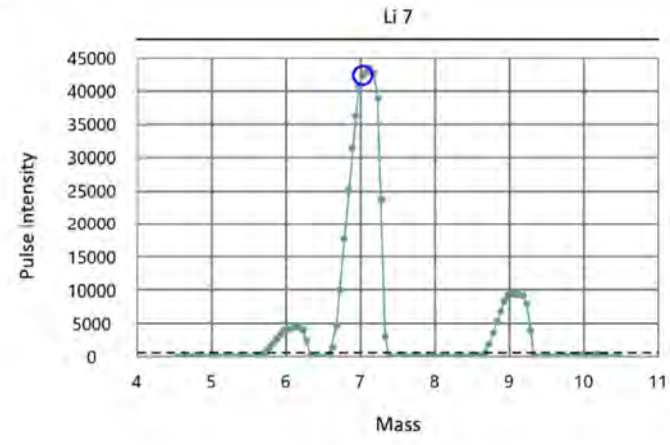
End Time: 12/23/2021 8:01:51 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.706)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.713)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.689)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.744)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.729)

Acq. Date/Time: 12/23/2021 7:44:13 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1327	2022	0.706	
Mg	23.985	23.975	4712	2023	0.713	
In	114.904	114.925	22858	2041	0.689	
Pb	207.977	207.975	41420	2060	0.744	
U	238.05	238.075	47422	2067	0.729	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/4/2022 9:40:02 AM

End Time: 1/4/2022 9:42:21 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10675.19

Obtained Intensity (Mg 24): 39169.63

Obtained Intensity (In 115): 64946.07

Obtained Intensity (U 238): 52950.44

Obtained Intensity (Bkgd 220): 0.07

Obtained Formula (CeO 156 / Ce 140): 0.025 (=1438.47 / 56598.70)

Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=842.69 / 56598.70)

Obtained RSD (Be 9): 0.0134

Obtained RSD (Mg 24): 0.0099

Obtained RSD (In 115): 0.0197

Obtained RSD (U 238): 0.0175

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/4/2022 9:40:02 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10675.19
Obtained Intensity (Mg 24): 39169.63
Obtained Intensity (In 115): 64946.07
Obtained Intensity (U 238): 52950.44
Obtained Intensity (Bkgd 220): 0.07
Obtained Formula (CeO 156 / Ce 140): 0.025 (=1438.47 / 56598.70)
Obtained Formula (Ce++ 70 / Ce 140): 0.015 (=842.69 / 56598.70)
Obtained RSD (Be 9): 0.0134
Obtained RSD (Mg 24): 0.0099
Obtained RSD (In 115): 0.0197
Obtained RSD (U 238): 0.0175

[Passed] Optimum value(s): N/A

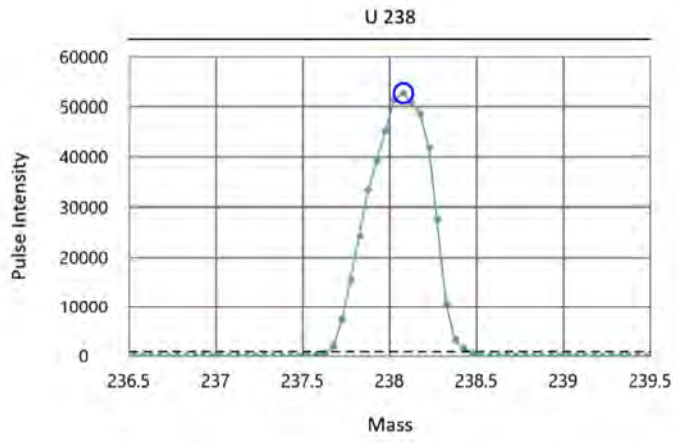
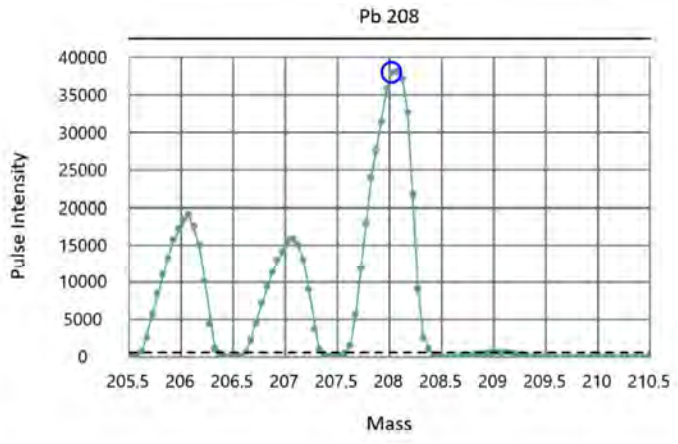
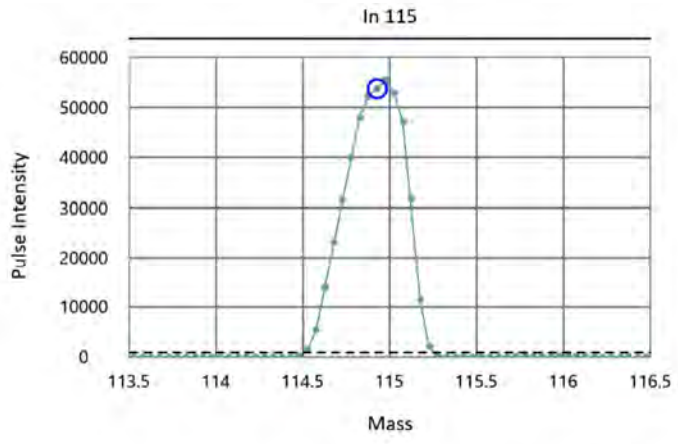
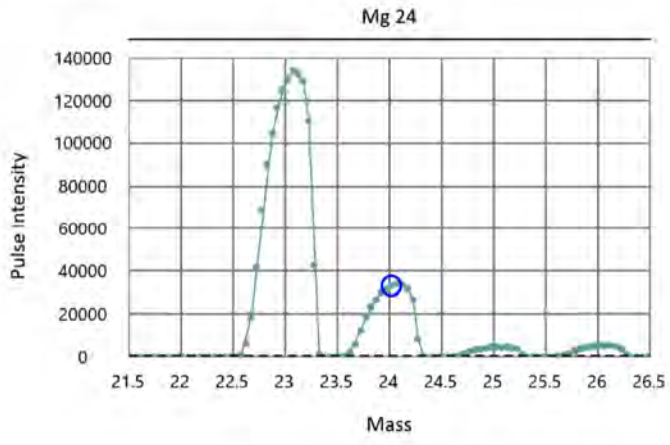
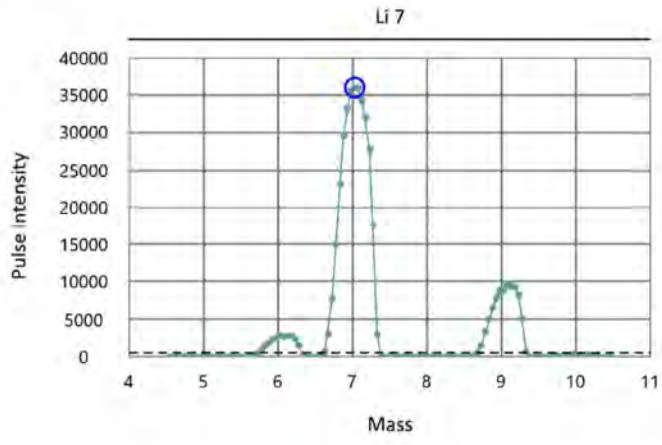
End Time: 1/4/2022 9:42:21 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.697)
 Target/Obtained mass (23.985/24.025), Target/Obtained resolution (0.7/0.704)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.682)
 Target/Obtained mass (207.977/208.025), Target/Obtained resolution (0.7/0.720)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.714)

Acq. Date/Time: 1/4/2022 9:25:30 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1325	2022	0.697	
Mg	23.985	24.025	4716	2023	0.704	
In	114.904	114.925	22856	2041	0.682	
Pb	207.977	208.025	41423	2060	0.720	
U	238.05	238.075	47423	2067	0.714	





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Seattle, WA 98103
T: (206) 352-3790
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info@fremontanalytical.com

Shannon & Wilson

Ryan Peterson
400 N. 34th Street, Suite 100
Seattle, WA 98103

RE: 8801 Remediation
Work Order Number: 2201334

February 01, 2022

Attention Ryan Peterson:

Fremont Analytical, Inc. received 76 sample(s) on 1/21/2022 for the analyses presented in the following report.

Metals (EPA 200.8) with SPLP Extraction (EPA 1312)
Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)
Total Metals by EPA Method 6020B

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Revision v1

www.fremontanalytical.com

CLIENT: Shannon & Wilson
Project: 8801 Remediation
Work Order: 2201334

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2201334-001	A4-SIDE98:2	01/21/2022 8:23 AM	01/21/2022 3:06 PM
2201334-002	A4-SIDE98:6	01/21/2022 8:26 AM	01/21/2022 3:06 PM
2201334-003	A4-SIDE99:2	01/21/2022 8:34 AM	01/21/2022 3:06 PM
2201334-004	A4-SIDE99:6	01/21/2022 8:38 AM	01/21/2022 3:06 PM
2201334-005	A4-SIDE99:8	01/21/2022 8:42 AM	01/21/2022 3:06 PM
2201334-006	A4-SIDE99:9	01/21/2022 8:43 AM	01/21/2022 3:06 PM
2201334-007	A4-SIDE99:10	01/21/2022 8:44 AM	01/21/2022 3:06 PM
2201334-008	A4-SIDE99:11	01/21/2022 8:45 AM	01/21/2022 3:06 PM
2201334-009	A4-SIDE99:12	01/21/2022 8:47 AM	01/21/2022 3:06 PM
2201334-010	A4-SIDE99:13	01/21/2022 8:48 AM	01/21/2022 3:06 PM
2201334-011	A4-SIDE99:14	01/21/2022 8:49 AM	01/21/2022 3:06 PM
2201334-012	A4-SIDE99:15	01/21/2022 8:50 AM	01/21/2022 3:06 PM
2201334-013	A4-SIDE120:2	01/21/2022 8:53 AM	01/21/2022 3:06 PM
2201334-014	A4-SIDE120:6	01/21/2022 8:56 AM	01/21/2022 3:06 PM
2201334-015	A4-SIDE215:2	01/21/2022 1:00 PM	01/21/2022 3:06 PM
2201334-016	A4-SIDE121:2	01/21/2022 9:01 AM	01/21/2022 3:06 PM
2201334-017	A4-SIDE121:6	01/21/2022 9:04 AM	01/21/2022 3:06 PM
2201334-018	A4-SIDE121:8	01/21/2022 9:09 AM	01/21/2022 3:06 PM
2201334-019	A4-SIDE121:9	01/21/2022 9:10 AM	01/21/2022 3:06 PM
2201334-020	A4-SIDE121:10	01/21/2022 9:11 AM	01/21/2022 3:06 PM
2201334-021	A4-SIDE121:11	01/21/2022 9:12 AM	01/21/2022 3:06 PM
2201334-022	A4-SIDE121:12	01/21/2022 9:13 AM	01/21/2022 3:06 PM
2201334-023	A4-SIDE121:13	01/21/2022 9:15 AM	01/21/2022 3:06 PM
2201334-024	A4-SIDE121:14	01/21/2022 9:16 AM	01/21/2022 3:06 PM
2201334-025	A4-SIDE122:2	01/21/2022 9:29 AM	01/21/2022 3:06 PM
2201334-026	A4-SIDE122:6	01/21/2022 9:34 AM	01/21/2022 3:06 PM
2201334-027	A4-SIDE123:2	01/21/2022 9:40 AM	01/21/2022 3:06 PM
2201334-028	A4-SIDE123:6	01/21/2022 9:43 AM	01/21/2022 3:06 PM
2201334-029	A4-SIDE123:8	01/21/2022 9:47 AM	01/21/2022 3:06 PM
2201334-030	A4-SIDE123:9	01/21/2022 9:48 AM	01/21/2022 3:06 PM
2201334-031	A4-SIDE123:10	01/21/2022 9:49 AM	01/21/2022 3:06 PM
2201334-032	A4-SIDE123:11	01/21/2022 9:50 AM	01/21/2022 3:06 PM
2201334-033	A4-SIDE123:12	01/21/2022 9:51 AM	01/21/2022 3:06 PM
2201334-034	A4-SIDE123:13	01/21/2022 9:51 AM	01/21/2022 3:06 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson
Project: 8801 Remediation
Work Order: 2201334

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2201334-035	A4-SIDE123:14	01/21/2022 9:52 AM	01/21/2022 3:06 PM
2201334-036	A4-SIDE123:15	01/21/2022 9:53 AM	01/21/2022 3:06 PM
2201334-037	A4-SIDE216:1	01/21/2022 1:01 PM	01/21/2022 3:06 PM
2201334-038	A4-SIDE124:1	01/21/2022 9:58 AM	01/21/2022 3:06 PM
2201334-039	A4-SIDE124:6	01/21/2022 10:04 AM	01/21/2022 3:06 PM
2201334-040	A4-SIDE125:2	01/21/2022 10:10 AM	01/21/2022 3:06 PM
2201334-041	A4-SIDE125:6	01/21/2022 10:13 AM	01/21/2022 3:06 PM
2201334-042	A4-SIDE125:8	01/21/2022 10:18 AM	01/21/2022 3:06 PM
2201334-043	A4-SIDE125:9	01/21/2022 10:19 AM	01/21/2022 3:06 PM
2201334-044	A4-SIDE125:10	01/21/2022 10:20 AM	01/21/2022 3:06 PM
2201334-045	A4-SIDE125:11	01/21/2022 10:21 AM	01/21/2022 3:06 PM
2201334-046	A4-SIDE125:12	01/21/2022 10:22 AM	01/21/2022 3:06 PM
2201334-047	A4-SIDE125:13	01/21/2022 10:22 AM	01/21/2022 3:06 PM
2201334-048	A4-SIDE125:14	01/21/2022 10:23 AM	01/21/2022 3:06 PM
2201334-049	A4-SIDE126:2	01/21/2022 10:35 AM	01/21/2022 3:06 PM
2201334-050	A4-SIDE126:6	01/21/2022 10:39 AM	01/21/2022 3:06 PM
2201334-051	A4-SIDE127:2	01/21/2022 10:44 AM	01/21/2022 3:06 PM
2201334-052	A4-SIDE127:6	01/21/2022 10:48 AM	01/21/2022 3:06 PM
2201334-053	A4-SIDE127:8	01/21/2022 10:52 AM	01/21/2022 3:06 PM
2201334-054	A4-SIDE127:9	01/21/2022 10:53 AM	01/21/2022 3:06 PM
2201334-055	A4-SIDE127:10	01/21/2022 10:54 AM	01/21/2022 3:06 PM
2201334-056	A4-SIDE127:11	01/21/2022 10:55 AM	01/21/2022 3:06 PM
2201334-057	A4-SIDE127:12	01/21/2022 10:56 AM	01/21/2022 3:06 PM
2201334-058	A4-SIDE127:13	01/21/2022 10:57 AM	01/21/2022 3:06 PM
2201334-059	A4-SIDE127:14	01/21/2022 10:58 AM	01/21/2022 3:06 PM
2201334-060	A4-SIDE127:14.5	01/21/2022 10:59 AM	01/21/2022 3:06 PM
2201334-061	A4-SIDE128:1	01/21/2022 11:05 AM	01/21/2022 3:06 PM
2201334-062	A4-SIDE128:6	01/21/2022 11:07 AM	01/21/2022 3:06 PM
2201334-063	A4-SIDE129:1	01/21/2022 11:13 AM	01/21/2022 3:06 PM
2201334-064	A4-SIDE129:6.2	01/21/2022 11:15 AM	01/21/2022 3:06 PM
2201334-065	A4-SIDE130:2	01/21/2022 12:34 PM	01/21/2022 3:06 PM
2201334-066	A4-SIDE130:6	01/21/2022 12:35 PM	01/21/2022 3:06 PM
2201334-067	A4-SIDE130:10	01/21/2022 12:36 PM	01/21/2022 3:06 PM
2201334-068	A4-SIDE131:2	01/21/2022 12:42 PM	01/21/2022 3:06 PM
2201334-069	A4-SIDE131:6	01/21/2022 12:45 PM	01/21/2022 3:06 PM
2201334-070	A4-SIDE132:2	01/21/2022 1:01 PM	01/21/2022 3:06 PM
2201334-071	A4-SIDE132:6	01/21/2022 1:04 PM	01/21/2022 3:06 PM
2201334-072	A4-SIDE133:2	01/21/2022 1:09 PM	01/21/2022 3:06 PM
2201334-073	A4-SIDE133:5.5	01/21/2022 1:13 PM	01/21/2022 3:06 PM
2201334-074	A4-SIDE134:2	01/21/2022 1:15 PM	01/21/2022 3:06 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson
Project: 8801 Remediation
Work Order: 2201334

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2201334-075	A4-SIDE134:6	01/21/2022 1:17 PM	01/21/2022 3:06 PM
2201334-076	A4-SIDE217:2	01/21/2022 3:00 PM	01/21/2022 3:06 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson

Project: 8801 Remediation

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2201334 -040-042, 61-66, 72-76) required Acid Cleanup Procedure (Using Method No 3665A).

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2201334 -040-042, 61-66, 72-76) required Florisil Cleanup Procedure (Using Method No 3620C).

2/25/2022: Revision 1 includes level 2B data validation package.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2201334
Date Reported: 2/1/2022

Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-040
Client Sample ID: A4-SIDE125:2

Collection Date: 1/21/2022 10:10:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 35117		Analyst: SB	
Aroclor 1016	ND	0.0558	0.00898		mg/Kg-dry	1	01/24/22 15:32:25
Aroclor 1221	ND	0.0558	0.00898		mg/Kg-dry	1	01/24/22 15:32:25
Aroclor 1232	ND	0.0558	0.00898		mg/Kg-dry	1	01/24/22 15:32:25
Aroclor 1242	ND	0.0558	0.00898		mg/Kg-dry	1	01/24/22 15:32:25
Aroclor 1248	ND	0.0558	0.0111		mg/Kg-dry	1	01/24/22 15:32:25
Aroclor 1254	ND	0.0558	0.0111		mg/Kg-dry	1	01/24/22 15:32:25
Aroclor 1260	ND	0.0558	0.0111		mg/Kg-dry	1	01/24/22 15:32:25
Aroclor 1262	ND	0.0558	0.0111		mg/Kg-dry	1	01/24/22 15:32:25
Aroclor 1268	ND	0.0558	0.0111		mg/Kg-dry	1	01/24/22 15:32:25
Total PCBs	ND	0.0558	0.0111		mg/Kg-dry	1	01/24/22 15:32:25
Surr: Decachlorobiphenyl	31.0	25.9 - 167			%Rec	1	01/24/22 15:32:25
Surr: Tetrachloro-m-xylene	69.4	31.3 - 173			%Rec	1	01/24/22 15:32:25
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 35113		Analyst: EH	
Copper	45.1	8.98	1.68		D mg/Kg-dry	10	01/25/22 12:21:10
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72742		Analyst: CB	
Percent Moisture	21.0	0.500	0.100		wt%	1	01/24/22 13:48:49



Client: Shannon & Wilson

Collection Date: 1/21/2022 10:13:00 AM

Project: 8801 Remediation

Lab ID: 2201334-041

Matrix: Soil

Client Sample ID: A4-SIDE125:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35117

Analyst: SB

Aroclor 1016	ND	0.0636	0.0102		mg/Kg-dry	1	01/24/22 15:42:12
Aroclor 1221	ND	0.0636	0.0102		mg/Kg-dry	1	01/24/22 15:42:12
Aroclor 1232	ND	0.0636	0.0102		mg/Kg-dry	1	01/24/22 15:42:12
Aroclor 1242	ND	0.0636	0.0102		mg/Kg-dry	1	01/24/22 15:42:12
Aroclor 1248	ND	0.0636	0.0126		mg/Kg-dry	1	01/24/22 15:42:12
Aroclor 1254	ND	0.0636	0.0126		mg/Kg-dry	1	01/24/22 15:42:12
Aroclor 1260	ND	0.0636	0.0126		mg/Kg-dry	1	01/24/22 15:42:12
Aroclor 1262	ND	0.0636	0.0126		mg/Kg-dry	1	01/24/22 15:42:12
Aroclor 1268	ND	0.0636	0.0126		mg/Kg-dry	1	01/24/22 15:42:12
Total PCBs	ND	0.0636	0.0126		mg/Kg-dry	1	01/24/22 15:42:12
Surr: Decachlorobiphenyl	51.2	25.9 - 167			%Rec	1	01/24/22 15:42:12
Surr: Tetrachloro-m-xylene	76.0	31.3 - 173			%Rec	1	01/24/22 15:42:12

Total Metals by EPA Method 6020B

Batch ID: 35113

Analyst: EH

Copper	11.9	9.18	1.72		D mg/Kg-dry	10	01/25/22 12:23:49
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Sample Moisture (Percent Moisture)

Batch ID: R72742

Analyst: CB

Percent Moisture	22.2	0.500	0.100		wt%	1	01/24/22 13:48:49
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Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-042
Client Sample ID: A4-SIDE125:8

Collection Date: 1/21/2022 10:18:00 AM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 35117		Analyst: SB	
Aroclor 1016	ND	0.0618	0.00997		mg/Kg-dry	1	01/24/22 15:52:03
Aroclor 1221	ND	0.0618	0.00997		mg/Kg-dry	1	01/24/22 15:52:03
Aroclor 1232	ND	0.0618	0.00997		mg/Kg-dry	1	01/24/22 15:52:03
Aroclor 1242	ND	0.0618	0.00997		mg/Kg-dry	1	01/24/22 15:52:03
Aroclor 1248	ND	0.0618	0.0123		mg/Kg-dry	1	01/24/22 15:52:03
Aroclor 1254	ND	0.0618	0.0123		mg/Kg-dry	1	01/24/22 15:52:03
Aroclor 1260	ND	0.0618	0.0123		mg/Kg-dry	1	01/24/22 15:52:03
Aroclor 1262	ND	0.0618	0.0123		mg/Kg-dry	1	01/24/22 15:52:03
Aroclor 1268	ND	0.0618	0.0123		mg/Kg-dry	1	01/24/22 15:52:03
Total PCBs	ND	0.0618	0.0123		mg/Kg-dry	1	01/24/22 15:52:03
Surr: Decachlorobiphenyl	57.5	25.9 - 167			%Rec	1	01/24/22 15:52:03
Surr: Tetrachloro-m-xylene	68.1	31.3 - 173			%Rec	1	01/24/22 15:52:03
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 35113		Analyst: EH	
Copper	19.6	1.05	0.196		mg/Kg-dry	1	01/25/22 11:59:19
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72742		Analyst: CB	
Percent Moisture	27.8	0.500	0.100		wt%	1	01/24/22 13:48:49



Client: Shannon & Wilson

Collection Date: 1/21/2022 10:35:00 AM

Project: 8801 Remediation

Lab ID: 2201334-049

Matrix: Soil

Client Sample ID: A4-SIDE126:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35139

Analyst: SB

Aroclor 1016	ND	0.0625	0.0101		mg/Kg-dry	1	01/27/22 10:17:43
Aroclor 1221	ND	0.0625	0.0101		mg/Kg-dry	1	01/27/22 10:17:43
Aroclor 1232	ND	0.0625	0.0101		mg/Kg-dry	1	01/27/22 10:17:43
Aroclor 1242	ND	0.0625	0.0101		mg/Kg-dry	1	01/27/22 10:17:43
Aroclor 1248	ND	0.0625	0.0124		mg/Kg-dry	1	01/27/22 10:17:43
Aroclor 1254	0.154	0.0625	0.0124		mg/Kg-dry	1	01/27/22 10:17:43
Aroclor 1260	ND	0.0625	0.0124		mg/Kg-dry	1	01/27/22 10:17:43
Aroclor 1262	ND	0.0625	0.0124		mg/Kg-dry	1	01/27/22 10:17:43
Aroclor 1268	ND	0.0625	0.0124		mg/Kg-dry	1	01/27/22 10:17:43
Total PCBs	0.154	0.0625	0.0124		mg/Kg-dry	1	01/27/22 10:17:43
Surr: Decachlorobiphenyl	71.1	25.9 - 167			%Rec	1	01/27/22 10:17:43
Surr: Tetrachloro-m-xylene	114	31.3 - 173			%Rec	1	01/27/22 10:17:43

Total Metals by EPA Method 6020B

Batch ID: 35135

Analyst: EH

Copper	208	10.1	1.90		D mg/Kg-dry	10	01/27/22 15:28:59
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Sample Moisture (Percent Moisture)

Batch ID: R72777

Analyst: CB

Percent Moisture	22.3	0.500	0.100		wt%	1	01/26/22 9:02:06
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Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-050
Client Sample ID: A4-SIDE126:6

Collection Date: 1/21/2022 10:39:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35139 Analyst: SB

Aroclor 1016	ND	0.0598	0.00963		mg/Kg-dry	1	01/26/22 12:10:02
Aroclor 1221	ND	0.0598	0.00963		mg/Kg-dry	1	01/26/22 12:10:02
Aroclor 1232	ND	0.0598	0.00963		mg/Kg-dry	1	01/26/22 12:10:02
Aroclor 1242	ND	0.0598	0.00963		mg/Kg-dry	1	01/26/22 12:10:02
Aroclor 1248	ND	0.0598	0.0119		mg/Kg-dry	1	01/26/22 12:10:02
Aroclor 1254	ND	0.0598	0.0119		mg/Kg-dry	1	01/26/22 12:10:02
Aroclor 1260	ND	0.0598	0.0119		mg/Kg-dry	1	01/26/22 12:10:02
Aroclor 1262	ND	0.0598	0.0119		mg/Kg-dry	1	01/26/22 12:10:02
Aroclor 1268	ND	0.0598	0.0119		mg/Kg-dry	1	01/26/22 12:10:02
Total PCBs	ND	0.0598	0.0119		mg/Kg-dry	1	01/26/22 12:10:02
Surr: Decachlorobiphenyl	44.6	25.9 - 167			%Rec	1	01/26/22 12:10:02
Surr: Tetrachloro-m-xylene	71.7	31.3 - 173			%Rec	1	01/26/22 12:10:02

Total Metals by EPA Method 6020B

Batch ID: 35135 Analyst: EH

Copper	35.4	9.71	1.82		D mg/Kg-dry	10	01/26/22 17:11:05
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Sample Moisture (Percent Moisture)

Batch ID: R72777 Analyst: CB

Percent Moisture	23.2	0.500	0.100		wt%	1	01/26/22 9:02:06
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Client: Shannon & Wilson

Collection Date: 1/21/2022 10:44:00 AM

Project: 8801 Remediation

Lab ID: 2201334-051

Matrix: Soil

Client Sample ID: A4-SIDE127:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35139

Analyst: SB

Aroclor 1016	ND	0.0619	0.00997		mg/Kg-dry	1	01/26/22 12:19:53
Aroclor 1221	ND	0.0619	0.00997		mg/Kg-dry	1	01/26/22 12:19:53
Aroclor 1232	ND	0.0619	0.00997		mg/Kg-dry	1	01/26/22 12:19:53
Aroclor 1242	ND	0.0619	0.00997		mg/Kg-dry	1	01/26/22 12:19:53
Aroclor 1248	ND	0.0619	0.0123		mg/Kg-dry	1	01/26/22 12:19:53
Aroclor 1254	ND	0.0619	0.0123		mg/Kg-dry	1	01/26/22 12:19:53
Aroclor 1260	ND	0.0619	0.0123		mg/Kg-dry	1	01/26/22 12:19:53
Aroclor 1262	ND	0.0619	0.0123		mg/Kg-dry	1	01/26/22 12:19:53
Aroclor 1268	ND	0.0619	0.0123		mg/Kg-dry	1	01/26/22 12:19:53
Total PCBs	ND	0.0619	0.0123		mg/Kg-dry	1	01/26/22 12:19:53
Surr: Decachlorobiphenyl	33.6	25.9 - 167			%Rec	1	01/26/22 12:19:53
Surr: Tetrachloro-m-xylene	73.7	31.3 - 173			%Rec	1	01/26/22 12:19:53

Total Metals by EPA Method 6020B

Batch ID: 35135

Analyst: EH

Copper	69.7	9.60	1.80		D mg/Kg-dry	10	01/26/22 17:13:59
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Sample Moisture (Percent Moisture)

Batch ID: R72777

Analyst: CB

Percent Moisture	22.2	0.500	0.100		wt%	1	01/26/22 9:02:06
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Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-052
Client Sample ID: A4-SIDE127:6

Collection Date: 1/21/2022 10:48:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35139 Analyst: SB

Aroclor 1016	ND	0.0586	0.00945		mg/Kg-dry	1	01/27/22 10:27:31
Aroclor 1221	ND	0.0586	0.00945		mg/Kg-dry	1	01/27/22 10:27:31
Aroclor 1232	ND	0.0586	0.00945		mg/Kg-dry	1	01/27/22 10:27:31
Aroclor 1242	ND	0.0586	0.00945		mg/Kg-dry	1	01/27/22 10:27:31
Aroclor 1248	ND	0.0586	0.0117		mg/Kg-dry	1	01/27/22 10:27:31
Aroclor 1254	0.215	0.0586	0.0117		mg/Kg-dry	1	01/27/22 10:27:31
Aroclor 1260	ND	0.0586	0.0117		mg/Kg-dry	1	01/27/22 10:27:31
Aroclor 1262	ND	0.0586	0.0117		mg/Kg-dry	1	01/27/22 10:27:31
Aroclor 1268	ND	0.0586	0.0117		mg/Kg-dry	1	01/27/22 10:27:31
Total PCBs	0.215	0.0586	0.0117		mg/Kg-dry	1	01/27/22 10:27:31
Surr: Decachlorobiphenyl	63.7	25.9 - 167			%Rec	1	01/27/22 10:27:31
Surr: Tetrachloro-m-xylene	108	31.3 - 173			%Rec	1	01/27/22 10:27:31

Total Metals by EPA Method 6020B

Batch ID: 35135 Analyst: EH

Copper	36.3	10.6	1.99		D mg/Kg-dry	10	01/26/22 17:16:53
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Sample Moisture (Percent Moisture)

Batch ID: R72777 Analyst: CB

Percent Moisture	26.5	0.500	0.100		wt%	1	01/26/22 9:02:06
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Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-053
Client Sample ID: A4-SIDE127:8

Collection Date: 1/21/2022 10:52:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35139 Analyst: SB

Aroclor 1016	ND	0.0569	0.00916		mg/Kg-dry	1	01/26/22 12:39:32
Aroclor 1221	ND	0.0569	0.00916		mg/Kg-dry	1	01/26/22 12:39:32
Aroclor 1232	ND	0.0569	0.00916		mg/Kg-dry	1	01/26/22 12:39:32
Aroclor 1242	ND	0.0569	0.00916		mg/Kg-dry	1	01/26/22 12:39:32
Aroclor 1248	ND	0.0569	0.0113		mg/Kg-dry	1	01/26/22 12:39:32
Aroclor 1254	ND	0.0569	0.0113		mg/Kg-dry	1	01/26/22 12:39:32
Aroclor 1260	ND	0.0569	0.0113		mg/Kg-dry	1	01/26/22 12:39:32
Aroclor 1262	ND	0.0569	0.0113		mg/Kg-dry	1	01/26/22 12:39:32
Aroclor 1268	ND	0.0569	0.0113		mg/Kg-dry	1	01/26/22 12:39:32
Total PCBs	ND	0.0569	0.0113		mg/Kg-dry	1	01/26/22 12:39:32
Surr: Decachlorobiphenyl	50.5	25.9 - 167			%Rec	1	01/26/22 12:39:32
Surr: Tetrachloro-m-xylene	83.9	31.3 - 173			%Rec	1	01/26/22 12:39:32

Total Metals by EPA Method 6020B

Batch ID: 35135 Analyst: EH

Copper	25.1	9.96	1.86		D mg/Kg-dry	10	01/26/22 17:19:47
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Sample Moisture (Percent Moisture)

Batch ID: R72777 Analyst: CB

Percent Moisture	23.9	0.500	0.100		wt%	1	01/26/22 9:02:06
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Client: Shannon & Wilson

Collection Date: 1/21/2022 11:05:00 AM

Project: 8801 Remediation

Lab ID: 2201334-061

Matrix: Soil

Client Sample ID: A4-SIDE128:1

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35117

Analyst: SB

Aroclor 1016	ND	0.0549	0.00885		mg/Kg-dry	1	01/24/22 16:01:48
Aroclor 1221	ND	0.0549	0.00885		mg/Kg-dry	1	01/24/22 16:01:48
Aroclor 1232	ND	0.0549	0.00885		mg/Kg-dry	1	01/24/22 16:01:48
Aroclor 1242	ND	0.0549	0.00885		mg/Kg-dry	1	01/24/22 16:01:48
Aroclor 1248	ND	0.0549	0.0109		mg/Kg-dry	1	01/24/22 16:01:48
Aroclor 1254	0.0903	0.0549	0.0109		mg/Kg-dry	1	01/24/22 16:01:48
Aroclor 1260	ND	0.0549	0.0109		mg/Kg-dry	1	01/24/22 16:01:48
Aroclor 1262	ND	0.0549	0.0109		mg/Kg-dry	1	01/24/22 16:01:48
Aroclor 1268	ND	0.0549	0.0109		mg/Kg-dry	1	01/24/22 16:01:48
Total PCBs	0.0903	0.0549	0.0109		mg/Kg-dry	1	01/24/22 16:01:48
Surr: Decachlorobiphenyl	57.2	25.9 - 167			%Rec	1	01/24/22 16:01:48
Surr: Tetrachloro-m-xylene	81.8	31.3 - 173			%Rec	1	01/24/22 16:01:48

Total Metals by EPA Method 6020B

Batch ID: 35113

Analyst: EH

Copper	91.2	8.50	1.59		D mg/Kg-dry	10	01/25/22 12:26:28
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Sample Moisture (Percent Moisture)

Batch ID: R72742

Analyst: CB

Percent Moisture	9.55	0.500	0.100		wt%	1	01/24/22 13:48:49
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Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-062
Client Sample ID: A4-SIDE128:6

Collection Date: 1/21/2022 11:07:00 AM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35117 Analyst: SB

Aroclor 1016	ND	0.0582	0.00938		mg/Kg-dry	1	01/24/22 16:11:38
Aroclor 1221	ND	0.0582	0.00938		mg/Kg-dry	1	01/24/22 16:11:38
Aroclor 1232	ND	0.0582	0.00938		mg/Kg-dry	1	01/24/22 16:11:38
Aroclor 1242	ND	0.0582	0.00938		mg/Kg-dry	1	01/24/22 16:11:38
Aroclor 1248	ND	0.0582	0.0116		mg/Kg-dry	1	01/24/22 16:11:38
Aroclor 1254	0.0566	0.0582	0.0116	J	mg/Kg-dry	1	01/24/22 16:11:38
Aroclor 1260	ND	0.0582	0.0116		mg/Kg-dry	1	01/24/22 16:11:38
Aroclor 1262	ND	0.0582	0.0116		mg/Kg-dry	1	01/24/22 16:11:38
Aroclor 1268	ND	0.0582	0.0116		mg/Kg-dry	1	01/24/22 16:11:38
Total PCBs	0.0566	0.0582	0.0116	J	mg/Kg-dry	1	01/24/22 16:11:38
Surr: Decachlorobiphenyl	48.7	25.9 - 167			%Rec	1	01/24/22 16:11:38
Surr: Tetrachloro-m-xylene	89.3	31.3 - 173			%Rec	1	01/24/22 16:11:38

Total Metals by EPA Method 6020B

Batch ID: 35113 Analyst: EH

Copper	499	10.2	1.90	D	mg/Kg-dry	10	01/25/22 12:29:07
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Sample Moisture (Percent Moisture)

Batch ID: R72742 Analyst: CB

Percent Moisture	23.8	0.500	0.100		wt%	1	01/24/22 13:48:49
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Client: Shannon & Wilson

Collection Date: 1/21/2022 11:13:00 AM

Project: 8801 Remediation

Lab ID: 2201334-063

Matrix: Soil

Client Sample ID: A4-SIDE129:1

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35117

Analyst: SB

Aroclor 1016	ND	0.0558	0.00899		mg/Kg-dry	1	01/24/22 16:21:24
Aroclor 1221	ND	0.0558	0.00899		mg/Kg-dry	1	01/24/22 16:21:24
Aroclor 1232	ND	0.0558	0.00899		mg/Kg-dry	1	01/24/22 16:21:24
Aroclor 1242	ND	0.0558	0.00899		mg/Kg-dry	1	01/24/22 16:21:24
Aroclor 1248	ND	0.0558	0.0111		mg/Kg-dry	1	01/24/22 16:21:24
Aroclor 1254	5.33	0.558	0.111	D	mg/Kg-dry	10	01/25/22 10:06:27
Aroclor 1260	ND	0.0558	0.0111		mg/Kg-dry	1	01/24/22 16:21:24
Aroclor 1262	ND	0.0558	0.0111		mg/Kg-dry	1	01/24/22 16:21:24
Aroclor 1268	ND	0.0558	0.0111		mg/Kg-dry	1	01/24/22 16:21:24
Total PCBs	5.33	0.558	0.111	D	mg/Kg-dry	10	01/25/22 10:06:27
Surr: Decachlorobiphenyl	75.5	25.9 - 167			%Rec	1	01/24/22 16:21:24
Surr: Tetrachloro-m-xylene	95.0	31.3 - 173			%Rec	1	01/24/22 16:21:24

Total Metals by EPA Method 6020B

Batch ID: 35113

Analyst: EH

Copper	3,930	8.16	1.53	D	mg/Kg-dry	10	01/25/22 12:31:46
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Sample Moisture (Percent Moisture)

Batch ID: R72742

Analyst: CB

Percent Moisture	11.8	0.500	0.100		wt%	1	01/24/22 13:48:49
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Client: Shannon & Wilson

Collection Date: 1/21/2022 11:15:00 AM

Project: 8801 Remediation

Lab ID: 2201334-064

Matrix: Soil

Client Sample ID: A4-SIDE129:6.2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35117

Analyst: SB

Aroclor 1016	ND	0.0527	0.00849		mg/Kg-dry	1	01/24/22 16:31:14
Aroclor 1221	ND	0.0527	0.00849		mg/Kg-dry	1	01/24/22 16:31:14
Aroclor 1232	ND	0.0527	0.00849		mg/Kg-dry	1	01/24/22 16:31:14
Aroclor 1242	ND	0.0527	0.00849		mg/Kg-dry	1	01/24/22 16:31:14
Aroclor 1248	ND	0.0527	0.0105		mg/Kg-dry	1	01/24/22 16:31:14
Aroclor 1254	2.69	0.527	0.105	D	mg/Kg-dry	10	01/25/22 10:16:14
Aroclor 1260	ND	0.0527	0.0105		mg/Kg-dry	1	01/24/22 16:31:14
Aroclor 1262	ND	0.0527	0.0105		mg/Kg-dry	1	01/24/22 16:31:14
Aroclor 1268	ND	0.0527	0.0105		mg/Kg-dry	1	01/24/22 16:31:14
Total PCBs	2.69	0.527	0.105	D	mg/Kg-dry	10	01/25/22 10:16:14
Surr: Decachlorobiphenyl	72.8	25.9 - 167			%Rec	1	01/24/22 16:31:14
Surr: Tetrachloro-m-xylene	88.4	31.3 - 173			%Rec	1	01/24/22 16:31:14

Total Metals by EPA Method 6020B

Batch ID: 35113

Analyst: EH

Copper	3,870	9.08	1.70	D	mg/Kg-dry	10	01/25/22 12:34:25
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Sample Moisture (Percent Moisture)

Batch ID: R72742

Analyst: CB

Percent Moisture	16.6	0.500	0.100		wt%	1	01/24/22 13:48:49
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Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-065
Client Sample ID: A4-SIDE130:2

Collection Date: 1/21/2022 12:34:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35117 Analyst: SB

Aroclor 1016	ND	0.0540	0.00871		mg/Kg-dry	1	01/24/22 16:41:00
Aroclor 1221	ND	0.0540	0.00871		mg/Kg-dry	1	01/24/22 16:41:00
Aroclor 1232	ND	0.0540	0.00871		mg/Kg-dry	1	01/24/22 16:41:00
Aroclor 1242	ND	0.0540	0.00871		mg/Kg-dry	1	01/24/22 16:41:00
Aroclor 1248	ND	0.0540	0.0107		mg/Kg-dry	1	01/24/22 16:41:00
Aroclor 1254	0.0392	0.0540	0.0107	J	mg/Kg-dry	1	01/24/22 16:41:00
Aroclor 1260	ND	0.0540	0.0107		mg/Kg-dry	1	01/24/22 16:41:00
Aroclor 1262	ND	0.0540	0.0107		mg/Kg-dry	1	01/24/22 16:41:00
Aroclor 1268	ND	0.0540	0.0107		mg/Kg-dry	1	01/24/22 16:41:00
Total PCBs	0.0392	0.0540	0.0107	J	mg/Kg-dry	1	01/24/22 16:41:00
Surr: Decachlorobiphenyl	39.7	25.9 - 167			%Rec	1	01/24/22 16:41:00
Surr: Tetrachloro-m-xylene	68.5	31.3 - 173			%Rec	1	01/24/22 16:41:00

Total Metals by EPA Method 6020B

Batch ID: 35113 Analyst: EH

Copper	744	9.52	1.78	D	mg/Kg-dry	10	01/25/22 12:37:04
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Sample Moisture (Percent Moisture)

Batch ID: R72742 Analyst: CB

Percent Moisture	13.2	0.500	0.100		wt%	1	01/24/22 13:48:49
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Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-066
Client Sample ID: A4-SIDE130:6

Collection Date: 1/21/2022 12:35:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35117

Analyst: SB

Aroclor 1016	ND	0.0548	0.00882		mg/Kg-dry	1	01/24/22 16:50:48
Aroclor 1221	ND	0.0548	0.00882		mg/Kg-dry	1	01/24/22 16:50:48
Aroclor 1232	ND	0.0548	0.00882		mg/Kg-dry	1	01/24/22 16:50:48
Aroclor 1242	ND	0.0548	0.00882		mg/Kg-dry	1	01/24/22 16:50:48
Aroclor 1248	ND	0.0548	0.0109		mg/Kg-dry	1	01/24/22 16:50:48
Aroclor 1254	ND	0.0548	0.0109		mg/Kg-dry	1	01/24/22 16:50:48
Aroclor 1260	ND	0.0548	0.0109		mg/Kg-dry	1	01/24/22 16:50:48
Aroclor 1262	ND	0.0548	0.0109		mg/Kg-dry	1	01/24/22 16:50:48
Aroclor 1268	ND	0.0548	0.0109		mg/Kg-dry	1	01/24/22 16:50:48
Total PCBs	ND	0.0548	0.0109		mg/Kg-dry	1	01/24/22 16:50:48
Surr: Decachlorobiphenyl	51.8	25.9 - 167			%Rec	1	01/24/22 16:50:48
Surr: Tetrachloro-m-xylene	73.1	31.3 - 173			%Rec	1	01/24/22 16:50:48

Total Metals by EPA Method 6020B

Batch ID: 35113

Analyst: EH

Copper	155	8.66	1.62		D mg/Kg-dry	10	01/25/22 12:39:42
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Sample Moisture (Percent Moisture)

Batch ID: R72742

Analyst: CB

Percent Moisture	13.9	0.500	0.100		wt%	1	01/24/22 13:48:49
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Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-068
Client Sample ID: A4-SIDE131:2

Collection Date: 1/21/2022 12:42:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Total Metals by EPA Method 6020B</u>					Batch ID: 35113		Analyst: EH
Copper	2,260	8.42	1.58	D	mg/Kg-dry	10	01/25/22 12:42:21
<u>Sample Moisture (Percent Moisture)</u>					Batch ID: R72742		Analyst: CB
Percent Moisture	14.0	0.500	0.100		wt%	1	01/24/22 13:48:49

Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-070
Client Sample ID: A4-SIDE132:2

Collection Date: 1/21/2022 1:01:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Total Metals by EPA Method 6020B</u>					Batch ID: 35113		Analyst: EH
Copper	1,480	8.41	1.57	D	mg/Kg-dry	10	01/25/22 12:45:00
<u>Sample Moisture (Percent Moisture)</u>					Batch ID: R72742		Analyst: CB
Percent Moisture	16.9	0.500	0.100		wt%	1	01/24/22 13:48:49



Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-072
Client Sample ID: A4-SIDE133:2

Collection Date: 1/21/2022 1:09:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35117 Analyst: SB

Aroclor 1016	ND	0.0535	0.00861		mg/Kg-dry	1	01/24/22 17:00:38
Aroclor 1221	ND	0.0535	0.00861		mg/Kg-dry	1	01/24/22 17:00:38
Aroclor 1232	ND	0.0535	0.00861		mg/Kg-dry	1	01/24/22 17:00:38
Aroclor 1242	ND	0.0535	0.00861		mg/Kg-dry	1	01/24/22 17:00:38
Aroclor 1248	ND	0.0535	0.0106		mg/Kg-dry	1	01/24/22 17:00:38
Aroclor 1254	0.203	0.0535	0.0106		mg/Kg-dry	1	01/24/22 17:00:38
Aroclor 1260	ND	0.0535	0.0106		mg/Kg-dry	1	01/24/22 17:00:38
Aroclor 1262	ND	0.0535	0.0106		mg/Kg-dry	1	01/24/22 17:00:38
Aroclor 1268	ND	0.0535	0.0106		mg/Kg-dry	1	01/24/22 17:00:38
Total PCBs	0.203	0.0535	0.0106		mg/Kg-dry	1	01/24/22 17:00:38
Surr: Decachlorobiphenyl	50.9	25.9 - 167			%Rec	1	01/24/22 17:00:38
Surr: Tetrachloro-m-xylene	75.2	31.3 - 173			%Rec	1	01/24/22 17:00:38

Total Metals by EPA Method 6020B

Batch ID: 35113 Analyst: EH

Copper	1,240	9.28	1.74		D mg/Kg-dry	10	01/25/22 12:52:58
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Metals (EPA 200.8) with SPLP Extraction (EPA 1312)

Batch ID: 35192 Analyst: EH

Copper	206	20.0	0.311	D^	µg/L	2	02/01/22 13:51:52
Copper	151	20.0	0.311	D	µg/L	2	01/26/22 15:00:12

NOTES:

^ - Deionized water was used as the leaching fluid

Sample Moisture (Percent Moisture)

Batch ID: R72733 Analyst: CB

Percent Moisture	15.8	0.500	0.100		wt%	1	01/24/22 10:07:19
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Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-073
Client Sample ID: A4-SIDE133:5.5

Collection Date: 1/21/2022 1:13:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 35117		Analyst: SB	
Aroclor 1016	ND	0.0501	0.00808		mg/Kg-dry	1	01/24/22 17:10:26
Aroclor 1221	ND	0.0501	0.00808		mg/Kg-dry	1	01/24/22 17:10:26
Aroclor 1232	ND	0.0501	0.00808		mg/Kg-dry	1	01/24/22 17:10:26
Aroclor 1242	ND	0.0501	0.00808		mg/Kg-dry	1	01/24/22 17:10:26
Aroclor 1248	ND	0.0501	0.00996		mg/Kg-dry	1	01/24/22 17:10:26
Aroclor 1254	0.0482	0.0501	0.00996	J	mg/Kg-dry	1	01/24/22 17:10:26
Aroclor 1260	ND	0.0501	0.00996		mg/Kg-dry	1	01/24/22 17:10:26
Aroclor 1262	ND	0.0501	0.00996		mg/Kg-dry	1	01/24/22 17:10:26
Aroclor 1268	ND	0.0501	0.00996		mg/Kg-dry	1	01/24/22 17:10:26
Total PCBs	0.0482	0.0501	0.00996	J	mg/Kg-dry	1	01/24/22 17:10:26
Surr: Decachlorobiphenyl	53.9	25.9 - 167			%Rec	1	01/24/22 17:10:26
Surr: Tetrachloro-m-xylene	81.8	31.3 - 173			%Rec	1	01/24/22 17:10:26
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 35113		Analyst: EH	
Copper	132	8.92	1.67	D	mg/Kg-dry	10	01/25/22 12:55:37
<u>Metals (EPA 200.8) with SPLP Extraction (EPA 1312)</u>				Batch ID: 35192		Analyst: EH	
Copper	104	20.0	0.311	D^	µg/L	2	02/01/22 13:57:10
Copper	23.5	20.0	0.311	D	µg/L	2	01/26/22 15:05:29
NOTES:							
^ - Deionized water was used as the leaching fluid							
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72733		Analyst: CB	
Percent Moisture	16.3	0.500	0.100		wt%	1	01/24/22 10:07:19



Analytical Report

Work Order: 2201334
Date Reported: 2/1/2022

Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-074
Client Sample ID: A4-SIDE134:2

Collection Date: 1/21/2022 1:15:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 35117		Analyst: SB	
Aroclor 1016	ND	0.0533	0.00859		mg/Kg-dry	1	01/24/22 17:20:14
Aroclor 1221	ND	0.0533	0.00859		mg/Kg-dry	1	01/24/22 17:20:14
Aroclor 1232	ND	0.0533	0.00859		mg/Kg-dry	1	01/24/22 17:20:14
Aroclor 1242	ND	0.0533	0.00859		mg/Kg-dry	1	01/24/22 17:20:14
Aroclor 1248	ND	0.0533	0.0106		mg/Kg-dry	1	01/24/22 17:20:14
Aroclor 1254	0.297	0.0533	0.0106		mg/Kg-dry	1	01/24/22 17:20:14
Aroclor 1260	ND	0.0533	0.0106		mg/Kg-dry	1	01/24/22 17:20:14
Aroclor 1262	ND	0.0533	0.0106		mg/Kg-dry	1	01/24/22 17:20:14
Aroclor 1268	ND	0.0533	0.0106		mg/Kg-dry	1	01/24/22 17:20:14
Total PCBs	0.297	0.0533	0.0106		mg/Kg-dry	1	01/24/22 17:20:14
Surr: Decachlorobiphenyl	39.2	25.9 - 167			%Rec	1	01/24/22 17:20:14
Surr: Tetrachloro-m-xylene	76.8	31.3 - 173			%Rec	1	01/24/22 17:20:14
<u>Total Metals by EPA Method 6020B</u>				Batch ID: 35113		Analyst: EH	
Copper	807	9.64	1.80		D mg/Kg-dry	10	01/25/22 12:58:16
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R72733		Analyst: CB	
Percent Moisture	14.3	0.500	0.100		wt%	1	01/24/22 10:07:19



Client: Shannon & Wilson
Project: 8801 Remediation
Lab ID: 2201334-075
Client Sample ID: A4-SIDE134:6

Collection Date: 1/21/2022 1:17:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35117 Analyst: SB

Aroclor 1016	ND	0.0583	0.00939		mg/Kg-dry	1	01/24/22 17:30:02
Aroclor 1221	ND	0.0583	0.00939		mg/Kg-dry	1	01/24/22 17:30:02
Aroclor 1232	ND	0.0583	0.00939		mg/Kg-dry	1	01/24/22 17:30:02
Aroclor 1242	ND	0.0583	0.00939		mg/Kg-dry	1	01/24/22 17:30:02
Aroclor 1248	ND	0.0583	0.0116		mg/Kg-dry	1	01/24/22 17:30:02
Aroclor 1254	0.126	0.0583	0.0116		mg/Kg-dry	1	01/24/22 17:30:02
Aroclor 1260	ND	0.0583	0.0116		mg/Kg-dry	1	01/24/22 17:30:02
Aroclor 1262	ND	0.0583	0.0116		mg/Kg-dry	1	01/24/22 17:30:02
Aroclor 1268	ND	0.0583	0.0116		mg/Kg-dry	1	01/24/22 17:30:02
Total PCBs	0.126	0.0583	0.0116		mg/Kg-dry	1	01/24/22 17:30:02
Surr: Decachlorobiphenyl	42.5	25.9 - 167			%Rec	1	01/24/22 17:30:02
Surr: Tetrachloro-m-xylene	56.4	31.3 - 173			%Rec	1	01/24/22 17:30:02

Total Metals by EPA Method 6020B

Batch ID: 35113 Analyst: EH

Copper	684	10.2	1.91		D mg/Kg-dry	10	01/25/22 13:00:55
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Sample Moisture (Percent Moisture)

Batch ID: R72733 Analyst: CB

Percent Moisture	22.3	0.500	0.100		wt%	1	01/24/22 10:07:19
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Client: Shannon & Wilson

Collection Date: 1/21/2022 3:00:00 PM

Project: 8801 Remediation

Lab ID: 2201334-076

Matrix: Soil

Client Sample ID: A4-SIDE217:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 35117

Analyst: SB

Aroclor 1016	ND	0.0534	0.00860		mg/Kg-dry	1	01/24/22 17:39:51
Aroclor 1221	ND	0.0534	0.00860		mg/Kg-dry	1	01/24/22 17:39:51
Aroclor 1232	ND	0.0534	0.00860		mg/Kg-dry	1	01/24/22 17:39:51
Aroclor 1242	ND	0.0534	0.00860		mg/Kg-dry	1	01/24/22 17:39:51
Aroclor 1248	ND	0.0534	0.0106		mg/Kg-dry	1	01/24/22 17:39:51
Aroclor 1254	0.0808	0.0534	0.0106		mg/Kg-dry	1	01/24/22 17:39:51
Aroclor 1260	ND	0.0534	0.0106		mg/Kg-dry	1	01/24/22 17:39:51
Aroclor 1262	ND	0.0534	0.0106		mg/Kg-dry	1	01/24/22 17:39:51
Aroclor 1268	ND	0.0534	0.0106		mg/Kg-dry	1	01/24/22 17:39:51
Total PCBs	0.0808	0.0534	0.0106		mg/Kg-dry	1	01/24/22 17:39:51
Surr: Decachlorobiphenyl	48.6	25.9 - 167			%Rec	1	01/24/22 17:39:51
Surr: Tetrachloro-m-xylene	73.2	31.3 - 173			%Rec	1	01/24/22 17:39:51

Total Metals by EPA Method 6020B

Batch ID: 35113

Analyst: EH

Copper	353	9.08	1.70		D mg/Kg-dry	10	01/25/22 13:03:34
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Sample Moisture (Percent Moisture)

Batch ID: R72733

Analyst: CB

Percent Moisture	15.3	0.500	0.100		wt%	1	01/24/22 10:07:19
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Work Order: 2201334
 CLIENT: Shannon & Wilson
 Project: 8801 Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICB-35113	SampType: ICB	Units: µg/L	Prep Date: 1/25/2022	RunNo: 72765							
Client ID: ICB	Batch ID: 35113	Analysis Date: 1/25/2022	SeqNo: 1485193								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-35113	SampType: ICV	Units: µg/L	Prep Date: 1/25/2022	RunNo: 72765							
Client ID: ICV	Batch ID: 35113	Analysis Date: 1/25/2022	SeqNo: 1485194								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

Sample ID: CCV-35113A	SampType: CCV	Units: µg/L	Prep Date: 1/25/2022	RunNo: 72765							
Client ID: CCV	Batch ID: 35113	Analysis Date: 1/25/2022	SeqNo: 1485198								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 95.4 10.0 100.0 0 95.4 90 110

Sample ID: CCB-35113A	SampType: CCB	Units: µg/L	Prep Date: 1/25/2022	RunNo: 72765							
Client ID: CCB	Batch ID: 35113	Analysis Date: 1/25/2022	SeqNo: 1485199								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB-35113	SampType: MBLK	Units: mg/Kg	Prep Date: 1/24/2022	RunNo: 72765							
Client ID: MBLKS	Batch ID: 35113	Analysis Date: 1/25/2022	SeqNo: 1485200								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.787

Work Order: 2201334
 CLIENT: Shannon & Wilson
 Project: 8801 Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: LCS-35113	SampType: LCS	Units: mg/Kg				Prep Date: 1/24/2022	RunNo: 72765				
Client ID: LCSS	Batch ID: 35113					Analysis Date: 1/25/2022	SeqNo: 1485201				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 35.5 0.758 37.88 0 93.6 80 120

Sample ID: 2201334-042AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/24/2022	RunNo: 72765				
Client ID: A4-SIDE125:8	Batch ID: 35113					Analysis Date: 1/25/2022	SeqNo: 1485204				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 73.5 1.06 53.24 19.58 101 75 125

Sample ID: 2201334-042AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/24/2022	RunNo: 72765				
Client ID: A4-SIDE125:8	Batch ID: 35113					Analysis Date: 1/25/2022	SeqNo: 1485205				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 74.0 1.06 52.83 19.58 103 75 125 73.54 0.618 20

Sample ID: CCV-35113B	SampType: CCV	Units: µg/L				Prep Date: 1/25/2022	RunNo: 72765				
Client ID: CCV	Batch ID: 35113					Analysis Date: 1/25/2022	SeqNo: 1485207				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.1 10.0 100.0 0 97.1 90 110

Sample ID: CCB-35113B	SampType: CCB	Units: µg/L				Prep Date: 1/25/2022	RunNo: 72765				
Client ID: CCB	Batch ID: 35113					Analysis Date: 1/25/2022	SeqNo: 1485208				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35113C		SampType: CCV		Units: µg/L		Prep Date: 1/25/2022		RunNo: 72765			
Client ID: CCV		Batch ID: 35113				Analysis Date: 1/25/2022		SeqNo: 1485219			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	97.2	10.0	100.0	0	97.2	90	110				

Sample ID: CCB-35113C		SampType: CCB		Units: µg/L		Prep Date: 1/25/2022		RunNo: 72765			
Client ID: CCB		Batch ID: 35113				Analysis Date: 1/25/2022		SeqNo: 1485220			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35113D		SampType: CCV		Units: µg/L		Prep Date: 1/25/2022		RunNo: 72765			
Client ID: CCV		Batch ID: 35113				Analysis Date: 1/25/2022		SeqNo: 1485231			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	96.7	10.0	100.0	0	96.7	90	110				

Sample ID: CCB-35113D		SampType: CCB		Units: µg/L		Prep Date: 1/25/2022		RunNo: 72765			
Client ID: CCB		Batch ID: 35113				Analysis Date: 1/25/2022		SeqNo: 1485232			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICB-35135		SampType: ICB		Units: µg/L		Prep Date: 1/26/2022		RunNo: 72817			
Client ID: ICB		Batch ID: 35135				Analysis Date: 1/26/2022		SeqNo: 1485952			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Work Order: 2201334
 CLIENT: Shannon & Wilson
 Project: 8801 Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: ICV-35135	SampType: ICV	Units: µg/L				Prep Date: 1/26/2022	RunNo: 72817				
Client ID: ICV	Batch ID: 35135					Analysis Date: 1/26/2022	SeqNo: 1485953				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

Sample ID: CCV-35135A	SampType: CCV	Units: µg/L				Prep Date: 1/26/2022	RunNo: 72817				
Client ID: CCV	Batch ID: 35135					Analysis Date: 1/26/2022	SeqNo: 1485958				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 91.9 10.0 100.0 0 91.9 90 110

Sample ID: CCB-35135A	SampType: CCB	Units: µg/L				Prep Date: 1/26/2022	RunNo: 72817				
Client ID: CCB	Batch ID: 35135					Analysis Date: 1/26/2022	SeqNo: 1485959				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35135B	SampType: CCV	Units: µg/L				Prep Date: 1/26/2022	RunNo: 72817				
Client ID: CCV	Batch ID: 35135					Analysis Date: 1/26/2022	SeqNo: 1485961				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 86.9 10.0 100.0 0 86.9 90 110 S

NOTES:

S - Outlying spike recovery observed (low bias). Samples will be qualified with a Q.

Sample ID: CCB-35135B	SampType: CCB	Units: µg/L				Prep Date: 1/26/2022	RunNo: 72817				
Client ID: CCB	Batch ID: 35135					Analysis Date: 1/26/2022	SeqNo: 1485962				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2201334
 CLIENT: Shannon & Wilson
 Project: 8801 Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: 2201314-035AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/26/2022	RunNo: 72817				
Client ID: BATCH	Batch ID: 35135					Analysis Date: 1/26/2022	SeqNo: 1485966				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 50.3 0.879 43.93 9.338 93.2 75 125

Sample ID: 2201314-035AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/26/2022	RunNo: 72817				
Client ID: BATCH	Batch ID: 35135					Analysis Date: 1/26/2022	SeqNo: 1485967				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 47.3 0.858 42.90 9.338 88.4 75 125 50.28 6.20 20

Sample ID: CCV-35135C	SampType: CCV	Units: µg/L				Prep Date: 1/26/2022	RunNo: 72817				
Client ID: CCV	Batch ID: 35135					Analysis Date: 1/26/2022	SeqNo: 1485973				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 92.4 10.0 100.0 0 92.4 90 110

Sample ID: CCB-35135C	SampType: CCB	Units: µg/L				Prep Date: 1/26/2022	RunNo: 72817				
Client ID: CCB	Batch ID: 35135					Analysis Date: 1/26/2022	SeqNo: 1485974				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35135D	SampType: CCV	Units: µg/L				Prep Date: 1/26/2022	RunNo: 72817				
Client ID: CCV	Batch ID: 35135					Analysis Date: 1/26/2022	SeqNo: 1485985				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 109 10.0 100.0 0 109 90 110

Work Order: 2201334
 CLIENT: Shannon & Wilson
 Project: 8801 Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-35135D	SampType: CCB	Units: µg/L			Prep Date: 1/26/2022	RunNo: 72817					
Client ID: CCB	Batch ID: 35135				Analysis Date: 1/26/2022	SeqNo: 1485986					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35135E	SampType: CCV	Units: µg/L			Prep Date: 1/26/2022	RunNo: 72817					
Client ID: CCV	Batch ID: 35135				Analysis Date: 1/26/2022	SeqNo: 1485992					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	111	10.0	100.0	0	111	90	110				S

NOTES:
 S - Outlying spike recovery observed (high bias). Detections will be qualified with a Q.

Sample ID: CCB-35135E	SampType: CCB	Units: µg/L			Prep Date: 1/26/2022	RunNo: 72817					
Client ID: CCB	Batch ID: 35135				Analysis Date: 1/26/2022	SeqNo: 1485993					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICB-35135A	SampType: ICB	Units: µg/L			Prep Date: 1/27/2022	RunNo: 72817					
Client ID: ICB	Batch ID: 35135				Analysis Date: 1/27/2022	SeqNo: 1486342					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-35135A	SampType: ICV	Units: µg/L			Prep Date: 1/27/2022	RunNo: 72817					
Client ID: ICV	Batch ID: 35135				Analysis Date: 1/27/2022	SeqNo: 1486343					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	98.0	10.0	100.0	0	98.0	90	110				

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: MB-35135	SampType: MBLK	Units: mg/Kg	Prep Date: 1/26/2022	RunNo: 72817							
Client ID: MBLKS	Batch ID: 35135		Analysis Date: 1/27/2022	SeqNo: 1486347							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	0.159	0.794									J

Sample ID: LCS-35135	SampType: LCS	Units: mg/Kg	Prep Date: 1/26/2022	RunNo: 72817							
Client ID: LCSS	Batch ID: 35135		Analysis Date: 1/27/2022	SeqNo: 1486348							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	42.3	0.775	38.76	0	109	80	120				

Sample ID: CCV-35135F	SampType: CCV	Units: µg/L	Prep Date: 1/27/2022	RunNo: 72817							
Client ID: CCV	Batch ID: 35135		Analysis Date: 1/27/2022	SeqNo: 1486351							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	96.1	10.0	100.0	0	96.1	90	110				

Sample ID: CCB-35135F	SampType: CCB	Units: µg/L	Prep Date: 1/27/2022	RunNo: 72817							
Client ID: CCB	Batch ID: 35135		Analysis Date: 1/27/2022	SeqNo: 1486352							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: CCV-35135G	SampType: CCV	Units: µg/L	Prep Date: 1/27/2022	RunNo: 72817							
Client ID: CCV	Batch ID: 35135		Analysis Date: 1/27/2022	SeqNo: 1486382							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	106	10.0	100.0	0	106	90	110				

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCB-35135G	SampType: CCB	Units: µg/L	Prep Date: 1/27/2022	RunNo: 72817							
Client ID: CCB	Batch ID: 35135		Analysis Date: 1/27/2022	SeqNo: 1486385							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35135H	SampType: CCV	Units: µg/L	Prep Date: 1/27/2022	RunNo: 72817							
Client ID: CCV	Batch ID: 35135		Analysis Date: 1/27/2022	SeqNo: 1486429							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 90 110

Sample ID: CCB-35135H	SampType: CCB	Units: µg/L	Prep Date: 1/27/2022	RunNo: 72817							
Client ID: CCB	Batch ID: 35135		Analysis Date: 1/27/2022	SeqNo: 1486430							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICB-35135B	SampType: ICB	Units: µg/L	Prep Date: 1/28/2022	RunNo: 72817							
Client ID: ICB	Batch ID: 35135		Analysis Date: 1/28/2022	SeqNo: 1486622							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-35135B	SampType: ICV	Units: µg/L	Prep Date: 1/28/2022	RunNo: 72817							
Client ID: ICV	Batch ID: 35135		Analysis Date: 1/28/2022	SeqNo: 1486623							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 93.2 10.0 100.0 0 93.2 90 110

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Total Metals by EPA Method 6020B

Sample ID: CCV-35135I	SampType: CCV	Units: µg/L	Prep Date: 1/28/2022	RunNo: 72817							
Client ID: CCV	Batch ID: 35135		Analysis Date: 1/28/2022	SeqNo: 1486634							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	94.7	10.0	100.0	0	94.7	90	110				
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Sample ID: CCB-35135I	SampType: CCB	Units: µg/L	Prep Date: 1/28/2022	RunNo: 72817							
Client ID: CCB	Batch ID: 35135		Analysis Date: 1/28/2022	SeqNo: 1486635							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Sample ID: CCV-35135J	SampType: CCV	Units: µg/L	Prep Date: 1/28/2022	RunNo: 72817							
Client ID: CCV	Batch ID: 35135		Analysis Date: 1/28/2022	SeqNo: 1486723							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	93.9	10.0	100.0	0	93.9	90	110				
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Sample ID: CCB-35135J	SampType: CCB	Units: µg/L	Prep Date: 1/28/2022	RunNo: 72817							
Client ID: CCB	Batch ID: 35135		Analysis Date: 1/28/2022	SeqNo: 1486724							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Work Order: 2201334
 CLIENT: Shannon & Wilson
 Project: 8801 Remediation

QC SUMMARY REPORT
Metals (EPA 200.8) with SPLP Extraction (EPA 1312)

Sample ID: ICB-35134	SampType: ICB	Units: µg/L	Prep Date: 1/26/2022	RunNo: 72795							
Client ID: ICB	Batch ID: 35134		Analysis Date: 1/26/2022	SeqNo: 1485611							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: ICV-35134	SampType: ICV	Units: µg/L	Prep Date: 1/26/2022	RunNo: 72795							
Client ID: ICV	Batch ID: 35134		Analysis Date: 1/26/2022	SeqNo: 1485612							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 104 10.0 100.0 0 104 85 115

Sample ID: MB-35134	SampType: MBLK	Units: µg/L	Prep Date: 1/26/2022	RunNo: 72795							
Client ID: MBLKS	Batch ID: 35134		Analysis Date: 1/26/2022	SeqNo: 1485613							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: LCS-35134	SampType: LCS	Units: µg/L	Prep Date: 1/26/2022	RunNo: 72795							
Client ID: LCSS	Batch ID: 35134		Analysis Date: 1/26/2022	SeqNo: 1485614							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 101 10.0 100.0 0 101 85 115

Sample ID: 2201325-011CDUP	SampType: DUP	Units: µg/L	Prep Date: 1/26/2022	RunNo: 72795							
Client ID: BATCH	Batch ID: 35134		Analysis Date: 1/26/2022	SeqNo: 1485616							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 1.15 10.0 1.278 10.8 30 J

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Metals (EPA 200.8) with SPLP Extraction (EPA 1312)

Sample ID: 2201325-011CMS	SampType: MS	Units: µg/L	Prep Date: 1/26/2022	RunNo: 72795							
Client ID: BATCH	Batch ID: 35134		Analysis Date: 1/26/2022	SeqNo: 1485617							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	102	10.0	100.0	1.278	100	70	130				
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Sample ID: MB2-35134	SampType: MBLK	Units: µg/L	Prep Date: 1/26/2022	RunNo: 72795							
Client ID: MBLKS	Batch ID: 35134		Analysis Date: 1/26/2022	SeqNo: 1485618							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	0.204	10.0									J
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Sample ID: 2201334-072AMS	SampType: MS	Units: µg/L	Prep Date: 1/26/2022	RunNo: 72795							
Client ID: A4-SIDE133:2	Batch ID: 35134		Analysis Date: 1/26/2022	SeqNo: 1485619							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	1,170	20.0	1,000	151.2	102	70	130				DE
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Sample ID: CCV-35134A	SampType: CCV	Units: µg/L	Prep Date: 1/26/2022	RunNo: 72795							
Client ID: CCV	Batch ID: 35134		Analysis Date: 1/26/2022	SeqNo: 1485621							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	104	10.0	100.0	0	104	90	110				
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Sample ID: CCB-35134A	SampType: CCB	Units: µg/L	Prep Date: 1/26/2022	RunNo: 72795							
Client ID: CCB	Batch ID: 35134		Analysis Date: 1/26/2022	SeqNo: 1485622							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper	ND	10.0									
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Work Order: 2201334
 CLIENT: Shannon & Wilson
 Project: 8801 Remediation

QC SUMMARY REPORT
Metals (EPA 200.8) with SPLP Extraction (EPA 1312)

Sample ID: ICB-35192	SampType: ICB	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: ICB	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488535								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: ICV-35192	SampType: ICV	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: ICV	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488536								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	102	10.0	100.0	0	102	85	115				

Sample ID: CCV-35192A	SampType: CCV	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: CCV	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488537								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	99.5	10.0	100.0	0	99.5	90	110				

Sample ID: CCB-35192A	SampType: CCB	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: CCB	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488538								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Sample ID: MB-35192	SampType: MBLK	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: MBLKS	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488539								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	ND	10.0									

Work Order: 2201334
 CLIENT: Shannon & Wilson
 Project: 8801 Remediation

QC SUMMARY REPORT
Metals (EPA 200.8) with SPLP Extraction (EPA 1312)

Sample ID: LCS-35192	SampType: LCS	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: LCSS	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488540								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 107 10.0 100.0 0 107 85 115

Sample ID: 2201443-001ADUP	SampType: DUP	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: BATCH	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488542								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 1.12 10.0 1.162 3.54 30 J

Sample ID: 2201443-001AMS	SampType: MS	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: BATCH	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488543								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 106 10.0 100.0 1.162 105 70 130

Sample ID: CCV-35192B	SampType: CCV	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: CCV	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488544								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.8 10.0 100.0 0 97.8 90 110

Sample ID: CCB-35192B	SampType: CCB	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: CCB	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488545								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2201334
 CLIENT: Shannon & Wilson
 Project: 8801 Remediation

QC SUMMARY REPORT
Metals (EPA 200.8) with SPLP Extraction (EPA 1312)

Sample ID: CCV-35192C	SampType: CCV	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: CCV	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488546								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 97.6 10.0 100.0 0 97.6 90 110

Sample ID: CCB-35192C	SampType: CCB	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: CCB	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488547								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: MB2-35192	SampType: MBLK	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: MBLKS	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488551								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Sample ID: CCV-35192D	SampType: CCV	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: CCV	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488552								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 96.9 10.0 100.0 0 96.9 90 110

Sample ID: CCB-35192D	SampType: CCB	Units: µg/L	Prep Date: 2/1/2022	RunNo: 72932							
Client ID: CCB	Batch ID: 35192	Analysis Date: 2/1/2022	SeqNo: 1488553								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 10.0

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660 ICB	SampType: ICB	Units: mg/Kg			Prep Date: 11/17/2021	RunNo: 71394					
Client ID: ICB	Batch ID: 35117				Analysis Date: 11/17/2021	SeqNo: 1454001					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1260	ND	0.0500									
Surr: Decachlorobiphenyl	207		200.0		103	50.2	159				
Surr: Tetrachloro-m-xylene	214		200.0		107	60.3	134				

Sample ID: 1660 ICV	SampType: ICV	Units: mg/Kg			Prep Date: 11/17/2021	RunNo: 71394					
Client ID: ICV	Batch ID: 35117				Analysis Date: 11/17/2021	SeqNo: 1454002					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.01	0.0500	1.000	0	101	80	120				
Aroclor 1260	0.991	0.0500	1.000	0	99.1	80	120				
Surr: Decachlorobiphenyl	196		200.0		98.1	30.2	155				
Surr: Tetrachloro-m-xylene	212		200.0		106	58.8	143				

Sample ID: 1254 ICB	SampType: ICB	Units: mg/Kg			Prep Date: 11/17/2021	RunNo: 71394					
Client ID: ICB	Batch ID: 35117				Analysis Date: 11/17/2021	SeqNo: 1454011					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	ND	0.0500									
Surr: Decachlorobiphenyl	195		200.0		97.3	50.2	159				
Surr: Tetrachloro-m-xylene	197		200.0		98.7	60.3	134				

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg			Prep Date: 11/17/2021	RunNo: 71394					
Client ID: ICV	Batch ID: 35117				Analysis Date: 11/17/2021	SeqNo: 1454012					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.05	0.0500	1.000	0	105	80	120				
Surr: Decachlorobiphenyl	196		200.0		98.0	30.2	155				
Surr: Tetrachloro-m-xylene	202		200.0		101	58.8	143				

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254 ICV	SampType: ICV	Units: mg/Kg	Prep Date: 11/17/2021	RunNo: 71394							
Client ID: ICV	Batch ID: 35117	Analysis Date: 11/17/2021	SeqNo: 1454012								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1660-CCV-35117A	SampType: CCV	Units: mg/Kg	Prep Date: 1/24/2022	RunNo: 72761							
Client ID: CCV	Batch ID: 35117	Analysis Date: 1/24/2022	SeqNo: 1485047								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.10	0.0500	1.000	0	110	80	120				
Aroclor 1260	1.19	0.0500	1.000	0	119	80	120				
Surr: Decachlorobiphenyl	197		200.0		98.6	30.2	155				
Surr: Tetrachloro-m-xylene	219		200.0		109	58.8	143				

Sample ID: 1254-CCV-35117A	SampType: CCV	Units: mg/Kg	Prep Date: 1/24/2022	RunNo: 72761							
Client ID: CCV	Batch ID: 35117	Analysis Date: 1/24/2022	SeqNo: 1485048								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.04	0.0500	1.000	0	104	80	120				
Surr: Decachlorobiphenyl	174		200.0		87.1	30.2	155				
Surr: Tetrachloro-m-xylene	202		200.0		101	58.8	143				

Sample ID: MB-35117	SampType: MBLK	Units: mg/Kg	Prep Date: 1/24/2022	RunNo: 72761							
Client ID: MBLKS	Batch ID: 35117	Analysis Date: 1/24/2022	SeqNo: 1485049								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-35117	SampType: MBLK	Units: mg/Kg				Prep Date: 1/24/2022	RunNo: 72761				
Client ID: MBLKS	Batch ID: 35117					Analysis Date: 1/24/2022	SeqNo: 1485049				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	171		200.0		85.3	25.9	167				
Surr: Tetrachloro-m-xylene	206		200.0		103	31.3	173				

Sample ID: LCS1-35117	SampType: LCS	Units: mg/Kg				Prep Date: 1/24/2022	RunNo: 72761				
Client ID: LCSS	Batch ID: 35117					Analysis Date: 1/24/2022	SeqNo: 1485050				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.22	0.0500	1.000	0	122	54.1	142				
Aroclor 1260	1.22	0.0500	1.000	0	122	51.7	152				
Surr: Decachlorobiphenyl	168		200.0		83.8	25.9	167				
Surr: Tetrachloro-m-xylene	240		200.0		120	31.3	173				

Sample ID: LCS2-35117	SampType: LCS	Units: mg/Kg				Prep Date: 1/24/2022	RunNo: 72761				
Client ID: LCSS	Batch ID: 35117					Analysis Date: 1/24/2022	SeqNo: 1485051				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	1.02	0.0500	1.000	0	102	55.9	156				
Surr: Decachlorobiphenyl	180		200.0		89.8	25.9	167				
Surr: Tetrachloro-m-xylene	230		200.0		115	31.3	173				

Sample ID: 2201334-076AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/24/2022	RunNo: 72761				
Client ID: A4-SIDE217:2	Batch ID: 35117					Analysis Date: 1/24/2022	SeqNo: 1485067				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.25	0.0529	1.057	0	118	26.5	166				
Aroclor 1260	1.24	0.0529	1.057	0	117	29.2	168				

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2201334-076AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/24/2022	RunNo: 72761				
Client ID: A4-SIDE217:2	Batch ID: 35117					Analysis Date: 1/24/2022	SeqNo: 1485067				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	126		211.4		59.4	25.9	167				
Surr: Tetrachloro-m-xylene	208		211.4		98.4	31.3	173				

Sample ID: 2201334-076AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/24/2022	RunNo: 72761				
Client ID: A4-SIDE217:2	Batch ID: 35117					Analysis Date: 1/24/2022	SeqNo: 1485068				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.23	0.0531	1.062	0	116	26.5	166	1.251	1.76	30	
Aroclor 1260	1.18	0.0531	1.062	0	111	29.2	168	1.237	4.77	30	
Surr: Decachlorobiphenyl	107		212.4		50.4	25.9	167		0		
Surr: Tetrachloro-m-xylene	192		212.4		90.2	31.3	173		0		

Sample ID: 1660-CCV-35117B	SampType: CCV	Units: mg/Kg				Prep Date: 1/24/2022	RunNo: 72761				
Client ID: CCV	Batch ID: 35117					Analysis Date: 1/24/2022	SeqNo: 1485071				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	0.979	0.0500	1.000	0	97.9	80	120				
Aroclor 1260	0.952	0.0500	1.000	0	95.2	80	120				
Surr: Decachlorobiphenyl	152		200.0		75.9	30.2	155				
Surr: Tetrachloro-m-xylene	191		200.0		95.7	58.8	143				

Sample ID: 1254-CCV-35117B	SampType: CCV	Units: mg/Kg				Prep Date: 1/24/2022	RunNo: 72761				
Client ID: CCV	Batch ID: 35117					Analysis Date: 1/24/2022	SeqNo: 1485072				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.848	0.0500	1.000	0	84.8	80	120				
Surr: Decachlorobiphenyl	125		200.0		62.4	30.2	155				
Surr: Tetrachloro-m-xylene	177		200.0		88.7	58.8	143				

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-35117C	SampType: CCV	Units: mg/Kg				Prep Date: 1/25/2022	RunNo: 72761				
Client ID: CCV	Batch ID: 35117					Analysis Date: 1/25/2022	SeqNo: 1485073				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.975	0.0500	1.000	0	97.5	80	120				
Aroclor 1260	0.932	0.0500	1.000	0	93.2	80	120				
Surr: Decachlorobiphenyl	135		200.0		67.5	30.2	155				
Surr: Tetrachloro-m-xylene	194		200.0		97.2	58.8	143				

Sample ID: 1254-CCV-35117C	SampType: CCV	Units: mg/Kg				Prep Date: 1/25/2022	RunNo: 72761				
Client ID: CCV	Batch ID: 35117					Analysis Date: 1/25/2022	SeqNo: 1485074				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.888	0.0500	1.000	0	88.8	80	120				
Surr: Decachlorobiphenyl	125		200.0		62.6	30.2	155				
Surr: Tetrachloro-m-xylene	186		200.0		92.9	58.8	143				

Sample ID: 1660-CCV-35117D	SampType: CCV	Units: mg/Kg				Prep Date: 1/25/2022	RunNo: 72761				
Client ID: CCV	Batch ID: 35117					Analysis Date: 1/25/2022	SeqNo: 1485077				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.994	0.0500	1.000	0	99.4	80	120				
Aroclor 1260	0.939	0.0500	1.000	0	93.9	80	120				
Surr: Decachlorobiphenyl	134		200.0		66.8	30.2	155				
Surr: Tetrachloro-m-xylene	198		200.0		99.1	58.8	143				

Sample ID: 1254-CCV-35117D	SampType: CCV	Units: mg/Kg				Prep Date: 1/25/2022	RunNo: 72761				
Client ID: CCV	Batch ID: 35117					Analysis Date: 1/25/2022	SeqNo: 1485078				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.931	0.0500	1.000	0	93.1	80	120				
Surr: Decachlorobiphenyl	127		200.0		63.4	30.2	155				
Surr: Tetrachloro-m-xylene	192		200.0		96.1	58.8	143				

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-35117D	SampType: CCV	Units: mg/Kg	Prep Date: 1/25/2022	RunNo: 72761							
Client ID: CCV	Batch ID: 35117		Analysis Date: 1/25/2022	SeqNo: 1485078							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 1660-CCV-35139A	SampType: CCV	Units: mg/Kg	Prep Date: 1/26/2022	RunNo: 72813							
Client ID: CCV	Batch ID: 35139		Analysis Date: 1/26/2022	SeqNo: 1486194							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.05	0.0500	1.000	0	105	80	120				
Aroclor 1260	1.00	0.0500	1.000	0	100	80	120				
Surr: Decachlorobiphenyl	143		200.0		71.7	30.2	155				
Surr: Tetrachloro-m-xylene	203		200.0		102	58.8	143				

Sample ID: 1254-CCV-35139A	SampType: CCV	Units: mg/Kg	Prep Date: 1/26/2022	RunNo: 72813							
Client ID: CCV	Batch ID: 35139		Analysis Date: 1/26/2022	SeqNo: 1485902							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.926	0.0500	1.000	0	92.6	80	120				
Surr: Decachlorobiphenyl	138		200.0		69.1	30.2	155				
Surr: Tetrachloro-m-xylene	191		200.0		95.4	58.8	143				

Sample ID: MB-35139	SampType: MBLK	Units: mg/Kg	Prep Date: 1/26/2022	RunNo: 72813							
Client ID: MBLKS	Batch ID: 35139		Analysis Date: 1/26/2022	SeqNo: 1485903							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									

Work Order: 2201334
 CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-35139	SampType: MBLK	Units: mg/Kg				Prep Date: 1/26/2022	RunNo: 72813				
Client ID: MBLKS	Batch ID: 35139					Analysis Date: 1/26/2022	SeqNo: 1485903				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	148		200.0		73.8	25.9	167				
Surr: Tetrachloro-m-xylene	208		200.0		104	31.3	173				

Sample ID: LCS1-35139	SampType: LCS	Units: mg/Kg				Prep Date: 1/26/2022	RunNo: 72813				
Client ID: LCSS	Batch ID: 35139					Analysis Date: 1/26/2022	SeqNo: 1486195				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.12	0.0500	1.000	0	112	54.1	142				
Aroclor 1260	1.06	0.0500	1.000	0	106	51.7	152				
Surr: Decachlorobiphenyl	163		200.0		81.7	25.9	167				
Surr: Tetrachloro-m-xylene	222		200.0		111	31.3	173				

Sample ID: LCS2-35139	SampType: LCS	Units: mg/Kg				Prep Date: 1/26/2022	RunNo: 72813				
Client ID: LCSS	Batch ID: 35139					Analysis Date: 1/26/2022	SeqNo: 1485904				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.835	0.0500	1.000	0	83.5	55.9	156				
Surr: Decachlorobiphenyl	132		200.0		65.8	25.9	167				
Surr: Tetrachloro-m-xylene	195		200.0		97.6	31.3	173				

Sample ID: 2201334-049AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/26/2022	RunNo: 72813				
Client ID: A4-SIDE126:2	Batch ID: 35139					Analysis Date: 1/26/2022	SeqNo: 1486196				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.38	0.0627	1.255	0	110	26.5	166				
Aroclor 1260	1.21	0.0627	1.255	0	96.7	29.2	168				

Work Order: 2201334
CLIENT: Shannon & Wilson
Project: 8801 Remediation

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2201334-049AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 1/26/2022	RunNo: 72813				
Client ID: A4-SIDE126:2	Batch ID: 35139					Analysis Date: 1/26/2022	SeqNo: 1486196				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Decachlorobiphenyl	83.4		251.0		33.2	25.9	167				
Surr: Tetrachloro-m-xylene	190		251.0		75.7	31.3	173				

Sample ID: 2201334-049AMSD	SampType: MSD	Units: mg/Kg-dry				Prep Date: 1/26/2022	RunNo: 72813				
Client ID: A4-SIDE126:2	Batch ID: 35139					Analysis Date: 1/26/2022	SeqNo: 1486197				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.39	0.0621	1.243	0	112	26.5	166	1.382	0.736	30	
Aroclor 1260	1.20	0.0621	1.243	0	96.6	29.2	168	1.214	1.12	30	
Surr: Decachlorobiphenyl	124		248.6		50.0	25.9	167		0		
Surr: Tetrachloro-m-xylene	232		248.6		93.2	31.3	173		0		

Sample ID: 1660-CCV-35139B	SampType: CCV	Units: mg/Kg				Prep Date: 1/26/2022	RunNo: 72813				
Client ID: CCV	Batch ID: 35139					Analysis Date: 1/26/2022	SeqNo: 1486198				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1016	1.05	0.0500	1.000	0	105	80	120				
Aroclor 1260	0.983	0.0500	1.000	0	98.3	80	120				
Surr: Decachlorobiphenyl	142		200.0		70.9	30.2	155				
Surr: Tetrachloro-m-xylene	208		200.0		104	58.8	143				

Sample ID: 1254-CCV-35139B	SampType: CCV	Units: mg/Kg				Prep Date: 1/26/2022	RunNo: 72813				
Client ID: CCV	Batch ID: 35139					Analysis Date: 1/26/2022	SeqNo: 1485911				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aroclor 1254	0.933	0.0500	1.000	0	93.3	80	120				
Surr: Decachlorobiphenyl	136		200.0		67.8	30.2	155				
Surr: Tetrachloro-m-xylene	196		200.0		97.9	58.8	143				

Work Order: 2201334
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-35139C	SampType: CCV	Units: mg/Kg				Prep Date: 1/27/2022	RunNo: 72813				
Client ID: CCV	Batch ID: 35139					Analysis Date: 1/27/2022	SeqNo: 1486199				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.09	0.0500	1.000	0	109	80	120				
Aroclor 1260	0.851	0.0500	1.000	0	85.1	80	120				
Surr: Decachlorobiphenyl	171		200.0		85.3	30.2	155				
Surr: Tetrachloro-m-xylene	238		200.0		119	58.8	143				

Sample ID: 1254-CCV-35139C	SampType: CCV	Units: mg/Kg				Prep Date: 1/27/2022	RunNo: 72813				
Client ID: CCV	Batch ID: 35139					Analysis Date: 1/27/2022	SeqNo: 1486200				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.953	0.0500	1.000	0	95.3	80	120				
Surr: Decachlorobiphenyl	157		200.0		78.7	30.2	155				
Surr: Tetrachloro-m-xylene	210		200.0		105	58.8	143				

Sample ID: 1660-CCV-35139D	SampType: CCV	Units: mg/Kg				Prep Date: 1/27/2022	RunNo: 72813				
Client ID: CCV	Batch ID: 35139					Analysis Date: 1/27/2022	SeqNo: 1486203				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.08	0.0500	1.000	0	108	80	120				
Aroclor 1260	1.03	0.0500	1.000	0	103	80	120				
Surr: Decachlorobiphenyl	171		200.0		85.6	30.2	155				
Surr: Tetrachloro-m-xylene	224		200.0		112	58.8	143				

Sample ID: 1254-CCV-35139D	SampType: CCV	Units: mg/Kg				Prep Date: 1/27/2022	RunNo: 72813				
Client ID: CCV	Batch ID: 35139					Analysis Date: 1/27/2022	SeqNo: 1486204				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	0.957	0.0500	1.000	0	95.7	80	120				
Surr: Decachlorobiphenyl	160		200.0		80.0	30.2	155				
Surr: Tetrachloro-m-xylene	214		200.0		107	58.8	143				

Work Order: 2201334
CLIENT: Shannon & Wilson
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QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1254-CCV-35139D	SampType: CCV	Units: mg/Kg	Prep Date: 1/27/2022	RunNo: 72813							
Client ID: CCV	Batch ID: 35139		Analysis Date: 1/27/2022	SeqNo: 1486204							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Client Name: SW	Work Order Number: 2201334
Logged by: Gabrielle Coeulle	Date Received: 1/21/2022 3:06:00 PM

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >2°C to 6°C * Yes No NA

Samples were collected the same day and chilled.

8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Sample 1	8.7

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 1/12/12 Page: 4 of 9

Project Name: 8801 Remediation

Project No: 21-112567-030

Collected by: Rose Vogt

Location: Tukwila, WA

Report To (PM): Ryan Peterson

PM Email:

Laboratory Project No (Internal): 2201334

Special Remarks:
Refer to project methods.

O = hold analysis

Sample Disposal: Return to client Disposal by lab (after 30 days)

Client: Shanon F Wilson
Address: 4000 N. 34th St, Suite 100
City, State, Zip: Seattle, WA 98103

Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HID)	Diesel/heavy Oil Range Organics (DX)	SVOCs (EPA 8270 - SIM)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 - 200.8)	Total (T) Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 AQ-SIDE 123:10	1/2/12	0949	S	1													
2 AQ-SIDE 123:11		0950															
3 AQ-SIDE 123:12		0951															
4 AQ-SIDE 123:13		0951															
5 AQ-SIDE 123:14		0952															
6 AQ-SIDE 123:15		0953															
7 AQ-SIDE 124:1		0954															
8 AQ-SIDE 124:1		0954															
9 AQ-SIDE 124:6		1004															
10 AQ-SIDE 125:2		1010															

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Tl Ti V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate-Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature) *[Signature]* Print Name: Ryan Peterson Date/Time: 1/12/12 14:45

Relinquished (Signature) *[Signature]* Print Name: Justinie Macky Date/Time: 1/21/12 15:06

Turn-around Time:
 Standard Next Day
 3 Day Same Day
 2 Day (specify)

DATA SET for Review -- Deliverable Requirements

Metals (EPA 200.8) with SPLP Extraction (EPA 1312)

Fremont Analytical Work Order No. 2201334

Shannon & Wilson

Project Name: 8801- Remediation

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information
- Tune Information

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\

Report Date/Time: Thursday, January 27, 2022 07:46:27

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	09:27:05	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	09:35:42	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	new 2%	09:39:20	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	NEW FILTER 5X	09:44:29	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	NEW FILTER 1X	09:47:09	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	BLANK	11:26:34	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	CAL BLK IS 23514	11:29:01	Wed 26--Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 2	11:32:29	Wed 26--Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 5	11:35:57	Wed 26--Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 6	11:39:25	Wed 26--Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 8	11:42:53	Wed 26--Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	11:46:21	Wed 26--QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	ICB	11:49:48	Wed 26--QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	ICV	11:53:16	Wed 26--QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	BLANK	11:56:43	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	MB-35134	12:11:26	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	LCS-35134	12:18:35	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201325-011C	12:22:02	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201325-011CDUP	12:25:30	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201325-011CMS	12:28:57	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201338-001A 50X	12:32:25	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
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	CCV	12:39:21	Wed 26--QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	CCB	12:42:49	Wed 26--QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201338-001A 10X	12:49:41	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201338-002A 10X	12:54:01	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	CCV	13:00:05	Wed 26--QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	CCB	13:03:33	Wed 26--QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	13:19:35	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	BLANK	13:23:14	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
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	Standard 1	13:28:32	Wed 26--Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 2	13:31:11	Wed 26--Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 3	13:33:50	Wed 26--Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 4	13:36:29	Wed 26--Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 5	13:39:08	Wed 26--Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 6	13:41:47	Wed 26--Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 7	13:44:25	Wed 26--Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 8	13:47:04	Wed 26--Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	13:49:44	Wed 26--QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	ICB	13:52:23	Wed 26--QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	ICV	13:55:03	Wed 26--QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
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	ICSA	14:03:01	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	14:05:41	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	14:08:20	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	MB-35134	14:41:39	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	LCS-35134	14:44:17	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201325-011C	14:46:56	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	

2201325-011CDUP	14:49:35	Wed 26-.Sample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201325-011CMS	14:52:14	Wed 26-.Sample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
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MB-35114	14:57:33	Wed 26-.Sample	C:\Users\Public\DocumMBLK,M-SPLP	gistix\ICPMS\DataSet\Jan2022\01262
2201334-072A 2X	15:00:12	Wed 26-.Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
2201334-072AMS	15:02:51	Wed 26-.Sample	C:\Users\Public\DocumMS,M-SPLP	gistix\ICPMS\DataSet\Jan2022\01262
2201334-073A 2X	15:05:29	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-SPLP	gistix\ICPMS\DataSet\Jan2022\01262
CCV	15:08:09	Wed 26-.JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
CCB	15:10:48	Wed 26-.JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
2201079-007A 50X	15:29:35	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201304-001A 5X	15:32:15	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201079-008A 50X	15:34:54	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201332-001C	15:37:34	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201340-001A	15:40:13	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201340-002A	15:42:52	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
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2201340-005A	15:50:49	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201340-006A	15:53:28	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
CCV	15:56:07	Wed 26-.JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
CCB	15:58:47	Wed 26-.JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
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2201341-002A	16:04:20	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201345-001A	16:07:14	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201345-006A	16:10:08	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201353-001A 5X	16:13:02	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201356-001C	16:15:56	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201358-001E 5X	16:18:50	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201359-005A	16:21:43	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
WASH	16:24:38	Wed 26-.Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
MB-35135	16:27:32	Wed 26-.Sample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
CCV	16:30:27	Wed 26-.JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
CCB	16:33:21	Wed 26-.JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
LCS-35135	16:36:16	Wed 26-.Sample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201314-035A	16:39:10	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201314-035ADIL	16:42:04	Wed 26-.Sample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201314-035AMS	16:44:58	Wed 26-.Sample	C:\Users\Public\DocumMS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201314-035AMSD	16:47:52	Wed 26-.Sample	C:\Users\Public\DocumMSD,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201314-035APDS	16:50:46	Wed 26-.Sample	C:\Users\Public\DocumPDS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201314-036A	16:53:39	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201314-038A	16:56:33	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201314-039A	16:59:27	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
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CCV	17:05:16	Wed 26-.JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
CCB	17:08:10	Wed 26-.JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
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2201334-051A 10X	17:13:59	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201334-052A 10X	17:16:53	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201334-053A 10X	17:19:47	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201352-001A	17:22:41	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201364-001A	17:25:34	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201367-001A	17:28:28	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201373-001A	17:31:22	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201373-002A	17:34:16	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201371-004A	17:37:10	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
CCV	17:40:05	Wed 26-.JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
CCB	17:42:59	Wed 26-.JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
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2201370-001A	17:48:48	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
2201370-002A	17:51:42	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262

2201370-003A	17:54:35 Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S _ gistix\ICPMS\DataSet\Jan2022\01262
2201370-004A	17:57:29 Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-6020-S _ gistix\ICPMS\DataSet\Jan2022\01262
CCV	18:00:24 Wed 26-.QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01262
CCB	18:03:18 Wed 26-.QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01262
2%	18:06:12 Wed 26-.QC Std #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01262
DI	18:09:07 Wed 26-.QC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01262

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\

Report Date/Time: Tuesday, February 01, 2022 14:15:55

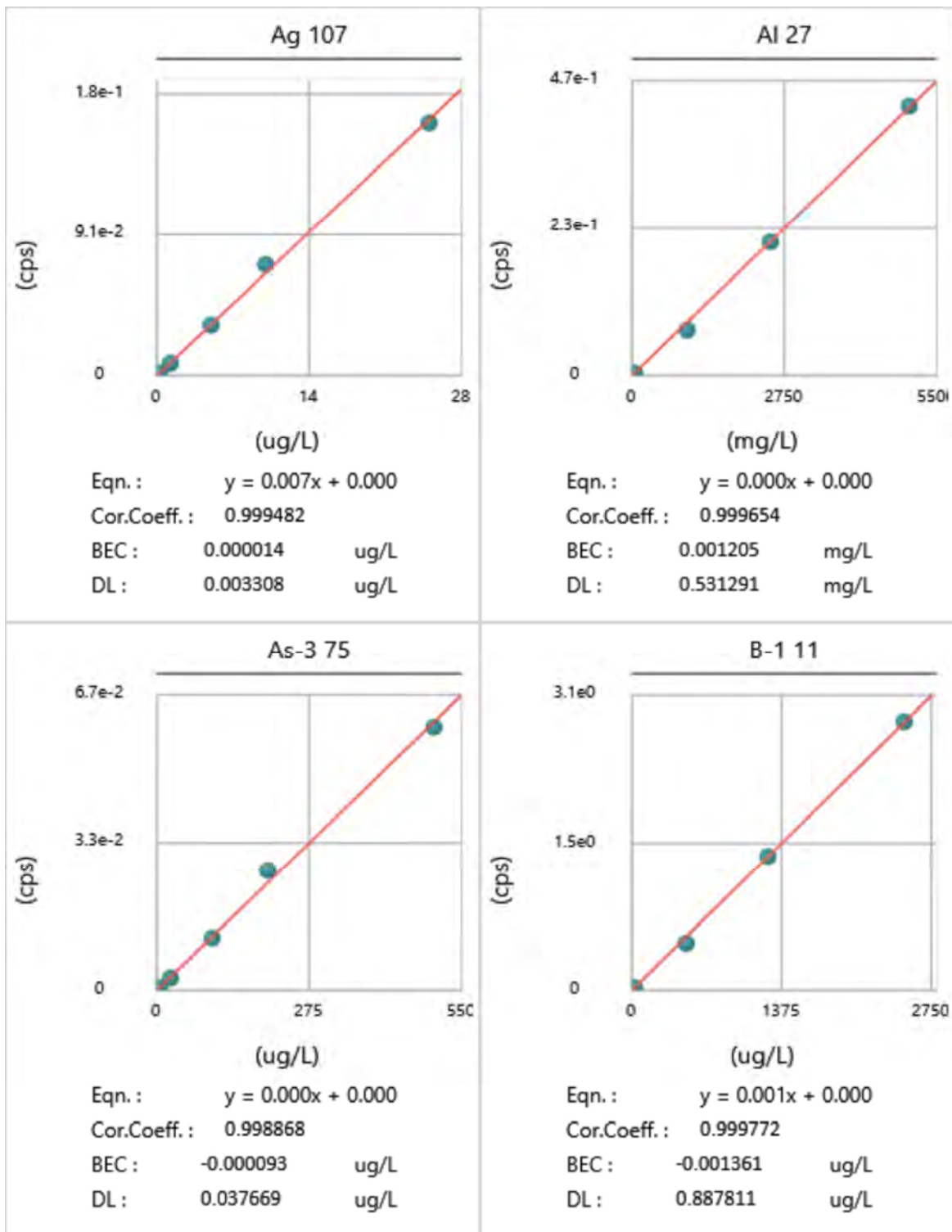
The Dataset

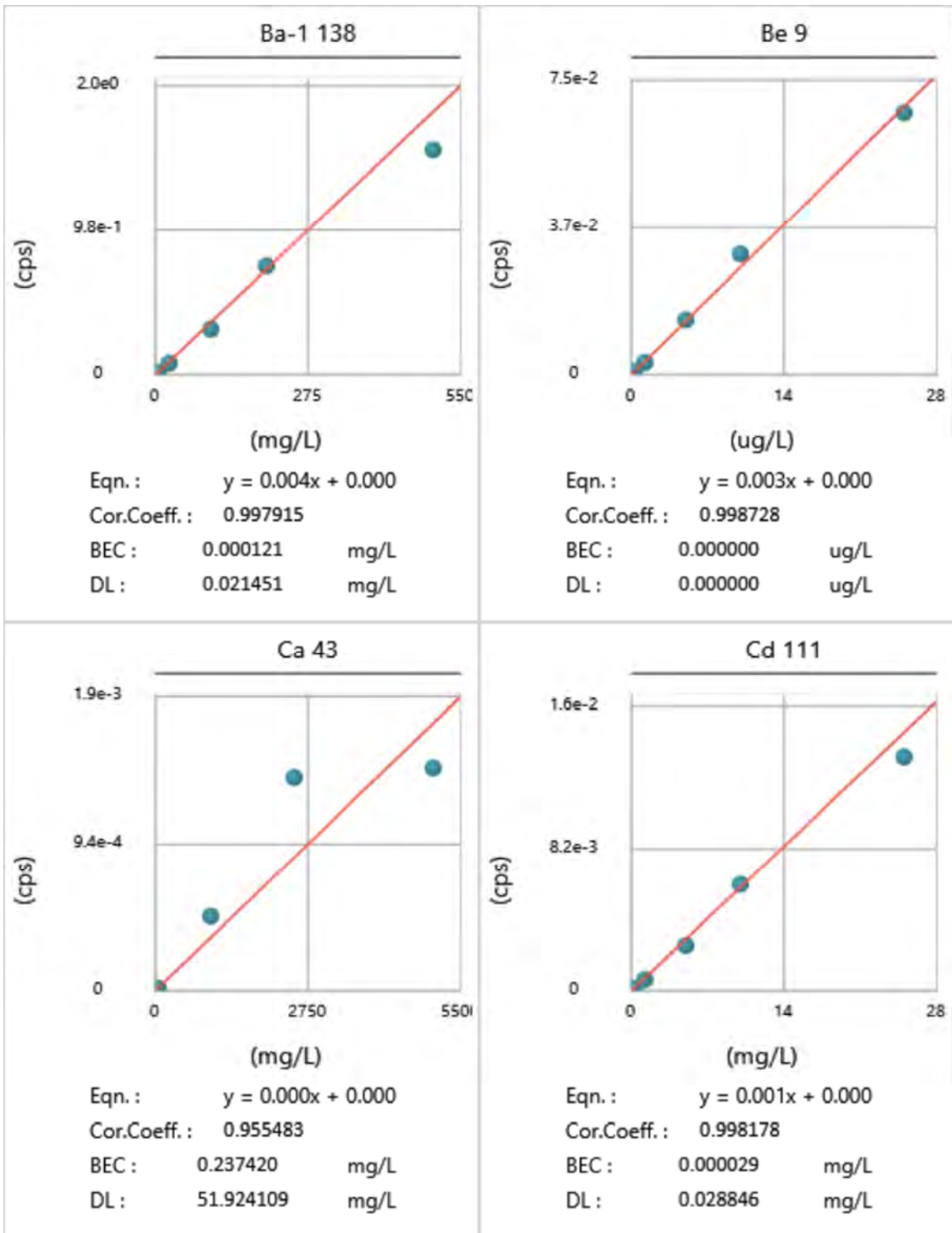
Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
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	WASH	09:08:41	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	WASH	09:11:20	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	NEW 2%	09:13:59	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	BLANK	09:17:59	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	CAL BLK IS 25300	09:20:38	Tue 01-F	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	Standard 1	09:23:18	Tue 01-F	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	Standard 2	09:25:56	Tue 01-F	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	Standard 3	09:28:35	Tue 01-F	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	Standard 4	09:31:14	Tue 01-F	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	Standard 5	09:33:53	Tue 01-F	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	Standard 6	09:36:31	Tue 01-F	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	Standard 7	09:39:10	Tue 01-F	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	Standard 8	09:41:49	Tue 01-F	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
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	ICB	09:47:08	Tue 01-F	Qc Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	ICV	09:49:47	Tue 01-F	Qc Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
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	ICSA	09:57:52	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	WASH	10:00:31	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	WASH	10:03:10	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
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	2201365-001A 5X	10:16:45	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
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	2201423-002A	10:24:43	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201360-001D 2X	10:27:22	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201426-001A 10X	10:30:02	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201427-001A 10X	10:32:41	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201427-002A 10X	10:35:20	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	CCV	10:38:00	Tue 01-F	Qc Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	CCB	10:40:39	Tue 01-F	Qc Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	MB-35185	11:13:34	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	LCS-35185	11:16:14	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201396-001A	11:18:53	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201396-001ADUP	11:21:33	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	WASH	11:24:13	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	MB-0267	11:26:52	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	LCS-0267	11:29:31	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201383-005A	11:32:10	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201383-005ADUP	11:34:49	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201383-005AMS	11:37:28	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201383-005AMSD	11:40:07	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	CCV	11:42:46	Tue 01-F	Qc Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	CCB	11:45:26	Tue 01-F	Qc Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201383-005APS	11:48:48	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201383-005ASRL	11:51:27	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201383-001A	11:54:06	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\
	2201383-002A	11:56:45	Tue 01-F	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\020122eh\

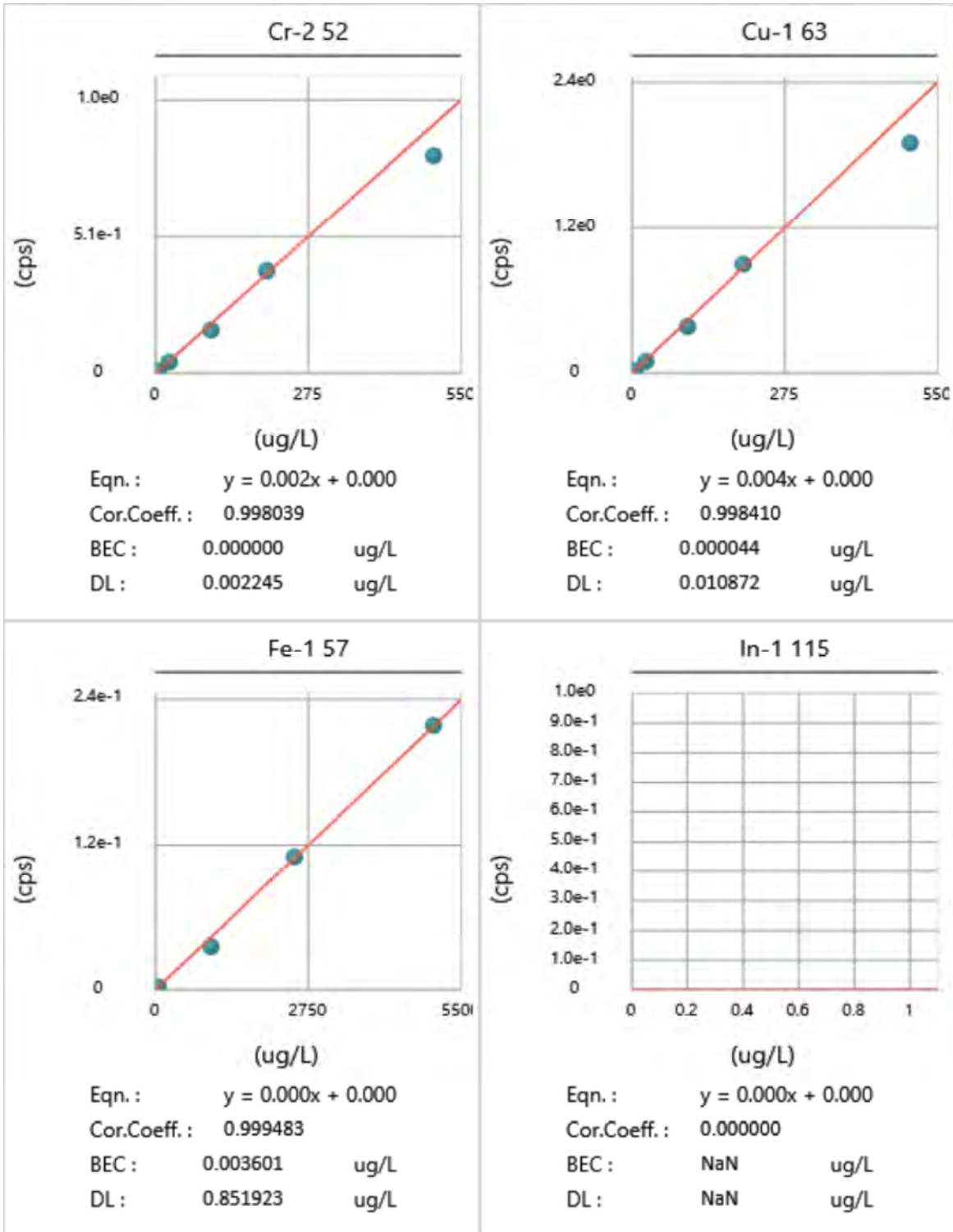
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CCB	12:24:03 Tue 01-FQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\02012
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2201443-001A	12:45:38 Tue 01-FSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\02012
2201443-001ADUP	12:48:17 Tue 01-FSample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\02012
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2201515-004A	13:38:27 Tue 01-FSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\02012
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CCB	13:43:45 Tue 01-FQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\02012
2201515-005A	13:46:34 Tue 01-FSample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\02012
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CCV	14:02:28 Tue 01-FQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\02012
CCB	14:05:08 Tue 01-FQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\02012
MB-35193	14:08:12 Tue 01-FSample	C:\Users\Public\DocumMBLK,M-TCLP	gistix\ICPMS\DataSet\Jan2022\02012
LCS-35193	14:10:51 Tue 01-FSample	C:\Users\Public\DocumLCS,M-TCLP	gistix\ICPMS\DataSet\Jan2022\02012
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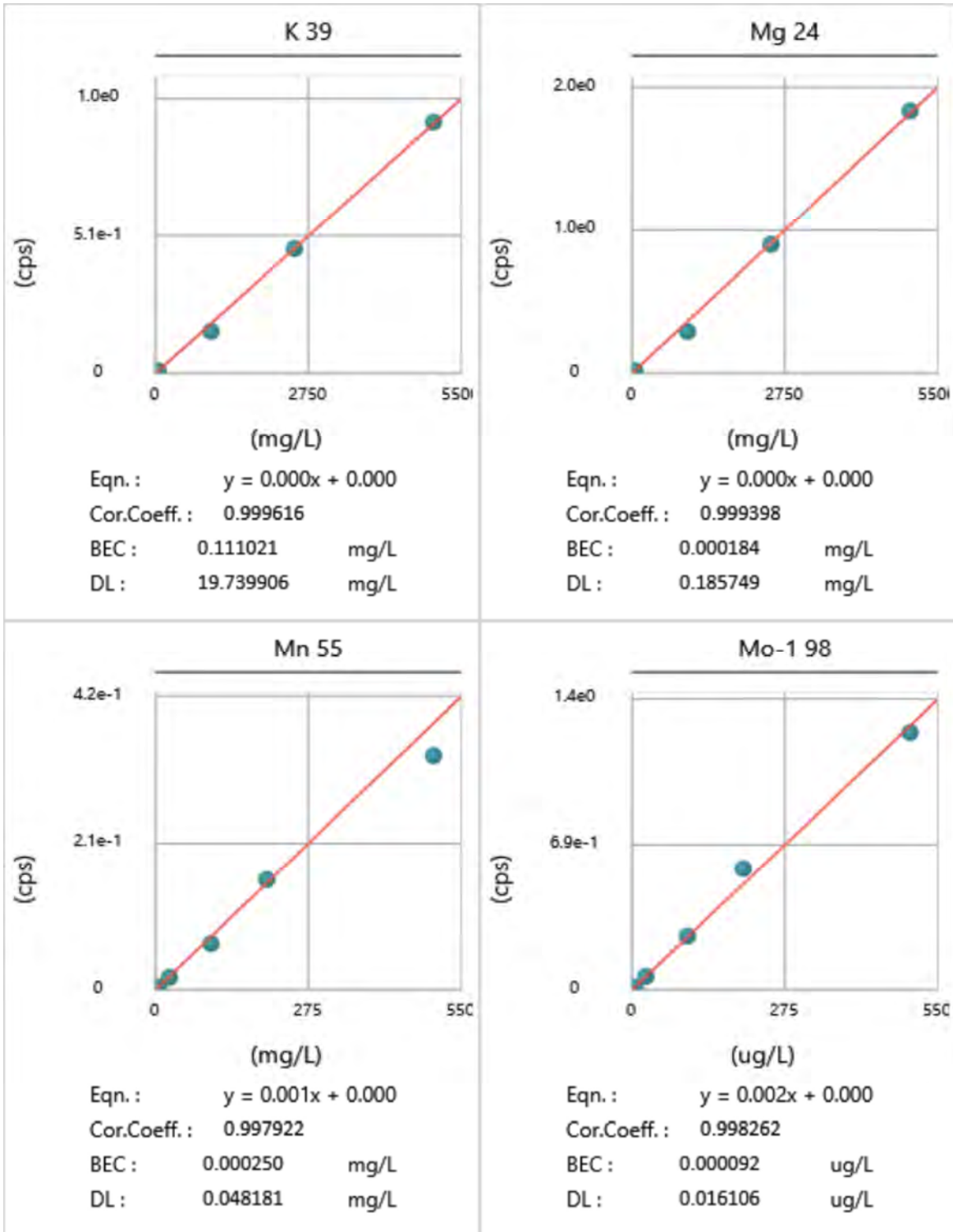


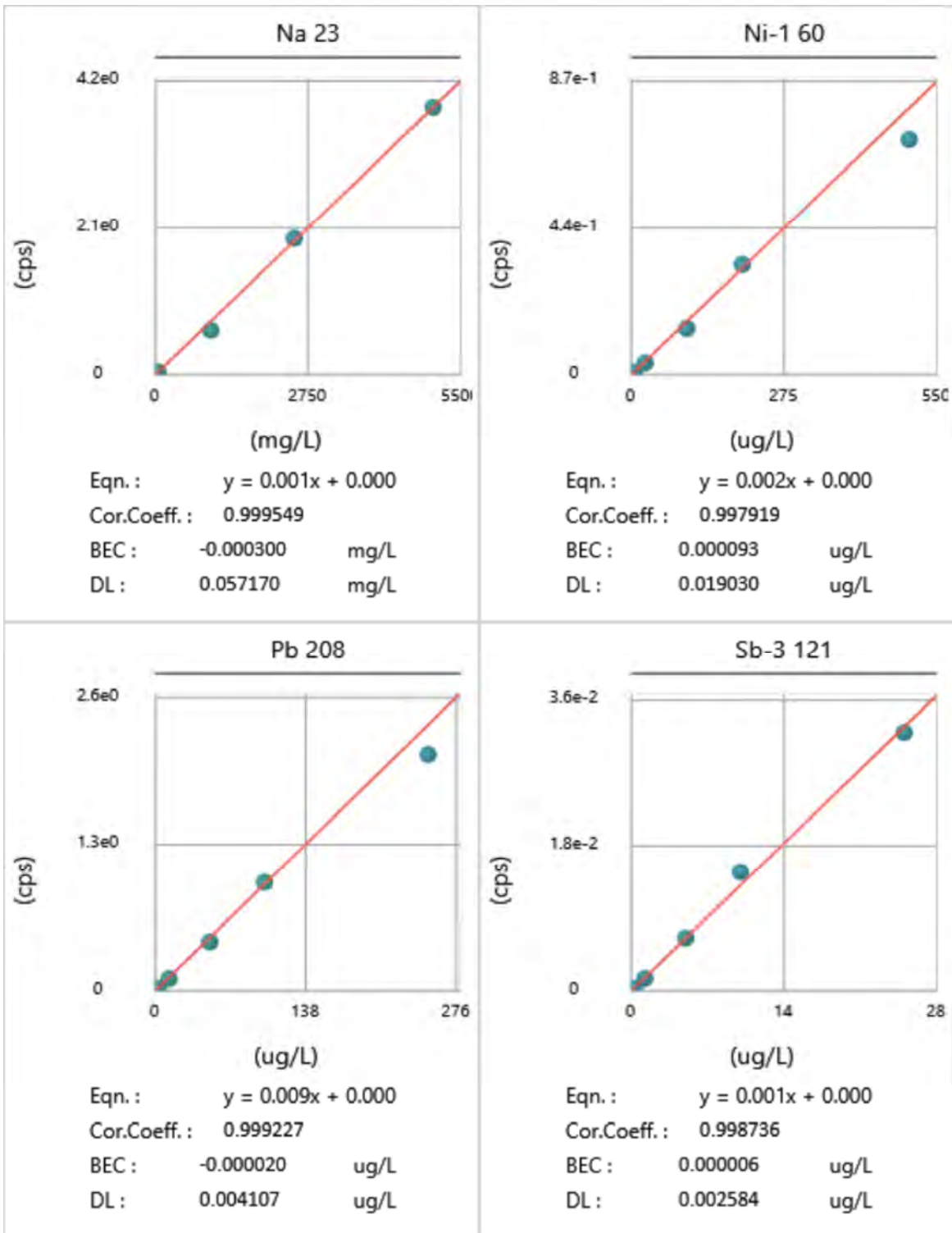
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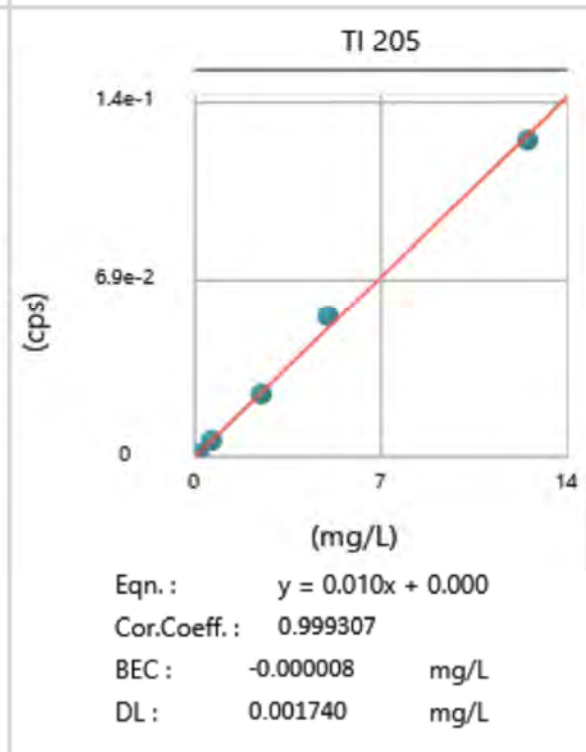
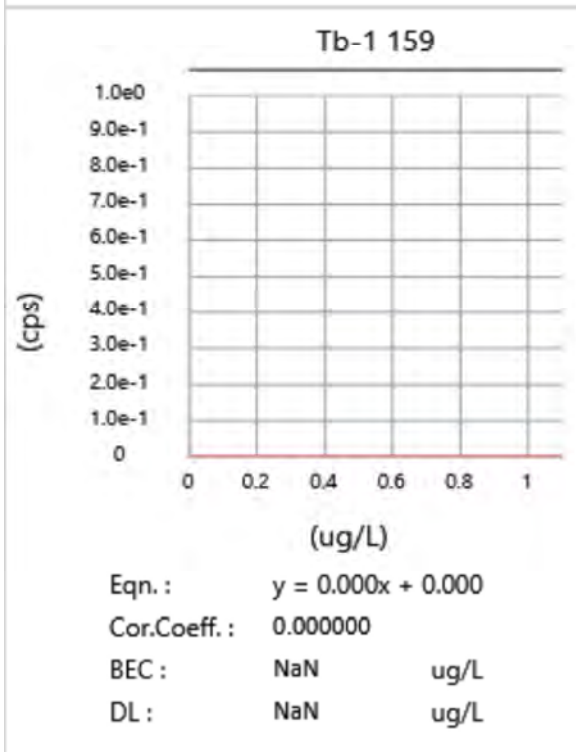
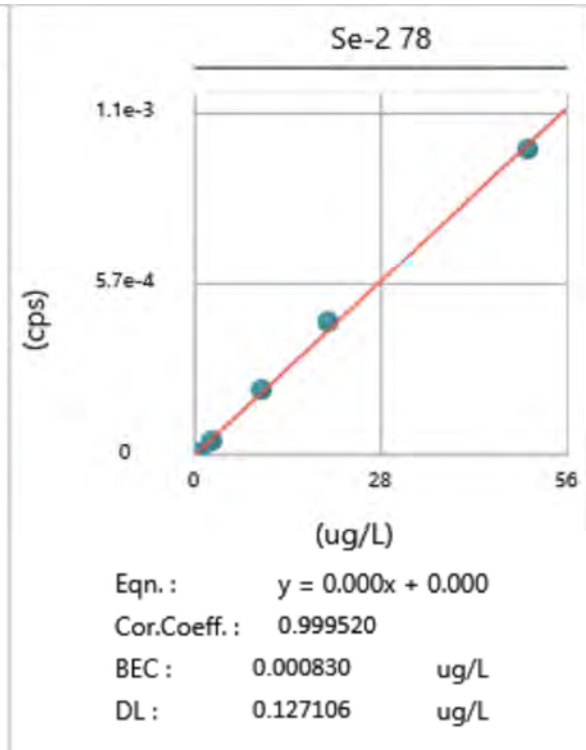
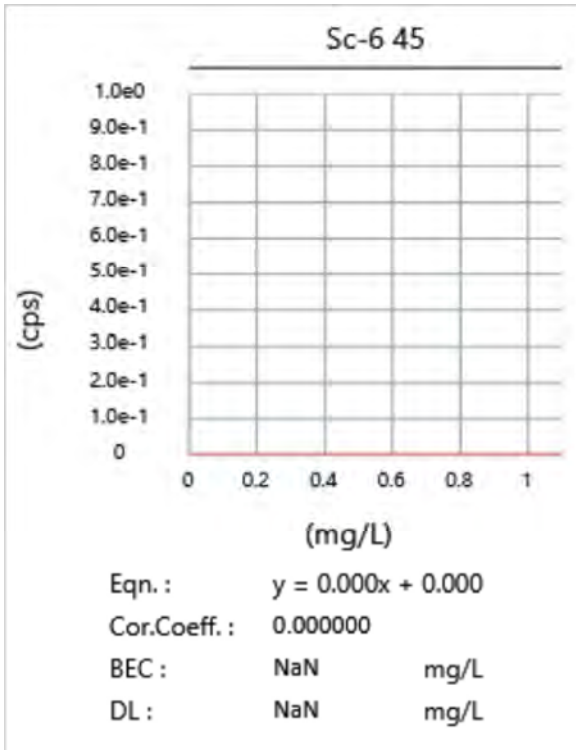


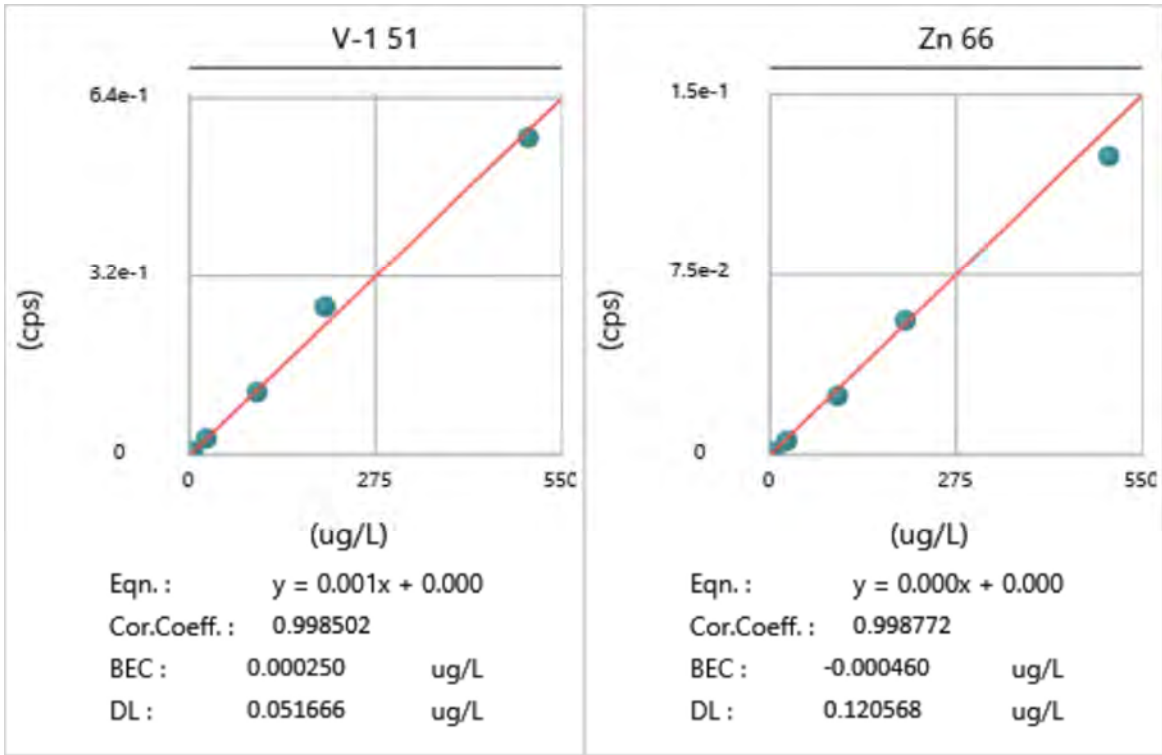


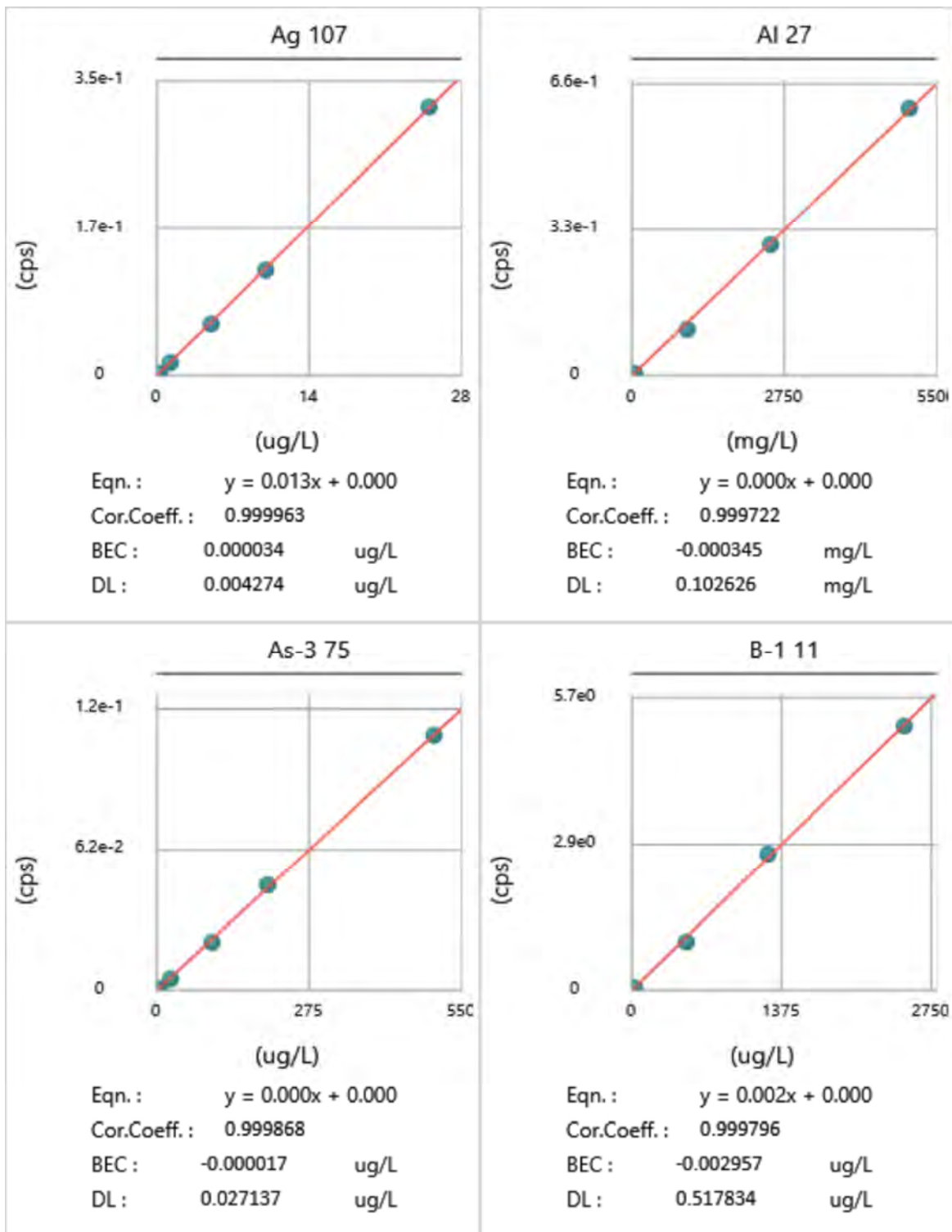


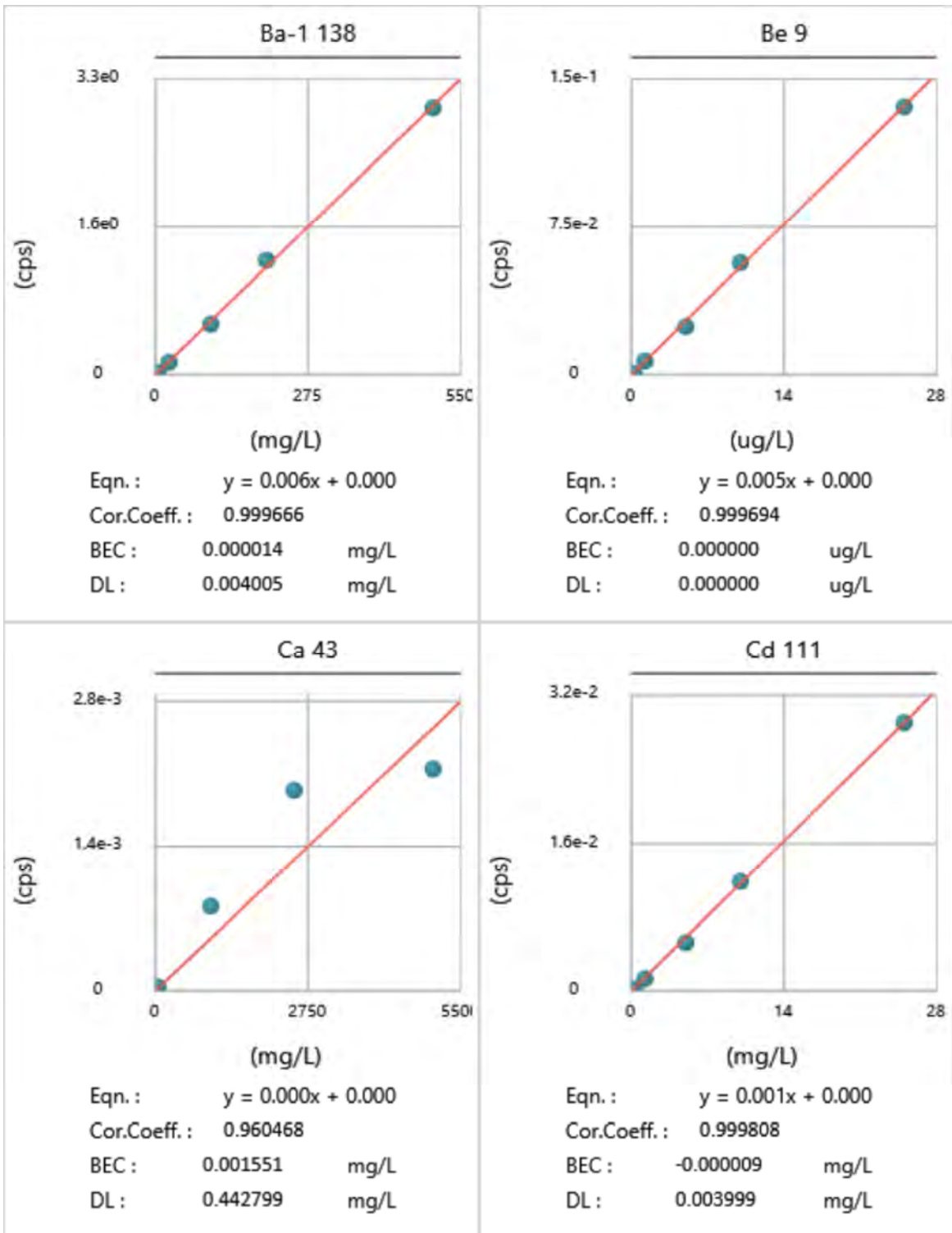


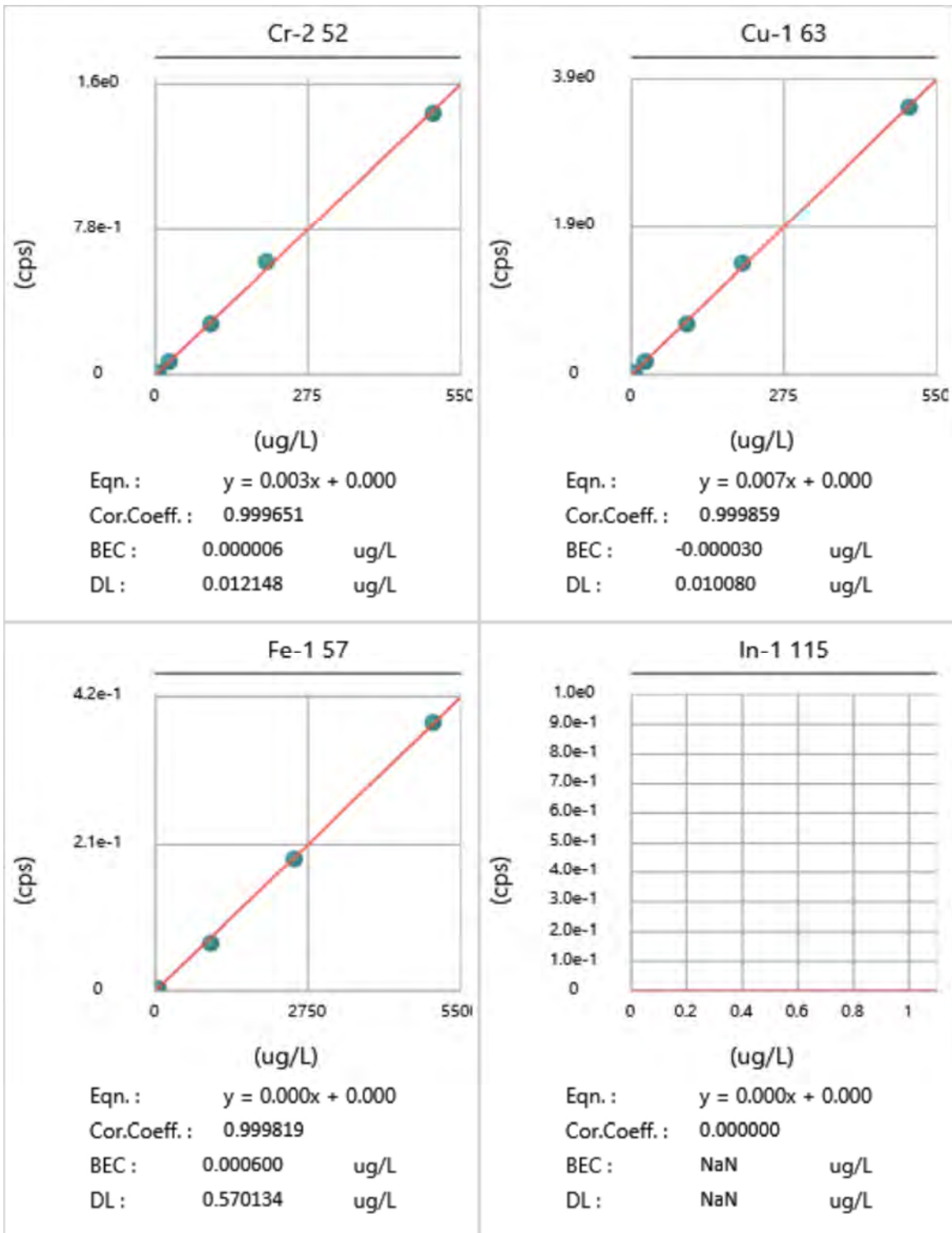


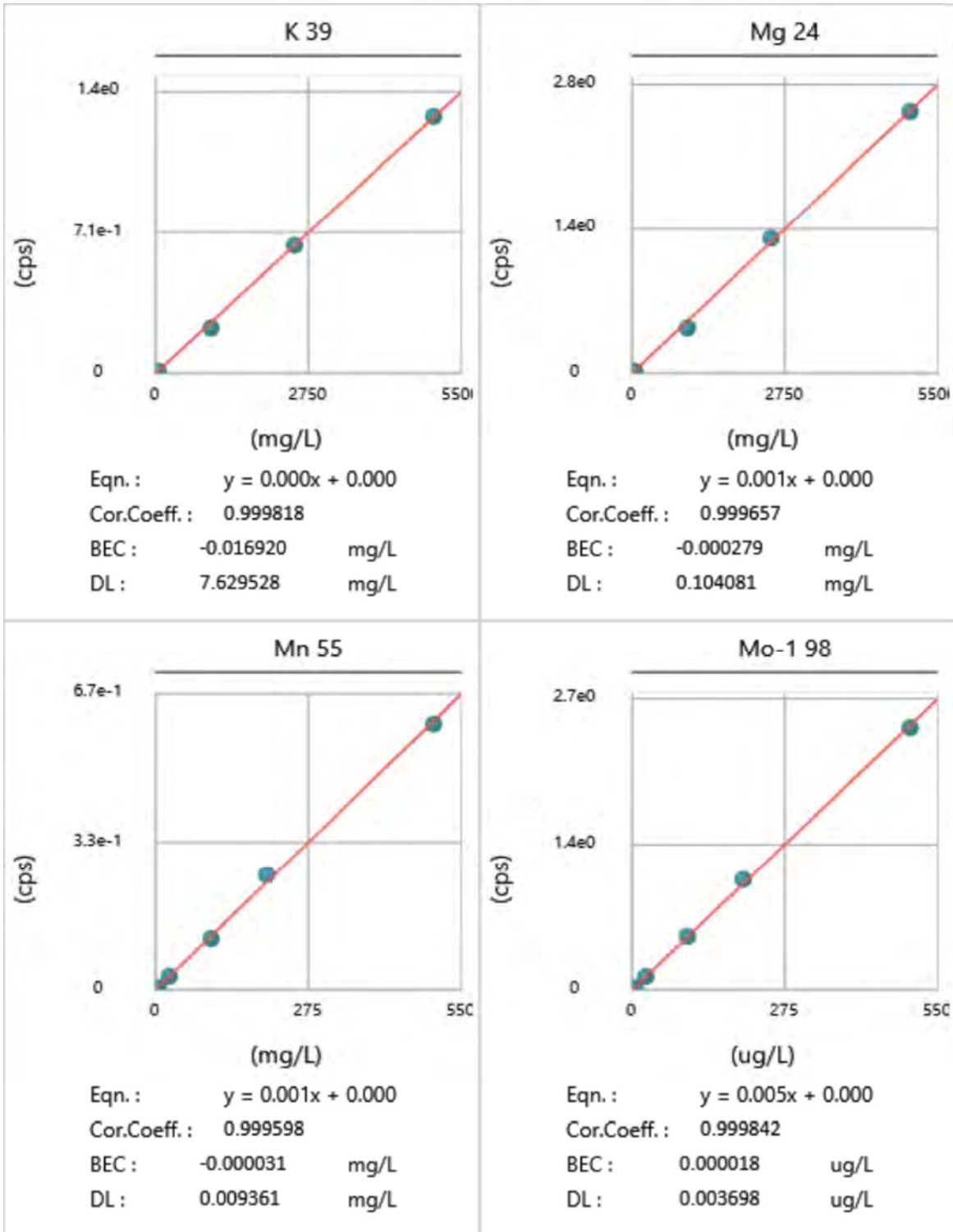


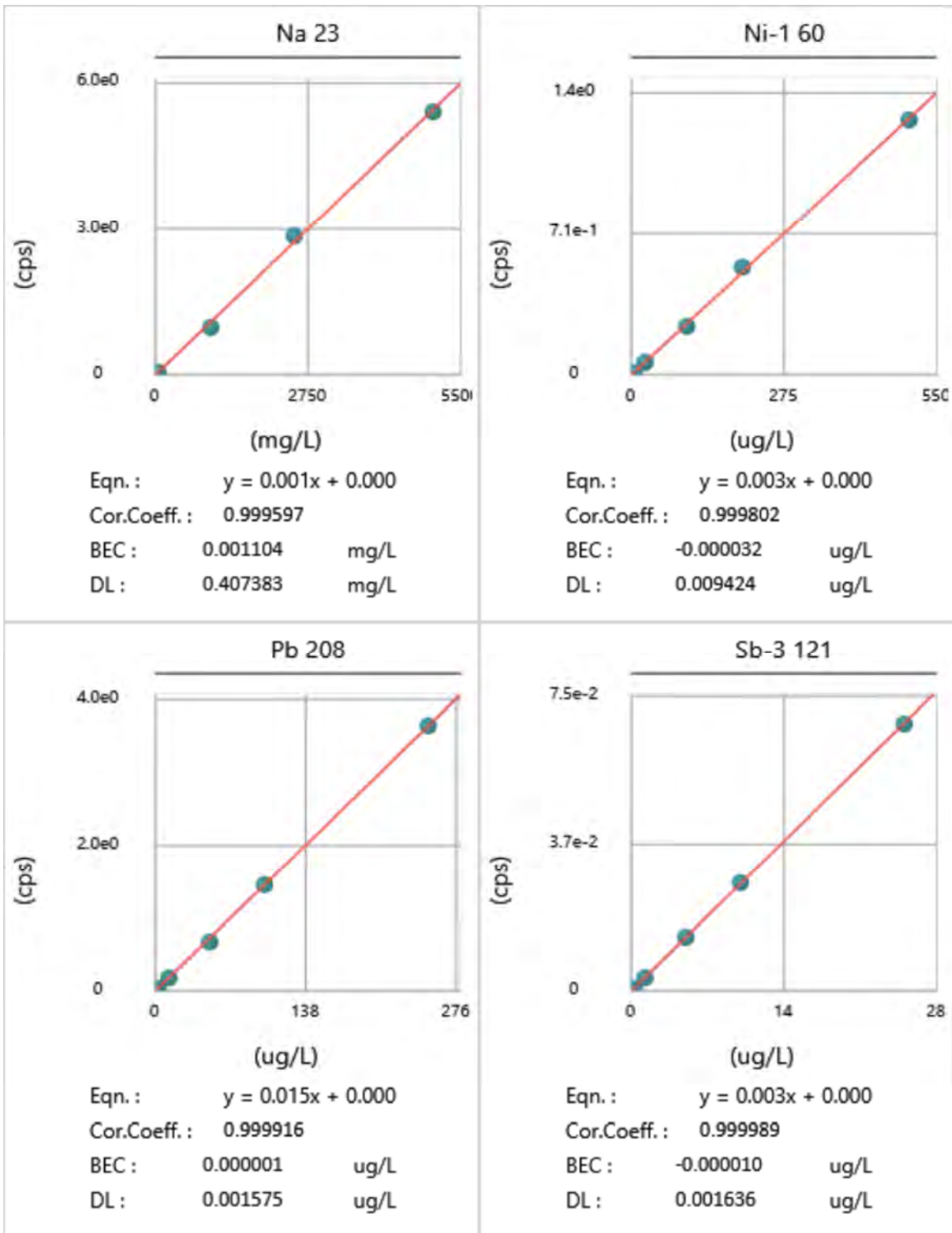


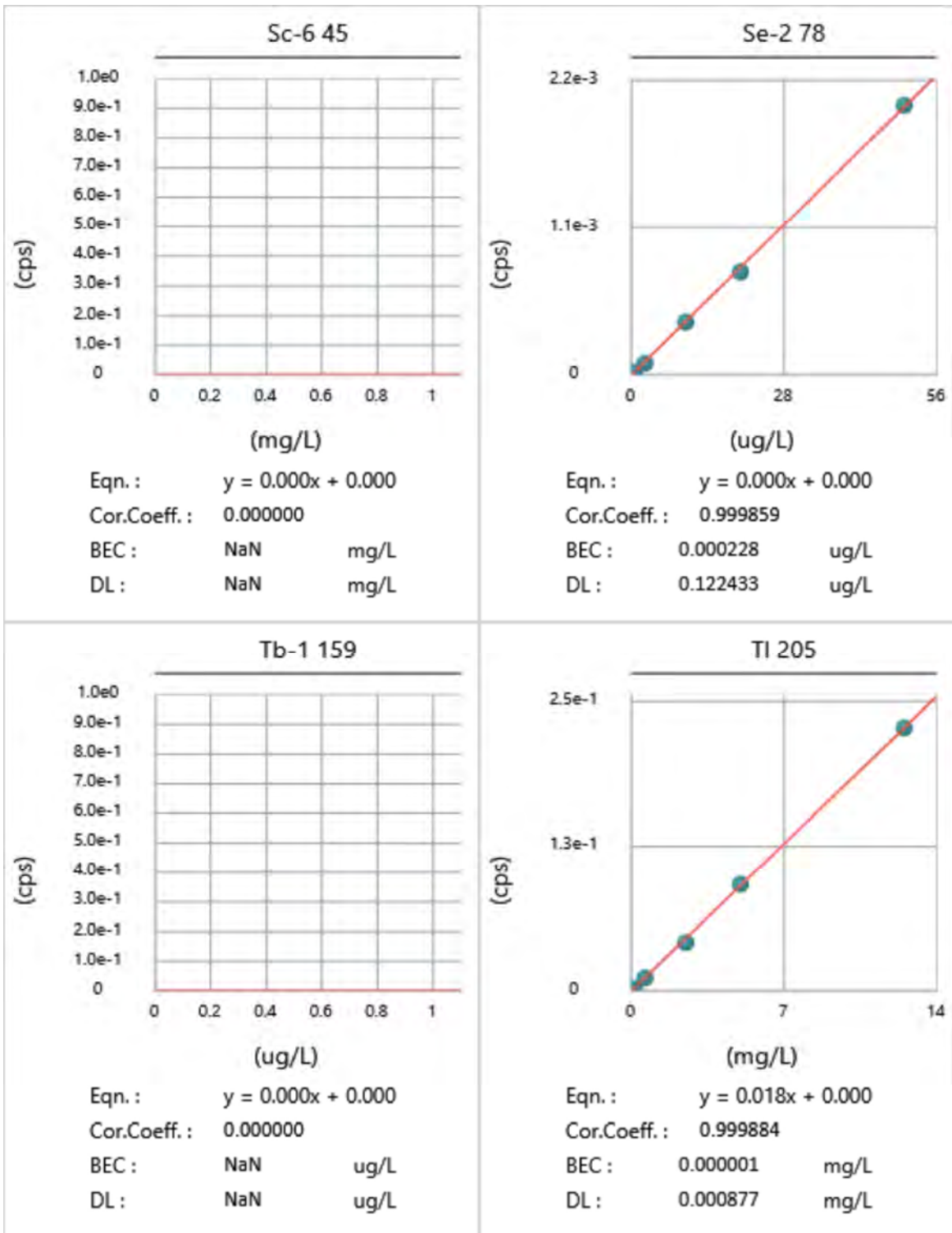


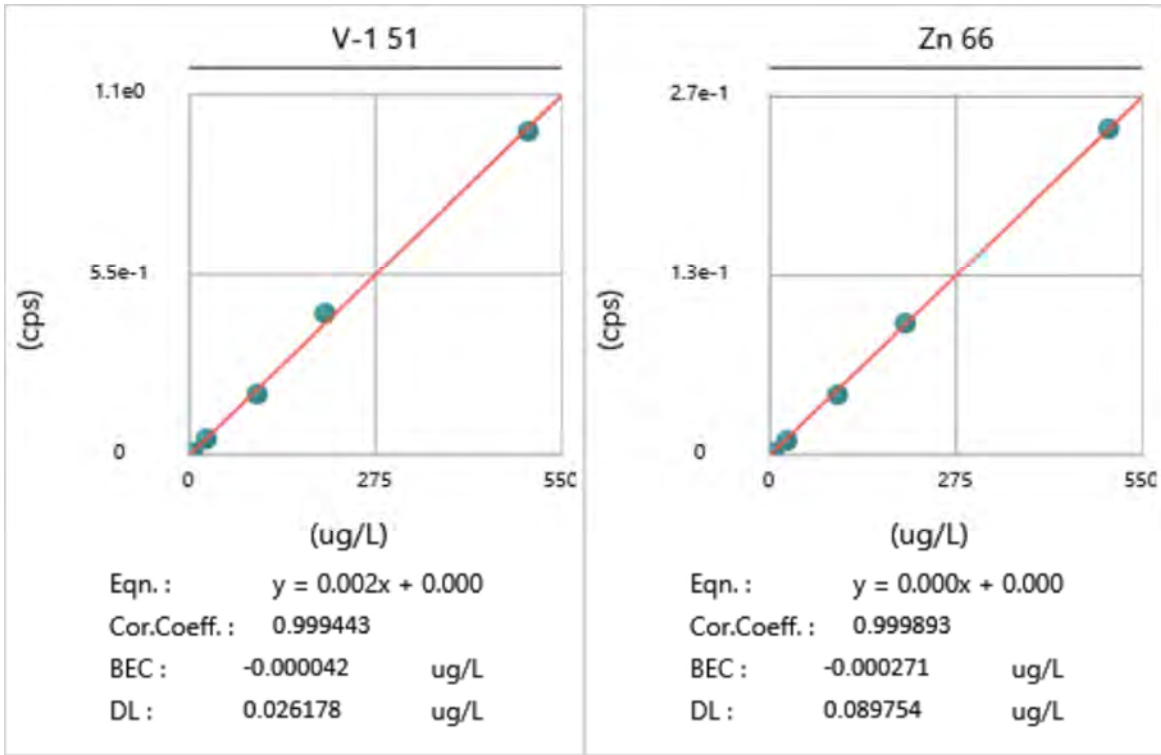














Tunes

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/26/2022 9:16:11 AM

End Time: 1/26/2022 9:18:32 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 12032.60

Obtained Intensity (Mg 24): 39841.17

Obtained Intensity (In 115): 67704.20

Obtained Intensity (U 238): 63735.56

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.023 (=1674.30 / 72104.92)

Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=785.42 / 72104.92)

Obtained RSD (Be 9): 0.0165

Obtained RSD (Mg 24): 0.0243

Obtained RSD (In 115): 0.0106

Obtained RSD (U 238): 0.0165

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/26/2022 9:16:11 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 12032.60
Obtained Intensity (Mg 24): 39841.17
Obtained Intensity (In 115): 67704.20
Obtained Intensity (U 238): 63735.56
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.023 (=1674.30 / 72104.92)
Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=785.42 / 72104.92)
Obtained RSD (Be 9): 0.0165
Obtained RSD (Mg 24): 0.0243
Obtained RSD (In 115): 0.0106
Obtained RSD (U 238): 0.0165

[Passed] Optimum value(s): N/A

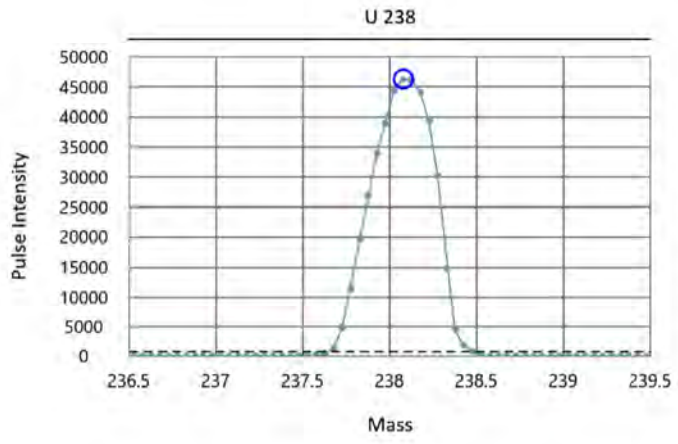
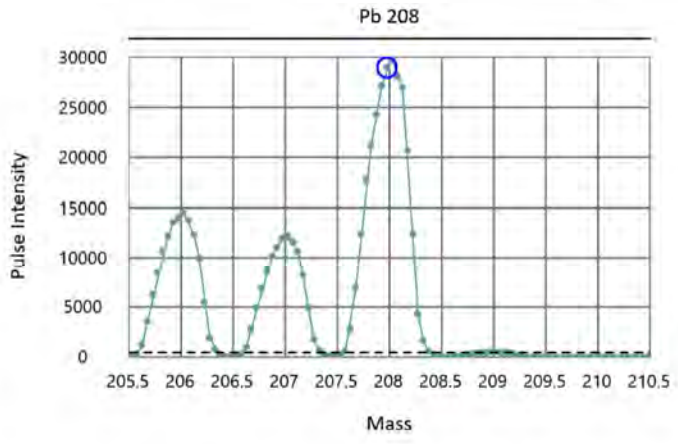
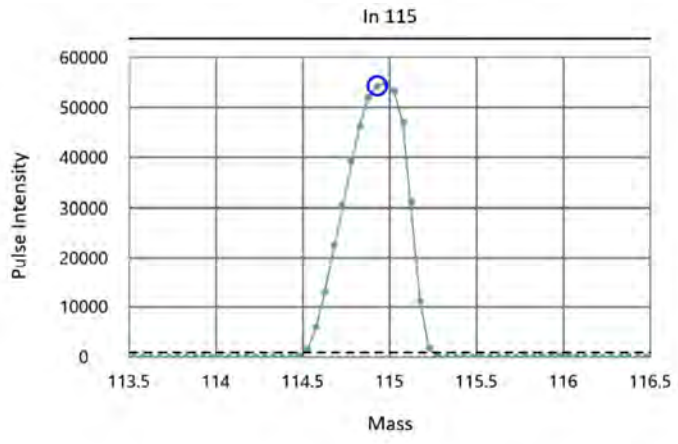
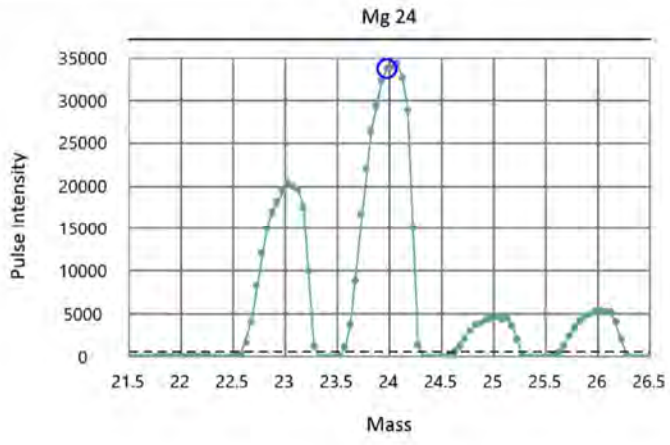
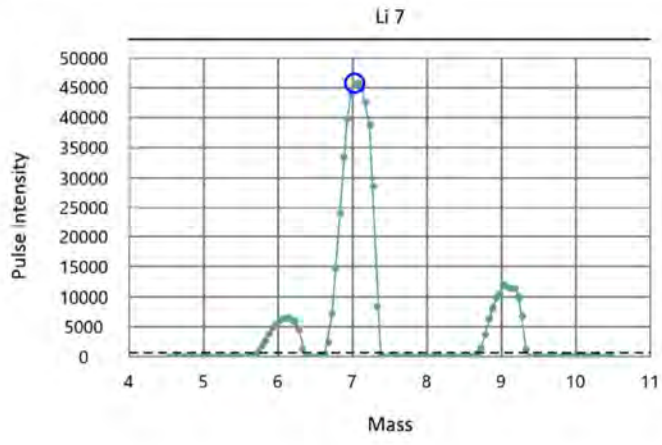
End Time: 1/26/2022 9:18:32 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.692)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.690)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.682)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.741)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.726)

Acq. Date/Time: 1/25/2022 8:29:34 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1322	2022	0.692	
Mg	23.985	23.975	4713	2023	0.690	
In	114.904	114.925	22856	2041	0.682	
Pb	207.977	207.975	41418	2060	0.741	
U	238.05	238.075	47420	2067	0.726	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 2/1/2022 8:59:19 AM

End Time: 2/1/2022 9:01:40 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 11157.89

Obtained Intensity (Mg 24): 49618.64

Obtained Intensity (In 115): 80793.18

Obtained Intensity (U 238): 70055.83

Obtained Intensity (Bkgd 220): 0.10

Obtained Formula (CeO 156 / Ce 140): 0.020 (=1812.25 / 88448.25)

Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=993.37 / 88448.25)

Obtained RSD (Be 9): 0.0122

Obtained RSD (Mg 24): 0.0181

Obtained RSD (In 115): 0.0114

Obtained RSD (U 238): 0.0088

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 2/1/2022 8:59:19 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 11157.89
Obtained Intensity (Mg 24): 49618.64
Obtained Intensity (In 115): 80793.18
Obtained Intensity (U 238): 70055.83
Obtained Intensity (Bkgd 220): 0.10
Obtained Formula (CeO 156 / Ce 140): 0.020 (=1812.25 / 88448.25)
Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=993.37 / 88448.25)
Obtained RSD (Be 9): 0.0122
Obtained RSD (Mg 24): 0.0181
Obtained RSD (In 115): 0.0114
Obtained RSD (U 238): 0.0088

[Passed] Optimum value(s): N/A

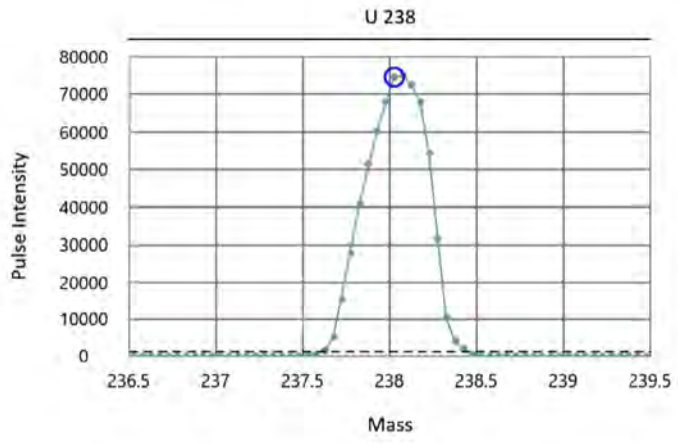
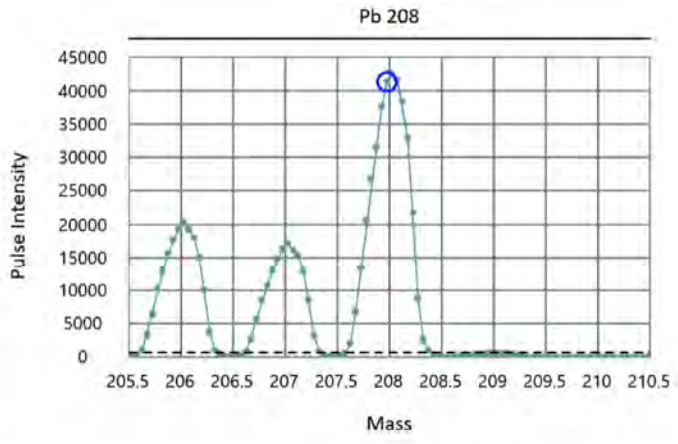
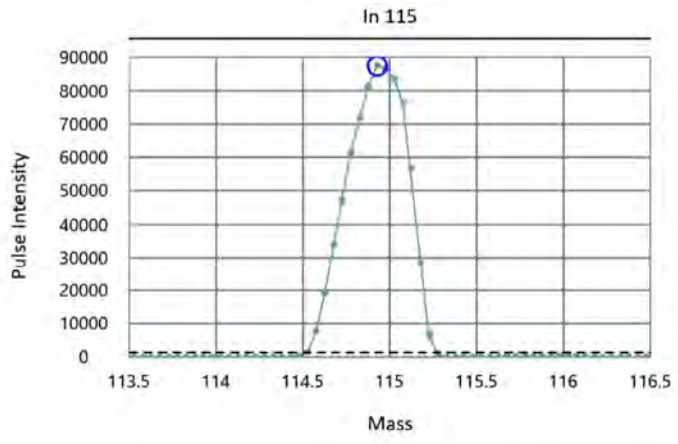
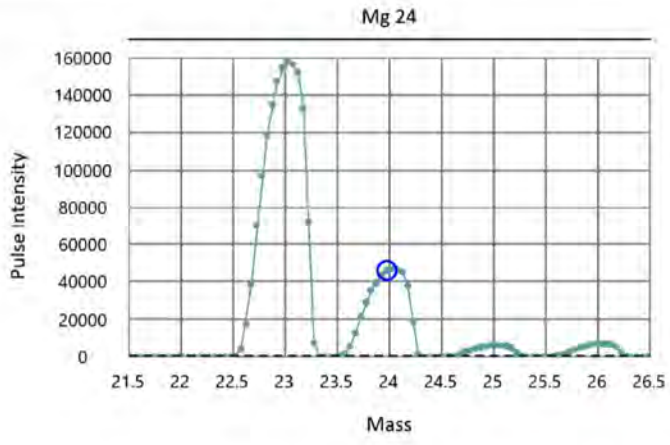
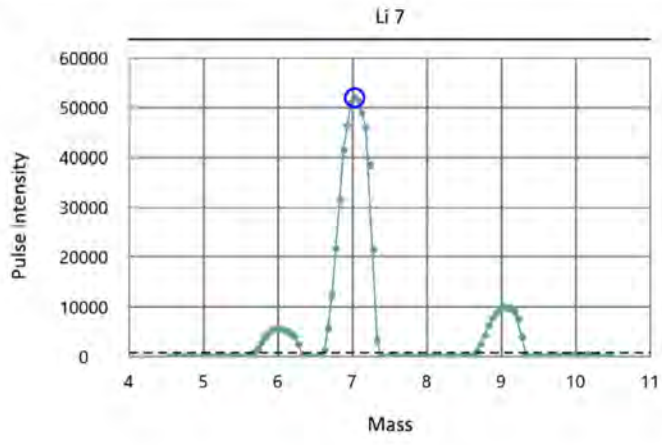
End Time: 2/1/2022 9:01:40 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.695)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.693)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.697)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.716)
 Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.729)

Acq. Date/Time: 2/1/2022 8:46:32 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1326	2022	0.695	
Mg	23.985	23.975	4714	2023	0.693	
In	114.904	114.925	22852	2041	0.697	
Pb	207.977	207.975	41414	2060	0.716	
U	238.05	238.025	47418	2067	0.729	



DATA SET for Review -- Deliverable Requirements

Polychlorinated Biphenyls (PCB) by EPA 8082

Fremont Analytical Work Order No. 2201334

Shannon & Wilson

Project Name: 8801- Remediation

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information

Data Directory: D:\GC-16\Data\2021\111721\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 111701.D CO	8081_8082A_608.M	6	1.000	17 Nov 2021 09:26 am
2) 111702.D 1660 10	8081_8082A_608.M	11	1.000	17 Nov 2021 09:36 am
3) 111703.D 1660 20	8081_8082A_608.M	12	1.000	17 Nov 2021 09:45 am
4) 111704.D 1660 50	8081_8082A_608.M	13	1.000	17 Nov 2021 09:55 am
5) 111705.D 1660 100	8081_8082A_608.M	14	1.000	17 Nov 2021 10:05 am
6) 111706.D 1660 200	8081_8082A_608.M	15	1.000	17 Nov 2021 10:15 am
7) 111707.D 1660 500	8081_8082A_608.M	16	1.000	17 Nov 2021 10:24 am
8) 111708.D 1660 1000	8081_8082A_608.M	17	1.000	17 Nov 2021 10:34 am
9) 111709.D 1660 2000	8081_8082A_608.M	18	1.000	17 Nov 2021 10:44 am
10) 111710.D 1660 ICB	8081_8082A_608.M	19	1.000	17 Nov 2021 10:53 am
11) 111711.D 1660 ICV	8081_8082A_608.M	20	1.000	17 Nov 2021 11:03 am
12) 111712.D 1254 10	8081_8082A_608.M	21	1.000	17 Nov 2021 11:13 am
13) 111713.D 1254 20	8081_8082A_608.M	22	1.000	17 Nov 2021 11:22 am
14) 111714.D 1254 50	8081_8082A_608.M	23	1.000	17 Nov 2021 11:32 am
15) 111715.D 1254 100	8081_8082A_608.M	24	1.000	17 Nov 2021 11:42 am
16) 111716.D 1254 200	8081_8082A_608.M	25	1.000	17 Nov 2021 11:52 am
17) 111717.D 1254 500	8081_8082A_608.M	26	1.000	17 Nov 2021 12:01 pm
18) 111718.D 1254 1000	8081_8082A_608.M	27	1.000	17 Nov 2021 12:11 pm
19) 111719.D 1254 2000	8081_8082A_608.M	28	1.000	17 Nov 2021 12:21 pm
20) 111720.D 1254 ICB	8081_8082A_608.M	29	1.000	17 Nov 2021 12:30 pm
21) 111721.D 1254 ICV	8081_8082A_608.M	30	1.000	17 Nov 2021 12:40 pm

22)	111722.D	8081_8082A_608.M	31	1.000	17 Nov 2021	12:50	pm
23)	111723.D	8081_8082A_608.M	32	1.000	17 Nov 2021	01:00	pm
24)	111724.D	8081_8082A_608.M	33	1.000	17 Nov 2021	01:09	pm
25)	111725.D	8081_8082A_608.M	34	1.000	17 Nov 2021	01:19	pm
26)	111726.D	8081_8082A_608.M	35	1.000	17 Nov 2021	01:29	pm
27)	111727.D	8081_8082A_608.M	36	1.000	17 Nov 2021	01:39	pm
28)	111728.D	8081_8082A_608.M	37	1.000	17 Nov 2021	01:48	pm
29)	111729.D	8081_8082A_608.M	38	1.000	17 Nov 2021	01:58	pm
30)	111730.D	8081_8082A_608.M	39	1.000	17 Nov 2021	02:08	pm
31)	111731.D	8081_8082A_608.M	40	1.000	17 Nov 2021	02:17	pm
32)	111732.D	8081_8082A_608.M	6	1.000	17 Nov 2021	02:27	pm
33)	111733.D	8081_8082A_608.M	7	1.000	17 Nov 2021	02:37	pm
34)	111734.D	8081_8082A_608.M	8	1.000	17 Nov 2021	02:47	pm
35)	111735.D	8081_8082A_608.M	41	1.000	17 Nov 2021	02:56	pm
36)	111736.D	8081_8082A_608.M	42	1.000	17 Nov 2021	03:06	pm
37)	111737.D	8081_8082A_608.M	43	1.000	17 Nov 2021	03:16	pm
38)	111738.D	8081_8082A_608.M	44	1.000	17 Nov 2021	03:26	pm
39)	111739.D	8081_8082A_608.M	45	1.000	17 Nov 2021	03:35	pm
40)	111740.D	8081_8082A_608.M	46	1.000	17 Nov 2021	03:45	pm
41)	111741.D	8081_8082A_608.M	47	1.000	17 Nov 2021	03:55	pm
42)	111742.D	8081_8082A_608.M	48	1.000	17 Nov 2021	04:04	pm
43)	111743.D	8081_8082A_608.M	6	1.000	17 Nov 2021	04:14	pm
44)	111744.D	8081_8082A_608.M	7	1.000	17 Nov 2021	04:24	pm
45)	111745.D	8081_8082A_608.M					

1221-CCV		8	1.000	17 Nov 2021	04:34	pm
46) 111746.D	8081_8082A_608.M					
MB-34460		51	1.000	17 Nov 2021	04:43	pm
47) 111747.D	8081_8082A_608.M					
LC1-34460		52	1.000	17 Nov 2021	04:53	pm
48) 111748.D	8081_8082A_608.M					
LCS1D-34460		53	1.000	17 Nov 2021	05:03	pm
49) 111749.D	8081_8082A_608.M					
LCS2-34460		54	1.000	17 Nov 2021	05:12	pm
50) 111750.D	8081_8082A_608.M					
LCS-LL-34460		55	1.000	17 Nov 2021	05:22	pm
51) 111751.D	8081_8082A_608.M					
2111233-001A		56	1.000	17 Nov 2021	05:32	pm
52) 111752.D	8081_8082A_608.M					
2111234-001A		57	1.000	17 Nov 2021	05:42	pm
53) 111753.D	8081_8082A_608.M					
2111317-001A		58	1.000	17 Nov 2021	05:51	pm
54) 111754.D	8081_8082A_608.M					
2111318-001A		59	1.000	17 Nov 2021	06:01	pm
55) 111755.D	8081_8082A_608.M					
2111338-001D		60	1.000	17 Nov 2021	06:11	pm
56) 111756.D	8081_8082A_608.M					
2111339-001D		61	1.000	17 Nov 2021	06:20	pm
57) 111757.D	8081_8082A_608.M					
2111339-001DMS		62	1.000	17 Nov 2021	06:30	pm
58) 111758.D	8081_8082A_608.M					
CO		6	1.000	17 Nov 2021	06:40	pm
59) 111759.D	8081_8082A_608.M					
1660-CCV-		6	1.000	17 Nov 2021	06:50	pm
60) 111760.D	8081_8082A_608.M					
1254-CCV-		7	1.000	17 Nov 2021	06:59	pm
61) 111761.D	8081_8082A_608.M					
MB-34475		71	1.000	17 Nov 2021	07:09	pm
62) 111762.D	8081_8082A_608.M					
LCS1-34475		72	1.000	17 Nov 2021	07:19	pm
63) 111763.D	8081_8082A_608.M					
LCS2-34475		73	1.000	17 Nov 2021	07:29	pm
64) 111764.D	8081_8082A_608.M					
2111300-010A		74	1.000	17 Nov 2021	07:38	pm
65) 111765.D	8081_8082A_608.M					
2111300-010AMS		75	1.000	17 Nov 2021	07:48	pm
66) 111766.D	8081_8082A_608.M					
2111300-010AMSD		76	1.000	17 Nov 2021	07:58	pm
67) 111767.D	8081_8082A_608.M					
2111335-001A		77	1.000	17 Nov 2021	08:07	pm
68) 111768.D	8081_8082A_608.M					
2111335-002A		78	1.000	17 Nov 2021	08:17	pm

69) 111769.D 2111335-003A	8081_8082A_608.M	79	1.000	17 Nov 2021	08:27 pm
70) 111770.D CO	8081_8082A_608.M	7	1.000	17 Nov 2021	08:37 pm
71) 111771.D 1660-CCV-	8081_8082A_608.M	6	1.000	17 Nov 2021	08:46 pm
72) 111772.D 1254-CCV-	8081_8082A_608.M	7	1.000	17 Nov 2021	08:56 pm

Data Directory: D:\GC-16\Data\2022\012422\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 012401.D CO	8081_8082A_608.M	6	1.000	24 Jan 2022 08:44 am
2) 012402.D co	8081_8082A_608.M	7	1.000	24 Jan 2022 08:53 am
3) 012403.D 1660-CCV-	8081_8082A_608.M	6	1.000	24 Jan 2022 09:03 am
4) 012404.D 1254-CCV-	8081_8082A_608.M	7	1.000	24 Jan 2022 09:13 am
5) 012405.D 1254-CCV-	8081_8082A_608.M	8	1.000	24 Jan 2022 09:23 am
6) 012406.D CO	8081_8082A_608.M	6	1.000	24 Jan 2022 10:33 am
7) 012407.D co	8081_8082A_608.M	7	1.000	24 Jan 2022 10:42 am
8) 012408.D 1660-CCV-	8081_8082A_608.M	6	1.000	24 Jan 2022 10:52 am
9) 012409.D 1254-CCV-	8081_8082A_608.M	7	1.000	24 Jan 2022 11:02 am
10) 012410.D 1248-CCV-	8081_8082A_608.M	8	1.000	24 Jan 2022 11:12 am
11) 012411.D MB-35104	8081_8082A_608.M	71	1.000	24 Jan 2022 11:22 am
12) 012412.D LCS1-35104	8081_8082A_608.M	72	1.000	24 Jan 2022 11:31 am
13) 012413.D LCS1D-35104	8081_8082A_608.M	73	1.000	24 Jan 2022 11:41 am
14) 012414.D LCS-LL-35104	8081_8082A_608.M	74	1.000	24 Jan 2022 11:51 am
15) 012415.D 2201277-001D	8081_8082A_608.M	75	1.000	24 Jan 2022 12:01 pm
16) 012416.D 2201297-001A	8081_8082A_608.M	76	1.000	24 Jan 2022 12:11 pm
17) 012417.D 2201269-001A	8081_8082A_608.M	77	1.000	24 Jan 2022 12:21 pm
18) 012418.D co	8081_8082A_608.M	7	1.000	24 Jan 2022 12:30 pm
19) 012419.D 1660-CCV-	8081_8082A_608.M	6	1.000	24 Jan 2022 12:40 pm
20) 012420.D 1254-CCV-	8081_8082A_608.M	7	1.000	24 Jan 2022 01:14 pm
21) 012421.D 1248-CCV-	8081_8082A_608.M	8	1.000	24 Jan 2022 01:24 pm

22) 012422.D MB-35117	8081_8082A_608.M	81	1.000	24 Jan 2022	02:53 pm
23) 012423.D LCS1-35117	8081_8082A_608.M	82	1.000	24 Jan 2022	03:03 pm
24) 012424.D LCS2-35117	8081_8082A_608.M	83	1.000	24 Jan 2022	03:12 pm
25) 012425.D 2201333-001A	8081_8082A_608.M	84	1.000	24 Jan 2022	03:22 pm
26) 012426.D 2201334-040A	8081_8082A_608.M	85	1.000	24 Jan 2022	03:32 pm
27) 012427.D 2201334-041A	8081_8082A_608.M	86	1.000	24 Jan 2022	03:42 pm
28) 012428.D 2201334-042A	8081_8082A_608.M	87	1.000	24 Jan 2022	03:52 pm
29) 012429.D 2201334-061A	8081_8082A_608.M	88	1.000	24 Jan 2022	04:01 pm
30) 012430.D 2201334-062A	8081_8082A_608.M	89	1.000	24 Jan 2022	04:11 pm
31) 012431.D 2201334-063A	8081_8082A_608.M	90	1.000	24 Jan 2022	04:21 pm
32) 012432.D 2201334-064A	8081_8082A_608.M	91	1.000	24 Jan 2022	04:31 pm
33) 012433.D 2201334-065A	8081_8082A_608.M	92	1.000	24 Jan 2022	04:40 pm
34) 012434.D 2201334-066A	8081_8082A_608.M	93	1.000	24 Jan 2022	04:50 pm
35) 012435.D 2201334-072A	8081_8082A_608.M	94	1.000	24 Jan 2022	05:00 pm
36) 012436.D 2201334-073A	8081_8082A_608.M	95	1.000	24 Jan 2022	05:10 pm
37) 012437.D 2201334-074A	8081_8082A_608.M	96	1.000	24 Jan 2022	05:20 pm
38) 012438.D 2201334-075A	8081_8082A_608.M	97	1.000	24 Jan 2022	05:30 pm
39) 012439.D 2201334-076A	8081_8082A_608.M	98	1.000	24 Jan 2022	05:39 pm
40) 012440.D 2201334-076AMS	8081_8082A_608.M	99	1.000	24 Jan 2022	05:49 pm
41) 012441.D 2201334-076AMSD	8081_8082A_608.M	100	1.000	24 Jan 2022	05:59 pm
42) 012442.D 2201142-037A	8081_8082A_608.M	101	1.000	24 Jan 2022	06:09 pm
43) 012443.D MDL 0.01	8081_8082A_608.M	102	1.000	24 Jan 2022	06:19 pm
44) 012444.D co	8081_8082A_608.M	7	1.000	24 Jan 2022	06:28 pm
45) 012445.D	8081_8082A_608.M				

1660-CCV-		6	1.000	24 Jan 2022	06:38 pm
46) 012446.D	8081_8082A_608.M				
1254-CCV-		7	1.000	24 Jan 2022	06:48 pm
47) 012501.D	8081_8082A_608.M				
CO		6	1.000	25 Jan 2022	09:24 am
48) 012502.D	8081_8082A_608.M				
co		7	1.000	25 Jan 2022	09:34 am
49) 012503.D	8081_8082A_608.M				
1660-CCV-		6	1.000	25 Jan 2022	09:43 am
50) 012504.D	8081_8082A_608.M				
1254-CCV-		7	1.000	25 Jan 2022	09:53 am
51) 012505.D	8081_8082A_608.M				
2201334-063A 10X		103	1.000	25 Jan 2022	10:06 am
52) 012506.D	8081_8082A_608.M				
2201334-064A 10X		104	1.000	25 Jan 2022	10:16 am
53) 012507.D	8081_8082A_608.M				
1660-CCV-		6	1.000	25 Jan 2022	10:26 am
54) 012508.D	8081_8082A_608.M				
1254-CCV-		7	1.000	25 Jan 2022	10:35 am

Data Directory: D:\GC-16\Data\2022\012622\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 012601.D CO	8081_8082A_608.M	6	1.000	26 Jan 2022 10:31 am
2) 012602.D co	8081_8082A_608.M	7	1.000	26 Jan 2022 10:41 am
3) 012603.D 1660-CCV-	8081_8082A_608.M	6	1.000	26 Jan 2022 10:51 am
4) 012604.D 1254-CCV-	8081_8082A_608.M	7	1.000	26 Jan 2022 11:01 am
5) 012605.D MB-35139	8081_8082A_608.M	121	1.000	26 Jan 2022 11:11 am
6) 012606.D LCS1-35139	8081_8082A_608.M	122	1.000	26 Jan 2022 11:20 am
7) 012607.D LCS2-35139	8081_8082A_608.M	123	1.000	26 Jan 2022 11:30 am
8) 012608.D 2201334-049A	8081_8082A_608.M	124	1.000	26 Jan 2022 11:40 am
9) 012609.D 2201334-049AMS	8081_8082A_608.M	125	1.000	26 Jan 2022 11:50 am
10) 012610.D 2201334-049AMSD	8081_8082A_608.M	126	1.000	26 Jan 2022 12:00 pm
11) 012611.D 2201334-050A	8081_8082A_608.M	127	1.000	26 Jan 2022 12:10 pm
12) 012612.D 2201334-051A	8081_8082A_608.M	128	1.000	26 Jan 2022 12:19 pm
13) 012613.D 2201334-052A	8081_8082A_608.M	129	1.000	26 Jan 2022 12:29 pm
14) 012614.D 2201334-053A	8081_8082A_608.M	130	1.000	26 Jan 2022 12:39 pm
15) 012615.D 2201371-017A	8081_8082A_608.M	131	1.000	26 Jan 2022 12:49 pm
16) 012616.D co	8081_8082A_608.M	7	1.000	26 Jan 2022 12:59 pm
17) 012617.D 1660-CCV-	8081_8082A_608.M	6	1.000	26 Jan 2022 01:08 pm
18) 012618.D 1254-CCV-	8081_8082A_608.M	7	1.000	26 Jan 2022 01:18 pm
19) 012619.D CCV1 - OK	8081_8082A_608.M	141	1.000	26 Jan 2022 03:24 pm
20) 012620.D CCV2 - OK	8081_8082A_608.M	142	1.000	26 Jan 2022 03:34 pm
21) 012621.D CCV3 - OK	8081_8082A_608.M	143	1.000	26 Jan 2022 03:44 pm

22) 012622.D CCV4 - OK	8081_8082A_608.M	144	1.000	26 Jan 2022	03:53 pm
23) 012623.D 1660-CCV-	8081_8082A_608.M	6	1.000	26 Jan 2022	04:03 pm
24) 012624.D 1254-CCV-	8081_8082A_608.M	7	1.000	26 Jan 2022	04:13 pm
25) 012625.D 1660-CCV-	8081_8082A_608.M	6	1.000	27 Jan 2022	08:59 am
26) 012626.D 1254-CCV-	8081_8082A_608.M	7	1.000	27 Jan 2022	09:09 am
27) 012701.D 1660-CCV-	8081_8082A_608.M	6	1.000	27 Jan 2022	09:44 am
28) 012702.D 1254-CCV-	8081_8082A_608.M	7	1.000	27 Jan 2022	09:54 am
29) 012703.D 2201334-049A	8081_8082A_608.M	1	1.000	27 Jan 2022	10:17 am
30) 012704.D 2201334-052A	8081_8082A_608.M	2	1.000	27 Jan 2022	10:27 am
31) 012705.D 1660-CCV-	8081_8082A_608.M	6	1.000	27 Jan 2022	10:37 am
32) 012706.D 1254-CCV-	8081_8082A_608.M	7	1.000	27 Jan 2022	10:47 am



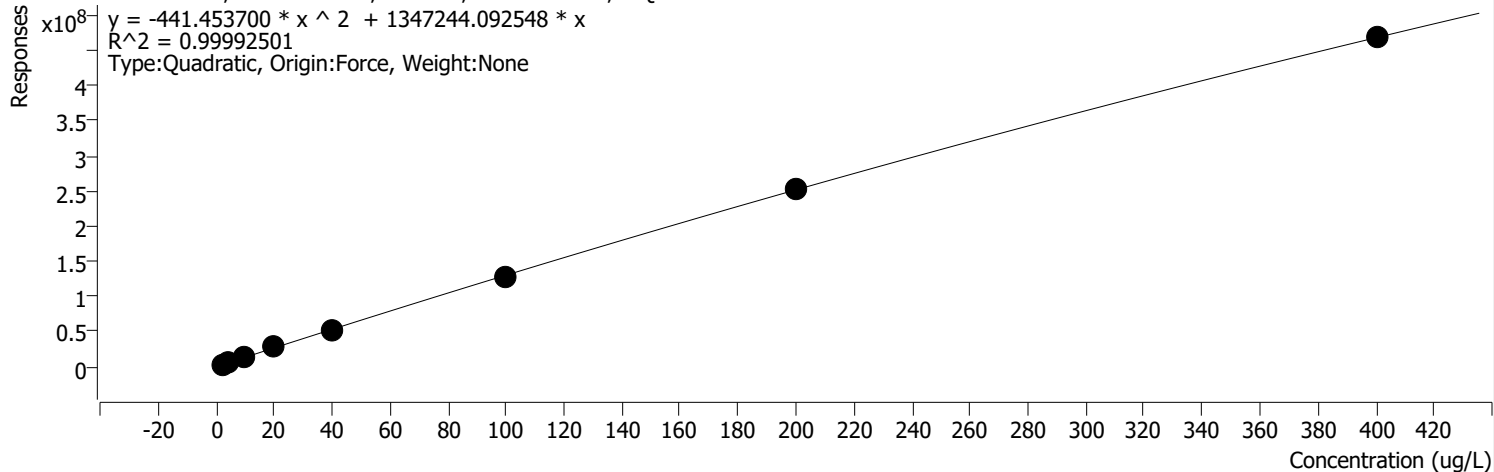
Calibration

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:03 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE =

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



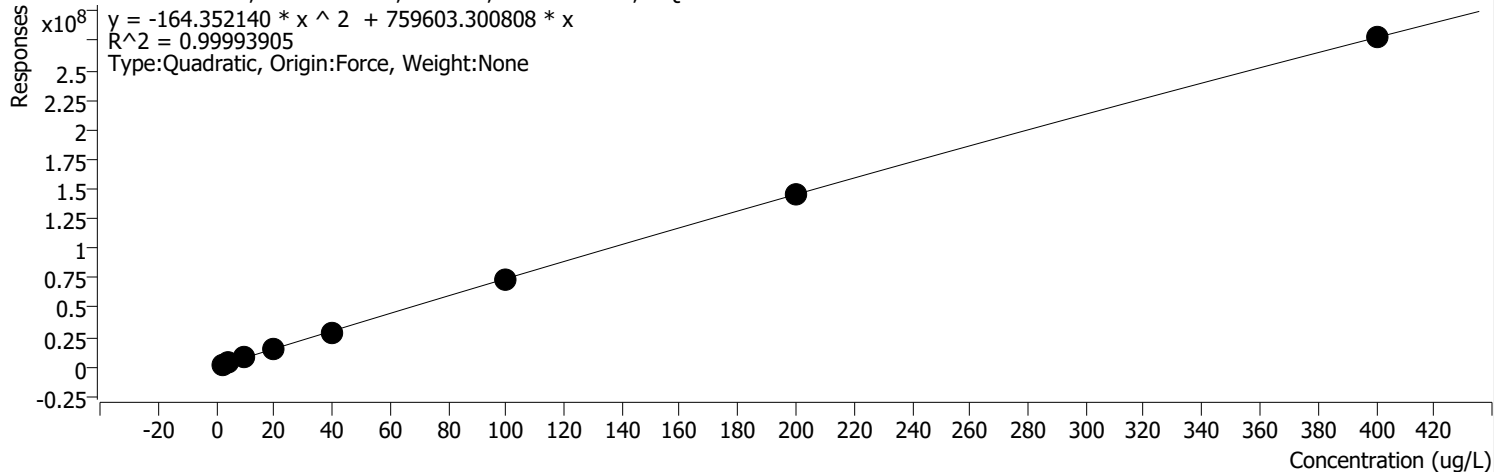
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	3112606	2.0000	1556303.2353	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	5987105	4.0000	1496776.2325	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	14133613	10.0000	1413361.2648	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	28037354	20.0000	1401867.7024	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	50268557	40.0000	1256713.9292	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	129331209	100.0000	1293312.0925	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	253231815	200.0000	1266159.0745	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	467991390	400.0000	1169978.4744	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE =

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

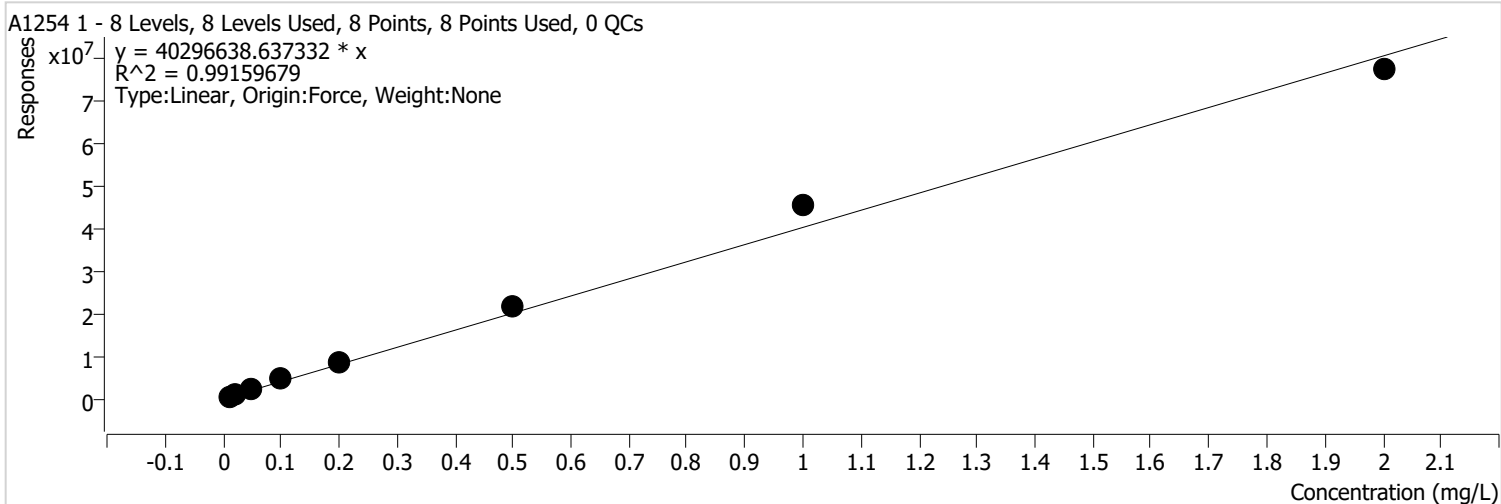


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1747536	2.0000	873767.8020	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3355011	4.0000	838752.6380	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	7906471	10.0000	790647.0906	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	15333111	20.0000	766655.5528	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	28540689	40.0000	713517.2319	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	73719827	100.0000	737198.2735	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	146274925	200.0000	731374.6273	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	277365247	400.0000	693413.1187	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE = 27.7

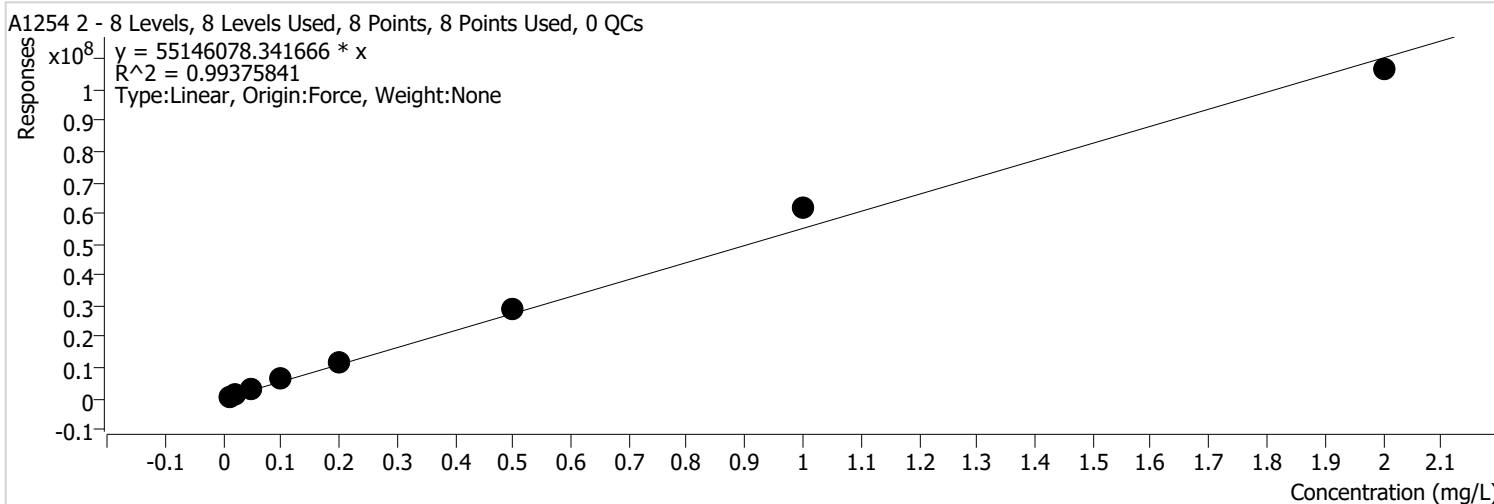


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	573523	0.0100	57352267 .4014	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1097096	0.0200	54854822 .0462	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2571334	0.0500	51426677 .3242	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4850080	0.1000	48500798 .7335	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8688904	0.2000	43444520 .7125	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	21613150	0.5000	43226300 .7013	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	45839065	1.0000	45839065 .3357	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	77334201	2.0000	38667100 .3795	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 %RSE = 25.1



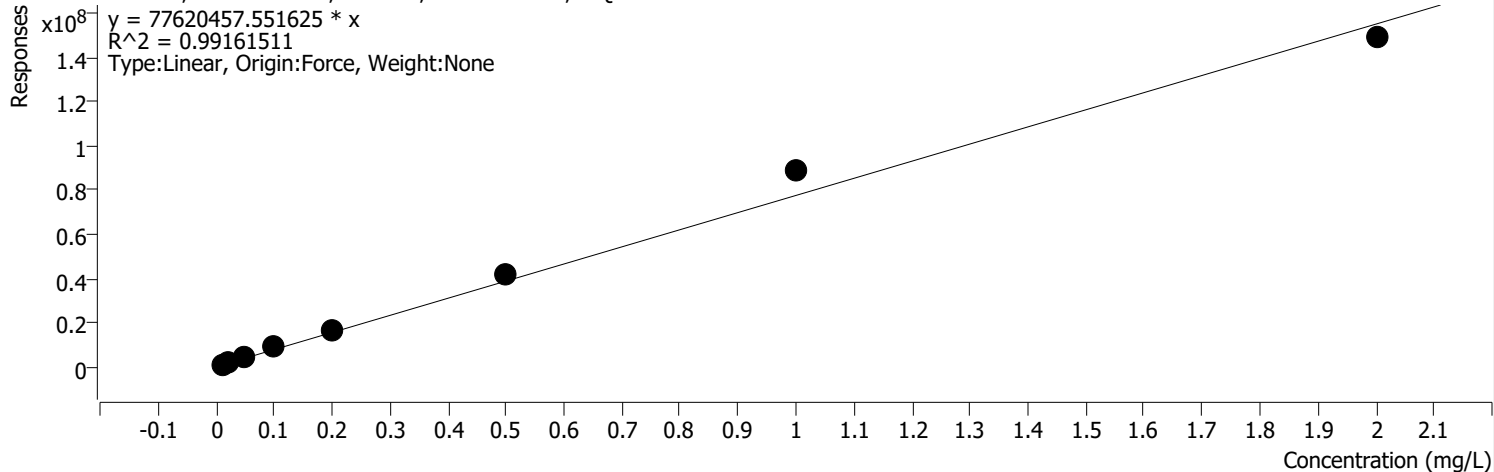
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	744054	0.0100	74405372 .2567	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1490100	0.0200	74504983 .0310	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3523234	0.0500	70464671 .0095	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6497170	0.1000	64971695 .9121	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11711269	0.2000	58556347 .3659	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29266351	0.5000	58532701 .2157	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	61701655	1.0000	61701654 .5006	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	106449724	2.0000	53224862 .1449	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE = 30.4

A1254 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

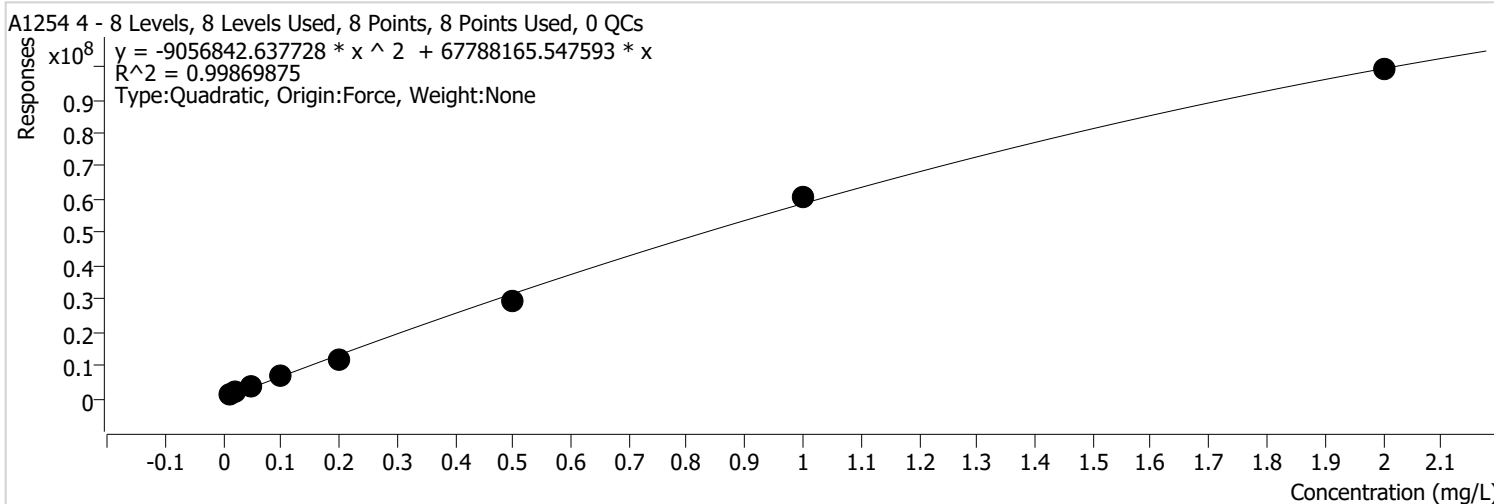


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1157188	0.0100	11571877 1.6595	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2204641	0.0200	11023205 9.7779	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4963794	0.0500	99275879 .1927	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9090132	0.1000	90901319 .8798	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	16261865	0.2000	81309326 .1013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	41588015	0.5000	83176030 .1804	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	88389174	1.0000	88389173 .9690	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	148986432	2.0000	74493216 .0601	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 %RSE = 33.7

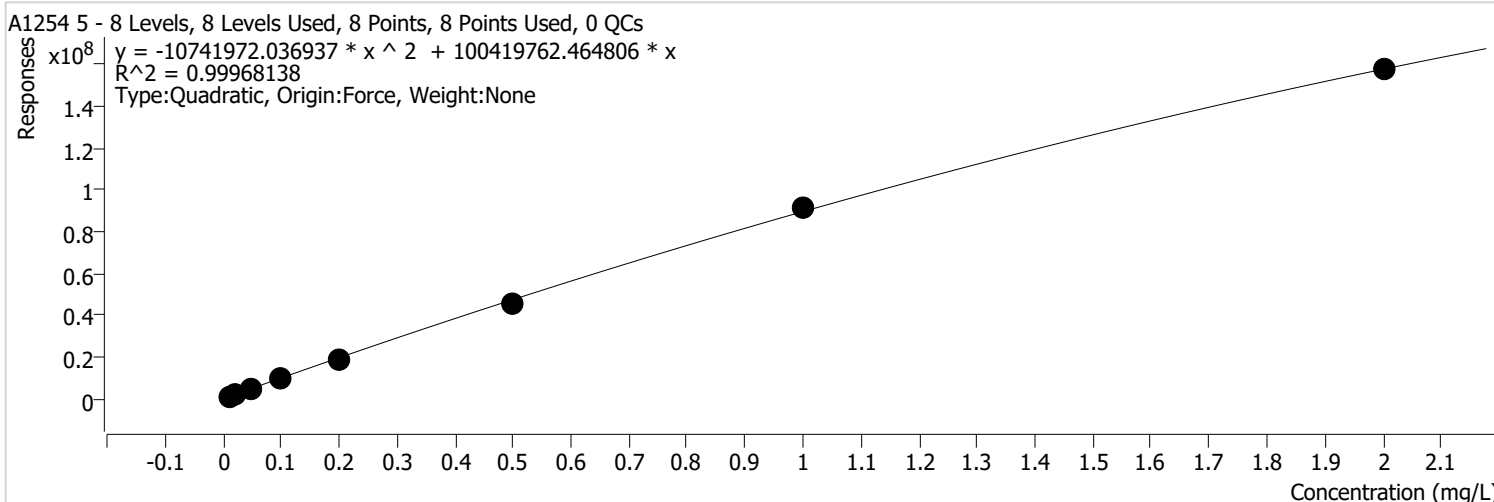


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1034675	0.0100	10346747 0.3164	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2019129	0.0200	10095645 5.4799	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3887202	0.0500	77744031 .4539	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6688577	0.1000	66885769 .2913	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11730547	0.2000	58652733 .3282	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29549445	0.5000	59098890 .3992	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	60734640	1.0000	60734639 .8071	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	98992404	2.0000	49496202 .1970	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE = 3.8

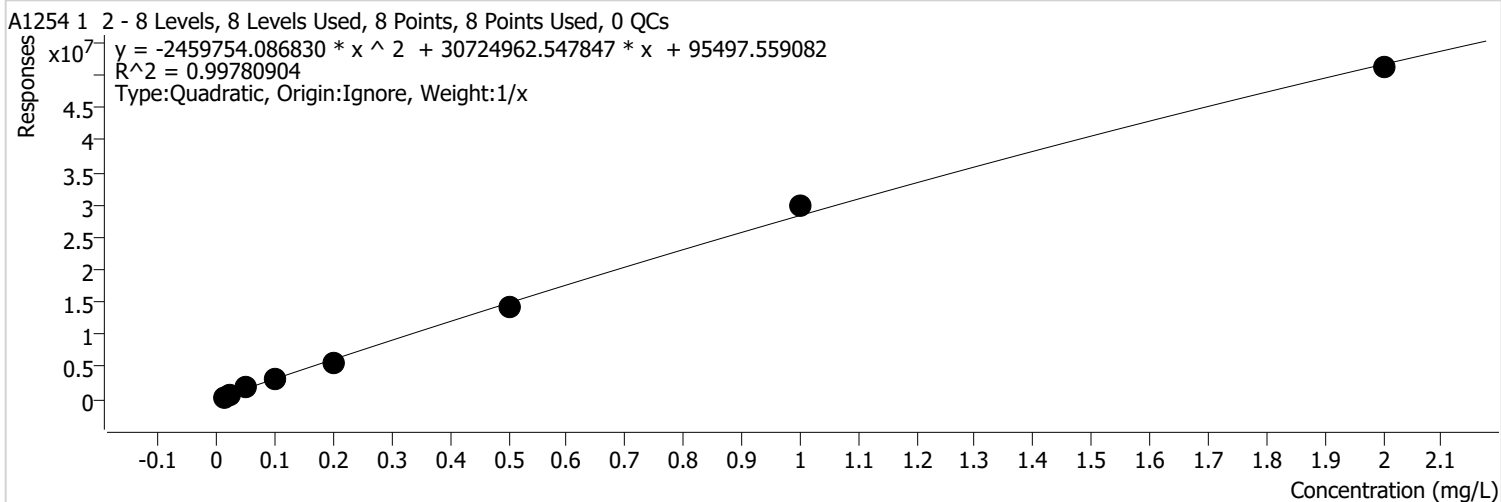


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1012163	0.0100	10121631 0.0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	2031310	0.0200	10156552 4.7143	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	4906928	0.0500	98138565 .5000	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	9392843	0.1000	93928430 .8547	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	18912153	0.2000	94560767 .1996	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	45747749	0.5000	91495497 .2404	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	91387604	1.0000	91387603 .9391	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	157564050	2.0000	78782025 .2102	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 2 %RSE = 11.9

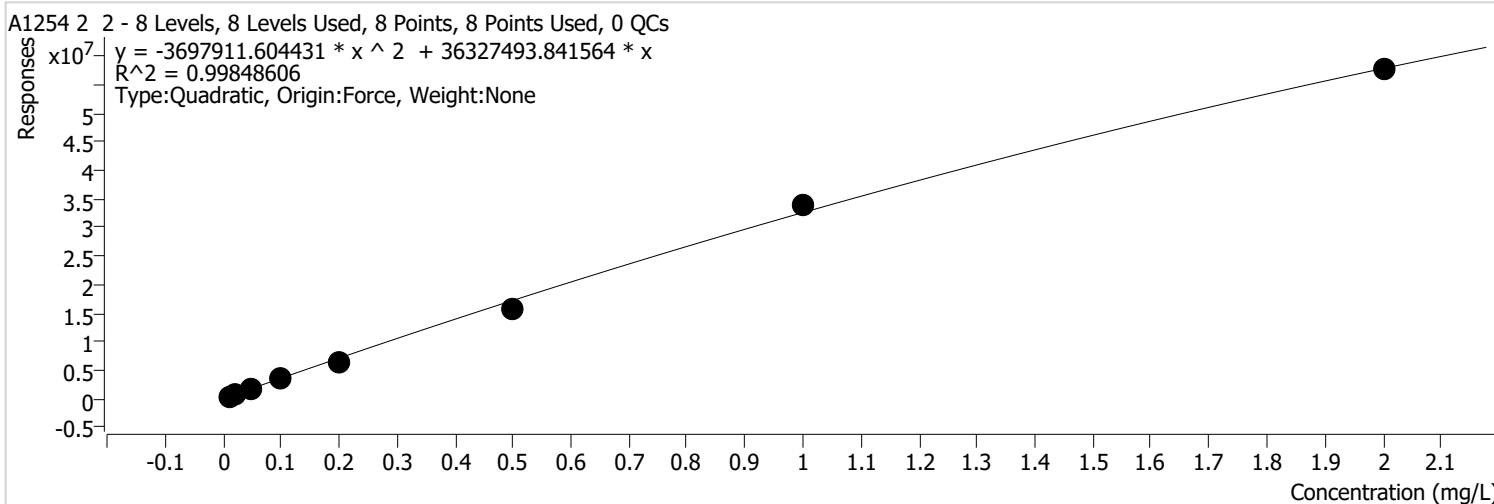


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	350412	0.0100	35041220 .0000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	796688	0.0200	39834388 .4825	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1764954	0.0500	35299074 .8457	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3201582	0.1000	32015815 .2427	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	5692544	0.2000	28462717 .9013	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	14066030	0.5000	28132060 .8995	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	29883184	1.0000	29883184 .1128	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	51177366	2.0000	25588682 .9284	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 2 %RSE = 16.2

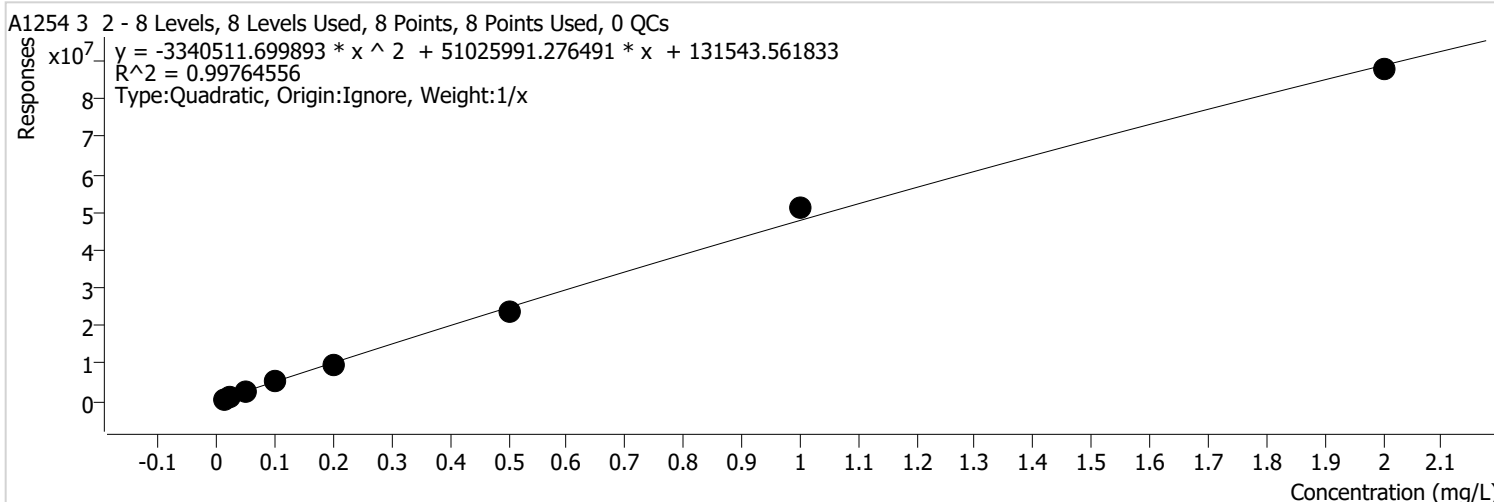


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	461435	0.0100	46143484 .7645	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	850241	0.0200	42512054 .6772	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	1937642	0.0500	38752837 .2010	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3562499	0.1000	35624993 .2739	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6350412	0.2000	31752060 .0757	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	15814825	0.5000	31629649 .1212	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	33960776	1.0000	33960775 .9612	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	57627229	2.0000	28813614 .4715	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 2 %RSE = 6.6

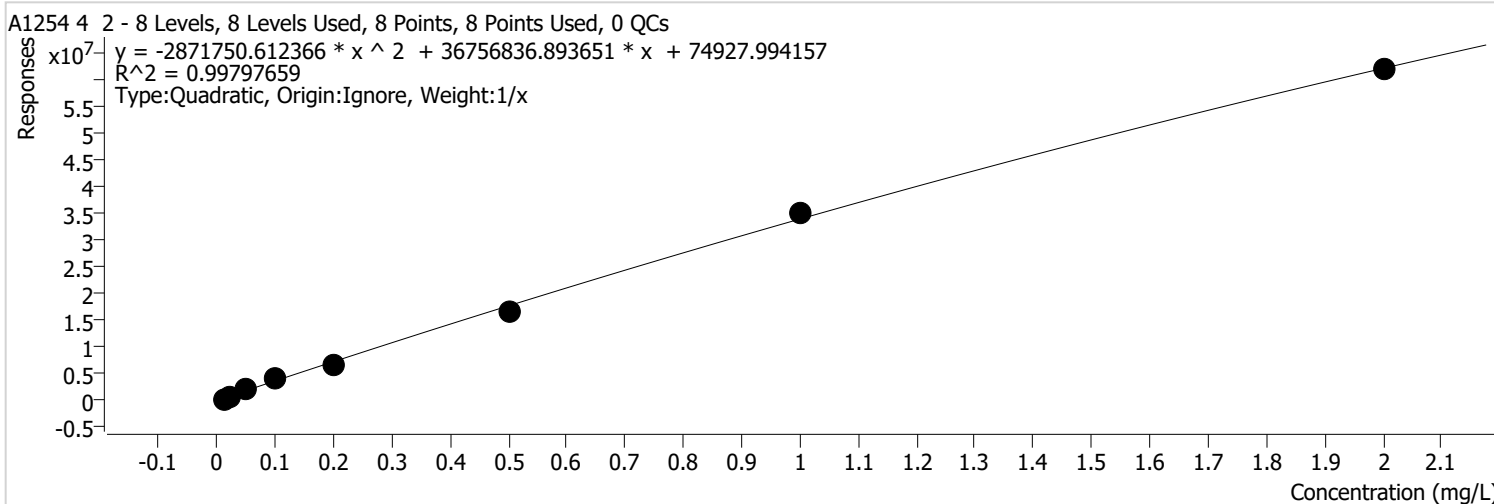


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	633860	0.0100	63386044 .1039	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1210006	0.0200	60500280 .4478	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2785795	0.0500	55715899 .9627	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	5196055	0.1000	51960547 .7509	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	9302962	0.2000	46514810 .0909	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	23599607	0.5000	47199214 .4840	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	50941643	1.0000	50941642 .7440	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	87648533	2.0000	43824266 .6378	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 2 %RSE = 13.4

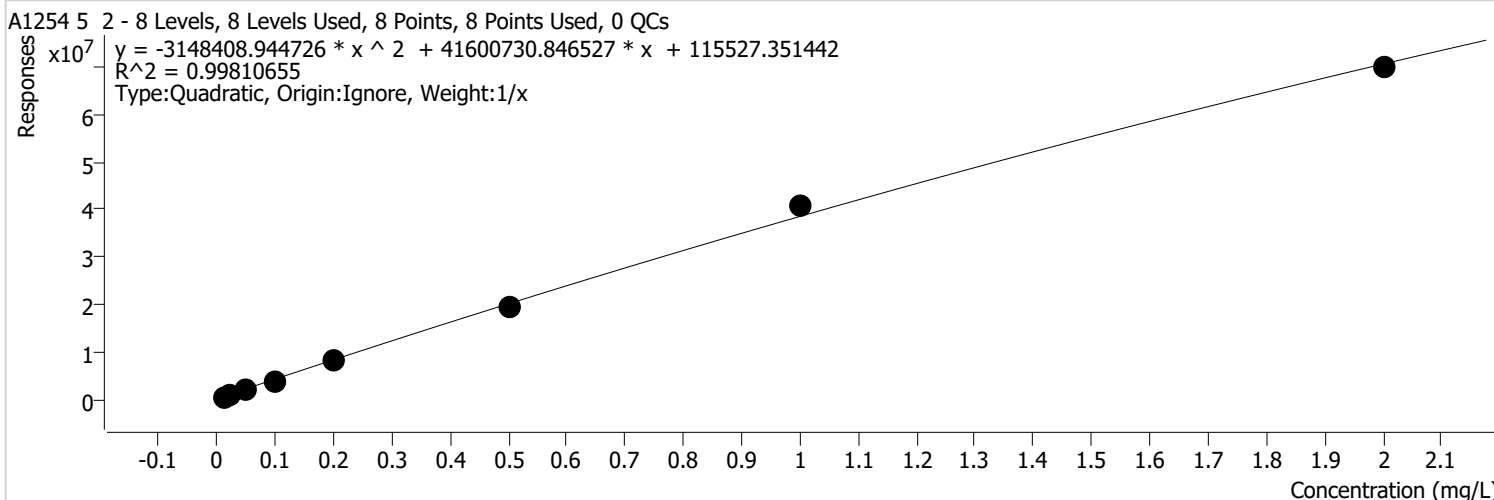


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	361993	0.0100	36199272 .8077	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	859897	0.0200	42994858 .0057	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2130173	0.0500	42603465 .9972	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	4146889	0.1000	41468894 .7934	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	6853477	0.2000	34267386 .0557	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	16779588	0.5000	33559175 .5747	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	35031313	1.0000	35031312 .9376	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	61823727	2.0000	30911863 .4999	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 2 %RSE = 11.4



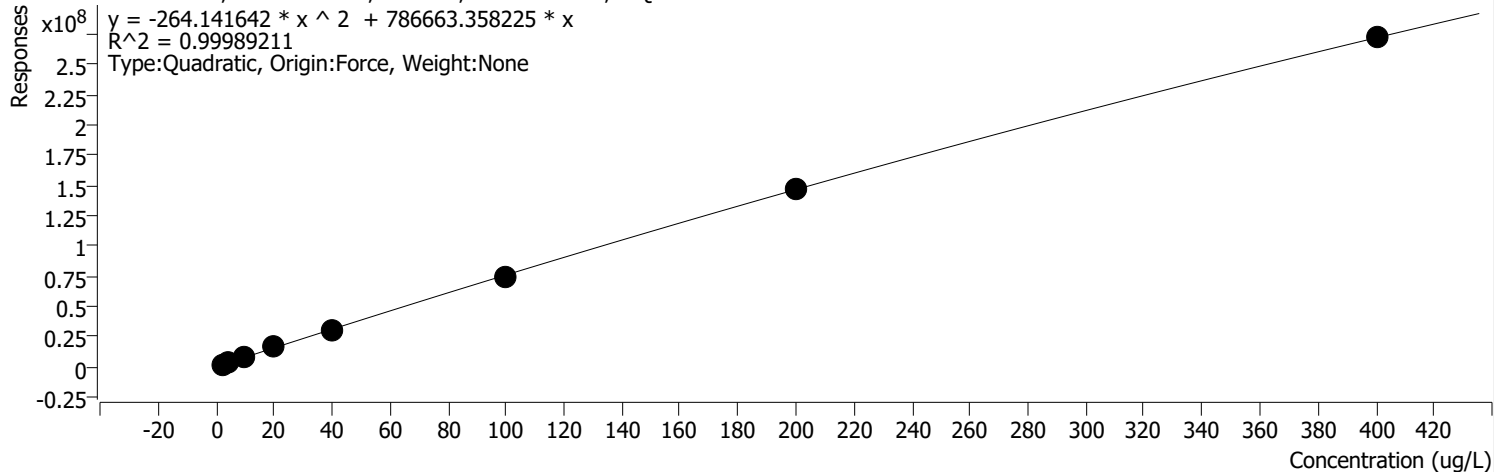
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	496146	0.0100	49614596 .3803	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1116535	0.0200	55826774 .5691	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	2201385	0.0500	44027706 .0840	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	3840360	0.1000	38403604 .2790	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	8010151	0.2000	40050753 .2688	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	19426064	0.5000	38852127 .2101	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	40634328	1.0000	40634327 .6281	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	69914073	2.0000	34957036 .3940	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

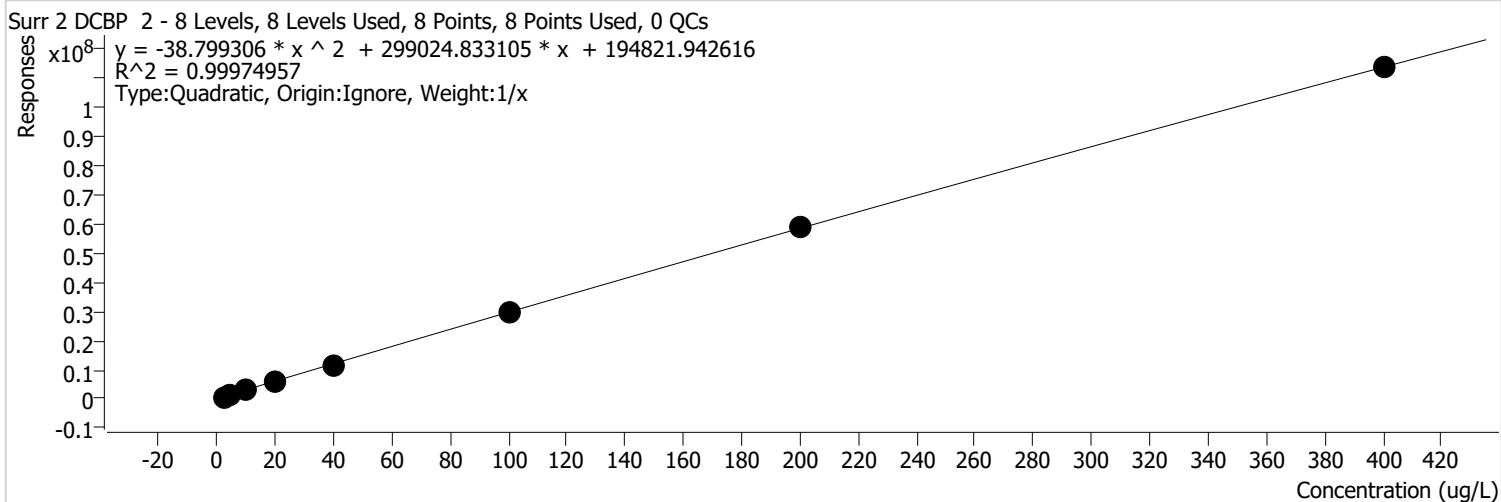


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	1999822	2.0000	999910.8000	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	3976085	4.0000	994021.2125	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	9141741	10.0000	914174.0999	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	17384365	20.0000	869218.2664	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	30399135	40.0000	759978.3648	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	75189580	100.0000	751895.7972	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	147123426	200.0000	735617.1307	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	272366933	400.0000	680917.3313	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:26 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:28:04 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:26 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE =



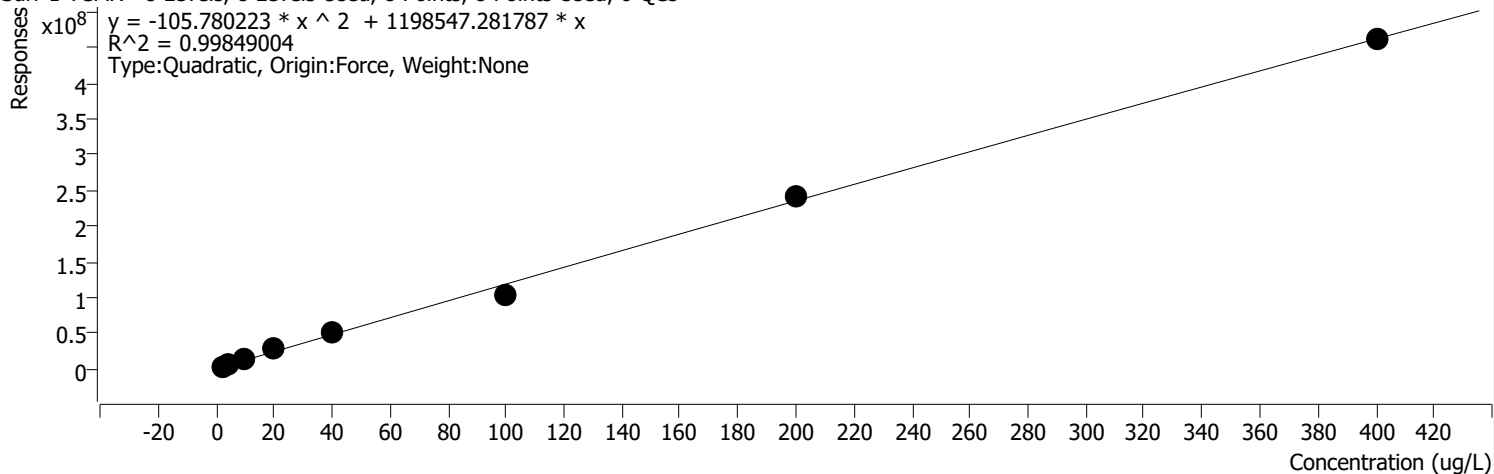
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111712.D	Calibration	1	x	754197	2.0000	377098.3 123	
D:\GC-16\Data\2021\111721\111713.D	Calibration	2	x	1426478	4.0000	356619.5 872	
D:\GC-16\Data\2021\111721\111714.D	Calibration	3	x	3335767	10.0000	333576.6 500	
D:\GC-16\Data\2021\111721\111715.D	Calibration	4	x	6312805	20.0000	315640.2 460	
D:\GC-16\Data\2021\111721\111716.D	Calibration	5	x	11515852	40.0000	287896.2 957	
D:\GC-16\Data\2021\111721\111717.D	Calibration	6	x	29640063	100.0000	296400.6 277	
D:\GC-16\Data\2021\111721\111718.D	Calibration	7	x	59004770	200.0000	295023.8 494	
D:\GC-16\Data\2021\111721\111719.D	Calibration	8	x	113381806	400.0000	283454.5 159	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:15 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE = 17.6

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

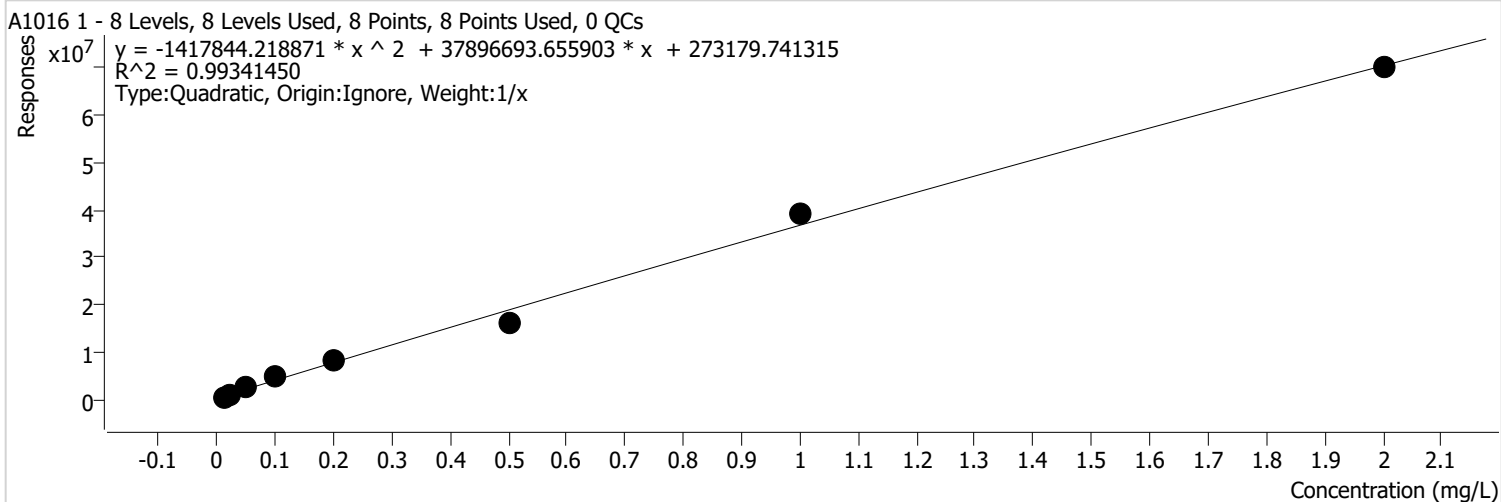


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	2934536	2.0000	1467267.9537	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	5764984	4.0000	1441245.9265	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	13779442	10.0000	1377944.1841	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	27573950	20.0000	1378697.5191	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	50569974	40.0000	1264249.3507	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	105302817	100.0000	1053028.1711	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	243674022	200.0000	1218370.1118	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	461250190	400.0000	1153125.4750	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 %RSE = 17.5

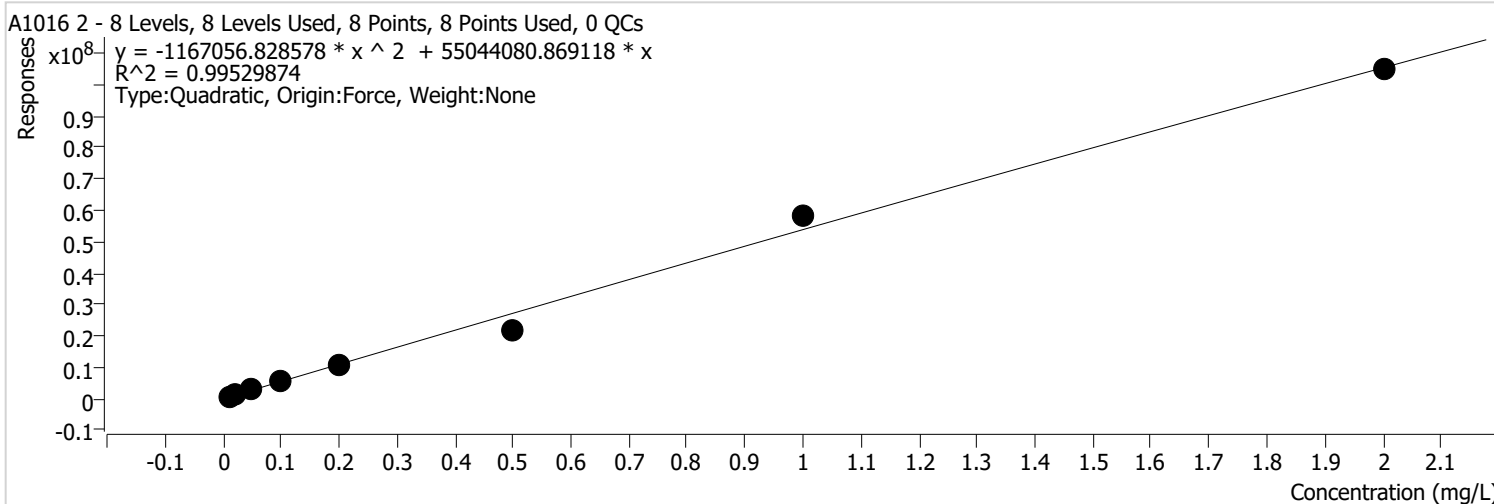


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	558685	0.0100	55868473 .3413	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1003803	0.0200	50190161 .2263	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2480232	0.0500	49604637 .6594	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	4720689	0.1000	47206890 .0322	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	8101627	0.2000	40508136 .7500	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	15925208	0.5000	31850416 .0243	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	38960423	1.0000	38960422 .5481	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	69955115	2.0000	34977557 .3342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 %RSE = 15.4



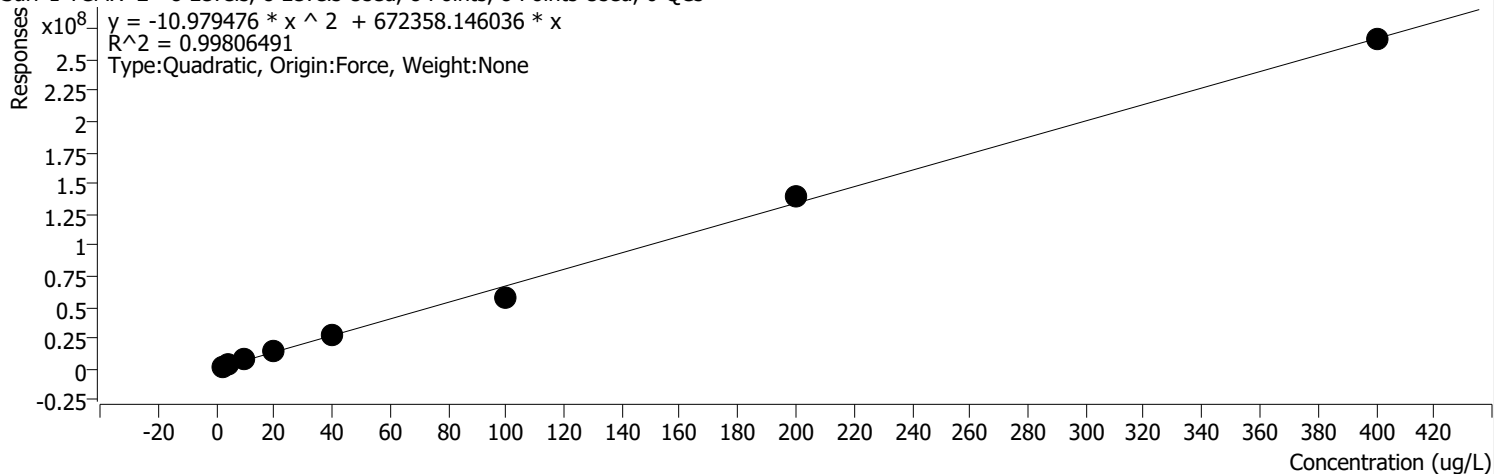
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	682922	0.0100	68292227.5427	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1196019	0.0200	59800948.1390	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2936183	0.0500	58723652.8497	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5786440	0.1000	57864400.5083	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10635390	0.2000	53176951.8044	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21896785	0.5000	43793570.7927	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57914319	1.0000	57914319.3448	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104746357	2.0000	52373178.6342	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE = 16.8

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

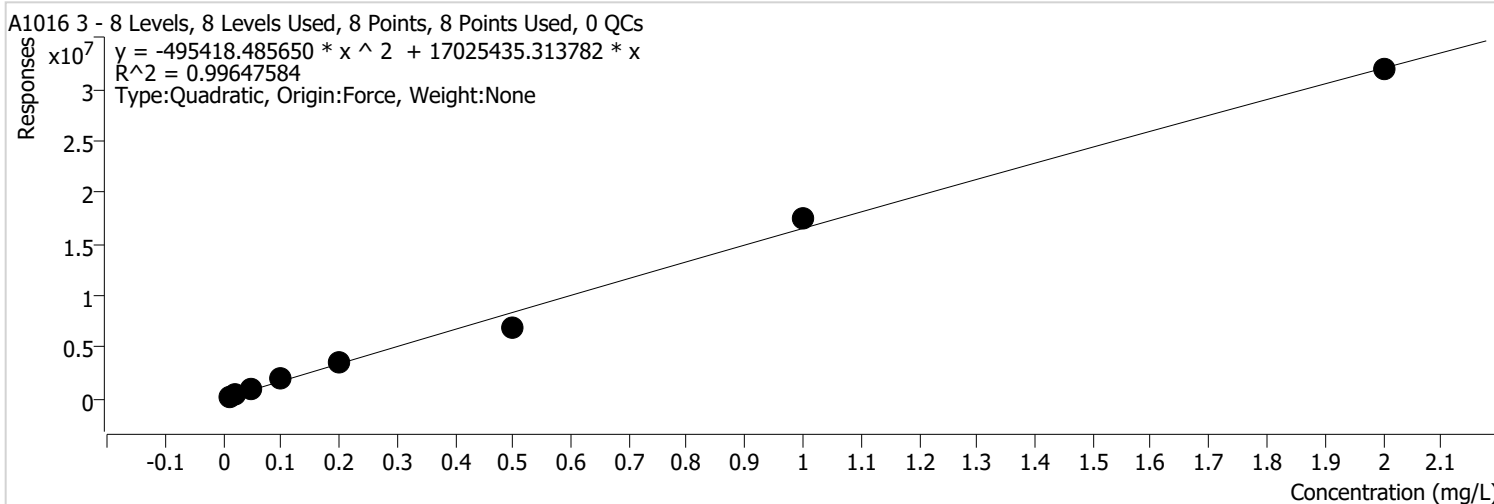


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	3190258	4.0000	797564.6 113	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	7598580	10.0000	759857.9 508	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15089134	20.0000	754456.7 026	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	28036116	40.0000	700902.8 912	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	58260955	100.0000	582609.5 468	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	139839684	200.0000	699198.4 179	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	266272486	400.0000	665681.2 142	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 %RSE = 19.6

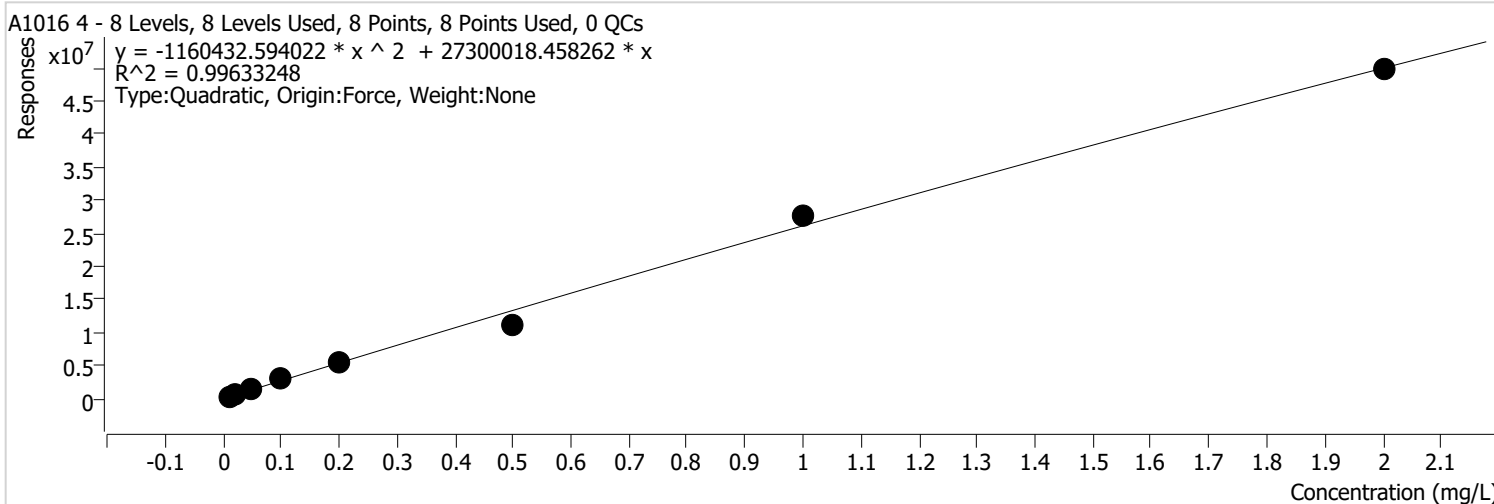


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	210732	0.0100	21073192 .4330	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	422272	0.0200	21113585 .1916	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	994908	0.0500	19898155 .8441	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1884570	0.1000	18845697 .4311	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3547755	0.2000	17738773 .1109	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6948104	0.5000	13896208 .1278	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17498388	1.0000	17498388 .0114	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	31914959	2.0000	15957479 .6375	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 %RSE = 15.9

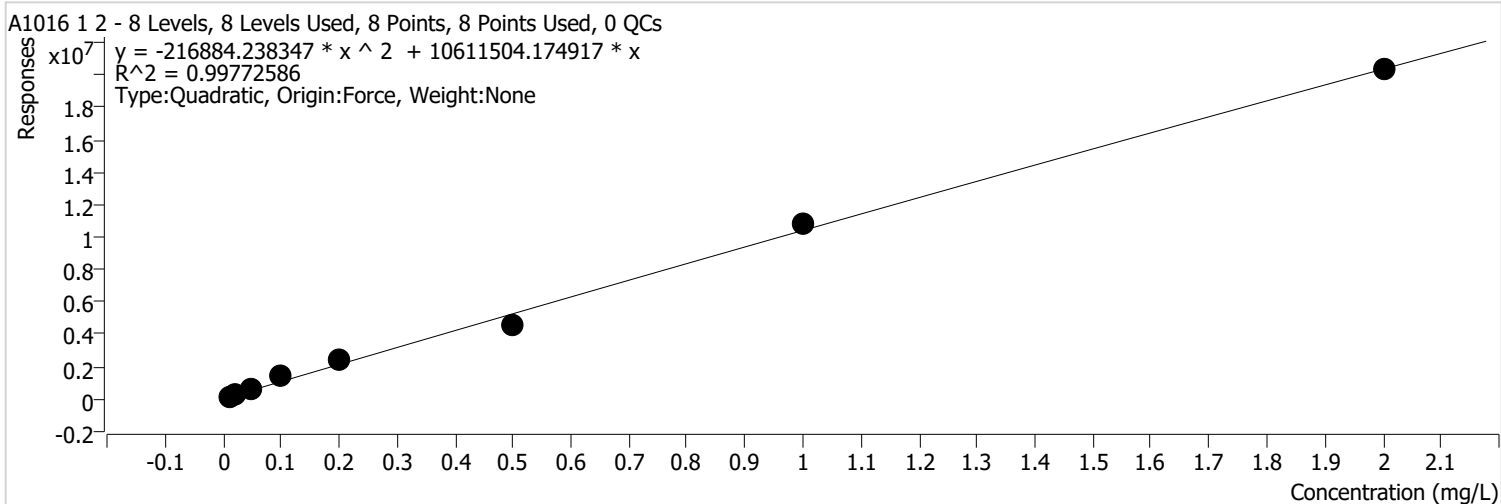


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	644811	0.0200	32240571 .2785	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1549198	0.0500	30983950 .7000	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2990136	0.1000	29901362 .4843	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5567504	0.2000	27837521 .2423	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11074643	0.5000	22149286 .8012	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27723383	1.0000	27723382 .7603	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49702839	2.0000	24851419 .6806	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 2 %RSE = 36.9

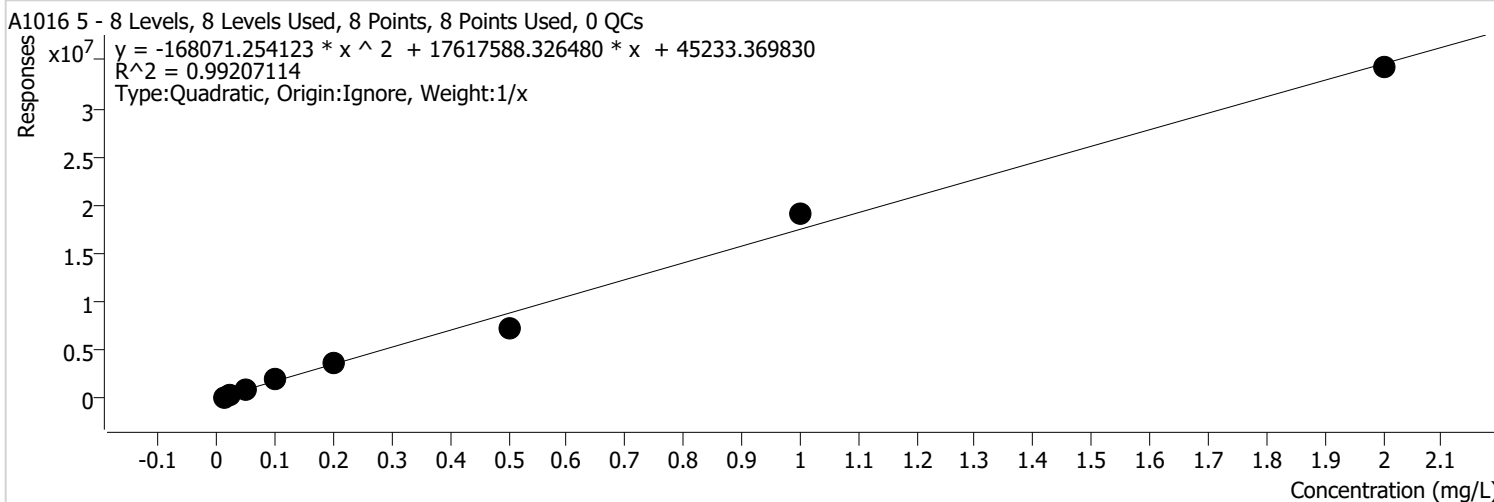


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	162196	0.0100	16219643 .7222	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	304001	0.0200	15200055 .7967	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	679286	0.0500	13585712 .4859	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1393721	0.1000	13937209 .0817	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	2360368	0.2000	11801842 .3994	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	4564234	0.5000	9128468. 2637	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	10738358	1.0000	10738358 .4993	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	20309085	2.0000	10154542 .3310	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 %RSE = 16.3

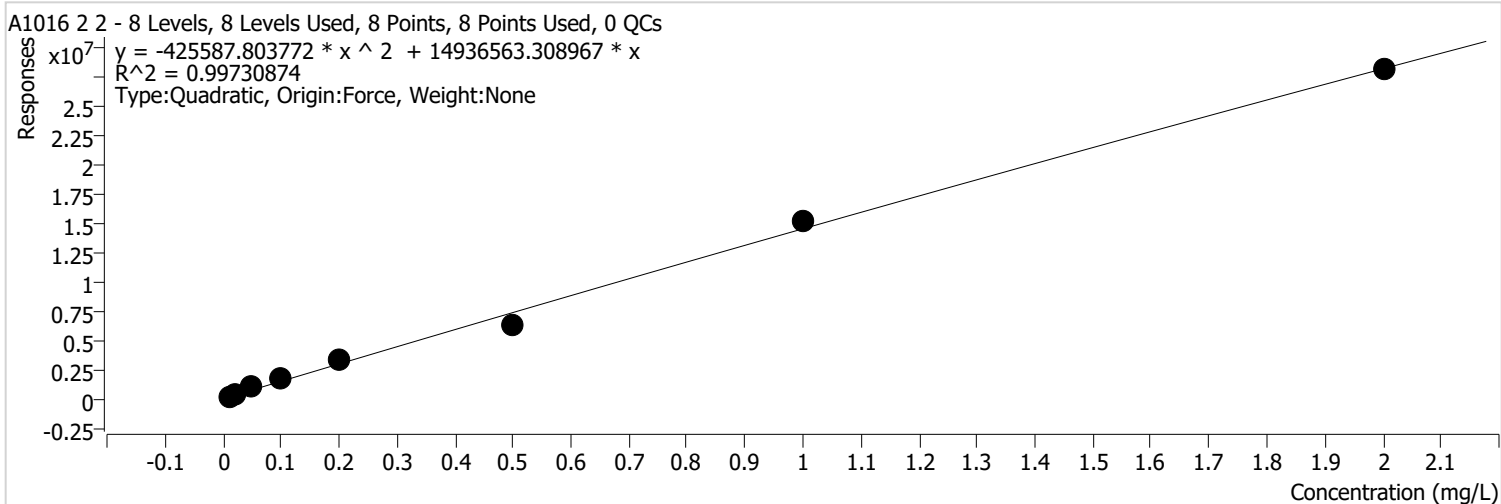


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	180270	0.0100	18026977 .2852	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	414516	0.0200	20725823 .0790	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1035989	0.0500	20719782 .8600	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2039362	0.1000	20393624 .8763	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3662990	0.2000	18314948 .2969	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7236474	0.5000	14472948 .5739	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	19064725	1.0000	19064724 .7814	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	34192501	2.0000	17096250 .6060	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 2 %RSE = 31.5

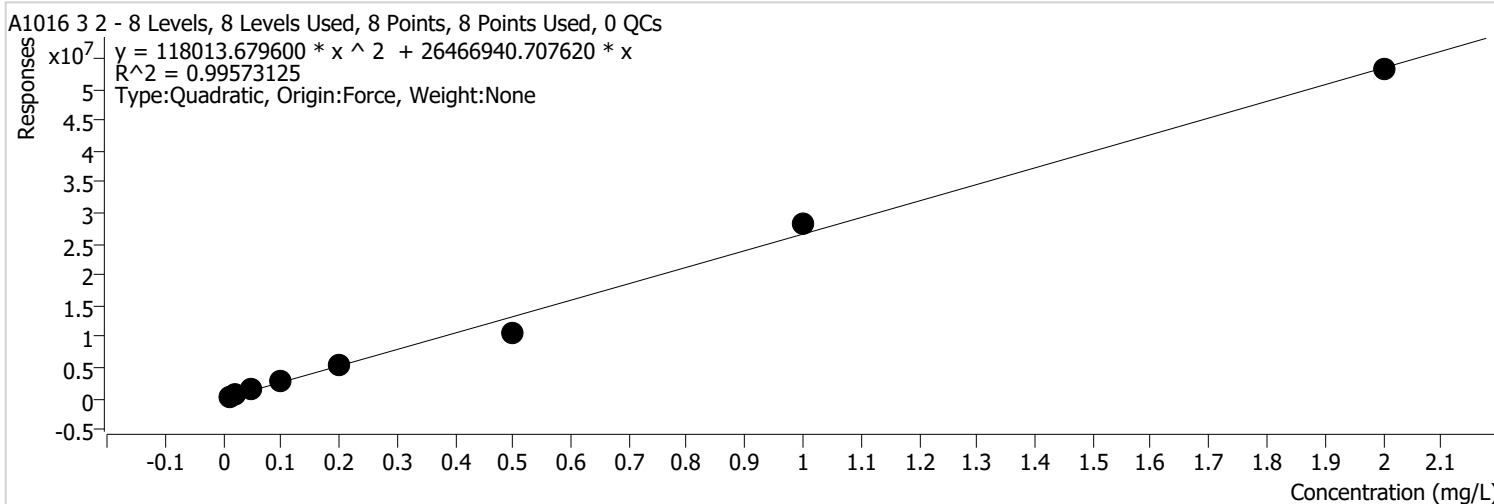


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	214219	0.0100	21421890 .2015	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	418252	0.0200	20912585 .1103	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	949932	0.0500	18998635 .4300	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1786478	0.1000	17864779 .8493	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3229064	0.2000	16145320 .8774	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6271490	0.5000	12542979 .3358	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15153231	1.0000	15153230 .5254	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28074890	2.0000	14037444 .8486	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 2 %RSE = 21.5

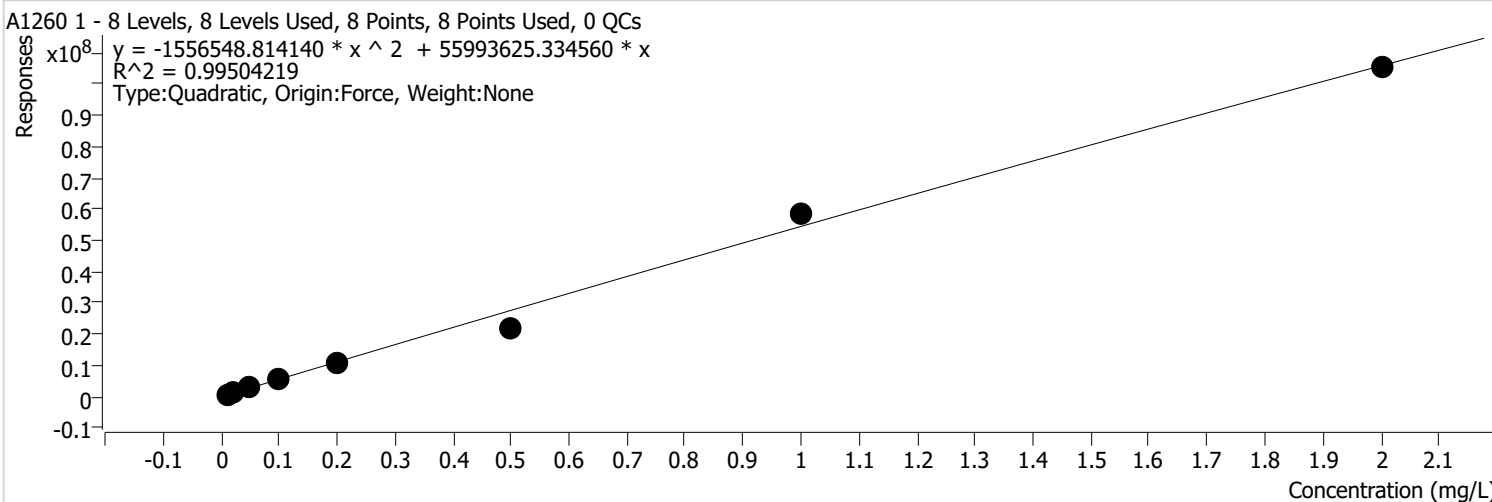


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	347226	0.0100	34722593 .4911	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	653143	0.0200	32657143 .5971	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1516050	0.0500	30321003 .8760	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2962224	0.1000	29622239 .9393	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5319469	0.2000	26597344 .2684	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10659811	0.5000	21319621 .4292	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	28444607	1.0000	28444607 .3592	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	53102586	2.0000	26551293 .2057	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 %RSE = 18.0

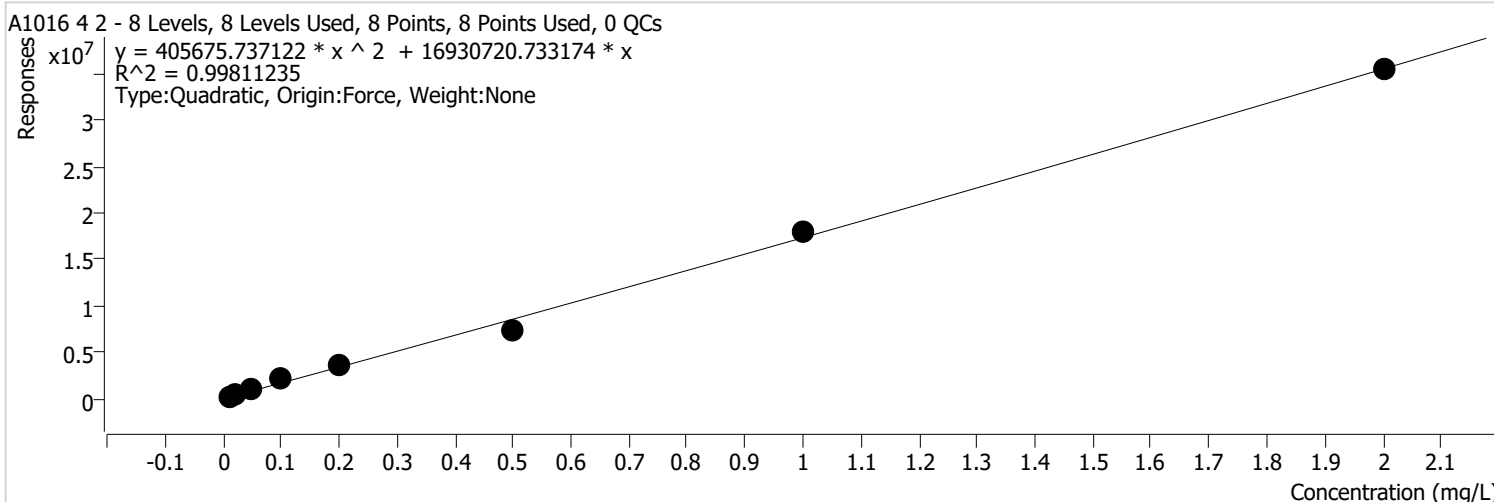


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1319661	0.0200	65983040 .6672	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3170575	0.0500	63411497 .3457	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6062315	0.1000	60623150 .1718	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	11096841	0.2000	55484202 .9755	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	22046529	0.5000	44093058 .0075	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	58484147	1.0000	58484146 .8930	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105095802	2.0000	52547900 .8917	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 2 %RSE = 26.1



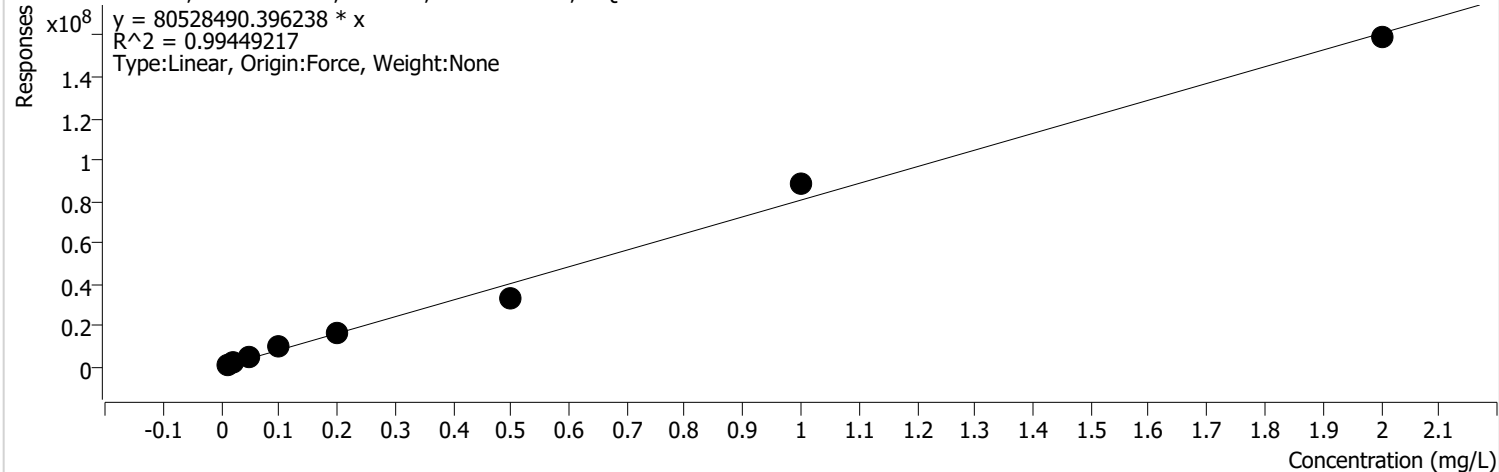
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	440280	0.0200	22013999 .9700	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1066664	0.0500	21333280 .1504	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2077680	0.1000	20776801 .7758	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3744000	0.2000	18719998 .8121	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	7432530	0.5000	14865059 .5050	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	17965306	1.0000	17965305 .8415	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	35393292	2.0000	17696645 .7608	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 %RSE = 19.9

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



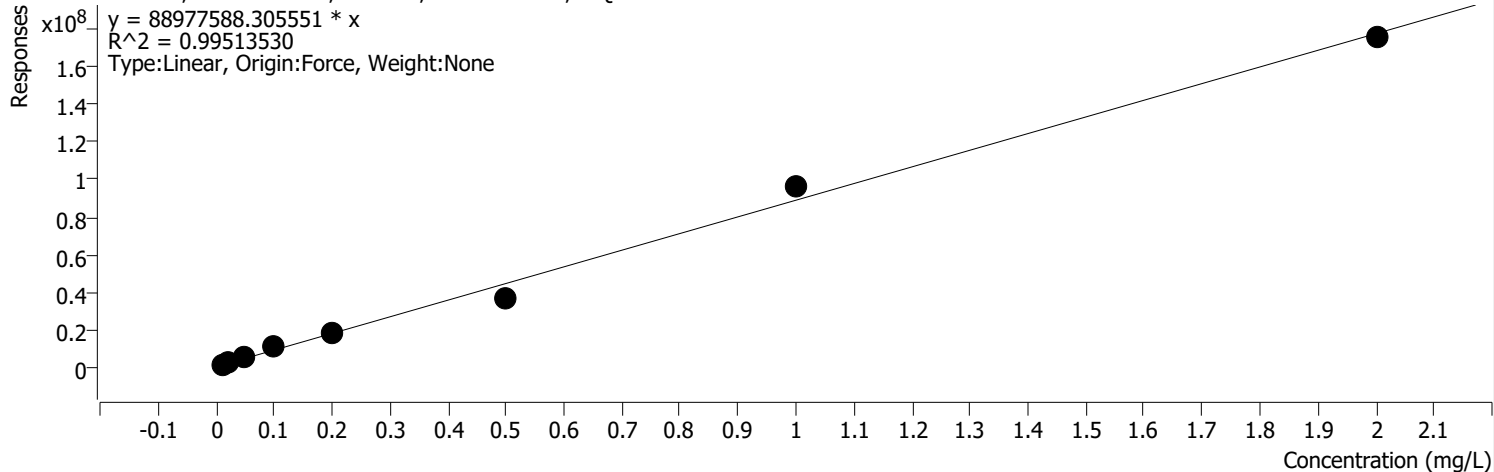
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1983363	0.0200	99168147 .0755	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	4904582	0.0500	98091636 .1280	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	9246193	0.1000	92461928 .1525	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	16515515	0.2000	82577576 .6223	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	32893263	0.5000	65786525 .0817	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	88318086	1.0000	88318086 .2015	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	158877532	2.0000	79438766 .1175	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 %RSE = 19.0

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

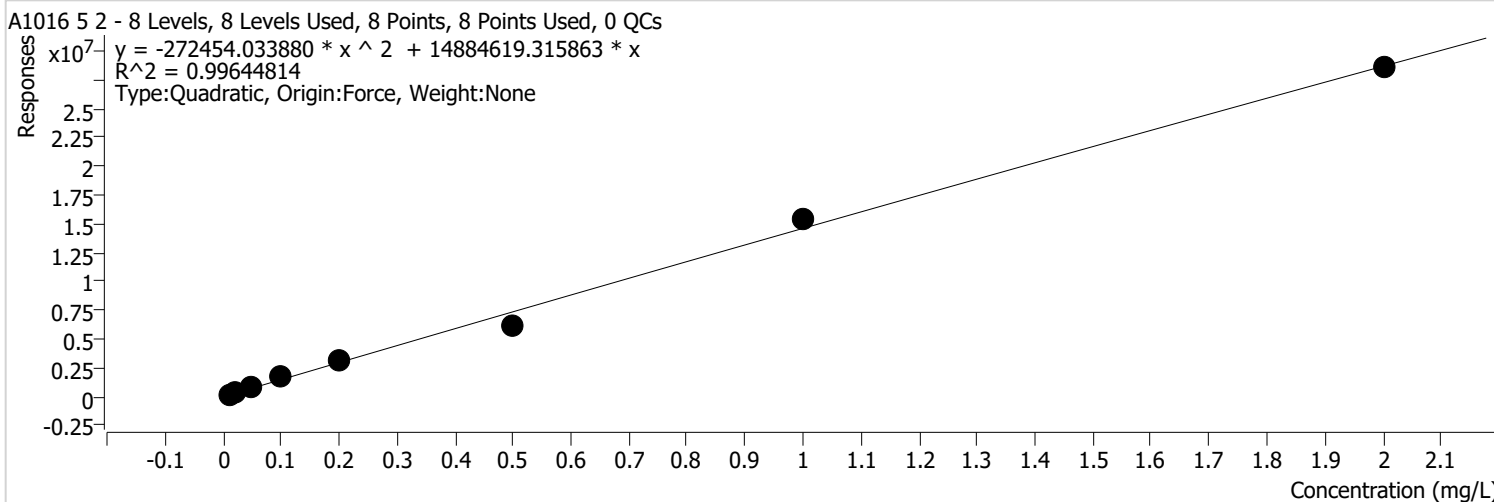


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1063326	0.0100	10633262 4.8270	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2266076	0.0200	11330379 4.8708	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	5339762	0.0500	10679524 0.0005	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	10233940	0.1000	10233939 7.3536	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	18655435	0.2000	93277174 .1700	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	36843220	0.5000	73686440 .8858	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	97001486	1.0000	97001485 .9821	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	175673815	2.0000	87836907 .6900	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 2 %RSE = 15.6



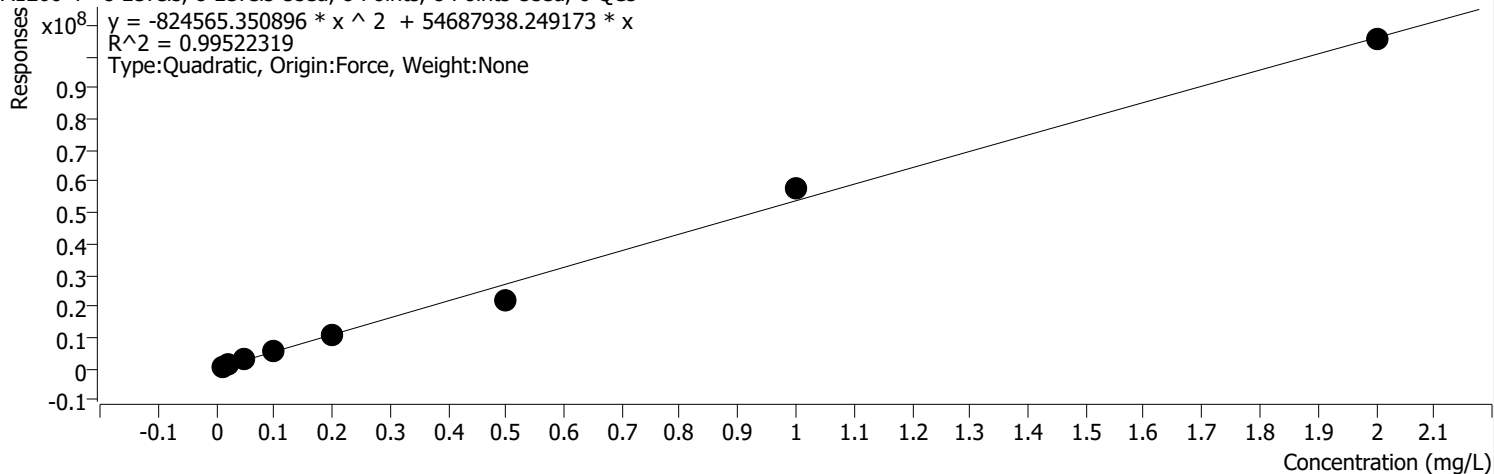
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	167242	0.0100	16724249 .4775	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	339072	0.0200	16953617 .7172	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	874896	0.0500	17497923 .2254	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	1692048	0.1000	16920475 .0877	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	3079390	0.2000	15396950 .2499	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	6084661	0.5000	12169321 .9336	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	15484491	1.0000	15484490 .7231	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	28540201	2.0000	14270100 .4826	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 %RSE = 26.4

A1260 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs
 $y = -824565.350896 * x^2 + 54687938.249173 * x$
 $R^2 = 0.99522319$
 Type: Quadratic, Origin: Force, Weight: None

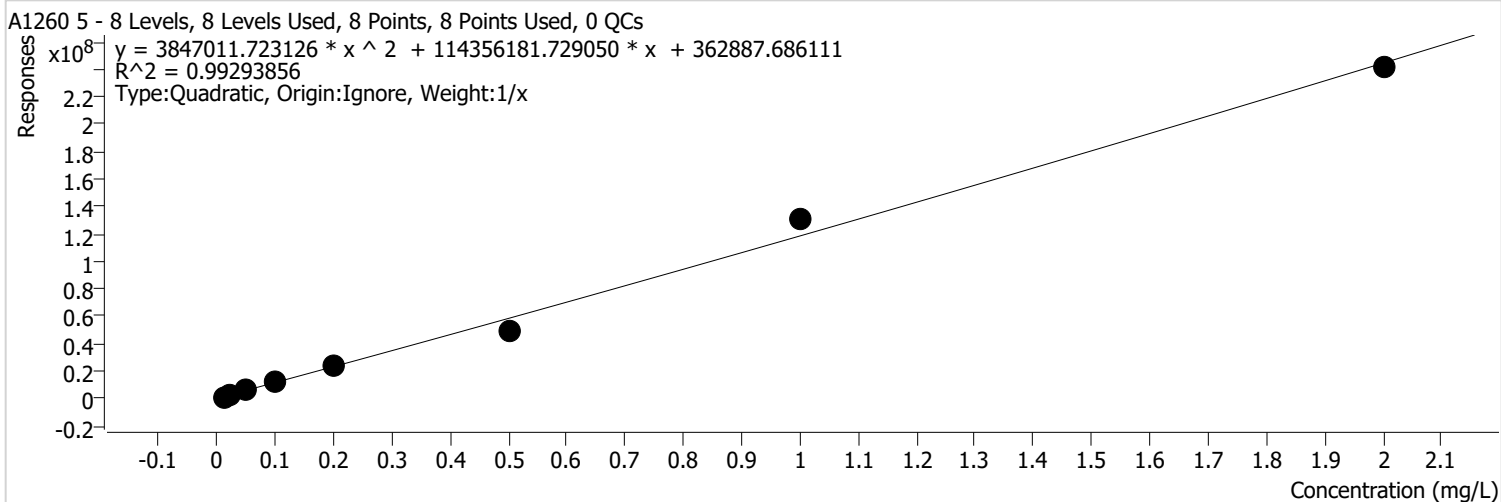


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	802961	0.0100	80296050 .2886	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1336301	0.0200	66815037 .1824	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3127375	0.0500	62547492 .6676	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	6038966	0.1000	60389655 .9714	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10889214	0.2000	54446071 .0101	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21669221	0.5000	43338442 .2614	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	57807238	1.0000	57807237 .5854	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	105431867	2.0000	52715933 .5565	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 %RSE = 11.3

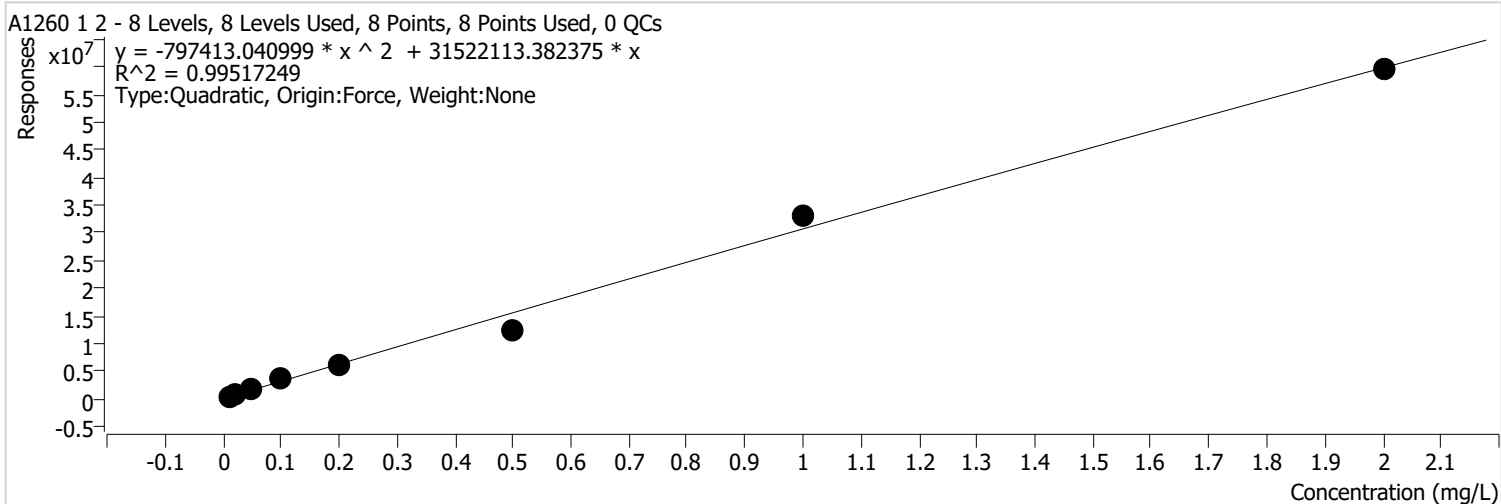


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1383613	0.0100	13836131 7.7950	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	2690941	0.0200	13454706 3.8572	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	6519981	0.0500	13039961 8.6371	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	12793202	0.1000	12793202 2.1217	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	23841366	0.2000	11920683 1.9695	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	48448879	0.5000	96897758 .9707	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	130343343	1.0000	13034334 3.3107	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	240984463	2.0000	12049223 1.4882	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 2 %RSE = 16.1



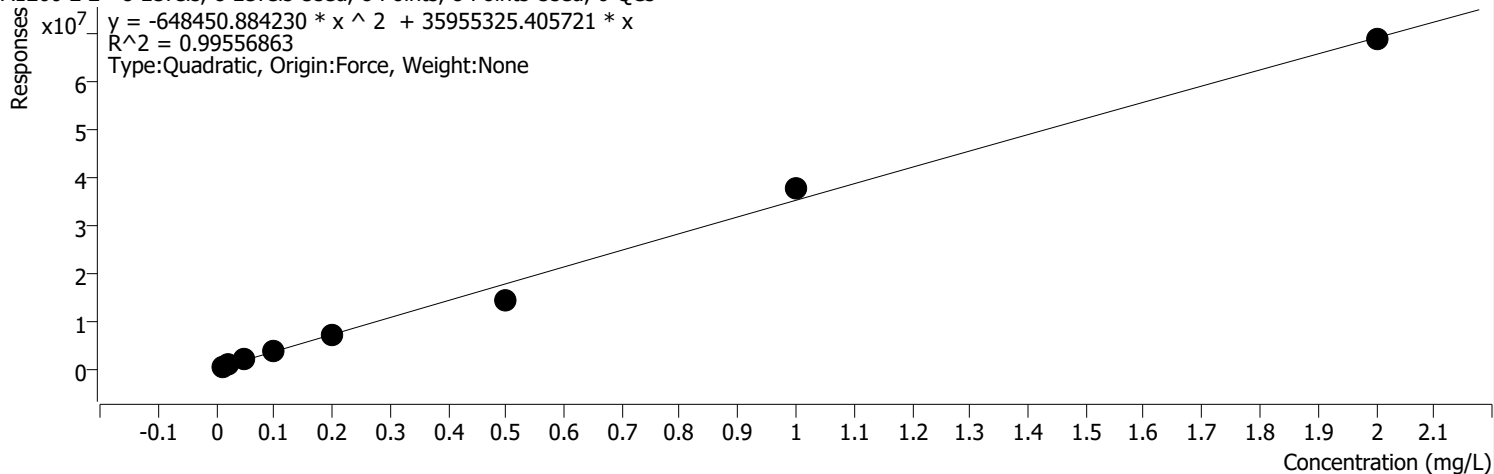
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	370424	0.0100	37042421.8247	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	716618	0.0200	35830891.2300	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1787466	0.0500	35749317.4926	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3520415	0.1000	35204145.0000	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6232292	0.2000	31161462.3284	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	12458130	0.5000	24916260.8090	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32970063	1.0000	32970063.2530	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	59486526	2.0000	29743262.8515	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 2 %RSE = 18.7

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



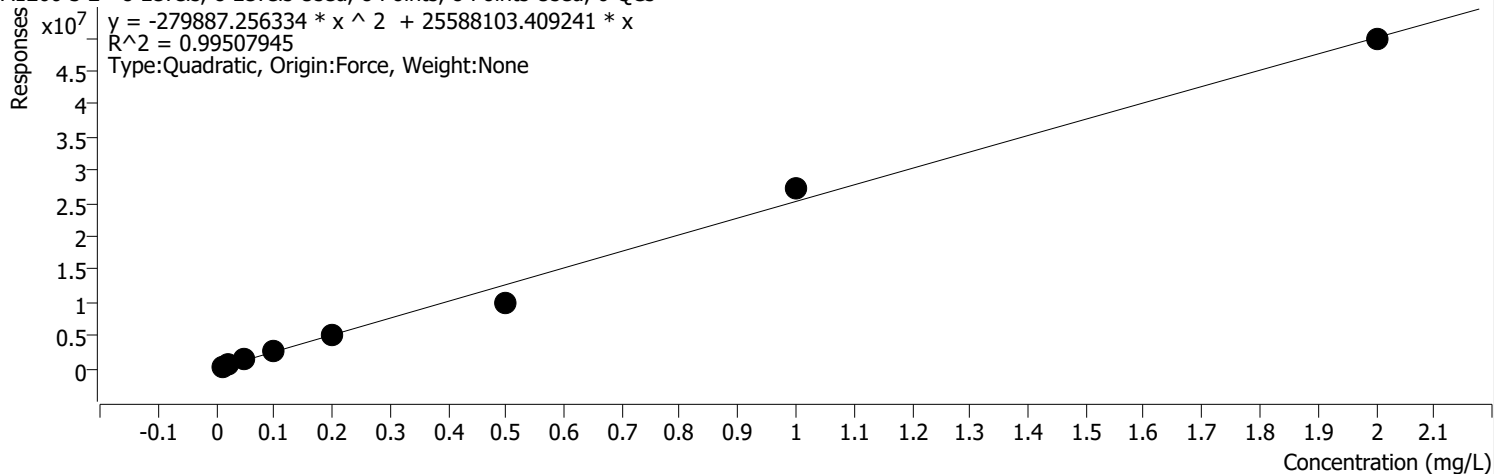
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	443402	0.0100	44340236 .3130	
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	2066107	0.0500	41322135 .1458	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3926987	0.1000	39269873 .5003	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	7205702	0.2000	36028510 .4123	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	14364097	0.5000	28728193 .1205	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	37782579	1.0000	37782579 .0219	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	68912200	2.0000	34456100 .1074	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 2 %RSE = 15.3

A1260 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



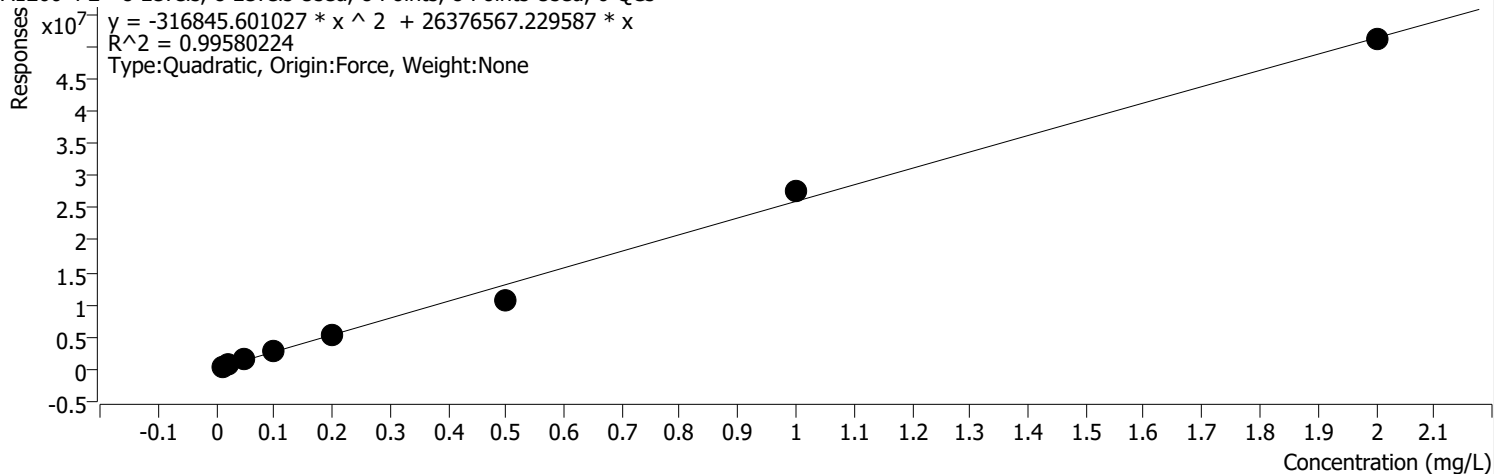
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	218689	0.0100	21868921.5407	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	582796	0.0200	29139800.4167	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1475327	0.0500	29506538.8031	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2733900	0.1000	27339002.8477	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5012189	0.2000	25060943.9085	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	10120336	0.5000	20240672.6800	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27239902	1.0000	27239901.6360	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	49736839	2.0000	24868419.4812	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 2 %RSE = 13.3

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



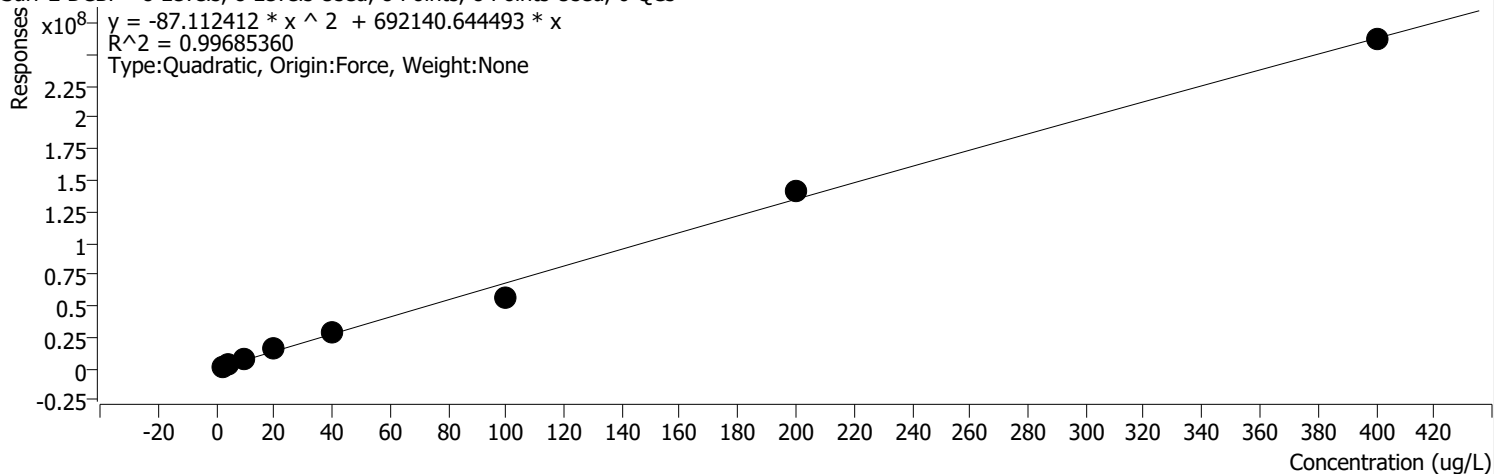
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	290302	0.0100	29030219 .7202	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	594293	0.0200	29714668 .7162	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1479265	0.0500	29585308 .1386	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	2824547	0.1000	28245474 .3750	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	5389772	0.2000	26948857 .6444	
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D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	27839685	1.0000	27839685 .4125	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	51195635	2.0000	25597817 .4212	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE = 23.4

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



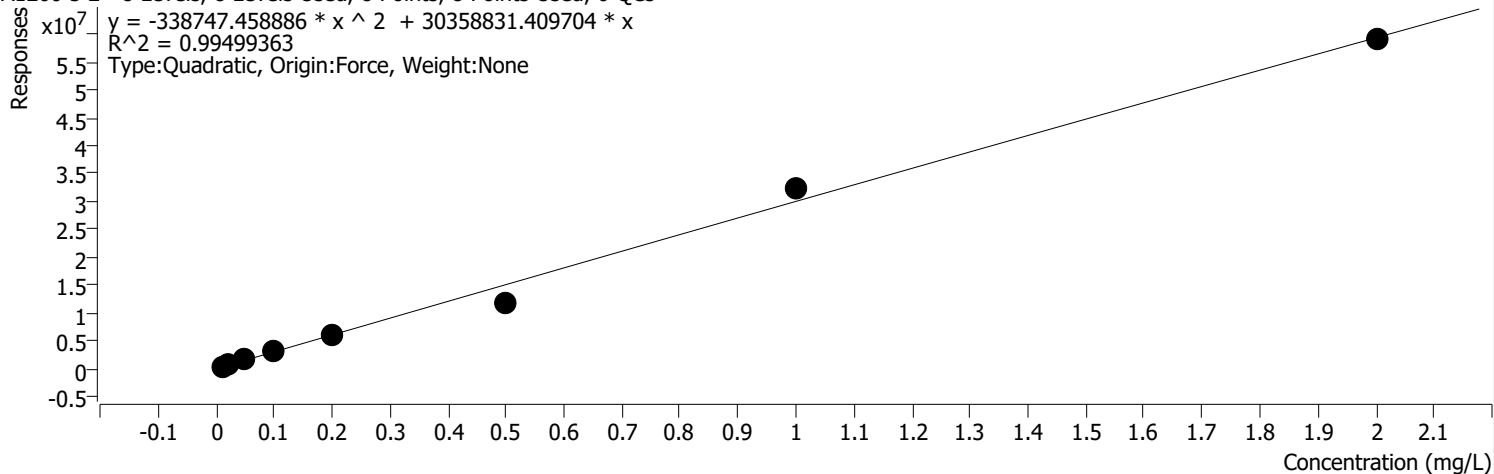
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	1837032	2.0000	918516.1 245	
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D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	8284029	10.0000	828402.8 780	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	15955410	20.0000	797770.5 106	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	29060736	40.0000	726518.4 072	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	57209022	100.0000	572090.2 214	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	142169181	200.0000	710845.9 034	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	261786300	400.0000	654465.7 491	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 2 %RSE = 12.1

A1260 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



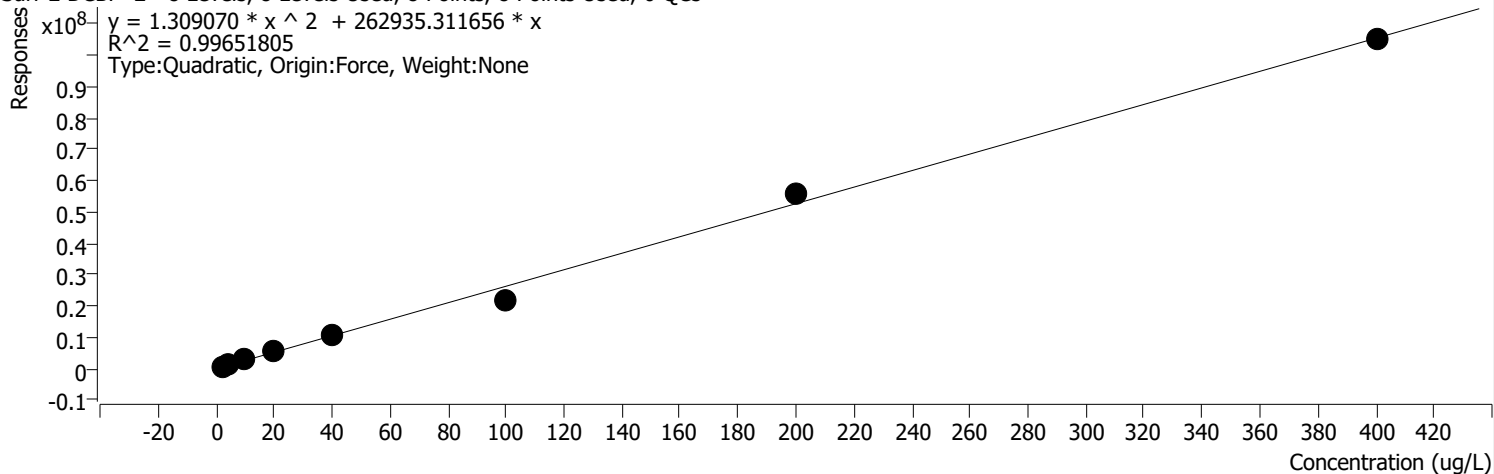
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	329058	0.0100	32905789 .2932	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	645168	0.0200	32258375 .5796	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	1655732	0.0500	33114637 .7603	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	3238542	0.1000	32385424 .8452	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	6000115	0.2000	30000573 .6052	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	11969487	0.5000	23938973 .1120	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	32330249	1.0000	32330248 .9179	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	58980434	2.0000	29490217 .0930	

Calibration Report

Batch Path	D:\GC-16\Data\2021\111721\QuantResults\1660 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	11/18/2021 12:31 PM	Reporter Name	FA\GC1625
Report Time	11/18/2021 12:32:16 PM	Batch State	Processed
Last Calib Update	11/18/2021 12:31 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE = 14.8

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2021\111721\111702.D	Calibration	1	x	603894	2.0000	301946.9 676	
D:\GC-16\Data\2021\111721\111703.D	Calibration	2	x	1180748	4.0000	295186.9 240	
D:\GC-16\Data\2021\111721\111704.D	Calibration	3	x	3033483	10.0000	303348.3 302	
D:\GC-16\Data\2021\111721\111705.D	Calibration	4	x	5879991	20.0000	293999.5 624	
D:\GC-16\Data\2021\111721\111706.D	Calibration	5	x	10568518	40.0000	264212.9 454	
D:\GC-16\Data\2021\111721\111707.D	Calibration	6	x	21665223	100.0000	216652.2 290	
D:\GC-16\Data\2021\111721\111708.D	Calibration	7	x	55938835	200.0000	279694.1 773	
D:\GC-16\Data\2021\111721\111709.D	Calibration	8	x	104846501	400.0000	262116.2 533	

PCB Calibration

+ 8270 ICAL

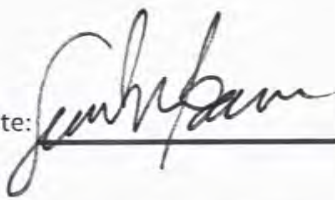
Date: 11/17/21
 Analyst: Sam Berman
 Hexane: 6023

Cal	ICV
Aroclor 1660: <u>25029</u>	Aroclor 1660: <u>24706</u>
Aroclor 1254: <u>23806</u>	Aroclor 1254: <u>24708</u>

Surrogate: 1L21: 20519 IS: 26161 1221: 25029 23016
26186 8/2 11/17/21

Spike Conc. (ppb)	Surr Conc. (ppb)	2° Spike (uL)	1° Spike (uL)	Surr (uL)	Remove (uL)	Final Vol. (mL)	Comments
10	2	5	--	--	5	1	
20	4	10	--	--	10	1	
50	10	25	--	--	25	1	
100	20	50	--	--	50	1	
200	40	100	--	--	100	1	
500	100	250	--	--	250	1	
1000	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>8/2 11/17/21</u>
2000	400	--	2 <u>0</u>	2 <u>0</u>	4 <u>22</u>	1	<u>8/2 11/17/21</u>
ICB	200	--	--	1 <u>0</u>	± <u>10</u>	1	<u>8/2 11/17/21</u>
ICV (1000 ppb)	200	--	1 <u>0</u>	1 <u>0</u>	2 <u>11</u>	1	<u>8/2 11/17/21</u>

	1660 (uL)	1254 (uL)	Surr (uL)	Final Volume (mL)
2° Intermediate (1660)	2	--	2 <u>0</u>	1
2° Intermediate (1254)	--	2	2 <u>0</u>	1

Signature and Date:  11/17/21

DATA SET for Review -- Deliverable Requirements

Total Metals by EPA Method 6020B

Fremont Analytical Work Order No. 2201334

Shannon & Wilson

Project Name: 8801- Remediation

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information
- Tune Information

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\

Report Date/Time: Tuesday, January 25, 2022 13:49:21

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	CONE COND	09:14:16 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	CONE COND	09:19:50 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	CONE COND	09:25:24 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	WASH	09:30:58 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	WASH	09:36:32 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	WASH	09:42:50 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	BLANK	09:46:29 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	BLANK	09:54:06 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	CAL BLK IS 25300	09:56:45 Tue 25-J	Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	Standard 1	09:59:24 Tue 25-J	Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	Standard 2	10:02:03 Tue 25-J	Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	Standard 3	10:04:42 Tue 25-J	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	Standard 4	10:07:21 Tue 25-J	Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	Standard 5	10:09:59 Tue 25-J	Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	Standard 6	10:12:38 Tue 25-J	Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	Standard 7	10:15:17 Tue 25-J	Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	Standard 8	10:17:56 Tue 25-J	Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	WASH	10:20:35 Tue 25-J	QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	ICB	10:23:15 Tue 25-J	QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	ICV	10:25:54 Tue 25-J	QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	BLANK	10:28:33 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	ICSA	10:37:23 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	WASH	10:40:02 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	WASH	10:42:41 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	MB-35112	10:45:21 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	LCS-35112	10:48:00 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201292-001A	10:50:38 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201292-001ADUP	10:53:17 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201285-006A	10:55:56 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201304-001A	10:58:35 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201315-001A	11:01:14 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201315-002A 2X	11:03:53 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201315-003A	11:06:32 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201315-004A	11:09:10 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	CCV	11:11:50 Tue 25-J	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	CCB	11:14:29 Tue 25-J	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	CCV	11:25:47 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201315-005A	11:43:25 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201315-006A	11:46:04 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201322-001E	11:48:42 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	WASH	11:51:22 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	MB-35113	11:54:02 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	LCS-35113	11:56:40 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201334-042A	11:59:19 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201334-042ADIL	12:01:58 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201334-042AMS	12:04:37 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201334-042AMSD	12:07:15 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	2201334-042APDS	12:09:54 Tue 25-J	Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	CCV	12:12:34 Tue 25-J	QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	
	CCB	12:15:13 Tue 25-J	QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012522eh\	

2201334-040A	12:21:10 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-041A	12:23:49 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-061A	12:26:28 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-062A	12:29:07 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-063A	12:31:46 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-064A	12:34:25 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-065A	12:37:04 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-066A	12:39:42 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-068A	12:42:21 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-070A	12:45:00 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
CCV	12:47:40 Tue 25-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01252
CCB	12:50:19 Tue 25-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01252
2201334-072A	12:52:58 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-073A	12:55:37 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-074A	12:58:16 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-075A	13:00:55 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201334-076A	13:03:34 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201314-006A	13:06:12 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201314-007A	13:08:51 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201314-008A	13:11:30 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
2201314-009A	13:14:09 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01252
LDR	13:16:48 Tue 25-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01252
WASH	13:19:28 Tue 25-J:Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01252
CCV	13:22:07 Tue 25-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01252
CCB	13:24:46 Tue 25-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01252
MB-35127	13:35:34 Tue 25-J:Sample	C:\Users\Public\DocumMBLK,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01252
LCS-35127	13:38:13 Tue 25-J:Sample	C:\Users\Public\DocumLCS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01252
2201273-001A	13:40:51 Tue 25-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01252
2201273-001ADUP	13:43:30 Tue 25-J:Sample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01252
2201273-001AMS	13:46:09 Tue 25-J:Sample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01252

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\

Report Date/Time: Thursday, January 27, 2022 10:01:56

The Dataset

Batch ID	Sample ID	Date and Time	Read Type	Samp. File Name	Description
	WASH	09:27:05	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	09:35:42	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	new 2%	09:39:20	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	NEW FILTER 5X	09:44:29	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	NEW FILTER 1X	09:47:09	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	BLANK	11:26:34	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	CAL BLK IS 23514	11:29:01	Wed 26--Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 2	11:32:29	Wed 26--Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 5	11:35:57	Wed 26--Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 6	11:39:25	Wed 26--Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 8	11:42:53	Wed 26--Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	11:46:21	Wed 26--QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	ICB	11:49:48	Wed 26--QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	ICV	11:53:16	Wed 26--QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	BLANK	11:56:43	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	MB-35134	12:11:26	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	LCS-35134	12:18:35	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201325-011C	12:22:02	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201325-011CDUP	12:25:30	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201325-011CMS	12:28:57	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201338-001A 50X	12:32:25	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201338-002A 50X	12:35:52	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	CCV	12:39:21	Wed 26--QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	CCB	12:42:49	Wed 26--QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201338-001A 10X	12:49:41	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201338-002A 10X	12:54:01	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	CCV	13:00:05	Wed 26--QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	CCB	13:03:33	Wed 26--QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	13:19:35	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	BLANK	13:23:14	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	CAL BLK IS 25300	13:25:53	Wed 26--Blank	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 1	13:28:32	Wed 26--Standard #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 2	13:31:11	Wed 26--Standard #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 3	13:33:50	Wed 26--Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 4	13:36:29	Wed 26--Standard #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 5	13:39:08	Wed 26--Standard #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 6	13:41:47	Wed 26--Standard #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 7	13:44:25	Wed 26--Standard #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	Standard 8	13:47:04	Wed 26--Standard #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	13:49:44	Wed 26--QC Std #1	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	ICB	13:52:23	Wed 26--QC Std #2	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	ICV	13:55:03	Wed 26--QC Std #6	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	BLANK	13:57:42	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	ICV	14:00:21	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	ICSA	14:03:01	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	14:05:41	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	WASH	14:08:20	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	MB-35134	14:41:39	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	LCS-35134	14:44:17	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	
	2201325-011C	14:46:56	Wed 26--Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012622eh\	

2201325-011CDUP	14:49:35	Wed 26-.Sample	C:\Users\Public\DocumDUP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201325-011CMS	14:52:14	Wed 26-.Sample	C:\Users\Public\DocumMS,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
WASH	14:54:53	Wed 26-.Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
MB-35114	14:57:33	Wed 26-.Sample	C:\Users\Public\DocumMBLK,M-SPLP	gistix\ICPMS\DataSet\Jan2022\01262
2201334-072A 2X	15:00:12	Wed 26-.Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
2201334-072AMS	15:02:51	Wed 26-.Sample	C:\Users\Public\DocumMS,M-SPLP	gistix\ICPMS\DataSet\Jan2022\01262
2201334-073A 2X	15:05:29	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-SPLP	gistix\ICPMS\DataSet\Jan2022\01262
CCV	15:08:09	Wed 26-.JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
CCB	15:10:48	Wed 26-.JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
2201079-007A 50X	15:29:35	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201304-001A 5X	15:32:15	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201079-008A 50X	15:34:54	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201332-001C	15:37:34	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201340-001A	15:40:13	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201340-002A	15:42:52	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201340-003A	15:45:31	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201340-004A	15:48:10	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201340-005A	15:50:49	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201340-006A	15:53:28	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
CCV	15:56:07	Wed 26-.JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
CCB	15:58:47	Wed 26-.JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
2201341-001A	16:01:26	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201341-002A	16:04:20	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201345-001A	16:07:14	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201345-006A	16:10:08	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201353-001A 5X	16:13:02	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201356-001C	16:15:56	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201358-001E 5X	16:18:50	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
2201359-005A	16:21:43	Wed 26-.Sample	C:\Users\Public\DocumSAMP,M-200.8-T	gistix\ICPMS\DataSet\Jan2022\01262
WASH	16:24:38	Wed 26-.Sample	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
MB-35135	16:27:32	Wed 26-.Sample	C:\Users\Public\DocumMBLK,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
CCV	16:30:27	Wed 26-.JQC Std #4	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
CCB	16:33:21	Wed 26-.JQC Std #5	C:\Users\Public\Documents\PerkinElmer	Syngistix\ICPMS\DataSet\Jan2022\01262
LCS-35135	16:36:16	Wed 26-.Sample	C:\Users\Public\DocumLCS,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
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2201314-035ADIL	16:42:04	Wed 26-.Sample	C:\Users\Public\DocumSD,M-6020-S	gistix\ICPMS\DataSet\Jan2022\01262
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DI	18:09:07 Wed 26-.QC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01262

Dataset Report

User Name: ICPMS

Computer Name: FA-DT28

Dataset File Path: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012722eh\

Report Date/Time: Friday, January 28, 2022 08:07:44

The Dataset

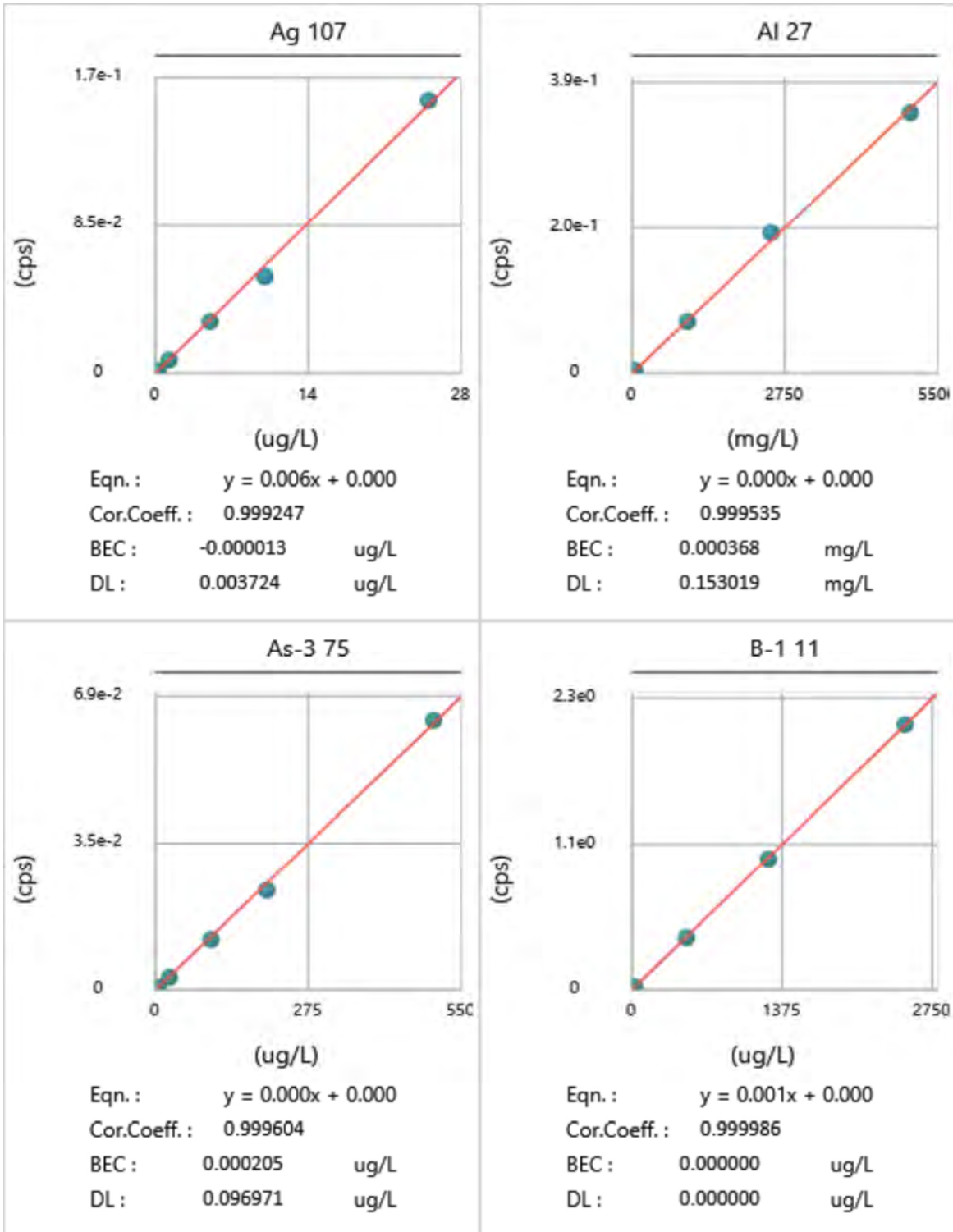
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	Standard 3	09:45:19 Thu 27-J	Standard #3	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\012722eh\	
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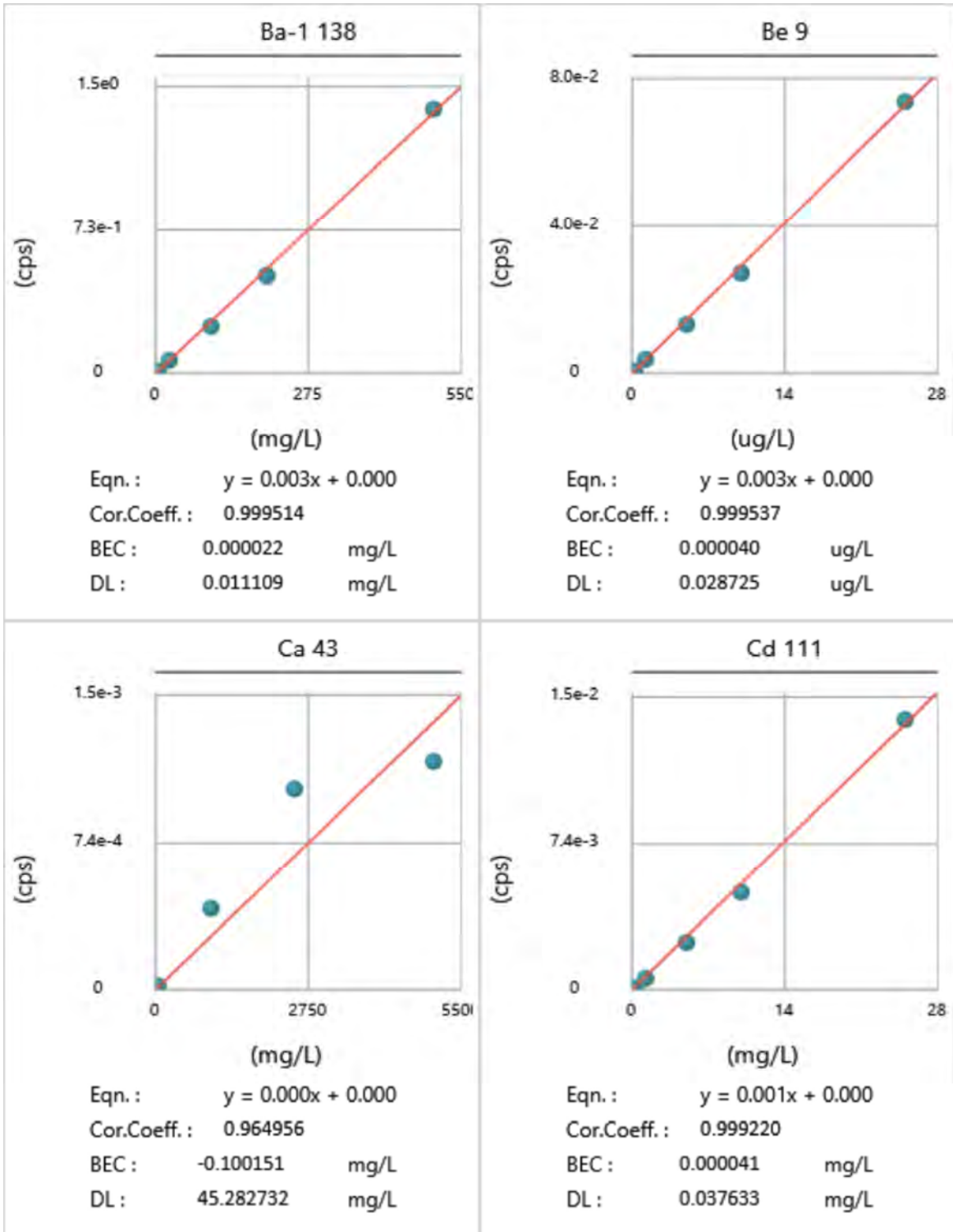
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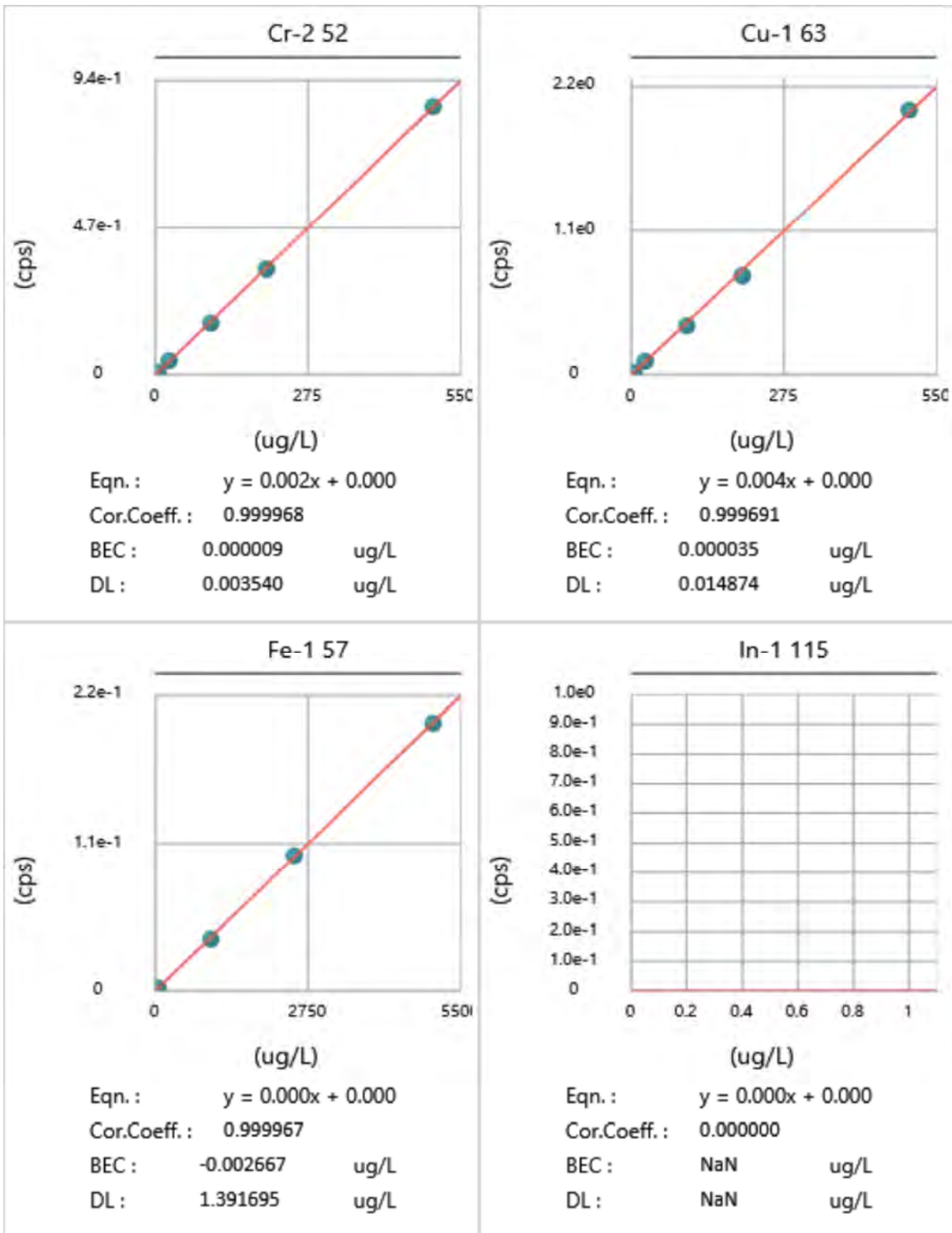
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CCB	15:53:24 Thu 27-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01272
2201371-004A	16:18:07 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01272
2201371-017A	16:20:45 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01272
2201370-001A	16:23:23 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01272
2201370-002A	16:26:03 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01272
2201370-003A	16:28:57 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01272
2201370-004A	16:31:52 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-6020-S . gistix\ICPMS\DataSet\Jan2022\01272
WASH	16:34:46 Thu 27-J:Sample	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01272
MB-35137	16:37:40 Thu 27-J:Sample	C:\Users\Public\DocumMBLK,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
LCS-35137	16:40:34 Thu 27-J:Sample	C:\Users\Public\DocumLCS,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201356-001A	16:43:27 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
CCV	16:46:22 Thu 27-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01272
CCB	16:49:17 Thu 27-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01272
2201356-001AMS	16:52:11 Thu 27-J:Sample	C:\Users\Public\DocumDUP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201356-001AMSD	16:55:04 Thu 27-J:Sample	C:\Users\Public\DocumMS,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201356-002A	16:57:58 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201356-003A	17:00:52 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201356-004A	17:03:46 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201356-005A	17:06:39 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201356-006A	17:09:33 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201356-007A	17:12:11 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201356-008A	17:14:50 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201356-009A	17:17:29 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
CCV	17:20:09 Thu 27-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01272
CCB	17:22:48 Thu 27-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01272
2201356-010A	17:25:27 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201356-011A	17:28:06 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201315-001B	17:30:45 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201315-001BMS	17:33:24 Thu 27-J:Sample	C:\Users\Public\DocumMS,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
2201315-002B	17:36:03 Thu 27-J:Sample	C:\Users\Public\DocumSAMP,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
MB-35136FB	17:38:43 Thu 27-J:Sample	C:\Users\Public\DocumMBLK,M-200.8-D . gistix\ICPMS\DataSet\Jan2022\01272
CCV	17:41:22 Thu 27-J:QC Std #4	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01272
CCB	17:44:02 Thu 27-J:QC Std #5	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01272
2%	17:46:41 Thu 27-J:QC Std #7	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01272
DI	17:49:20 Thu 27-J:QC Std #8	C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\DataSet\Jan2022\01272

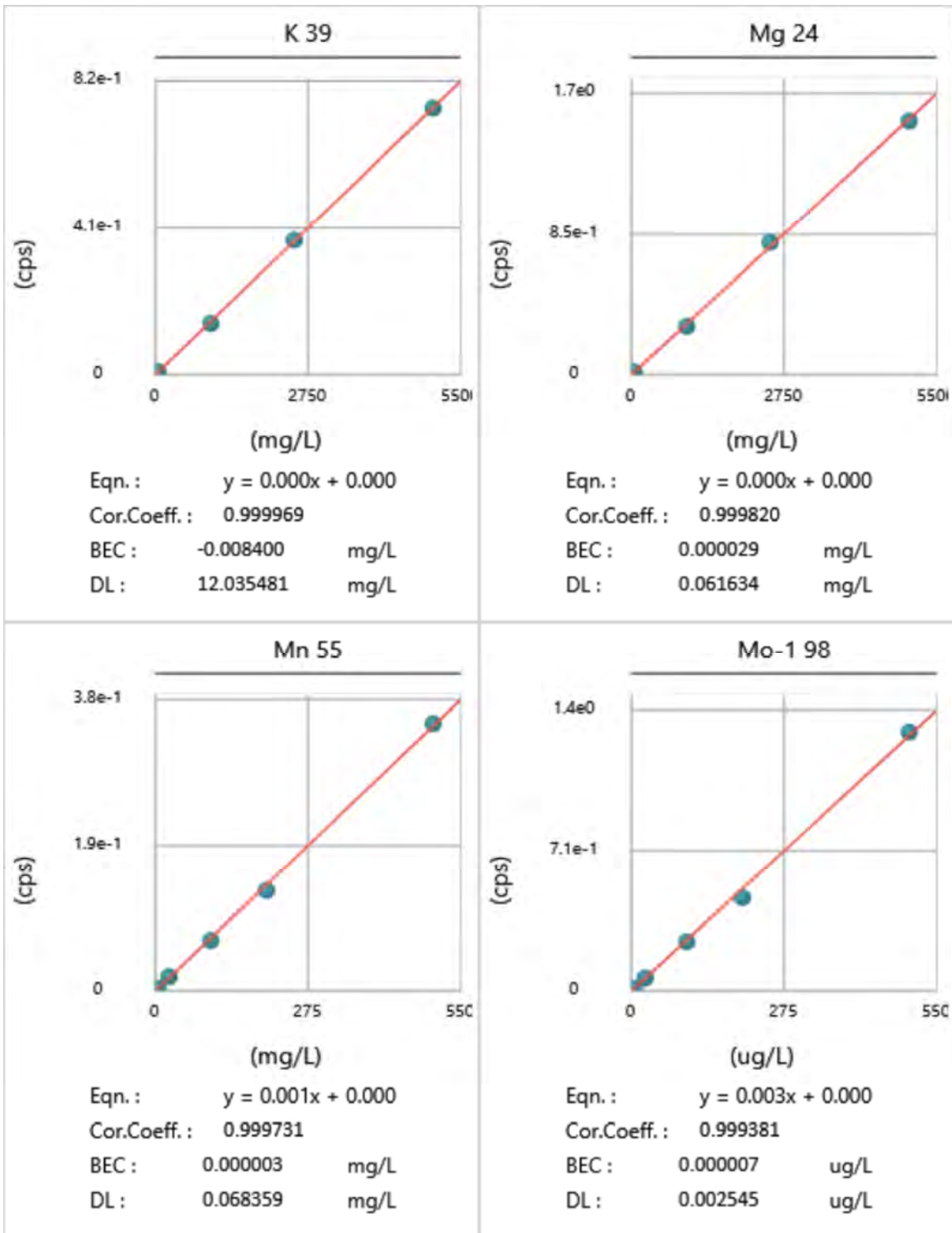


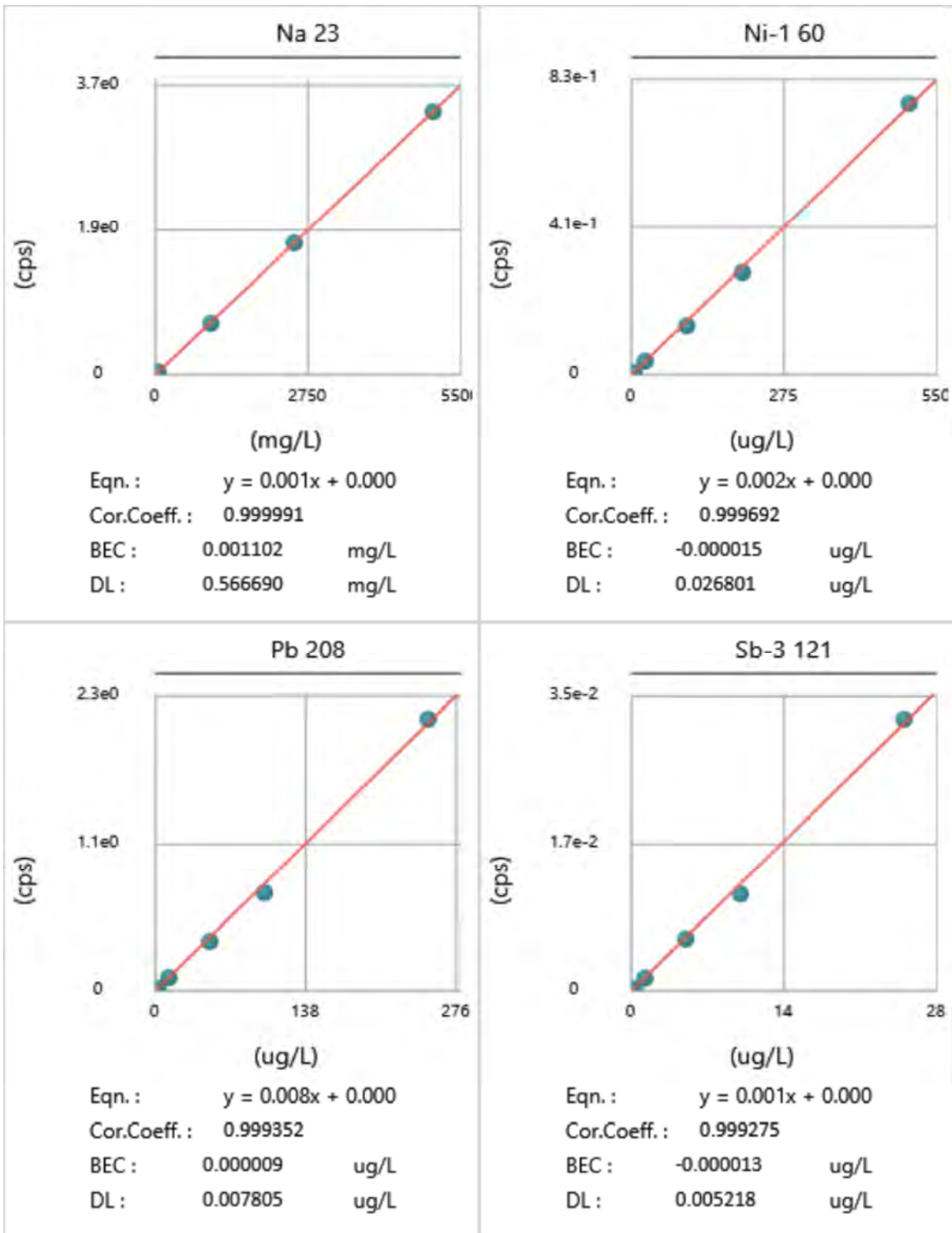
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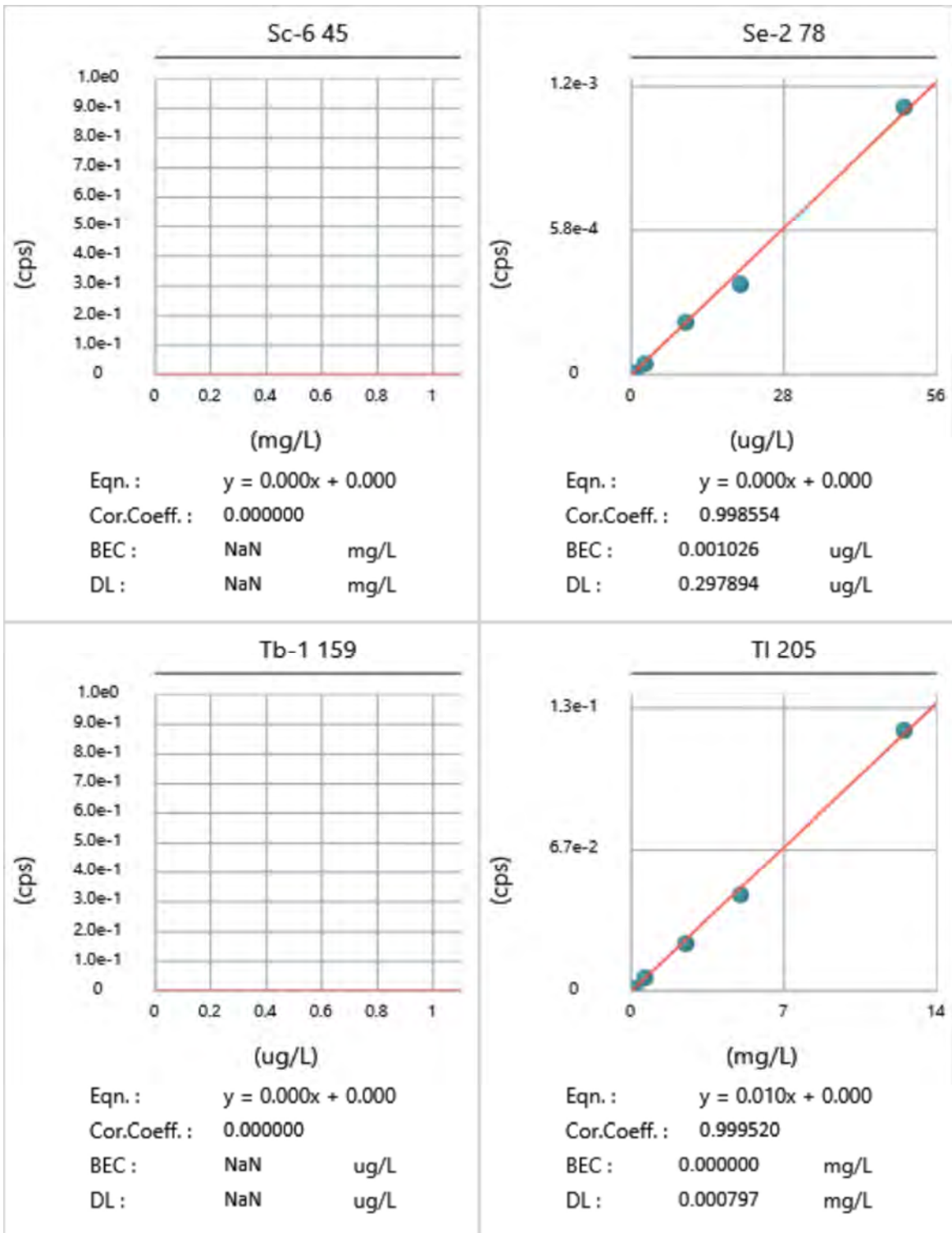


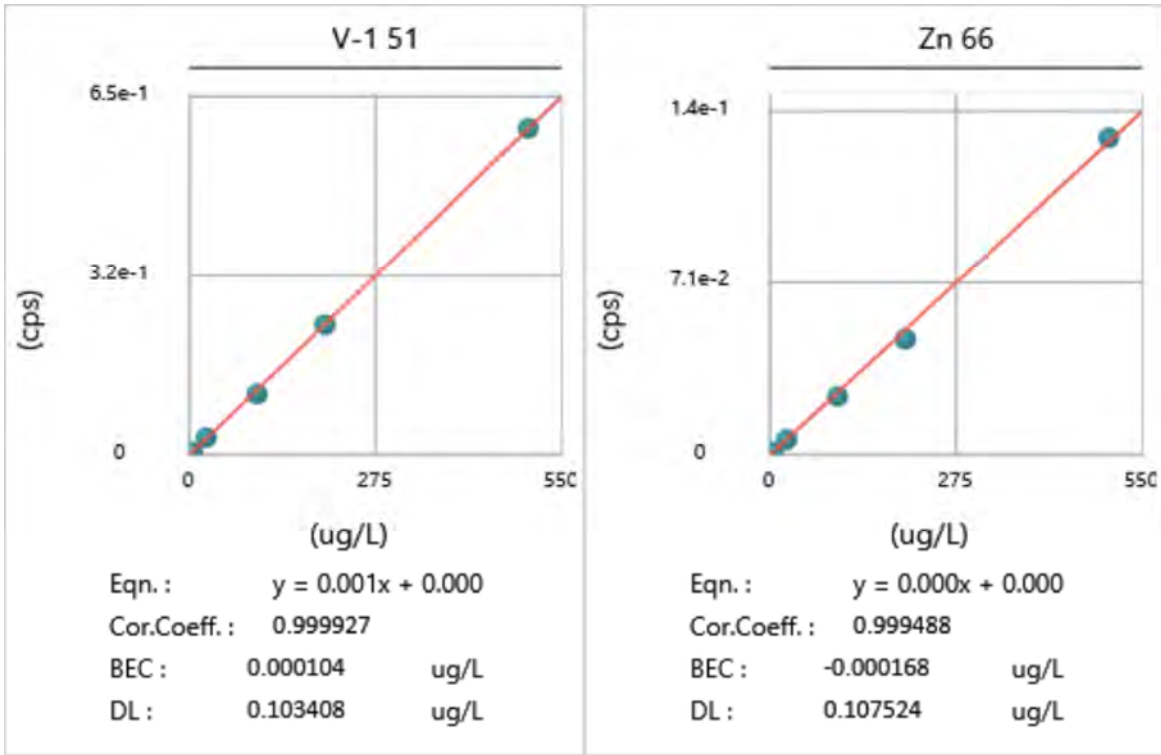


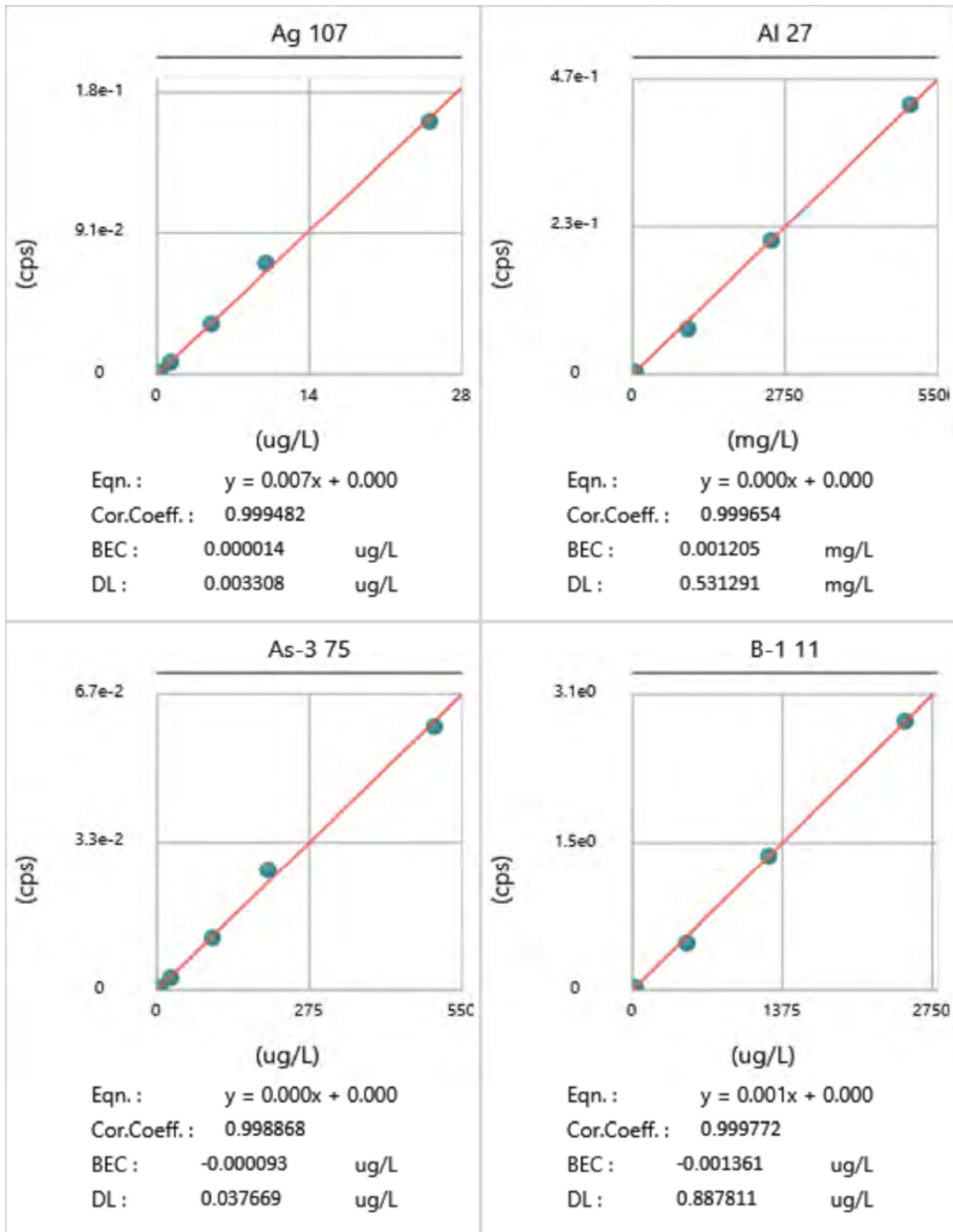


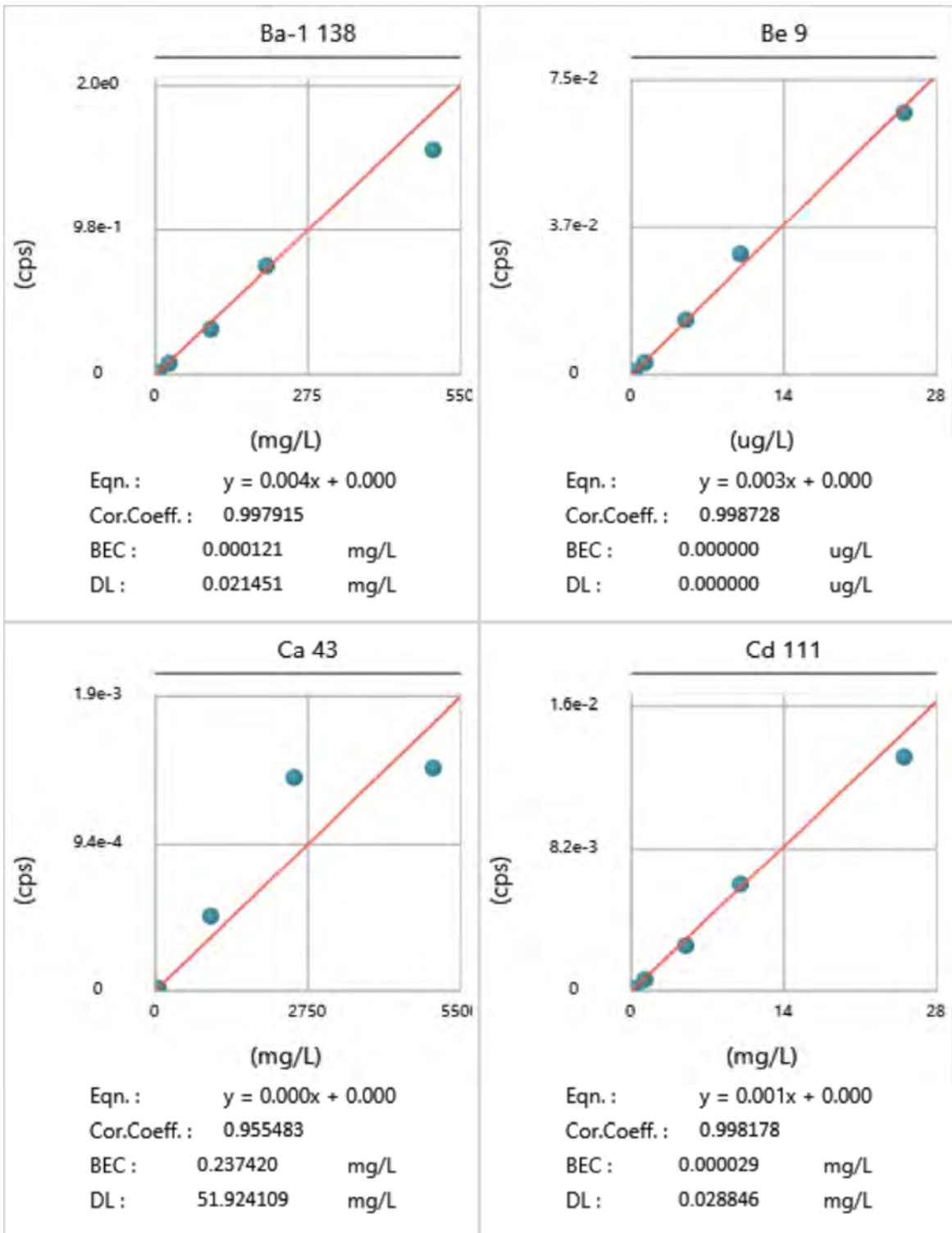


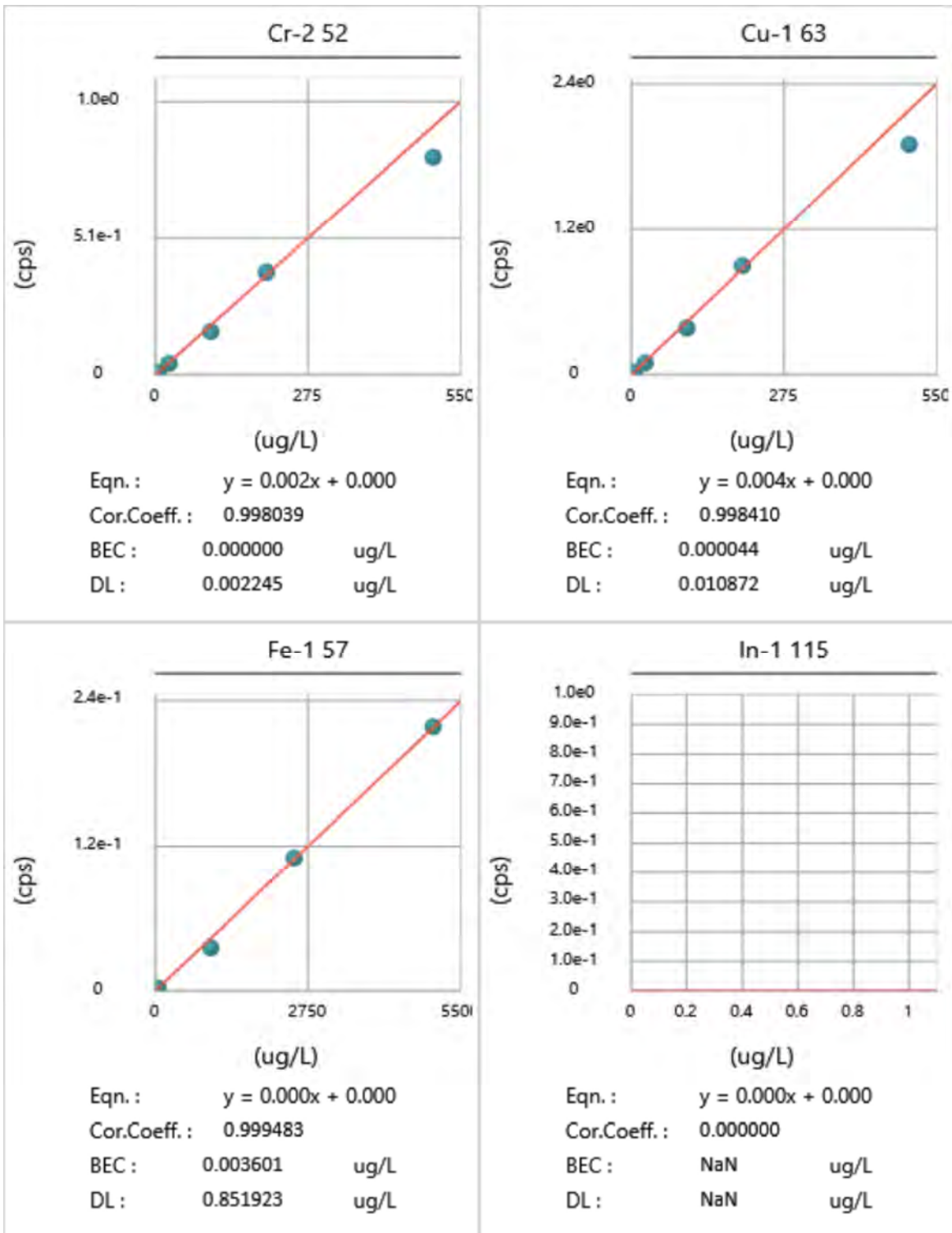


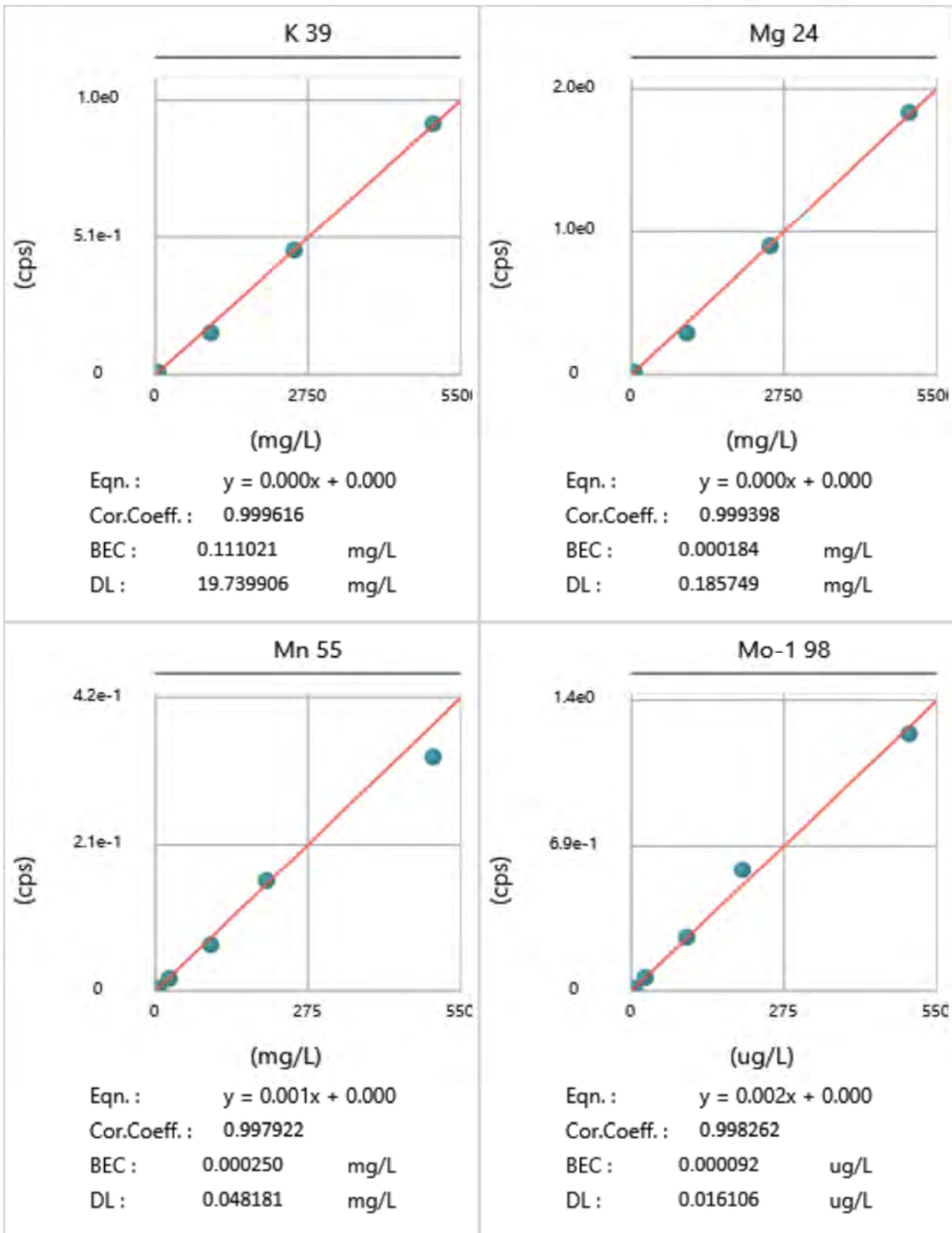


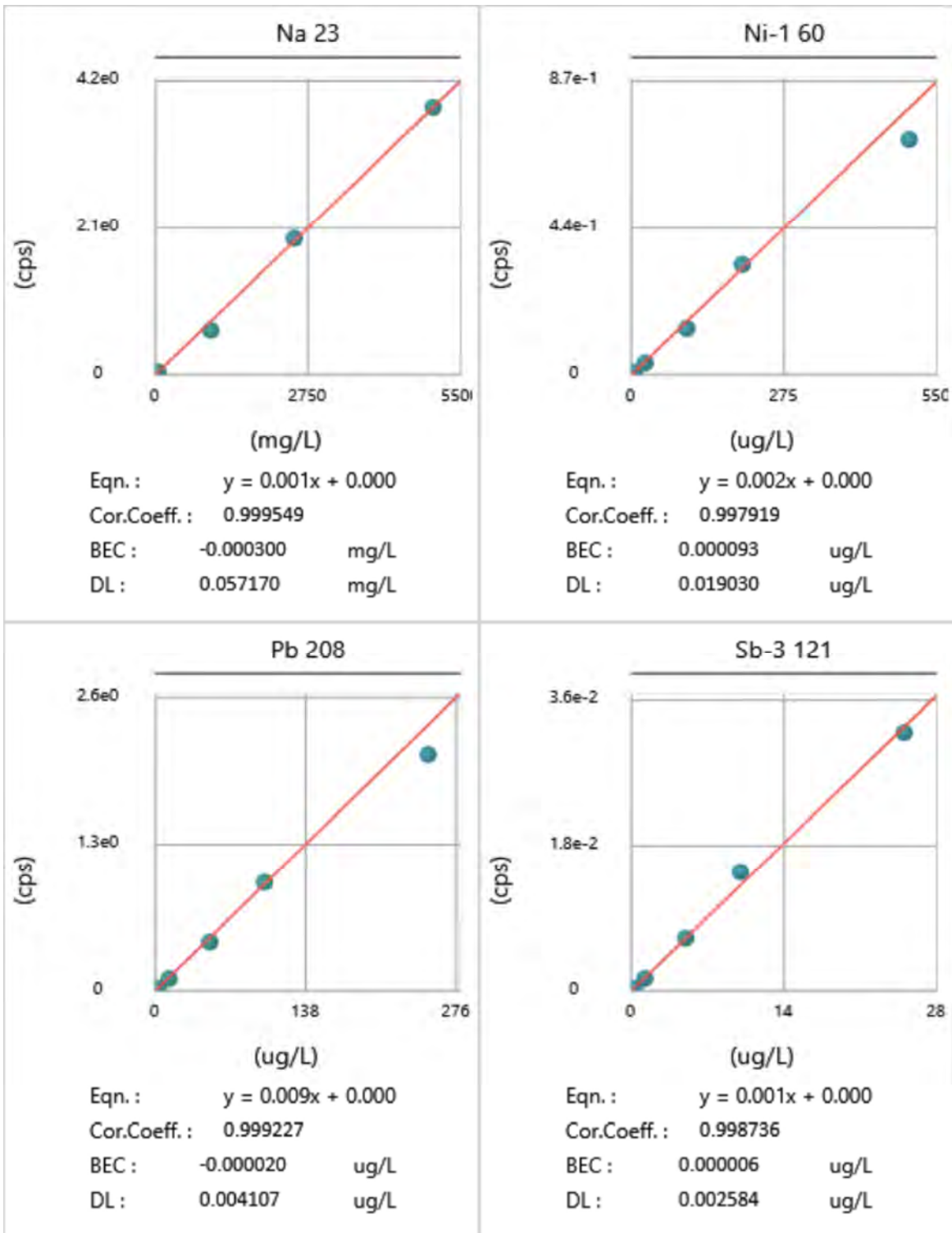


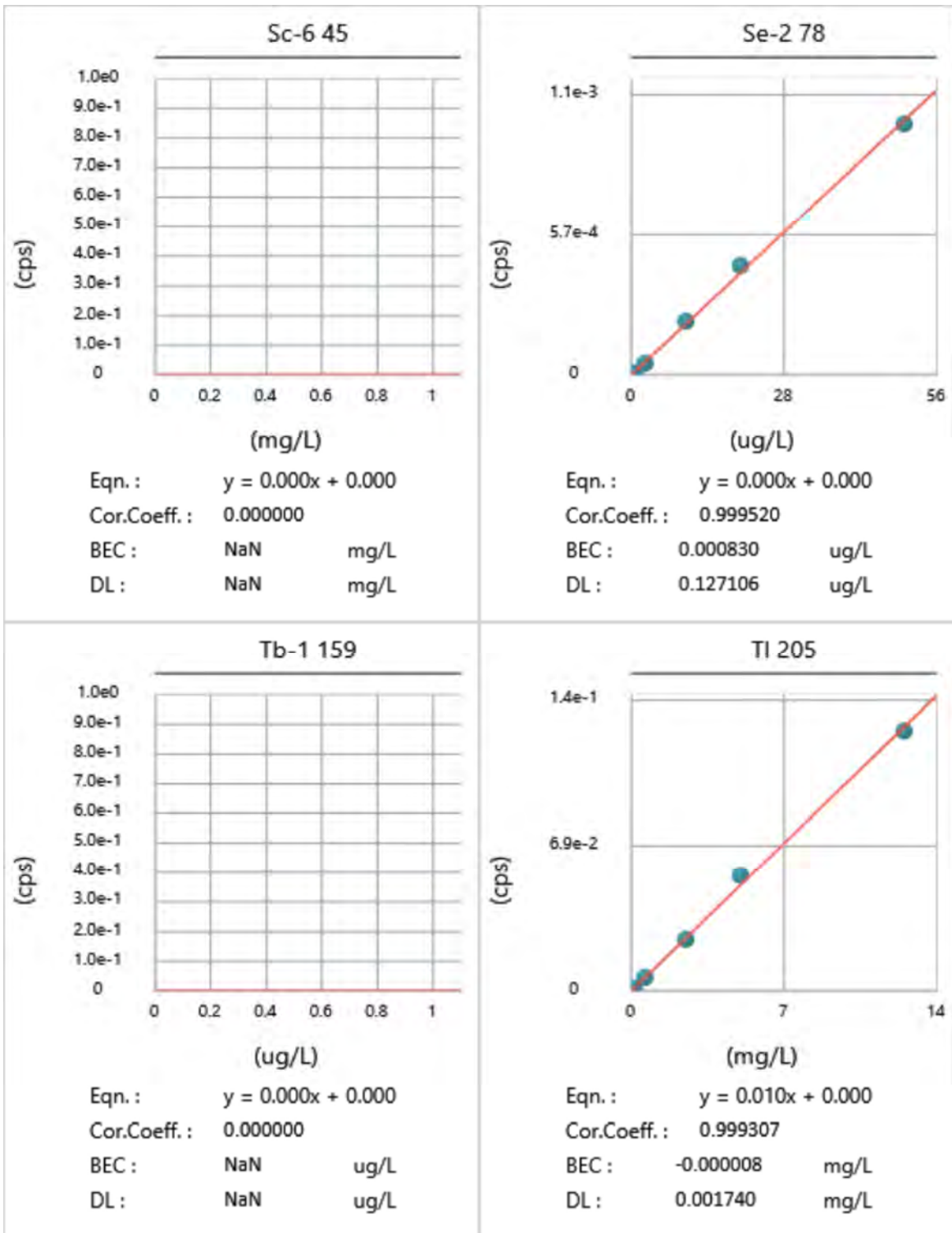


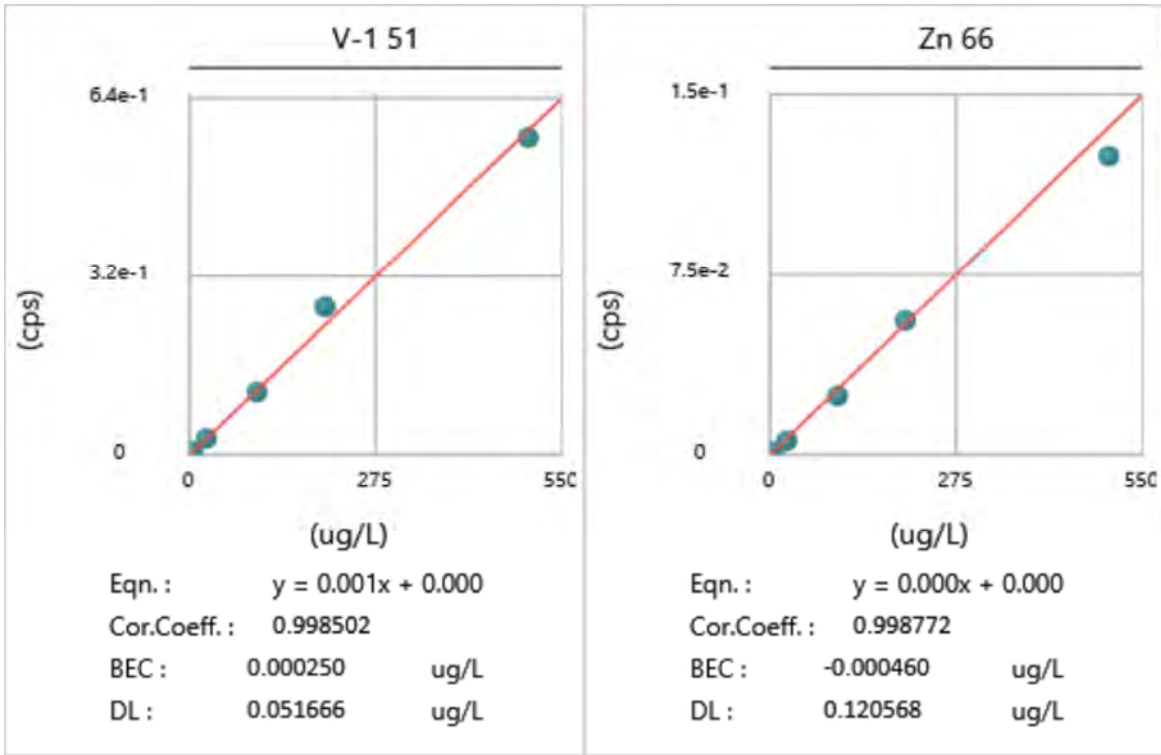


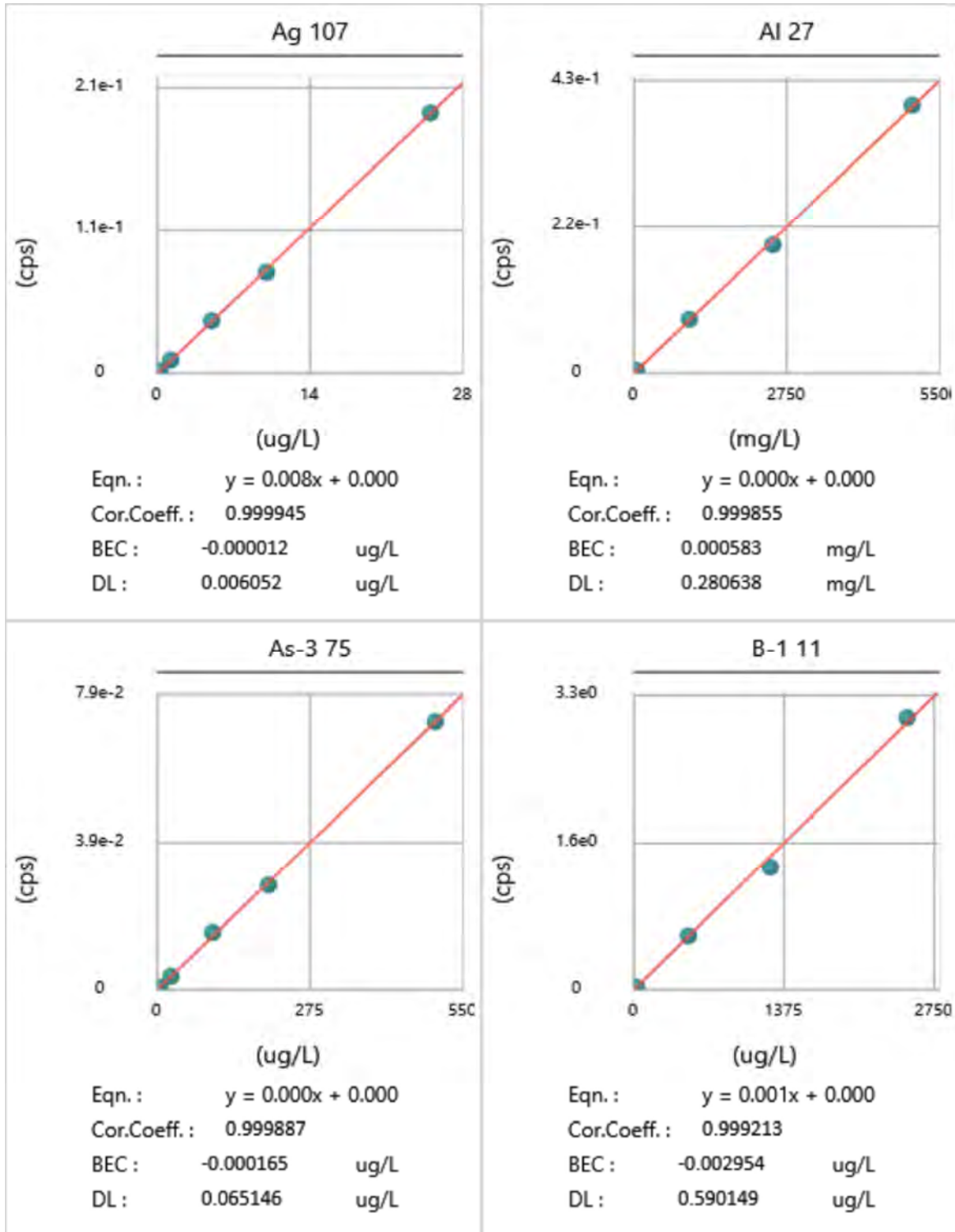


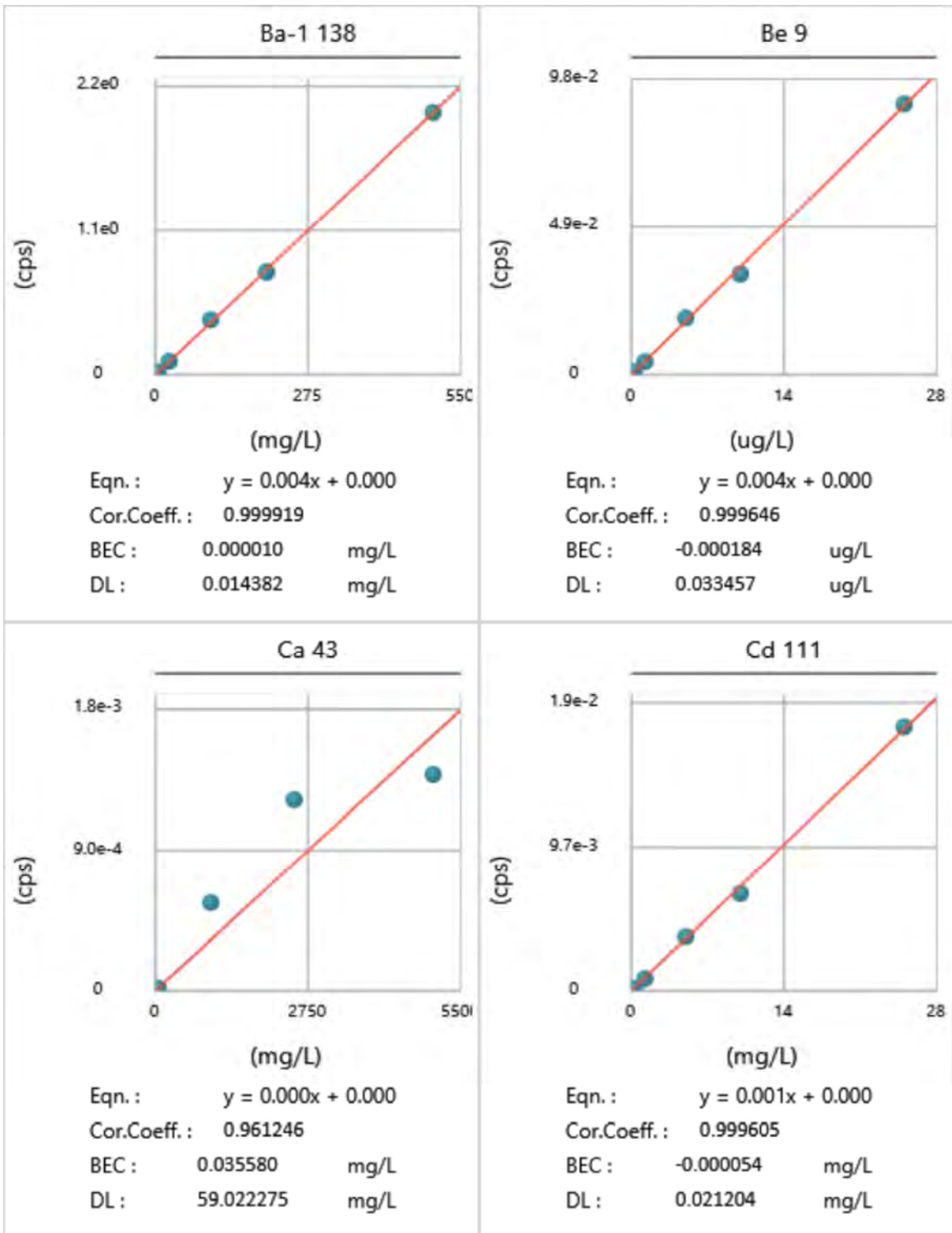


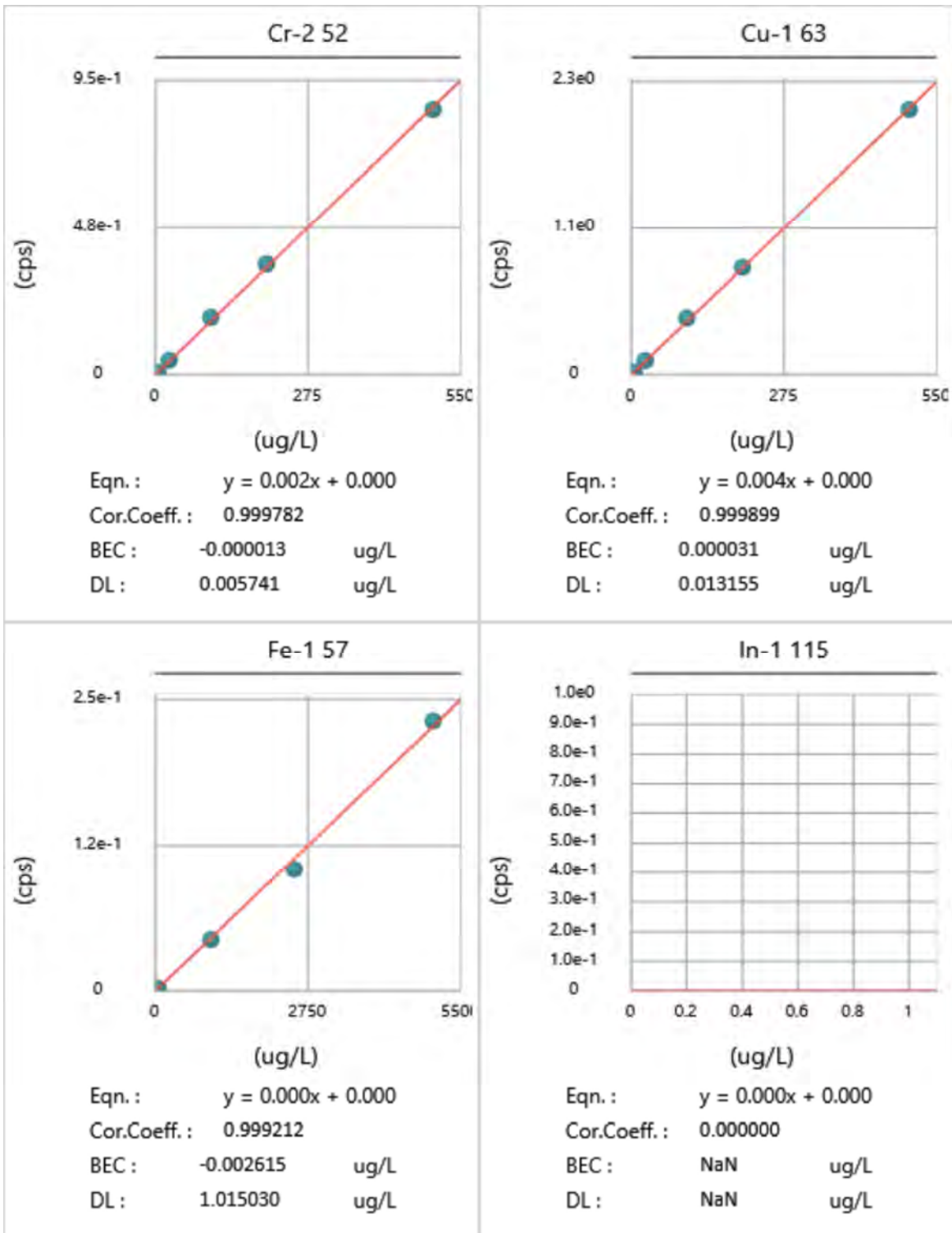


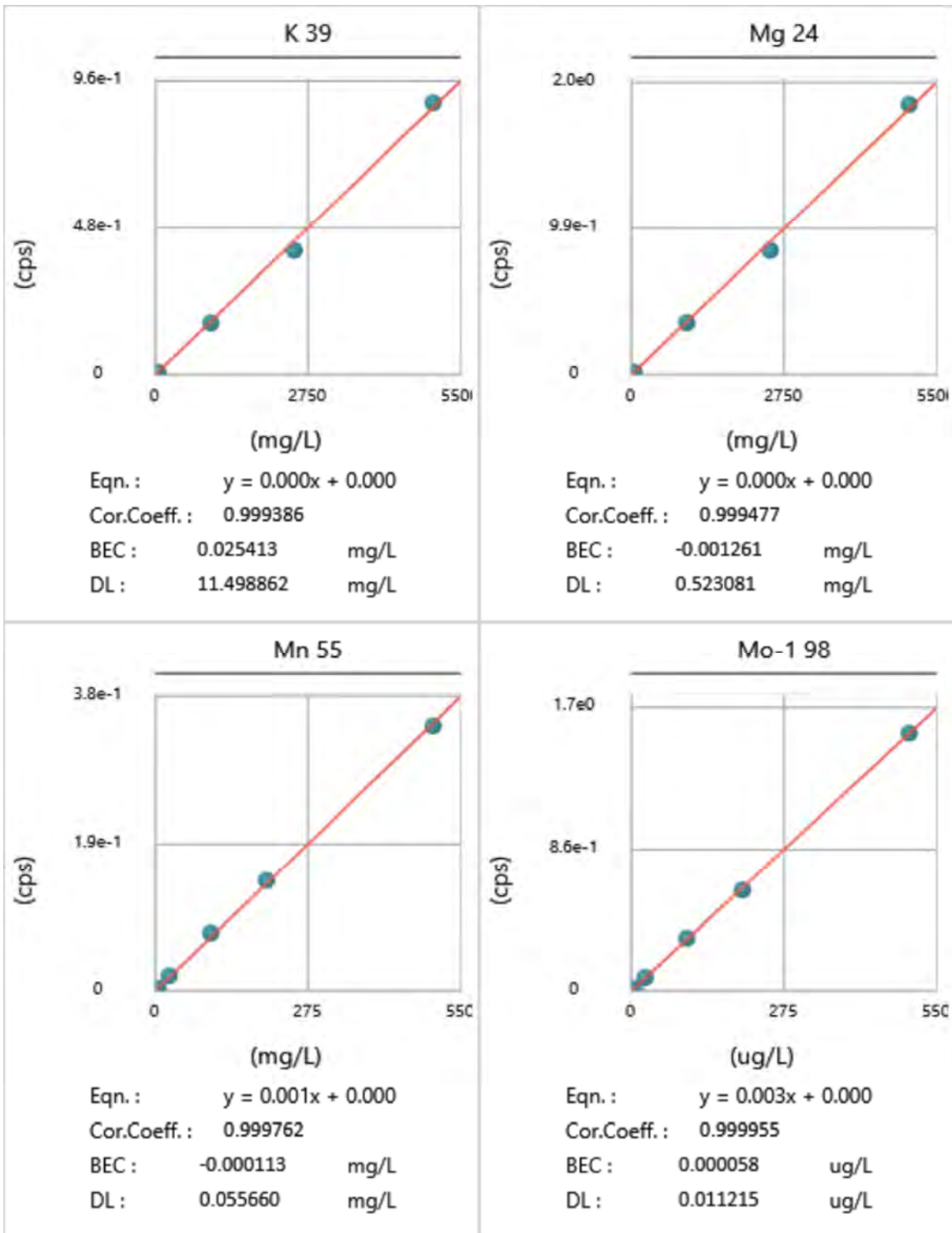


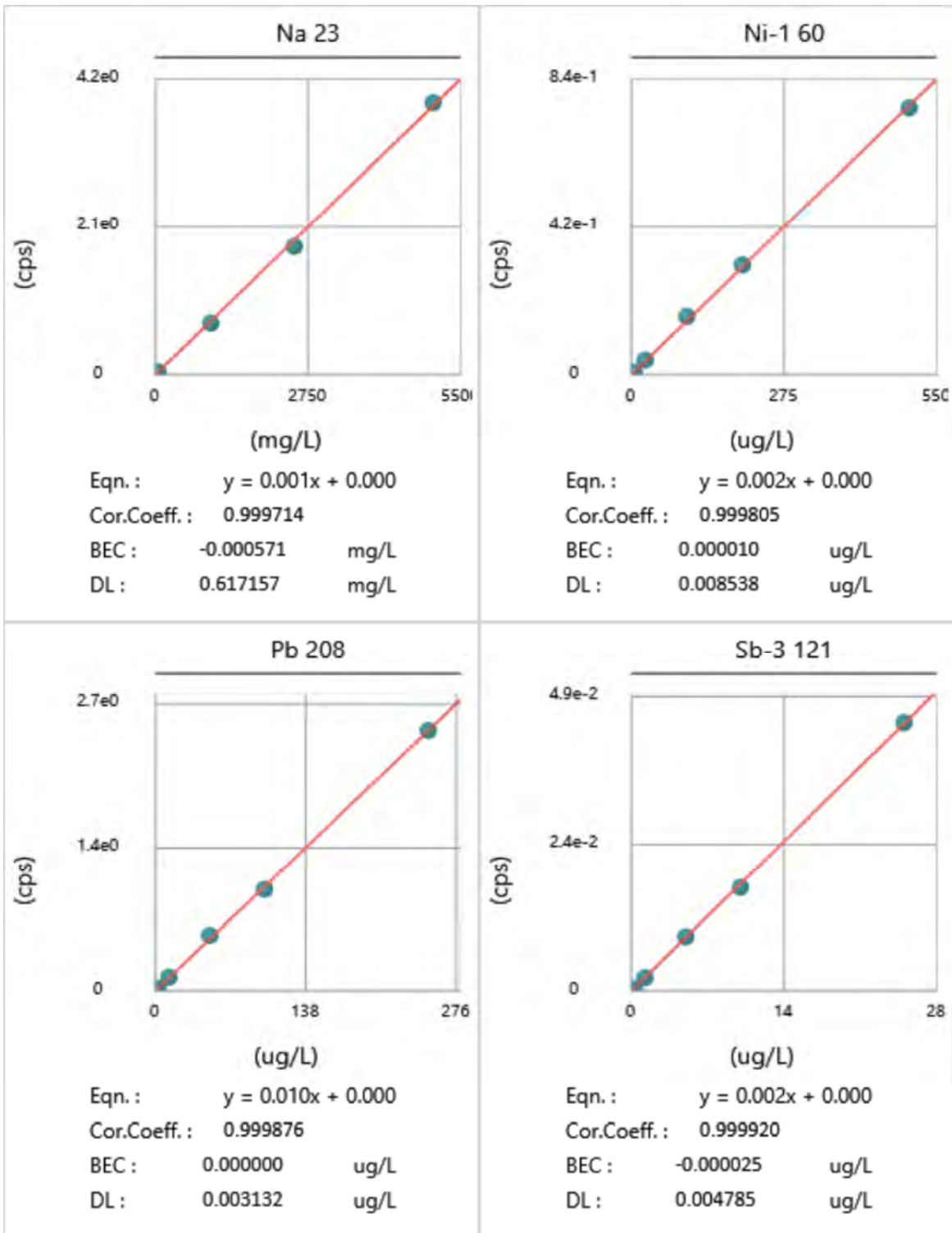


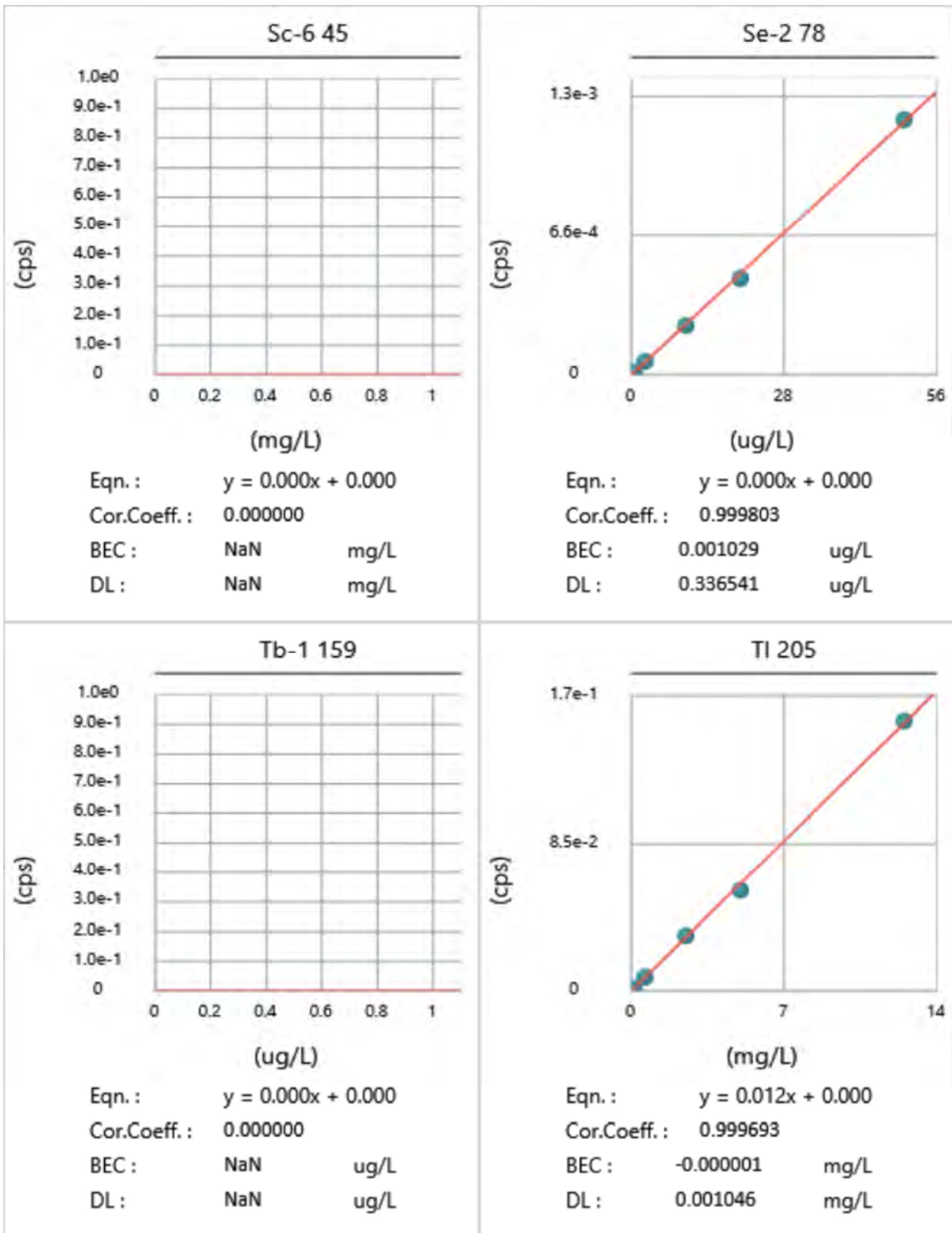


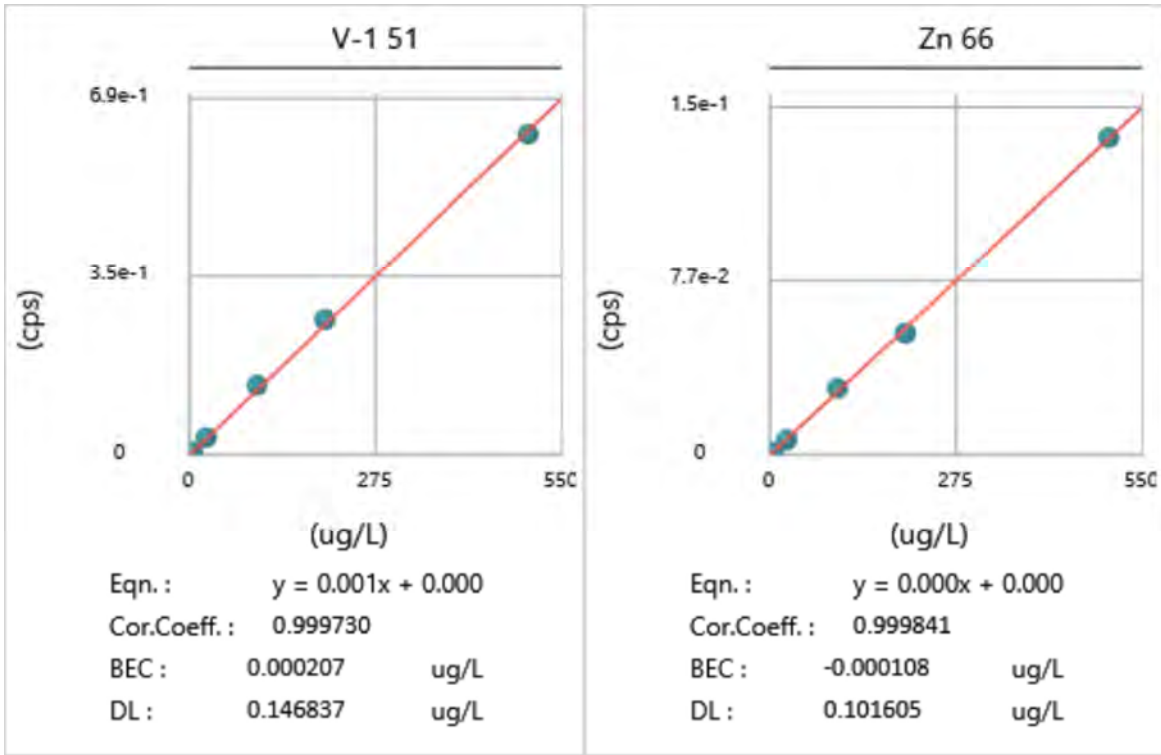


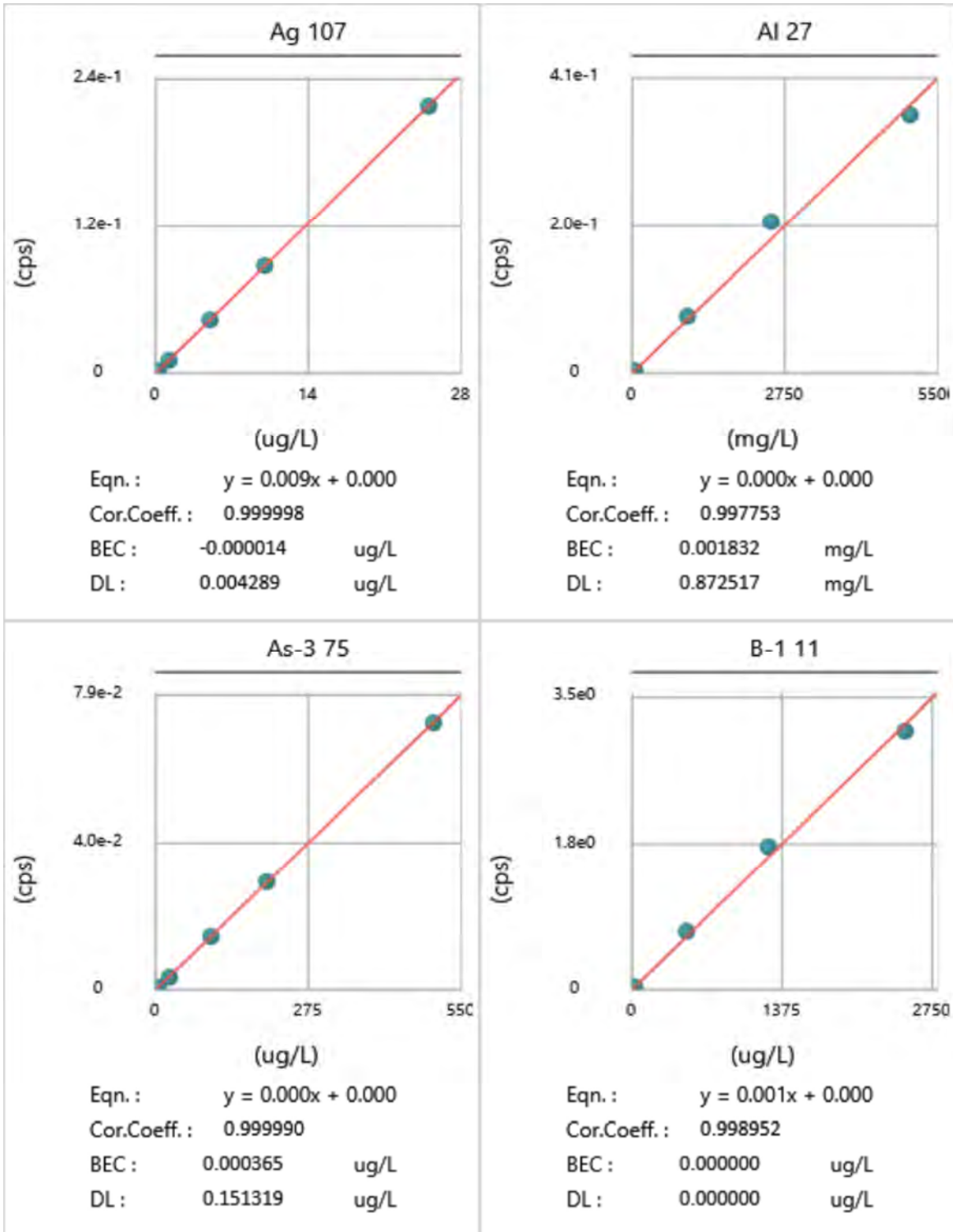


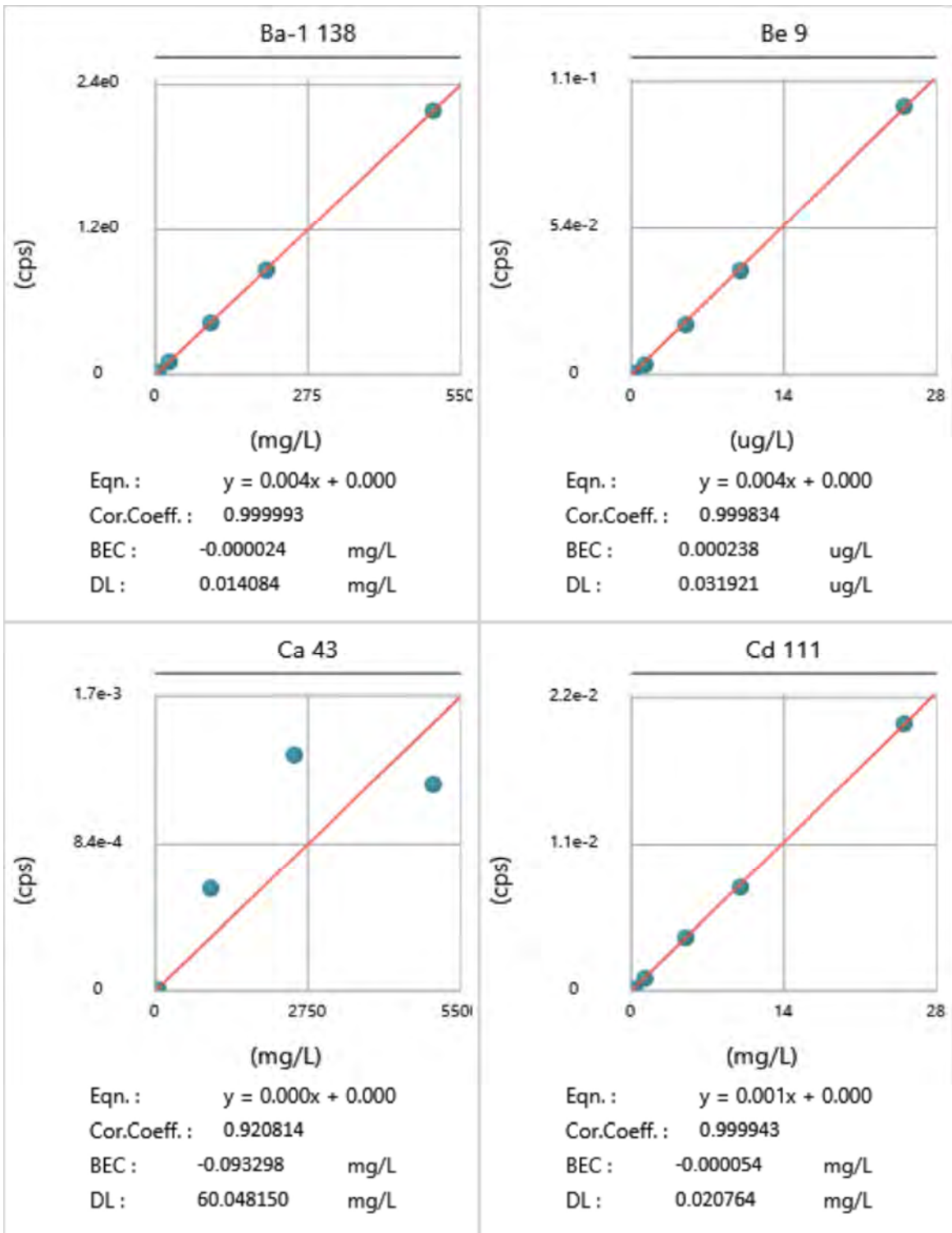


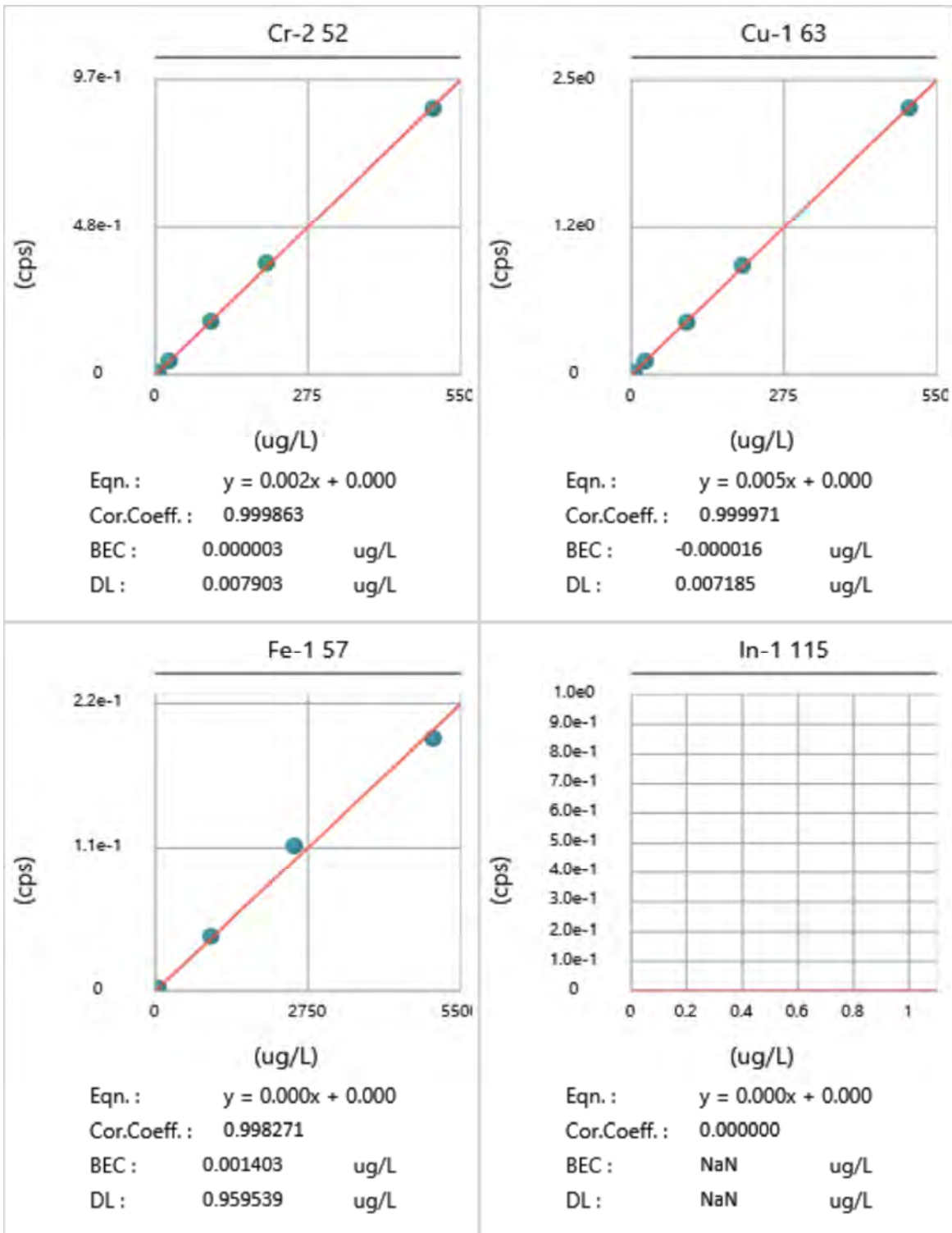


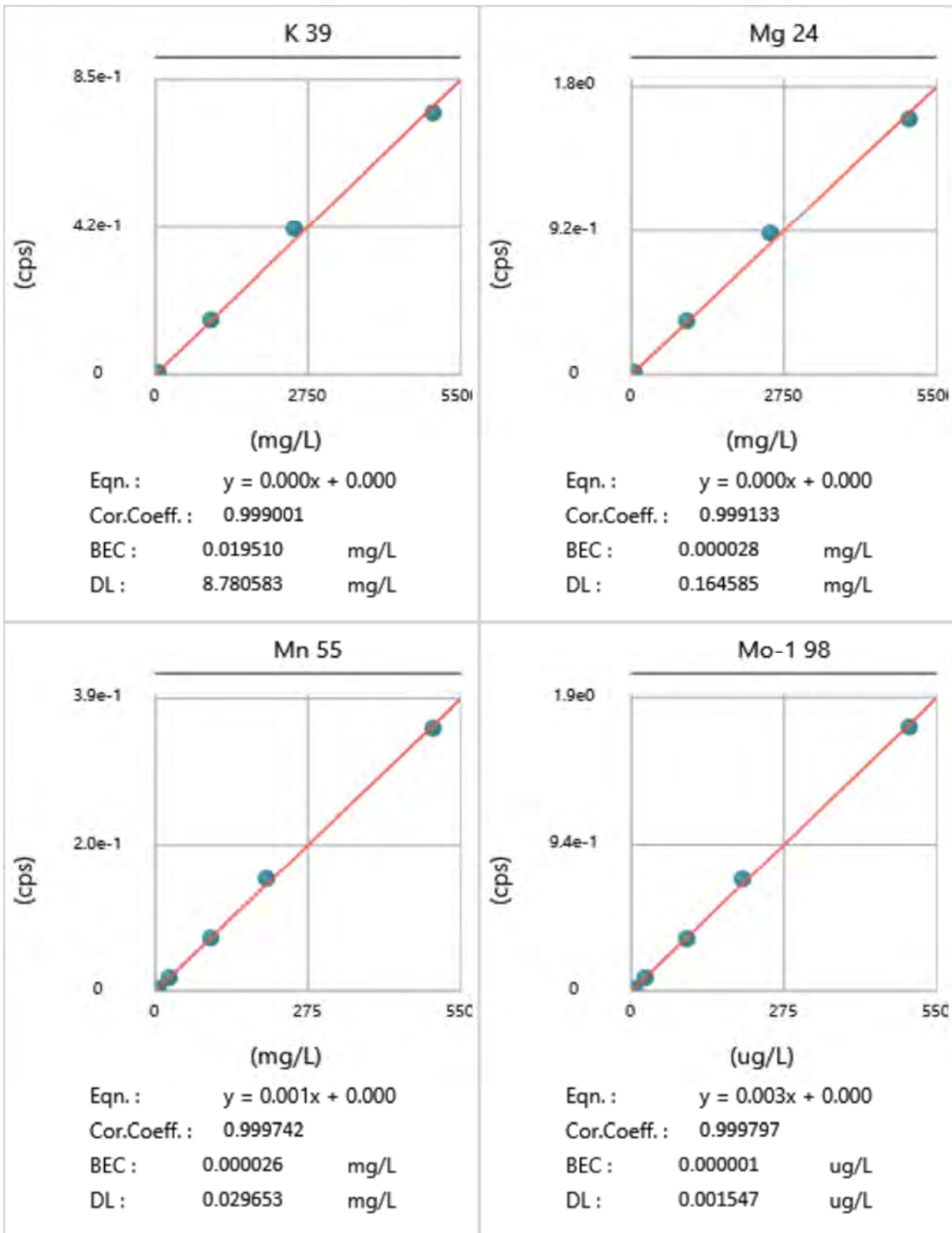


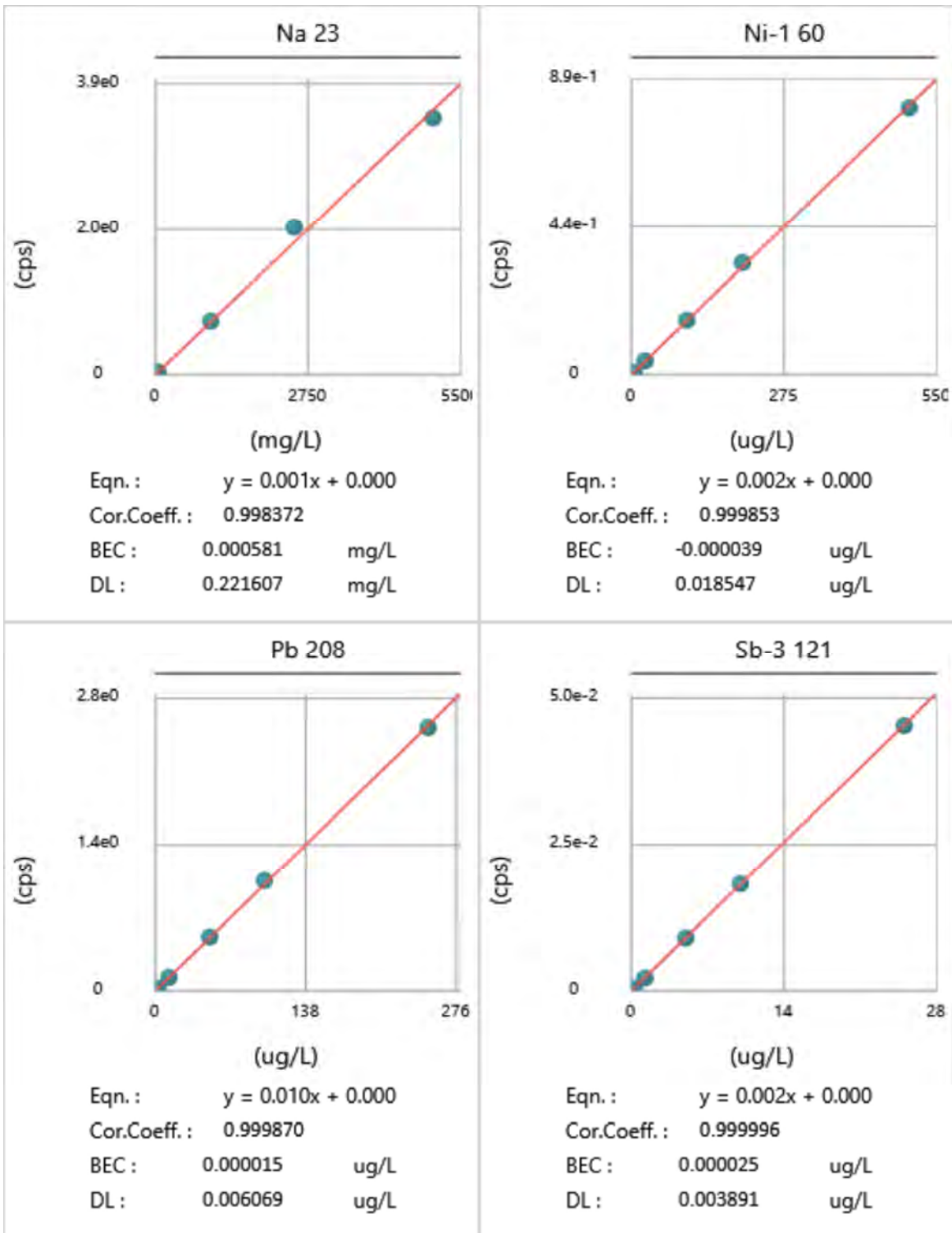


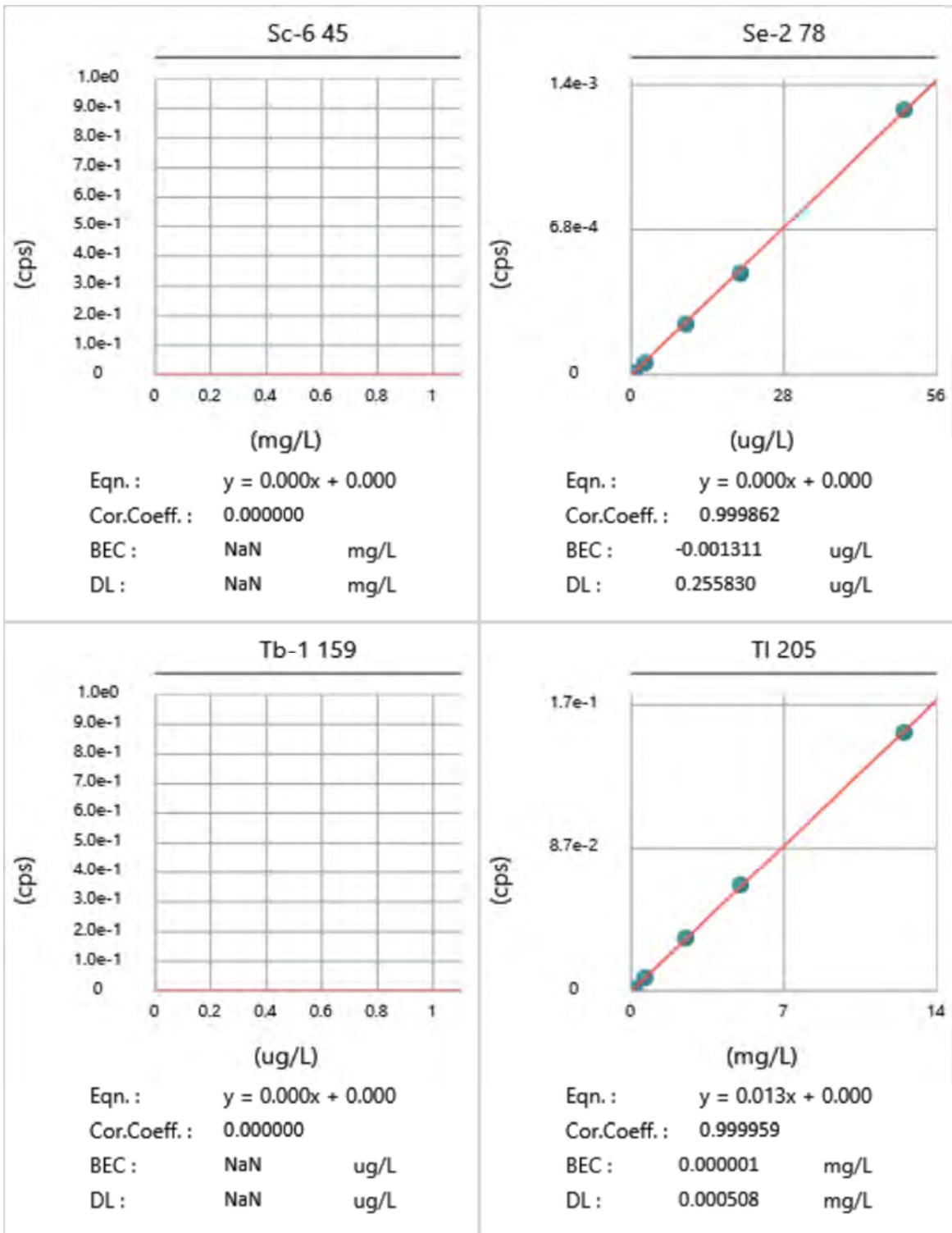


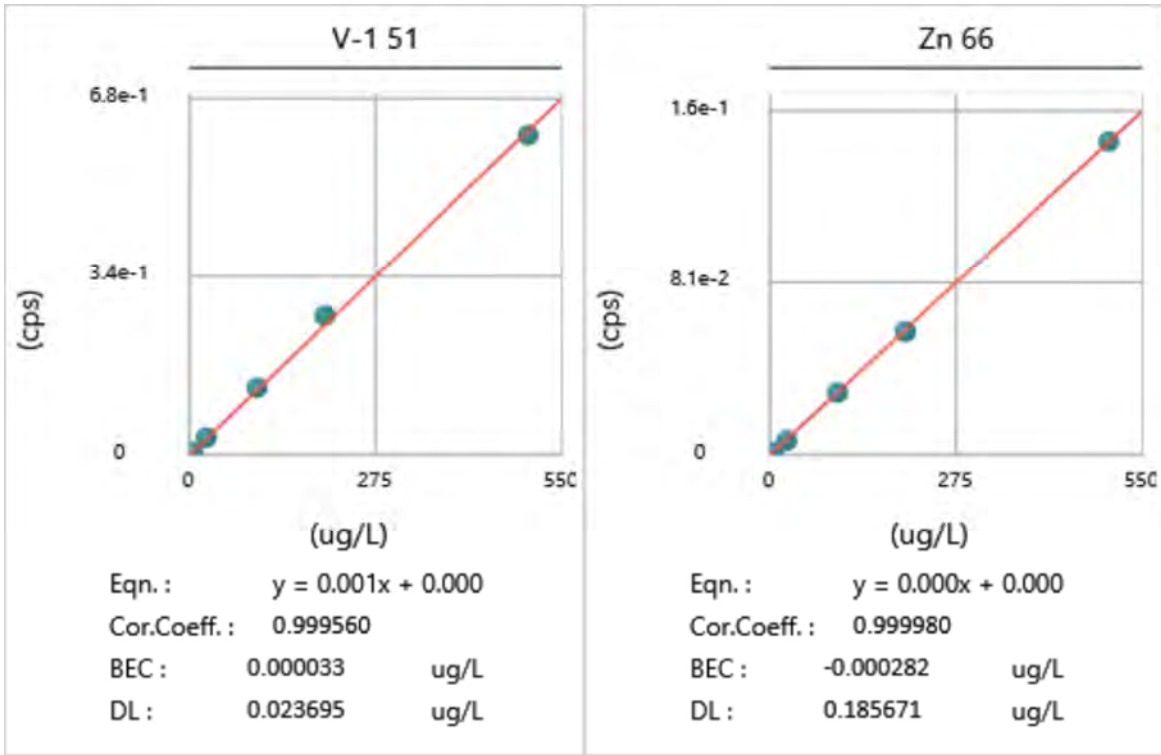














Tunes

SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/25/2022 8:56:49 AM

End Time: 1/25/2022 8:59:10 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 10807.49

Obtained Intensity (Mg 24): 23894.70

Obtained Intensity (In 115): 41743.11

Obtained Intensity (U 238): 38162.18

Obtained Intensity (Bkgd 220): 0.00

Obtained Formula (CeO 156 / Ce 140): 0.015 (=566.81 / 37666.59)

Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=440.01 / 37666.59)

Obtained RSD (Be 9): 0.0066

Obtained RSD (Mg 24): 0.0050

Obtained RSD (In 115): 0.0182

Obtained RSD (U 238): 0.0116

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/25/2022 8:56:49 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.

Intensity Criterion: Be 9 > 2000

Intensity Criterion: Mg 24 > 15000

Intensity Criterion: In 115 > 40000

Intensity Criterion: U 238 > 30000

Intensity Criterion: Bkgd 220 <= 5

Formula Criterion: CeO 156 / Ce 140 <= 0.03

Formula Criterion: Ce++ 70 / Ce 140 <= 0.05

RSD Criterion: Be 9.0122 < 0.05

RSD Criterion: Mg 23.985 < 0.05

RSD Criterion: In 114.904 < 0.05

RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 10807.49

Obtained Intensity (Mg 24): 23894.70

Obtained Intensity (In 115): 41743.11

Obtained Intensity (U 238): 38162.18

Obtained Intensity (Bkgd 220): 0.00

Obtained Formula (CeO 156 / Ce 140): 0.015 (=566.81 / 37666.59)

Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=440.01 / 37666.59)

Obtained RSD (Be 9): 0.0066

Obtained RSD (Mg 24): 0.0050

Obtained RSD (In 115): 0.0182

Obtained RSD (U 238): 0.0116

[Passed] Optimum value(s): N/A

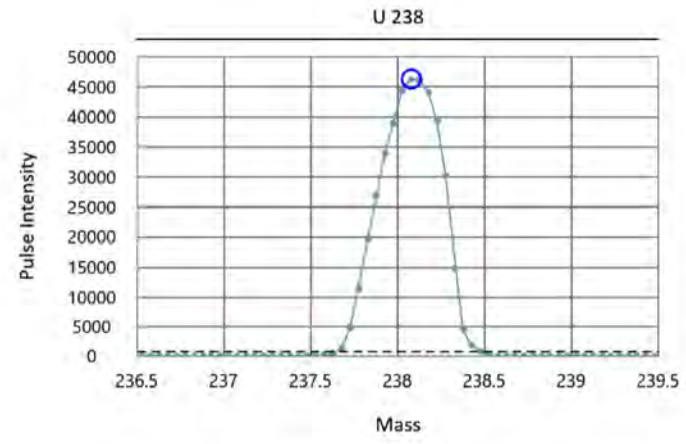
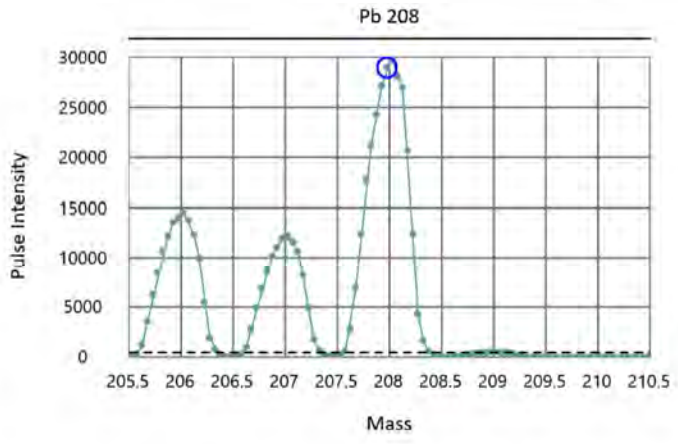
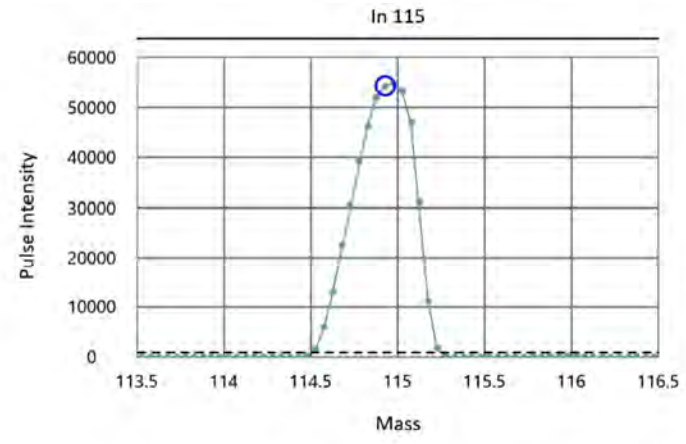
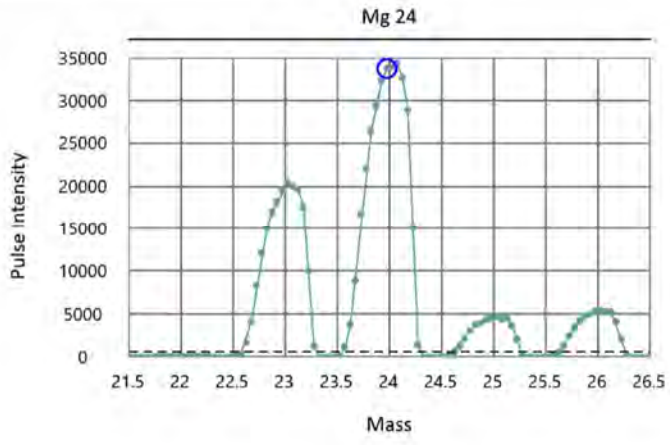
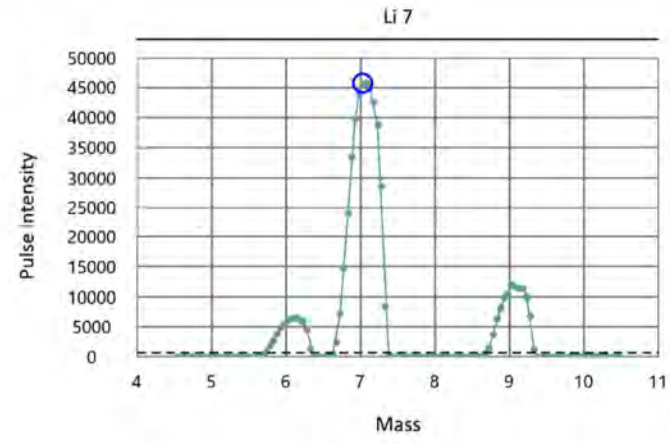
End Time: 1/25/2022 8:59:10 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.692)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.690)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.682)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.741)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.726)

Acq. Date/Time: 1/25/2022 8:29:34 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1322	2022	0.692	
Mg	23.985	23.975	4713	2023	0.690	
In	114.904	114.925	22856	2041	0.682	
Pb	207.977	207.975	41418	2060	0.741	
U	238.05	238.075	47420	2067	0.726	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/26/2022 9:16:11 AM

End Time: 1/26/2022 9:18:32 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 12032.60

Obtained Intensity (Mg 24): 39841.17

Obtained Intensity (In 115): 67704.20

Obtained Intensity (U 238): 63735.56

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.023 (=1674.30 / 72104.92)

Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=785.42 / 72104.92)

Obtained RSD (Be 9): 0.0165

Obtained RSD (Mg 24): 0.0243

Obtained RSD (In 115): 0.0106

Obtained RSD (U 238): 0.0165

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/26/2022 9:16:11 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 12032.60
Obtained Intensity (Mg 24): 39841.17
Obtained Intensity (In 115): 67704.20
Obtained Intensity (U 238): 63735.56
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.023 (=1674.30 / 72104.92)
Obtained Formula (Ce++ 70 / Ce 140): 0.011 (=785.42 / 72104.92)
Obtained RSD (Be 9): 0.0165
Obtained RSD (Mg 24): 0.0243
Obtained RSD (In 115): 0.0106
Obtained RSD (U 238): 0.0165

[Passed] Optimum value(s): N/A

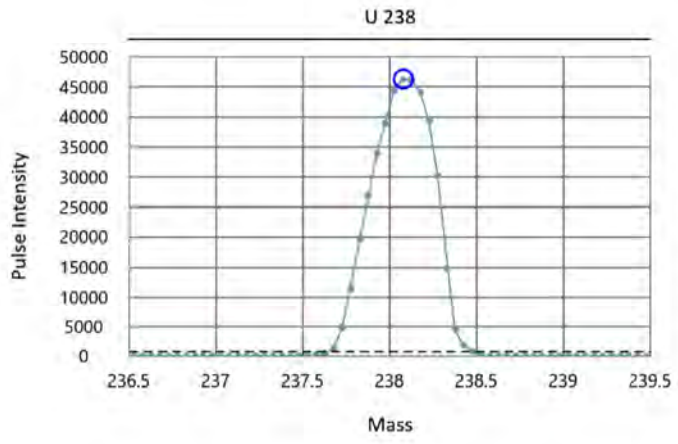
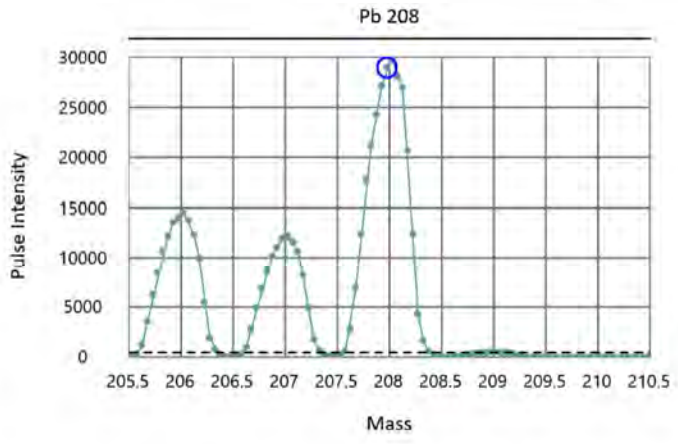
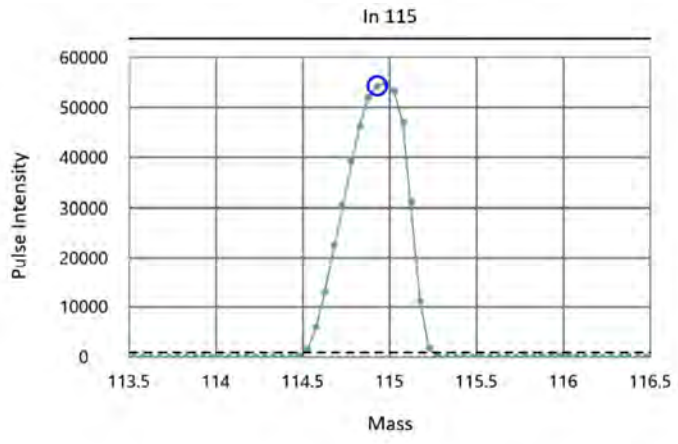
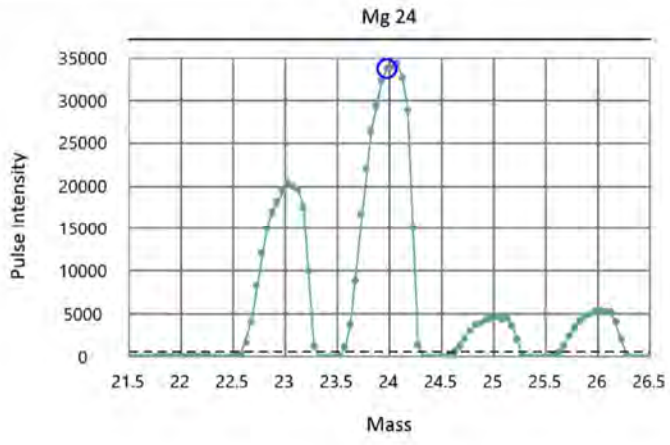
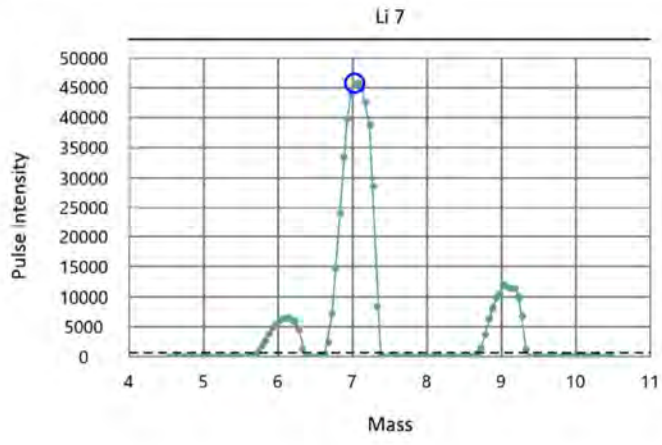
End Time: 1/26/2022 9:18:32 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A
 Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.692)
 Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.690)
 Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.682)
 Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.741)
 Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.726)

Acq. Date/Time: 1/25/2022 8:29:34 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1322	2022	0.692	
Mg	23.985	23.975	4713	2023	0.690	
In	114.904	114.925	22856	2041	0.682	
Pb	207.977	207.975	41418	2060	0.741	
U	238.05	238.075	47420	2067	0.726	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/27/2022 8:56:57 AM

End Time: 1/27/2022 8:59:18 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 9716.84

Obtained Intensity (Mg 24): 33161.72

Obtained Intensity (In 115): 59731.89

Obtained Intensity (U 238): 54388.55

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.017 (=1174.11 / 67294.60)

Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=571.08 / 67294.60)

Obtained RSD (Be 9): 0.0105

Obtained RSD (Mg 24): 0.0119

Obtained RSD (In 115): 0.0064

Obtained RSD (U 238): 0.0119

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/27/2022 8:56:57 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 9716.84
Obtained Intensity (Mg 24): 33161.72
Obtained Intensity (In 115): 59731.89
Obtained Intensity (U 238): 54388.55
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.017 (=1174.11 / 67294.60)
Obtained Formula (Ce++ 70 / Ce 140): 0.008 (=571.08 / 67294.60)
Obtained RSD (Be 9): 0.0105
Obtained RSD (Mg 24): 0.0119
Obtained RSD (In 115): 0.0064
Obtained RSD (U 238): 0.0119

[Passed] Optimum value(s): N/A

End Time: 1/27/2022 8:59:18 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A

Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.701)

Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.704)

Target/Obtained mass (114.904/114.875), Target/Obtained resolution (0.7/0.705)

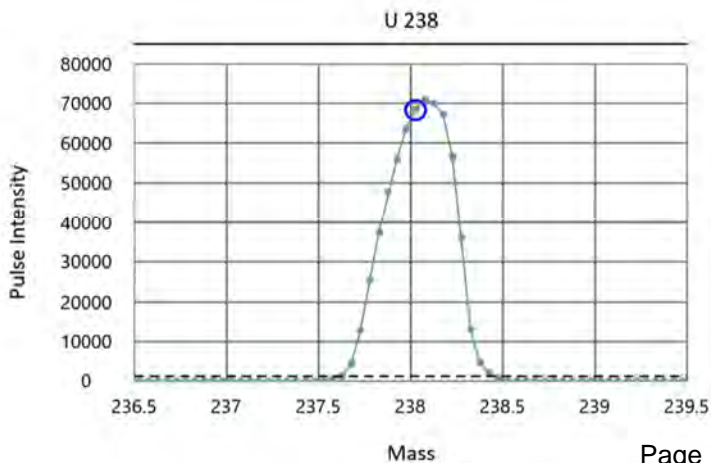
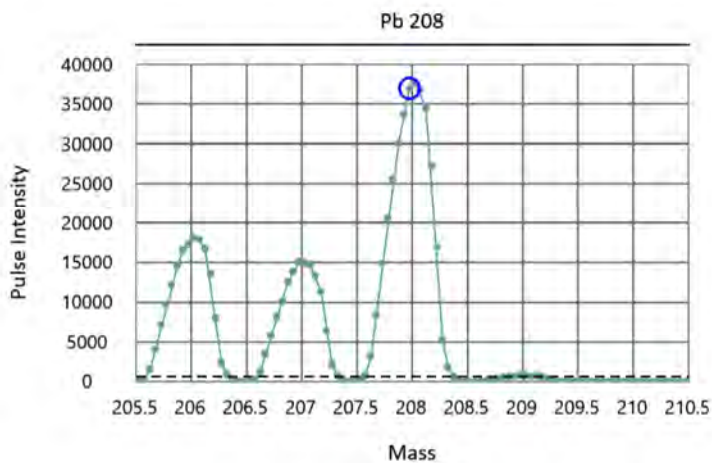
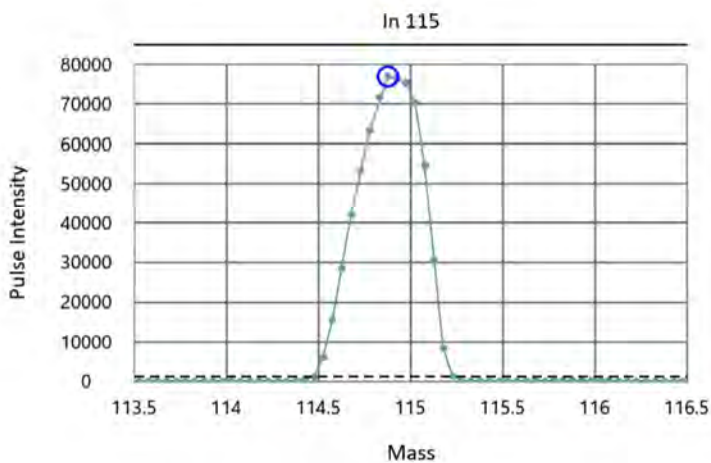
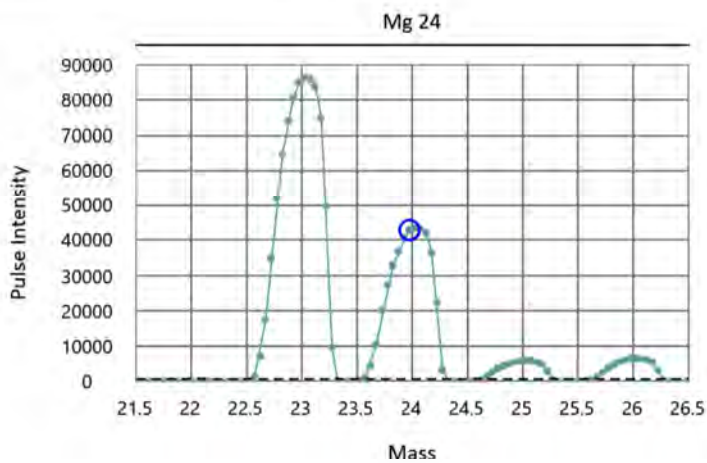
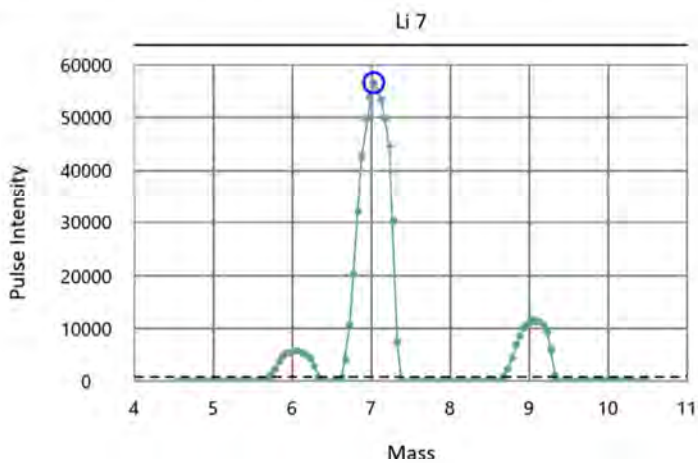
Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.726)

Target/Obtained mass (238.05/238.025), Target/Obtained resolution (0.7/0.738)

Acq. Date/Time: 1/27/2022 8:41:14 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1323	2022	0.701	
Mg	23.985	23.975	4711	2023	0.704	
In	114.904	114.875	22850	2041	0.705	
Pb	207.977	207.975	41417	2060	0.726	
U	238.05	238.025	47415	2067	0.738	



SmartTune Wizard - Summary

Optimization Summary

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Start Time: 1/28/2022 9:54:49 AM

End Time: 1/28/2022 9:57:09 AM

Lab Performance Check - [Passed] Optimum value(s): N/A

Obtained Intensity (Be 9): 12654.94

Obtained Intensity (Mg 24): 40972.82

Obtained Intensity (In 115): 74640.29

Obtained Intensity (U 238): 68244.29

Obtained Intensity (Bkgd 220): 0.03

Obtained Formula (CeO 156 / Ce 140): 0.023 (=1783.91 / 78273.66)

Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=917.10 / 78273.66)

Obtained RSD (Be 9): 0.0085

Obtained RSD (Mg 24): 0.0158

Obtained RSD (In 115): 0.0081

Obtained RSD (U 238): 0.0073

SmartTune Wizard - Details

Optimization Details

SmartTune file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\wizard\SmartTune\FA_SmartTune Daily.swz

Optimization Status

Start Time: 1/28/2022 9:54:49 AM

Lab Performance Check

Optimization Settings:

Method: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\Method\FA_Daily Performance.mth.
Intensity Criterion: Be 9 > 2000
Intensity Criterion: Mg 24 > 15000
Intensity Criterion: In 115 > 40000
Intensity Criterion: U 238 > 30000
Intensity Criterion: Bkgd 220 <= 5
Formula Criterion: CeO 156 / Ce 140 <= 0.03
Formula Criterion: Ce++ 70 / Ce 140 <= 0.05
RSD Criterion: Be 9.0122 < 0.05
RSD Criterion: Mg 23.985 < 0.05
RSD Criterion: In 114.904 < 0.05
RSD Criterion: U 238.05 < 0.05

Optimization Results:

Initial Try

Obtained Intensity (Be 9): 12654.94
Obtained Intensity (Mg 24): 40972.82
Obtained Intensity (In 115): 74640.29
Obtained Intensity (U 238): 68244.29
Obtained Intensity (Bkgd 220): 0.03
Obtained Formula (CeO 156 / Ce 140): 0.023 (=1783.91 / 78273.66)
Obtained Formula (Ce++ 70 / Ce 140): 0.012 (=917.10 / 78273.66)
Obtained RSD (Be 9): 0.0085
Obtained RSD (Mg 24): 0.0158
Obtained RSD (In 115): 0.0081
Obtained RSD (U 238): 0.0073

[Passed] Optimum value(s): N/A

End Time: 1/28/2022 9:57:09 AM

Mass Calibration and Resolution - [Passed] Optimum value(s): N/A

Target/Obtained mass (7.016/7.025), Target/Obtained resolution (0.7/0.701)

Target/Obtained mass (23.985/23.975), Target/Obtained resolution (0.7/0.709)

Target/Obtained mass (114.904/114.925), Target/Obtained resolution (0.7/0.688)

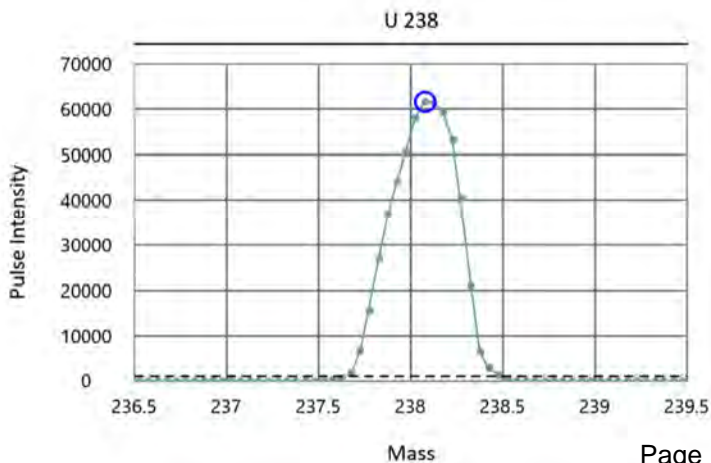
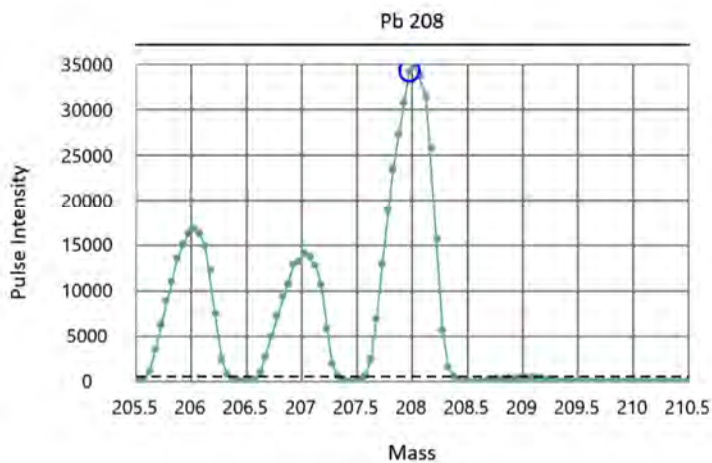
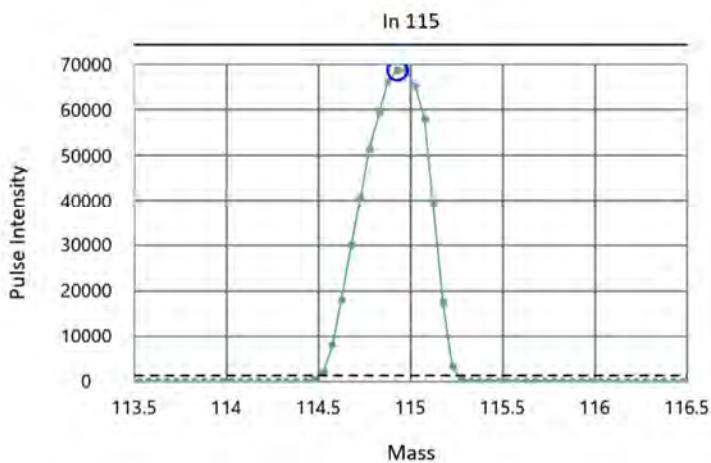
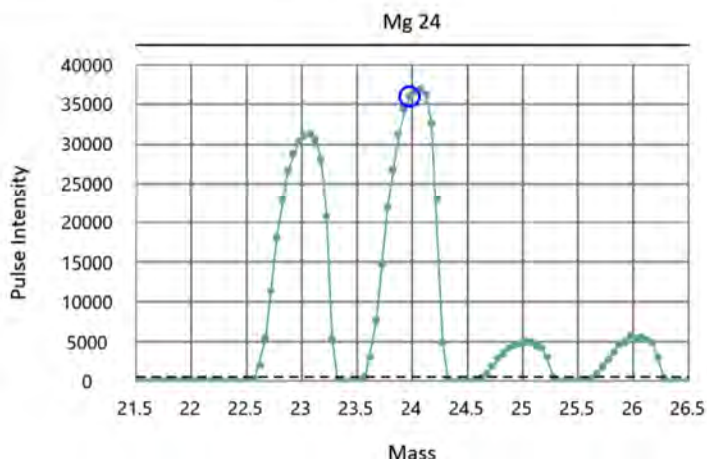
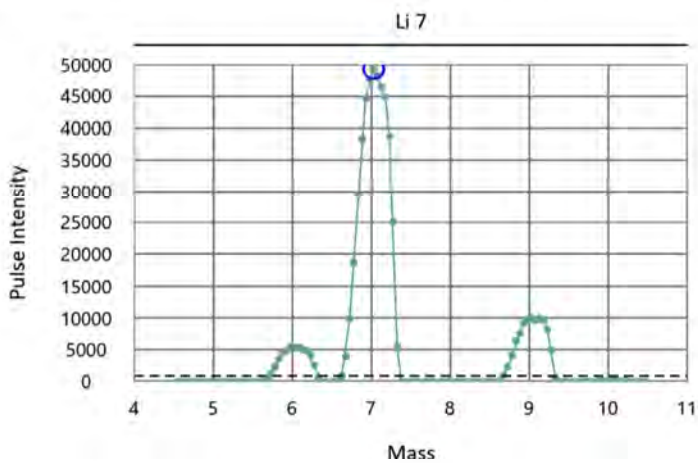
Target/Obtained mass (207.977/207.975), Target/Obtained resolution (0.7/0.719)

Target/Obtained mass (238.05/238.075), Target/Obtained resolution (0.7/0.734)

Acq. Date/Time: 1/28/2022 9:46:27 AM

Sent to file: C:\Users\Public\Documents\PerkinElmer Syngistix\ICPMS\MassCal\Default.tun

Analyte	Exact Mass	Meas. Mass	Mass DAC	Res DAC	Meas. Peak Width	Custom Res
Li	7.016	7.025	1324	2022	0.701	
Mg	23.985	23.975	4709	2023	0.709	
In	114.904	114.925	22854	2041	0.688	
Pb	207.977	207.975	41416	2060	0.719	
U	238.05	238.075	47419	2067	0.734	





3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Shannon & Wilson

Ryan Peterson
400 N. 34th Street, Suite 100
Seattle, WA 98103

RE: 8801 Excavations
Work Order Number: 2208229

August 18, 2022

Attention Ryan Peterson:

Fremont Analytical, Inc. received 14 sample(s) on 8/16/2022 for the analyses presented in the following report.

Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Revision v1

www.fremontanalytical.com



CLIENT: Shannon & Wilson
Project: 8801 Excavations
Work Order: 2208229

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2208229-001	A4-SIDE135:2	08/16/2022 2:25 PM	08/16/2022 5:44 PM
2208229-002	A4-SIDE135:6	08/16/2022 2:28 PM	08/16/2022 5:44 PM
2208229-003	A4-SIDE136:2	08/16/2022 2:35 PM	08/16/2022 5:44 PM
2208229-004	A4-SIDE136:6	08/16/2022 2:45 PM	08/16/2022 5:44 PM
2208229-005	A4-SIDE137:2	08/16/2022 3:00 PM	08/16/2022 5:44 PM
2208229-006	A4-SIDE137:6	08/16/2022 3:45 PM	08/16/2022 5:44 PM
2208229-007	A4-SIDE138:2	08/16/2022 3:50 PM	08/16/2022 5:44 PM
2208229-008	A4-SIDE138:6	08/16/2022 4:00 PM	08/16/2022 5:44 PM
2208229-009	A4-SIDE139:3	08/16/2022 4:10 PM	08/16/2022 5:44 PM
2208229-010	A4-SIDE139:8	08/16/2022 4:25 PM	08/16/2022 5:44 PM
2208229-011	A4-BOT140:8	08/16/2022 4:40 PM	08/16/2022 5:44 PM
2208229-012	A4-BOT141:8	08/16/2022 4:45 PM	08/16/2022 5:44 PM
2208229-013	A4-BOT142:10	08/16/2022 4:55 PM	08/16/2022 5:44 PM
2208229-014	A4-BOT143:8	08/16/2022 5:00 PM	08/16/2022 5:44 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson

Project: 8801 Excavations

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

8/25/2022: Revision 1 includes level 2B data package.

Qualifiers:

- * - Associated LCS is outside of control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Method Detection Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Client: Shannon & Wilson

Collection Date: 8/16/2022 2:25:00 PM

Project: 8801 Excavations

Lab ID: 2208229-001

Matrix: Soil

Client Sample ID: A4-SIDE135:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0437	0.00705		mg/Kg-dry	1	08/17/22 21:32:50
Aroclor 1221	ND	0.0437	0.00705		mg/Kg-dry	1	08/17/22 21:32:50
Aroclor 1232	ND	0.0437	0.00705		mg/Kg-dry	1	08/17/22 21:32:50
Aroclor 1242	ND	0.0437	0.00705		mg/Kg-dry	1	08/17/22 21:32:50
Aroclor 1248	ND	0.0437	0.00869		mg/Kg-dry	1	08/17/22 21:32:50
Aroclor 1254	0.234	0.0437	0.00869		mg/Kg-dry	1	08/17/22 21:32:50
Aroclor 1260	ND	0.0437	0.00869		mg/Kg-dry	1	08/17/22 21:32:50
Aroclor 1262	ND	0.0437	0.00869		mg/Kg-dry	1	08/17/22 21:32:50
Aroclor 1268	ND	0.0437	0.00869		mg/Kg-dry	1	08/17/22 21:32:50
Total PCBs	0.234	0.0437	0.00869		mg/Kg-dry	1	08/17/22 21:32:50
Surr: Decachlorobiphenyl	103	9.77 - 154			%Rec	1	08/17/22 21:32:50
Surr: Tetrachloro-m-xylene	97.7	24.2 - 187			%Rec	1	08/17/22 21:32:50

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	15.7	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson
Project: 8801 Excavations
Lab ID: 2208229-002
Client Sample ID: A4-SIDE135:6

Collection Date: 8/16/2022 2:28:00 PM

Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0465	0.00750		mg/Kg-dry	1	08/17/22 21:42:32
Aroclor 1221	ND	0.0465	0.00750		mg/Kg-dry	1	08/17/22 21:42:32
Aroclor 1232	ND	0.0465	0.00750		mg/Kg-dry	1	08/17/22 21:42:32
Aroclor 1242	ND	0.0465	0.00750		mg/Kg-dry	1	08/17/22 21:42:32
Aroclor 1248	ND	0.0465	0.00925		mg/Kg-dry	1	08/17/22 21:42:32
Aroclor 1254	ND	0.0465	0.00925		mg/Kg-dry	1	08/17/22 21:42:32
Aroclor 1260	ND	0.0465	0.00925		mg/Kg-dry	1	08/17/22 21:42:32
Aroclor 1262	ND	0.0465	0.00925		mg/Kg-dry	1	08/17/22 21:42:32
Aroclor 1268	ND	0.0465	0.00925		mg/Kg-dry	1	08/17/22 21:42:32
Total PCBs	ND	0.0465	0.00925		mg/Kg-dry	1	08/17/22 21:42:32
Surr: Decachlorobiphenyl	103	9.77 - 154			%Rec	1	08/17/22 21:42:32
Surr: Tetrachloro-m-xylene	95.2	24.2 - 187			%Rec	1	08/17/22 21:42:32

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	16.8	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson

Collection Date: 8/16/2022 2:35:00 PM

Project: 8801 Excavations

Lab ID: 2208229-003

Matrix: Soil

Client Sample ID: A4-SIDE136:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0415	0.00669		mg/Kg-dry	1	08/17/22 22:11:46
Aroclor 1221	ND	0.0415	0.00669		mg/Kg-dry	1	08/17/22 22:11:46
Aroclor 1232	ND	0.0415	0.00669		mg/Kg-dry	1	08/17/22 22:11:46
Aroclor 1242	ND	0.0415	0.00669		mg/Kg-dry	1	08/17/22 22:11:46
Aroclor 1248	ND	0.0415	0.00825		mg/Kg-dry	1	08/17/22 22:11:46
Aroclor 1254	0.331	0.0415	0.00825		mg/Kg-dry	1	08/17/22 22:11:46
Aroclor 1260	ND	0.0415	0.00825		mg/Kg-dry	1	08/17/22 22:11:46
Aroclor 1262	ND	0.0415	0.00825		mg/Kg-dry	1	08/17/22 22:11:46
Aroclor 1268	ND	0.0415	0.00825		mg/Kg-dry	1	08/17/22 22:11:46
Total PCBs	0.331	0.0415	0.00825		mg/Kg-dry	1	08/17/22 22:11:46
Surr: Decachlorobiphenyl	102	9.77 - 154			%Rec	1	08/17/22 22:11:46
Surr: Tetrachloro-m-xylene	92.8	24.2 - 187			%Rec	1	08/17/22 22:11:46

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	12.9	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson

Collection Date: 8/16/2022 2:45:00 PM

Project: 8801 Excavations

Lab ID: 2208229-004

Matrix: Soil

Client Sample ID: A4-SIDE136:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0419	0.00675		mg/Kg-dry	1	08/17/22 22:21:30
Aroclor 1221	ND	0.0419	0.00675		mg/Kg-dry	1	08/17/22 22:21:30
Aroclor 1232	ND	0.0419	0.00675		mg/Kg-dry	1	08/17/22 22:21:30
Aroclor 1242	ND	0.0419	0.00675		mg/Kg-dry	1	08/17/22 22:21:30
Aroclor 1248	ND	0.0419	0.00833		mg/Kg-dry	1	08/17/22 22:21:30
Aroclor 1254	0.0839	0.0419	0.00833		mg/Kg-dry	1	08/17/22 22:21:30
Aroclor 1260	ND	0.0419	0.00833		mg/Kg-dry	1	08/17/22 22:21:30
Aroclor 1262	ND	0.0419	0.00833		mg/Kg-dry	1	08/17/22 22:21:30
Aroclor 1268	ND	0.0419	0.00833		mg/Kg-dry	1	08/17/22 22:21:30
Total PCBs	0.0839	0.0419	0.00833		mg/Kg-dry	1	08/17/22 22:21:30
Surr: Decachlorobiphenyl	99.4	9.77 - 154			%Rec	1	08/17/22 22:21:30
Surr: Tetrachloro-m-xylene	93.2	24.2 - 187			%Rec	1	08/17/22 22:21:30

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	13.9	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson

Collection Date: 8/16/2022 3:00:00 PM

Project: 8801 Excavations

Lab ID: 2208229-005

Matrix: Soil

Client Sample ID: A4-SIDE137:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0429	0.00691		mg/Kg-dry	1	08/17/22 22:31:15
Aroclor 1221	ND	0.0429	0.00691		mg/Kg-dry	1	08/17/22 22:31:15
Aroclor 1232	ND	0.0429	0.00691		mg/Kg-dry	1	08/17/22 22:31:15
Aroclor 1242	ND	0.0429	0.00691		mg/Kg-dry	1	08/17/22 22:31:15
Aroclor 1248	ND	0.0429	0.00852		mg/Kg-dry	1	08/17/22 22:31:15
Aroclor 1254	0.231	0.0429	0.00852		mg/Kg-dry	1	08/17/22 22:31:15
Aroclor 1260	ND	0.0429	0.00852		mg/Kg-dry	1	08/17/22 22:31:15
Aroclor 1262	ND	0.0429	0.00852		mg/Kg-dry	1	08/17/22 22:31:15
Aroclor 1268	ND	0.0429	0.00852		mg/Kg-dry	1	08/17/22 22:31:15
Total PCBs	0.231	0.0429	0.00852		mg/Kg-dry	1	08/17/22 22:31:15
Surr: Decachlorobiphenyl	95.2	9.77 - 154			%Rec	1	08/17/22 22:31:15
Surr: Tetrachloro-m-xylene	95.1	24.2 - 187			%Rec	1	08/17/22 22:31:15

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	12.0	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson
Project: 8801 Excavations
Lab ID: 2208229-006
Client Sample ID: A4-SIDE137:6

Collection Date: 8/16/2022 3:45:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463 Analyst: OK

Aroclor 1016	ND	0.0496	0.00800		mg/Kg-dry	1	08/17/22 22:41:02
Aroclor 1221	ND	0.0496	0.00800		mg/Kg-dry	1	08/17/22 22:41:02
Aroclor 1232	ND	0.0496	0.00800		mg/Kg-dry	1	08/17/22 22:41:02
Aroclor 1242	ND	0.0496	0.00800		mg/Kg-dry	1	08/17/22 22:41:02
Aroclor 1248	ND	0.0496	0.00986		mg/Kg-dry	1	08/17/22 22:41:02
Aroclor 1254	0.0453	0.0496	0.00986	J	mg/Kg-dry	1	08/17/22 22:41:02
Aroclor 1260	ND	0.0496	0.00986		mg/Kg-dry	1	08/17/22 22:41:02
Aroclor 1262	ND	0.0496	0.00986		mg/Kg-dry	1	08/17/22 22:41:02
Aroclor 1268	ND	0.0496	0.00986		mg/Kg-dry	1	08/17/22 22:41:02
Total PCBs	0.0453	0.0496	0.00986	J	mg/Kg-dry	1	08/17/22 22:41:02
Surr: Decachlorobiphenyl	96.3	9.77 - 154			%Rec	1	08/17/22 22:41:02
Surr: Tetrachloro-m-xylene	92.7	24.2 - 187			%Rec	1	08/17/22 22:41:02

Sample Moisture (Percent Moisture)

Batch ID: R77582 Analyst: AP

Percent Moisture	26.5	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson

Collection Date: 8/16/2022 3:50:00 PM

Project: 8801 Excavations

Lab ID: 2208229-007

Matrix: Soil

Client Sample ID: A4-SIDE138:2

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0401	0.00646		mg/Kg-dry	1	08/17/22 22:50:50
Aroclor 1221	ND	0.0401	0.00646		mg/Kg-dry	1	08/17/22 22:50:50
Aroclor 1232	ND	0.0401	0.00646		mg/Kg-dry	1	08/17/22 22:50:50
Aroclor 1242	ND	0.0401	0.00646		mg/Kg-dry	1	08/17/22 22:50:50
Aroclor 1248	ND	0.0401	0.00797		mg/Kg-dry	1	08/17/22 22:50:50
Aroclor 1254	0.212	0.0401	0.00797		mg/Kg-dry	1	08/17/22 22:50:50
Aroclor 1260	ND	0.0401	0.00797		mg/Kg-dry	1	08/17/22 22:50:50
Aroclor 1262	ND	0.0401	0.00797		mg/Kg-dry	1	08/17/22 22:50:50
Aroclor 1268	ND	0.0401	0.00797		mg/Kg-dry	1	08/17/22 22:50:50
Total PCBs	0.212	0.0401	0.00797		mg/Kg-dry	1	08/17/22 22:50:50
Surr: Decachlorobiphenyl	98.1	9.77 - 154			%Rec	1	08/17/22 22:50:50
Surr: Tetrachloro-m-xylene	99.3	24.2 - 187			%Rec	1	08/17/22 22:50:50

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	12.3	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson

Collection Date: 8/16/2022 4:00:00 PM

Project: 8801 Excavations

Lab ID: 2208229-008

Matrix: Soil

Client Sample ID: A4-SIDE138:6

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0483	0.00779		mg/Kg-dry	1	08/17/22 23:00:33
Aroclor 1221	ND	0.0483	0.00779		mg/Kg-dry	1	08/17/22 23:00:33
Aroclor 1232	ND	0.0483	0.00779		mg/Kg-dry	1	08/17/22 23:00:33
Aroclor 1242	ND	0.0483	0.00779		mg/Kg-dry	1	08/17/22 23:00:33
Aroclor 1248	ND	0.0483	0.00961		mg/Kg-dry	1	08/17/22 23:00:33
Aroclor 1254	0.0292	0.0483	0.00961	J	mg/Kg-dry	1	08/17/22 23:00:33
Aroclor 1260	ND	0.0483	0.00961		mg/Kg-dry	1	08/17/22 23:00:33
Aroclor 1262	ND	0.0483	0.00961		mg/Kg-dry	1	08/17/22 23:00:33
Aroclor 1268	ND	0.0483	0.00961		mg/Kg-dry	1	08/17/22 23:00:33
Total PCBs	0.0292	0.0483	0.00961	J	mg/Kg-dry	1	08/17/22 23:00:33
Surr: Decachlorobiphenyl	104	9.77 - 154			%Rec	1	08/17/22 23:00:33
Surr: Tetrachloro-m-xylene	103	24.2 - 187			%Rec	1	08/17/22 23:00:33

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	16.7	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson

Collection Date: 8/16/2022 4:10:00 PM

Project: 8801 Excavations

Lab ID: 2208229-009

Matrix: Soil

Client Sample ID: A4-SIDE139:3

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0384	0.00618		mg/Kg-dry	1	08/17/22 23:10:16
Aroclor 1221	ND	0.0384	0.00618		mg/Kg-dry	1	08/17/22 23:10:16
Aroclor 1232	ND	0.0384	0.00618		mg/Kg-dry	1	08/17/22 23:10:16
Aroclor 1242	ND	0.0384	0.00618		mg/Kg-dry	1	08/17/22 23:10:16
Aroclor 1248	ND	0.0384	0.00763		mg/Kg-dry	1	08/17/22 23:10:16
Aroclor 1254	0.0431	0.0384	0.00763		mg/Kg-dry	1	08/17/22 23:10:16
Aroclor 1260	ND	0.0384	0.00763		mg/Kg-dry	1	08/17/22 23:10:16
Aroclor 1262	ND	0.0384	0.00763		mg/Kg-dry	1	08/17/22 23:10:16
Aroclor 1268	ND	0.0384	0.00763		mg/Kg-dry	1	08/17/22 23:10:16
Total PCBs	0.0431	0.0384	0.00763		mg/Kg-dry	1	08/17/22 23:10:16
Surr: Decachlorobiphenyl	99.5	9.77 - 154			%Rec	1	08/17/22 23:10:16
Surr: Tetrachloro-m-xylene	94.8	24.2 - 187			%Rec	1	08/17/22 23:10:16

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	12.7	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson

Collection Date: 8/16/2022 4:25:00 PM

Project: 8801 Excavations

Lab ID: 2208229-010

Matrix: Soil

Client Sample ID: A4-SIDE139:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0385	0.00621		mg/Kg-dry	1	08/17/22 23:19:59
Aroclor 1221	ND	0.0385	0.00621		mg/Kg-dry	1	08/17/22 23:19:59
Aroclor 1232	ND	0.0385	0.00621		mg/Kg-dry	1	08/17/22 23:19:59
Aroclor 1242	ND	0.0385	0.00621		mg/Kg-dry	1	08/17/22 23:19:59
Aroclor 1248	ND	0.0385	0.00766		mg/Kg-dry	1	08/17/22 23:19:59
Aroclor 1254	0.656	0.0385	0.00766		mg/Kg-dry	1	08/17/22 23:19:59
Aroclor 1260	ND	0.0385	0.00766		mg/Kg-dry	1	08/17/22 23:19:59
Aroclor 1262	ND	0.0385	0.00766		mg/Kg-dry	1	08/17/22 23:19:59
Aroclor 1268	ND	0.0385	0.00766		mg/Kg-dry	1	08/17/22 23:19:59
Total PCBs	0.656	0.0385	0.00766		mg/Kg-dry	1	08/17/22 23:19:59
Surr: Decachlorobiphenyl	94.9	9.77 - 154			%Rec	1	08/17/22 23:19:59
Surr: Tetrachloro-m-xylene	93.3	24.2 - 187			%Rec	1	08/17/22 23:19:59

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	12.4	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson

Collection Date: 8/16/2022 4:40:00 PM

Project: 8801 Excavations

Lab ID: 2208229-011

Matrix: Soil

Client Sample ID: A4-BOT140:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0454	0.00732		mg/Kg-dry	1	08/17/22 23:29:44
Aroclor 1221	ND	0.0454	0.00732		mg/Kg-dry	1	08/17/22 23:29:44
Aroclor 1232	ND	0.0454	0.00732		mg/Kg-dry	1	08/17/22 23:29:44
Aroclor 1242	ND	0.0454	0.00732		mg/Kg-dry	1	08/17/22 23:29:44
Aroclor 1248	ND	0.0454	0.00903		mg/Kg-dry	1	08/17/22 23:29:44
Aroclor 1254	0.0498	0.0454	0.00903		mg/Kg-dry	1	08/17/22 23:29:44
Aroclor 1260	ND	0.0454	0.00903		mg/Kg-dry	1	08/17/22 23:29:44
Aroclor 1262	ND	0.0454	0.00903		mg/Kg-dry	1	08/17/22 23:29:44
Aroclor 1268	ND	0.0454	0.00903		mg/Kg-dry	1	08/17/22 23:29:44
Total PCBs	0.0498	0.0454	0.00903		mg/Kg-dry	1	08/17/22 23:29:44
Surr: Decachlorobiphenyl	103	9.77 - 154			%Rec	1	08/17/22 23:29:44
Surr: Tetrachloro-m-xylene	102	24.2 - 187			%Rec	1	08/17/22 23:29:44

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	20.0	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson

Collection Date: 8/16/2022 4:45:00 PM

Project: 8801 Excavations

Lab ID: 2208229-012

Matrix: Soil

Client Sample ID: A4-BOT141:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0416	0.00670		mg/Kg-dry	1	08/17/22 23:39:31
Aroclor 1221	ND	0.0416	0.00670		mg/Kg-dry	1	08/17/22 23:39:31
Aroclor 1232	ND	0.0416	0.00670		mg/Kg-dry	1	08/17/22 23:39:31
Aroclor 1242	ND	0.0416	0.00670		mg/Kg-dry	1	08/17/22 23:39:31
Aroclor 1248	ND	0.0416	0.00826		mg/Kg-dry	1	08/17/22 23:39:31
Aroclor 1254	0.273	0.0416	0.00826		mg/Kg-dry	1	08/17/22 23:39:31
Aroclor 1260	ND	0.0416	0.00826		mg/Kg-dry	1	08/17/22 23:39:31
Aroclor 1262	ND	0.0416	0.00826		mg/Kg-dry	1	08/17/22 23:39:31
Aroclor 1268	ND	0.0416	0.00826		mg/Kg-dry	1	08/17/22 23:39:31
Total PCBs	0.273	0.0416	0.00826		mg/Kg-dry	1	08/17/22 23:39:31
Surr: Decachlorobiphenyl	99.9	9.77 - 154			%Rec	1	08/17/22 23:39:31
Surr: Tetrachloro-m-xylene	97.3	24.2 - 187			%Rec	1	08/17/22 23:39:31

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	14.5	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson

Collection Date: 8/16/2022 4:55:00 PM

Project: 8801 Excavations

Lab ID: 2208229-013

Matrix: Soil

Client Sample ID: A4-BOT142:10

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0451	0.00726		mg/Kg-dry	1	08/17/22 23:49:14
Aroclor 1221	ND	0.0451	0.00726		mg/Kg-dry	1	08/17/22 23:49:14
Aroclor 1232	ND	0.0451	0.00726		mg/Kg-dry	1	08/17/22 23:49:14
Aroclor 1242	ND	0.0451	0.00726		mg/Kg-dry	1	08/17/22 23:49:14
Aroclor 1248	ND	0.0451	0.00896		mg/Kg-dry	1	08/17/22 23:49:14
Aroclor 1254	0.661	0.0451	0.00896		mg/Kg-dry	1	08/17/22 23:49:14
Aroclor 1260	ND	0.0451	0.00896		mg/Kg-dry	1	08/17/22 23:49:14
Aroclor 1262	ND	0.0451	0.00896		mg/Kg-dry	1	08/17/22 23:49:14
Aroclor 1268	ND	0.0451	0.00896		mg/Kg-dry	1	08/17/22 23:49:14
Total PCBs	0.661	0.0451	0.00896		mg/Kg-dry	1	08/17/22 23:49:14
Surr: Decachlorobiphenyl	99.6	9.77 - 154			%Rec	1	08/17/22 23:49:14
Surr: Tetrachloro-m-xylene	91.7	24.2 - 187			%Rec	1	08/17/22 23:49:14

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	15.6	0.500	0.100		wt%	1	08/17/22 11:35:09
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Client: Shannon & Wilson

Collection Date: 8/16/2022 5:00:00 PM

Project: 8801 Excavations

Lab ID: 2208229-014

Matrix: Soil

Client Sample ID: A4-BOT143:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0427	0.00688		mg/Kg-dry	1	08/17/22 23:58:57
Aroclor 1221	ND	0.0427	0.00688		mg/Kg-dry	1	08/17/22 23:58:57
Aroclor 1232	ND	0.0427	0.00688		mg/Kg-dry	1	08/17/22 23:58:57
Aroclor 1242	ND	0.0427	0.00688		mg/Kg-dry	1	08/17/22 23:58:57
Aroclor 1248	ND	0.0427	0.00848		mg/Kg-dry	1	08/17/22 23:58:57
Aroclor 1254	ND	0.0427	0.00848		mg/Kg-dry	1	08/17/22 23:58:57
Aroclor 1260	ND	0.0427	0.00848		mg/Kg-dry	1	08/17/22 23:58:57
Aroclor 1262	ND	0.0427	0.00848		mg/Kg-dry	1	08/17/22 23:58:57
Aroclor 1268	ND	0.0427	0.00848		mg/Kg-dry	1	08/17/22 23:58:57
Total PCBs	ND	0.0427	0.00848		mg/Kg-dry	1	08/17/22 23:58:57
Surr: Decachlorobiphenyl	100	9.77 - 154			%Rec	1	08/17/22 23:58:57
Surr: Tetrachloro-m-xylene	93.7	24.2 - 187			%Rec	1	08/17/22 23:58:57

Sample Moisture (Percent Moisture)

Batch ID: R77582

Analyst: AP

Percent Moisture	12.8	0.500	0.100		wt%	1	08/17/22 11:35:09
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Work Order: 2208229
 CLIENT: Shannon & Wilson
 Project: 8801 Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: PCB ICB	SampType: ICB	Units: mg/Kg	Prep Date: 4/14/2022	RunNo: 75092							
Client ID: ICB	Batch ID: R75092		Analysis Date: 4/14/2022	SeqNo: 1540495							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	167		200.0		83.7	50.2	159				
Surr: Tetrachloro-m-xylene	179		200.0		89.4	60.3	134				

Sample ID: PCB ICV	SampType: ICV	Units: mg/Kg	Prep Date: 4/14/2022	RunNo: 75092							
Client ID: ICV	Batch ID: R75092		Analysis Date: 4/14/2022	SeqNo: 1540496							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.991	0.0500	1.000	0	99.1	80	120				
Aroclor 1260	0.987	0.0500	1.000	0	98.7	80	120				
Surr: Decachlorobiphenyl	206		200.0		103	30.2	155				
Surr: Tetrachloro-m-xylene	196		200.0		98.2	58.8	143				

Sample ID: 1660-CCV-37463A	SampType: CCV	Units: mg/Kg	Prep Date: 8/17/2022	RunNo: 77597							
Client ID: CCV	Batch ID: 37463		Analysis Date: 8/17/2022	SeqNo: 1593964							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.04	0.0500	1.000	0	104	80	120				
Aroclor 1260	0.990	0.0500	1.000	0	99.0	80	120				
Surr: Decachlorobiphenyl	180		200.0		90.2	30.2	155				
Surr: Tetrachloro-m-xylene	182		200.0		90.8	58.8	143				

Work Order: 2208229
 CLIENT: Shannon & Wilson
 Project: 8801 Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-37463	SampType: MBLK	Units: mg/Kg	Prep Date: 8/17/2022	RunNo: 77597							
Client ID: MBLKS	Batch ID: 37463	Analysis Date: 8/17/2022	SeqNo: 1593965								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	206		200.0		103	9.77	154				
Surr: Tetrachloro-m-xylene	194		200.0		96.8	24.2	187				

Sample ID: LCS-37463	SampType: LCS	Units: mg/Kg	Prep Date: 8/17/2022	RunNo: 77597							
Client ID: LCSS	Batch ID: 37463	Analysis Date: 8/17/2022	SeqNo: 1593966								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.04	0.0500	1.000	0	104	75.7	162				
Aroclor 1260	0.957	0.0500	1.000	0	95.7	57.8	183				
Surr: Decachlorobiphenyl	202		200.0		101	9.77	154				
Surr: Tetrachloro-m-xylene	189		200.0		94.5	24.2	187				

Sample ID: 2208229-002AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 8/17/2022	RunNo: 77597							
Client ID: A4-SIDE135:6	Batch ID: 37463	Analysis Date: 8/17/2022	SeqNo: 1593969								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.934	0.0439	0.8777	0	106	55.6	188				
Aroclor 1260	0.899	0.0439	0.8777	0	102	54.5	178				
Surr: Decachlorobiphenyl	180		175.5		102	9.77	154				
Surr: Tetrachloro-m-xylene	168		175.5		95.6	24.2	187				

Work Order: 2208229
CLIENT: Shannon & Wilson
Project: 8801 Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2208229-002AMSD	SampType: MSD	Units: mg/Kg-dry			Prep Date: 8/17/2022	RunNo: 77597					
Client ID: A4-SIDE135:6	Batch ID: 37463				Analysis Date: 8/17/2022	SeqNo: 1593970					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.881	0.0450	0.9007	0	97.8	55.6	188	0.9336	5.80	30	
Aroclor 1260	0.851	0.0450	0.9007	0	94.5	54.5	178	0.8992	5.48	30	
Surr: Decachlorobiphenyl	171		180.1		94.7	9.77	154		0		
Surr: Tetrachloro-m-xylene	152		180.1		84.1	24.2	187		0		

Sample ID: 1660-CCV-37463B	SampType: CCV	Units: mg/Kg			Prep Date: 8/18/2022	RunNo: 77597					
Client ID: CCV	Batch ID: 37463				Analysis Date: 8/18/2022	SeqNo: 1593983					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.999	0.0500	1.000	0	99.9	80	120				
Aroclor 1260	1.00	0.0500	1.000	0	100	80	120				
Surr: Decachlorobiphenyl	193		200.0		96.5	30.2	155				
Surr: Tetrachloro-m-xylene	168		200.0		83.9	58.8	143				

Client Name: SW

Work Order Number: 2208229

Logged by: Clare Griggs

Date Received: 8/16/2022 5:44:00 PM

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >2°C to 6°C * Yes No NA
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Sample	5.0

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 8/16/2022 Page: 1 of 2

Laboratory Project No (Internal): 2208229

Project Name: 8801 from Excavations

Project No: 103485-019

Collected by: Ryan Peterson

Location: Therule, WA

Report To (PM): Ryan Peterson

PM Email: Ryan.Peterson@sharwil.com

Sample Disposal: Return to client Disposal by lab (after 30 days)

Client: Sharon Wilson
Address: 400 N. 24th Street, Suite 100
City, State, Zip: Seattle, WA, 98108
Telephone:
Fax:

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCS (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCS (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) Dissolved (D)	Anions (CI)***	EDB (8011)	Comments
1 AY-SIDE135:2	8/16/22	1425	Soil	1													
2 AY-SIDE135:6		1428															
3 AY-SIDE136:2		1435															
4 AY-SIDE136:6		1445															
5 AY-SIDE137:2		1530															
6 AY-SIDE137:6		1545															
7 AY-SIDE138:2		1552															
8 AY-SIDE138:6		1600															
9 AY-SIDE139:3		1610															
10 AY-SIDE139:8		1625															

Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water
 **Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Tl Tl V Zn
 ***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite
 I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature) [Signature] Print Name John Peterson Date/Time 8/16/22 17:44
 Received (Signature) [Signature] Print Name John Peterson Date/Time 8/16/22 17:44

Relinquished (Signature) [Signature] Print Name John Peterson Date/Time 8/16/22 17:44
 Received (Signature) [Signature] Print Name John Peterson Date/Time 8/16/22 17:44

DATA SET for Review - Deliverable Requirements

Polychlorinated Biphenyls (PCB) by EPA 8082

Fremont Analytical Work Order No. 2208229

Shannon & Wilson

Project Name: 8801- Excavations

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information

Data Directory: D:\GC-25\Data\220413\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 041305.D 1660	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 03:39 pm
2) 041306.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 03:54 pm
3) 041307.D 1660	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:04 pm
4) 041308.D 1254	PCB_GC25_PEST_190228.M	7	1.000	14 Apr 2022 04:14 pm
5) 041309.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:23 pm
6) 041310.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:33 pm
7) 041311.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:43 pm
8) 041312.D PCB 8	PCB_GC25_PEST_190228.M	101	1.000	14 Apr 2022 04:53 pm
9) 041313.D PCB 20	PCB_GC25_PEST_190228.M	102	1.000	14 Apr 2022 05:03 pm
10) 041314.D PCB 50	PCB_GC25_PEST_190228.M	103	1.000	14 Apr 2022 05:13 pm
11) 041315.D PCB 100	PCB_GC25_PEST_190228.M	104	1.000	14 Apr 2022 05:22 pm
12) 041316.D PCB 200	PCB_GC25_PEST_190228.M	105	1.000	14 Apr 2022 05:32 pm
13) 041317.D PCB 500	PCB_GC25_PEST_190228.M	106	1.000	14 Apr 2022 05:42 pm
14) 041318.D PCB 1000	PCB_GC25_PEST_190228.M	107	1.000	14 Apr 2022 05:52 pm
15) 041319.D PCB 2000	PCB_GC25_PEST_190228.M	108	1.000	14 Apr 2022 06:01 pm
16) 041320.D PCB ICB	PCB_GC25_PEST_190228.M	109	1.000	14 Apr 2022 06:11 pm
17) 041321.D PCB ICV	PCB_GC25_PEST_190228.M	110	1.000	14 Apr 2022 06:21 pm
18) 041322.D PCB 1221	PCB_GC25_PEST_190228.M	111	1.000	14 Apr 2022 06:31 pm
19) 041323.D PCB 1232	PCB_GC25_PEST_190228.M	112	1.000	14 Apr 2022 06:41 pm
20) 041324.D PCB 1242	PCB_GC25_PEST_190228.M	113	1.000	14 Apr 2022 06:50 pm
21) 041325.D PCB 1248	PCB_GC25_PEST_190228.M	114	1.000	14 Apr 2022 07:00 pm

22)	041326.D	PCB_GC25_PEST_190228.M					
PCB 1254			115	1.000	14 Apr 2022	07:10 pm	

23)	041327.D	PCB_GC25_PEST_190228.M					
PCB 1262			116	1.000	14 Apr 2022	07:20 pm	

24)	041328.D	PCB_GC25_PEST_190228.M					
PCB 1268			117	1.000	14 Apr 2022	07:30 pm	

25)	042902.D	PCB_GC25_PEST_190228.M					
1660			150	1.000	29 Apr 2022	08:57 am	

Data Directory: D:\GC-25\Data\220817\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 081701.D CO	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022 09:04 am
2) 081702.D PRIMER	PCB_GC25_PEST_190228.M	1	1.000	17 Aug 2022 09:14 am
3) 081703.D DEG CHECK	PCB_GC25_PEST_190228.M	2	1.000	17 Aug 2022 09:23 am
4) 081704.D PEST CCV	PCB_GC25_PEST_190228.M	3	1.000	17 Aug 2022 09:33 am
5) 081705.D TOX CCV	PCB_GC25_PEST_190228.M	4	1.000	17 Aug 2022 09:43 am
6) 081706.D CHLOR CCV	PCB_GC25_PEST_190228.M	5	1.000	17 Aug 2022 09:52 am
7) 081707.D MB-37437	PCB_GC25_PEST_190228.M	11	1.000	17 Aug 2022 10:11 am
8) 081708.D LCS1-37437	PCB_GC25_PEST_190228.M	12	1.000	17 Aug 2022 10:21 am
9) 081709.D LCS2-37437	PCB_GC25_PEST_190228.M	13	1.000	17 Aug 2022 10:30 am
10) 081710.D LCS3-37437	PCB_GC25_PEST_190228.M	31	1.000	17 Aug 2022 10:40 am
11) 081711.D 2208165-001A	PCB_GC25_PEST_190228.M	14	1.000	17 Aug 2022 10:50 am
12) 081712.D CO	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022 10:59 am
13) 081713.D 2208166-001A	PCB_GC25_PEST_190228.M	15	1.000	17 Aug 2022 11:09 am
14) 081714.D 2208166-002A	PCB_GC25_PEST_190228.M	16	1.000	17 Aug 2022 11:19 am
15) 081715.D CO	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022 11:29 am
16) 081716.D 2208172-001A	PCB_GC25_PEST_190228.M	17	1.000	17 Aug 2022 11:38 am
17) 081717.D 2208172-002A	PCB_GC25_PEST_190228.M	18	1.000	17 Aug 2022 11:48 am
18) 081718.D 2208172-003A	PCB_GC25_PEST_190228.M	19	1.000	17 Aug 2022 11:58 am
19) 081719.D CO	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022 12:07 pm
20) 081720.D 2208172-005A	PCB_GC25_PEST_190228.M	20	1.000	17 Aug 2022 12:17 pm
21) 081721.D CO	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022 12:27 pm

22)	081722.D	PCB_GC25_PEST_190228.M	21	1.000	17 Aug 2022	12:37 pm
	2208172-006A					
23)	081723.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	12:46 pm
	CO					
24)	081724.D	PCB_GC25_PEST_190228.M	22	1.000	17 Aug 2022	12:56 pm
	2208172-007A					
25)	081725.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	01:06 pm
	CO					
26)	081726.D	PCB_GC25_PEST_190228.M	23	1.000	17 Aug 2022	01:16 pm
	2208172-009A					
27)	081727.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	01:25 pm
	CO					
28)	081728.D	PCB_GC25_PEST_190228.M	24	1.000	17 Aug 2022	01:35 pm
	2208172-010A					
29)	081729.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	01:45 pm
	CO					
30)	081730.D	PCB_GC25_PEST_190228.M	25	1.000	17 Aug 2022	01:55 pm
	2208172-011A					
31)	081731.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	02:04 pm
	CO					
32)	081732.D	PCB_GC25_PEST_190228.M	26	1.000	17 Aug 2022	02:14 pm
	2208172-013A					
33)	081733.D	PCB_GC25_PEST_190228.M	27	1.000	17 Aug 2022	02:24 pm
	2208172-014A					
34)	081734.D	PCB_GC25_PEST_190228.M	28	1.000	17 Aug 2022	02:33 pm
	2208172-015A					
35)	081735.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	02:43 pm
	CO					
36)	081736.D	PCB_GC25_PEST_190228.M	29	1.000	17 Aug 2022	02:53 pm
	2208172-015AMS					
37)	081737.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	03:03 pm
	CO					
38)	081738.D	PCB_GC25_PEST_190228.M	30	1.000	17 Aug 2022	03:12 pm
	2208172-015AMSD					
39)	081739.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	03:22 pm
	CO					
40)	081740.D	PCB_GC25_PEST_190228.M	3	1.000	17 Aug 2022	03:32 pm
	PEST CCV					
41)	081741.D	PCB_GC25_PEST_190228.M	4	1.000	17 Aug 2022	03:42 pm
	TOX CCV					
42)	081742.D	PCB_GC25_PEST_190228.M	5	1.000	17 Aug 2022	03:51 pm
	CHLOR CCV					
43)	081743.D	PCB_GC25_PEST_190228.M	3	1.000	17 Aug 2022	04:01 pm
	PEST CCV					
44)	081744.D	PCB_GC25_PEST_190228.M	3	1.000	17 Aug 2022	04:11 pm
	PEST CCV					
45)	081745.D	PCB_GC25_PEST_190228.M				

NO			150	1.000	17 Aug 2022	04:21	pm
46)	081746.D 1660-CCV-tfm	PCB_GC25_PEST_190228.M	149	1.000	17 Aug 2022	04:45	pm
47)	081747.D MB-37433	PCB_GC25_PEST_190228.M	77	1.000	17 Aug 2022	05:19	pm
48)	081748.D LCS-37433	PCB_GC25_PEST_190228.M	78	1.000	17 Aug 2022	05:29	pm
49)	081749.D 2208037-001A	PCB_GC25_PEST_190228.M	79	1.000	17 Aug 2022	05:38	pm
50)	081750.D 2208037-002A	PCB_GC25_PEST_190228.M	80	1.000	17 Aug 2022	05:48	pm
51)	081751.D 2208037-003A	PCB_GC25_PEST_190228.M	81	1.000	17 Aug 2022	05:58	pm
52)	081752.D 2208037-004A	PCB_GC25_PEST_190228.M	82	1.000	17 Aug 2022	06:08	pm
53)	081753.D 2208158-002A	PCB_GC25_PEST_190228.M	83	1.000	17 Aug 2022	06:17	pm
54)	081754.D 2208158-003A	PCB_GC25_PEST_190228.M	84	1.000	17 Aug 2022	06:27	pm
55)	081755.D 2208158-004A	PCB_GC25_PEST_190228.M	85	1.000	17 Aug 2022	06:37	pm
56)	081756.D 2208158-005A	PCB_GC25_PEST_190228.M	86	1.000	17 Aug 2022	06:47	pm
57)	081757.D 2208158-006A	PCB_GC25_PEST_190228.M	87	1.000	17 Aug 2022	06:56	pm
58)	081758.D 2208158-006AMS	PCB_GC25_PEST_190228.M	88	1.000	17 Aug 2022	07:06	pm
59)	081759.D 2208158-006AMSD	PCB_GC25_PEST_190228.M	89	1.000	17 Aug 2022	07:16	pm
60)	081760.D 2208158-007A	PCB_GC25_PEST_190228.M	90	1.000	17 Aug 2022	07:26	pm
61)	081761.D 2208158-008A	PCB_GC25_PEST_190228.M	91	1.000	17 Aug 2022	07:36	pm
62)	081762.D 2208158-009A	PCB_GC25_PEST_190228.M	92	1.000	17 Aug 2022	07:45	pm
63)	081763.D 2208165-001A	PCB_GC25_PEST_190228.M	93	1.000	17 Aug 2022	07:55	pm
64)	081764.D 2208166-001A	PCB_GC25_PEST_190228.M	94	1.000	17 Aug 2022	08:05	pm
65)	081765.D 2208166-002A	PCB_GC25_PEST_190228.M	95	1.000	17 Aug 2022	08:14	pm
66)	081766.D 2208184-002A	PCB_GC25_PEST_190228.M	96	1.000	17 Aug 2022	08:24	pm
67)	081767.D 2208184-003A	PCB_GC25_PEST_190228.M	97	1.000	17 Aug 2022	08:34	pm
68)	081768.D 2208184-005A	PCB_GC25_PEST_190228.M	98	1.000	17 Aug 2022	08:44	pm

69) 081769.D 2208184-006A	PCB_GC25_PEST_190228.M	99	1.000	17 Aug 2022	08:53 pm
70) 081770.D 2208184-007A	PCB_GC25_PEST_190228.M	100	1.000	17 Aug 2022	09:03 pm
71) 081771.D MB-37463	PCB_GC25_PEST_190228.M	33	1.000	17 Aug 2022	09:13 pm
72) 081772.D LCS-37463	PCB_GC25_PEST_190228.M	34	1.000	17 Aug 2022	09:23 pm
73) 081773.D 2208229-001A	PCB_GC25_PEST_190228.M	35	1.000	17 Aug 2022	09:32 pm
74) 081774.D 2208229-002A	PCB_GC25_PEST_190228.M	36	1.000	17 Aug 2022	09:42 pm
75) 081775.D 2208229-002AMS	PCB_GC25_PEST_190228.M	37	1.000	17 Aug 2022	09:52 pm
76) 081776.D 2208229-002AMSD	PCB_GC25_PEST_190228.M	38	1.000	17 Aug 2022	10:01 pm
77) 081777.D 2208229-003A	PCB_GC25_PEST_190228.M	39	1.000	17 Aug 2022	10:11 pm
78) 081778.D 2208229-004A	PCB_GC25_PEST_190228.M	40	1.000	17 Aug 2022	10:21 pm
79) 081779.D 2208229-005A	PCB_GC25_PEST_190228.M	41	1.000	17 Aug 2022	10:31 pm
80) 081780.D 2208229-006A	PCB_GC25_PEST_190228.M	42	1.000	17 Aug 2022	10:41 pm
81) 081781.D 2208229-007A	PCB_GC25_PEST_190228.M	43	1.000	17 Aug 2022	10:50 pm
82) 081782.D 2208229-008A	PCB_GC25_PEST_190228.M	44	1.000	17 Aug 2022	11:00 pm
83) 081783.D 2208229-009A	PCB_GC25_PEST_190228.M	45	1.000	17 Aug 2022	11:10 pm
84) 081784.D 2208229-010A	PCB_GC25_PEST_190228.M	46	1.000	17 Aug 2022	11:19 pm
85) 081785.D 2208229-011A	PCB_GC25_PEST_190228.M	47	1.000	17 Aug 2022	11:29 pm
86) 081786.D 2208229-012A	PCB_GC25_PEST_190228.M	48	1.000	17 Aug 2022	11:39 pm
87) 081787.D 2208229-013A	PCB_GC25_PEST_190228.M	49	1.000	17 Aug 2022	11:49 pm
88) 081788.D 2208229-014A	PCB_GC25_PEST_190228.M	50	1.000	17 Aug 2022	11:58 pm
89) 081789.D CO	PCB_GC25_PEST_190228.M	149	1.000	18 Aug 2022	12:08 am
90) 081790.D CO	PCB_GC25_PEST_190228.M	149	1.000	18 Aug 2022	12:18 am
91) 081791.D CO	PCB_GC25_PEST_190228.M	149	1.000	18 Aug 2022	12:28 am



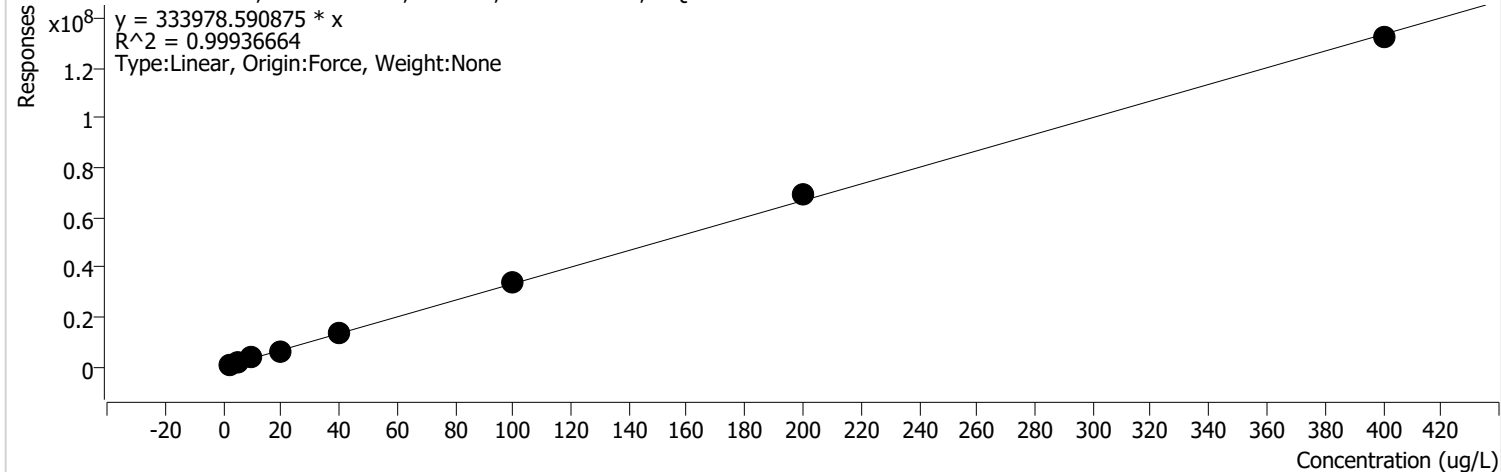
Calibration

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:33 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE =

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



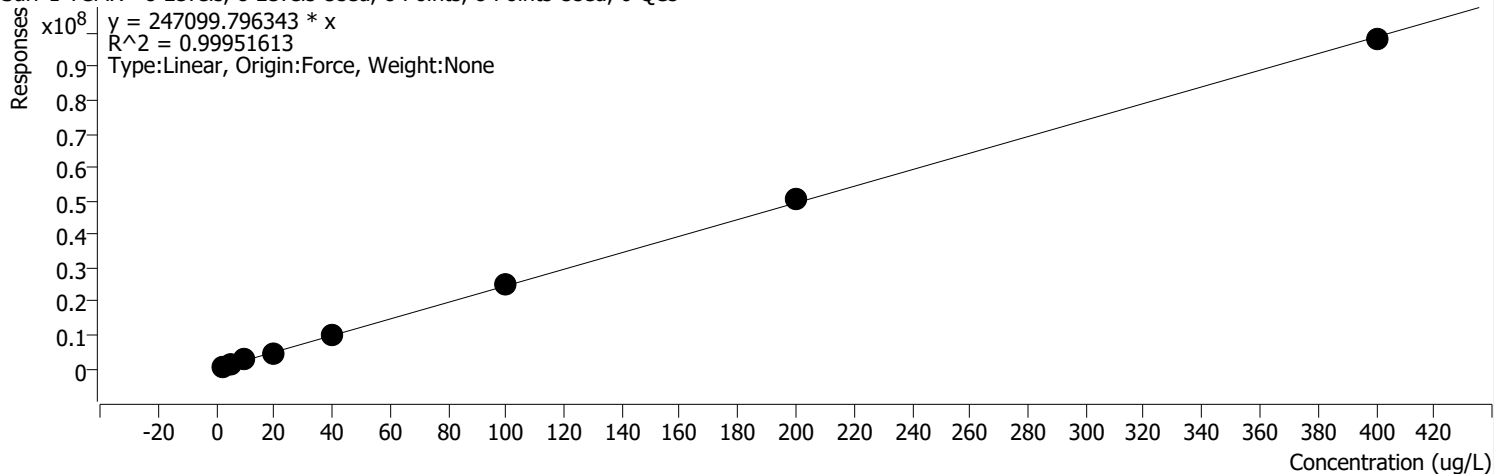
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	1002645	2.5000	401057.8 477	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	1479594	5.0000	295918.7 555	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	4013955	10.0000	401395.5 101	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	5800560	20.0000	290027.9 938	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	13242000	40.0000	331050.0 118	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	34407320	100.0000	344073.2 038	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	69115366	200.0000	345576.8 289	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	132219389	400.0000	330548.4 713	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin		
Analysis Time	4/29/2022 3:22 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX %RSE =

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

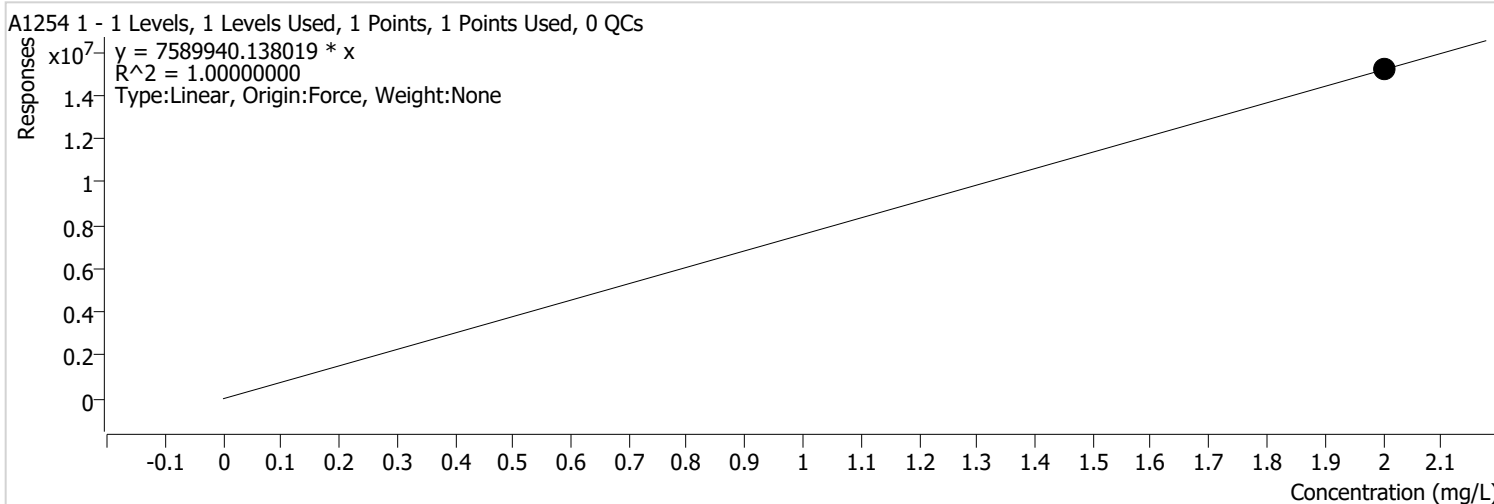


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	732682	2.5000	293072.6 236	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	1097830	5.0000	219566.0 924	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	2963908	10.0000	296390.7 661	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	4267578	20.0000	213378.9 026	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	9689080	40.0000	242226.9 948	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	25213582	100.0000	252135.8 231	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	50933338	200.0000	254666.6 921	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	97999220	400.0000	244998.0 505	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE =



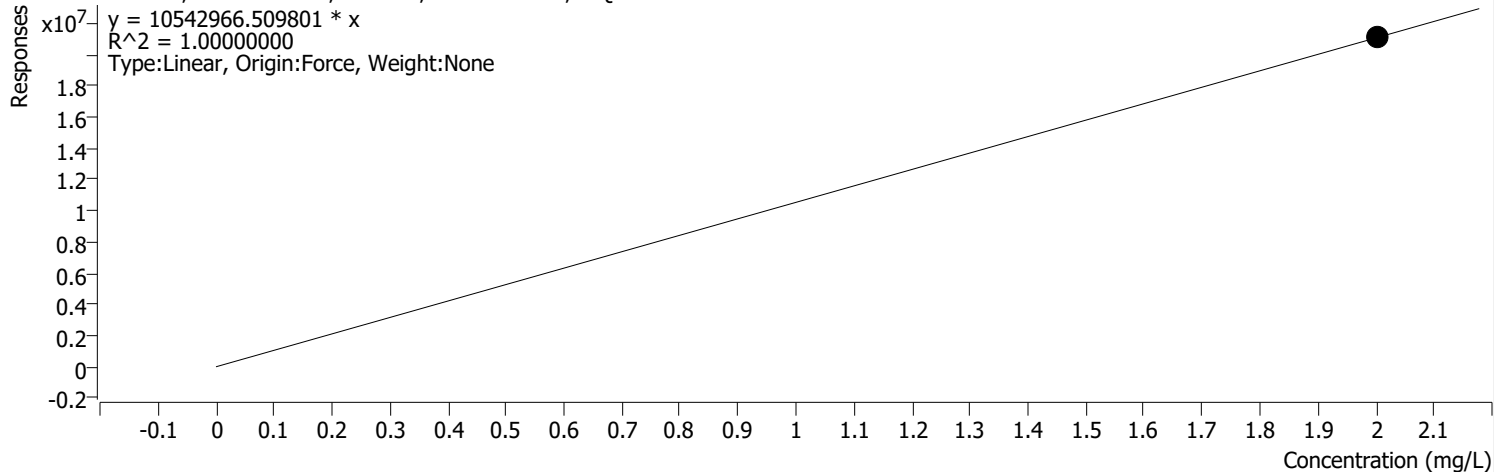
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	15179880	2.0000	7589940.1380	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin		
Analysis Time	4/29/2022 3:22 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 2 %RSE =

A1254 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



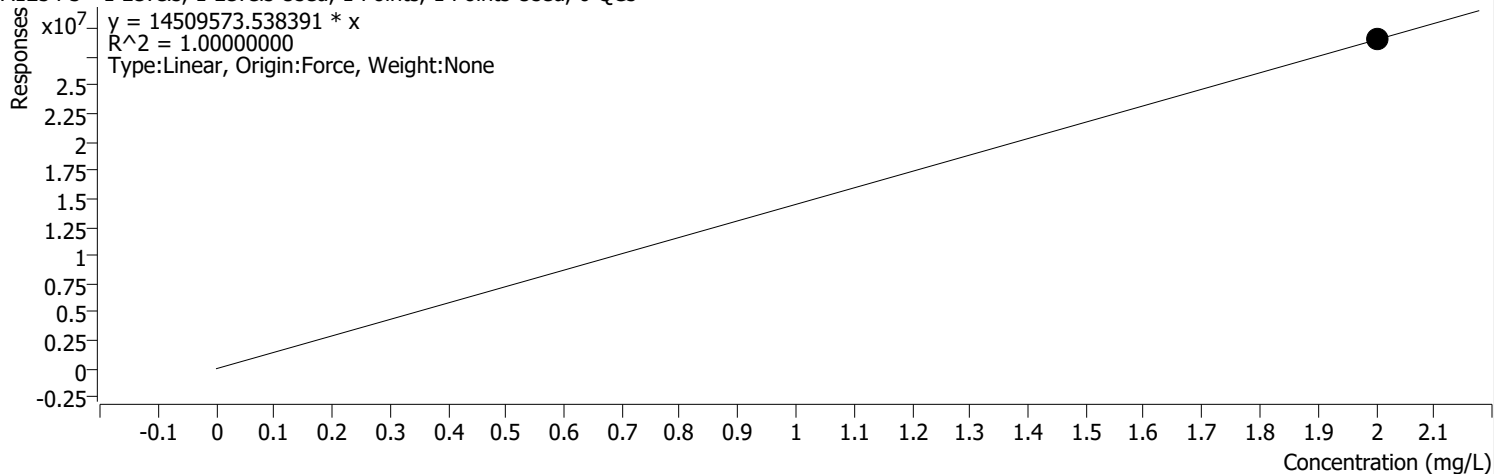
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	21085933	2.0000	10542966.5098	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE =

A1254 3 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs

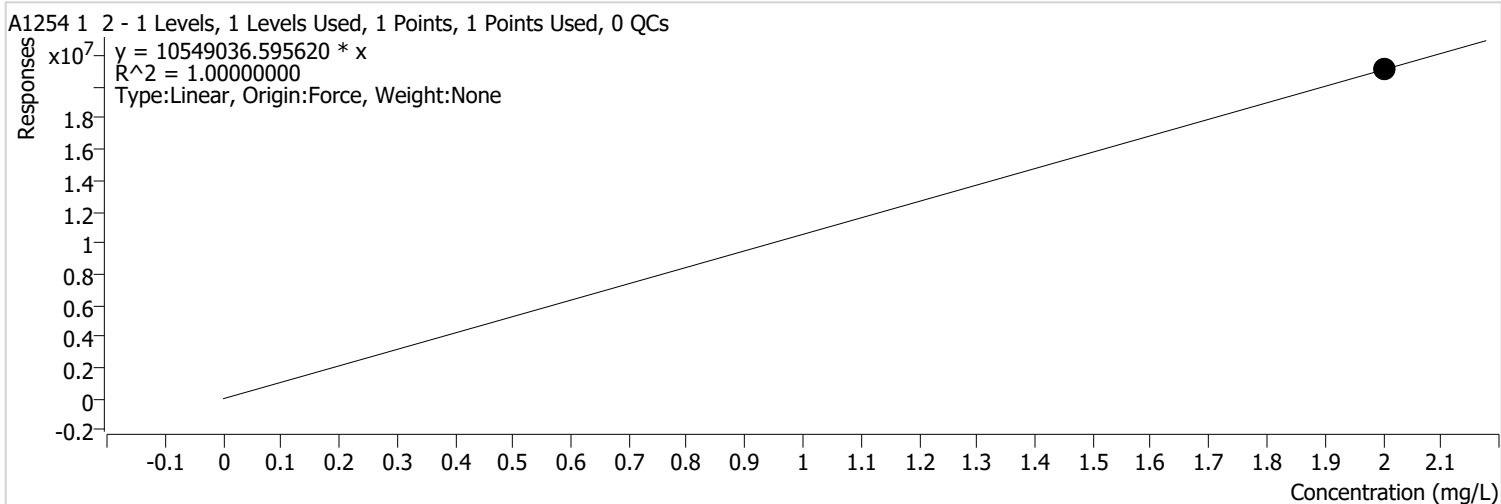


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	29019147	2.0000	14509573.5384	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 2 %RSE =



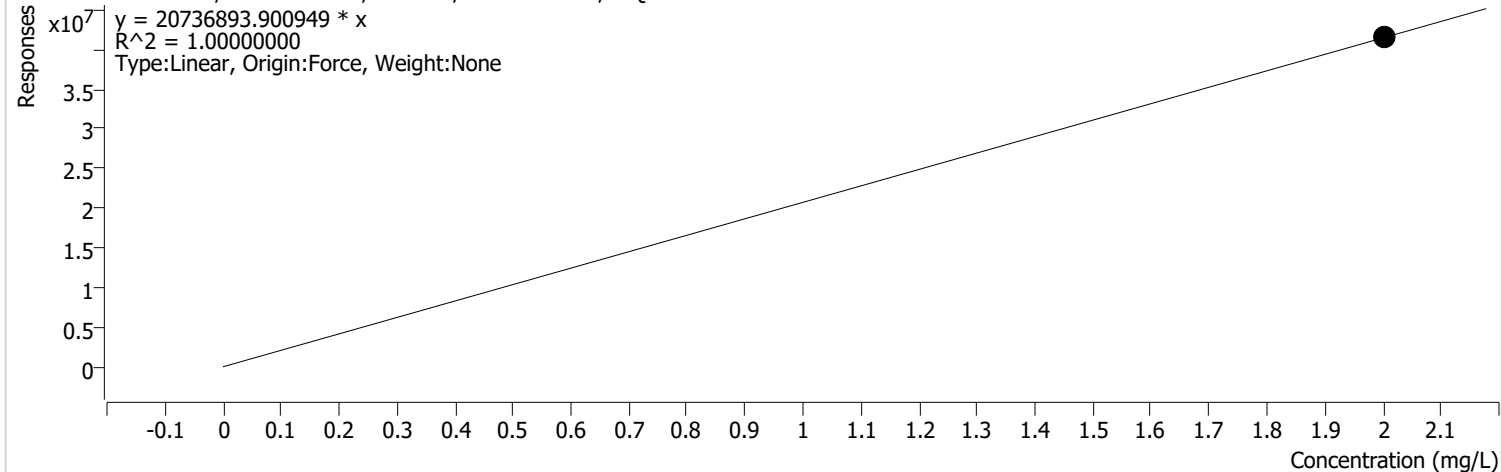
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	21098073	2.0000	10549036.5956	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 2 %RSE =

A1254 2 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



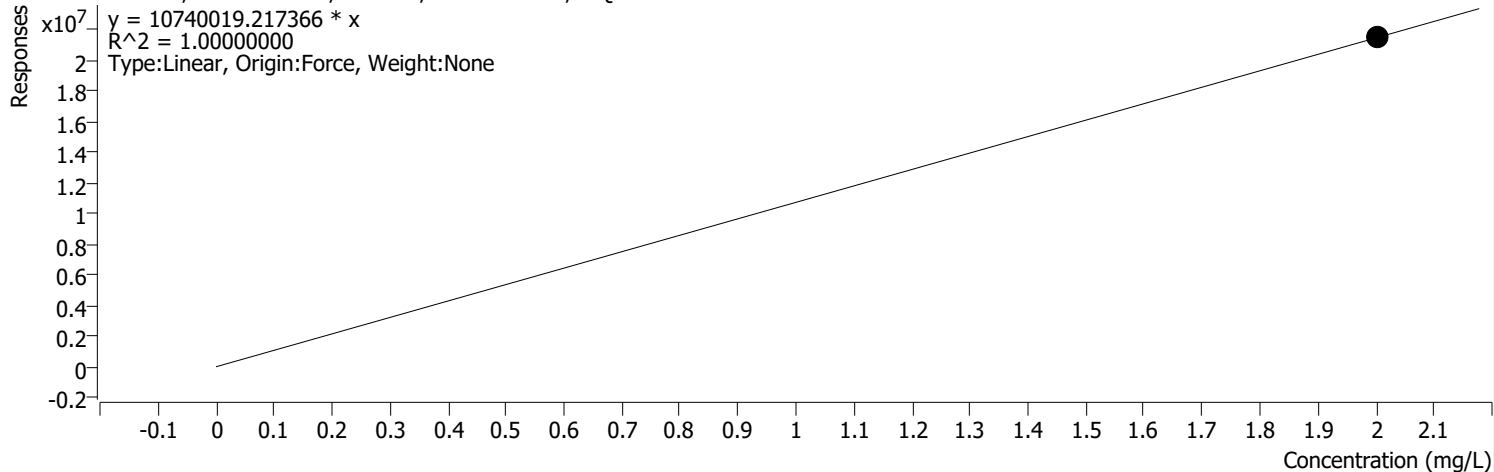
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	41473788	2.0000	20736893 .9009	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 %RSE =

A1254 4 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs

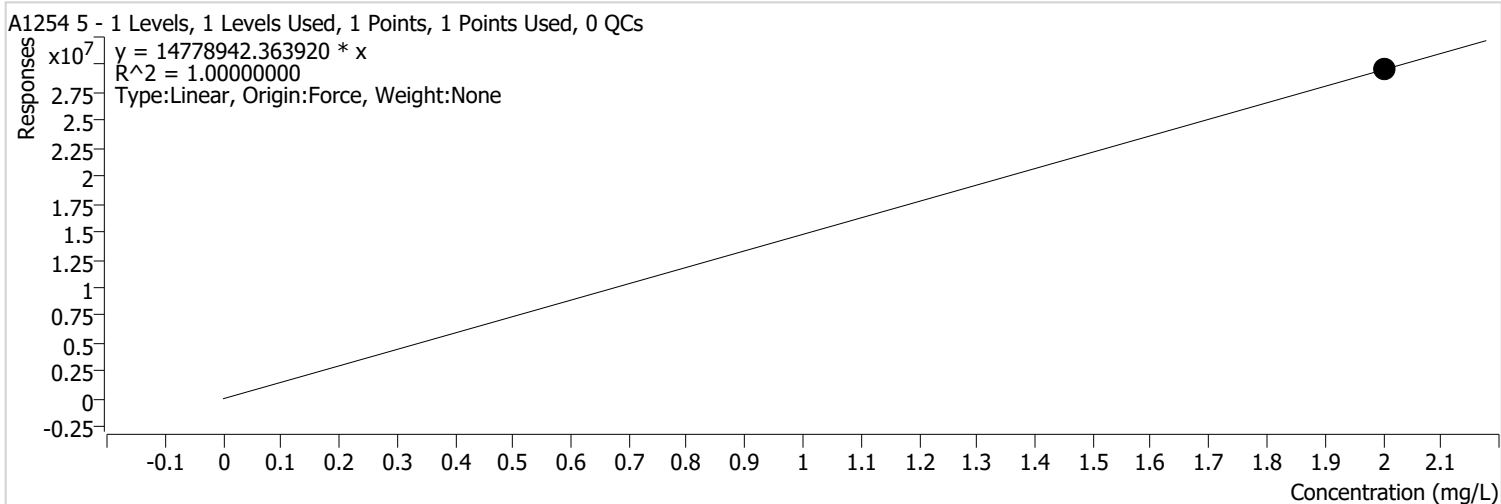


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	21480038	2.0000	10740019.2174	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE =



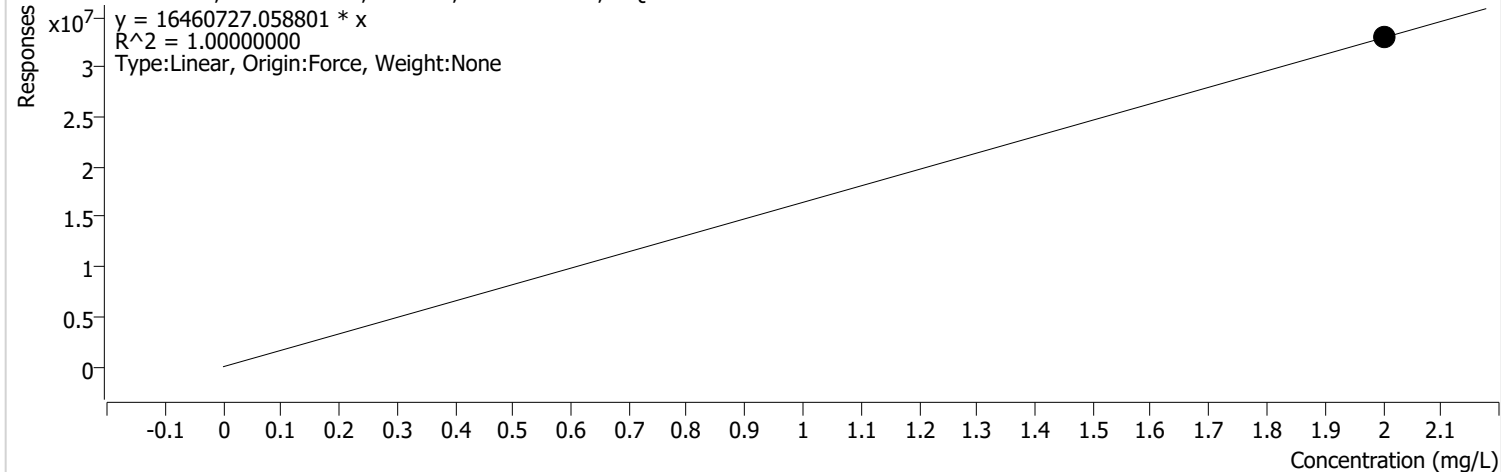
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	29557885	2.0000	14778942.3639	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 2 %RSE =

A1254 3 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



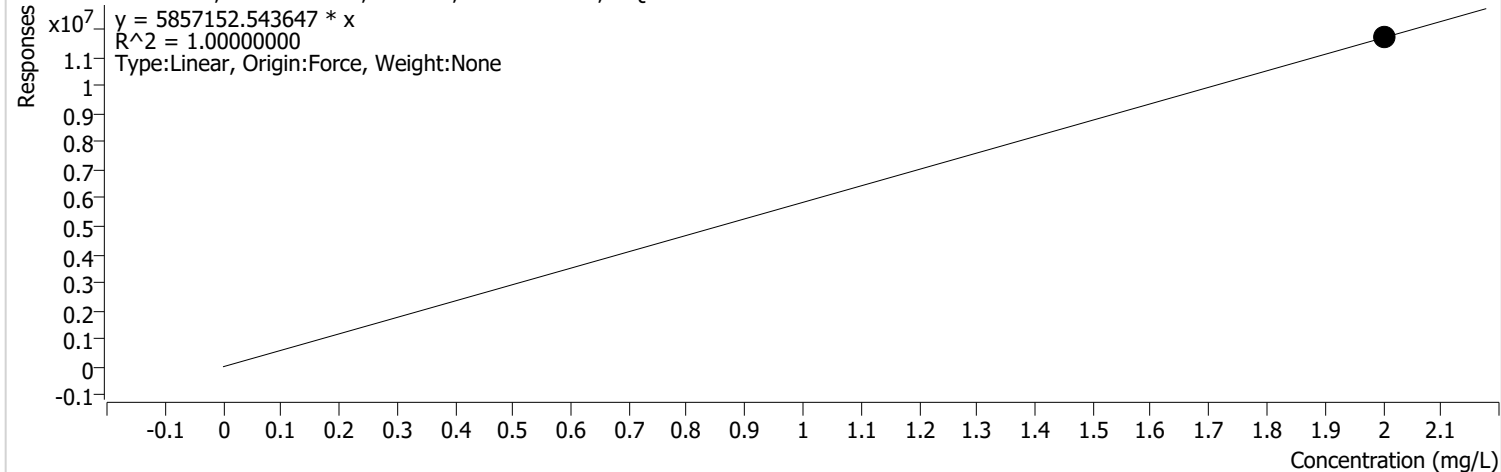
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	32921454	2.0000	16460727.0588	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 2 %RSE =

A1254 4 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



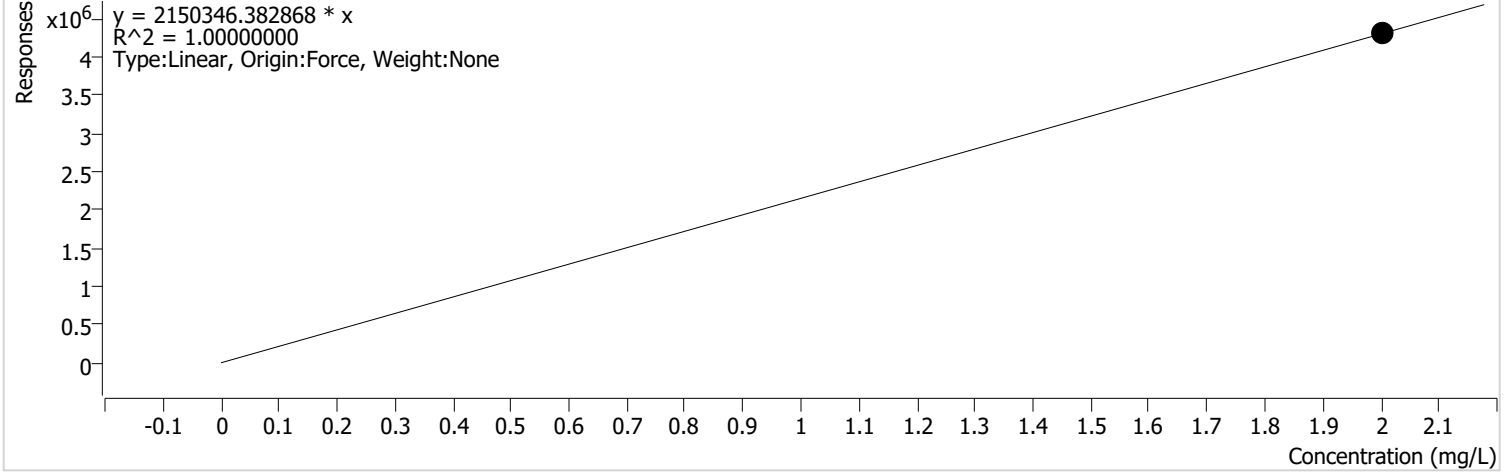
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	11714305	2.0000	5857152.5436	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin		
Analysis Time	4/29/2022 3:22 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 5 2 %RSE =

A1254 5 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



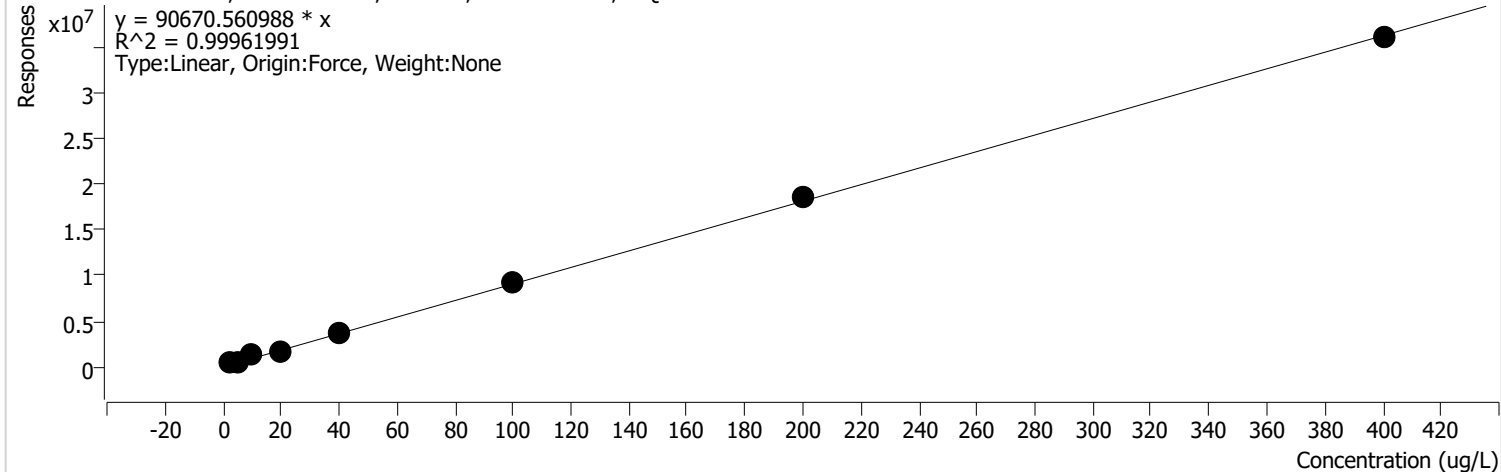
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	4300693	2.0000	2150346.3829	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



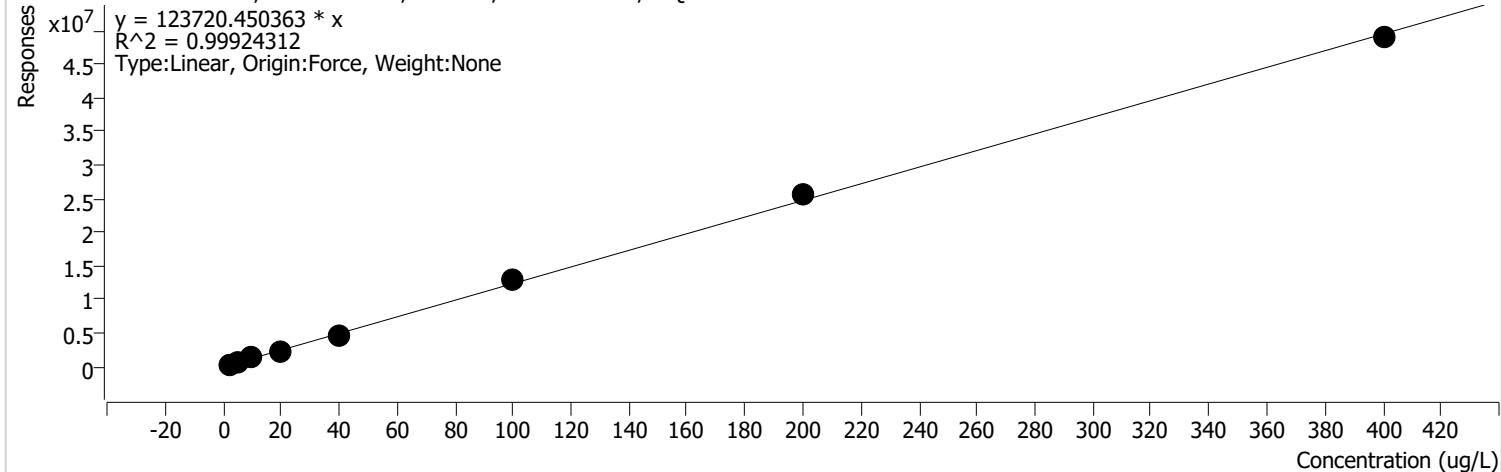
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	372999	2.5000	149199.5566	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	532640	5.0000	106527.9789	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1275338	10.0000	127533.8283	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1697421	20.0000	84871.0429	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3645921	40.0000	91148.0140	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9312484	100.0000	93124.8382	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18485909	200.0000	92429.5454	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	36023737	400.0000	90059.3433	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE =

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



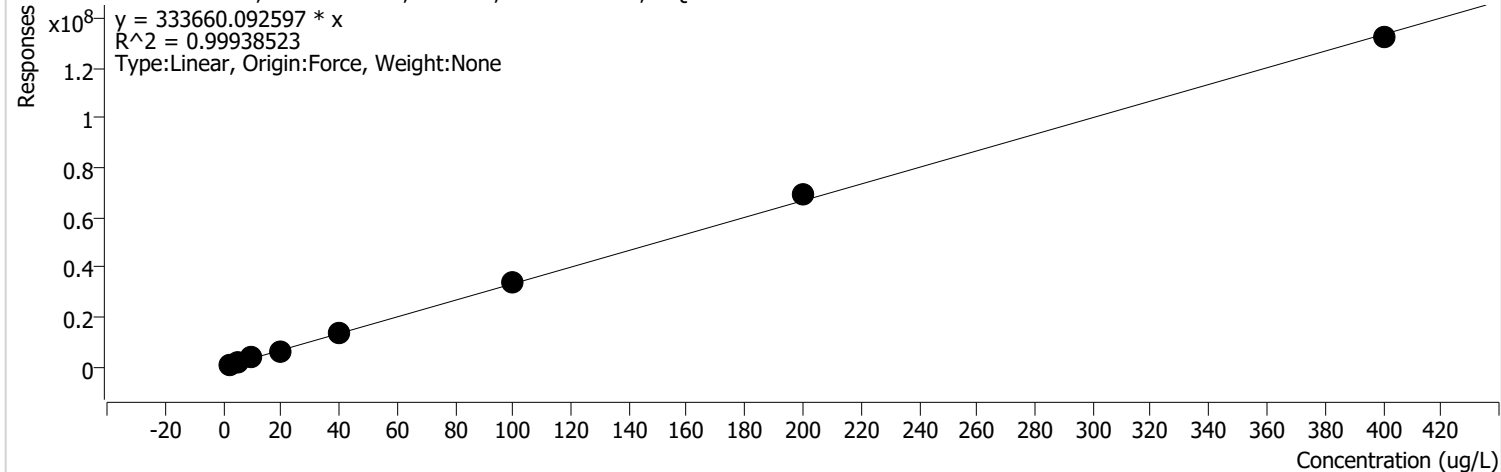
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	460776	2.5000	184310.5 735	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	694737	5.0000	138947.4 373	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1511942	10.0000	151194.1 657	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	2393050	20.0000	119652.4 878	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	4790557	40.0000	119763.9 356	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	12993931	100.0000	129939.3 116	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	25590904	200.0000	127954.5 211	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	48920429	400.0000	122301.0 718	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:49 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX 2 %RSE = 12.5

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



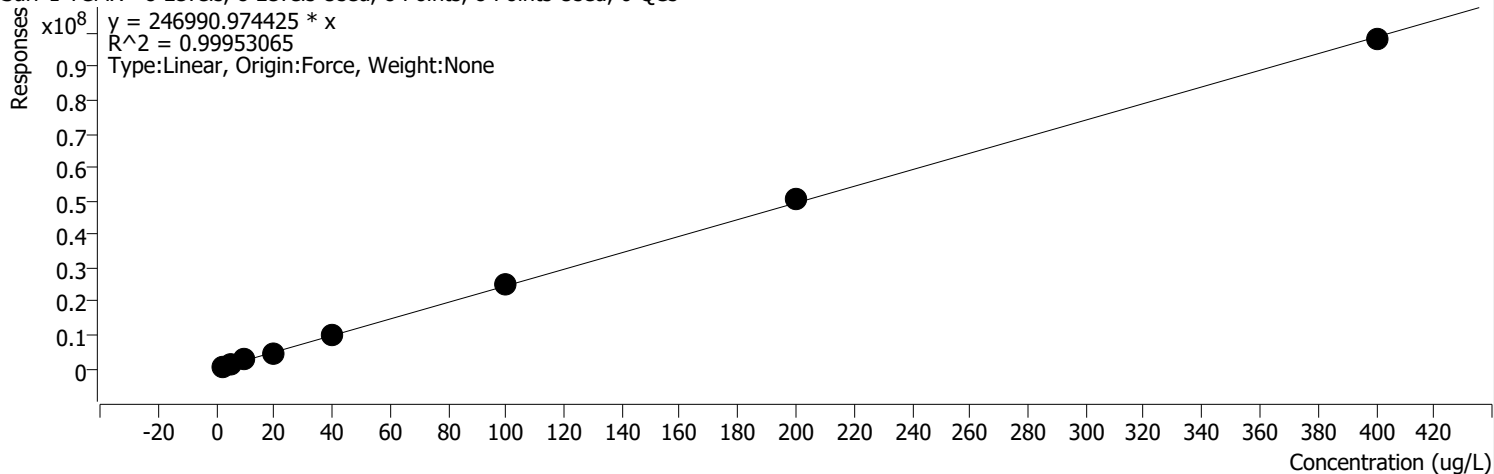
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	942622	2.5000	377048.6 158	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	1423745	5.0000	284749.0 467	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	3945533	10.0000	394553.3 322	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	5739991	20.0000	286999.5 489	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	13192532	40.0000	329813.3 099	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	34332107	100.0000	343321.0 719	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	69021640	200.0000	345108.1 988	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	132126905	400.0000	330317.2 632	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX %RSE = 13.0

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



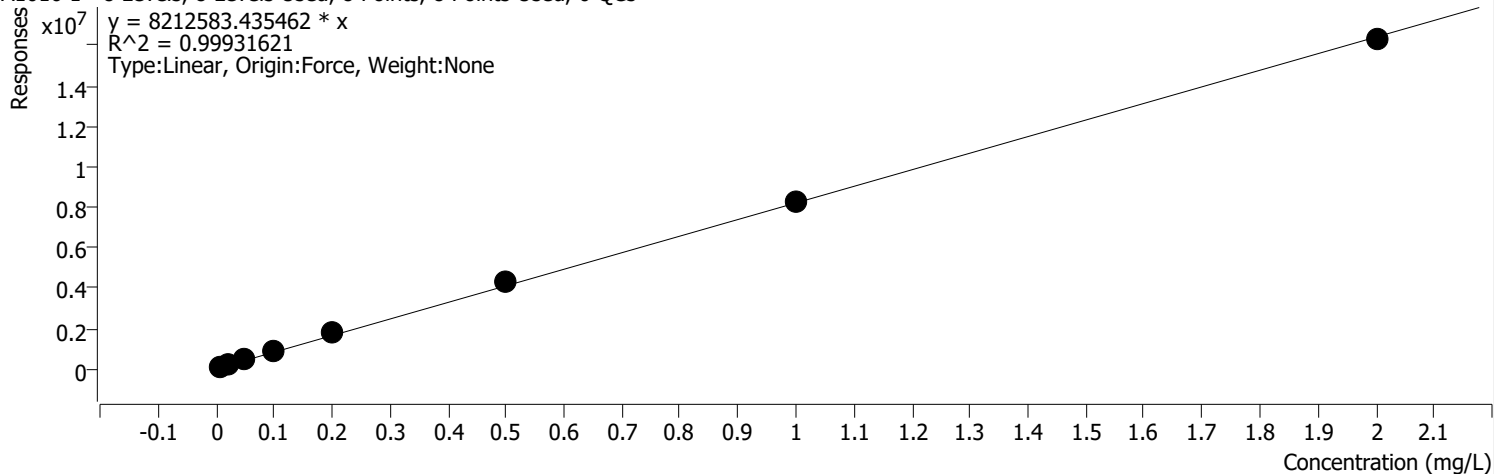
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	718542	2.5000	287416.8 121	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	1076230	5.0000	215246.0 110	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	2940074	10.0000	294007.3 579	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	4252024	20.0000	212601.2 104	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	9672795	40.0000	241819.8 869	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	25186698	100.0000	251866.9 802	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	50885755	200.0000	254428.7 745	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	97975382	400.0000	244938.4 551	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:09 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:08 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 %RSE = 36.0

A1016 1 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



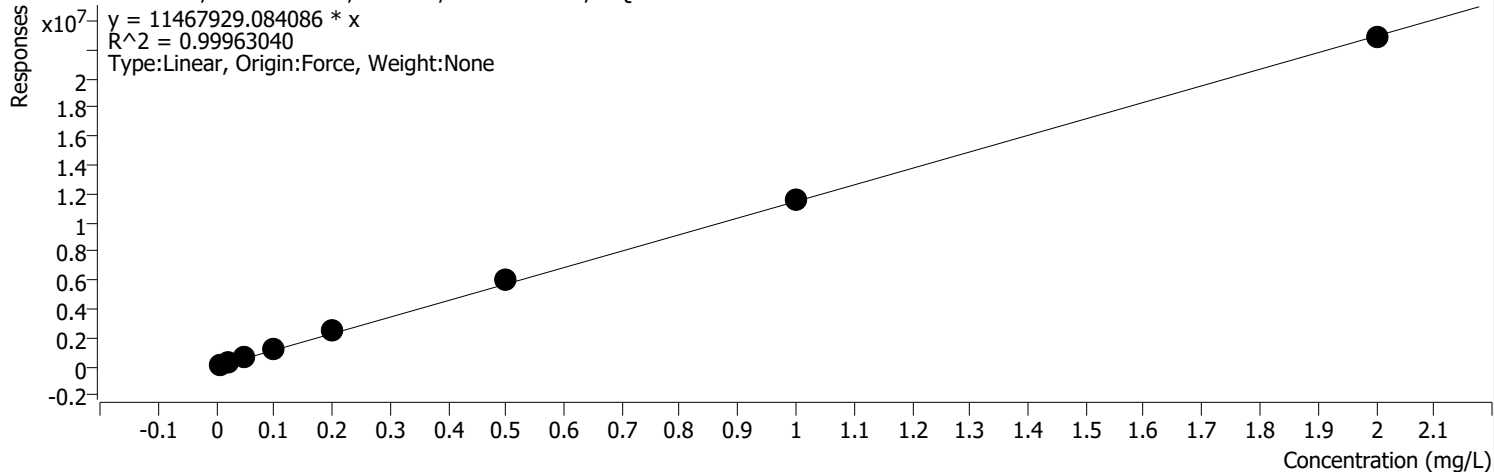
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	112110	0.0080	14013781.4463	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	228360	0.0200	11417984.2500	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	538830	0.0500	10776608.8616	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	906243	0.1000	9062427.8271	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1844640	0.2000	9223200.3259	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4334139	0.5000	8668278.7875	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	8321135	1.0000	8321135.1656	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	16285436	2.0000	8142717.8884	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 1 2 %RSE = 30.9

A1016 1 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

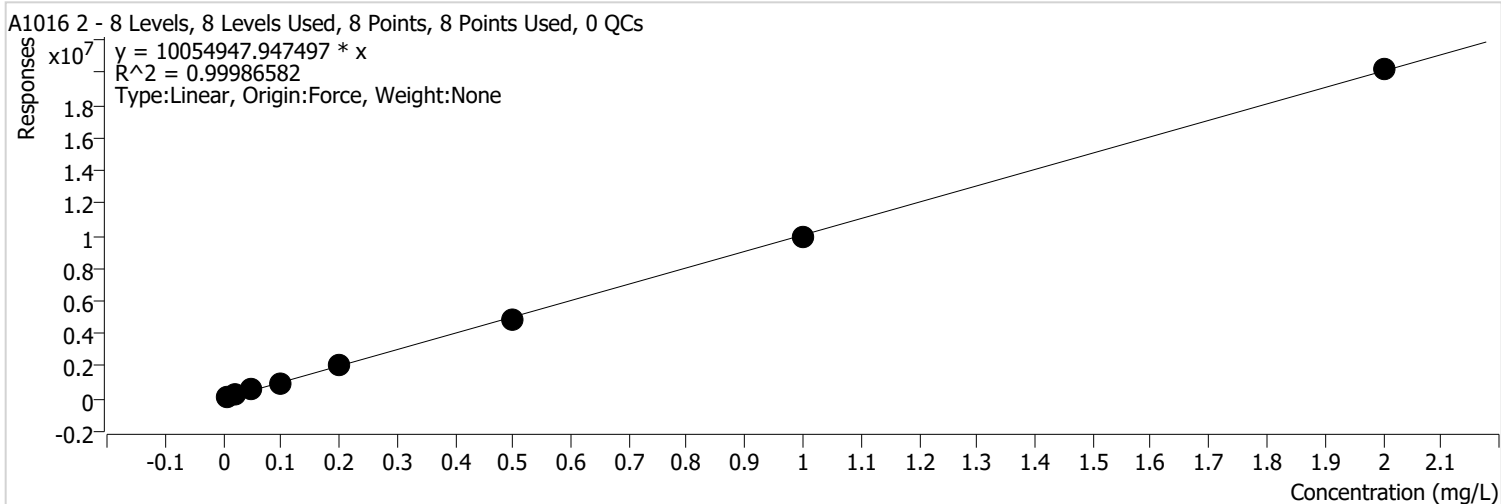


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	146540	0.0080	18317454 .5181	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	314450	0.0200	15722476 .0021	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	719764	0.0500	14395289 .9343	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1196078	0.1000	11960778 .5932	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2528109	0.2000	12640543 .7802	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	5972564	0.5000	11945127 .8491	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	11524790	1.0000	11524790 .3526	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	22817132	2.0000	11408565 .9258	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 2 %RSE = 20.2



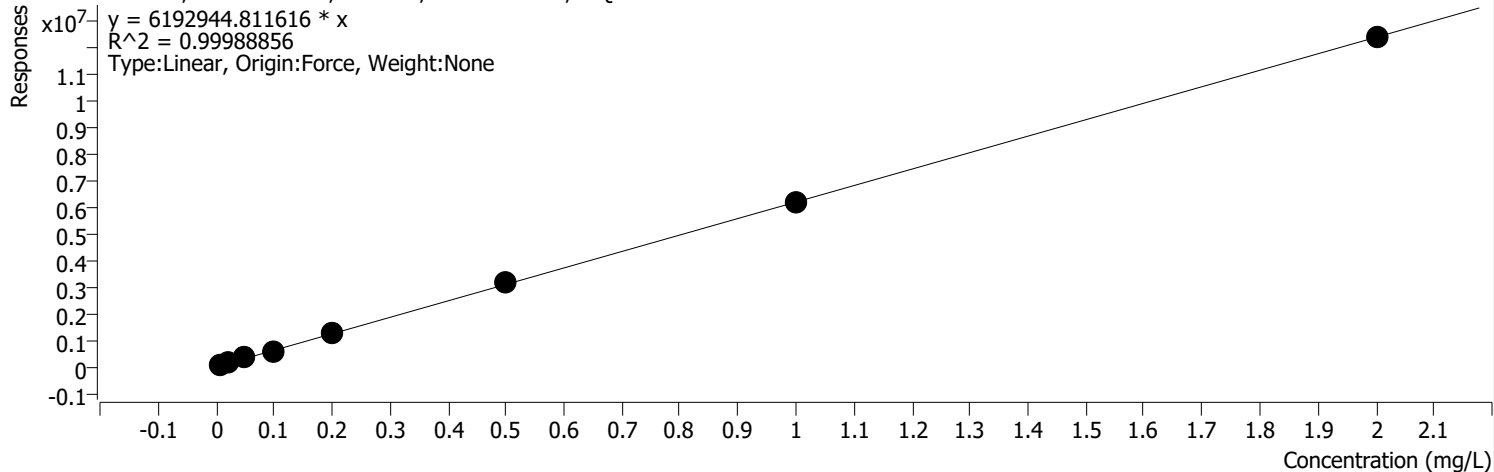
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	115750	0.0080	14468799 .7495	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	241308	0.0200	12065398 .1667	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	550702	0.0500	11014033 .0739	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	968767	0.1000	9687667. 1893	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2017646	0.2000	10088230 .0389	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4856074	0.5000	9712148. 7656	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	9986204	1.0000	9986203. 8914	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	20186546	2.0000	10093273 .1965	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 3 %RSE = 26.1

A1016 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



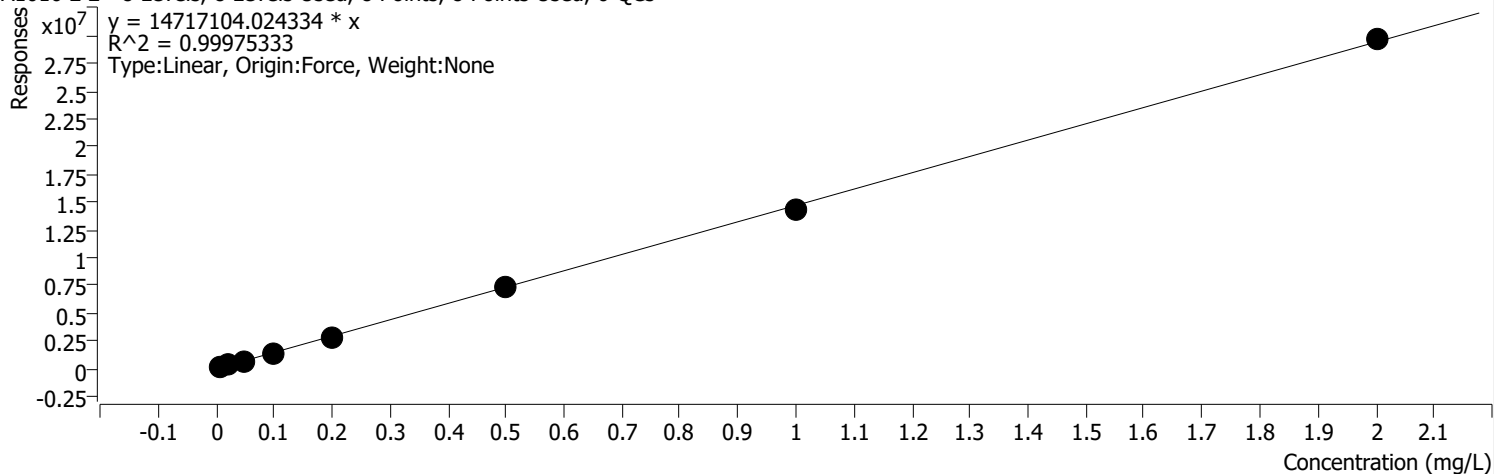
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	76620	0.0080	9577533. 6478	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	157463	0.0200	7873160. 7586	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	365761	0.0500	7315224. 5937	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	617894	0.1000	6178942. 0886	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1315605	0.2000	6578022. 5000	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	3151570	0.5000	6303140. 0194	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	6191061	1.0000	6191061. 1351	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	12363578	2.0000	6181789. 1603	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 2 2 %RSE = 14.9

A1016 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



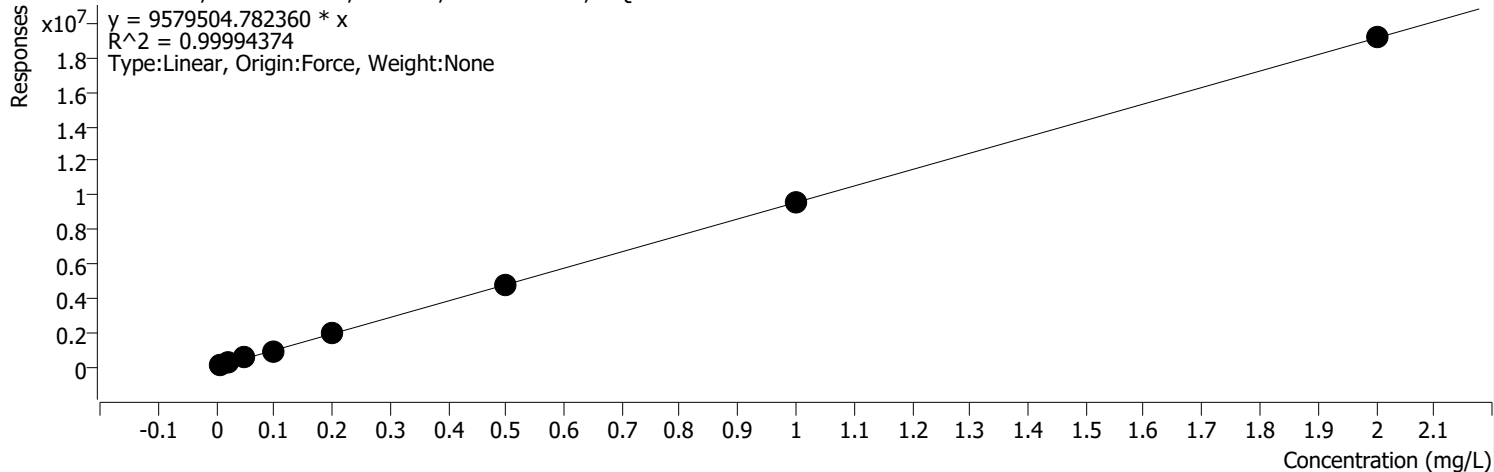
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	152811	0.0080	19101358 .1935	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	346952	0.0200	17347579 .9146	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	750232	0.0500	15004632 .4980	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1328864	0.1000	13288637 .4507	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2812118	0.2000	14060588 .2771	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	7248768	0.5000	14497536 .3852	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	14414980	1.0000	14414980 .3373	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	29631963	2.0000	14815981 .3465	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 3 2 %RSE = 24.9

A1016 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



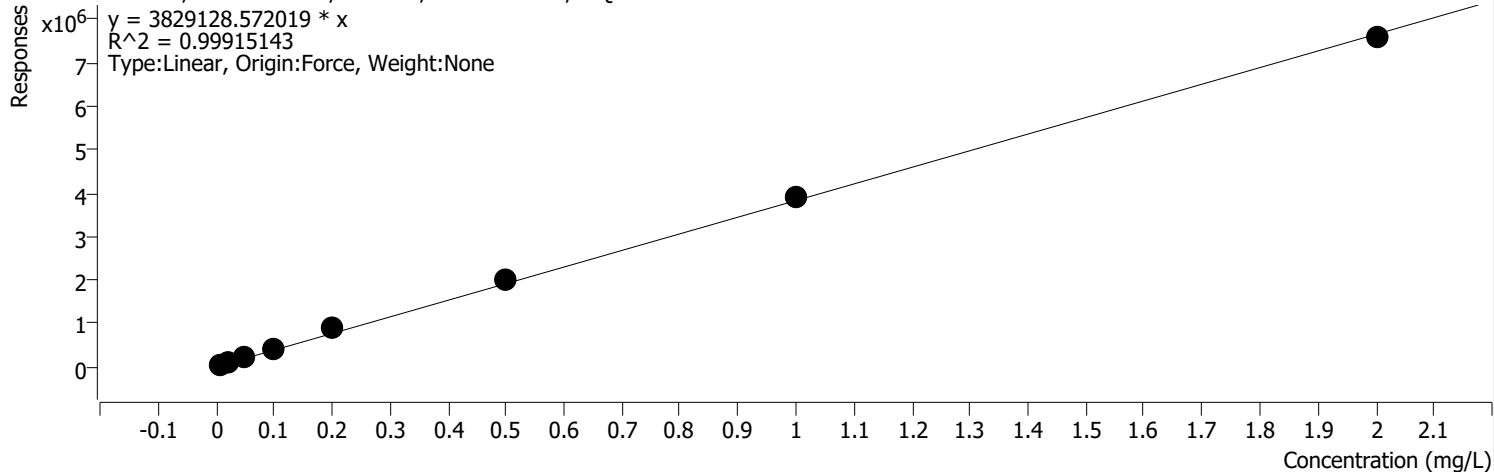
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	115625	0.0080	14453121.8336	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	247909	0.0200	12395460.0421	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	556230	0.0500	11124596.0286	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	937451	0.1000	9374505.8026	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1978288	0.2000	9891439.0024	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4785802	0.5000	9571603.6591	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	9531546	1.0000	9531546.0606	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	19176112	2.0000	9588056.1828	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 4 %RSE = 25.3

A1016 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



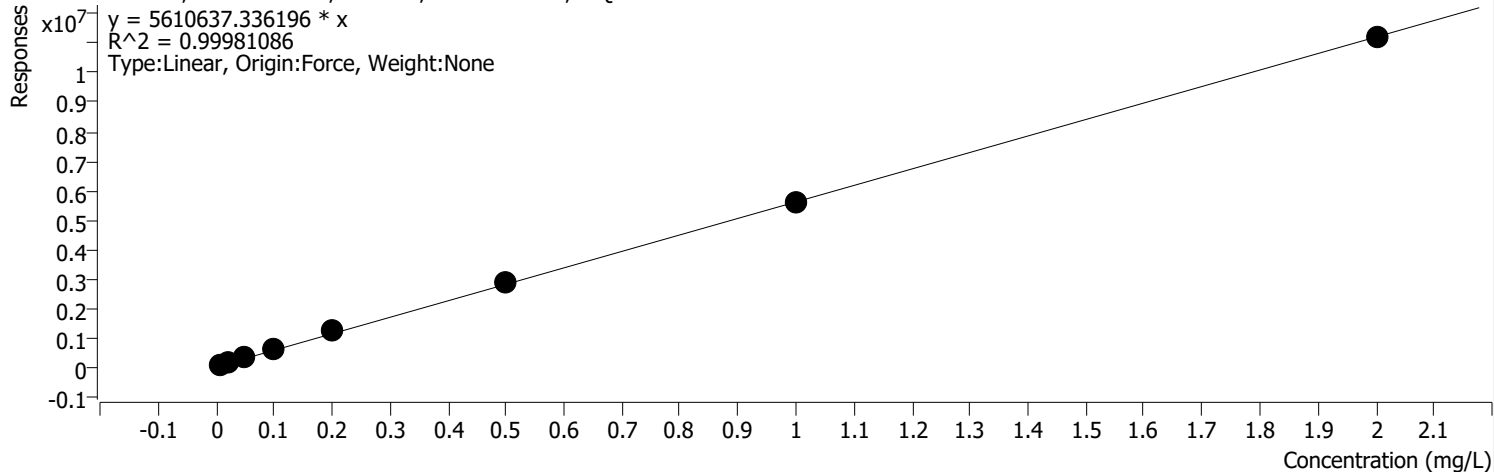
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	42792	0.0080	5348954.0729	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	103817	0.0200	5190832.0083	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	241114	0.0500	4822287.9931	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	418325	0.1000	4183254.2306	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	870501	0.2000	4352503.0115	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	2028811	0.5000	4057622.6633	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	3908042	1.0000	3908042.4384	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	7576438	2.0000	3788218.9540	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 5 %RSE = 30.9

A1016 5 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



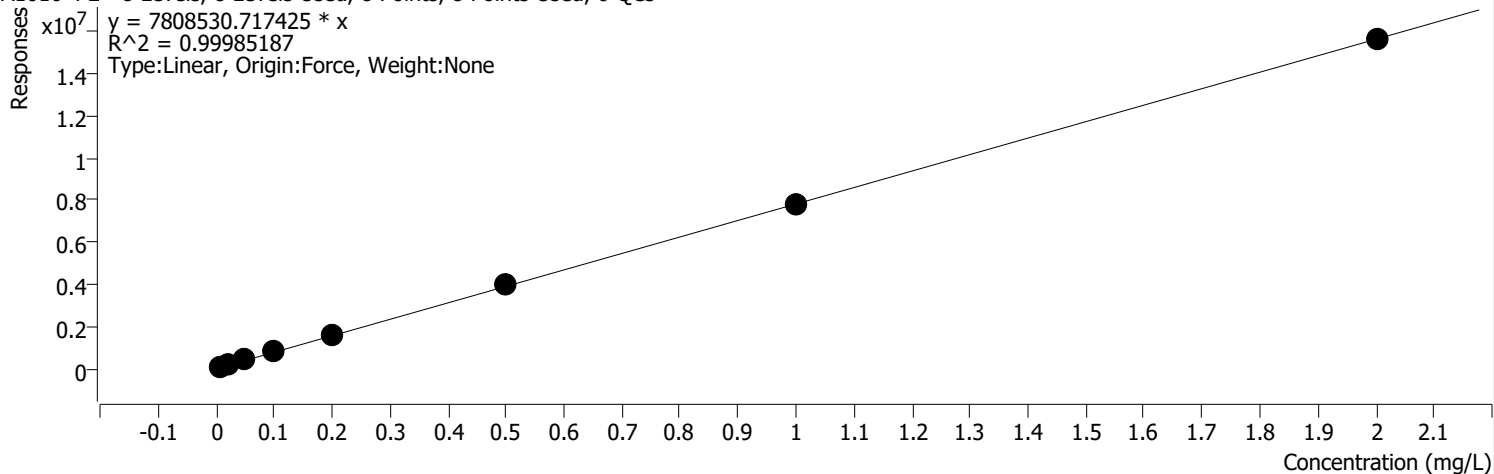
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	157227	0.0200	7861350.2778	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	336583	0.0500	6731663.9624	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	595368	0.1000	5953678.0652	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1201502	0.2000	6007509.0314	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	2881876	0.5000	5763751.3420	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	5607086	1.0000	5607085.7381	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	11192299	2.0000	5596149.5047	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 4 2 %RSE = 28.5

A1016 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



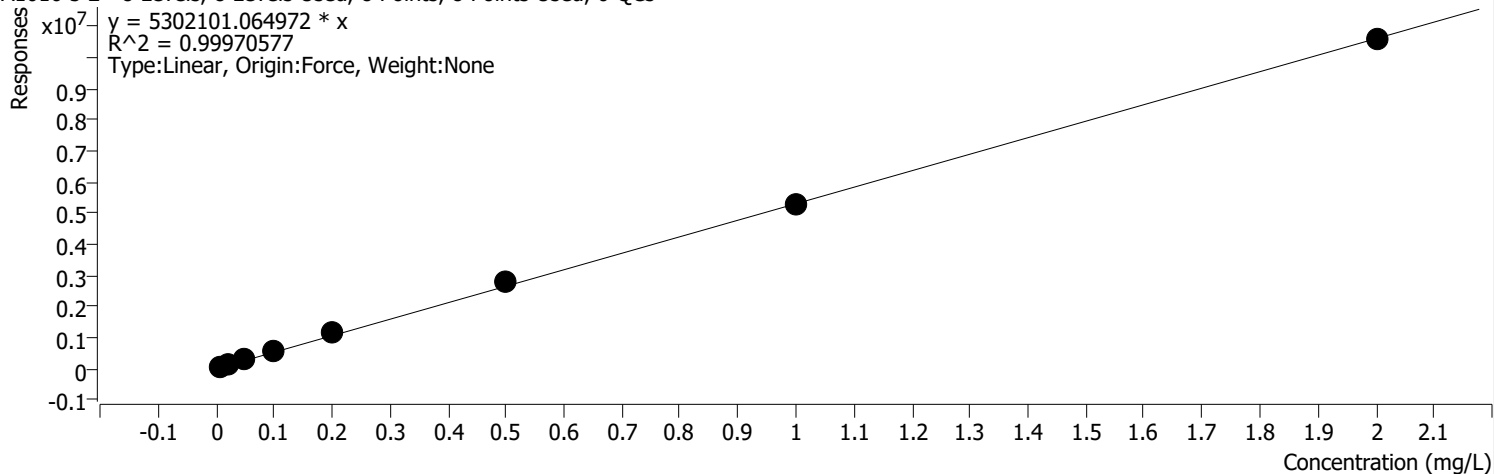
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041314.D	Calibration	3	x	464327	0.0500	9286546.2687	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	805200	0.1000	8052004.0720	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1650348	0.2000	8251740.9091	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4009055	0.5000	8018109.5864	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	7793888	1.0000	7793888.4230	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	15585549	2.0000	7792774.5129	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 5 2 %RSE = 29.5

A1016 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



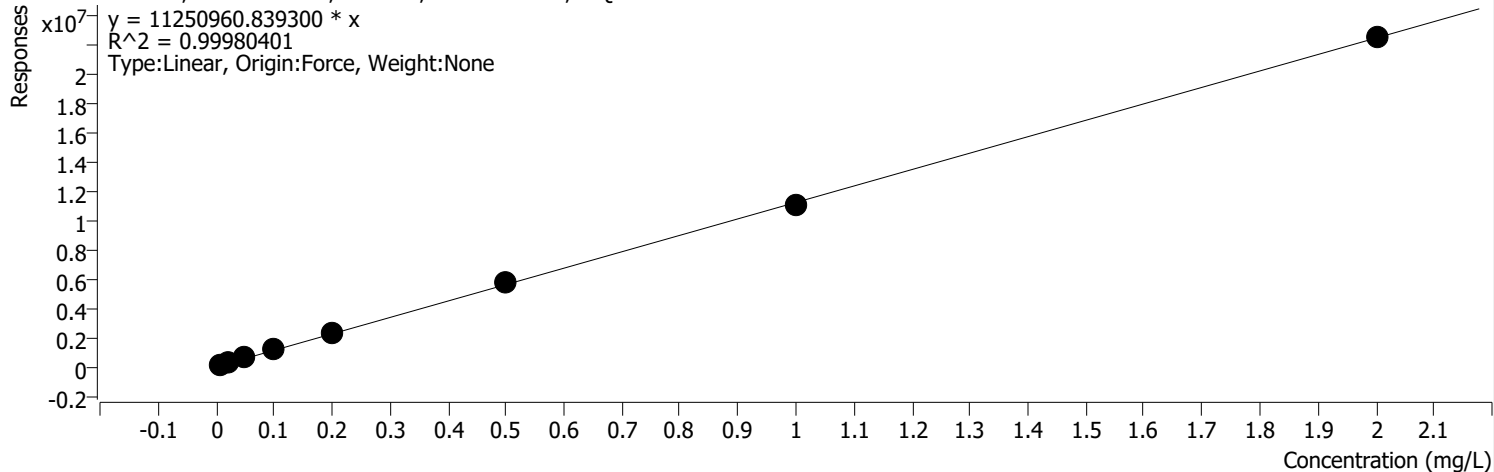
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041314.D	Calibration	3	x	320733	0.0500	6414652.2730	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	558541	0.1000	5585413.6030	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1154657	0.2000	5773283.0442	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	2756690	0.5000	5513380.5134	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	5304163	1.0000	5304163.3206	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	10564019	2.0000	5282009.6621	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 1 %RSE = 34.1

A1260 1 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



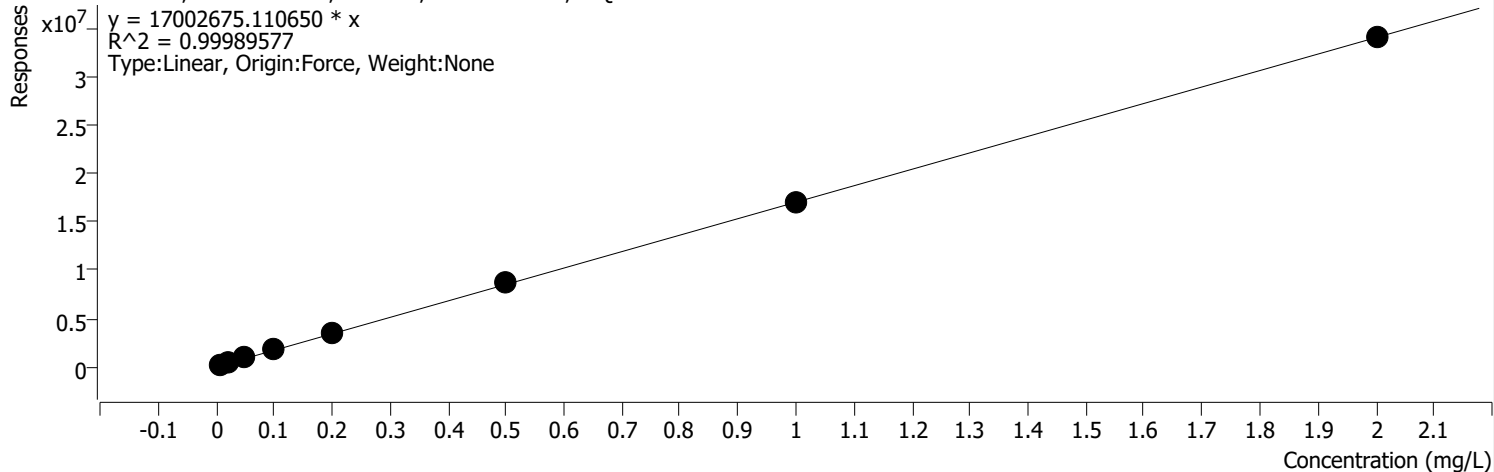
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	323996	0.0200	16199820 .7401	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	698311	0.0500	13966225 .3478	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1152714	0.1000	11527142 .0306	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2357356	0.2000	11786779 .7966	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	5775073	0.5000	11550146 .7760	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	11119189	1.0000	11119188 .9754	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	22513688	2.0000	11256844 .1424	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 2 %RSE = 36.7

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

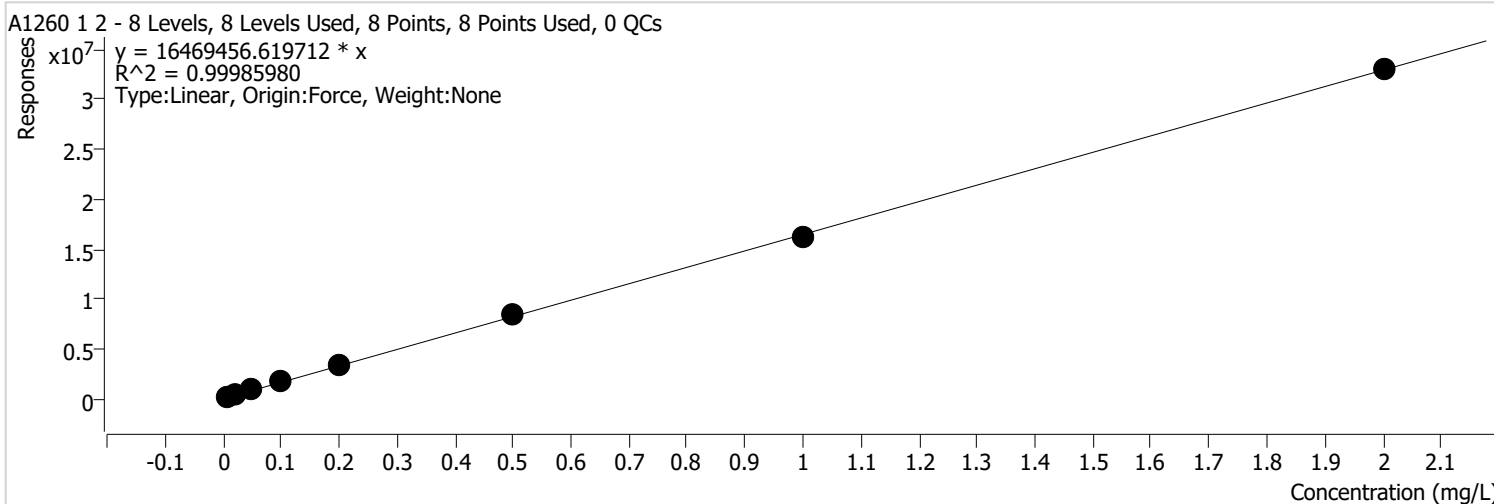


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	500993	0.0200	25049647 .1664	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1019787	0.0500	20395748 .7251	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1716673	0.1000	17166732 .2411	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3546553	0.2000	17732763 .7247	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8615685	0.5000	17231370 .0147	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16960071	1.0000	16960071 .0329	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	33976391	2.0000	16988195 .7248	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 1 2 %RSE = 35.2



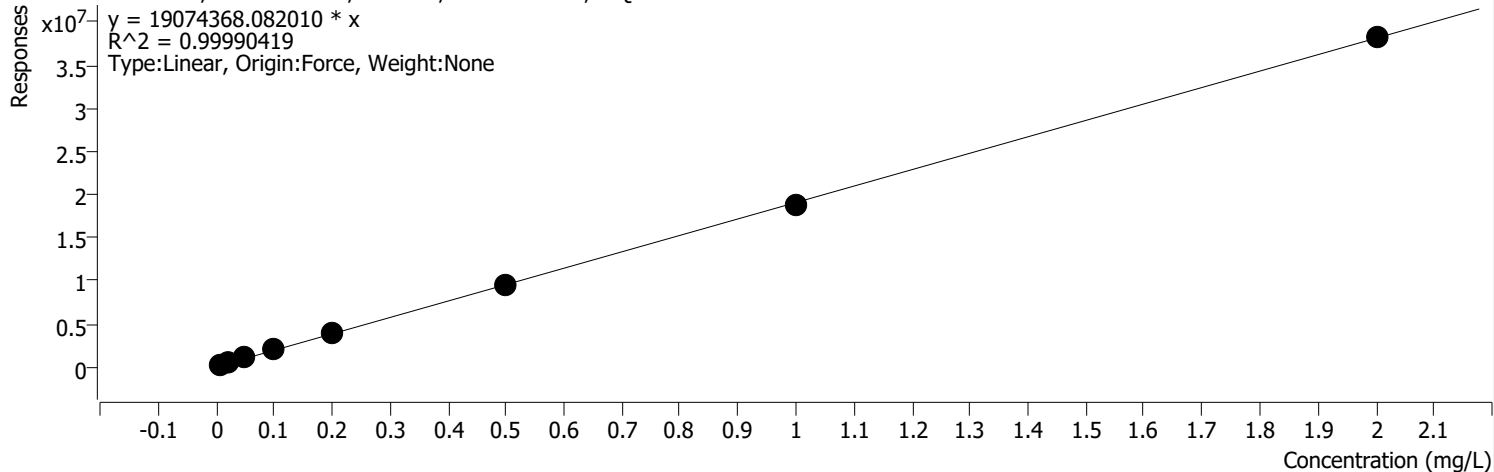
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	473063	0.0200	23653151 .5703	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	993964	0.0500	19879275 .1977	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1679623	0.1000	16796228 .8208	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3424692	0.2000	17123457 .6110	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8390744	0.5000	16781488 .4819	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16304297	1.0000	16304297 .3776	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	32961700	2.0000	16480849 .8341	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 2 2 %RSE = 33.4

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



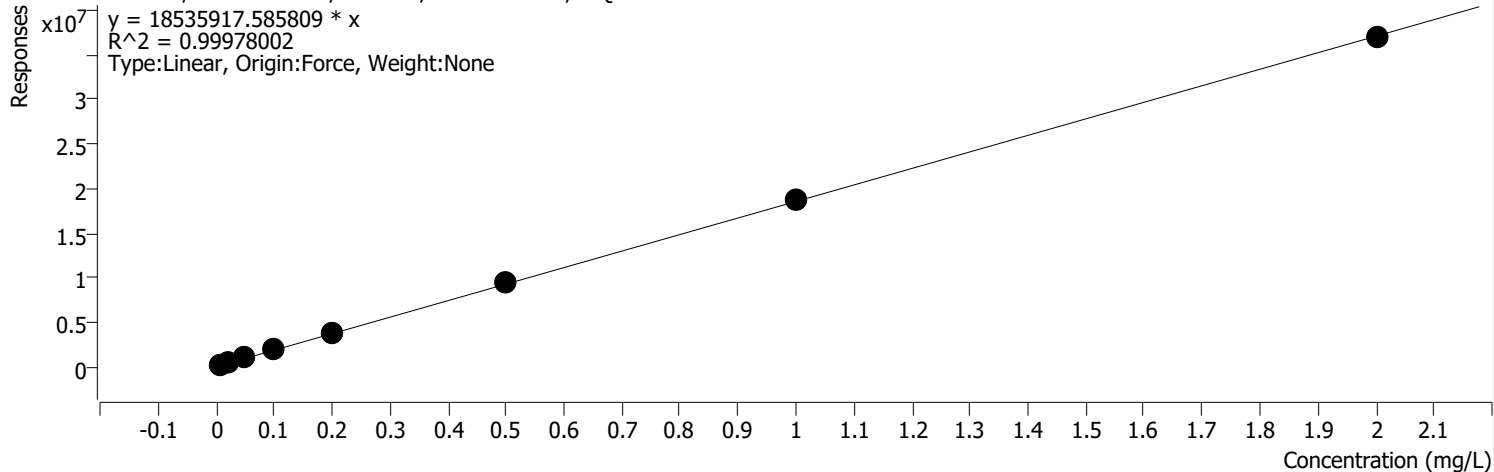
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	255701	0.0080	31962663 .8525	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	542396	0.0200	27119805 .6056	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1126306	0.0500	22526123 .9350	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1917763	0.1000	19177631 .9924	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3929096	0.2000	19645481 .8953	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9639218	0.5000	19278436 .7448	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18909963	1.0000	18909962 .6849	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	38187155	2.0000	19093577 .7381	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 3 %RSE = 38.4

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



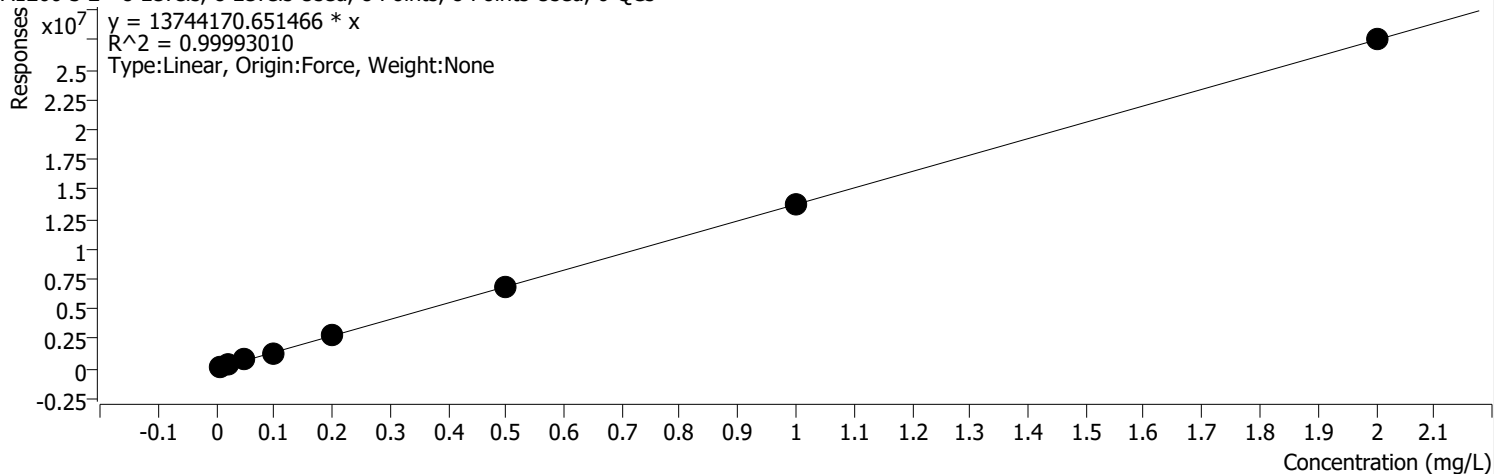
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	500600	0.0200	25030006 .2909	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1156654	0.0500	23133085 .3027	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1925978	0.1000	19259784 .4242	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3814063	0.2000	19070313 .6250	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9541649	0.5000	19083298 .9717	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18739557	1.0000	18739556 .5371	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	36879745	2.0000	18439872 .3374	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 3 2 %RSE = 39.3

A1260 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



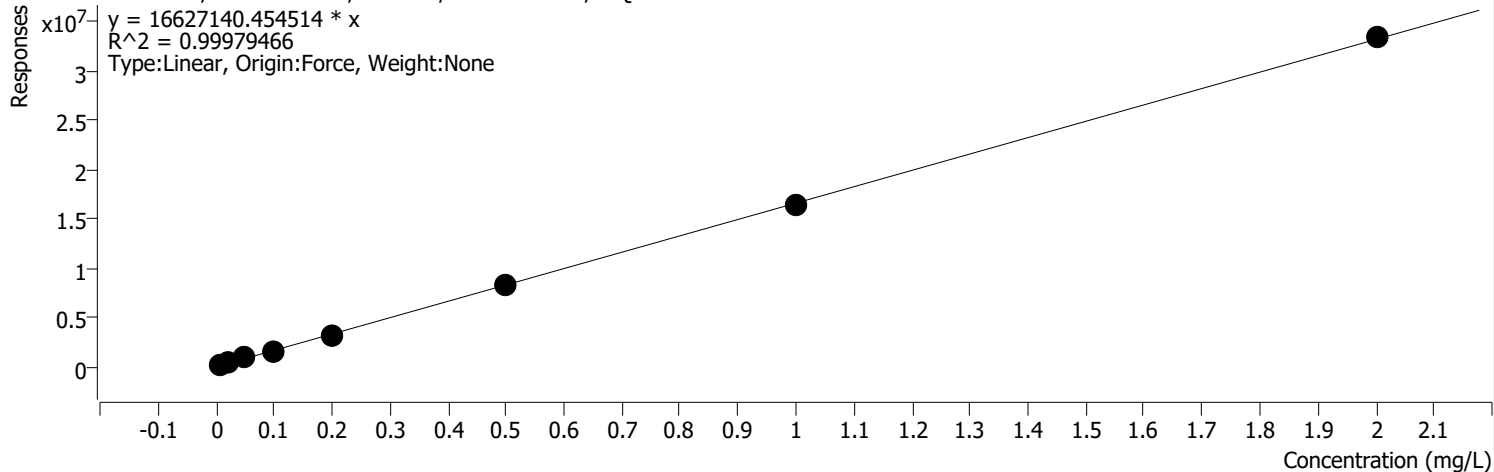
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	371692	0.0200	18584618 .6647	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	818370	0.0500	16367409 .0817	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1354862	0.1000	13548617 .7563	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2787292	0.2000	13936459 .2534	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	6925113	0.5000	13850226 .3000	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	13679146	1.0000	13679145 .8476	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	27500097	2.0000	13750048 .2804	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 4 2 %RSE = 43.6

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



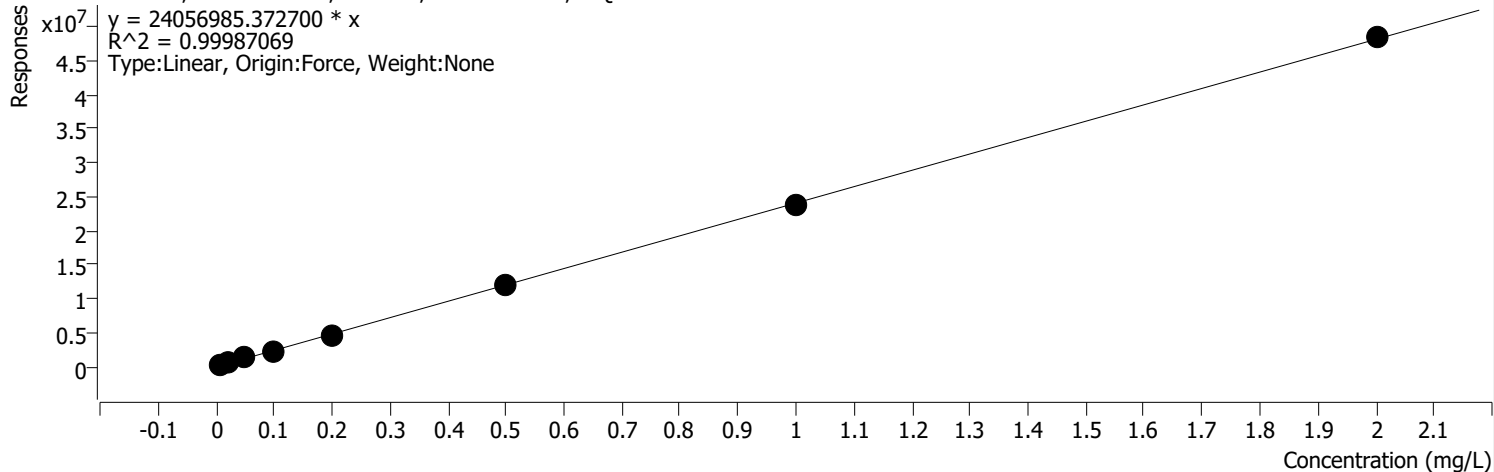
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	499048	0.0200	24952376 .0327	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	920835	0.0500	18416709 .2506	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1538572	0.1000	15385723 .1771	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3271131	0.2000	16355654 .4415	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8360699	0.5000	16721398 .1153	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16312487	1.0000	16312486 .7557	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	33407064	2.0000	16703531 .8173	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 4 %RSE = 27.2

A1260 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

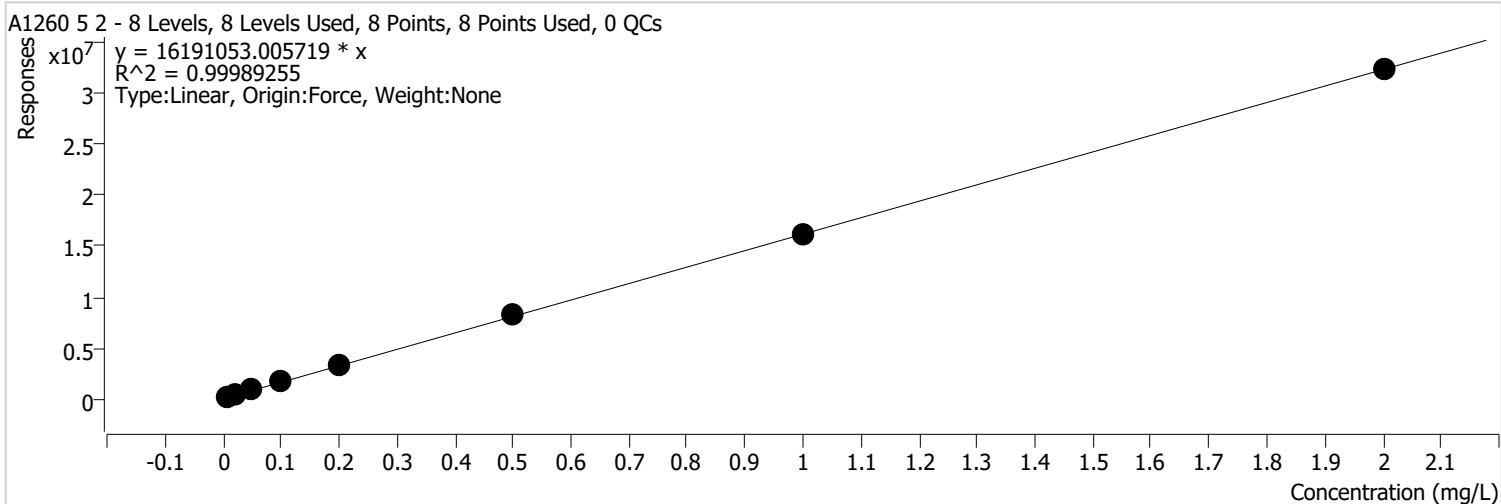


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	635074	0.0200	31753711 .4892	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1325475	0.0500	26509500 .0429	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	2255490	0.1000	22554902 .1708	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	4673162	0.2000	23365812 .4842	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	11932738	0.5000	23865475 .3147	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	23722477	1.0000	23722477 .1145	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	48321453	2.0000	24160726 .5000	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 5 2 %RSE = 34.2



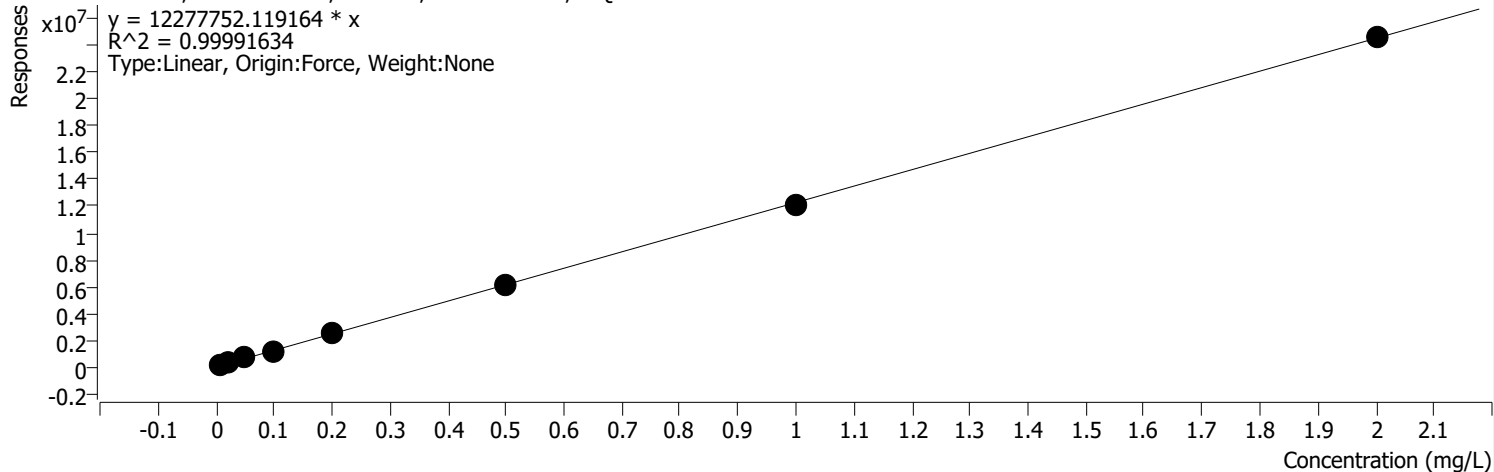
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	218868	0.0080	27358490 .7810	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	463500	0.0200	23174979 .8702	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	963871	0.0500	19277428 .8469	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1625067	0.1000	16250670 .2563	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3356413	0.2000	16782063 .2985	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8258079	0.5000	16516158 .5250	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16139707	1.0000	16139706 .9310	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	32349410	2.0000	16174705 .2268	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 5 %RSE = 32.4

A1260 5 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



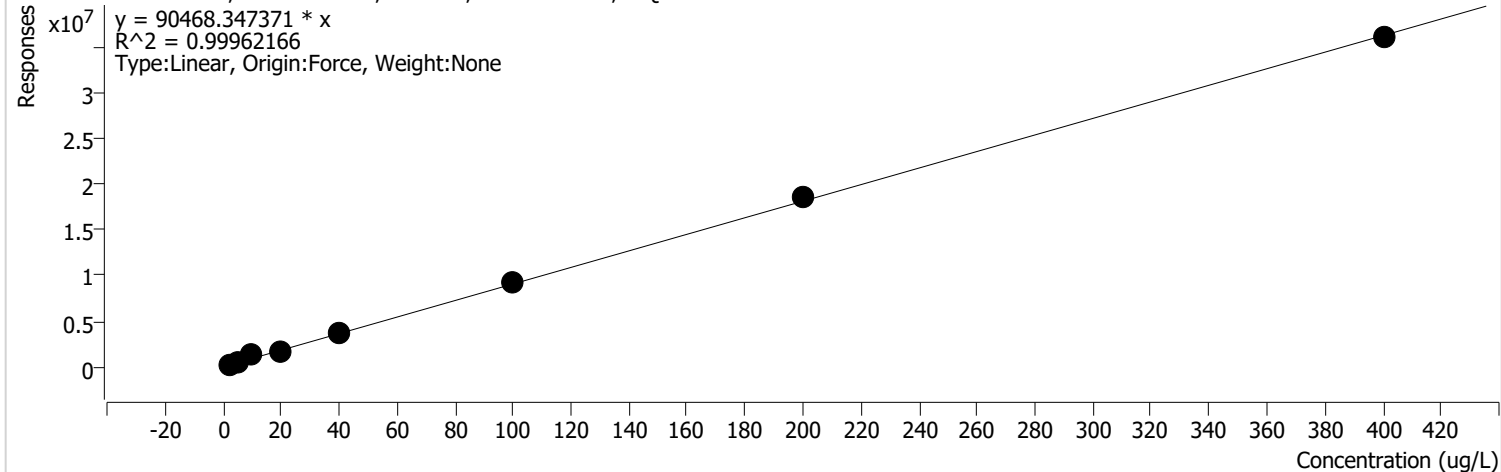
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	164480	0.0080	20559977 .6346	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	339968	0.0200	16998406 .3828	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	716937	0.0500	14338747 .3557	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1224889	0.1000	12248893 .3709	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2489281	0.2000	12446404 .0927	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	6210873	0.5000	12421746 .4337	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	12169224	1.0000	12169223 .8748	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	24584755	2.0000	12292377 .4597	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP %RSE = 24.9

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



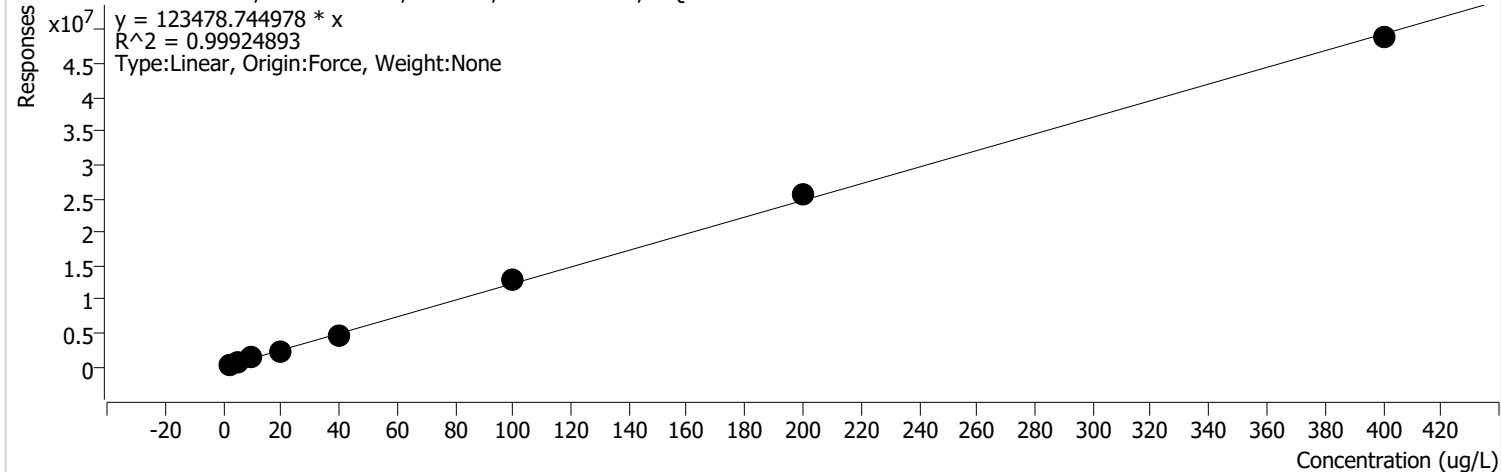
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	326338	2.5000	130535.1 330	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	503182	5.0000	100636.4 120	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1263808	10.0000	126380.7 630	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1687684	20.0000	84384.20 79	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3646289	40.0000	91157.22 85	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9307724	100.0000	93077.23 81	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18453061	200.0000	92265.30 52	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	35935510	400.0000	89838.77 46	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP 2 %RSE = 21.7

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	451184	2.5000	180473.5 958	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	684257	5.0000	136851.4 754	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1513577	10.0000	151357.7 002	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	2397630	20.0000	119881.5 211	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	4770866	40.0000	119271.6 475	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	12924698	100.0000	129246.9 796	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	25564453	200.0000	127822.2 641	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	48824670	400.0000	122061.6 744	

PCB Calibration

Date: 04/08/22 Cal Std (1016/1260): 26765 Concentration: 100 ug/mL
 Analyst: Sam Vapoi ICV Std (SS): 26724 Concentration: 100 ug/mL
 Aroclors: 1221: 20519 1232: 23017 1242: 23020 1248: 23021
 1254: 23A86 1262: 23022 1268: 20520 Conc: 1000 ug/mL
 Hexane: 6799 SURROGATE: 26572 Concentration: 20 ug/mL

Calibration Point (ppb)	Surr Cal Pt (ppb)	Hexane (uL)	STD ID	STD Amt (uL)	Surr Amt (uL)	Final Vol. (mL)	Comments
2000	400	960	Cal Std	20	20	1	
1000	200	980	Cal Std	10	10	1	
500	100	990	Cal Std	5	5	1	
200	40	900	2000*	100	--	1	*Points 200, 100, and 50 will be made with prepared Point 2000
100	20	950	2000*	50	--	1	
50	10	975	2000*	25	--	1	
20	(5)	900	200**	100	--	1	**Points 20 and 10 will be made with prepared Point 200
10 8	(2.5)	950	200**	50 40	--	1	
ICB 82-041061 22	200	990	--	-- 82-041061 10	10	1	
ICV (1000 ppb)	200	980	ICV	10	10	1	

Note: Points 20 and 10 will contain surrogate as they are prepared from a mixed std, but will not be included in the surr curve.

Single Point Aroclors

Calibration Point	Surr Conc (ppb)	Hexane (uL)	STD ID	STD Amt (uL)	Surr Amt (uL)	Final Vol (mL)	Comments
2000	200	988	Each Aroclor	2	10	1	

Signature and Date: Sam Vapoi 04/08/22

Signature: EM



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info@fremontanalytical.com

Shannon & Wilson

Ryan Peterson
400 N. 34th Street, Suite 100
Seattle, WA 98103

RE: 8801 Excavations
Work Order Number: 2208249

August 18, 2022

Attention Ryan Peterson:

Fremont Analytical, Inc. received 3 sample(s) on 8/17/2022 for the analyses presented in the following report.

Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Revision v1

www.fremontanalytical.com



CLIENT: Shannon & Wilson
Project: 8801 Excavations
Work Order: 2208249

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2208249-001	A4-BOT144:11.5	08/17/2022 9:25 AM	08/17/2022 4:04 PM
2208249-002	A4-BOT145:10	08/17/2022 9:40 AM	08/17/2022 4:04 PM
2208249-003	A4-BOT146:11.5	08/17/2022 1:50 PM	08/17/2022 4:04 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson

Project: 8801 Excavations

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

9/13/2022: Revision 1 includes level 2B data.

Qualifiers:

- * - Associated LCS is outside of control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Method Detection Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Client: Shannon & Wilson

Collection Date: 8/17/2022 9:25:00 AM

Project: 8801 Excavations

Lab ID: 2208249-001

Matrix: Soil

Client Sample ID: A4-BOT144:11.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0493	0.00795		mg/Kg-dry	1	08/18/22 14:27:41
Aroclor 1221	ND	0.0493	0.00795		mg/Kg-dry	1	08/18/22 14:27:41
Aroclor 1232	ND	0.0493	0.00795		mg/Kg-dry	1	08/18/22 14:27:41
Aroclor 1242	ND	0.0493	0.00795		mg/Kg-dry	1	08/18/22 14:27:41
Aroclor 1248	ND	0.0493	0.00980		mg/Kg-dry	1	08/18/22 14:27:41
Aroclor 1254	0.412	0.0493	0.00980		mg/Kg-dry	1	08/18/22 14:27:41
Aroclor 1260	ND	0.0493	0.00980		mg/Kg-dry	1	08/18/22 14:27:41
Aroclor 1262	ND	0.0493	0.00980		mg/Kg-dry	1	08/18/22 14:27:41
Aroclor 1268	ND	0.0493	0.00980		mg/Kg-dry	1	08/18/22 14:27:41
Total PCBs	0.412	0.0493	0.00980		mg/Kg-dry	1	08/18/22 14:27:41
Surr: Decachlorobiphenyl	65.7	9.77 - 154			%Rec	1	08/18/22 14:27:41
Surr: Tetrachloro-m-xylene	92.2	24.2 - 187			%Rec	1	08/18/22 14:27:41

Sample Moisture (Percent Moisture)

Batch ID: R77596

Analyst: AP

Percent Moisture	10.0	0.500	0.100		wt%	1	08/17/22 17:35:28
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Analytical Report

Work Order: 2208249
Date Reported: 8/18/2022

Client: Shannon & Wilson

Collection Date: 8/17/2022 9:40:00 AM

Project: 8801 Excavations

Lab ID: 2208249-002

Matrix: Soil

Client Sample ID: A4-BOT145:10

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0516	0.00831		mg/Kg-dry	1	08/18/22 14:37:24
Aroclor 1221	ND	0.0516	0.00831		mg/Kg-dry	1	08/18/22 14:37:24
Aroclor 1232	ND	0.0516	0.00831		mg/Kg-dry	1	08/18/22 14:37:24
Aroclor 1242	ND	0.0516	0.00831		mg/Kg-dry	1	08/18/22 14:37:24
Aroclor 1248	ND	0.0516	0.0103		mg/Kg-dry	1	08/18/22 14:37:24
Aroclor 1254	0.364	0.0516	0.0103		mg/Kg-dry	1	08/18/22 14:37:24
Aroclor 1260	ND	0.0516	0.0103		mg/Kg-dry	1	08/18/22 14:37:24
Aroclor 1262	ND	0.0516	0.0103		mg/Kg-dry	1	08/18/22 14:37:24
Aroclor 1268	ND	0.0516	0.0103		mg/Kg-dry	1	08/18/22 14:37:24
Total PCBs	0.364	0.0516	0.0103		mg/Kg-dry	1	08/18/22 14:37:24
Surr: Decachlorobiphenyl	68.7	9.77 - 154			%Rec	1	08/18/22 14:37:24
Surr: Tetrachloro-m-xylene	76.0	24.2 - 187			%Rec	1	08/18/22 14:37:24

Sample Moisture (Percent Moisture)

Batch ID: R77596

Analyst: AP

Percent Moisture	14.8	0.500	0.100		wt%	1	08/17/22 17:35:28
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Client: Shannon & Wilson

Collection Date: 8/17/2022 1:50:00 PM

Project: 8801 Excavations

Lab ID: 2208249-003

Matrix: Soil

Client Sample ID: A4-BOT146:11.5

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37463

Analyst: OK

Aroclor 1016	ND	0.0552	0.00889		mg/Kg-dry	1	08/18/22 14:47:09
Aroclor 1221	ND	0.0552	0.00889		mg/Kg-dry	1	08/18/22 14:47:09
Aroclor 1232	ND	0.0552	0.00889		mg/Kg-dry	1	08/18/22 14:47:09
Aroclor 1242	ND	0.0552	0.00889		mg/Kg-dry	1	08/18/22 14:47:09
Aroclor 1248	ND	0.0552	0.0110		mg/Kg-dry	1	08/18/22 14:47:09
Aroclor 1254	0.500	0.0552	0.0110		mg/Kg-dry	1	08/18/22 14:47:09
Aroclor 1260	ND	0.0552	0.0110		mg/Kg-dry	1	08/18/22 14:47:09
Aroclor 1262	ND	0.0552	0.0110		mg/Kg-dry	1	08/18/22 14:47:09
Aroclor 1268	ND	0.0552	0.0110		mg/Kg-dry	1	08/18/22 14:47:09
Total PCBs	0.500	0.0552	0.0110		mg/Kg-dry	1	08/18/22 14:47:09
Surr: Decachlorobiphenyl	66.6	9.77 - 154			%Rec	1	08/18/22 14:47:09
Surr: Tetrachloro-m-xylene	87.7	24.2 - 187			%Rec	1	08/18/22 14:47:09

Sample Moisture (Percent Moisture)

Batch ID: R77596

Analyst: AP

Percent Moisture	15.1	0.500	0.100		wt%	1	08/17/22 17:35:28
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Work Order: 2208249
 CLIENT: Shannon & Wilson
 Project: 8801 Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: PCB ICB	SampType: ICB	Units: mg/Kg	Prep Date: 4/14/2022	RunNo: 77597							
Client ID: ICB	Batch ID: 37463		Analysis Date: 4/14/2022	SeqNo: 1614269							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	167		200.0		83.7	50.2	159				
Surr: Tetrachloro-m-xylene	179		200.0		89.4	60.3	134				

Sample ID: PCB ICV	SampType: ICV	Units: mg/Kg	Prep Date: 4/14/2022	RunNo: 77597							
Client ID: ICV	Batch ID: 37463		Analysis Date: 4/14/2022	SeqNo: 1614270							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.991	0.0500	1.000	0	99.1	80	120				
Aroclor 1260	0.987	0.0500	1.000	0	98.7	80	120				
Surr: Decachlorobiphenyl	206		200.0		103	30.2	155				
Surr: Tetrachloro-m-xylene	196		200.0		98.2	58.8	143				

Sample ID: 1660-CCV-37463A	SampType: CCV	Units: mg/Kg	Prep Date: 8/17/2022	RunNo: 77597							
Client ID: CCV	Batch ID: 37463		Analysis Date: 8/17/2022	SeqNo: 1593964							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.04	0.0500	1.000	0	104	80	120				
Aroclor 1260	0.990	0.0500	1.000	0	99.0	80	120				
Surr: Decachlorobiphenyl	180		200.0		90.2	30.2	155				
Surr: Tetrachloro-m-xylene	182		200.0		90.8	58.8	143				

Work Order: 2208249
 CLIENT: Shannon & Wilson
 Project: 8801 Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: PCB ICB	SampType: ICB	Units: mg/Kg			Prep Date: 8/17/2022	RunNo: 77603					
Client ID: ICB	Batch ID: 37463				Analysis Date: 8/17/2022	SeqNo: 1594089					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	210		200.0		105	50.2	159				
Surr: Tetrachloro-m-xylene	207		200.0		103	60.3	134				

Sample ID: PCB ICV	SampType: ICV	Units: mg/Kg			Prep Date: 8/17/2022	RunNo: 77603					
Client ID: ICV	Batch ID: 37463				Analysis Date: 8/17/2022	SeqNo: 1594090					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.921	0.0500	1.000	0	92.1	80	120				
Aroclor 1260	0.843	0.0500	1.000	0	84.3	80	120				
Surr: Decachlorobiphenyl	202		200.0		101	30.2	155				
Surr: Tetrachloro-m-xylene	204		200.0		102	58.8	143				

Sample ID: MB-37463	SampType: MBLK	Units: mg/Kg			Prep Date: 8/17/2022	RunNo: 77597					
Client ID: MBLKS	Batch ID: 37463				Analysis Date: 8/17/2022	SeqNo: 1593965					
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									

Work Order: 2208249
 CLIENT: Shannon & Wilson
 Project: 8801 Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-37463	SampType: MBLK	Units: mg/Kg	Prep Date: 8/17/2022	RunNo: 77597							
Client ID: MBLKS	Batch ID: 37463	Analysis Date: 8/17/2022	SeqNo: 1593965								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	206		200.0		103	9.77	154				
Surr: Tetrachloro-m-xylene	194		200.0		96.8	24.2	187				

Sample ID: LCS-37463	SampType: LCS	Units: mg/Kg	Prep Date: 8/17/2022	RunNo: 77597							
Client ID: LCSS	Batch ID: 37463	Analysis Date: 8/17/2022	SeqNo: 1593966								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.04	0.0500	1.000	0	104	75.7	162				
Aroclor 1260	0.957	0.0500	1.000	0	95.7	57.8	183				
Surr: Decachlorobiphenyl	202		200.0		101	9.77	154				
Surr: Tetrachloro-m-xylene	189		200.0		94.5	24.2	187				

Sample ID: 2208229-002AMS	SampType: MS	Units: mg/Kg-dry	Prep Date: 8/17/2022	RunNo: 77597							
Client ID: BATCH	Batch ID: 37463	Analysis Date: 8/17/2022	SeqNo: 1593969								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.934	0.0439	0.8777	0	106	55.6	188				
Aroclor 1260	0.899	0.0439	0.8777	0	102	54.5	178				
Surr: Decachlorobiphenyl	180		175.5		102	9.77	154				
Surr: Tetrachloro-m-xylene	168		175.5		95.6	24.2	187				

Work Order: 2208249
 CLIENT: Shannon & Wilson
 Project: 8801 Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2208229-002AMSD	SampType: MSD	Units: mg/Kg-dry	Prep Date: 8/17/2022	RunNo: 77597							
Client ID: BATCH	Batch ID: 37463	Analysis Date: 8/17/2022	SeqNo: 1593970								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.881	0.0450	0.9007	0	97.8	55.6	188	0.9336	5.80	30	
Aroclor 1260	0.851	0.0450	0.9007	0	94.5	54.5	178	0.8992	5.48	30	
Surr: Decachlorobiphenyl	171		180.1		94.7	9.77	154		0		
Surr: Tetrachloro-m-xylene	152		180.1		84.1	24.2	187		0		

Sample ID: 1660-CCV-37463B	SampType: CCV	Units: mg/Kg	Prep Date: 8/18/2022	RunNo: 77597							
Client ID: CCV	Batch ID: 37463	Analysis Date: 8/18/2022	SeqNo: 1593983								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.999	0.0500	1.000	0	99.9	80	120				
Aroclor 1260	1.00	0.0500	1.000	0	100	80	120				
Surr: Decachlorobiphenyl	193		200.0		96.5	30.2	155				
Surr: Tetrachloro-m-xylene	168		200.0		83.9	58.8	143				

Sample ID: 1660-CCV-37433A	SampType: CCV	Units: mg/Kg	Prep Date: 8/18/2022	RunNo: 77632							
Client ID: CCV	Batch ID: 37433	Analysis Date: 8/18/2022	SeqNo: 1594735								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.910	0.0500	1.000	0	91.0	80	120				
Aroclor 1260	0.904	0.0500	1.000	0	90.4	80	120				
Surr: Decachlorobiphenyl	153		200.0		76.7	30.2	155				
Surr: Tetrachloro-m-xylene	188		200.0		94.2	58.8	143				

Sample ID: 1660-CCV-37433B	SampType: CCV	Units: mg/Kg	Prep Date: 8/18/2022	RunNo: 77632							
Client ID: CCV	Batch ID: 37433	Analysis Date: 8/18/2022	SeqNo: 1594752								
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.992	0.0500	1.000	0	99.2	80	120				
Aroclor 1260	0.957	0.0500	1.000	0	95.7	80	120				
Surr: Decachlorobiphenyl	127		200.0		63.4	30.2	155				

Work Order: 2208249
CLIENT: Shannon & Wilson
Project: 8801 Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 1660-CCV-37433B	SampType: CCV	Units: mg/Kg	Prep Date: 8/18/2022	RunNo: 77632							
Client ID: CCV	Batch ID: 37433		Analysis Date: 8/18/2022	SeqNo: 1594752							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Tetrachloro-m-xylene	203		200.0		101	58.8	143				

Client Name: SW	Work Order Number: 2208249
Logged by: Clare Griggs	Date Received: 8/17/2022 4:04:00 PM

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >2°C to 6°C * Yes No NA
- Samples were collected the same day and chilled.
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Sample	8.3

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

DATA SET for Review - Deliverable Requirements

Polychlorinated Biphenyls (PCB) by EPA 8082

Fremont Analytical Work Order No. 2208249

Shannon & Wilson

Project Name: 8801- Excavations

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information

Data Directory: D:\GC-25\Data\220413\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 041305.D 1660	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 03:39 pm
2) 041306.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 03:54 pm
3) 041307.D 1660	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:04 pm
4) 041308.D 1254	PCB_GC25_PEST_190228.M	7	1.000	14 Apr 2022 04:14 pm
5) 041309.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:23 pm
6) 041310.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:33 pm
7) 041311.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:43 pm
8) 041312.D PCB 8	PCB_GC25_PEST_190228.M	101	1.000	14 Apr 2022 04:53 pm
9) 041313.D PCB 20	PCB_GC25_PEST_190228.M	102	1.000	14 Apr 2022 05:03 pm
10) 041314.D PCB 50	PCB_GC25_PEST_190228.M	103	1.000	14 Apr 2022 05:13 pm
11) 041315.D PCB 100	PCB_GC25_PEST_190228.M	104	1.000	14 Apr 2022 05:22 pm
12) 041316.D PCB 200	PCB_GC25_PEST_190228.M	105	1.000	14 Apr 2022 05:32 pm
13) 041317.D PCB 500	PCB_GC25_PEST_190228.M	106	1.000	14 Apr 2022 05:42 pm
14) 041318.D PCB 1000	PCB_GC25_PEST_190228.M	107	1.000	14 Apr 2022 05:52 pm
15) 041319.D PCB 2000	PCB_GC25_PEST_190228.M	108	1.000	14 Apr 2022 06:01 pm
16) 041320.D PCB ICB	PCB_GC25_PEST_190228.M	109	1.000	14 Apr 2022 06:11 pm
17) 041321.D PCB ICV	PCB_GC25_PEST_190228.M	110	1.000	14 Apr 2022 06:21 pm
18) 041322.D PCB 1221	PCB_GC25_PEST_190228.M	111	1.000	14 Apr 2022 06:31 pm
19) 041323.D PCB 1232	PCB_GC25_PEST_190228.M	112	1.000	14 Apr 2022 06:41 pm
20) 041324.D PCB 1242	PCB_GC25_PEST_190228.M	113	1.000	14 Apr 2022 06:50 pm
21) 041325.D PCB 1248	PCB_GC25_PEST_190228.M	114	1.000	14 Apr 2022 07:00 pm

22)	041326.D	PCB_GC25_PEST_190228.M					
PCB 1254			115	1.000	14 Apr 2022	07:10 pm	

23)	041327.D	PCB_GC25_PEST_190228.M					
PCB 1262			116	1.000	14 Apr 2022	07:20 pm	

24)	041328.D	PCB_GC25_PEST_190228.M					
PCB 1268			117	1.000	14 Apr 2022	07:30 pm	

25)	042902.D	PCB_GC25_PEST_190228.M					
1660			150	1.000	29 Apr 2022	08:57 am	

Data Directory: D:\GC-25\Data\220817\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 081701.D CO	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022 09:04 am
2) 081702.D PRIMER	PCB_GC25_PEST_190228.M	1	1.000	17 Aug 2022 09:14 am
3) 081703.D DEG CHECK	PCB_GC25_PEST_190228.M	2	1.000	17 Aug 2022 09:23 am
4) 081704.D PEST CCV	PCB_GC25_PEST_190228.M	3	1.000	17 Aug 2022 09:33 am
5) 081705.D TOX CCV	PCB_GC25_PEST_190228.M	4	1.000	17 Aug 2022 09:43 am
6) 081706.D CHLOR CCV	PCB_GC25_PEST_190228.M	5	1.000	17 Aug 2022 09:52 am
7) 081707.D MB-37437	PCB_GC25_PEST_190228.M	11	1.000	17 Aug 2022 10:11 am
8) 081708.D LCS1-37437	PCB_GC25_PEST_190228.M	12	1.000	17 Aug 2022 10:21 am
9) 081709.D LCS2-37437	PCB_GC25_PEST_190228.M	13	1.000	17 Aug 2022 10:30 am
10) 081710.D LCS3-37437	PCB_GC25_PEST_190228.M	31	1.000	17 Aug 2022 10:40 am
11) 081711.D 2208165-001A	PCB_GC25_PEST_190228.M	14	1.000	17 Aug 2022 10:50 am
12) 081712.D CO	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022 10:59 am
13) 081713.D 2208166-001A	PCB_GC25_PEST_190228.M	15	1.000	17 Aug 2022 11:09 am
14) 081714.D 2208166-002A	PCB_GC25_PEST_190228.M	16	1.000	17 Aug 2022 11:19 am
15) 081715.D CO	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022 11:29 am
16) 081716.D 2208172-001A	PCB_GC25_PEST_190228.M	17	1.000	17 Aug 2022 11:38 am
17) 081717.D 2208172-002A	PCB_GC25_PEST_190228.M	18	1.000	17 Aug 2022 11:48 am
18) 081718.D 2208172-003A	PCB_GC25_PEST_190228.M	19	1.000	17 Aug 2022 11:58 am
19) 081719.D CO	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022 12:07 pm
20) 081720.D 2208172-005A	PCB_GC25_PEST_190228.M	20	1.000	17 Aug 2022 12:17 pm
21) 081721.D CO	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022 12:27 pm

22)	081722.D	PCB_GC25_PEST_190228.M	21	1.000	17 Aug 2022	12:37 pm
	2208172-006A					
23)	081723.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	12:46 pm
	CO					
24)	081724.D	PCB_GC25_PEST_190228.M	22	1.000	17 Aug 2022	12:56 pm
	2208172-007A					
25)	081725.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	01:06 pm
	CO					
26)	081726.D	PCB_GC25_PEST_190228.M	23	1.000	17 Aug 2022	01:16 pm
	2208172-009A					
27)	081727.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	01:25 pm
	CO					
28)	081728.D	PCB_GC25_PEST_190228.M	24	1.000	17 Aug 2022	01:35 pm
	2208172-010A					
29)	081729.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	01:45 pm
	CO					
30)	081730.D	PCB_GC25_PEST_190228.M	25	1.000	17 Aug 2022	01:55 pm
	2208172-011A					
31)	081731.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	02:04 pm
	CO					
32)	081732.D	PCB_GC25_PEST_190228.M	26	1.000	17 Aug 2022	02:14 pm
	2208172-013A					
33)	081733.D	PCB_GC25_PEST_190228.M	27	1.000	17 Aug 2022	02:24 pm
	2208172-014A					
34)	081734.D	PCB_GC25_PEST_190228.M	28	1.000	17 Aug 2022	02:33 pm
	2208172-015A					
35)	081735.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	02:43 pm
	CO					
36)	081736.D	PCB_GC25_PEST_190228.M	29	1.000	17 Aug 2022	02:53 pm
	2208172-015AMS					
37)	081737.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	03:03 pm
	CO					
38)	081738.D	PCB_GC25_PEST_190228.M	30	1.000	17 Aug 2022	03:12 pm
	2208172-015AMSD					
39)	081739.D	PCB_GC25_PEST_190228.M	150	1.000	17 Aug 2022	03:22 pm
	CO					
40)	081740.D	PCB_GC25_PEST_190228.M	3	1.000	17 Aug 2022	03:32 pm
	PEST CCV					
41)	081741.D	PCB_GC25_PEST_190228.M	4	1.000	17 Aug 2022	03:42 pm
	TOX CCV					
42)	081742.D	PCB_GC25_PEST_190228.M	5	1.000	17 Aug 2022	03:51 pm
	CHLOR CCV					
43)	081743.D	PCB_GC25_PEST_190228.M	3	1.000	17 Aug 2022	04:01 pm
	PEST CCV					
44)	081744.D	PCB_GC25_PEST_190228.M	3	1.000	17 Aug 2022	04:11 pm
	PEST CCV					
45)	081745.D	PCB_GC25_PEST_190228.M				

NO			150	1.000	17 Aug 2022	04:21	pm
46)	081746.D	PCB_GC25_PEST_190228.M					
	1660-CCV-tfm		149	1.000	17 Aug 2022	04:45	pm
47)	081747.D	PCB_GC25_PEST_190228.M					
	MB-37433		77	1.000	17 Aug 2022	05:19	pm
48)	081748.D	PCB_GC25_PEST_190228.M					
	LCS-37433		78	1.000	17 Aug 2022	05:29	pm
49)	081749.D	PCB_GC25_PEST_190228.M					
	2208037-001A		79	1.000	17 Aug 2022	05:38	pm
50)	081750.D	PCB_GC25_PEST_190228.M					
	2208037-002A		80	1.000	17 Aug 2022	05:48	pm
51)	081751.D	PCB_GC25_PEST_190228.M					
	2208037-003A		81	1.000	17 Aug 2022	05:58	pm
52)	081752.D	PCB_GC25_PEST_190228.M					
	2208037-004A		82	1.000	17 Aug 2022	06:08	pm
53)	081753.D	PCB_GC25_PEST_190228.M					
	2208158-002A		83	1.000	17 Aug 2022	06:17	pm
54)	081754.D	PCB_GC25_PEST_190228.M					
	2208158-003A		84	1.000	17 Aug 2022	06:27	pm
55)	081755.D	PCB_GC25_PEST_190228.M					
	2208158-004A		85	1.000	17 Aug 2022	06:37	pm
56)	081756.D	PCB_GC25_PEST_190228.M					
	2208158-005A		86	1.000	17 Aug 2022	06:47	pm
57)	081757.D	PCB_GC25_PEST_190228.M					
	2208158-006A		87	1.000	17 Aug 2022	06:56	pm
58)	081758.D	PCB_GC25_PEST_190228.M					
	2208158-006AMS		88	1.000	17 Aug 2022	07:06	pm
59)	081759.D	PCB_GC25_PEST_190228.M					
	2208158-006AMSD		89	1.000	17 Aug 2022	07:16	pm
60)	081760.D	PCB_GC25_PEST_190228.M					
	2208158-007A		90	1.000	17 Aug 2022	07:26	pm
61)	081761.D	PCB_GC25_PEST_190228.M					
	2208158-008A		91	1.000	17 Aug 2022	07:36	pm
62)	081762.D	PCB_GC25_PEST_190228.M					
	2208158-009A		92	1.000	17 Aug 2022	07:45	pm
63)	081763.D	PCB_GC25_PEST_190228.M					
	2208165-001A		93	1.000	17 Aug 2022	07:55	pm
64)	081764.D	PCB_GC25_PEST_190228.M					
	2208166-001A		94	1.000	17 Aug 2022	08:05	pm
65)	081765.D	PCB_GC25_PEST_190228.M					
	2208166-002A		95	1.000	17 Aug 2022	08:14	pm
66)	081766.D	PCB_GC25_PEST_190228.M					
	2208184-002A		96	1.000	17 Aug 2022	08:24	pm
67)	081767.D	PCB_GC25_PEST_190228.M					
	2208184-003A		97	1.000	17 Aug 2022	08:34	pm
68)	081768.D	PCB_GC25_PEST_190228.M					
	2208184-005A		98	1.000	17 Aug 2022	08:44	pm

69) 081769.D 2208184-006A	PCB_GC25_PEST_190228.M	99	1.000	17 Aug 2022	08:53 pm
70) 081770.D 2208184-007A	PCB_GC25_PEST_190228.M	100	1.000	17 Aug 2022	09:03 pm
71) 081771.D MB-37463	PCB_GC25_PEST_190228.M	33	1.000	17 Aug 2022	09:13 pm
72) 081772.D LCS-37463	PCB_GC25_PEST_190228.M	34	1.000	17 Aug 2022	09:23 pm
73) 081773.D 2208229-001A	PCB_GC25_PEST_190228.M	35	1.000	17 Aug 2022	09:32 pm
74) 081774.D 2208229-002A	PCB_GC25_PEST_190228.M	36	1.000	17 Aug 2022	09:42 pm
75) 081775.D 2208229-002AMS	PCB_GC25_PEST_190228.M	37	1.000	17 Aug 2022	09:52 pm
76) 081776.D 2208229-002AMSD	PCB_GC25_PEST_190228.M	38	1.000	17 Aug 2022	10:01 pm
77) 081777.D 2208229-003A	PCB_GC25_PEST_190228.M	39	1.000	17 Aug 2022	10:11 pm
78) 081778.D 2208229-004A	PCB_GC25_PEST_190228.M	40	1.000	17 Aug 2022	10:21 pm
79) 081779.D 2208229-005A	PCB_GC25_PEST_190228.M	41	1.000	17 Aug 2022	10:31 pm
80) 081780.D 2208229-006A	PCB_GC25_PEST_190228.M	42	1.000	17 Aug 2022	10:41 pm
81) 081781.D 2208229-007A	PCB_GC25_PEST_190228.M	43	1.000	17 Aug 2022	10:50 pm
82) 081782.D 2208229-008A	PCB_GC25_PEST_190228.M	44	1.000	17 Aug 2022	11:00 pm
83) 081783.D 2208229-009A	PCB_GC25_PEST_190228.M	45	1.000	17 Aug 2022	11:10 pm
84) 081784.D 2208229-010A	PCB_GC25_PEST_190228.M	46	1.000	17 Aug 2022	11:19 pm
85) 081785.D 2208229-011A	PCB_GC25_PEST_190228.M	47	1.000	17 Aug 2022	11:29 pm
86) 081786.D 2208229-012A	PCB_GC25_PEST_190228.M	48	1.000	17 Aug 2022	11:39 pm
87) 081787.D 2208229-013A	PCB_GC25_PEST_190228.M	49	1.000	17 Aug 2022	11:49 pm
88) 081788.D 2208229-014A	PCB_GC25_PEST_190228.M	50	1.000	17 Aug 2022	11:58 pm
89) 081789.D CO	PCB_GC25_PEST_190228.M	149	1.000	18 Aug 2022	12:08 am
90) 081790.D CO	PCB_GC25_PEST_190228.M	149	1.000	18 Aug 2022	12:18 am
91) 081791.D CO	PCB_GC25_PEST_190228.M	149	1.000	18 Aug 2022	12:28 am

Data Directory: D:\GC-16\Data\2022\081722\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 081701.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 12:47 pm
2) 081702.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 12:56 pm
3) 081703.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 01:06 pm
4) 081704.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 01:16 pm
5) 081705.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 01:26 pm
6) 081706.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 01:36 pm
7) 081707.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 01:46 pm
8) 081708.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 01:55 pm
9) 081709.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 02:05 pm
10) 081710.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 02:15 pm
11) 081711.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 02:25 pm
12) 081712.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 02:34 pm
13) 081713.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 02:44 pm
14) 081714.D CO	8081_8082A_608.M	1	1.000	17 Aug 2022 04:41 pm
15) 081715.D PCB 5	8081_8082A_608.M	11	1.000	17 Aug 2022 05:10 pm
16) 081716.D PCB 20	8081_8082A_608.M	12	1.000	17 Aug 2022 05:20 pm
17) 081717.D PCB 50	8081_8082A_608.M	13	1.000	17 Aug 2022 05:30 pm
18) 081718.D PCB 100	8081_8082A_608.M	14	1.000	17 Aug 2022 05:40 pm
19) 081719.D PCB 200	8081_8082A_608.M	15	1.000	17 Aug 2022 05:49 pm
20) 081720.D PCB 500	8081_8082A_608.M	16	1.000	17 Aug 2022 05:59 pm
21) 081721.D PCB 1000	8081_8082A_608.M	17	1.000	17 Aug 2022 06:09 pm

22) 081722.D PCB 2000	8081_8082A_608.M	18	1.000	17 Aug 2022	06:19 pm
23) 081723.D PCB ICB	8081_8082A_608.M	19	1.000	17 Aug 2022	06:29 pm
24) 081724.D PCB ICV	8081_8082A_608.M	20	1.000	17 Aug 2022	06:38 pm
25) 081725.D PCB 1221	8081_8082A_608.M	21	1.000	17 Aug 2022	06:48 pm
26) 081726.D PCB 1232	8081_8082A_608.M	22	1.000	17 Aug 2022	06:58 pm
27) 081727.D PCB 1242	8081_8082A_608.M	23	1.000	17 Aug 2022	07:08 pm
28) 081728.D PCB 1248	8081_8082A_608.M	24	1.000	17 Aug 2022	07:18 pm
29) 081729.D PCB 1254	8081_8082A_608.M	25	1.000	17 Aug 2022	07:27 pm
30) 081730.D PCB 1262	8081_8082A_608.M	26	1.000	17 Aug 2022	07:37 pm
31) 081731.D PCB 1268	8081_8082A_608.M	27	1.000	17 Aug 2022	07:47 pm
32) 081732.D 1660-CCV-	8081_8082A_608.M	15	1.000	17 Aug 2022	07:57 pm
33) 081733.D MB-37235	8081_8082A_608.M	47	1.000	17 Aug 2022	08:07 pm
34) 081734.D LCS-37235	8081_8082A_608.M	48	1.000	17 Aug 2022	08:16 pm
35) 081735.D LCSD-37235	8081_8082A_608.M	49	1.000	17 Aug 2022	08:26 pm
36) 081736.D 2207003-017A	8081_8082A_608.M	50	1.000	17 Aug 2022	08:36 pm
37) 081737.D MB-37439	8081_8082A_608.M	41	1.000	17 Aug 2022	08:46 pm
38) 081738.D LCS-37439	8081_8082A_608.M	42	1.000	17 Aug 2022	08:56 pm
39) 081739.D 2208169-004C	8081_8082A_608.M	43	1.000	17 Aug 2022	09:05 pm
40) 081740.D 2208169-005C	8081_8082A_608.M	44	1.000	17 Aug 2022	09:15 pm
41) 081741.D 2208169-008C	8081_8082A_608.M	45	1.000	17 Aug 2022	09:25 pm
42) 081742.D 2208184-008A	8081_8082A_608.M	46	1.000	17 Aug 2022	09:35 pm
43) 081743.D 2208184-009A	8081_8082A_608.M	47	1.000	17 Aug 2022	09:45 pm
44) 081744.D 2208184-010A	8081_8082A_608.M	48	1.000	17 Aug 2022	09:54 pm
45) 081745.D	8081_8082A_608.M				

2208184-011A		49	1.000	17 Aug 2022	10:04 pm
46) 081746.D	8081_8082A_608.M				
2208184-012A		50	1.000	17 Aug 2022	10:14 pm
47) 081747.D	8081_8082A_608.M				
2208184-013A		51	1.000	17 Aug 2022	10:24 pm
48) 081748.D	8081_8082A_608.M				
2208184-014A		52	1.000	17 Aug 2022	10:34 pm
49) 081749.D	8081_8082A_608.M				
2208191-002A		53	1.000	17 Aug 2022	10:43 pm
50) 081750.D	8081_8082A_608.M				
2208191-002AMS		54	1.000	17 Aug 2022	10:53 pm
51) 081751.D	8081_8082A_608.M				
2208191-002AMSD		55	1.000	17 Aug 2022	11:03 pm
52) 081752.D	8081_8082A_608.M				
2208191-003A		56	1.000	17 Aug 2022	11:13 pm
53) 081753.D	8081_8082A_608.M				
2208191-004A		57	1.000	17 Aug 2022	11:23 pm
54) 081754.D	8081_8082A_608.M				
2208191-005A		58	1.000	17 Aug 2022	11:32 pm
55) 081755.D	8081_8082A_608.M				
2208191-006A		59	1.000	17 Aug 2022	11:42 pm
56) 081756.D	8081_8082A_608.M				
2208191-007A		60	1.000	17 Aug 2022	11:52 pm
57) 081757.D	8081_8082A_608.M				
2208191-008A		61	1.000	18 Aug 2022	12:02 am
58) 081758.D	8081_8082A_608.M				
2208191-009A		62	1.000	18 Aug 2022	12:12 am
59) 081759.D	8081_8082A_608.M				
2208191-010A		63	1.000	18 Aug 2022	12:21 am
60) 081760.D	8081_8082A_608.M				
MB-37451		66	1.000	18 Aug 2022	12:31 am
61) 081761.D	8081_8082A_608.M				
LCS-37451		67	1.000	18 Aug 2022	12:41 am
62) 081762.D	8081_8082A_608.M				
LCSD-37451		68	1.000	18 Aug 2022	12:51 am
63) 081763.D	8081_8082A_608.M				
2208169-009B		69	1.000	18 Aug 2022	01:01 am
64) 081764.D	8081_8082A_608.M				
2208169-009BMS		70	1.000	18 Aug 2022	01:11 am
65) 081765.D	8081_8082A_608.M				
CO		15	1.000	18 Aug 2022	01:20 am
66) 081766.D	8081_8082A_608.M				
CO		15	1.000	18 Aug 2022	01:30 am
67) 081767.D	8081_8082A_608.M				
CO		15	1.000	18 Aug 2022	01:40 am
68) 081768.D	8081_8082A_608.M				
1660-CCV-		15	1.000	18 Aug 2022	01:50 am

Data Directory: D:\GC-16\Data\2022\081922\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 081901.D CO	8081_8082A_608.M	1	1.000	19 Aug 2022 08:00 am
2) 081902.D 1660-CCV-tfm	8081_8082A_608.M	1	1.000	19 Aug 2022 08:10 am
3) 081903.D 1660-CCV-new	8081_8082A_608.M	2	1.000	19 Aug 2022 09:35 am
4) 081904.D CO	8081_8082A_608.M	2	1.000	19 Aug 2022 12:52 pm
5) 081905.D 1660-CCV-new	8081_8082A_608.M	2	1.000	19 Aug 2022 01:02 pm
6) 081906.D 2208166-001A	8081_8082A_608.M	28	1.000	19 Aug 2022 02:59 pm
7) 081907.D 2208166-002A	8081_8082A_608.M	29	1.000	19 Aug 2022 03:09 pm
8) 081908.D 1660-CCV-tfm	8081_8082A_608.M	1	1.000	19 Aug 2022 03:19 pm
9) 081909.D 2208184-002A	8081_8082A_608.M	30	1.000	19 Aug 2022 03:28 pm
10) 081910.D 2208184-003A	8081_8082A_608.M	31	1.000	19 Aug 2022 03:38 pm
11) 081911.D 2208184-005A	8081_8082A_608.M	32	1.000	19 Aug 2022 03:48 pm
12) 081912.D 2208184-006A	8081_8082A_608.M	33	1.000	19 Aug 2022 03:58 pm
13) 081913.D 2208184-007A	8081_8082A_608.M	34	1.000	19 Aug 2022 04:08 pm
14) 081914.D 1660-CCV-tfm	8081_8082A_608.M	1	1.000	19 Aug 2022 04:17 pm
15) 081915.D 1660-CCV-tfm	8081_8082A_608.M	1	1.000	19 Aug 2022 04:29 pm
16) 081916.D 1660-CCV-tfm	8081_8082A_608.M	1	1.000	19 Aug 2022 04:39 pm
17) 081917.D 1660-CCV-new	8081_8082A_608.M	2	1.000	19 Aug 2022 04:53 pm
18) 081918.D 2208184-002A	8081_8082A_608.M	30	1.000	19 Aug 2022 05:03 pm
19) 081919.D 2208184-003A	8081_8082A_608.M	31	1.000	19 Aug 2022 05:13 pm
20) 081920.D 2208184-005A	8081_8082A_608.M	32	1.000	19 Aug 2022 05:23 pm
21) 081921.D 2208184-006A	8081_8082A_608.M	33	1.000	19 Aug 2022 05:33 pm

22) 081922.D 2208184-007A	8081_8082A_608.M	34	1.000	19 Aug 2022	05:43 pm
23) 081923.D CO	8081_8082A_608.M	2	1.000	19 Aug 2022	05:52 pm
24) 081924.D MB-37483	8081_8082A_608.M	71	1.000	19 Aug 2022	06:02 pm
25) 081925.D LCS-LL-37483	8081_8082A_608.M	72	1.000	19 Aug 2022	06:12 pm
26) 081926.D LCS-37483	8081_8082A_608.M	73	1.000	19 Aug 2022	06:22 pm
27) 081927.D LCSD-37483	8081_8082A_608.M	74	1.000	19 Aug 2022	06:32 pm
28) 081928.D 2208243-001A	8081_8082A_608.M	75	1.000	19 Aug 2022	06:41 pm
29) 081929.D 2208252-005D	8081_8082A_608.M	76	1.000	19 Aug 2022	06:51 pm
30) 081930.D CO	8081_8082A_608.M	2	1.000	19 Aug 2022	07:01 pm
31) 081931.D CO	8081_8082A_608.M	2	1.000	19 Aug 2022	07:11 pm
32) 081932.D 1660-CCV-new	8081_8082A_608.M	2	1.000	19 Aug 2022	07:21 pm



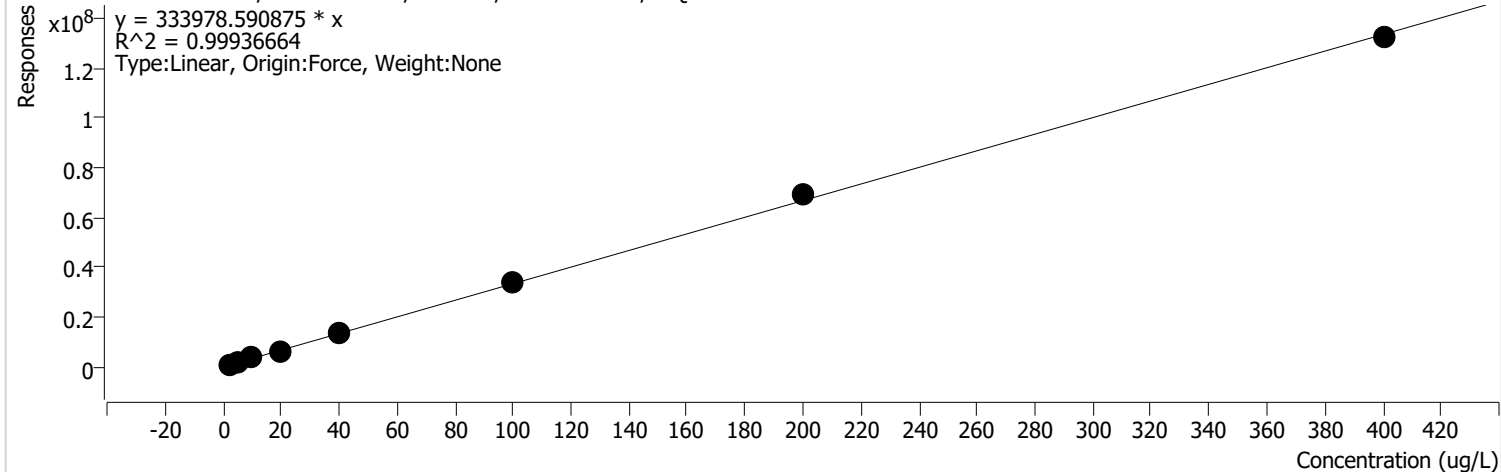
Calibration

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
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Report Time	4/29/2022 3:24:33 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

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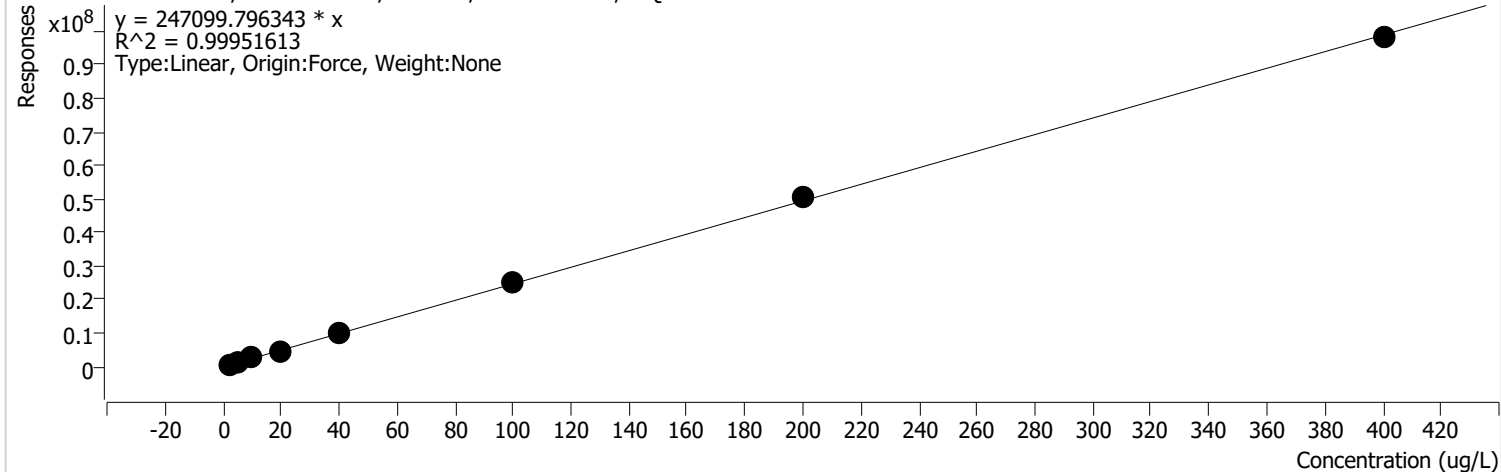
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	1479594	5.0000	295918.7 555	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	4013955	10.0000	401395.5 101	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	5800560	20.0000	290027.9 938	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	13242000	40.0000	331050.0 118	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	34407320	100.0000	344073.2 038	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	69115366	200.0000	345576.8 289	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	132219389	400.0000	330548.4 713	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

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Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

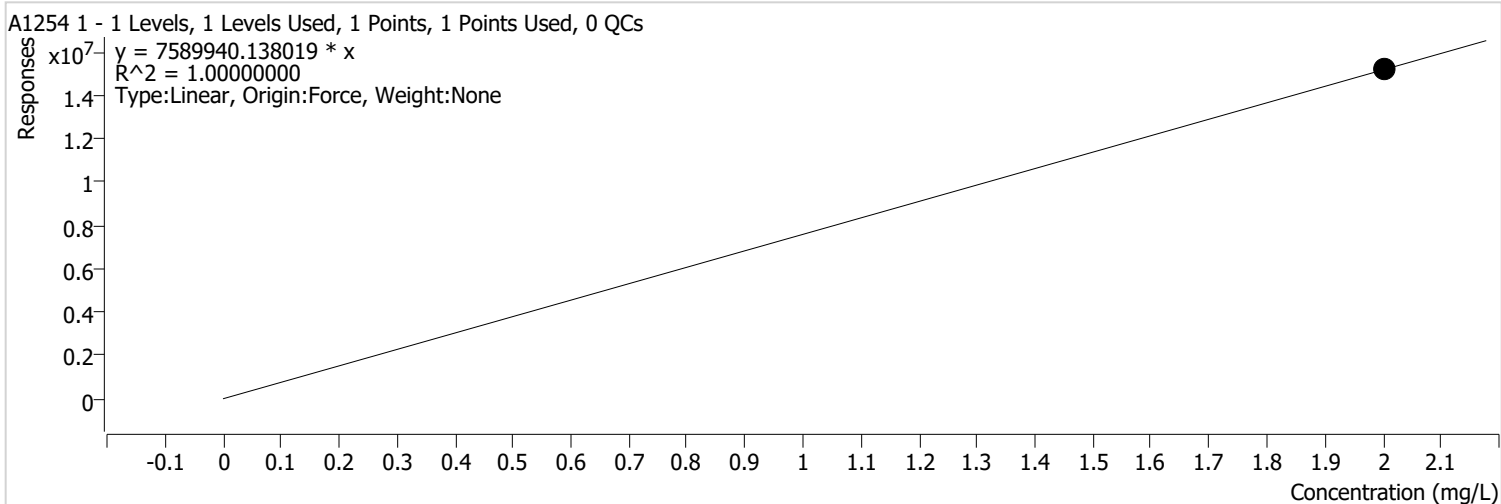


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	1097830	5.0000	219566.0 924	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	2963908	10.0000	296390.7 661	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	4267578	20.0000	213378.9 026	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	9689080	40.0000	242226.9 948	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	25213582	100.0000	252135.8 231	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	50933338	200.0000	254666.6 921	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	97999220	400.0000	244998.0 505	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE =



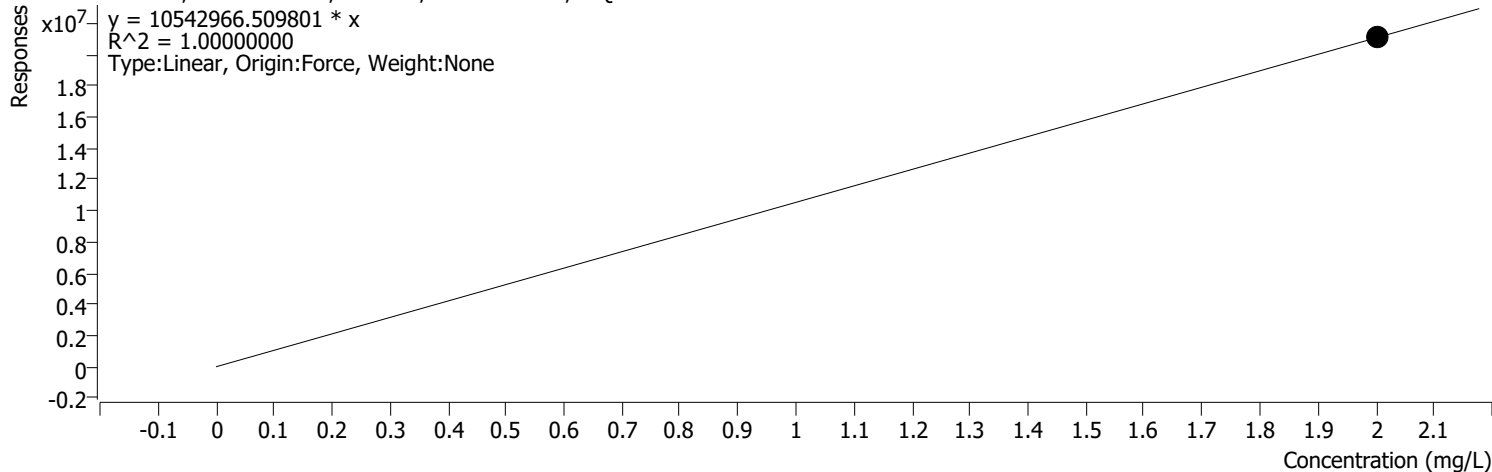
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Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin		
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Report Time	4/29/2022 3:24:34 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 2 %RSE =

A1254 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



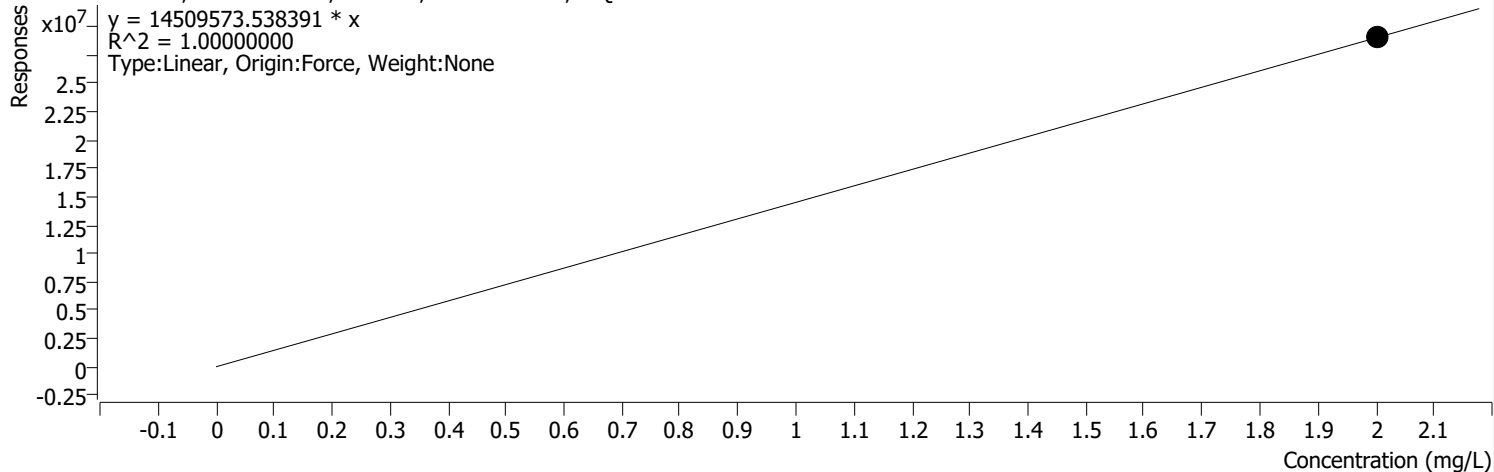
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Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE =

A1254 3 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



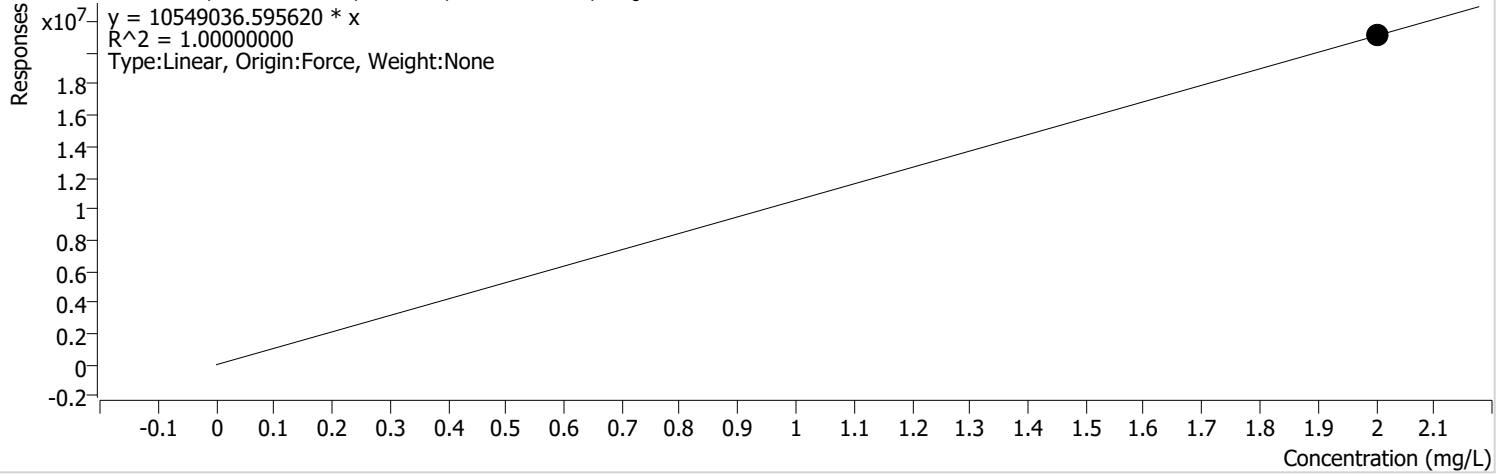
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Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin		
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Report Time	4/29/2022 3:24:34 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 1 2 %RSE =

A1254 1 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



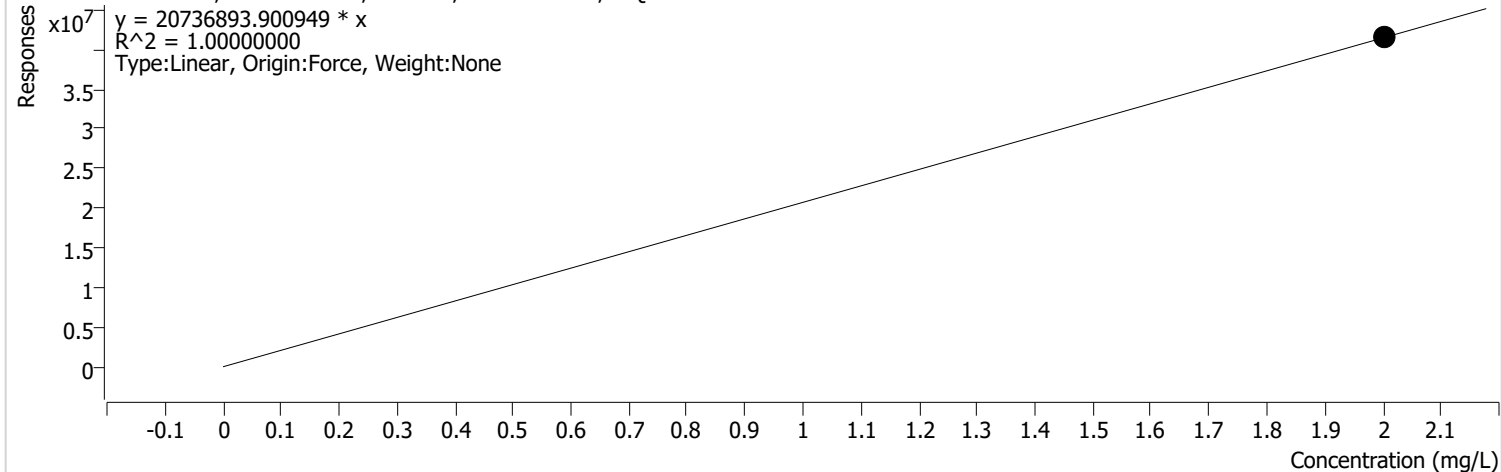
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Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin		
Analysis Time	4/29/2022 3:22 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:22 PM	Batch State	Processed
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A1254 2 2 %RSE =

A1254 2 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



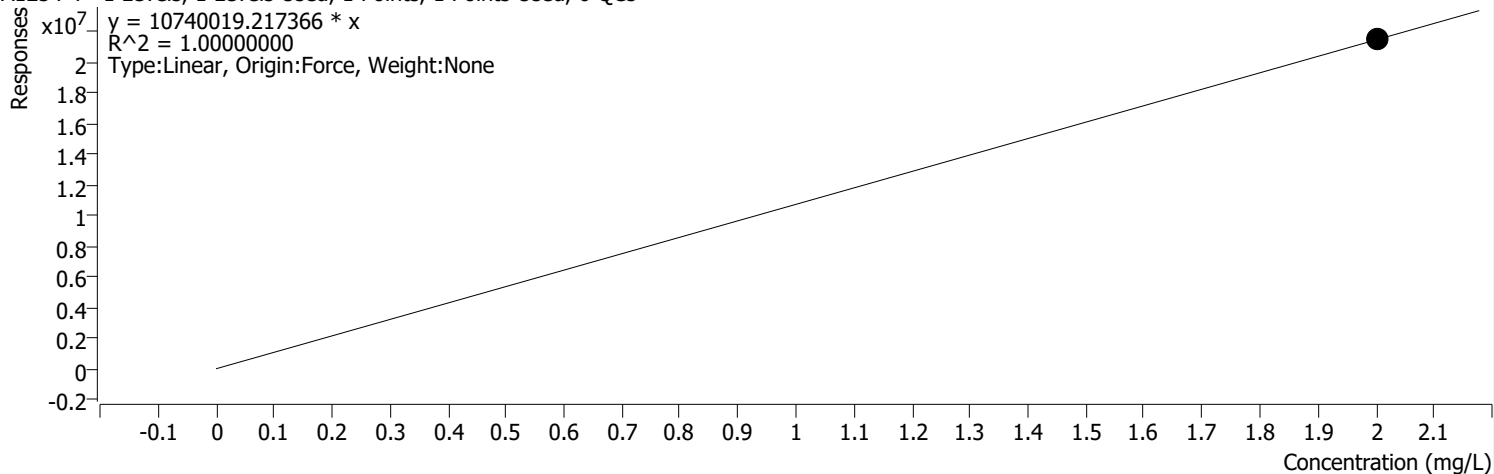
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Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin		
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Report Time	4/29/2022 3:24:34 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 4 %RSE =

A1254 4 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs

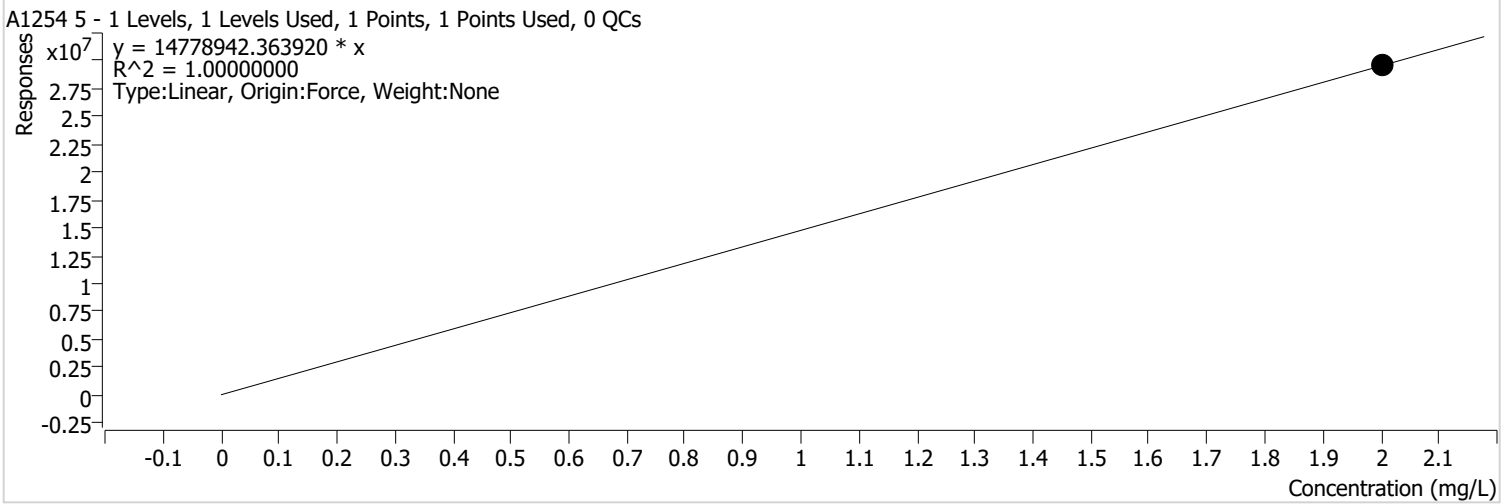


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE =



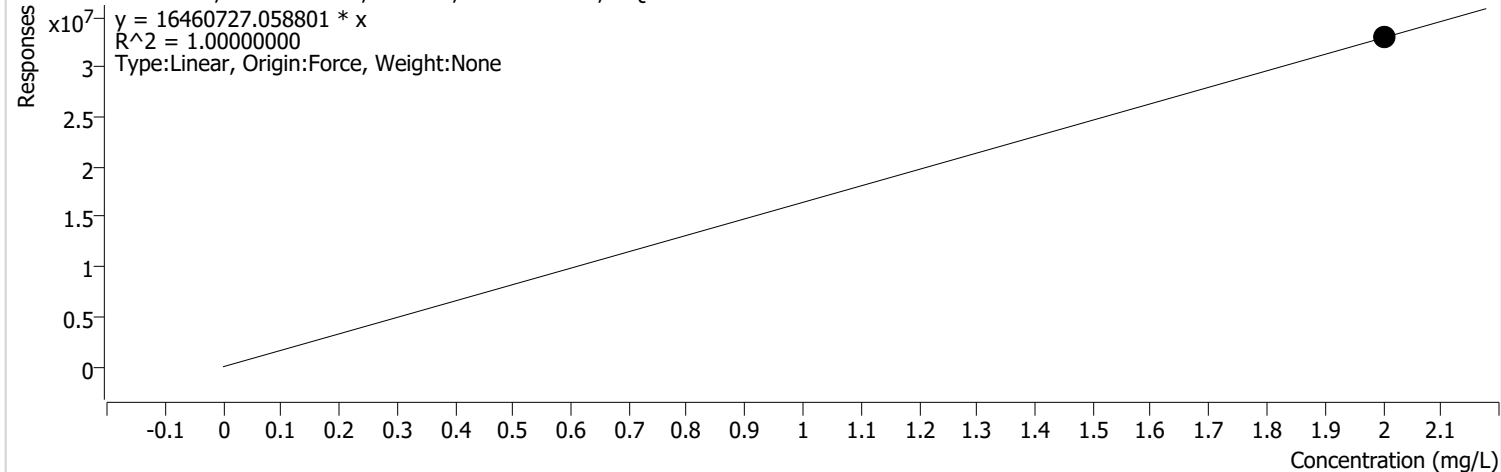
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 2 %RSE =

A1254 3 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs

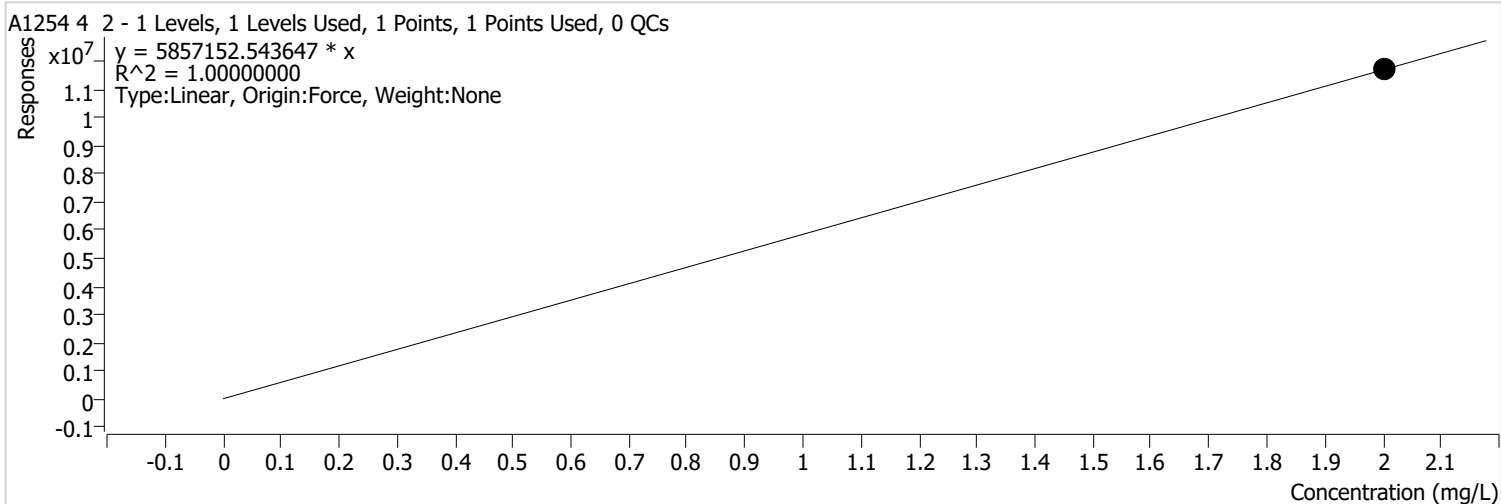


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Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 2 %RSE =

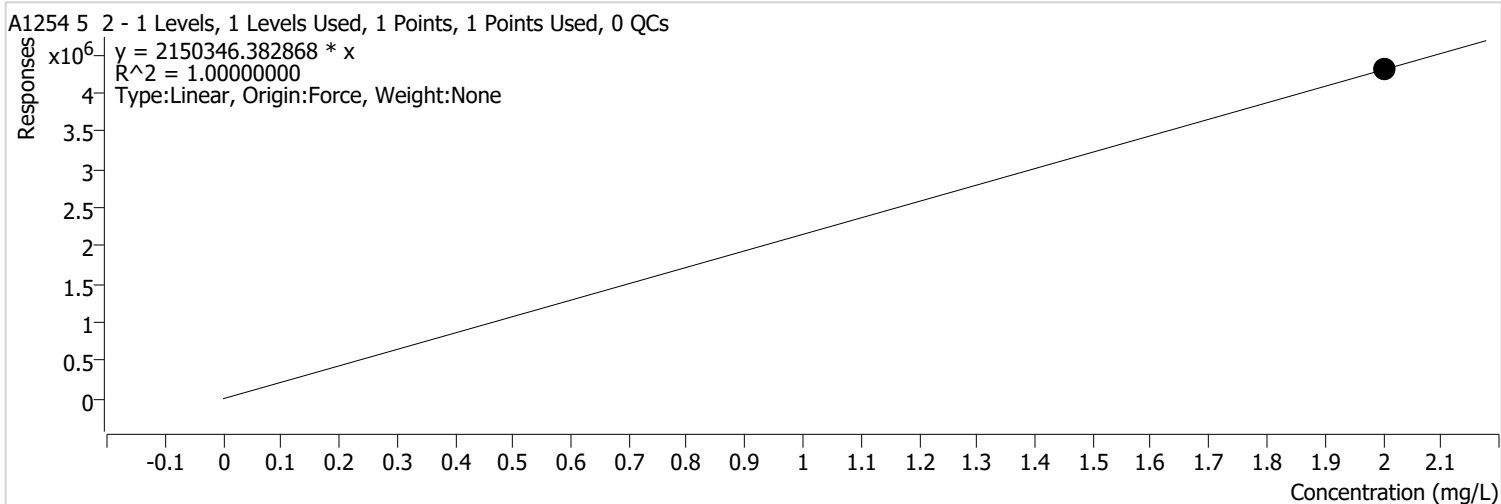


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	11714305	2.0000	5857152.5436	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 2 %RSE =



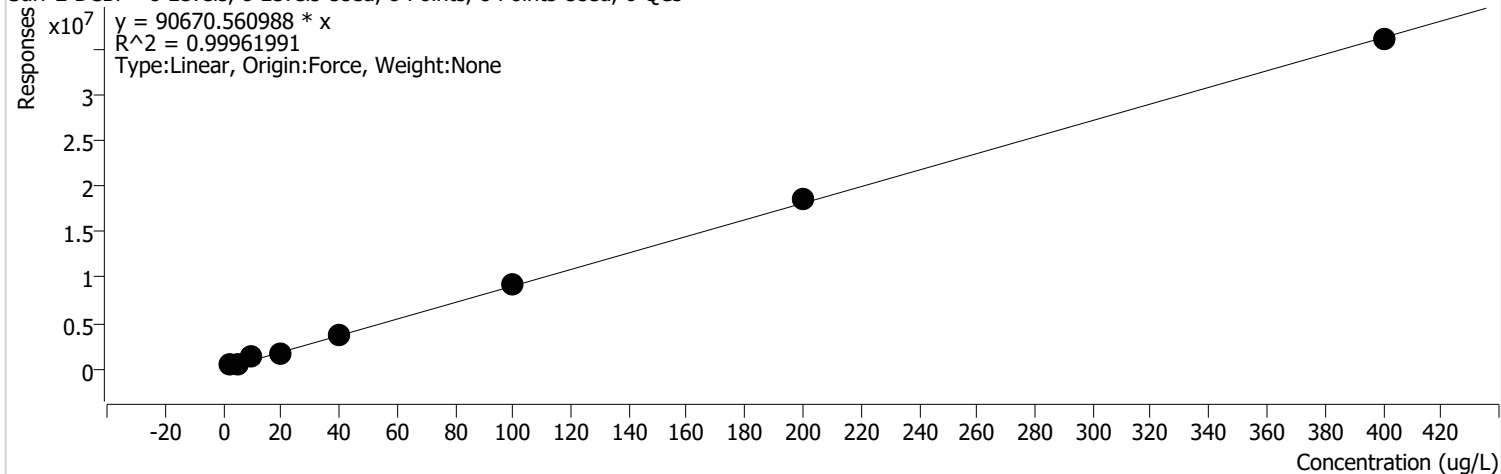
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	4300693	2.0000	2150346.3829	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin		
Analysis Time	4/29/2022 3:22 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



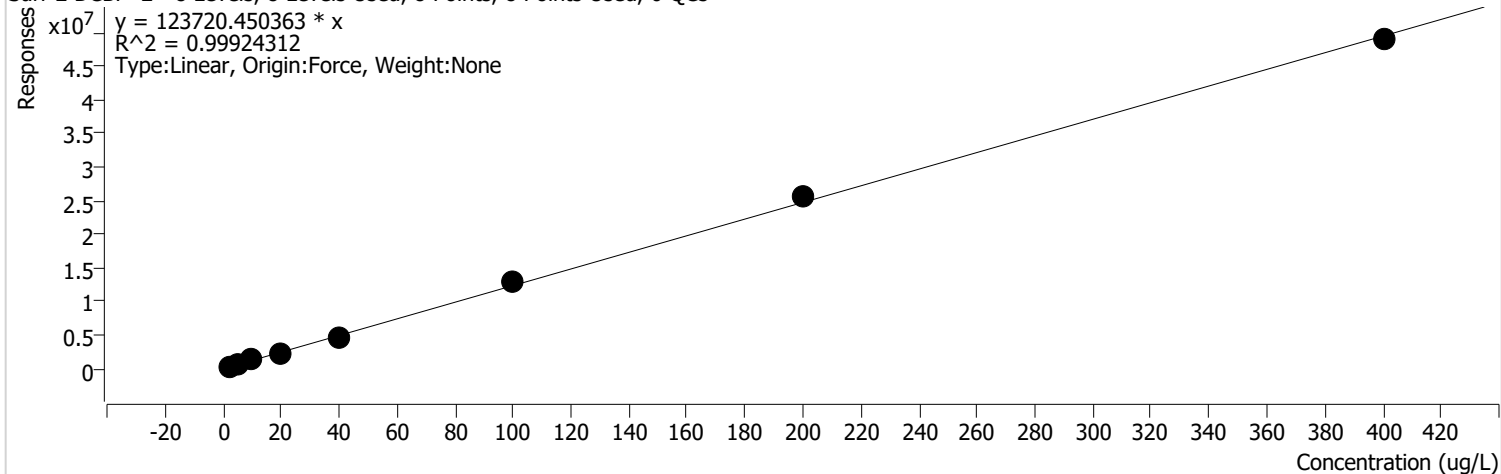
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	372999	2.5000	149199.5566	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	532640	5.0000	106527.9789	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1275338	10.0000	127533.8283	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1697421	20.0000	84871.0429	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3645921	40.0000	91148.0140	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9312484	100.0000	93124.8382	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18485909	200.0000	92429.5454	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	36023737	400.0000	90059.3433	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin		
Analysis Time	4/29/2022 3:22 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP 2 %RSE =

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



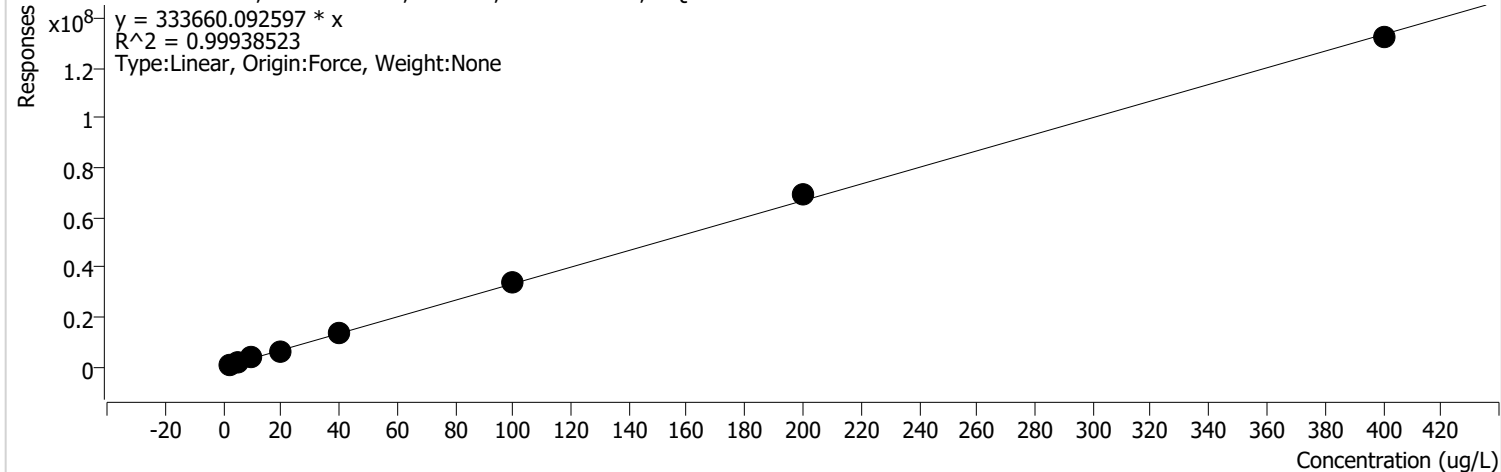
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	460776	2.5000	184310.5735	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	694737	5.0000	138947.4373	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1511942	10.0000	151194.1657	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	2393050	20.0000	119652.4878	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	4790557	40.0000	119763.9356	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	12993931	100.0000	129939.3116	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	25590904	200.0000	127954.5211	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	48920429	400.0000	122301.0718	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:49 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX 2 %RSE = 12.5

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



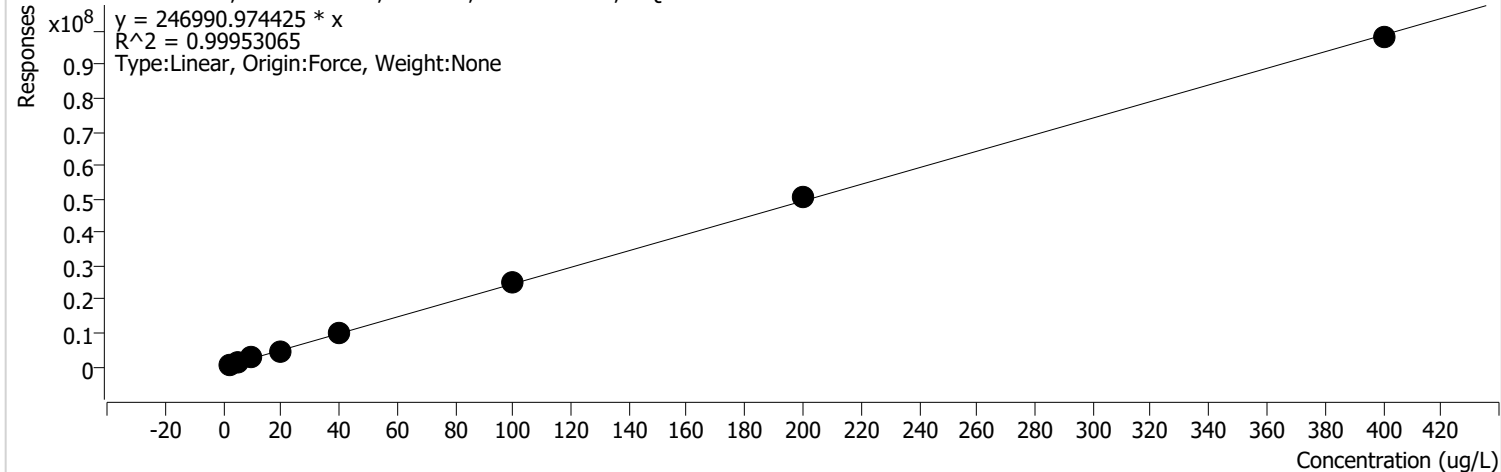
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	942622	2.5000	377048.6 158	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	1423745	5.0000	284749.0 467	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	3945533	10.0000	394553.3 322	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	5739991	20.0000	286999.5 489	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	13192532	40.0000	329813.3 099	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	34332107	100.0000	343321.0 719	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	69021640	200.0000	345108.1 988	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	132126905	400.0000	330317.2 632	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX %RSE = 13.0

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



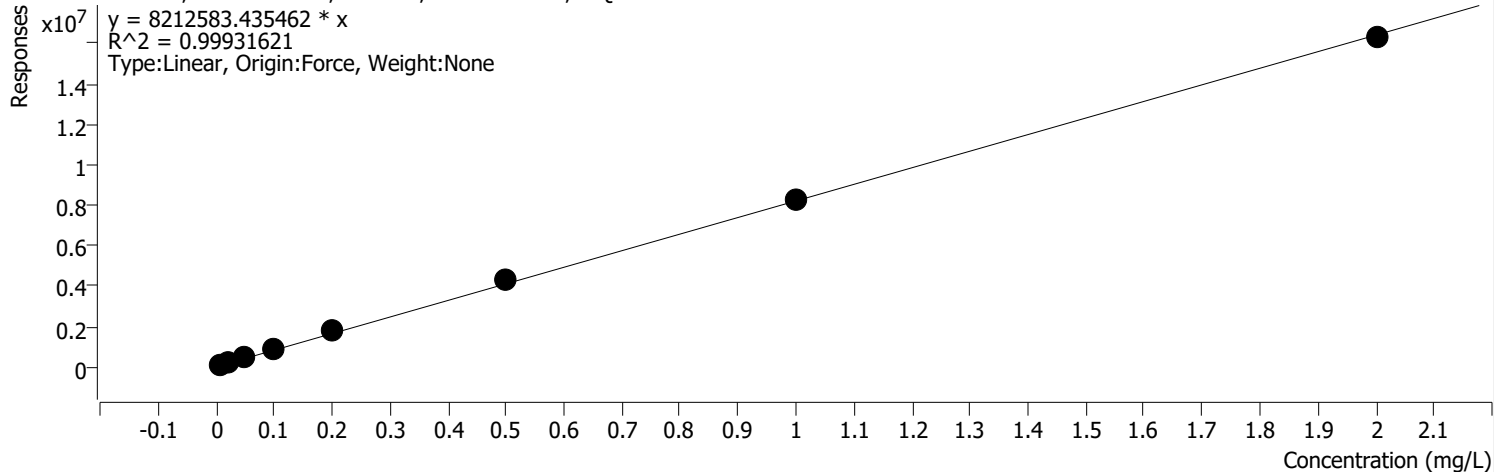
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	718542	2.5000	287416.8 121	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	1076230	5.0000	215246.0 110	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	2940074	10.0000	294007.3 579	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	4252024	20.0000	212601.2 104	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	9672795	40.0000	241819.8 869	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	25186698	100.0000	251866.9 802	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	50885755	200.0000	254428.7 745	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	97975382	400.0000	244938.4 551	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 1 %RSE = 36.0

A1016 1 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



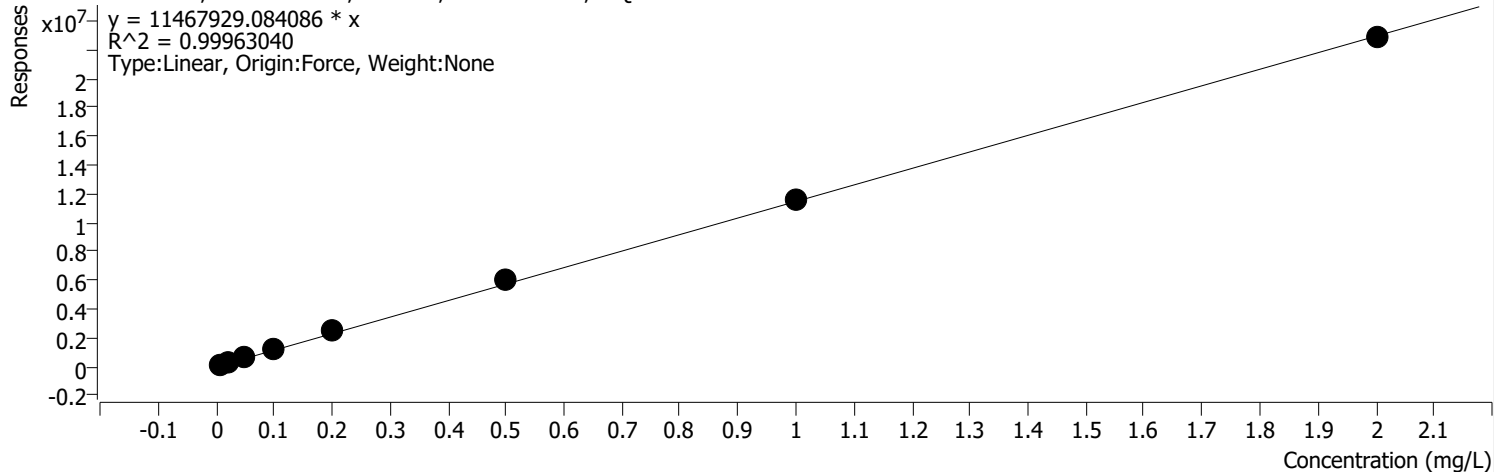
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	112110	0.0080	14013781.4463	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	228360	0.0200	11417984.2500	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	538830	0.0500	10776608.8616	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	906243	0.1000	9062427.8271	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1844640	0.2000	9223200.3259	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4334139	0.5000	8668278.7875	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	8321135	1.0000	8321135.1656	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	16285436	2.0000	8142717.8884	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 1 2 %RSE = 30.9

A1016 1 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

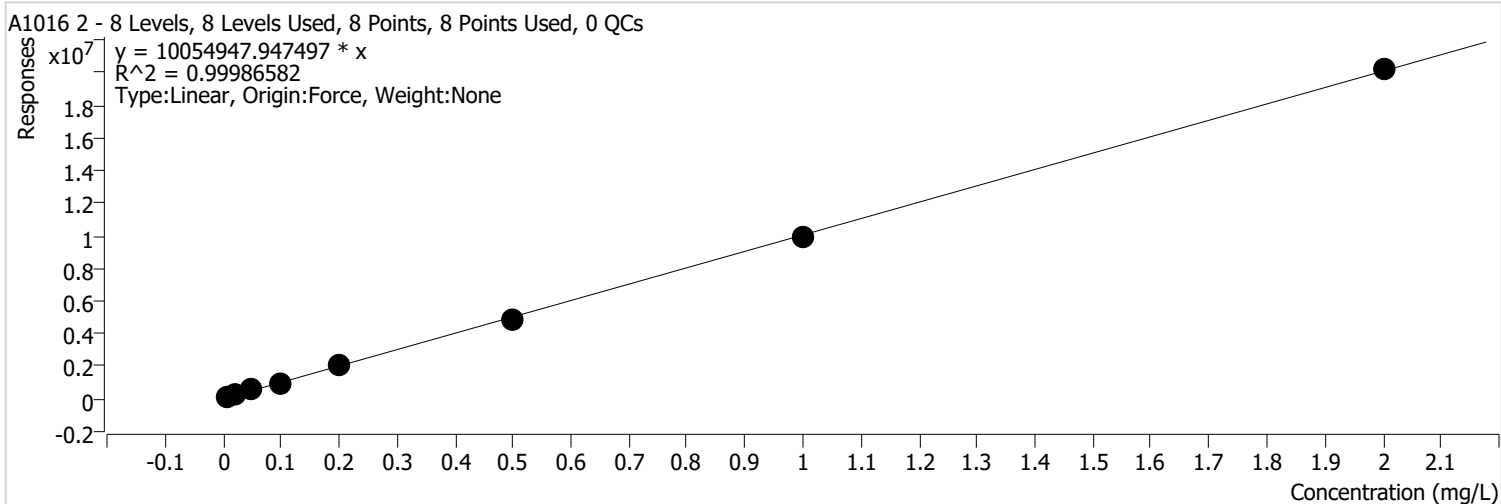


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	146540	0.0080	18317454 .5181	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	314450	0.0200	15722476 .0021	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	719764	0.0500	14395289 .9343	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1196078	0.1000	11960778 .5932	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2528109	0.2000	12640543 .7802	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	5972564	0.5000	11945127 .8491	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	11524790	1.0000	11524790 .3526	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	22817132	2.0000	11408565 .9258	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 2 %RSE = 20.2

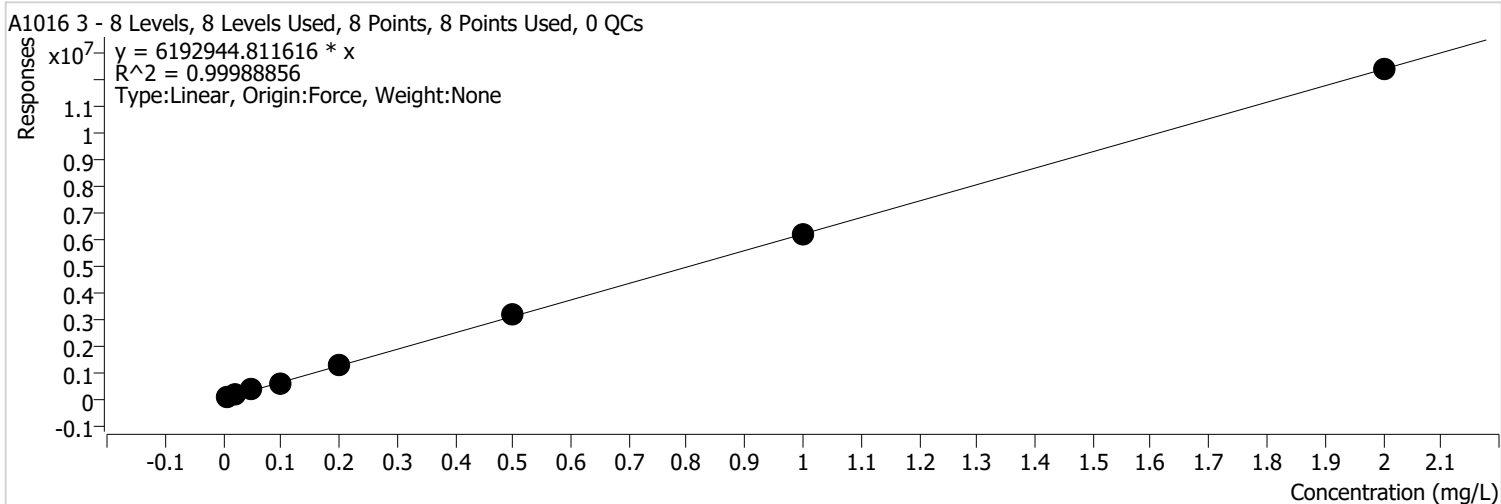


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	115750	0.0080	14468799 .7495	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	241308	0.0200	12065398 .1667	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	550702	0.0500	11014033 .0739	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	968767	0.1000	9687667. 1893	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2017646	0.2000	10088230 .0389	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4856074	0.5000	9712148. 7656	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	9986204	1.0000	9986203. 8914	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	20186546	2.0000	10093273 .1965	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 3 %RSE = 26.1



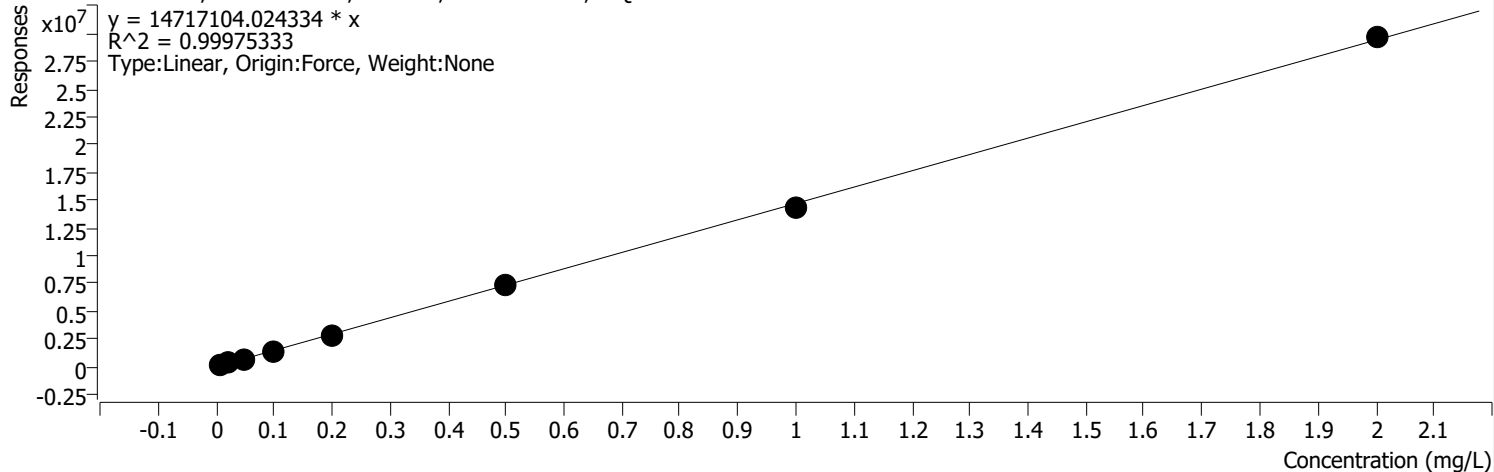
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	76620	0.0080	9577533.6478	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	157463	0.0200	7873160.7586	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	365761	0.0500	7315224.5937	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	617894	0.1000	6178942.0886	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1315605	0.2000	6578022.5000	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	3151570	0.5000	6303140.0194	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	6191061	1.0000	6191061.1351	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	12363578	2.0000	6181789.1603	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 2 2 %RSE = 14.9

A1016 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



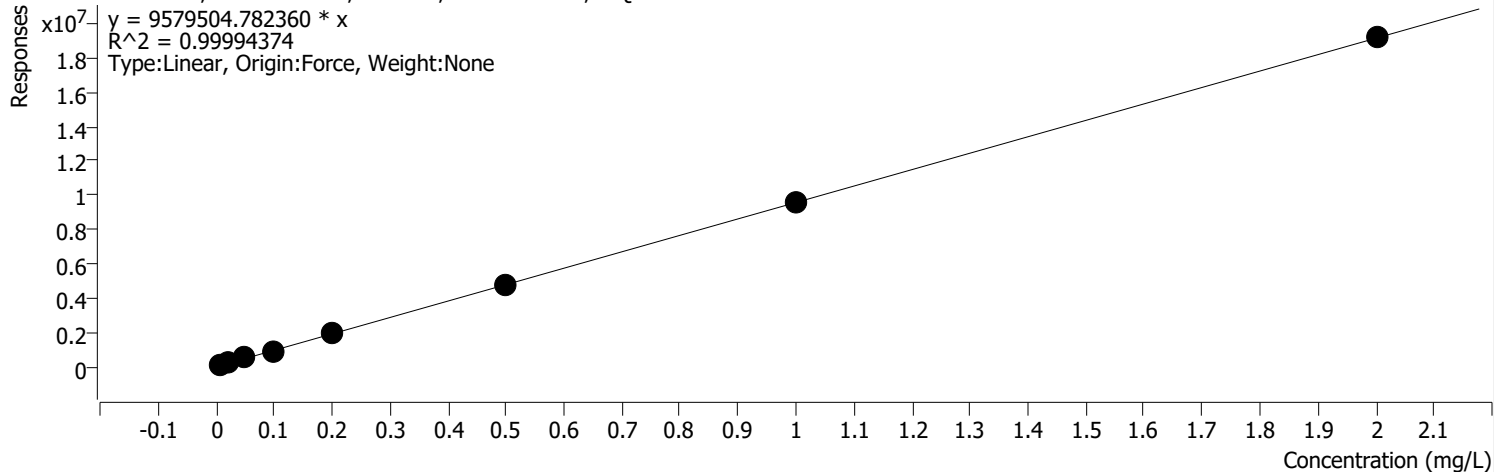
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	152811	0.0080	19101358 .1935	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	346952	0.0200	17347579 .9146	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	750232	0.0500	15004632 .4980	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1328864	0.1000	13288637 .4507	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2812118	0.2000	14060588 .2771	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	7248768	0.5000	14497536 .3852	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	14414980	1.0000	14414980 .3373	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	29631963	2.0000	14815981 .3465	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 3 2 %RSE = 24.9

A1016 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



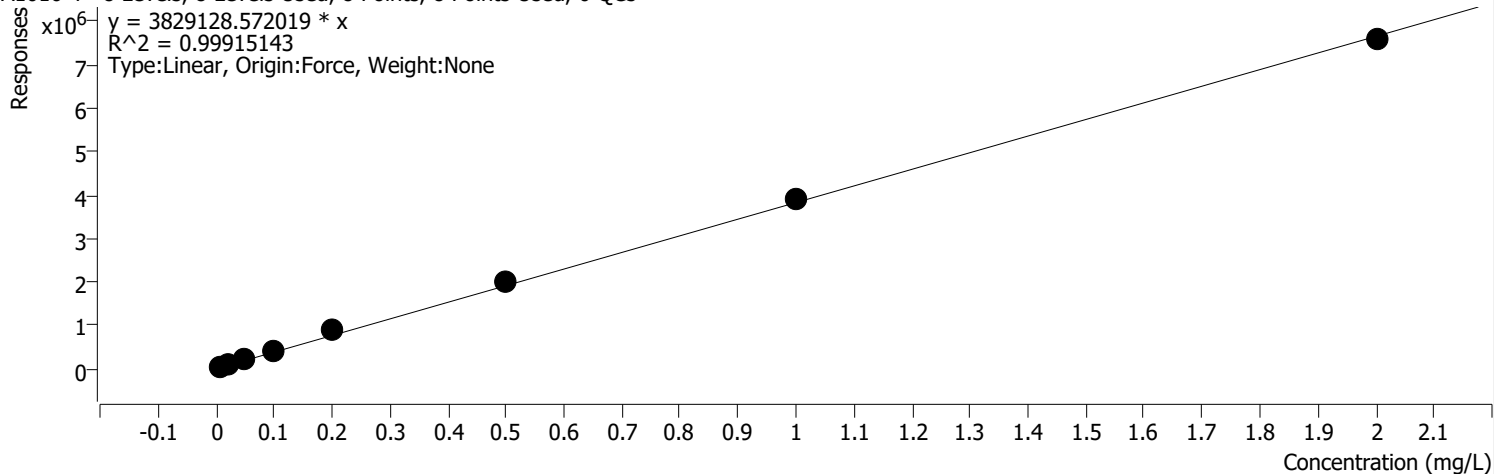
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	115625	0.0080	14453121.8336	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	247909	0.0200	12395460.0421	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	556230	0.0500	11124596.0286	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	937451	0.1000	9374505.8026	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1978288	0.2000	9891439.0024	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4785802	0.5000	9571603.6591	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	9531546	1.0000	9531546.0606	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	19176112	2.0000	9588056.1828	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 4 %RSE = 25.3

A1016 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

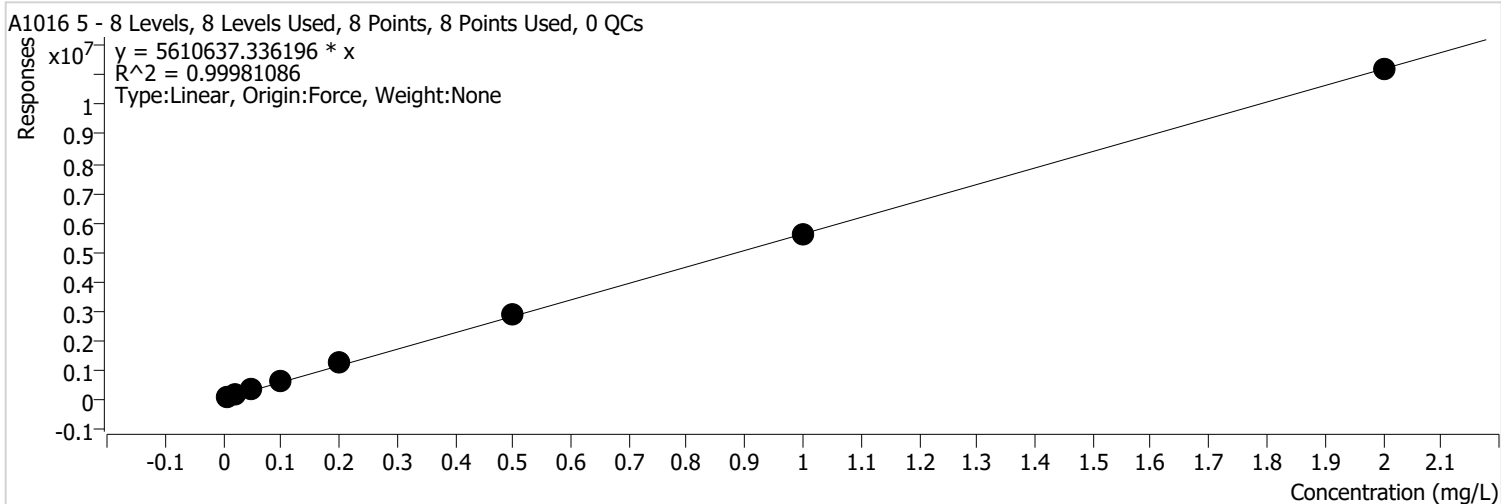


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	42792	0.0080	5348954.0729	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	103817	0.0200	5190832.0083	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	241114	0.0500	4822287.9931	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	418325	0.1000	4183254.2306	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	870501	0.2000	4352503.0115	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	2028811	0.5000	4057622.6633	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	3908042	1.0000	3908042.4384	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	7576438	2.0000	3788218.9540	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 5 %RSE = 30.9



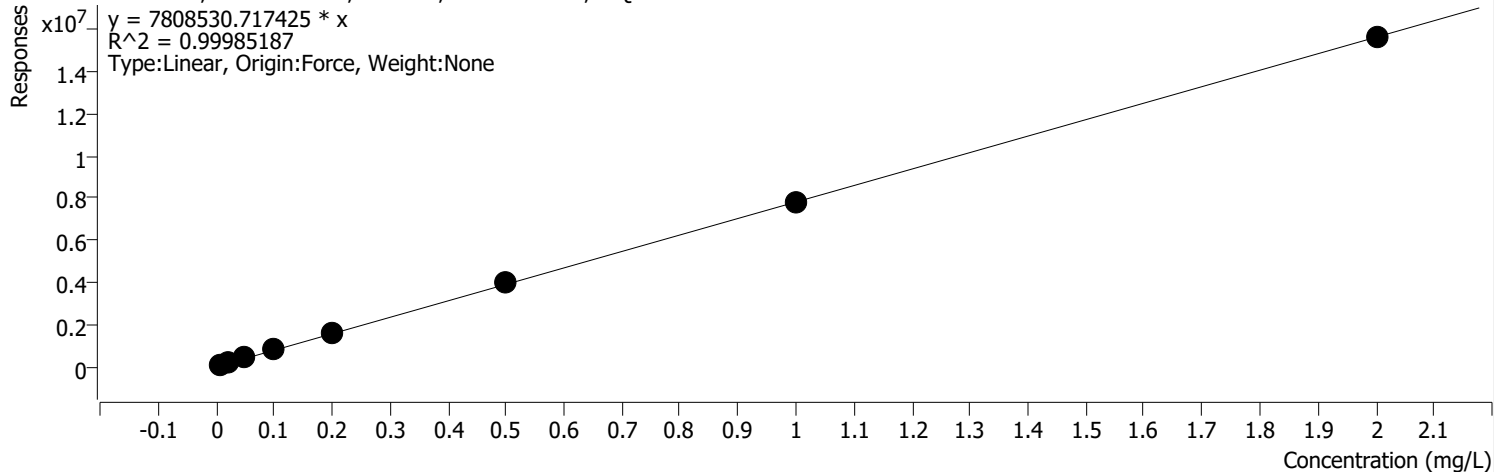
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	71922	0.0080	8990262.0968	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	157227	0.0200	7861350.2778	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	336583	0.0500	6731663.9624	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	595368	0.1000	5953678.0652	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1201502	0.2000	6007509.0314	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	2881876	0.5000	5763751.3420	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	5607086	1.0000	5607085.7381	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	11192299	2.0000	5596149.5047	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 4 2 %RSE = 28.5

A1016 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



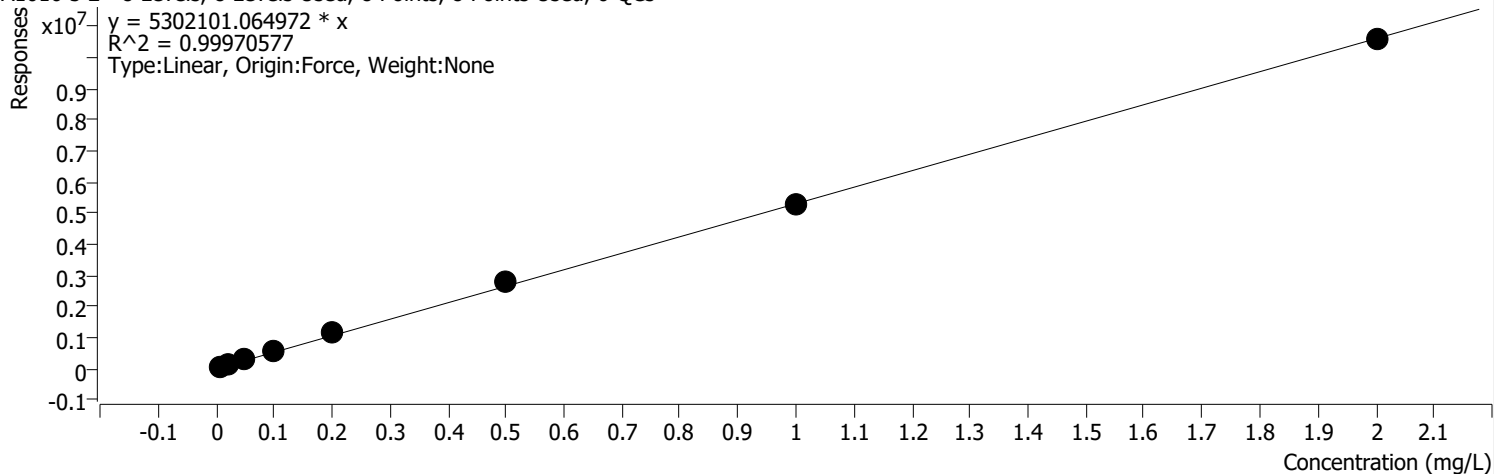
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	212886	0.0200	10644280.1743	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	464327	0.0500	9286546.2687	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	805200	0.1000	8052004.0720	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1650348	0.2000	8251740.9091	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4009055	0.5000	8018109.5864	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	7793888	1.0000	7793888.4230	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	15585549	2.0000	7792774.5129	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 5 2 %RSE = 29.5

A1016 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



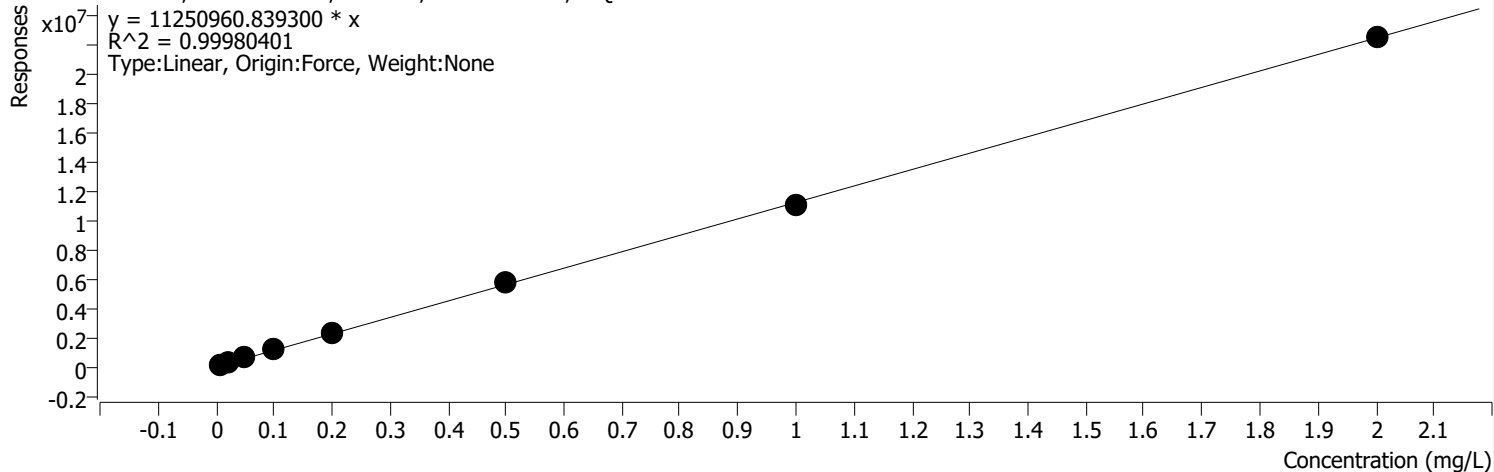
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	66077	0.0080	8259567. 8283	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	147664	0.0200	7383184. 6024	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	320733	0.0500	6414652. 2730	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	558541	0.1000	5585413. 6030	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1154657	0.2000	5773283. 0442	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	2756690	0.5000	5513380. 5134	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	5304163	1.0000	5304163. 3206	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	10564019	2.0000	5282009. 6621	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 1 %RSE = 34.1

A1260 1 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



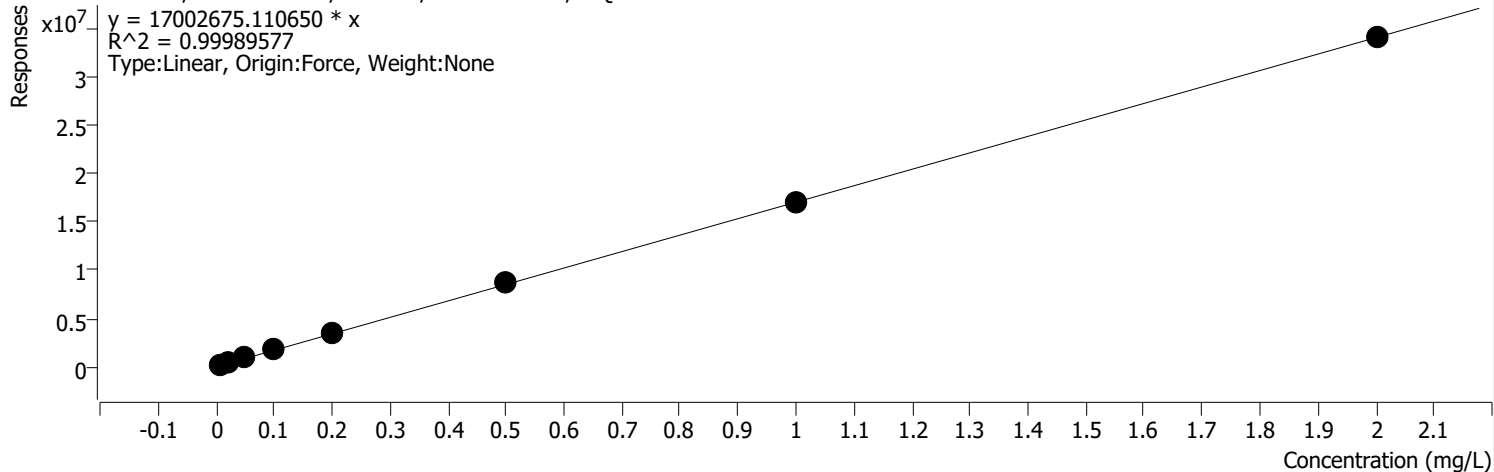
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	149994	0.0080	18749271 .7096	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	323996	0.0200	16199820 .7401	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	698311	0.0500	13966225 .3478	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1152714	0.1000	11527142 .0306	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2357356	0.2000	11786779 .7966	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	5775073	0.5000	11550146 .7760	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	11119189	1.0000	11119188 .9754	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	22513688	2.0000	11256844 .1424	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 2 %RSE = 36.7

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



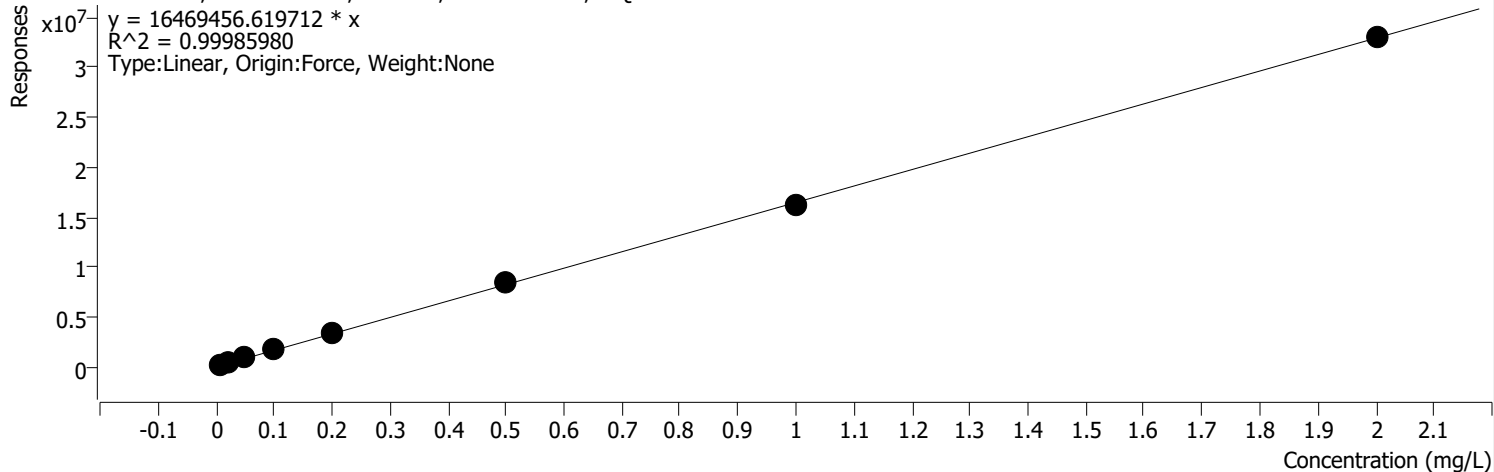
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	236310	0.0080	29538713 .6033	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	500993	0.0200	25049647 .1664	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1019787	0.0500	20395748 .7251	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1716673	0.1000	17166732 .2411	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3546553	0.2000	17732763 .7247	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8615685	0.5000	17231370 .0147	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16960071	1.0000	16960071 .0329	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	33976391	2.0000	16988195 .7248	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 1 2 %RSE = 35.2

A1260 1 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



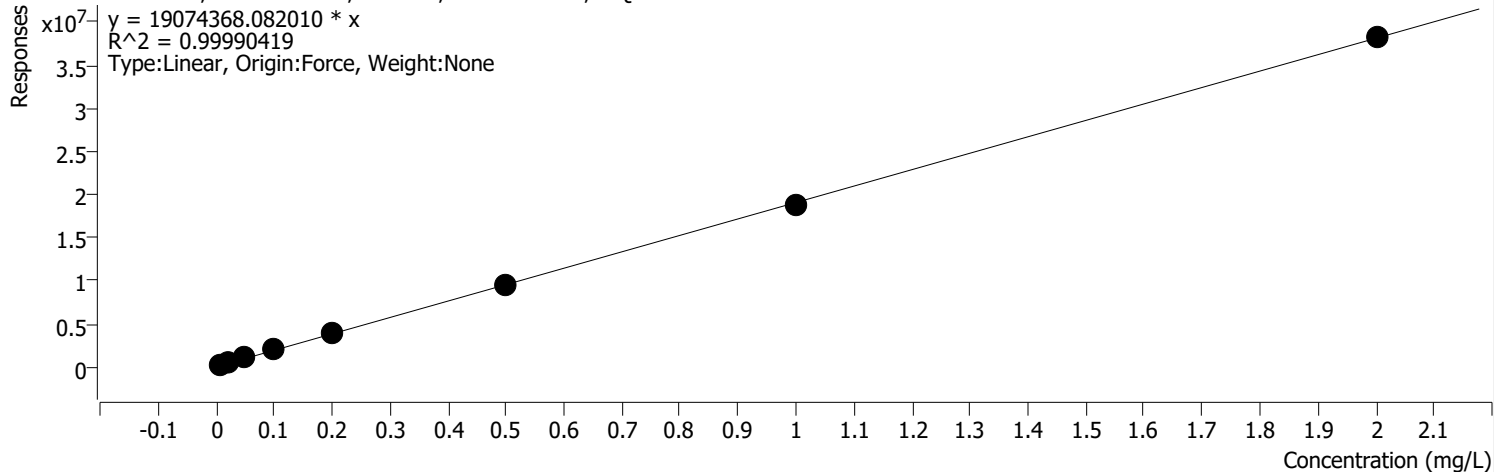
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	225835	0.0080	28229345 .7293	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	473063	0.0200	23653151 .5703	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	993964	0.0500	19879275 .1977	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1679623	0.1000	16796228 .8208	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3424692	0.2000	17123457 .6110	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8390744	0.5000	16781488 .4819	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16304297	1.0000	16304297 .3776	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	32961700	2.0000	16480849 .8341	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 2 2 %RSE = 33.4

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



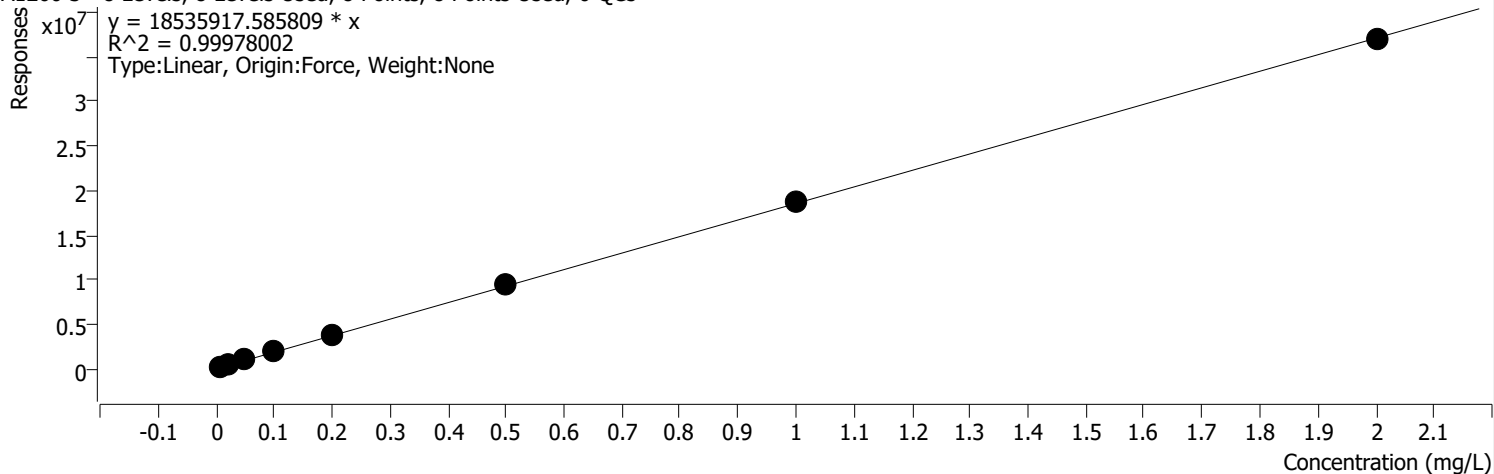
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	255701	0.0080	31962663 .8525	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	542396	0.0200	27119805 .6056	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1126306	0.0500	22526123 .9350	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1917763	0.1000	19177631 .9924	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3929096	0.2000	19645481 .8953	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9639218	0.5000	19278436 .7448	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18909963	1.0000	18909962 .6849	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	38187155	2.0000	19093577 .7381	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 3 %RSE = 38.4

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

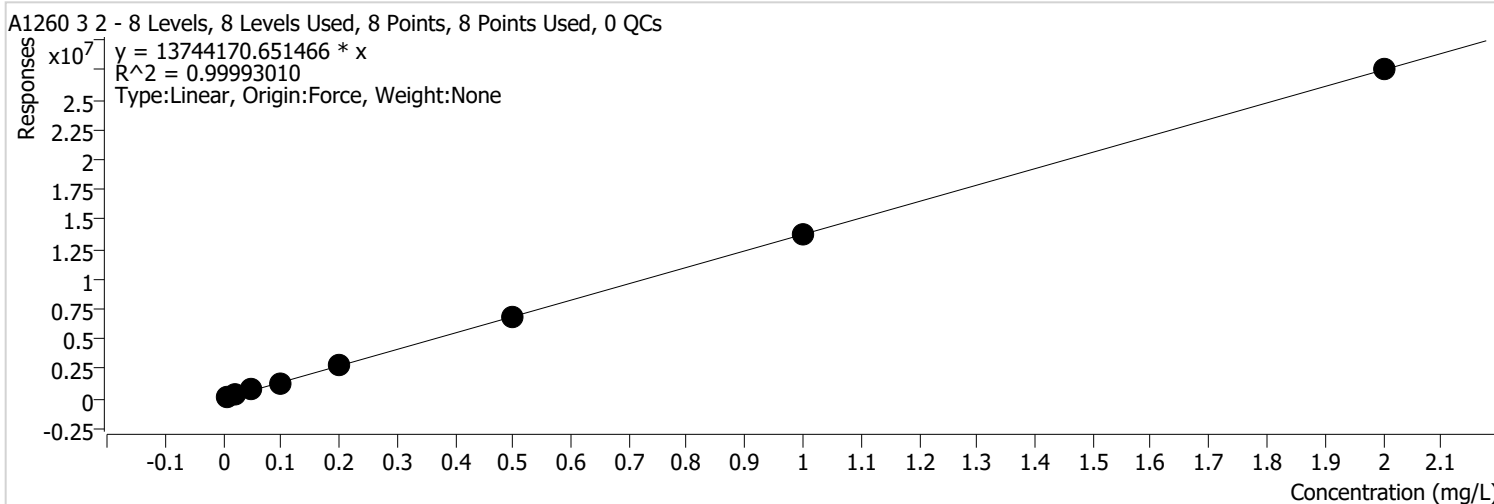


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	272241	0.0080	34030156 .8023	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	500600	0.0200	25030006 .2909	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1156654	0.0500	23133085 .3027	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1925978	0.1000	19259784 .4242	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3814063	0.2000	19070313 .6250	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9541649	0.5000	19083298 .9717	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18739557	1.0000	18739556 .5371	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	36879745	2.0000	18439872 .3374	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 3 2 %RSE = 39.3



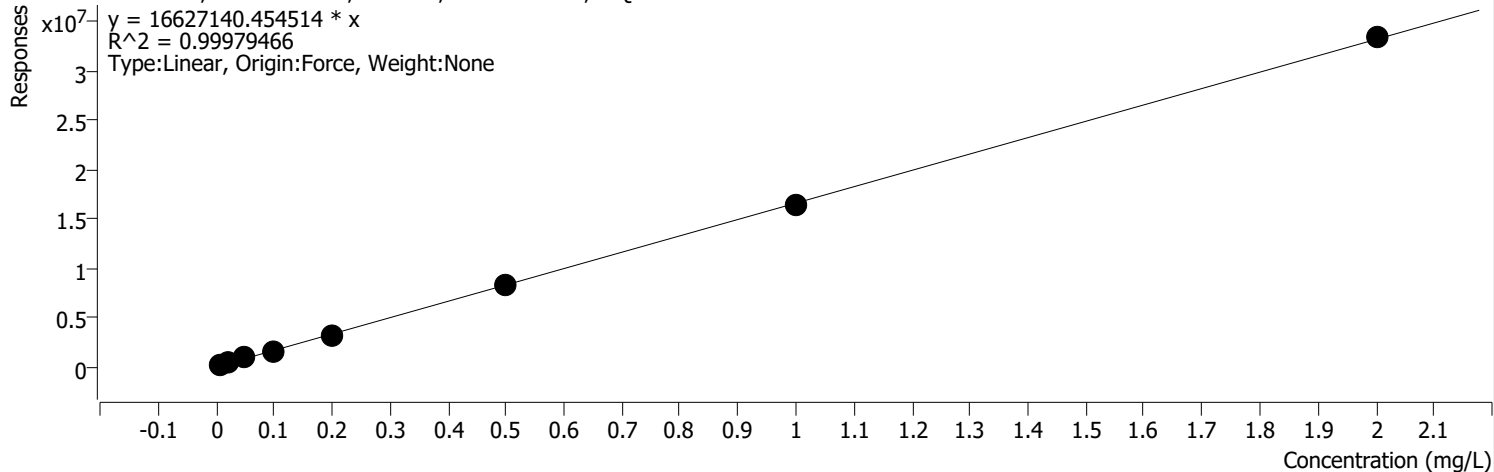
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	206214	0.0080	25776756 .3550	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	371692	0.0200	18584618 .6647	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	818370	0.0500	16367409 .0817	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1354862	0.1000	13548617 .7563	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2787292	0.2000	13936459 .2534	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	6925113	0.5000	13850226 .3000	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	13679146	1.0000	13679145 .8476	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	27500097	2.0000	13750048 .2804	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 4 2 %RSE = 43.6

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



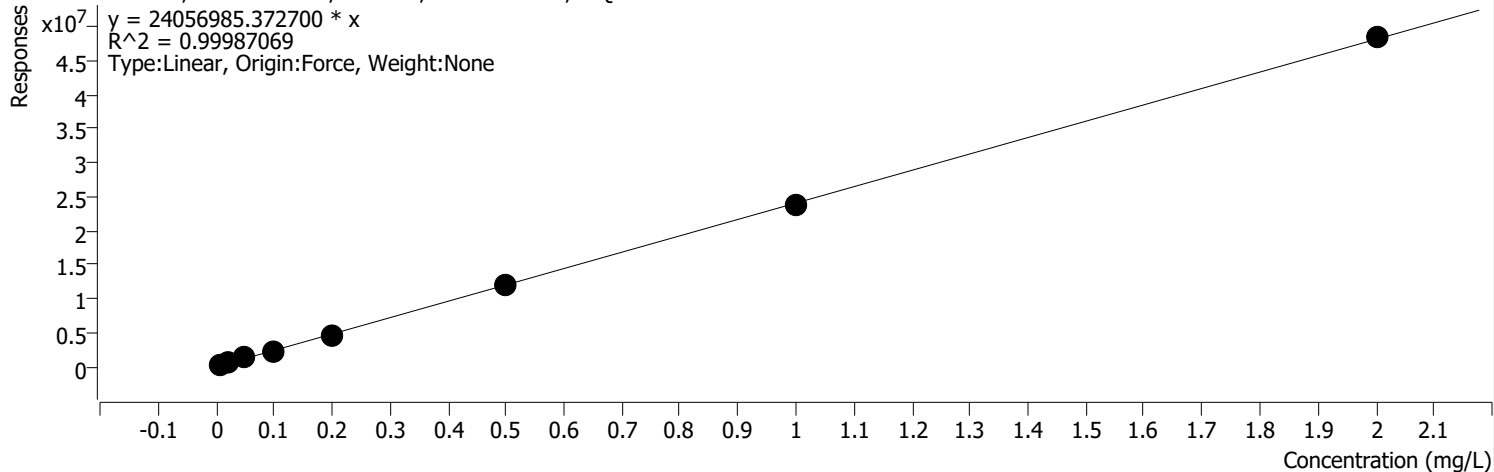
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	257196	0.0080	32149478 .1844	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	499048	0.0200	24952376 .0327	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	920835	0.0500	18416709 .2506	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1538572	0.1000	15385723 .1771	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3271131	0.2000	16355654 .4415	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8360699	0.5000	16721398 .1153	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16312487	1.0000	16312486 .7557	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	33407064	2.0000	16703531 .8173	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 4 %RSE = 27.2

A1260 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



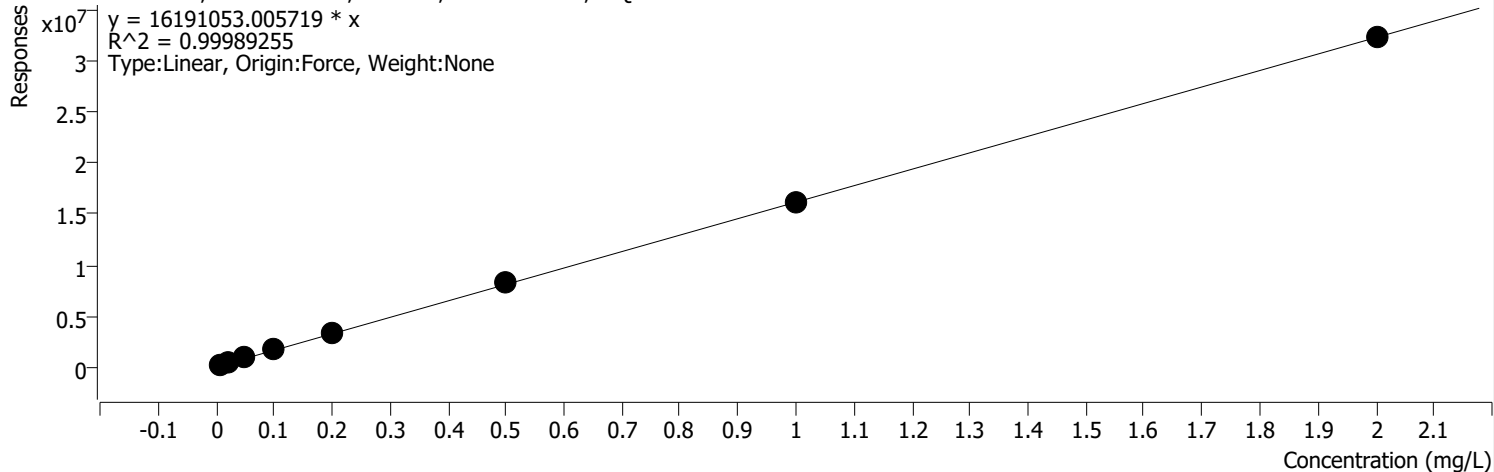
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	302335	0.0080	37791889 .8304	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	635074	0.0200	31753711 .4892	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1325475	0.0500	26509500 .0429	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	2255490	0.1000	22554902 .1708	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	4673162	0.2000	23365812 .4842	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	11932738	0.5000	23865475 .3147	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	23722477	1.0000	23722477 .1145	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	48321453	2.0000	24160726 .5000	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 5 2 %RSE = 34.2

A1260 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



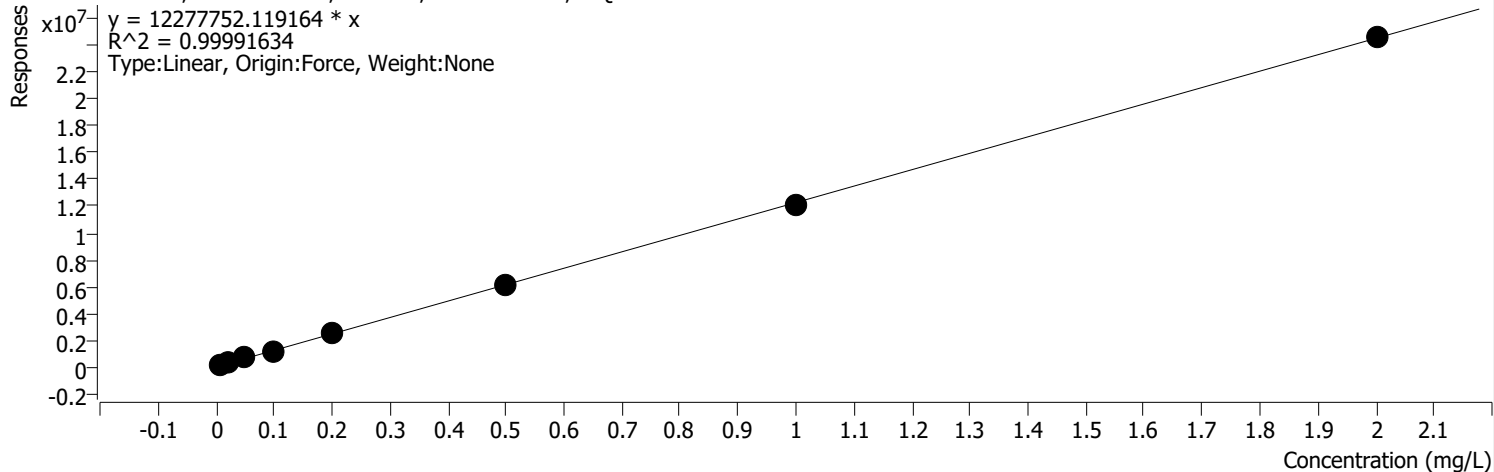
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	218868	0.0080	27358490 .7810	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	463500	0.0200	23174979 .8702	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	963871	0.0500	19277428 .8469	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1625067	0.1000	16250670 .2563	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3356413	0.2000	16782063 .2985	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8258079	0.5000	16516158 .5250	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16139707	1.0000	16139706 .9310	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	32349410	2.0000	16174705 .2268	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 5 %RSE = 32.4

A1260 5 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



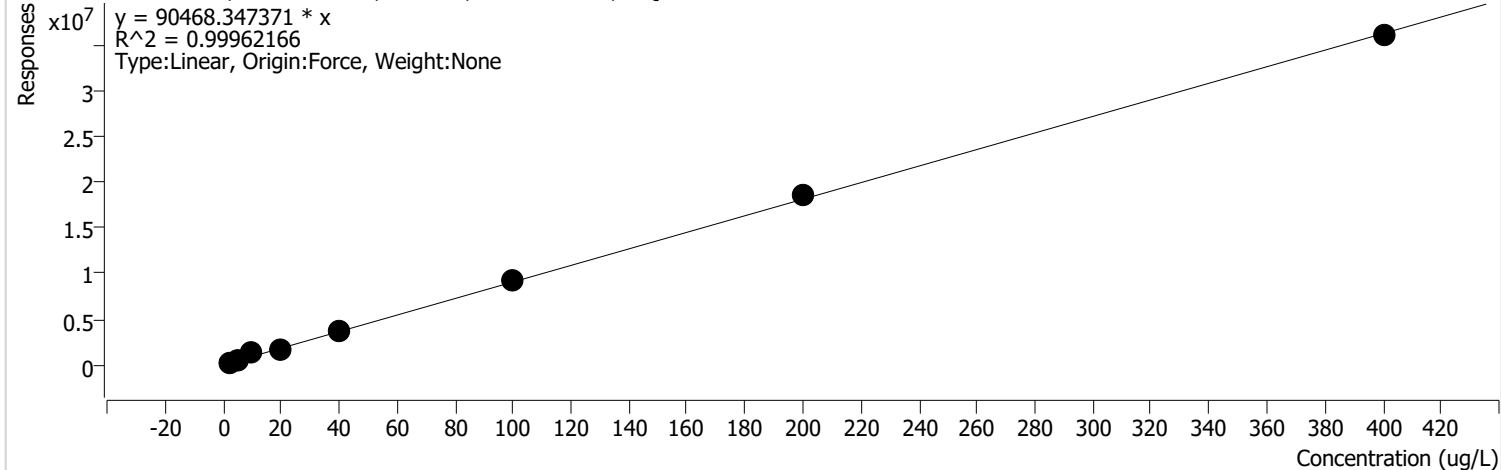
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	164480	0.0080	20559977 .6346	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	339968	0.0200	16998406 .3828	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	716937	0.0500	14338747 .3557	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1224889	0.1000	12248893 .3709	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2489281	0.2000	12446404 .0927	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	6210873	0.5000	12421746 .4337	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	12169224	1.0000	12169223 .8748	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	24584755	2.0000	12292377 .4597	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP %RSE = 24.9

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



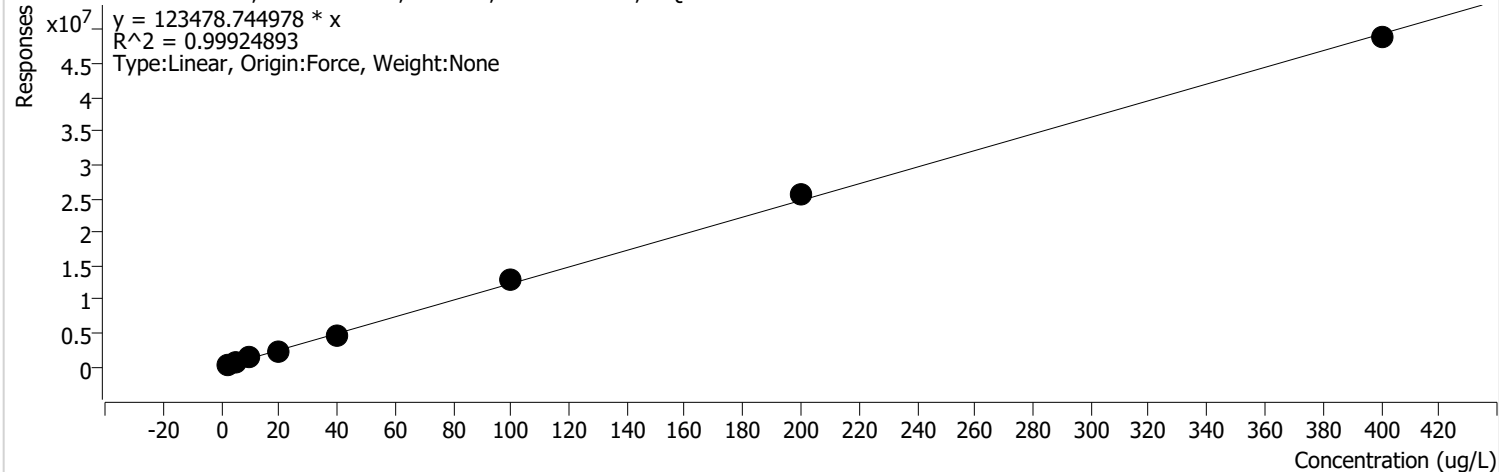
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	326338	2.5000	130535.1 330	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	503182	5.0000	100636.4 120	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1263808	10.0000	126380.7 630	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1687684	20.0000	84384.20 79	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3646289	40.0000	91157.22 85	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9307724	100.0000	93077.23 81	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18453061	200.0000	92265.30 52	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	35935510	400.0000	89838.77 46	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:09 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:08 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE = 21.7

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	451184	2.5000	180473.5 958	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	684257	5.0000	136851.4 754	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1513577	10.0000	151357.7 002	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	2397630	20.0000	119881.5 211	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	4770866	40.0000	119271.6 475	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	12924698	100.0000	129246.9 796	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	25564453	200.0000	127822.2 641	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	48824670	400.0000	122061.6 744	

PCB Calibration

Date: 04/08/22 Cal Std (1016/1260): 26765 Concentration: 100 ug/mL
 Analyst: Sam Vapoi ICV Std (SS): 26724 Concentration: 100 ug/mL
 Aroclors: 1221: 20519 1232: 23017 1242: 23020 1248: 23021
 1254: 23A86 1262: 23022 1268: 20520 Conc: 1000 ug/mL
 Hexane: 6799 SURROGATE: 26572 Concentration: 20 ug/mL

Calibration Point (ppb)	Surr Cal Pt (ppb)	Hexane (uL)	STD ID	STD Amt (uL)	Surr Amt (uL)	Final Vol. (mL)	Comments
2000	400	960	Cal Std	20	20	1	
1000	200	980	Cal Std	10	10	1	
500	100	990	Cal Std	5	5	1	
200	40	900	2000*	100	--	1	*Points 200, 100, and 50 will be made with prepared Point 2000
100	20	950	2000*	50	--	1	
50	10	975	2000*	25	--	1	
20	(5)	900	200**	100	--	1	**Points 20 and 10 will be made with prepared Point 200
10 8	(2.5)	950	200**	50 40	--	1	
ICB 82-041061 22	200	990	--	-- 82-041061 10	10	1	
ICV (1000 ppb)	200	980	ICV	10	10	1	

Note: Points 20 and 10 will contain surrogate as they are prepared from a mixed std, but will not be included in the surr curve.

Single Point Aroclors

Calibration Point	Surr Conc (ppb)	Hexane (uL)	STD ID	STD Amt (uL)	Surr Amt (uL)	Final Vol (mL)	Comments
2000	200	988	Each Aroclor	2	10	1	

Signature and Date: Sam Vapoi 04/08/22

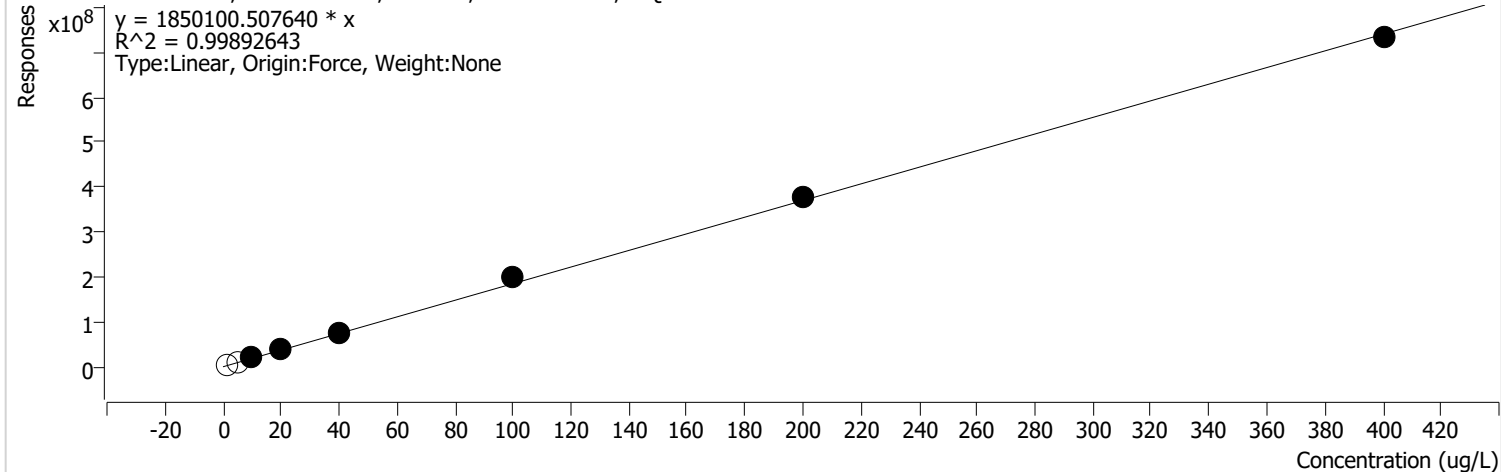
Signature: EM

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin		
Analysis Time	8/18/2022 10:12 AM	Analyst Name	FA\GC1625
Report Time	8/18/2022 10:12:51 AM	Reporter Name	FA\GC1625
Last Calib Update	8/18/2022 10:12 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX %RSE = 8.8

Surr 1 TCMX - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 0 QCs

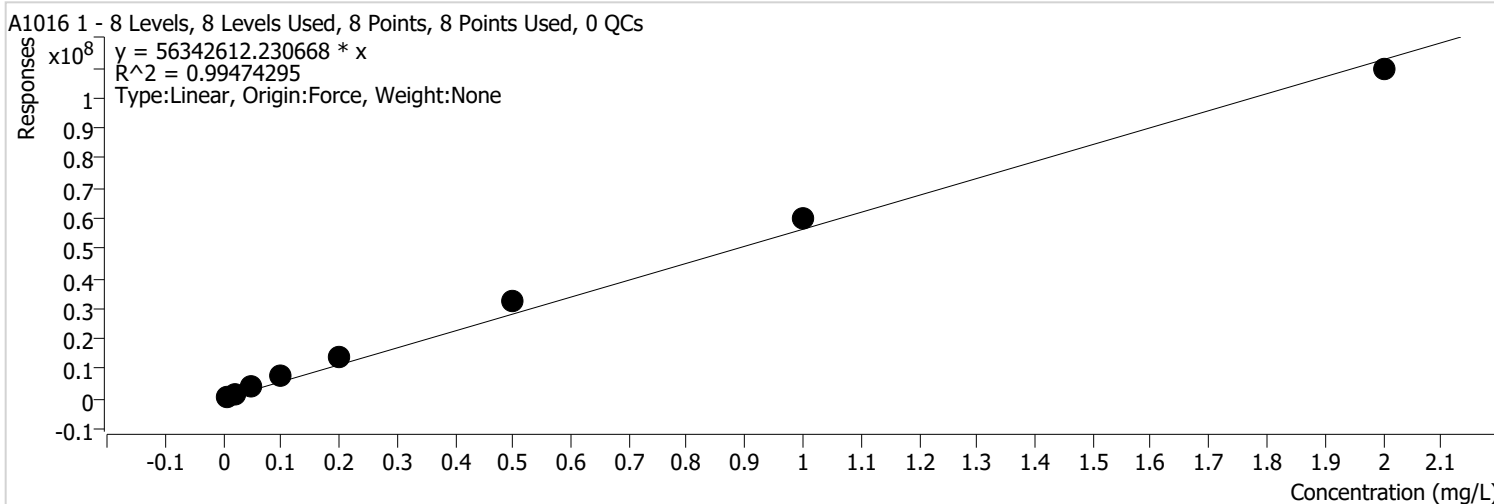


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2022\081722\081716.D	Calibration	2		8007254	5.0000	1601450.7473	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	21131778	10.0000	2113177.8341	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	38279581	20.0000	1913979.0728	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	76255304	40.0000	1906382.5900	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	201565170	100.0000	2015651.6965	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	377240588	200.0000	1886202.9393	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	731936404	400.0000	1829841.0099	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 %RSE = 43.9

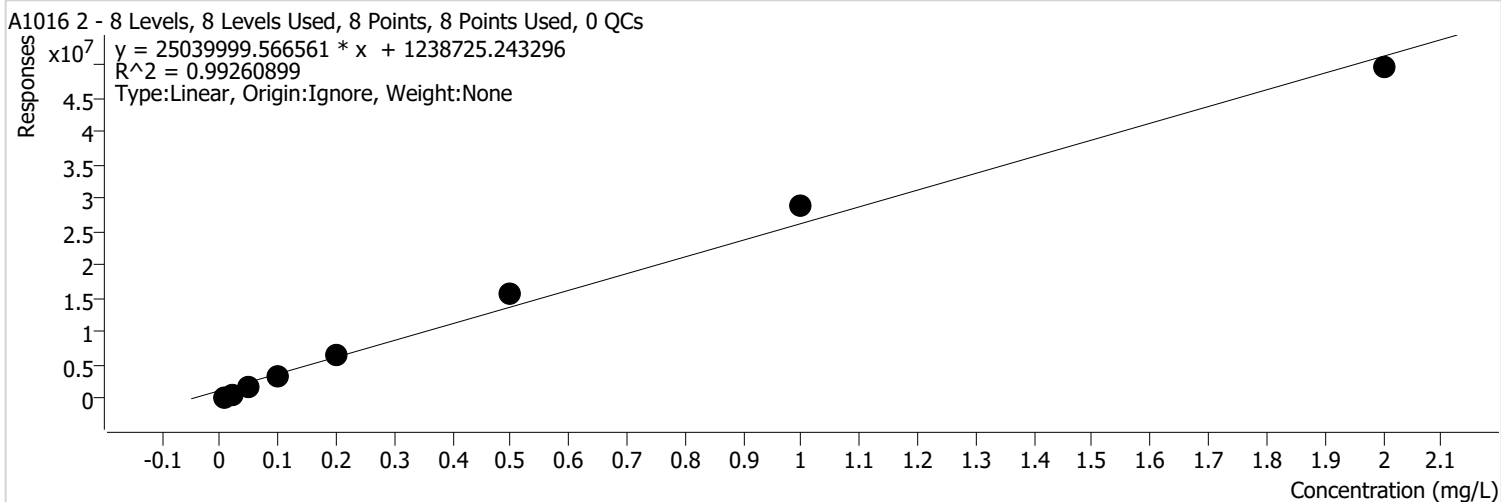


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	496069	0.0050	99213729 .1744	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	1590799	0.0200	79539942 .3806	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	4190327	0.0500	83806549 .0328	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	7347824	0.1000	73478237 .0347	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	13828334	0.2000	69141671 .6355	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	32062099	0.5000	64124197 .5250	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	60363665	1.0000	60363665 .0036	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	109320835	2.0000	54660417 .6625	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 %RSE = 61.9



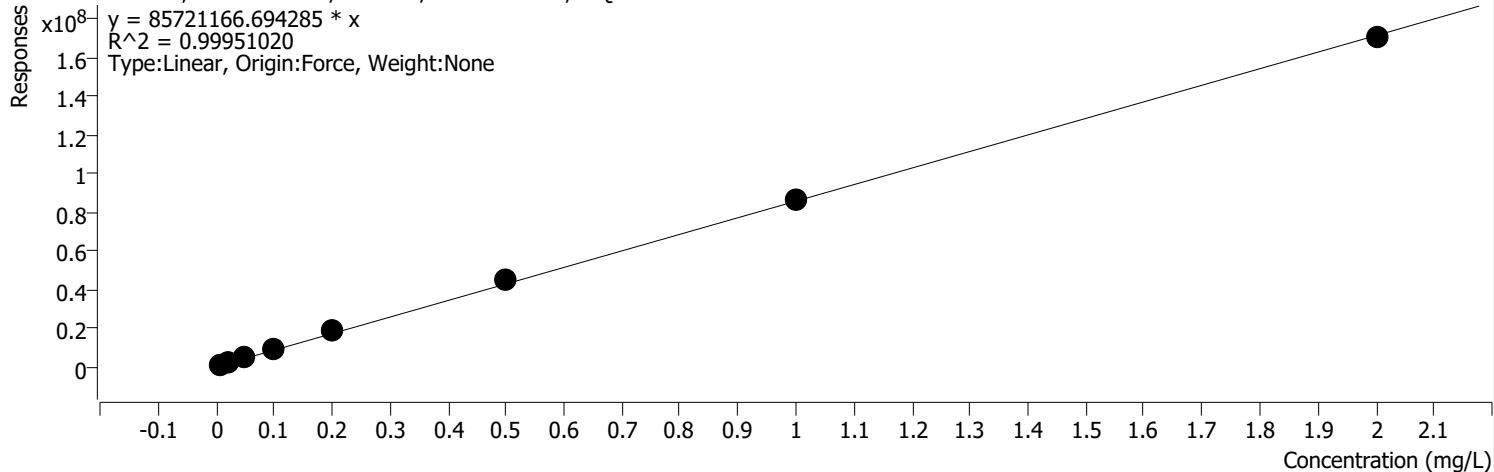
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	642081	0.0200	32104063 .2821	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	1863690	0.0500	37273803 .4200	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	3516389	0.1000	35163890 .4502	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	6502121	0.2000	32510604 .9287	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	15767919	0.5000	31535837 .9750	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	28755199	1.0000	28755198 .6300	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	49593279	2.0000	24796639 .2617	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 %RSE = 15.0

A1016 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

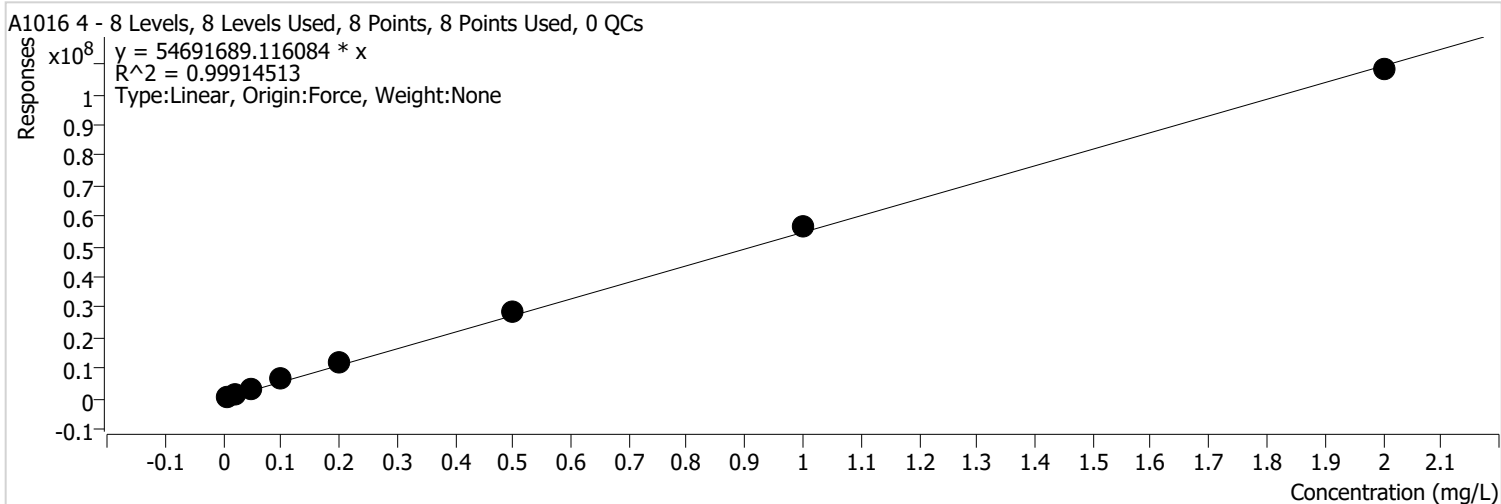


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	533976	0.0050	10679510 9.3367	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	1836304	0.0200	91815190 .3343	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	5095583	0.0500	10191165 7.5000	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	9885548	0.1000	98855484 .0999	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	18691898	0.2000	93459490 .0027	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	45142858	0.5000	90285716 .8604	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	86513561	1.0000	86513560 .9413	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	170233409	2.0000	85116704 .5493	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 %RSE = 17.6



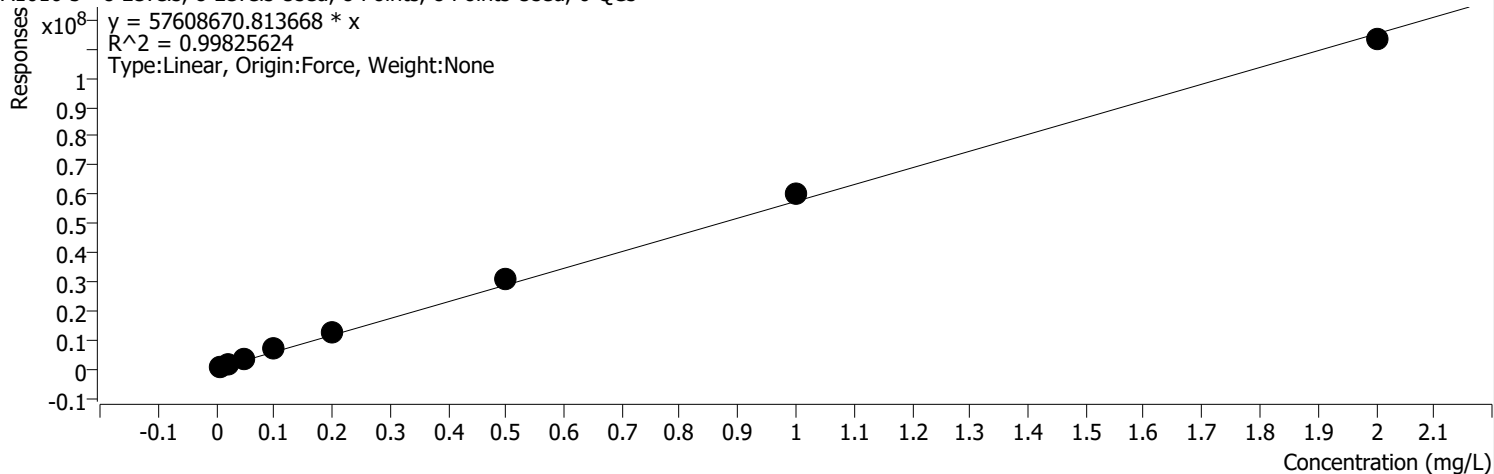
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	353589	0.0050	70717893 .4921	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	1150896	0.0200	57544794 .7468	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	3380509	0.0500	67610181 .8272	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	6324648	0.1000	63246484 .2520	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	12217547	0.2000	61087732 .6646	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	28578033	0.5000	57156065 .9000	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	56294287	1.0000	56294287 .1119	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	108086418	2.0000	54043209 .1125	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 %RSE = 26.7

A1016 5 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



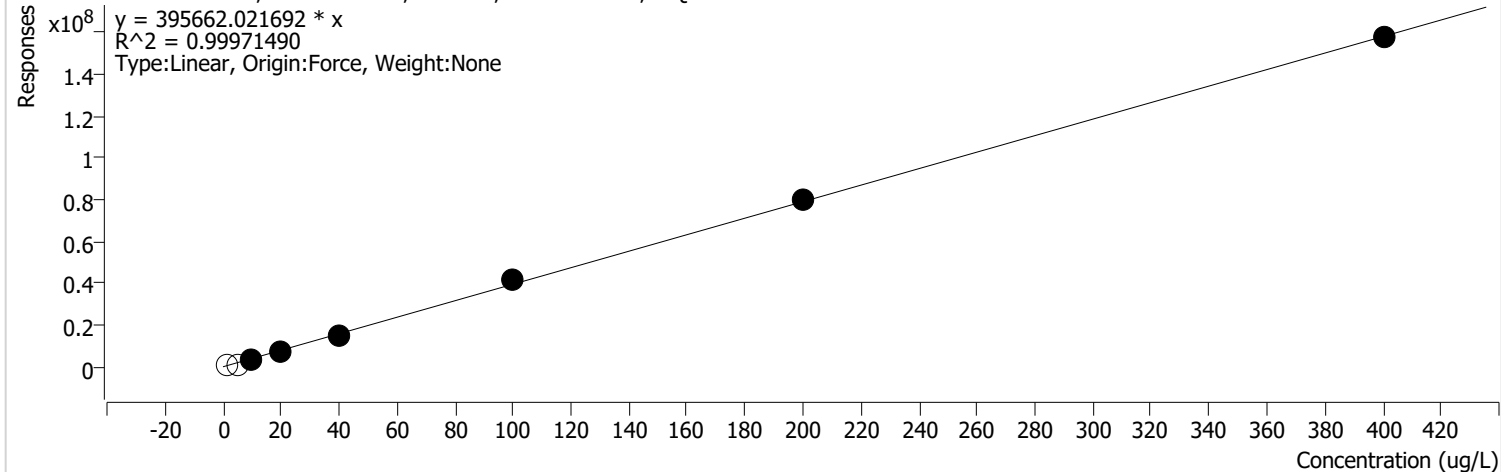
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	426477	0.0050	85295491 .7522	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	1398235	0.0200	69911753 .7500	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	3764502	0.0500	75290047 .0000	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	6818588	0.1000	68185878 .7500	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	12949558	0.2000	64747788 .2697	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	30815485	0.5000	61630969 .6000	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	60251884	1.0000	60251883 .9000	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	113172371	2.0000	56586185 .4625	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin		
Analysis Time	8/18/2022 10:12 AM	Analyst Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Reporter Name	FA\GC1625
Last Calib Update	8/18/2022 10:12 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX 2 %RSE = 6.0

Surr 1 TCMX 2 - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 0 QCs



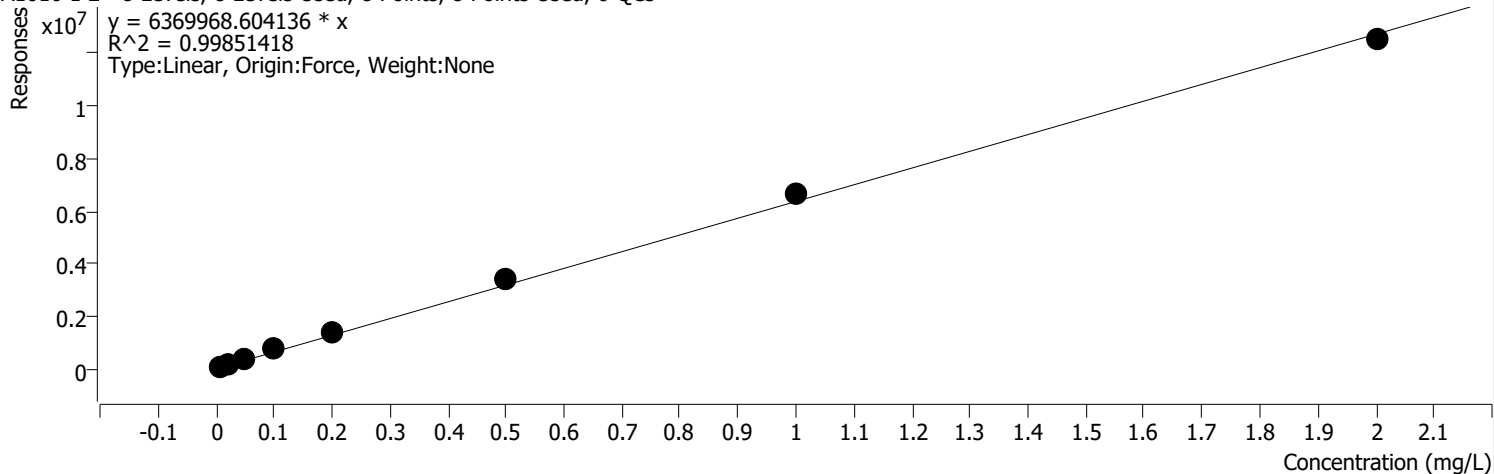
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1		471375	1.2500	377100.0 759	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2		1386288	5.0000	277257.5 860	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	3856291	10.0000	385629.0 675	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	7215565	20.0000	360778.2 367	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	14790474	40.0000	369761.8 449	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	41117163	100.0000	411171.6 296	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	79944441	200.0000	399722.2 064	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	157612043	400.0000	394030.1 068	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 1 2 %RSE = 10.3

A1016 1 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



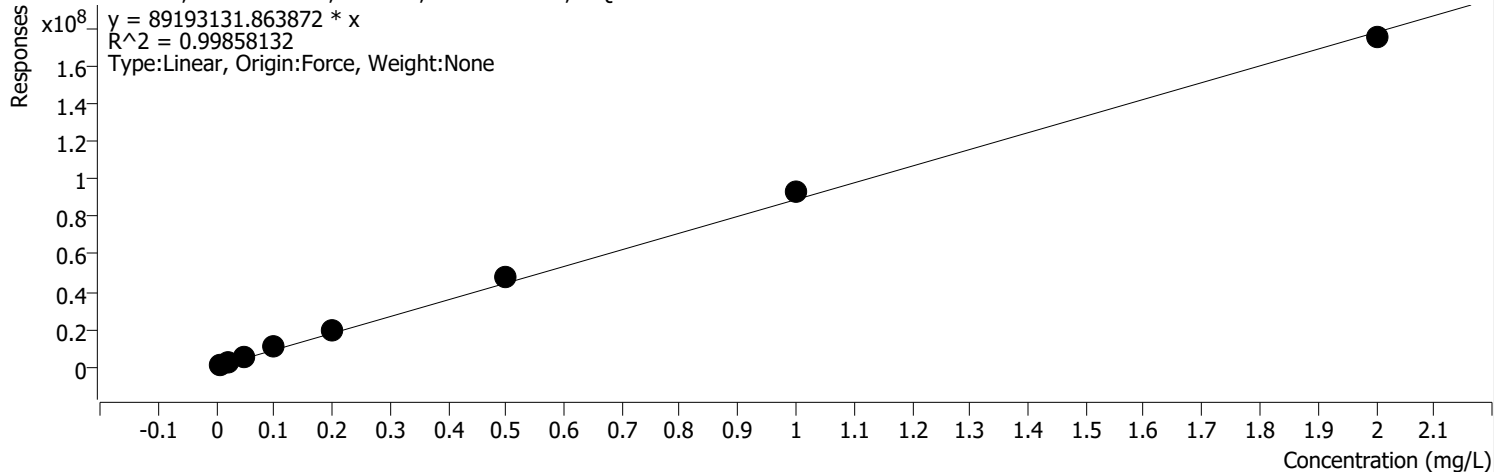
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	35012	0.0050	7002475.1791	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	127123	0.0200	6356150.6047	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	356495	0.0500	7129893.2500	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	734655	0.1000	7346546.5980	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	1399889	0.2000	6999442.9292	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	3381342	0.5000	6762683.9590	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	6668876	1.0000	6668876.3353	
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Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 %RSE = 29.4

A1260 1 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



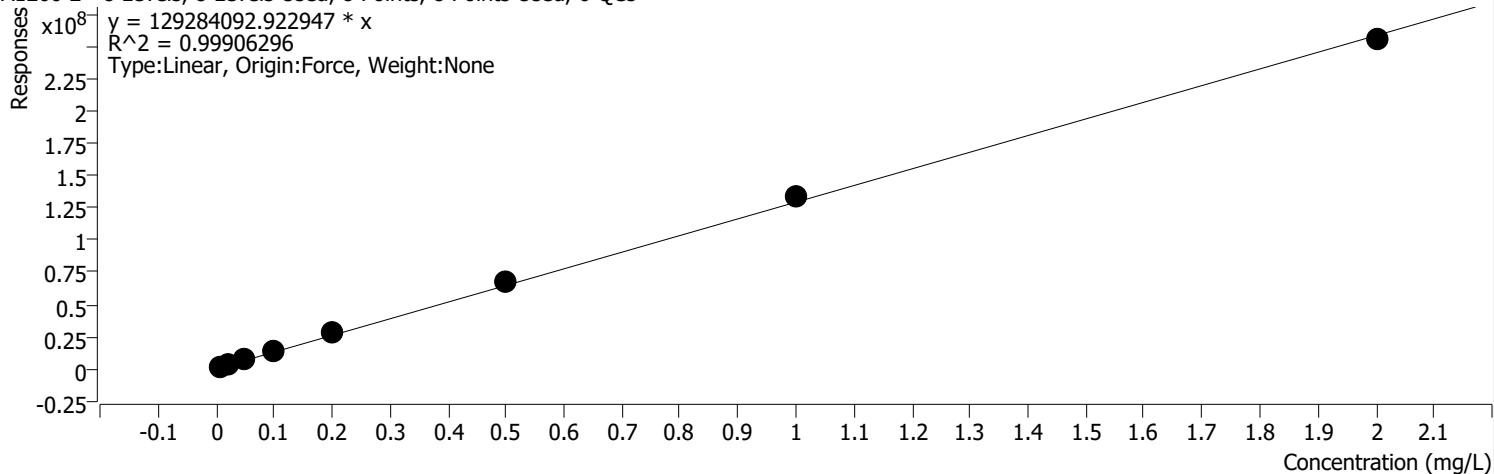
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	710246	0.0050	14204911 0.0000	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	2216793	0.0200	11083966 3.7686	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	5676424	0.0500	11352848 9.2969	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	10213178	0.1000	10213178 2.0768	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	19498234	0.2000	97491168 .1709	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	47302886	0.5000	94605771 .6464	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	93147355	1.0000	93147354 .5135	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	175466509	2.0000	87733254 .6250	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 %RSE = 31.5

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

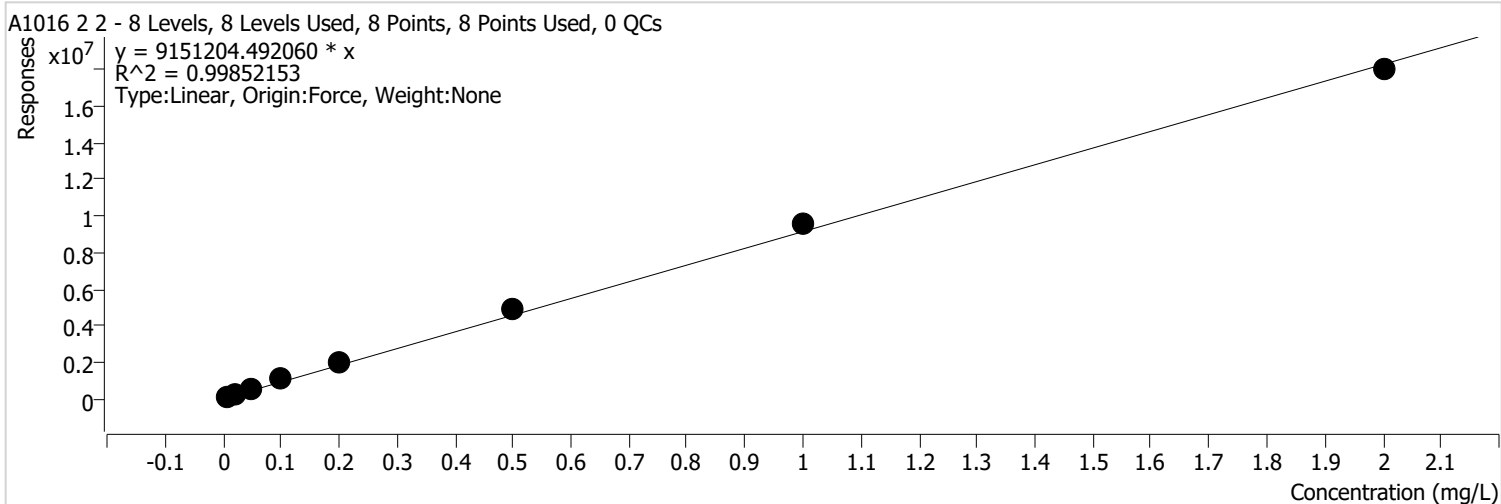


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	1065422	0.0050	21308440 5.0101	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	3270862	0.0200	16354308 0.1119	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	8186819	0.0500	16373637 9.2388	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	14777974	0.1000	14777973 5.0983	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	28469922	0.2000	14234961 0.2500	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	67257014	0.5000	13451402 8.7986	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	133823879	1.0000	13382387 8.5817	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	255239798	2.0000	12761989 8.9077	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 2 %RSE = 20.2



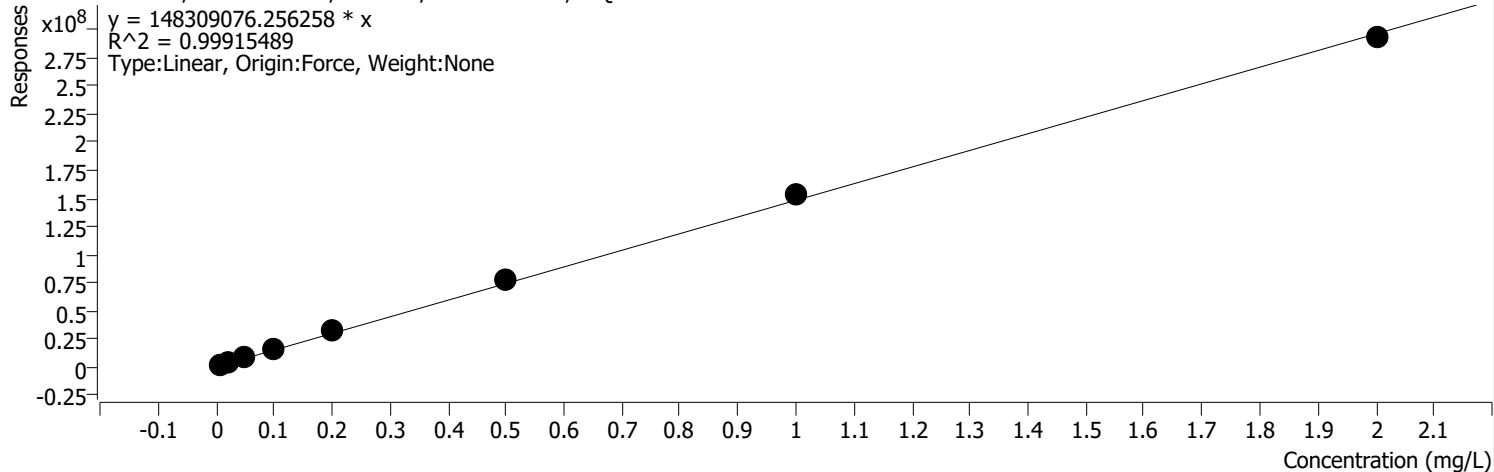
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	60833	0.0050	12166606 .1105	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	198528	0.0200	9926401. 9366	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	584150	0.0500	11683002 .2124	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	1085750	0.1000	10857497 .0968	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	2033788	0.2000	10168938 .0418	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	4887471	0.5000	9774941. 8736	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	9525269	1.0000	9525268. 7510	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	18005166	2.0000	9002583. 0344	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 %RSE = 24.2

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



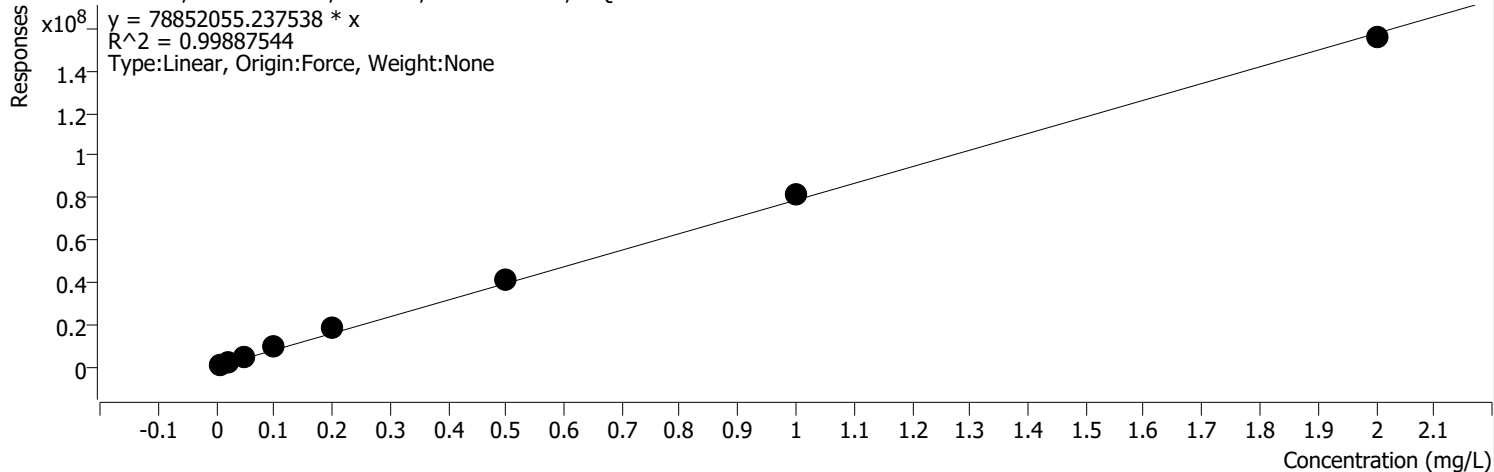
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	1096764	0.0050	21935276 8.2716	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	3442566	0.0200	17212829 3.9362	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	9313940	0.0500	18627880 2.8583	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	16737151	0.1000	16737151 2.7796	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	32946703	0.2000	16473351 7.0101	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	77119946	0.5000	15423989 2.0429	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	153029318	1.0000	15302931 8.3572	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	293039764	2.0000	14651988 2.2215	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 %RSE = 24.6

A1260 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



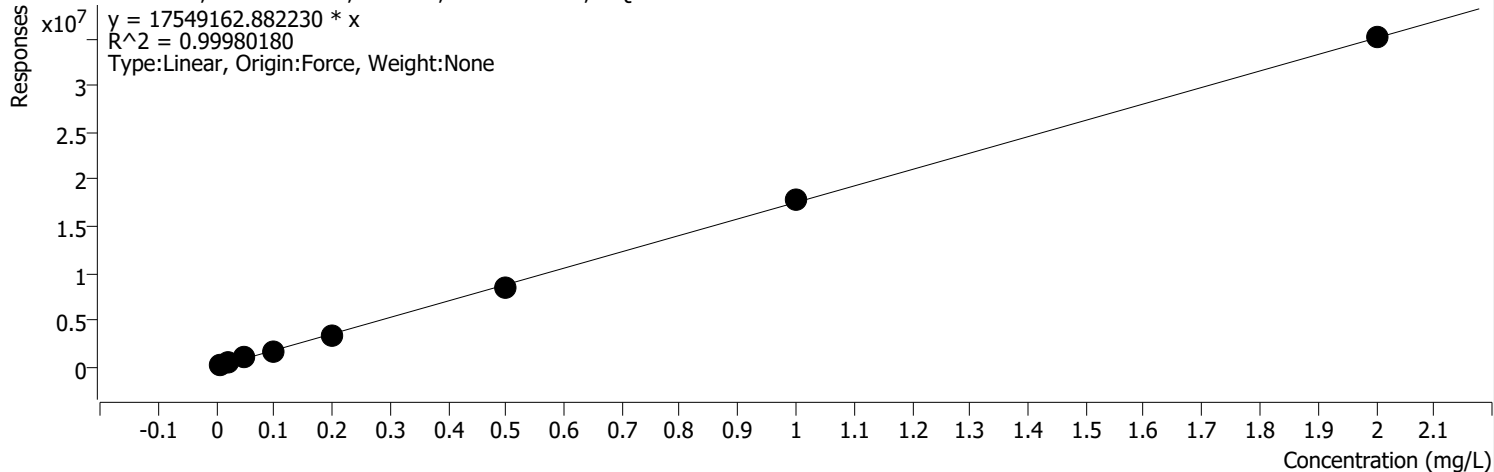
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	567266	0.0050	11345318 1.9942	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	1886462	0.0200	94323083 .4914	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	5058373	0.0500	10116746 0.5000	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	9248978	0.1000	92489784 .4263	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	17942503	0.2000	89712514 .7825	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	41726452	0.5000	83452903 .8575	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	81242066	1.0000	81242066 .1328	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	155617180	2.0000	77808590 .0684	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 3 2 %RSE = 9.4

A1016 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



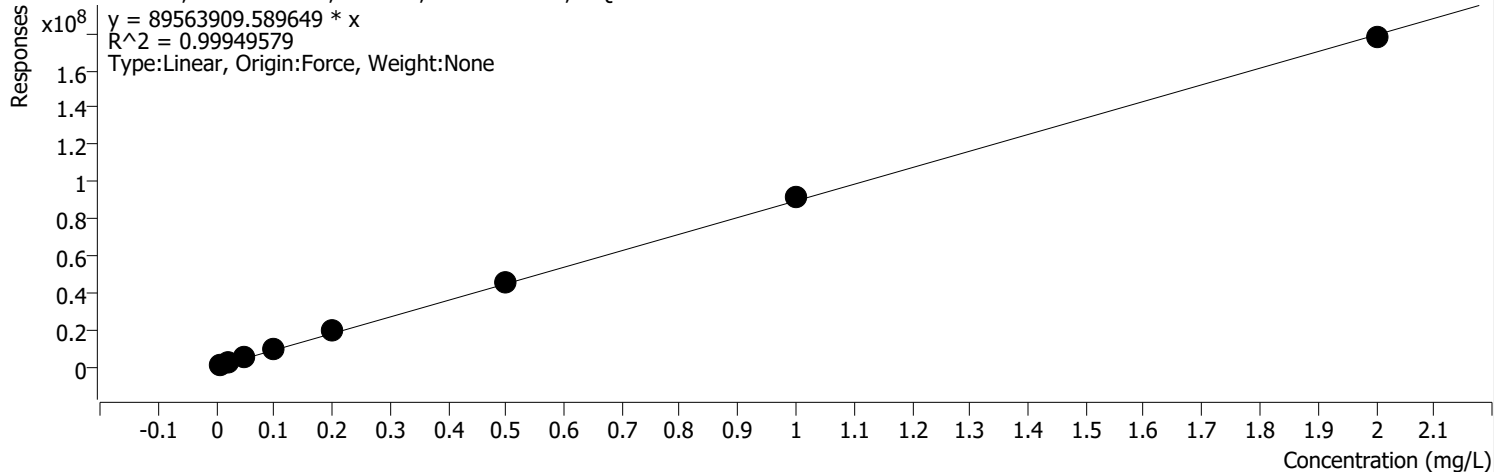
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	106170	0.0050	21233952 .2977	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	333076	0.0200	16653811 .4230	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	918685	0.0500	18373704 .9172	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	1725283	0.1000	17252826 .0011	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	3360943	0.2000	16804712 .6909	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	8386793	0.5000	16773586 .3369	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	17733682	1.0000	17733682 .3931	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	35118486	2.0000	17559243 .0492	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 %RSE = 31.5

A1260 5 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



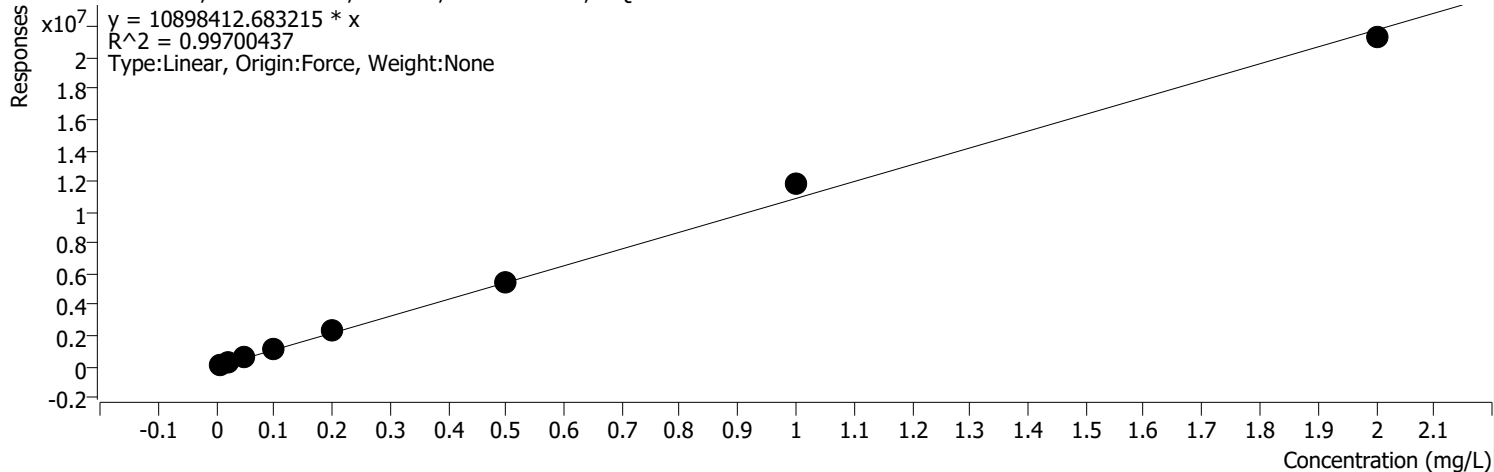
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	742774	0.0050	14855478 2.2966	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	2275603	0.0200	11378012 7.3954	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	5600318	0.0500	11200635 3.5666	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	10066275	0.1000	10066274 9.4681	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	19566627	0.2000	97833132 .9998	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	46102030	0.5000	92204059 .0950	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	91524316	1.0000	91524316 .1678	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	177563085	2.0000	88781542 .4250	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 4 2 %RSE = 9.3

A1016 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



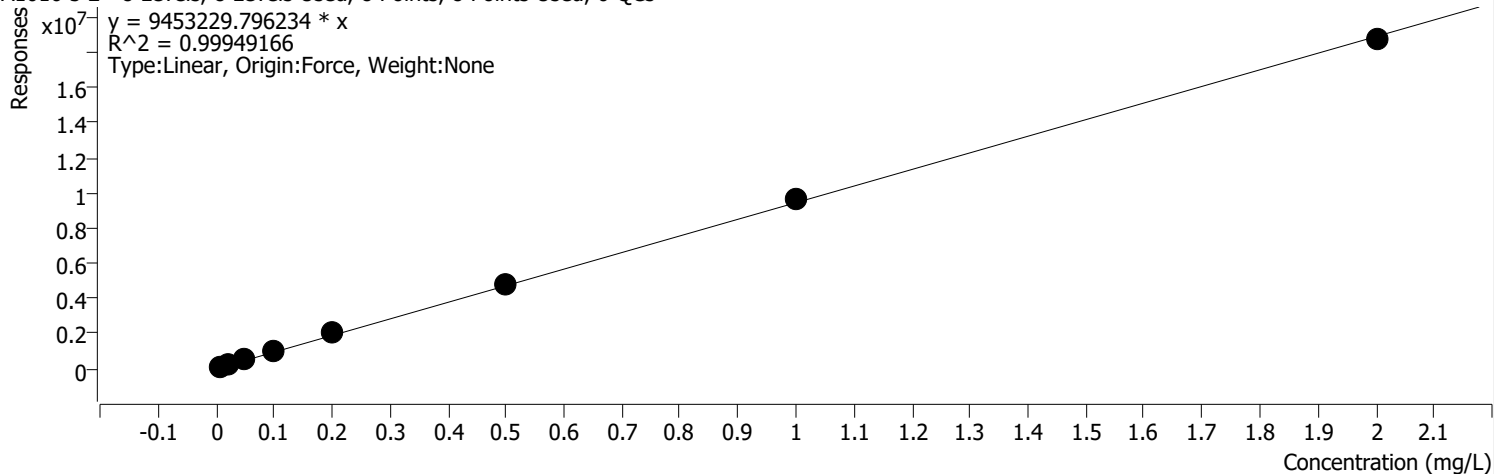
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	53014	0.0050	10602871 .6776	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	223727	0.0200	11186348 .4163	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	639248	0.0500	12784966 .0931	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	1180463	0.1000	11804628 .6482	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	2338097	0.2000	11690486 .6525	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	5485013	0.5000	10970025 .8438	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	11845669	1.0000	11845668 .7003	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	21291461	2.0000	10645730 .5345	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 5 2 %RSE = 11.6

A1016 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



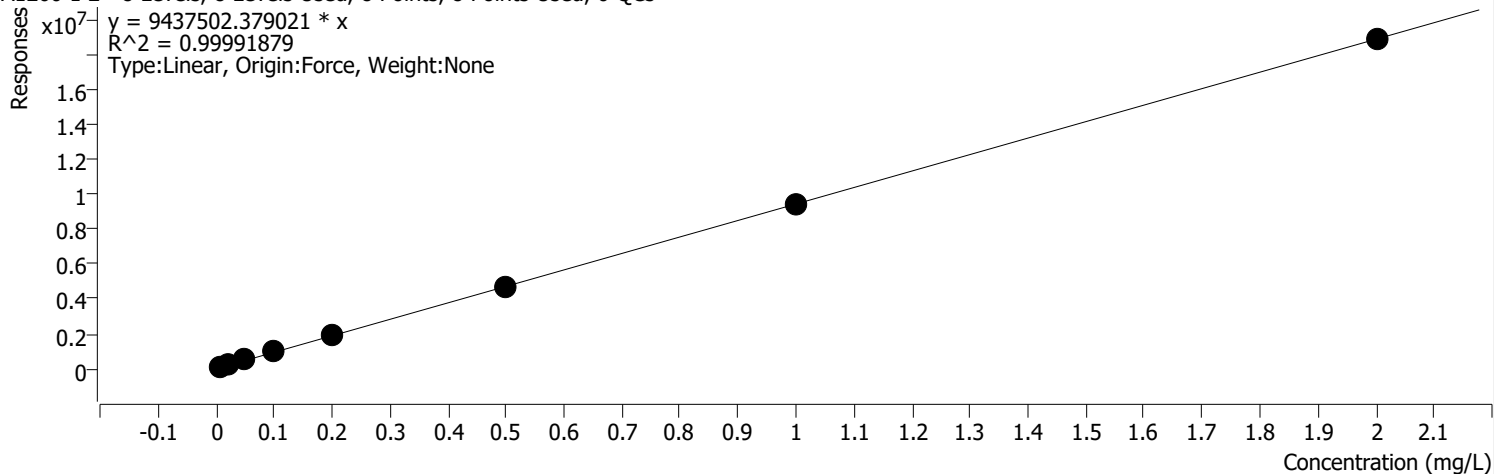
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	57206	0.0050	11441126 .1710	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	191830	0.0200	9591520. 4722	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	549269	0.0500	10985370 .0774	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	1006817	0.1000	10068165 .2500	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	2002953	0.2000	10014765 .3650	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	4875330	0.5000	9750660. 4450	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	9723911	1.0000	9723911. 4590	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	18717667	2.0000	9358833. 4296	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 1 2 %RSE = 11.8

A1260 1 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



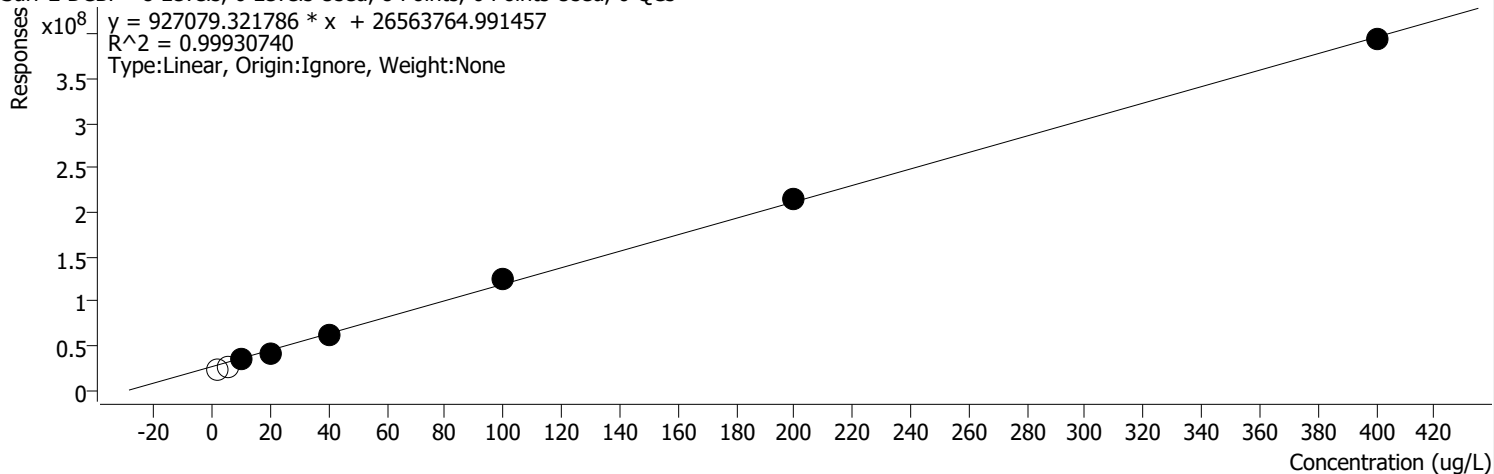
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	58968	0.0050	11793608 .1559	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	201627	0.0200	10081355 .1097	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	508402	0.0500	10168033 .9497	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	1017323	0.1000	10173226 .9499	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	2006561	0.2000	10032802 .8105	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	4726744	0.5000	9453487. 4095	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	9479169	1.0000	9479168. 5778	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	18835518	2.0000	9417758. 7560	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin		
Analysis Time	8/18/2022 10:12 AM	Analyst Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Reporter Name	FA\GC1625
Last Calib Update	8/18/2022 10:12 AM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP %RSE = 12.7

Surr 2 DCBP - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 0 QCs



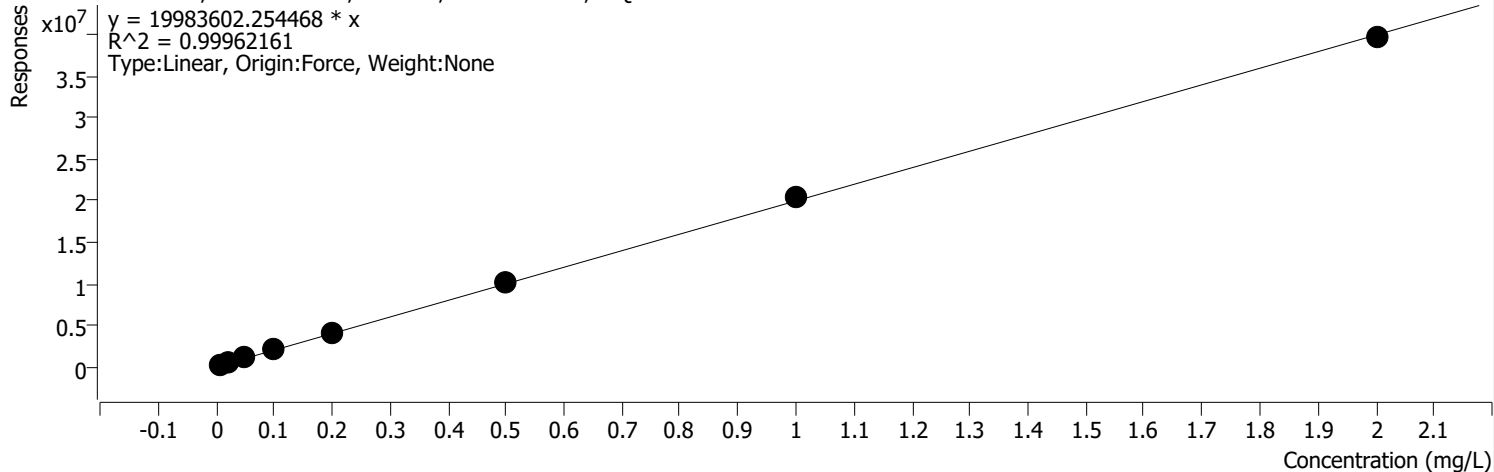
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1		24007952	1.2500	19206361.9240	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2		27167163	5.0000	5433432.5466	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	34155611	10.0000	3415561.1236	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	42116810	20.0000	2105840.4770	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	61980908	40.0000	1549522.6924	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	124560036	100.0000	1245600.3619	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	215998151	200.0000	1079990.7565	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	394422152	400.0000	986055.3794	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 2 2 %RSE = 13.7

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



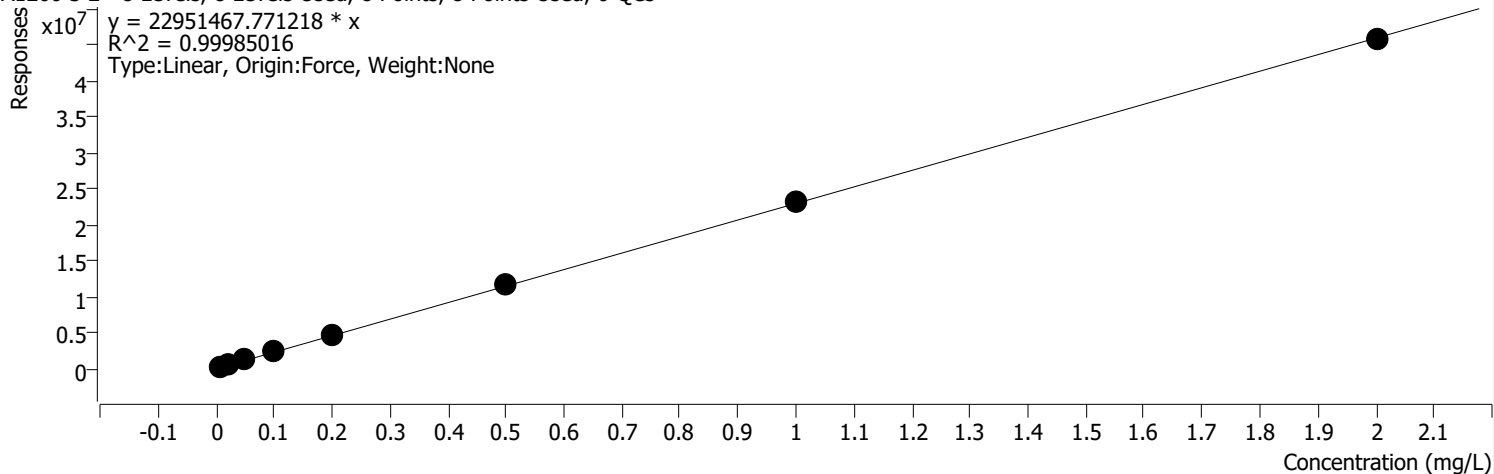
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	127666	0.0050	25533148 .6316	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	416171	0.0200	20808551 .6308	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	1162485	0.0500	23249694 .1649	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	2118132	0.1000	21181319 .2500	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	4197485	0.2000	20987422 .9000	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	10251263	0.5000	20502525 .2247	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	20477689	1.0000	20477688 .9917	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	39624914	2.0000	19812456 .8985	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 3 2 %RSE = 4.0

A1260 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



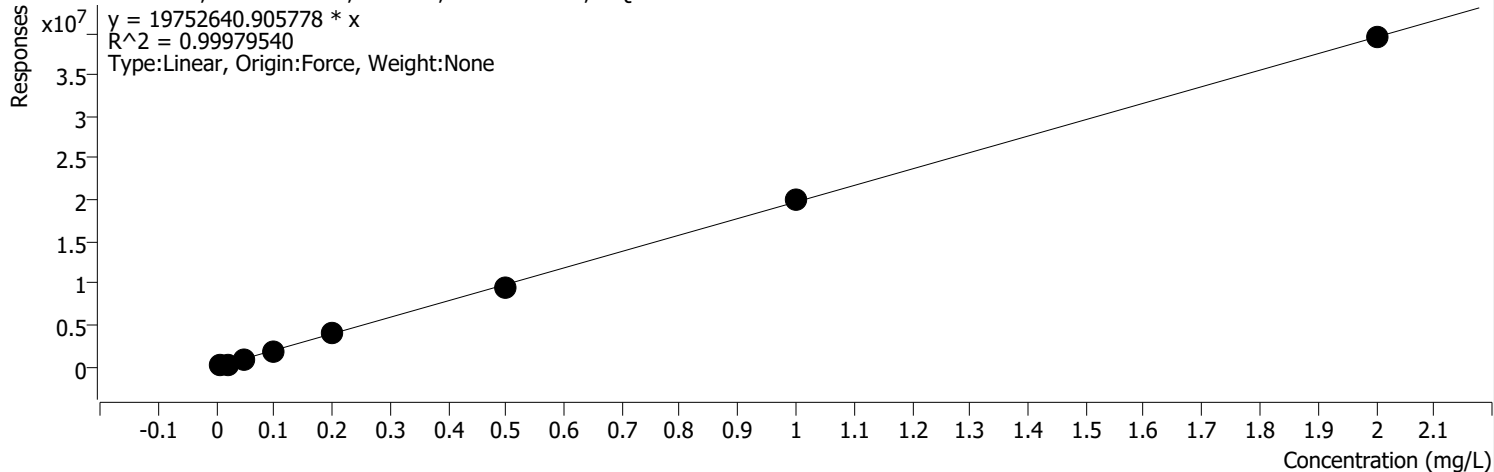
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	122947	0.0050	24589418 .0584	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	472166	0.0200	23608278 .2614	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	1185359	0.0500	23707181 .3145	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	2324932	0.1000	23249318 .0441	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	4793858	0.2000	23969289 .1517	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	11604046	0.5000	23208091 .6608	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	23335134	1.0000	23335134 .1389	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	45656082	2.0000	22828041 .1075	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 4 2 %RSE = 13.9

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



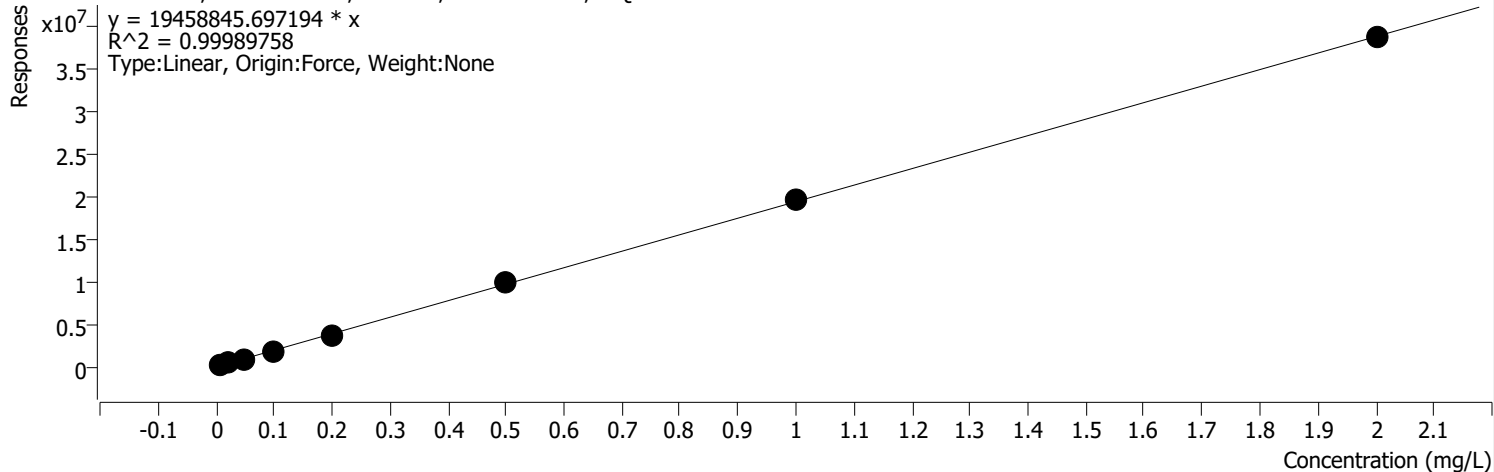
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	71218	0.0050	14243571 .0701	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	338234	0.0200	16911719 .8707	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	950742	0.0500	19014840 .2843	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	1739996	0.1000	17399962 .1178	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	3911288	0.2000	19556439 .8219	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	9583811	0.5000	19167622 .9208	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	20099756	1.0000	20099755 .8063	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	39422098	2.0000	19711049 .1617	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1260 5 2 %RSE = 9.4

A1260 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



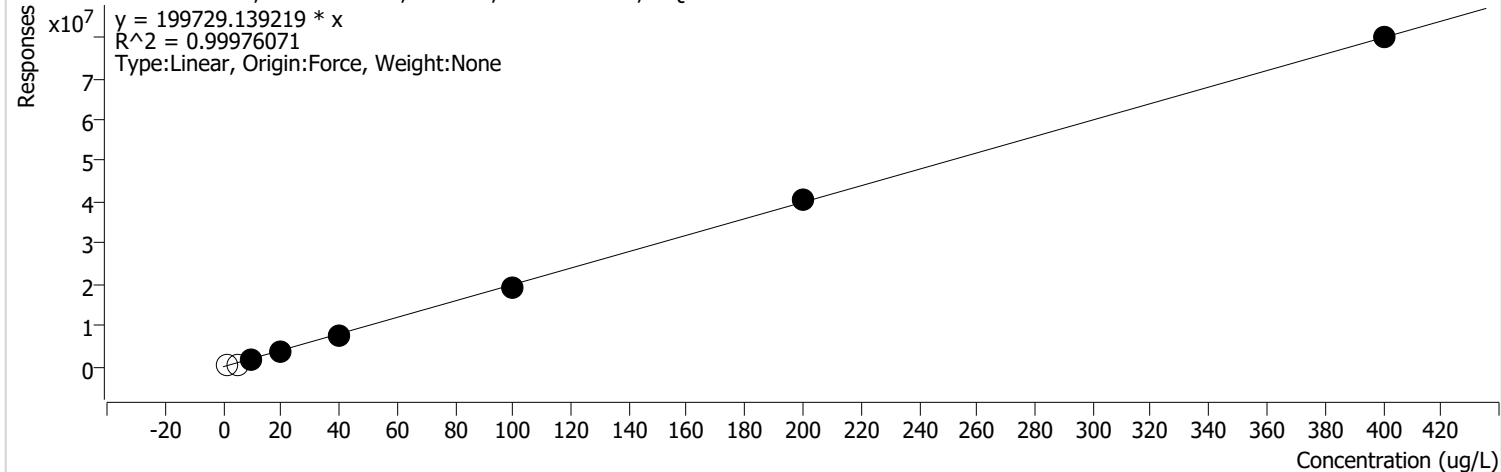
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1	x	76003	0.0050	15200555 .6728	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2	x	367831	0.0200	18391550 .5941	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	974151	0.0500	19483016 .3807	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	1884501	0.1000	18845006 .5905	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	3798356	0.2000	18991780 .2673	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	9852193	0.5000	19704385 .7792	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	19740126	1.0000	19740126 .4509	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	38759005	2.0000	19379502 .7429	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\PCB CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 10:12 AM	Reporter Name	FA\GC1625
Report Time	8/18/2022 10:12:52 AM	Batch State	Processed
Last Calib Update	8/18/2022 10:12 AM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE = 6.4

Surr 2 DCBP 2 - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 0 QCs



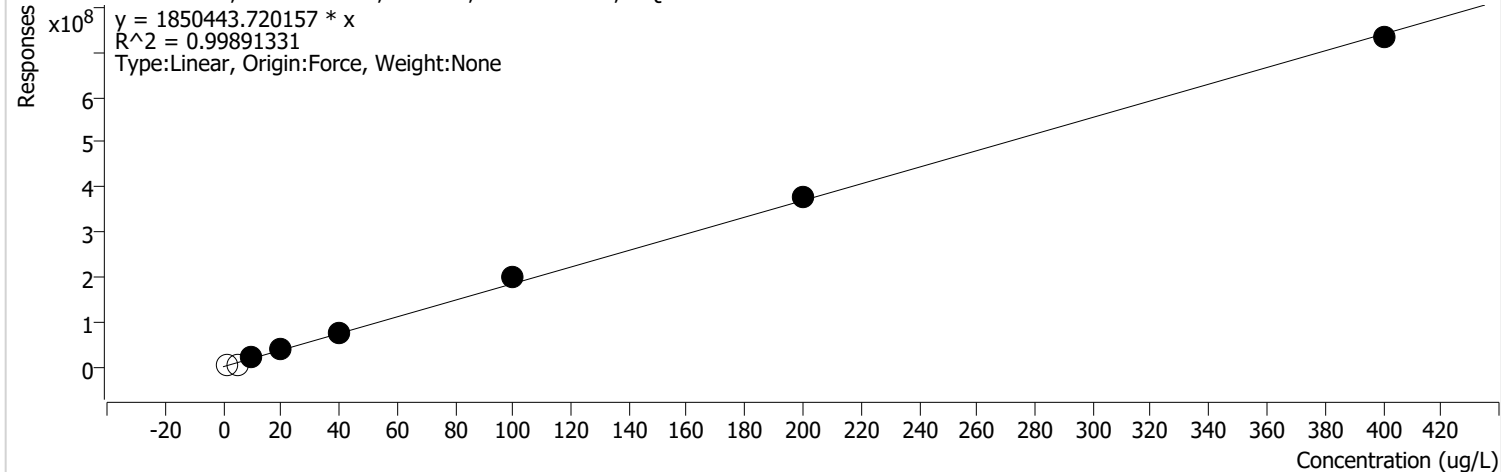
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081715.D	Calibration	1		135684	1.2500	108547.5667	
D:\GC-16\Data\2022\081722\081716.D	Calibration	2		659796	5.0000	131959.2756	
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	1897272	10.0000	189727.2483	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	3611120	20.0000	180556.0163	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	7509549	40.0000	187738.7248	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	19349275	100.0000	193492.7463	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	40507761	200.0000	202538.8072	
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Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:50 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE =

Surr 1 TCMX - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 0 QCs

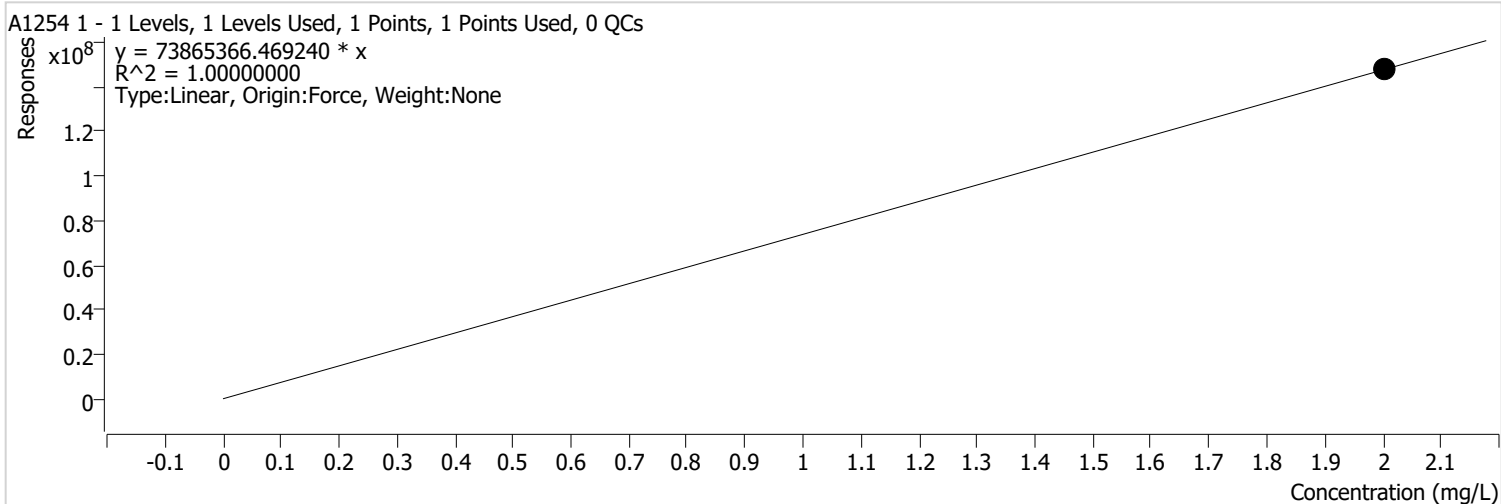


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\040822\040809.D	Calibration	1		2644377	1.2500		
D:\GC-16\Data\2022\040822\040810.D	Calibration	2		6498571	5.0000		
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	21333919	10.0000	2133391.8960	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	38756813	20.0000	1937840.6494	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	76304395	40.0000	1907609.8839	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	201608509	100.0000	2016085.0921	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	377363290	200.0000	1886816.4489	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	732012382	400.0000	1830030.9557	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:50 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE =



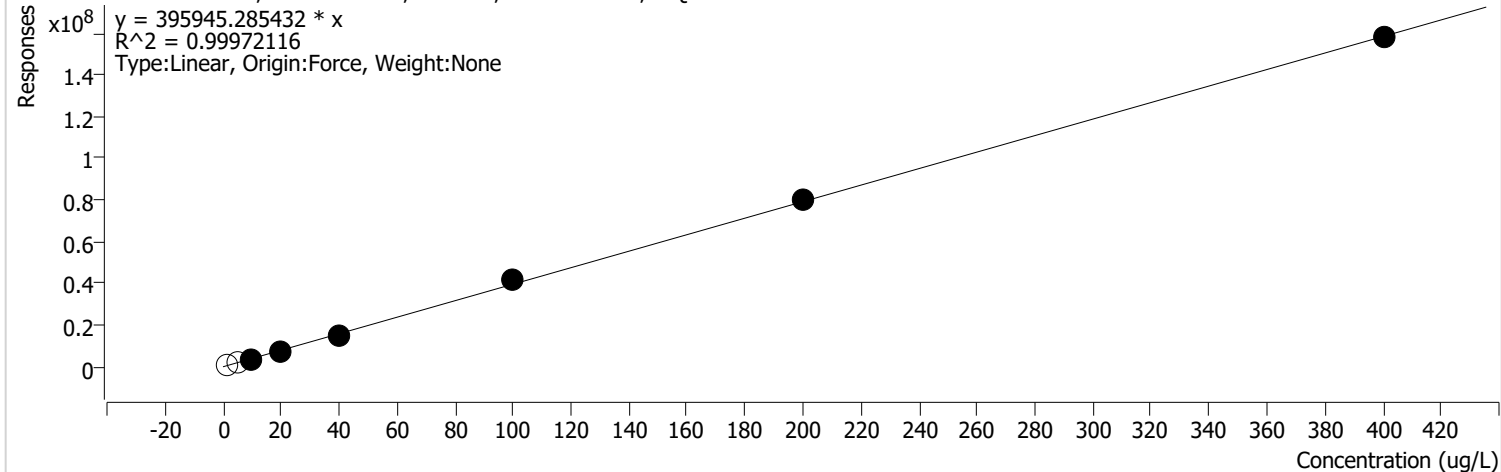
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081729.D	Calibration	9	x	147730733	2.0000	73865366.4692	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:50 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE =

Surr 1 TCMX 2 - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 0 QCs

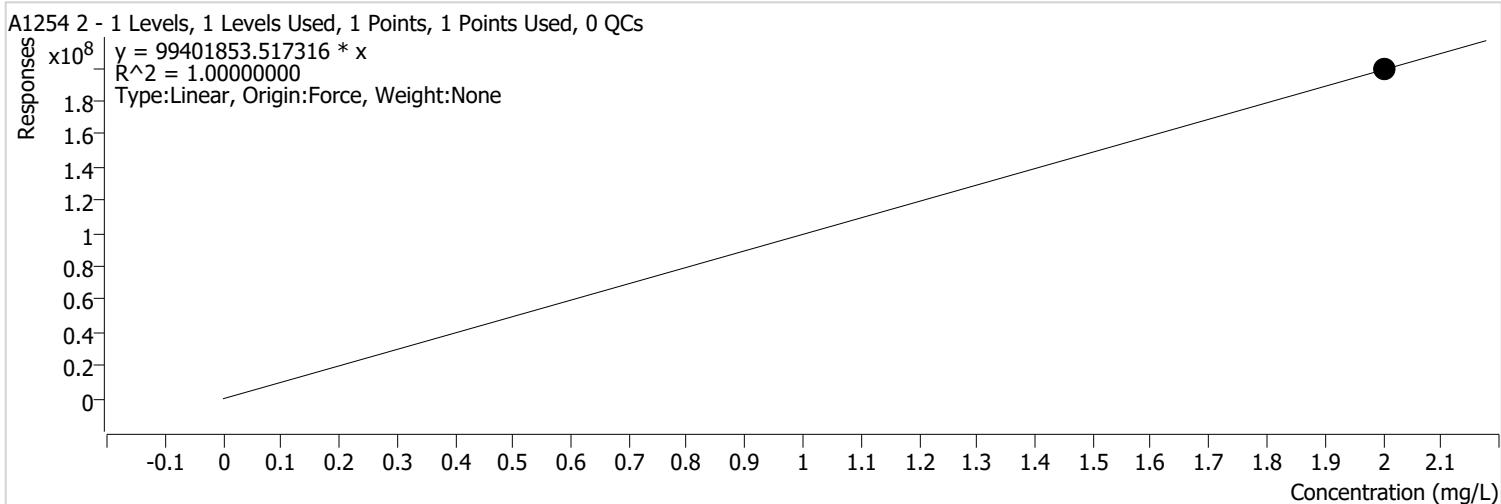


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\040822\040809.D	Calibration	1		914811	1.2500		
D:\GC-16\Data\2022\040822\040810.D	Calibration	2		2234535	5.0000		
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	3877995	10.0000	387799.4 778	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	7273575	20.0000	363678.7 256	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	14865689	40.0000	371642.2 369	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	41158234	100.0000	411582.3 359	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	80017279	200.0000	400086.3 944	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	157704592	400.0000	394261.4 805	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:50 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 %RSE =



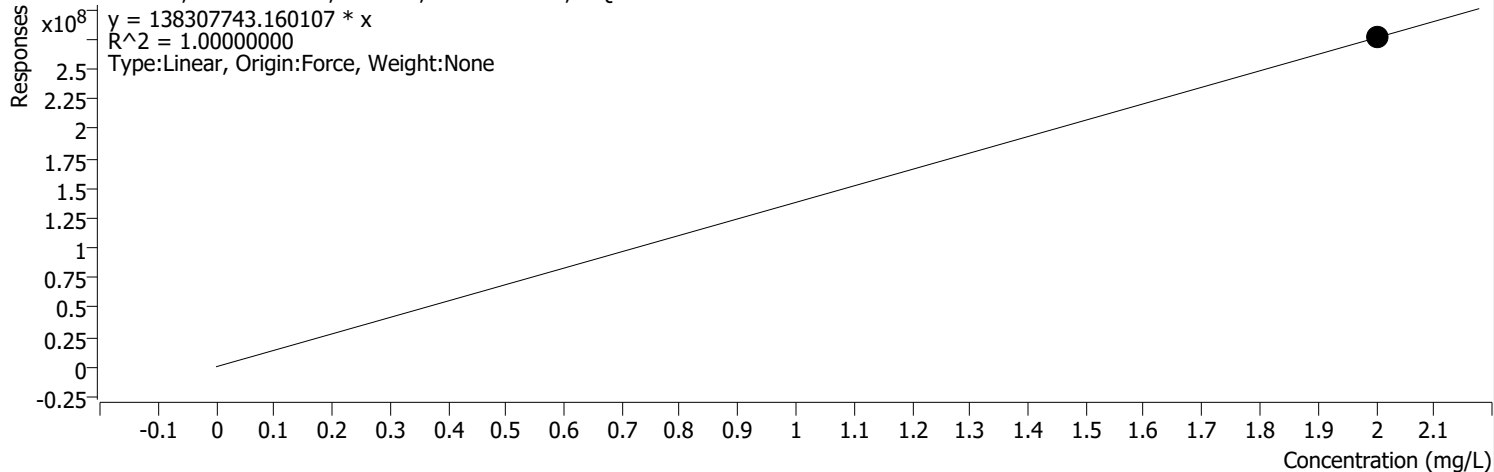
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081729.D	Calibration	9	x	198803707	2.0000	99401853.5173	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:50 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE =

A1254 3 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



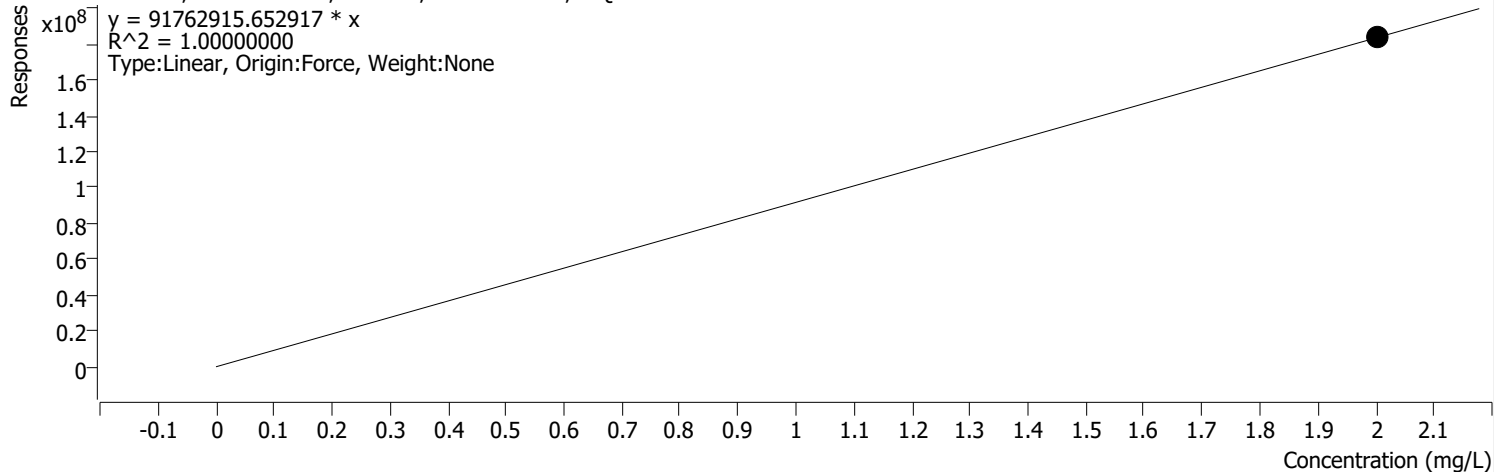
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081729.D	Calibration	9	x	276615486	2.0000	13830774 3.1601	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:50 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 %RSE =

A1254 4 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs

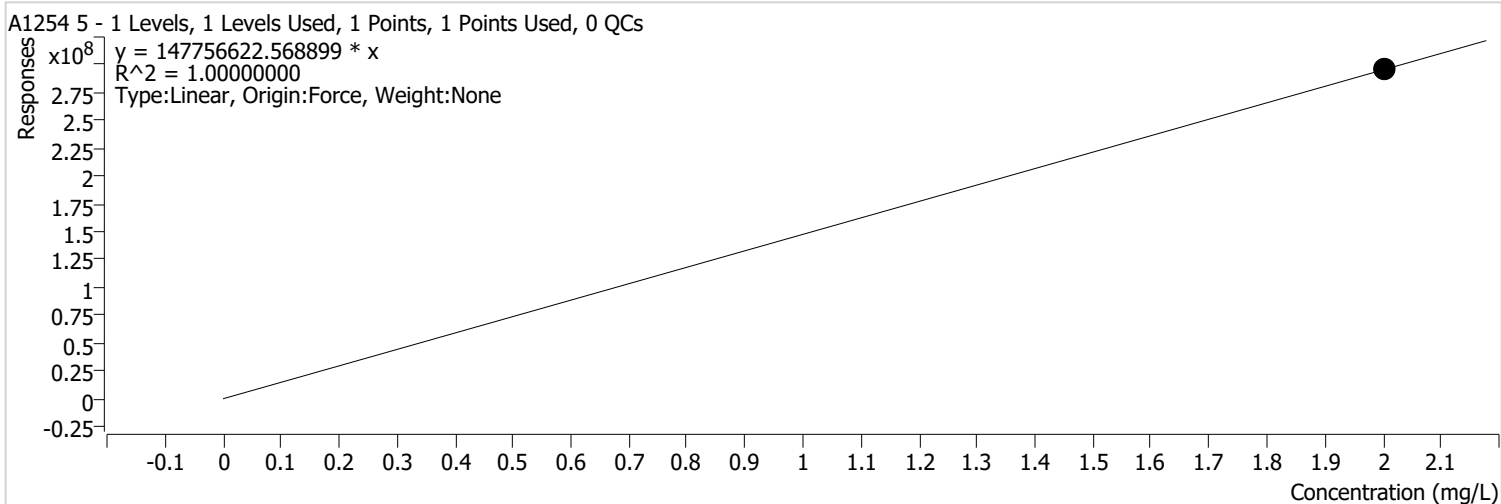


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081729.D	Calibration	9	x	183525831	2.0000	91762915.6529	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:51 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE =



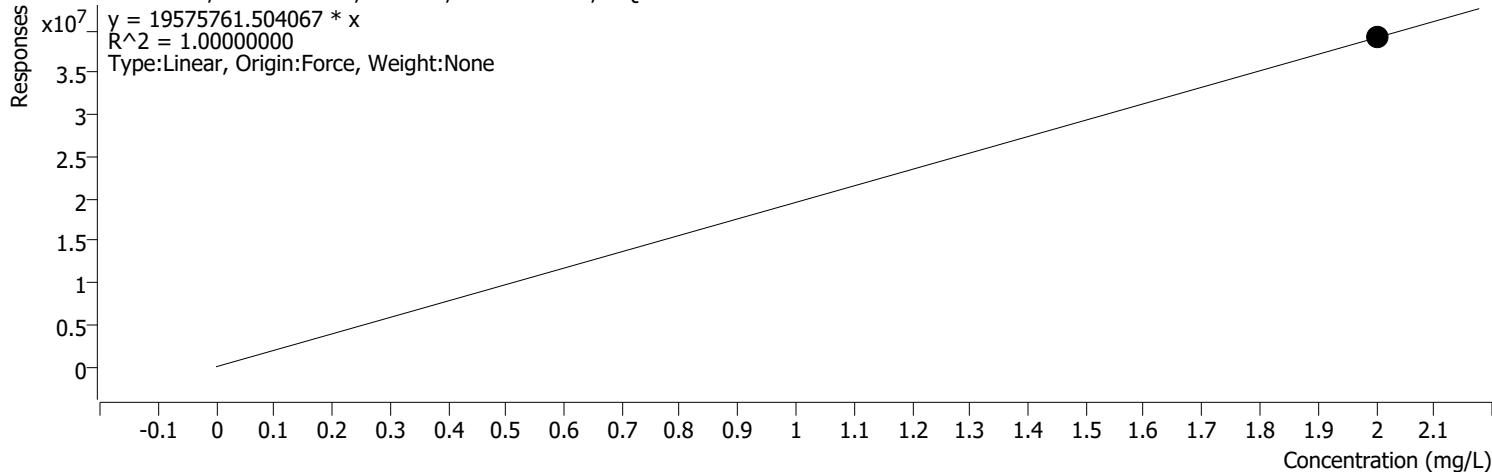
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081729.D	Calibration	9	x	295513245	2.0000	14775662 2.5689	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:51 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 2 %RSE =

A1254 1 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



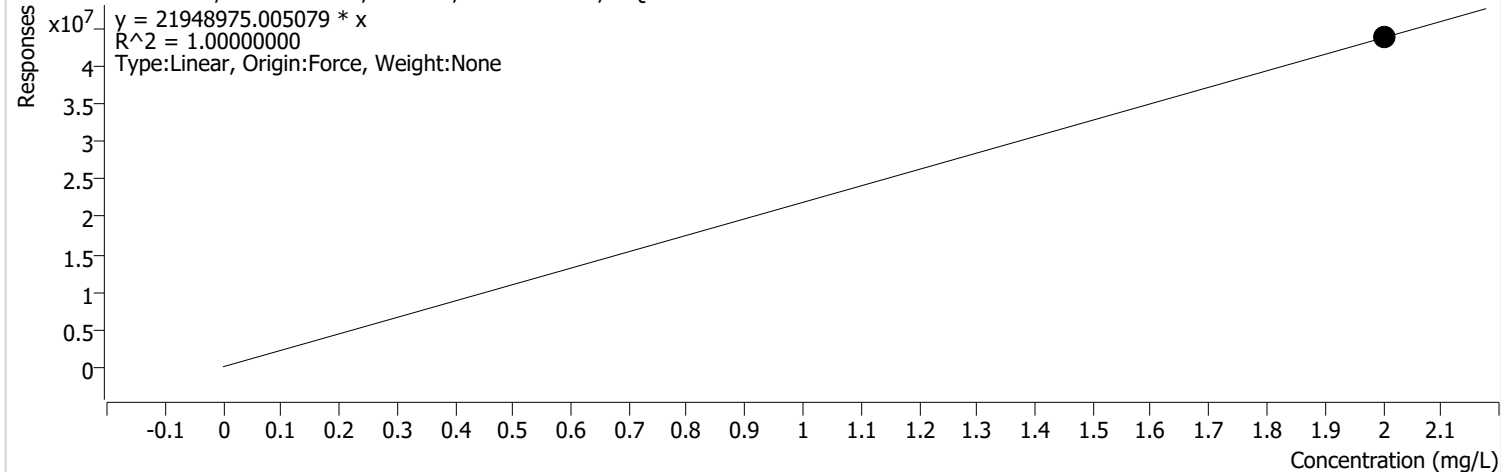
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081729.D	Calibration	9	x	39151523	2.0000	19575761.5041	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:51 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 2 %RSE =

A1254 2 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



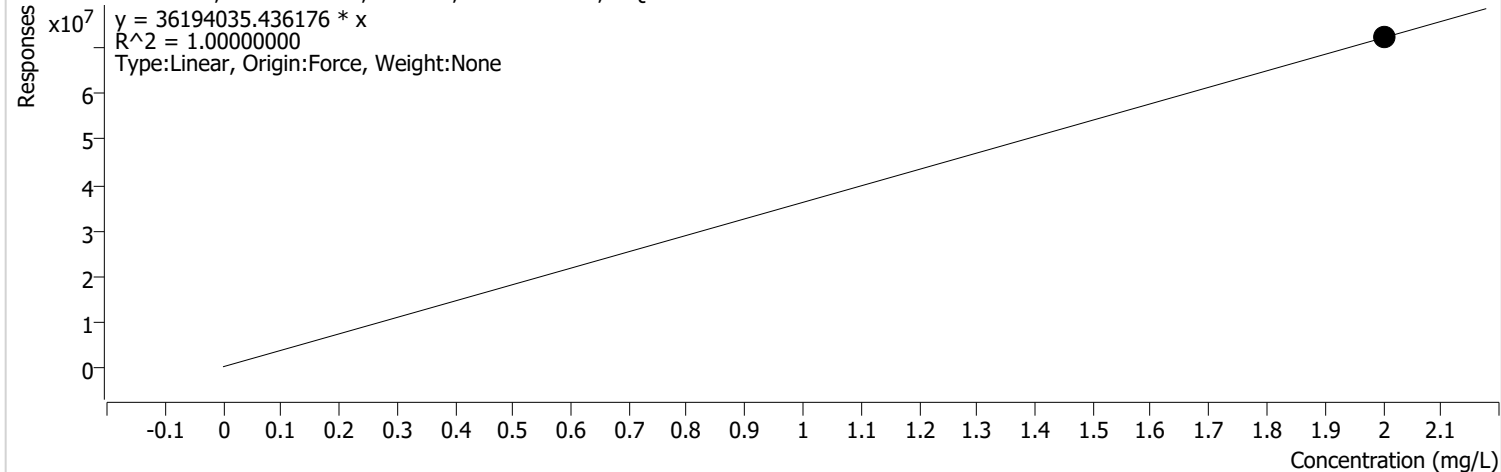
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081729.D	Calibration	9	x	43897950	2.0000	21948975.0051	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:51 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 2 %RSE =

A1254 3 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



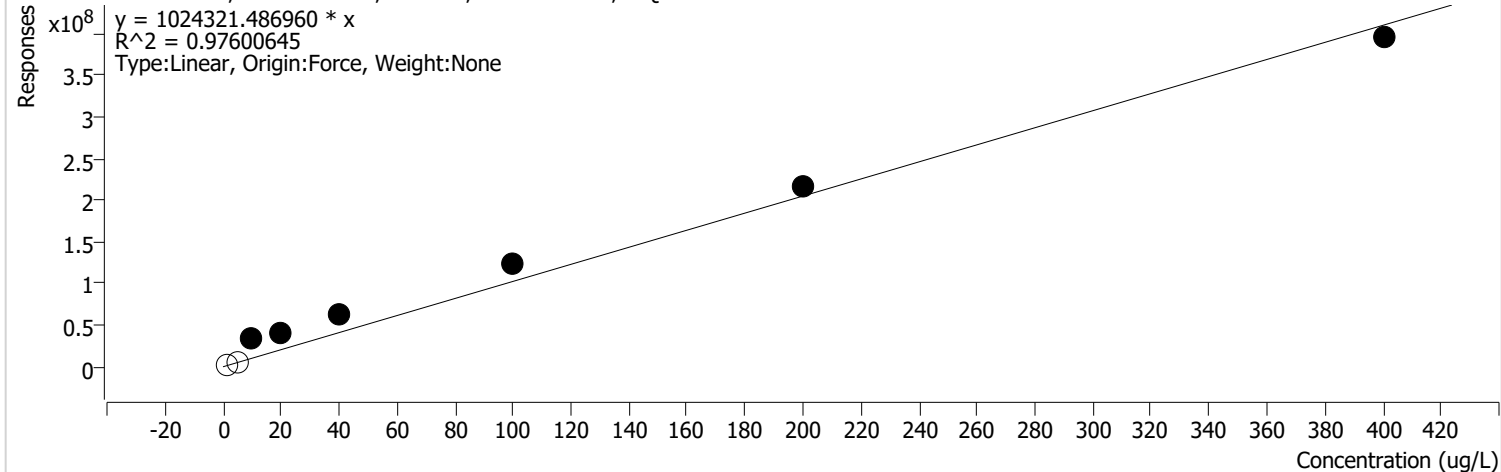
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081729.D	Calibration	9	x	72388071	2.0000	36194035.4362	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:51 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 0 QCs

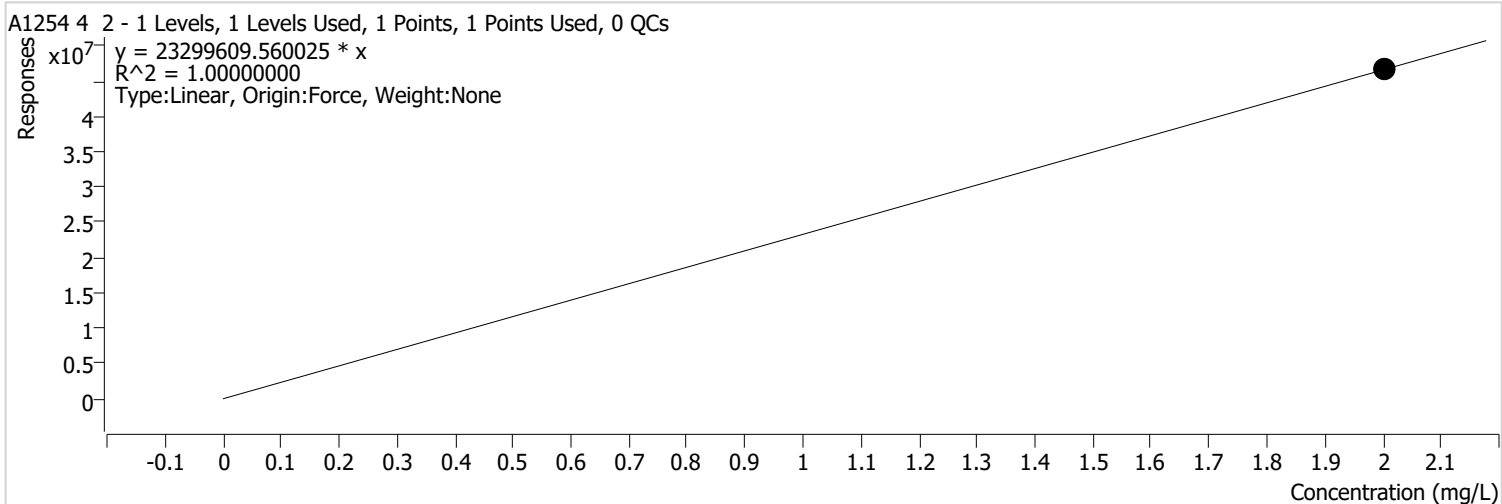


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\040822\040809.D	Calibration	1		1110753	1.2500		
D:\GC-16\Data\2022\040822\040810.D	Calibration	2		3843176	5.0000		
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	34136411	10.0000	3413641.0833	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	42091725	20.0000	2104586.2399	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	61955201	40.0000	1548880.0294	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	124850589	100.0000	1248505.8924	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	216349972	200.0000	1081749.8619	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	394605318	400.0000	986513.2958	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:51 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 4 2 %RSE =

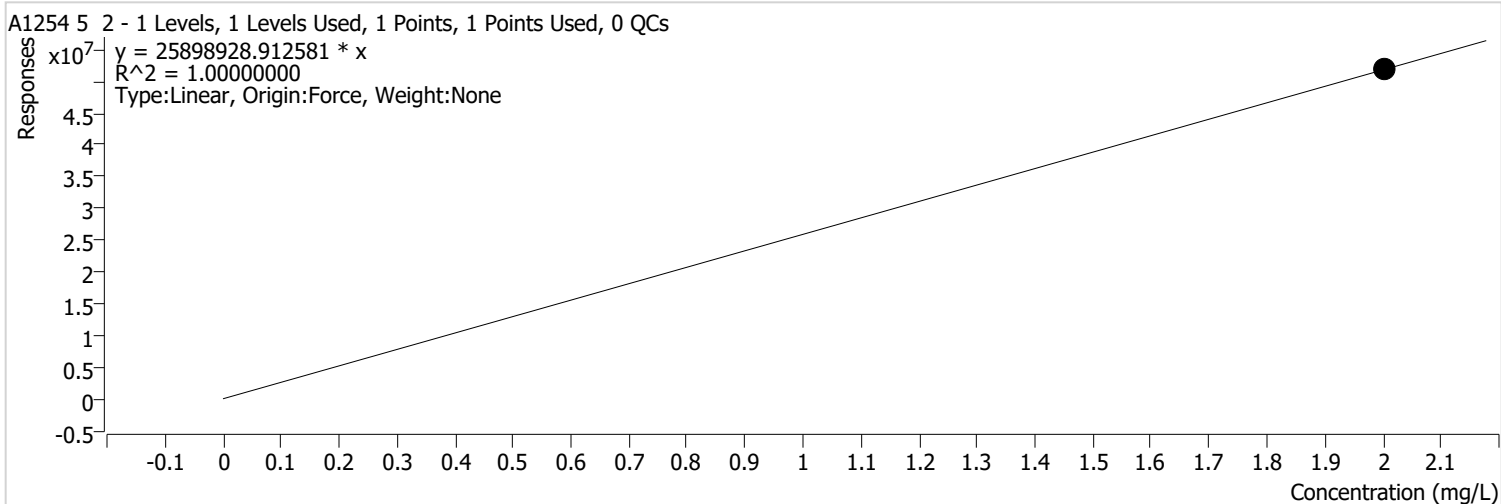


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081729.D	Calibration	9	x	46599219	2.0000	23299609.5600	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:51 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 2 %RSE =



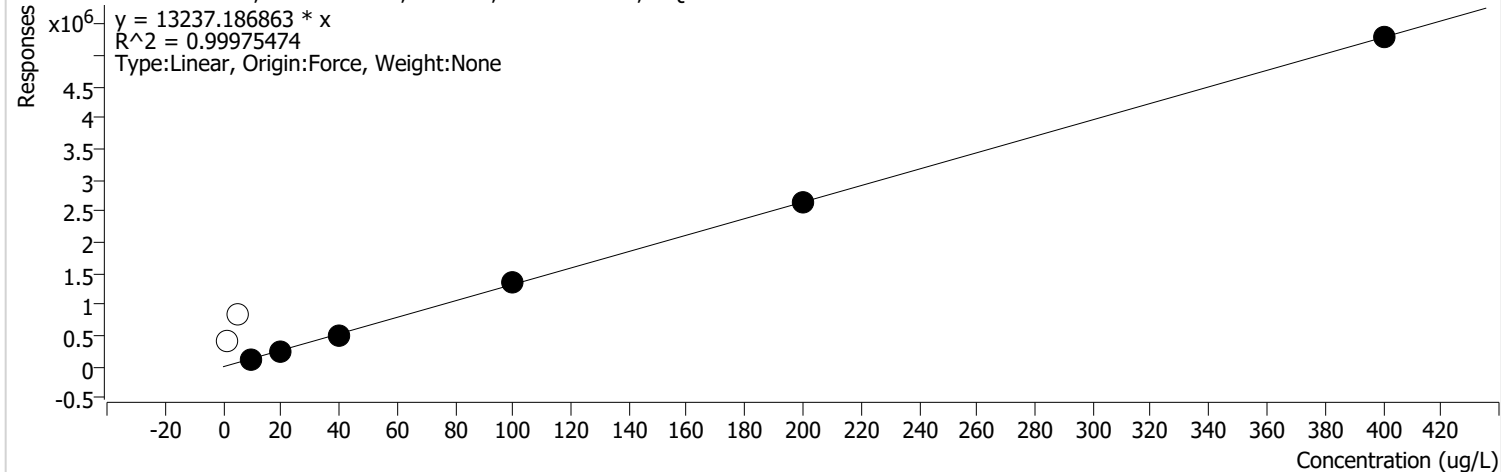
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\081722\081729.D	Calibration	9	x	51797858	2.0000	25898928.9126	

Calibration Report

Batch Path	D:\GC-16\Data\2022\081722\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	8/18/2022 2:58 PM	Reporter Name	FA\GC1625
Report Time	8/18/2022 2:59:51 PM	Batch State	Processed
Last Calib Update	8/18/2022 2:58 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE =

Surr 2 DCBP 2 - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-16\Data\2022\040822\040809.D	Calibration	1		417080	1.2500		
D:\GC-16\Data\2022\040822\040810.D	Calibration	2		847975	5.0000		
D:\GC-16\Data\2022\081722\081717.D	Calibration	3	x	103269	10.0000	10326.94 37	
D:\GC-16\Data\2022\081722\081718.D	Calibration	4	x	239304	20.0000	11965.19 70	
D:\GC-16\Data\2022\081722\081719.D	Calibration	5	x	498537	40.0000	12463.42 12	
D:\GC-16\Data\2022\081722\081720.D	Calibration	6	x	1372612	100.0000	13726.11 97	
D:\GC-16\Data\2022\081722\081721.D	Calibration	7	x	2648782	200.0000	13243.91 02	
D:\GC-16\Data\2022\081722\081722.D	Calibration	8	x	5287074	400.0000	13217.68 42	

PCB Calibration

Date: 8/17/22 Cal Std (1016/1260): 26765 Concentration: 100 ug/mL
 Analyst: OK ICV Std (SS): 24706 Concentration: 100 ug/mL
 Aroclors: 1221: 20519 1232: 23017 1242: 23020 1248: 23021
 1254: 23486 1262: 23022 1268: 20520 Conc: 1000 ug/mL
 Hexane: 6422 SURROGATE: 27122 Concentration: 20 ug/mL

Calibration Point (ppb)	Surr Cal Pt (ppb)	Hexane (uL)	STD ID	STD Amt (uL)	Surr Amt (uL)	Final Vol. (mL)	Comments
2000	400	960	Cal Std	20	20	1	
1000	200	980	Cal Std	10	10	1	
500	100	990	Cal Std	5	5	1	
200	40	900	2000*	100	--	1	*Points 200, 100, and 50 will be made with prepared Point 2000
100	20	950	2000*	50	--	1	
50	10	975	2000*	25	--	1	
20	(5)	900	200**	100	--	1	**Points 20 and 5 will be made with prepared Point 200
5	(1.25)	975	200**	25	--	1	
ICB	200	990	--	--	10	1	
ICV (1000 ppb)	200	980	ICV	10	10	1	

Note: Points 20 and 10 will contain surrogate as they are prepared from a mixed std, but will not be included in the surr curve.

Single Point Aroclors

Calibration Point	Surr Conc (ppb)	Hexane (uL)	STD ID	STD Amt (uL)	Surr Amt (uL)	Final Vol (mL)	Comments
2000	200	988	Each Aroclor	2	10	1	

Signature and Date:  8/17/22



3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Shannon & Wilson

Ryan Peterson
400 N. 34th Street, Suite 100
Seattle, WA 98103

RE: 8801 Excavations
Work Order Number: 2208276

August 19, 2022

Attention Ryan Peterson:

Fremont Analytical, Inc. received 5 sample(s) on 8/18/2022 for the analyses presented in the following report.

Polychlorinated Biphenyls (PCB) by EPA 8082
Sample Moisture (Percent Moisture)

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Revision v1

www.fremontanalytical.com



CLIENT: Shannon & Wilson
Project: 8801 Excavations
Work Order: 2208276

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2208276-001	A4-BOT147:8	08/18/2022 11:20 AM	08/18/2022 4:06 PM
2208276-002	A4-BOT148:8	08/18/2022 11:25 AM	08/18/2022 4:06 PM
2208276-003	A4-BOT142:11	08/18/2022 1:23 PM	08/18/2022 4:06 PM
2208276-004	A4-SIDE149:3	08/18/2022 1:54 PM	08/18/2022 4:06 PM
2208276-005	A4-SIDE149:8	08/18/2022 1:58 PM	08/18/2022 4:06 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Shannon & Wilson

Project: 8801 Excavations

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2208276-001A, 002A, 003A, 004A, 005A) required Acid Cleanup Procedure (Using Method No 3665A).

Prep Comments for METHOD (PREP-PCB-S), SAMPLE (2208276-001A, 002A, 003A, 004A, 005A) required Florisil Cleanup Procedure (Using Method No 3620C).

8/25/2022: Revision 1 includes level 2B data.

Qualifiers:

- * - Associated LCS is outside of control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Method Detection Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Client: Shannon & Wilson

Collection Date: 8/18/2022 11:20:00 AM

Project: 8801 Excavations

Lab ID: 2208276-001

Matrix: Soil

Client Sample ID: A4-BOT147:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37488

Analyst: SK

Aroclor 1016	ND	0.0450	0.00725		mg/Kg-dry	1	08/19/22 15:12:03
Aroclor 1221	ND	0.0450	0.00725		mg/Kg-dry	1	08/19/22 15:12:03
Aroclor 1232	ND	0.0450	0.00725		mg/Kg-dry	1	08/19/22 15:12:03
Aroclor 1242	ND	0.0450	0.00725		mg/Kg-dry	1	08/19/22 15:12:03
Aroclor 1248	ND	0.0450	0.00894		mg/Kg-dry	1	08/19/22 15:12:03
Aroclor 1254	0.0956	0.0450	0.00894		mg/Kg-dry	1	08/19/22 15:12:03
Aroclor 1260	ND	0.0450	0.00894		mg/Kg-dry	1	08/19/22 15:12:03
Aroclor 1262	ND	0.0450	0.00894		mg/Kg-dry	1	08/19/22 15:12:03
Aroclor 1268	ND	0.0450	0.00894		mg/Kg-dry	1	08/19/22 15:12:03
Total PCBs	0.0956	0.0450	0.00894		mg/Kg-dry	1	08/19/22 15:12:03
Surr: Decachlorobiphenyl	123	9.77 - 154			%Rec	1	08/19/22 15:12:03
Surr: Tetrachloro-m-xylene	99.3	24.2 - 187			%Rec	1	08/19/22 15:12:03

Sample Moisture (Percent Moisture)

Batch ID: R77646

Analyst: SK

Percent Moisture	16.1	0.500	0.100		wt%	1	08/19/22 8:59:59
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Client: Shannon & Wilson

Collection Date: 8/18/2022 11:25:00 AM

Project: 8801 Excavations

Lab ID: 2208276-002

Matrix: Soil

Client Sample ID: A4-BOT148:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37488

Analyst: SK

Aroclor 1016	ND	0.0455	0.00733		mg/Kg-dry	1	08/19/22 15:21:48
Aroclor 1221	ND	0.0455	0.00733		mg/Kg-dry	1	08/19/22 15:21:48
Aroclor 1232	ND	0.0455	0.00733		mg/Kg-dry	1	08/19/22 15:21:48
Aroclor 1242	ND	0.0455	0.00733		mg/Kg-dry	1	08/19/22 15:21:48
Aroclor 1248	ND	0.0455	0.00904		mg/Kg-dry	1	08/19/22 15:21:48
Aroclor 1254	0.273	0.0455	0.00904		mg/Kg-dry	1	08/19/22 15:21:48
Aroclor 1260	ND	0.0455	0.00904		mg/Kg-dry	1	08/19/22 15:21:48
Aroclor 1262	ND	0.0455	0.00904		mg/Kg-dry	1	08/19/22 15:21:48
Aroclor 1268	ND	0.0455	0.00904		mg/Kg-dry	1	08/19/22 15:21:48
Total PCBs	0.273	0.0455	0.00904		mg/Kg-dry	1	08/19/22 15:21:48
Surr: Decachlorobiphenyl	109	9.77 - 154			%Rec	1	08/19/22 15:21:48
Surr: Tetrachloro-m-xylene	98.8	24.2 - 187			%Rec	1	08/19/22 15:21:48

Sample Moisture (Percent Moisture)

Batch ID: R77646

Analyst: SK

Percent Moisture	18.5	0.500	0.100		wt%	1	08/19/22 8:59:59
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Analytical Report

Work Order: 2208276
Date Reported: 8/19/2022

Client: Shannon & Wilson
Project: 8801 Excavations
Lab ID: 2208276-003
Client Sample ID: A4-BOT142:11

Collection Date: 8/18/2022 1:23:00 PM
Matrix: Soil

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
<u>Polychlorinated Biphenyls (PCB) by EPA 8082</u>				Batch ID: 37488		Analyst: SK	
Aroclor 1016	ND	0.0435	0.00701		mg/Kg-dry	1	08/19/22 15:31:29
Aroclor 1221	ND	0.0435	0.00701		mg/Kg-dry	1	08/19/22 15:31:29
Aroclor 1232	ND	0.0435	0.00701		mg/Kg-dry	1	08/19/22 15:31:29
Aroclor 1242	ND	0.0435	0.00701		mg/Kg-dry	1	08/19/22 15:31:29
Aroclor 1248	ND	0.0435	0.00865		mg/Kg-dry	1	08/19/22 15:31:29
Aroclor 1254	0.818	0.0435	0.00865		mg/Kg-dry	1	08/19/22 15:31:29
Aroclor 1260	ND	0.0435	0.00865		mg/Kg-dry	1	08/19/22 15:31:29
Aroclor 1262	ND	0.0435	0.00865		mg/Kg-dry	1	08/19/22 15:31:29
Aroclor 1268	ND	0.0435	0.00865		mg/Kg-dry	1	08/19/22 15:31:29
Total PCBs	0.818	0.0435	0.00865		mg/Kg-dry	1	08/19/22 15:31:29
Surr: Decachlorobiphenyl	109	9.77 - 154			%Rec	1	08/19/22 15:31:29
Surr: Tetrachloro-m-xylene	92.2	24.2 - 187			%Rec	1	08/19/22 15:31:29
<u>Sample Moisture (Percent Moisture)</u>				Batch ID: R77646		Analyst: SK	
Percent Moisture	14.9	0.500	0.100		wt%	1	08/19/22 8:59:59



Client: Shannon & Wilson

Collection Date: 8/18/2022 1:54:00 PM

Project: 8801 Excavations

Lab ID: 2208276-004

Matrix: Soil

Client Sample ID: A4-SIDE149:3

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37488

Analyst: SK

Aroclor 1016	ND	0.0438	0.00706		mg/Kg-dry	1	08/19/22 15:41:16
Aroclor 1221	ND	0.0438	0.00706		mg/Kg-dry	1	08/19/22 15:41:16
Aroclor 1232	ND	0.0438	0.00706		mg/Kg-dry	1	08/19/22 15:41:16
Aroclor 1242	ND	0.0438	0.00706		mg/Kg-dry	1	08/19/22 15:41:16
Aroclor 1248	ND	0.0438	0.00870		mg/Kg-dry	1	08/19/22 15:41:16
Aroclor 1254	0.203	0.0438	0.00870		mg/Kg-dry	1	08/19/22 15:41:16
Aroclor 1260	ND	0.0438	0.00870		mg/Kg-dry	1	08/19/22 15:41:16
Aroclor 1262	ND	0.0438	0.00870		mg/Kg-dry	1	08/19/22 15:41:16
Aroclor 1268	ND	0.0438	0.00870		mg/Kg-dry	1	08/19/22 15:41:16
Total PCBs	0.203	0.0438	0.00870		mg/Kg-dry	1	08/19/22 15:41:16
Surr: Decachlorobiphenyl	112	9.77 - 154			%Rec	1	08/19/22 15:41:16
Surr: Tetrachloro-m-xylene	91.5	24.2 - 187			%Rec	1	08/19/22 15:41:16

Sample Moisture (Percent Moisture)

Batch ID: R77646

Analyst: SK

Percent Moisture	9.52	0.500	0.100		wt%	1	08/19/22 8:59:59
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Client: Shannon & Wilson

Collection Date: 8/18/2022 1:58:00 PM

Project: 8801 Excavations

Lab ID: 2208276-005

Matrix: Soil

Client Sample ID: A4-SIDE149:8

Analyses	Result	RL	MDL	Qual	Units	DF	Date Analyzed
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Polychlorinated Biphenyls (PCB) by EPA 8082

Batch ID: 37488

Analyst: SK

Aroclor 1016	ND	0.0391	0.00630		mg/Kg-dry	1	08/19/22 15:51:00
Aroclor 1221	ND	0.0391	0.00630		mg/Kg-dry	1	08/19/22 15:51:00
Aroclor 1232	ND	0.0391	0.00630		mg/Kg-dry	1	08/19/22 15:51:00
Aroclor 1242	ND	0.0391	0.00630		mg/Kg-dry	1	08/19/22 15:51:00
Aroclor 1248	ND	0.0391	0.00778		mg/Kg-dry	1	08/19/22 15:51:00
Aroclor 1254	0.0148	0.0391	0.00778	J	mg/Kg-dry	1	08/19/22 15:51:00
Aroclor 1260	ND	0.0391	0.00778		mg/Kg-dry	1	08/19/22 15:51:00
Aroclor 1262	ND	0.0391	0.00778		mg/Kg-dry	1	08/19/22 15:51:00
Aroclor 1268	ND	0.0391	0.00778		mg/Kg-dry	1	08/19/22 15:51:00
Total PCBs	0.0148	0.0391	0.00778	J	mg/Kg-dry	1	08/19/22 15:51:00
Surr: Decachlorobiphenyl	116	9.77 - 154			%Rec	1	08/19/22 15:51:00
Surr: Tetrachloro-m-xylene	90.0	24.2 - 187			%Rec	1	08/19/22 15:51:00

Sample Moisture (Percent Moisture)

Batch ID: R77646

Analyst: SK

Percent Moisture	13.0	0.500	0.100		wt%	1	08/19/22 8:59:59
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Work Order: 2208276
 CLIENT: Shannon & Wilson
 Project: 8801 Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: PCB ICB	SampType: ICB	Units: mg/Kg	Prep Date: 4/14/2022	RunNo: 75092							
Client ID: ICB	Batch ID: R75092		Analysis Date: 4/14/2022	SeqNo: 1540495							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	167		200.0		83.7	50.2	159				
Surr: Tetrachloro-m-xylene	179		200.0		89.4	60.3	134				

Sample ID: PCB ICV	SampType: ICV	Units: mg/Kg	Prep Date: 4/14/2022	RunNo: 75092							
Client ID: ICV	Batch ID: R75092		Analysis Date: 4/14/2022	SeqNo: 1540496							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.991	0.0500	1.000	0	99.1	80	120				
Aroclor 1260	0.987	0.0500	1.000	0	98.7	80	120				
Surr: Decachlorobiphenyl	206		200.0		103	30.2	155				
Surr: Tetrachloro-m-xylene	196		200.0		98.2	58.8	143				

Sample ID: 1660-CCV-37488A	SampType: CCV	Units: mg/Kg	Prep Date: 8/19/2022	RunNo: 77669							
Client ID: CCV	Batch ID: 37488		Analysis Date: 8/19/2022	SeqNo: 1595571							
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.961	0.0500	1.000	0	96.1	80	120				
Aroclor 1260	0.975	0.0500	1.000	0	97.5	80	120				
Surr: Decachlorobiphenyl	202		200.0		101	30.2	155				
Surr: Tetrachloro-m-xylene	184		200.0		92.0	58.8	143				

Work Order: 2208276
 CLIENT: Shannon & Wilson
 Project: 8801 Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: MB-37488	SampType: MBLK	Units: mg/Kg				Prep Date: 8/19/2022	RunNo: 77669				
Client ID: MBLKS	Batch ID: 37488					Analysis Date: 8/19/2022	SeqNo: 1595572				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	0.0500									
Aroclor 1221	ND	0.0500									
Aroclor 1232	ND	0.0500									
Aroclor 1242	ND	0.0500									
Aroclor 1248	ND	0.0500									
Aroclor 1254	ND	0.0500									
Aroclor 1260	ND	0.0500									
Aroclor 1262	ND	0.0500									
Aroclor 1268	ND	0.0500									
Total PCBs	ND	0.0500									
Surr: Decachlorobiphenyl	253		200.0		127	9.77	154				
Surr: Tetrachloro-m-xylene	205		200.0		103	24.2	187				

Sample ID: LCS-37488	SampType: LCS	Units: mg/Kg				Prep Date: 8/19/2022	RunNo: 77669				
Client ID: LCSS	Batch ID: 37488					Analysis Date: 8/19/2022	SeqNo: 1595573				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.06	0.0500	1.000	0	106	75.7	162				
Aroclor 1260	0.996	0.0500	1.000	0	99.6	57.8	183				
Surr: Decachlorobiphenyl	241		200.0		120	9.77	154				
Surr: Tetrachloro-m-xylene	191		200.0		95.6	24.2	187				

Sample ID: 2208276-001AMS	SampType: MS	Units: mg/Kg-dry				Prep Date: 8/19/2022	RunNo: 77669				
Client ID: A4-BOT147:8	Batch ID: 37488					Analysis Date: 8/19/2022	SeqNo: 1595579				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.909	0.0447	0.8941	0	102	55.6	188				
Aroclor 1260	0.831	0.0447	0.8941	0	92.9	54.5	178				
Surr: Decachlorobiphenyl	202		178.8		113	9.77	154				
Surr: Tetrachloro-m-xylene	168		178.8		94.1	24.2	187				

Work Order: 2208276
CLIENT: Shannon & Wilson
Project: 8801 Excavations

QC SUMMARY REPORT
Polychlorinated Biphenyls (PCB) by EPA 8082

Sample ID: 2208276-001AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 8/19/2022		RunNo: 77669			
Client ID: A4-BOT147:8		Batch ID: 37488				Analysis Date: 8/19/2022		SeqNo: 1595580			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	0.896	0.0452	0.9036	0	99.2	55.6	188	0.9088	1.42	30	
Aroclor 1260	0.837	0.0452	0.9036	0	92.6	54.5	178	0.8307	0.731	30	
Surr: Decachlorobiphenyl	213		180.7		118	9.77	154		0		
Surr: Tetrachloro-m-xylene	161		180.7		89.2	24.2	187		0		

Sample ID: 1660-CCV-37488B		SampType: CCV		Units: mg/Kg		Prep Date: 8/19/2022		RunNo: 77669			
Client ID: CCV		Batch ID: 37488				Analysis Date: 8/19/2022		SeqNo: 1595581			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	1.05	0.0500	1.000	0	105	80	120				
Aroclor 1260	1.09	0.0500	1.000	0	109	80	120				
Surr: Decachlorobiphenyl	231		200.0		115	30.2	155				
Surr: Tetrachloro-m-xylene	193		200.0		96.7	58.8	143				

Client Name: SW

Work Order Number: 2208276

Logged by: Clare Griggs

Date Received: 8/18/2022 4:06:00 PM

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Coolers are present? Yes No NA
4. Shipping container/cooler in good condition? Yes No
5. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
6. Was an attempt made to cool the samples? Yes No NA
7. Were all items received at a temperature of >2°C to 6°C * Yes No NA
8. Sample(s) in proper container(s)? Yes No
9. Sufficient sample volume for indicated test(s)? Yes No
10. Are samples properly preserved? Yes No
11. Was preservative added to bottles? Yes No NA
12. Is there headspace in the VOA vials? Yes No NA
13. Did all samples containers arrive in good condition(unbroken)? Yes No
14. Does paperwork match bottle labels? Yes No
15. Are matrices correctly identified on Chain of Custody? Yes No
16. Is it clear what analyses were requested? Yes No
17. Were all holding times able to be met? Yes No

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes No NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

19. Additional remarks:

Item Information

Item #	Temp °C
Sample	4.1

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

DATA SET for Review - Deliverable Requirements

Polychlorinated Biphenyls (PCB) by EPA 8082

Fremont Analytical Work Order No. 2208276

Shannon & Wilson

Project Name: 8801- Excavations

This Data contains the following:

- Analytical Sequence Summary
- Calibration Information

Data Directory: D:\GC-25\Data\220413\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 041305.D 1660	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 03:39 pm
2) 041306.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 03:54 pm
3) 041307.D 1660	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:04 pm
4) 041308.D 1254	PCB_GC25_PEST_190228.M	7	1.000	14 Apr 2022 04:14 pm
5) 041309.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:23 pm
6) 041310.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:33 pm
7) 041311.D co	PCB_GC25_PEST_190228.M	6	1.000	14 Apr 2022 04:43 pm
8) 041312.D PCB 8	PCB_GC25_PEST_190228.M	101	1.000	14 Apr 2022 04:53 pm
9) 041313.D PCB 20	PCB_GC25_PEST_190228.M	102	1.000	14 Apr 2022 05:03 pm
10) 041314.D PCB 50	PCB_GC25_PEST_190228.M	103	1.000	14 Apr 2022 05:13 pm
11) 041315.D PCB 100	PCB_GC25_PEST_190228.M	104	1.000	14 Apr 2022 05:22 pm
12) 041316.D PCB 200	PCB_GC25_PEST_190228.M	105	1.000	14 Apr 2022 05:32 pm
13) 041317.D PCB 500	PCB_GC25_PEST_190228.M	106	1.000	14 Apr 2022 05:42 pm
14) 041318.D PCB 1000	PCB_GC25_PEST_190228.M	107	1.000	14 Apr 2022 05:52 pm
15) 041319.D PCB 2000	PCB_GC25_PEST_190228.M	108	1.000	14 Apr 2022 06:01 pm
16) 041320.D PCB ICB	PCB_GC25_PEST_190228.M	109	1.000	14 Apr 2022 06:11 pm
17) 041321.D PCB ICV	PCB_GC25_PEST_190228.M	110	1.000	14 Apr 2022 06:21 pm
18) 041322.D PCB 1221	PCB_GC25_PEST_190228.M	111	1.000	14 Apr 2022 06:31 pm
19) 041323.D PCB 1232	PCB_GC25_PEST_190228.M	112	1.000	14 Apr 2022 06:41 pm
20) 041324.D PCB 1242	PCB_GC25_PEST_190228.M	113	1.000	14 Apr 2022 06:50 pm
21) 041325.D PCB 1248	PCB_GC25_PEST_190228.M	114	1.000	14 Apr 2022 07:00 pm

22)	041326.D	PCB_GC25_PEST_190228.M					
PCB 1254			115	1.000	14 Apr 2022	07:10 pm	

23)	041327.D	PCB_GC25_PEST_190228.M					
PCB 1262			116	1.000	14 Apr 2022	07:20 pm	

24)	041328.D	PCB_GC25_PEST_190228.M					
PCB 1268			117	1.000	14 Apr 2022	07:30 pm	

25)	042902.D	PCB_GC25_PEST_190228.M					
1660			150	1.000	29 Apr 2022	08:57 am	

Data Directory: D:\GC-25\Data\220819\

SampleName	MiscInfo	Vial	Multiplier	Injection Time
1) 081914.D No data found	PCB_GC25_PEST_190228.M		0.000	N/A
2) 081901.D CO	PCB_GC25_PEST_190228.M	149	1.000	19 Aug 2022 08:58 am
3) 081902.D 1660-CCV-tfm	PCB_GC25_PEST_190228.M	149	1.000	19 Aug 2022 09:08 am
4) 081903.D 1660-CCV-new	PCB_GC25_PEST_190228.M	148	1.000	19 Aug 2022 09:39 am
5) 081904.D SURR TEST	PCB_GC25_PEST_190228.M	147	1.000	19 Aug 2022 10:01 am
6) 081905.D CO	PCB_GC25_PEST_190228.M	150	1.000	19 Aug 2022 10:24 am
7) 081906.D PRIMER	PCB_GC25_PEST_190228.M	1	1.000	19 Aug 2022 10:34 am
8) 081907.D DEG CHECK	PCB_GC25_PEST_190228.M	2	1.000	19 Aug 2022 10:44 am
9) 081908.D PEST CCV	PCB_GC25_PEST_190228.M	3	1.000	19 Aug 2022 10:53 am
10) 081909.D TOX CCV	PCB_GC25_PEST_190228.M	4	1.000	19 Aug 2022 11:03 am
11) 081910.D 2208172-003A	PCB_GC25_PEST_190228.M	19	1.000	19 Aug 2022 11:13 am
12) 081911.D PEST-CCV	PCB_GC25_PEST_190228.M	3	1.000	19 Aug 2022 11:23 am
13) 081912.D TOX CCV	PCB_GC25_PEST_190228.M	4	1.000	19 Aug 2022 11:32 am
14) 081913.D CO	PCB_GC25_PEST_190228.M	149	1.000	19 Aug 2022 12:15 pm
15) 081915.D CO	PCB_GC25_PEST_190228.M	148	1.000	19 Aug 2022 12:29 pm
16) 081916.D 1254 5	PCB_GC25_PEST_190228.M	131	1.000	19 Aug 2022 12:45 pm
17) 081917.D 1254 20	PCB_GC25_PEST_190228.M	132	1.000	19 Aug 2022 12:54 pm
18) 081918.D 1254 50	PCB_GC25_PEST_190228.M	133	1.000	19 Aug 2022 01:04 pm
19) 081919.D 1254 100	PCB_GC25_PEST_190228.M	134	1.000	19 Aug 2022 01:14 pm
20) 081920.D 1254 200	PCB_GC25_PEST_190228.M	135	1.000	19 Aug 2022 01:24 pm
21) 081921.D 1254 500	PCB_GC25_PEST_190228.M	136	1.000	19 Aug 2022 01:34 pm

22)	081922.D	PCB_GC25_PEST_190228.M	137	1.000	19 Aug 2022	01:43 pm
1254	1000					
23)	081923.D	PCB_GC25_PEST_190228.M	138	1.000	19 Aug 2022	01:53 pm
1254	2000					
24)	081924.D	PCB_GC25_PEST_190228.M	139	1.000	19 Aug 2022	02:03 pm
1254	ICB					
25)	081925.D	PCB_GC25_PEST_190228.M	140	1.000	19 Aug 2022	02:13 pm
1254	ICV					
26)	081926.D	PCB_GC25_PEST_190228.M	137	1.000	19 Aug 2022	02:23 pm
1254-CCV-						
27)	081927.D	PCB_GC25_PEST_190228.M	141	1.000	19 Aug 2022	02:32 pm
2208165-001A						
28)	081928.D	PCB_GC25_PEST_190228.M	137	1.000	19 Aug 2022	02:42 pm
1254-CCV-						
29)	081929.D	PCB_GC25_PEST_190228.M	51	1.000	19 Aug 2022	02:52 pm
MB-37488						
30)	081930.D	PCB_GC25_PEST_190228.M	52	1.000	19 Aug 2022	03:02 pm
LCS-37488						
31)	081931.D	PCB_GC25_PEST_190228.M	53	1.000	19 Aug 2022	03:12 pm
2208276-001A						
32)	081932.D	PCB_GC25_PEST_190228.M	56	1.000	19 Aug 2022	03:21 pm
2208276-002A						
33)	081933.D	PCB_GC25_PEST_190228.M	57	1.000	19 Aug 2022	03:31 pm
2208276-003A						
34)	081934.D	PCB_GC25_PEST_190228.M	58	1.000	19 Aug 2022	03:41 pm
2208276-004A						
35)	081935.D	PCB_GC25_PEST_190228.M	59	1.000	19 Aug 2022	03:50 pm
2208276-005A						
36)	081936.D	PCB_GC25_PEST_190228.M	54	1.000	19 Aug 2022	04:00 pm
2208276-001AMS						
37)	081937.D	PCB_GC25_PEST_190228.M	55	1.000	19 Aug 2022	04:10 pm
2208276-001AMSD						
38)	081938.D	PCB_GC25_PEST_190228.M	149	1.000	19 Aug 2022	04:21 pm
1660-CCV-						



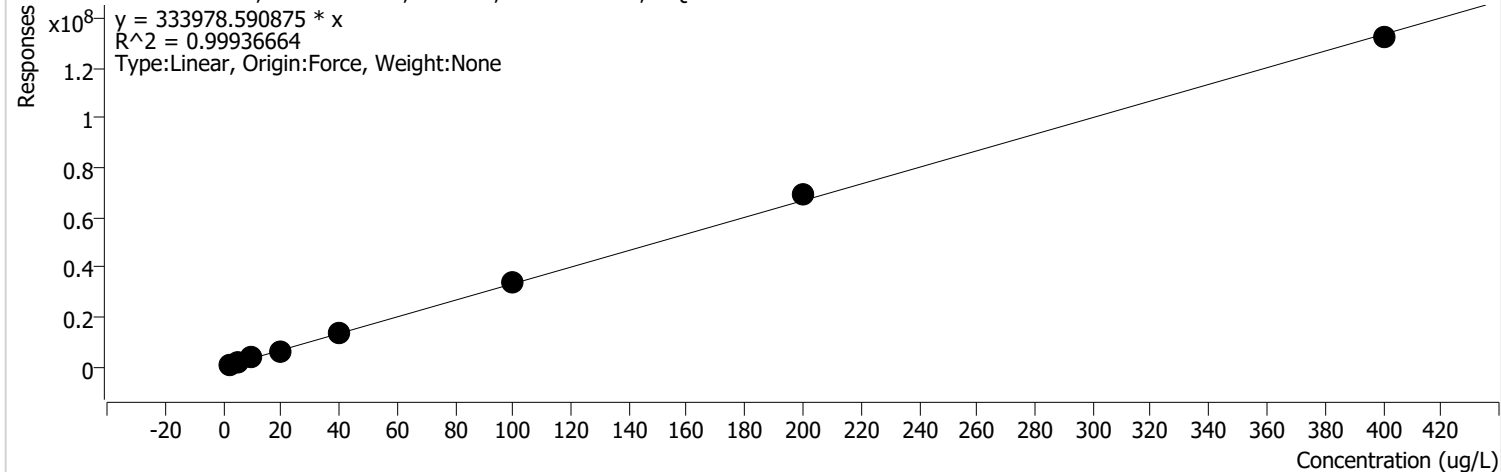
Calibration

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:33 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX 2 %RSE =

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



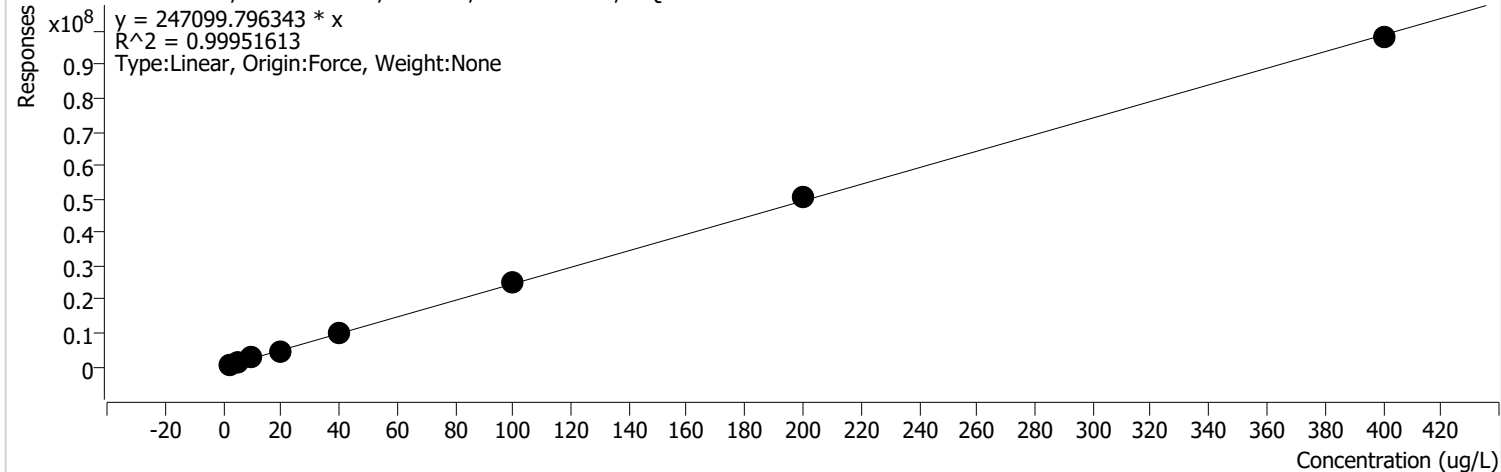
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	1002645	2.5000	401057.8 477	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	1479594	5.0000	295918.7 555	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	4013955	10.0000	401395.5 101	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	5800560	20.0000	290027.9 938	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	13242000	40.0000	331050.0 118	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	34407320	100.0000	344073.2 038	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	69115366	200.0000	345576.8 289	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	132219389	400.0000	330548.4 713	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 1 TCMX %RSE =

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



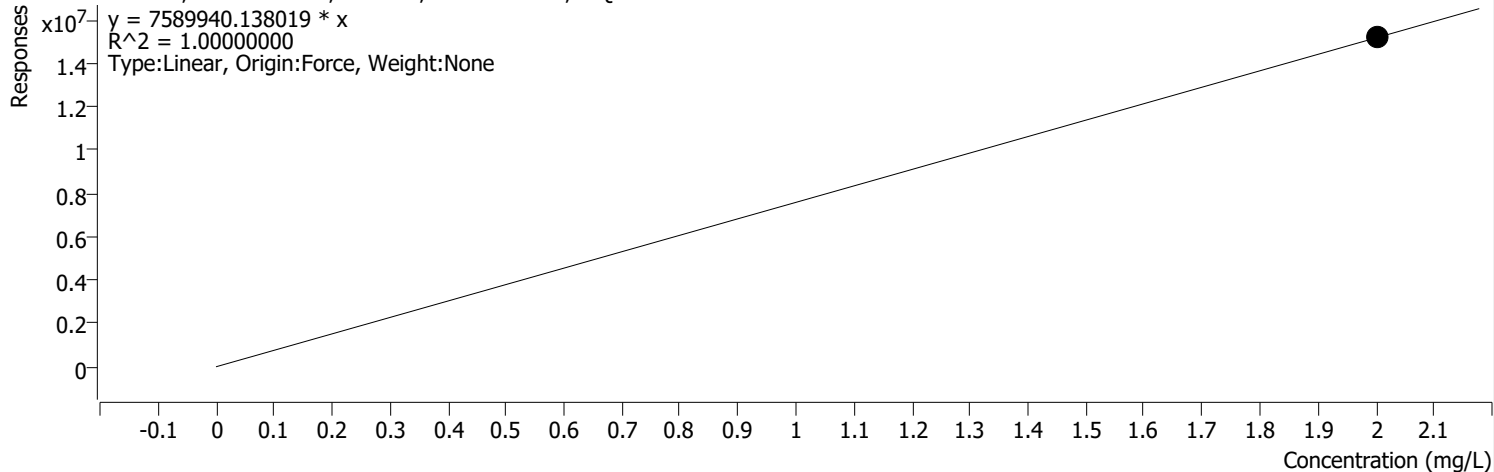
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	732682	2.5000	293072.6 236	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	1097830	5.0000	219566.0 924	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	2963908	10.0000	296390.7 661	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	4267578	20.0000	213378.9 026	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	9689080	40.0000	242226.9 948	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	25213582	100.0000	252135.8 231	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	50933338	200.0000	254666.6 921	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	97999220	400.0000	244998.0 505	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 %RSE =

A1254 1 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



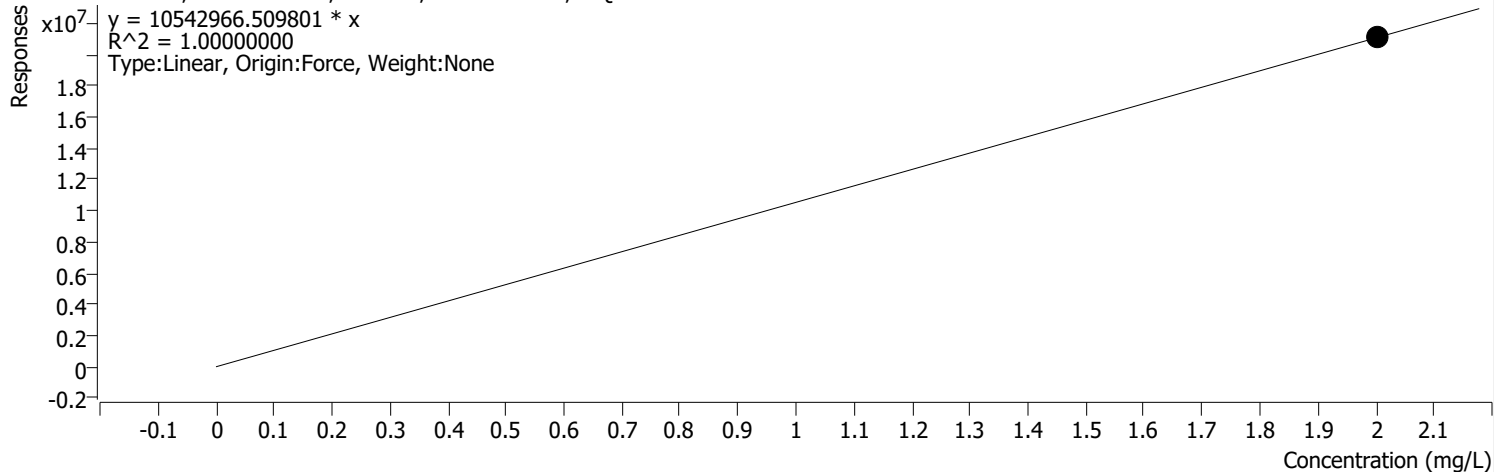
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	15179880	2.0000	7589940.1380	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 %RSE =

A1254 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



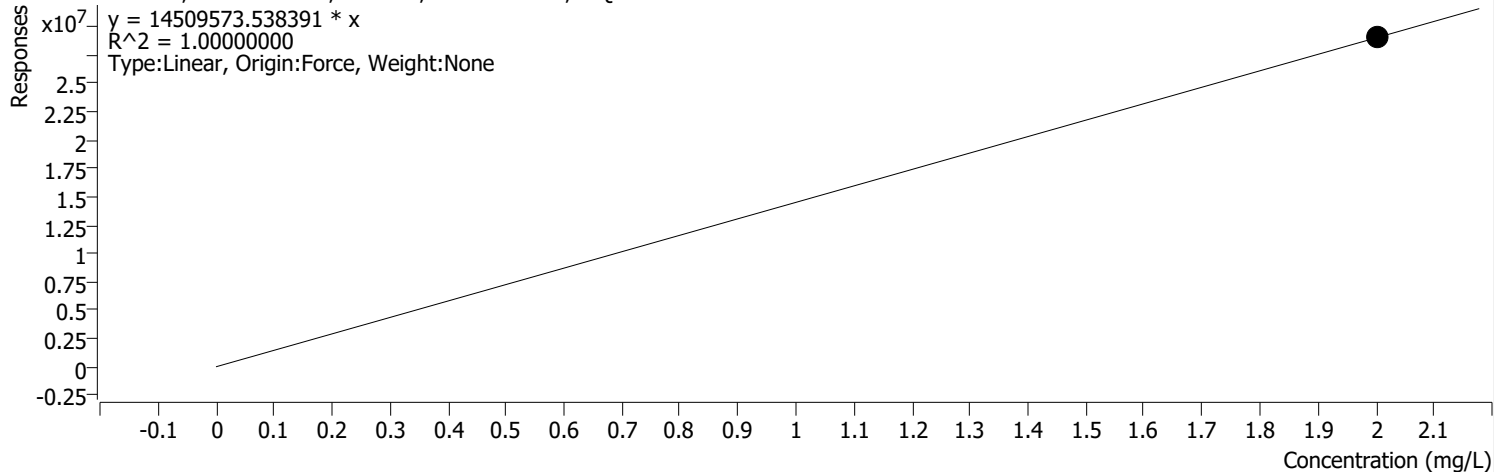
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	21085933	2.0000	10542966 .5098	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 %RSE =

A1254 3 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs

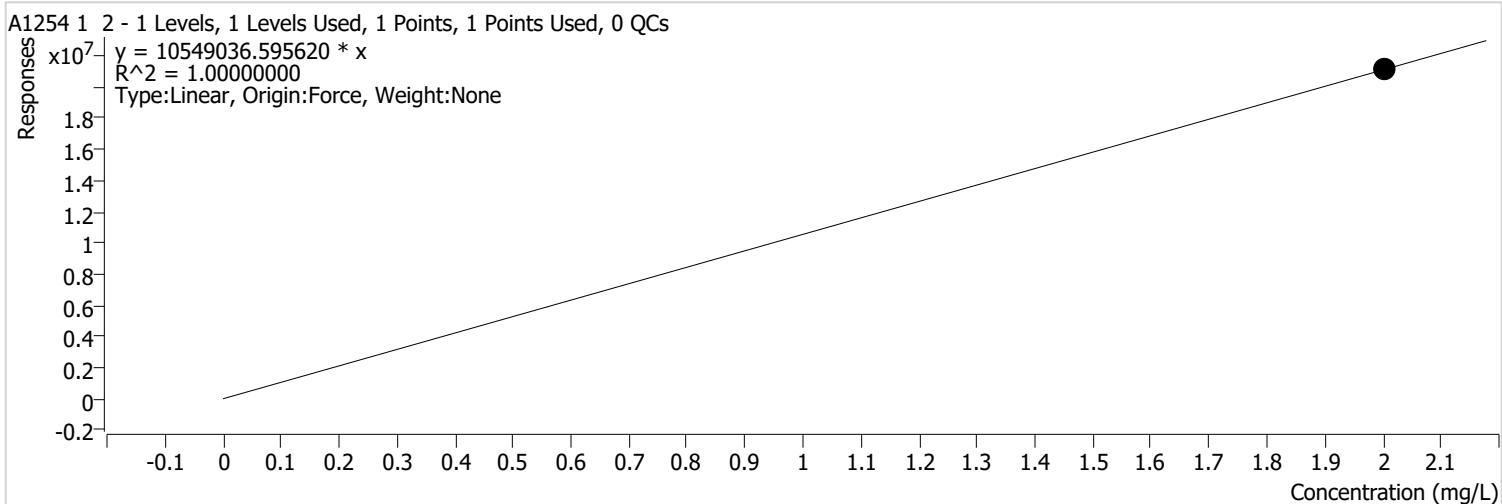


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	29019147	2.0000	14509573.5384	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 1 2 %RSE =



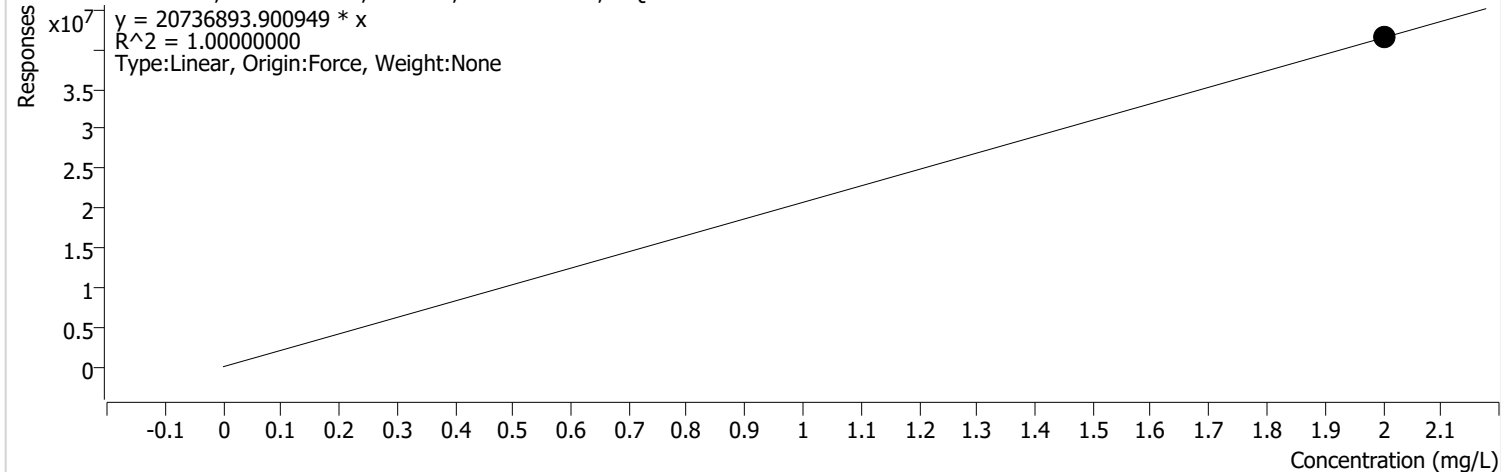
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	21098073	2.0000	10549036.5956	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 2 2 %RSE =

A1254 2 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



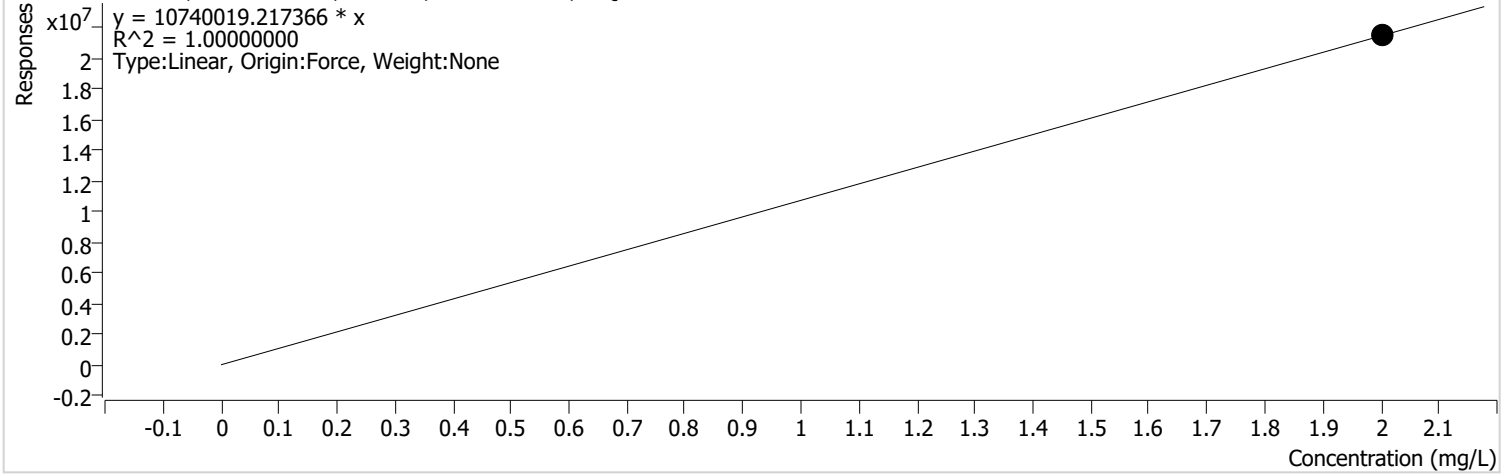
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	41473788	2.0000	20736893 .9009	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin		
Analysis Time	4/29/2022 3:22 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 4 %RSE =

A1254 4 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs

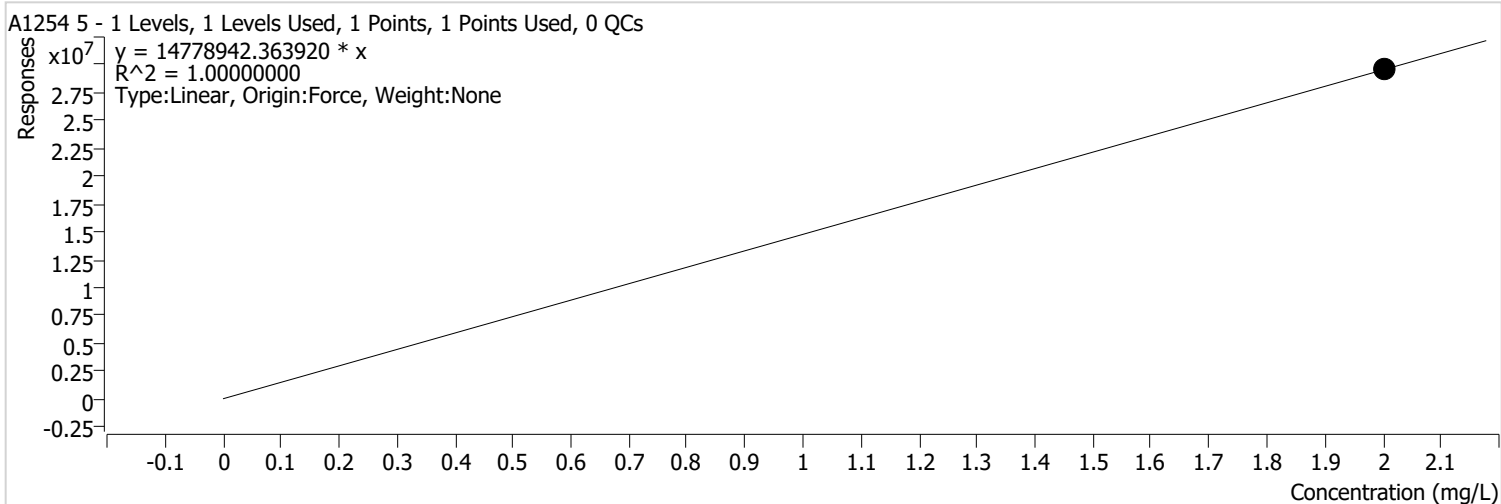


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	21480038	2.0000	10740019.2174	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 %RSE =



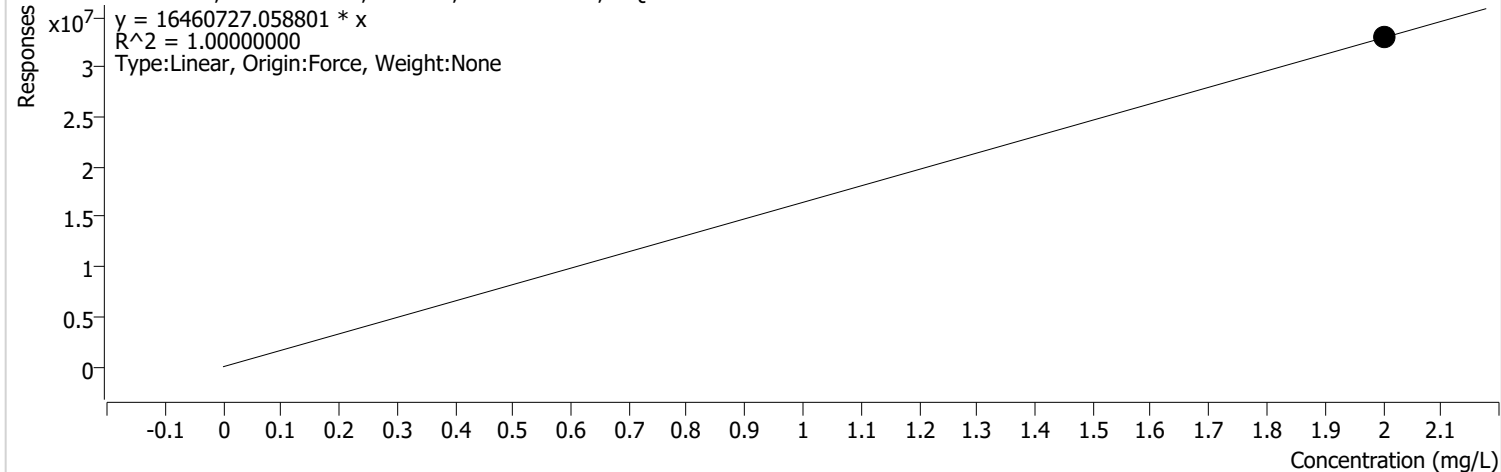
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	29557885	2.0000	14778942.3639	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 3 2 %RSE =

A1254 3 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



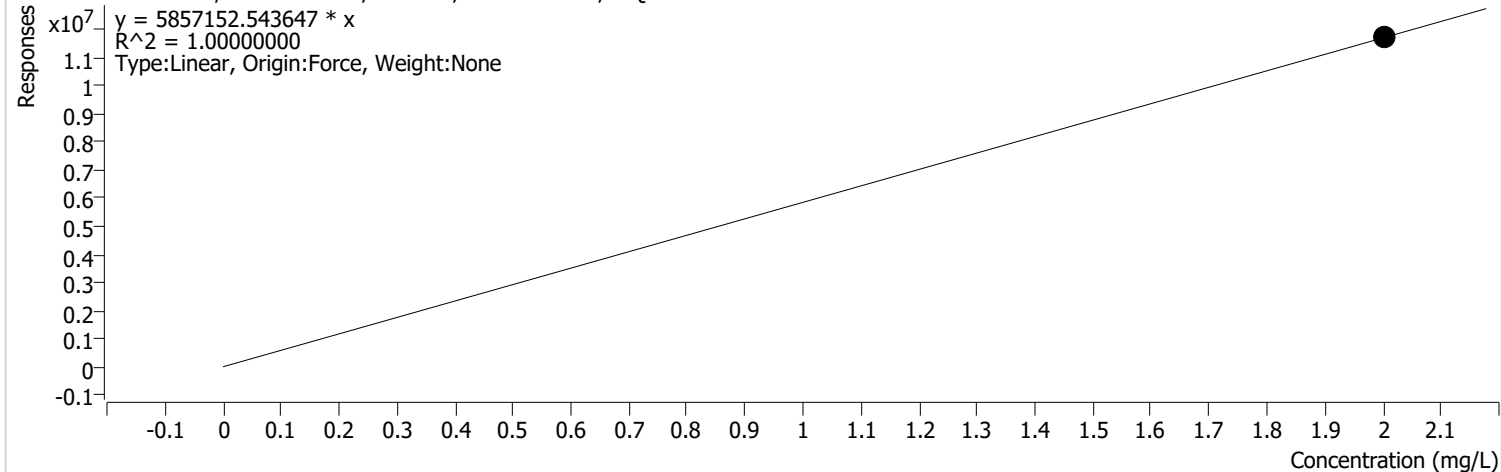
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	32921454	2.0000	16460727.0588	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin		
Analysis Time	4/29/2022 3:22 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:22 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1254 4 2 %RSE =

A1254 4 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



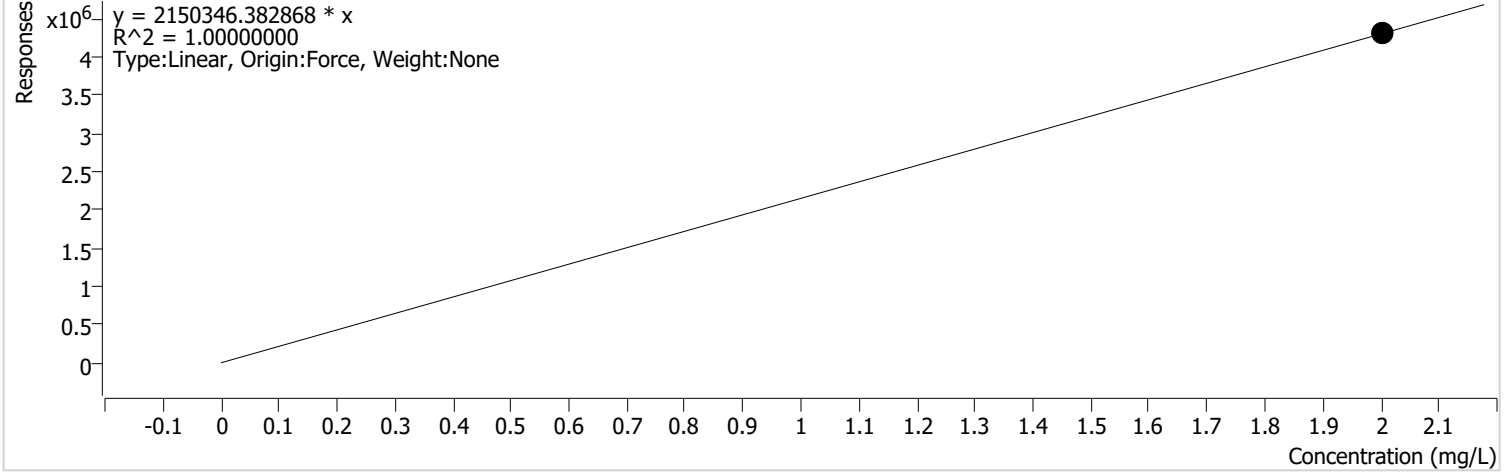
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	11714305	2.0000	5857152.5436	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1254 5 2 %RSE =

A1254 5 2 - 1 Levels, 1 Levels Used, 1 Points, 1 Points Used, 0 QCs



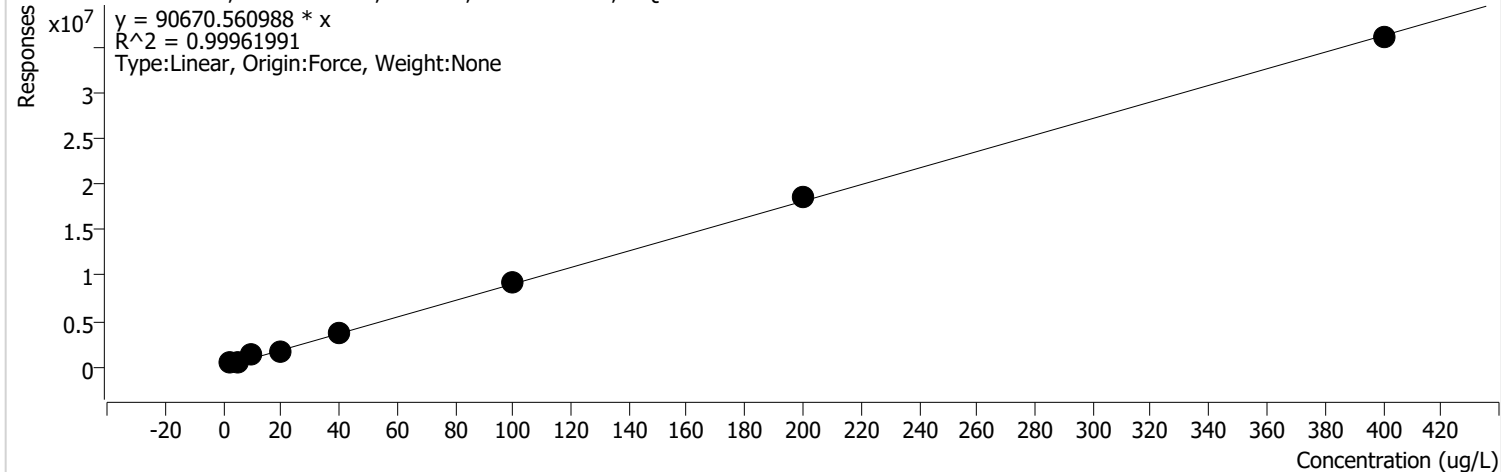
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041326.D	Calibration	9	x	4300693	2.0000	2150346.3829	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP %RSE =

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



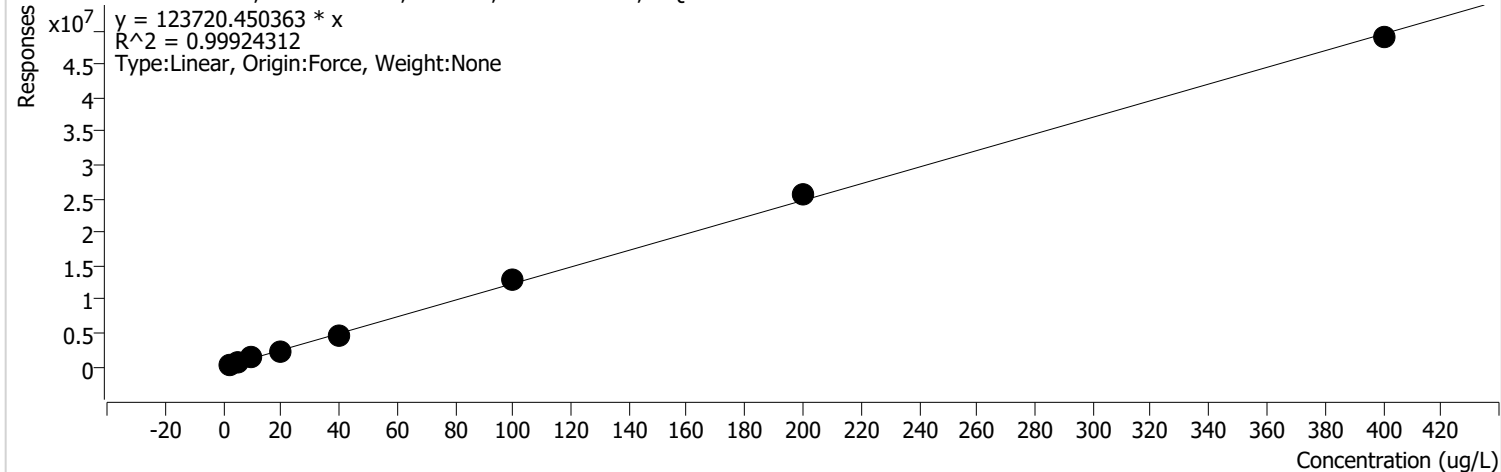
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	372999	2.5000	149199.5566	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	532640	5.0000	106527.9789	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1275338	10.0000	127533.8283	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1697421	20.0000	84871.0429	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3645921	40.0000	91148.0140	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9312484	100.0000	93124.8382	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18485909	200.0000	92429.5454	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	36023737	400.0000	90059.3433	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1254 CAL.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:22 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:24:34 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:22 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

Surr 2 DCBP 2 %RSE =

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



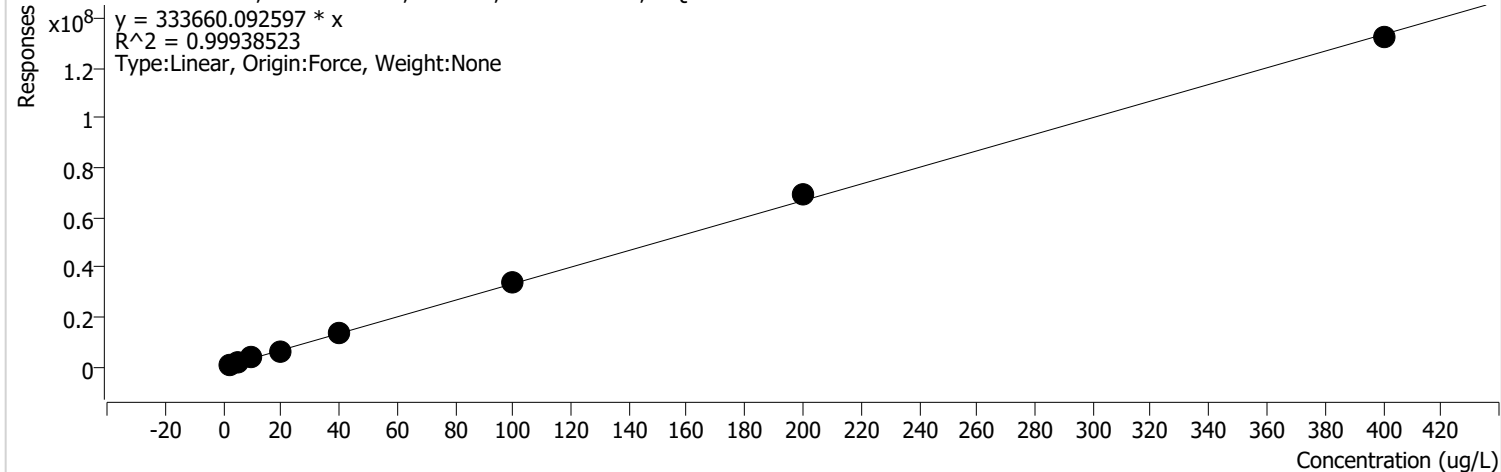
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	460776	2.5000	184310.5735	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	694737	5.0000	138947.4373	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1511942	10.0000	151194.1657	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	2393050	20.0000	119652.4878	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	4790557	40.0000	119763.9356	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	12993931	100.0000	129939.3116	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	25590904	200.0000	127954.5211	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	48920429	400.0000	122301.0718	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:49 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX 2 %RSE = 12.5

Surr 1 TCMX 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



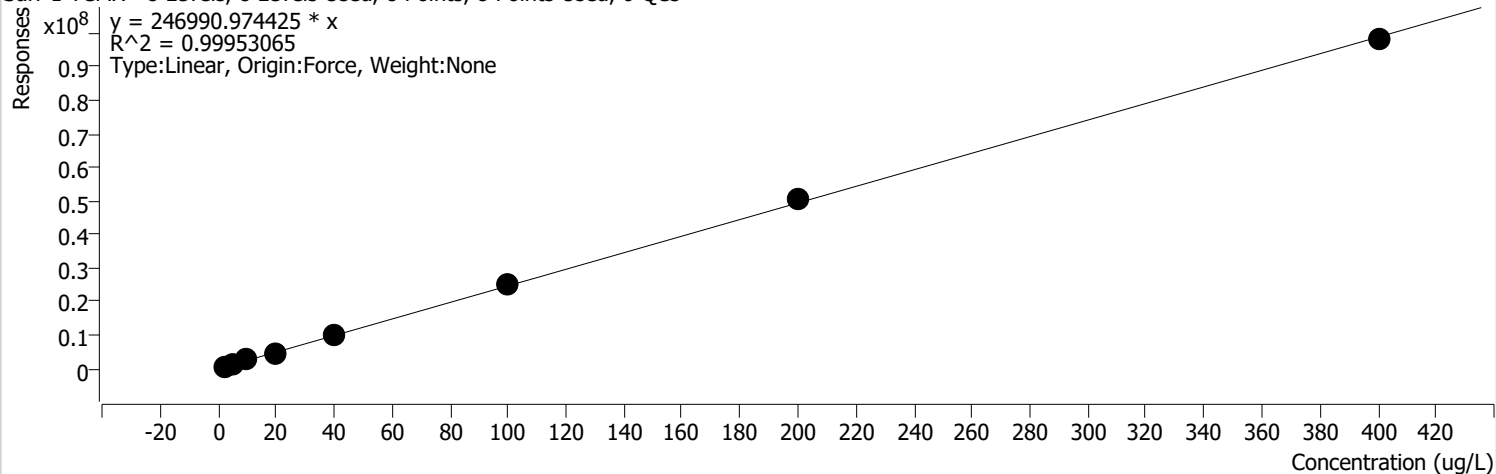
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	942622	2.5000	377048.6 158	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	1423745	5.0000	284749.0 467	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	3945533	10.0000	394553.3 322	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	5739991	20.0000	286999.5 489	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	13192532	40.0000	329813.3 099	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	34332107	100.0000	343321.0 719	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	69021640	200.0000	345108.1 988	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	132126905	400.0000	330317.2 632	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 1 TCMX %RSE = 13.0

Surr 1 TCMX - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



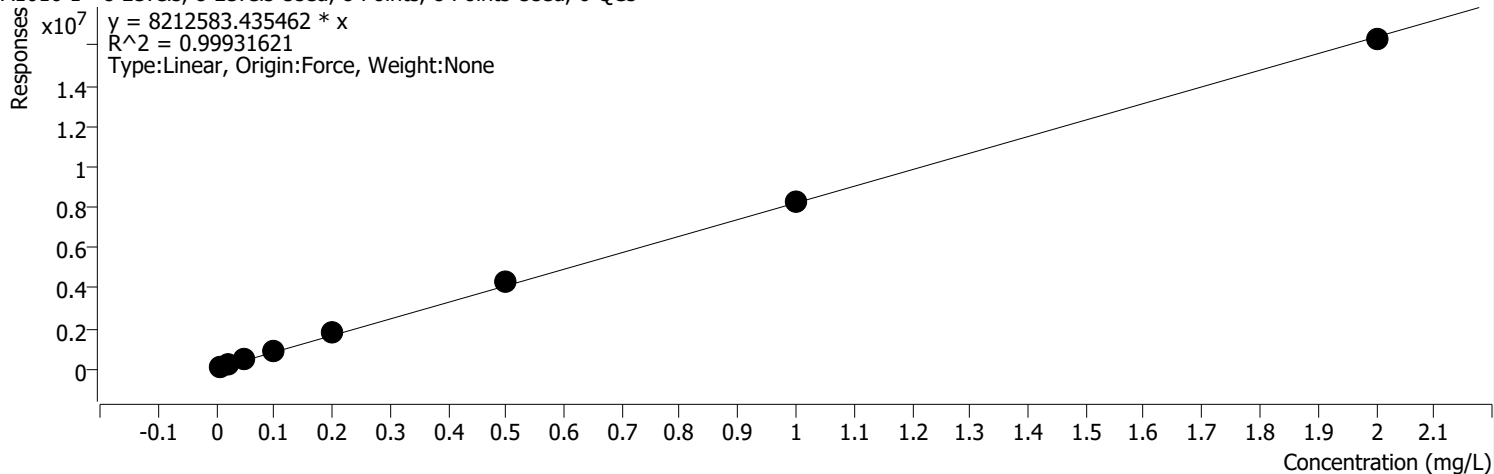
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	718542	2.5000	287416.8 121	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	1076230	5.0000	215246.0 110	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	2940074	10.0000	294007.3 579	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	4252024	20.0000	212601.2 104	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	9672795	40.0000	241819.8 869	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	25186698	100.0000	251866.9 802	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	50885755	200.0000	254428.7 745	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	97975382	400.0000	244938.4 551	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 1 %RSE = 36.0

A1016 1 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



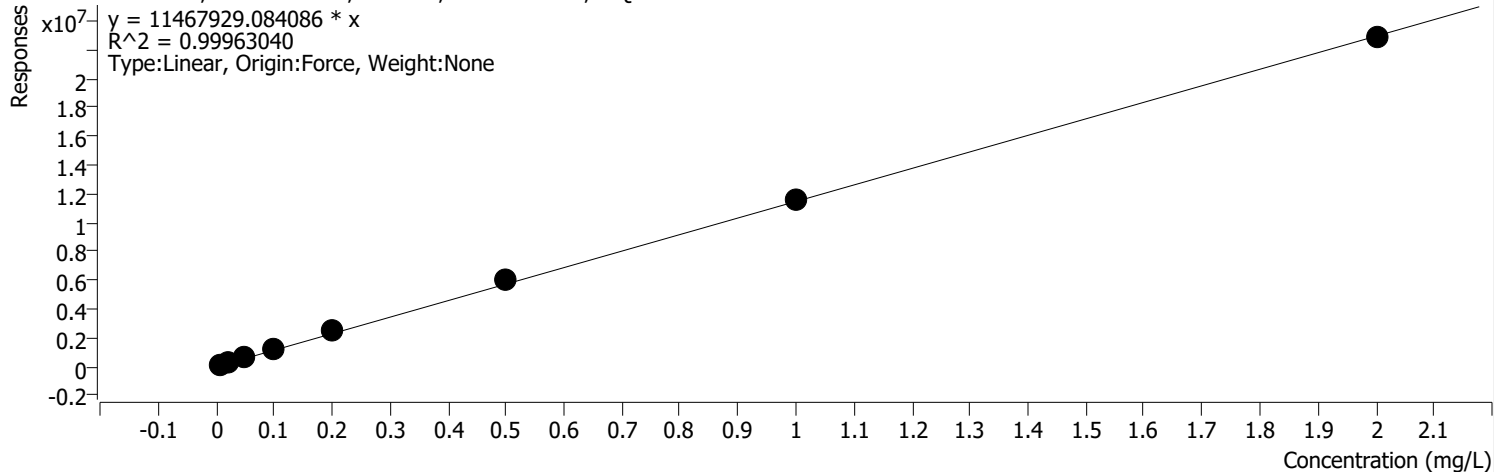
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	112110	0.0080	14013781.4463	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	228360	0.0200	11417984.2500	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	538830	0.0500	10776608.8616	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	906243	0.1000	9062427.8271	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1844640	0.2000	9223200.3259	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4334139	0.5000	8668278.7875	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	8321135	1.0000	8321135.1656	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	16285436	2.0000	8142717.8884	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 1 2 %RSE = 30.9

A1016 1 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

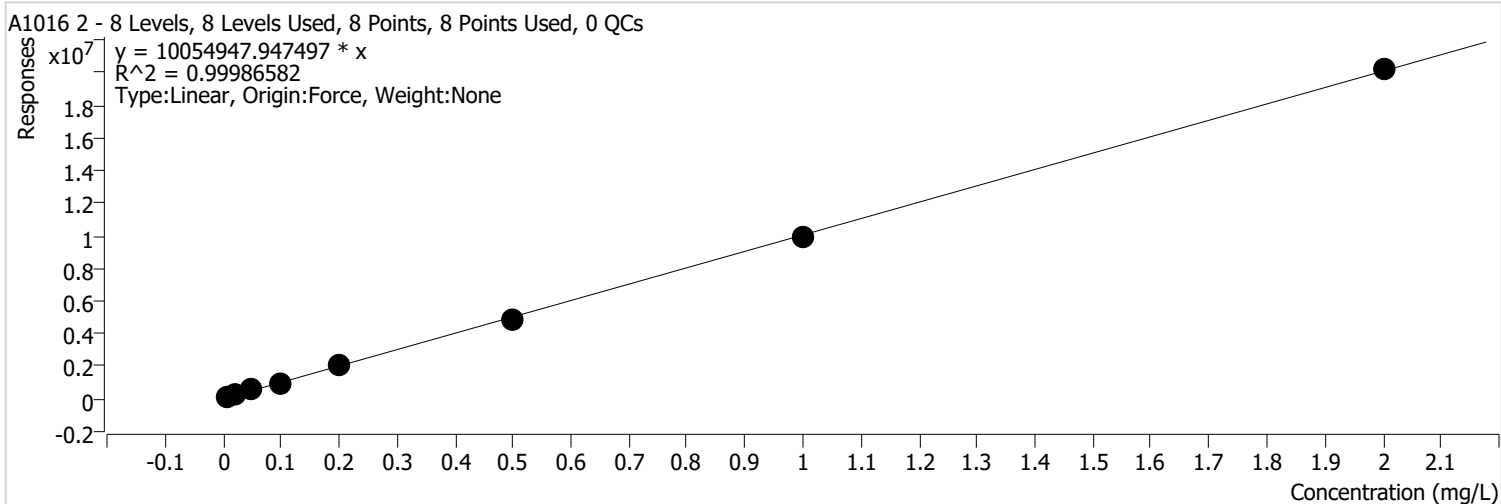


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	146540	0.0080	18317454 .5181	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	314450	0.0200	15722476 .0021	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	719764	0.0500	14395289 .9343	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1196078	0.1000	11960778 .5932	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2528109	0.2000	12640543 .7802	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	5972564	0.5000	11945127 .8491	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	11524790	1.0000	11524790 .3526	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	22817132	2.0000	11408565 .9258	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 2 %RSE = 20.2

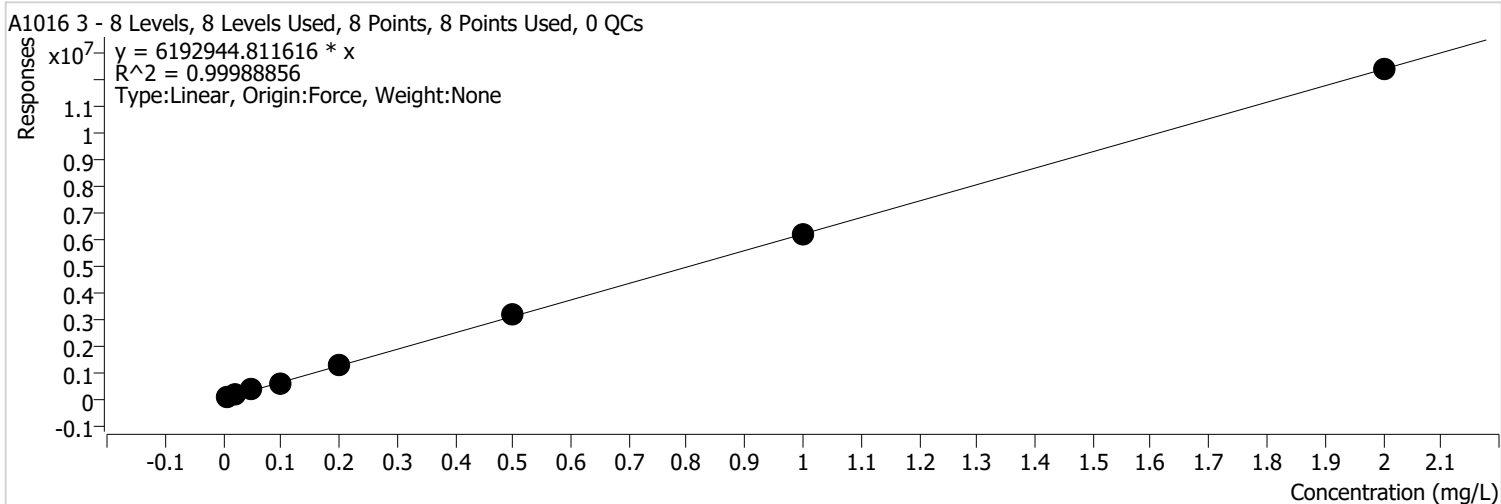


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	115750	0.0080	14468799 .7495	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	241308	0.0200	12065398 .1667	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	550702	0.0500	11014033 .0739	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	968767	0.1000	9687667. 1893	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2017646	0.2000	10088230 .0389	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4856074	0.5000	9712148. 7656	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	9986204	1.0000	9986203. 8914	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	20186546	2.0000	10093273 .1965	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 3 %RSE = 26.1



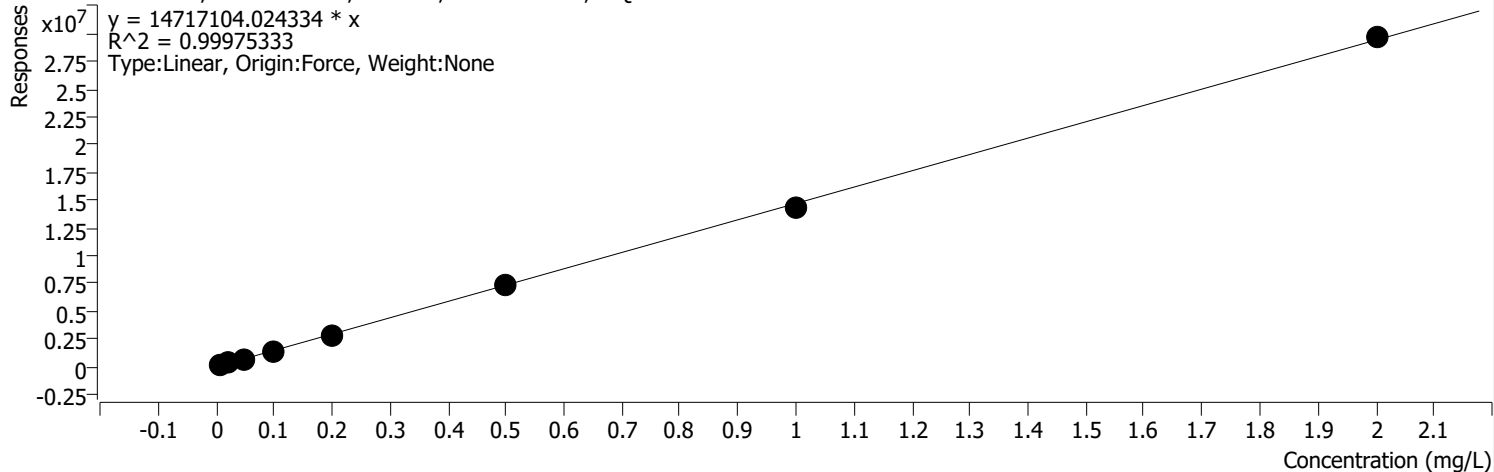
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	76620	0.0080	9577533.6478	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	157463	0.0200	7873160.7586	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	365761	0.0500	7315224.5937	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	617894	0.1000	6178942.0886	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1315605	0.2000	6578022.5000	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	3151570	0.5000	6303140.0194	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	6191061	1.0000	6191061.1351	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	12363578	2.0000	6181789.1603	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin	Analyst Name	FA\GC1625
Analysis Time	4/29/2022 3:09 PM	Reporter Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Batch State	Processed
Last Calib Update	4/29/2022 3:08 PM	Quant Report Version	10.0
Quant Batch Version	10.0		

A1016 2 2 %RSE = 14.9

A1016 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



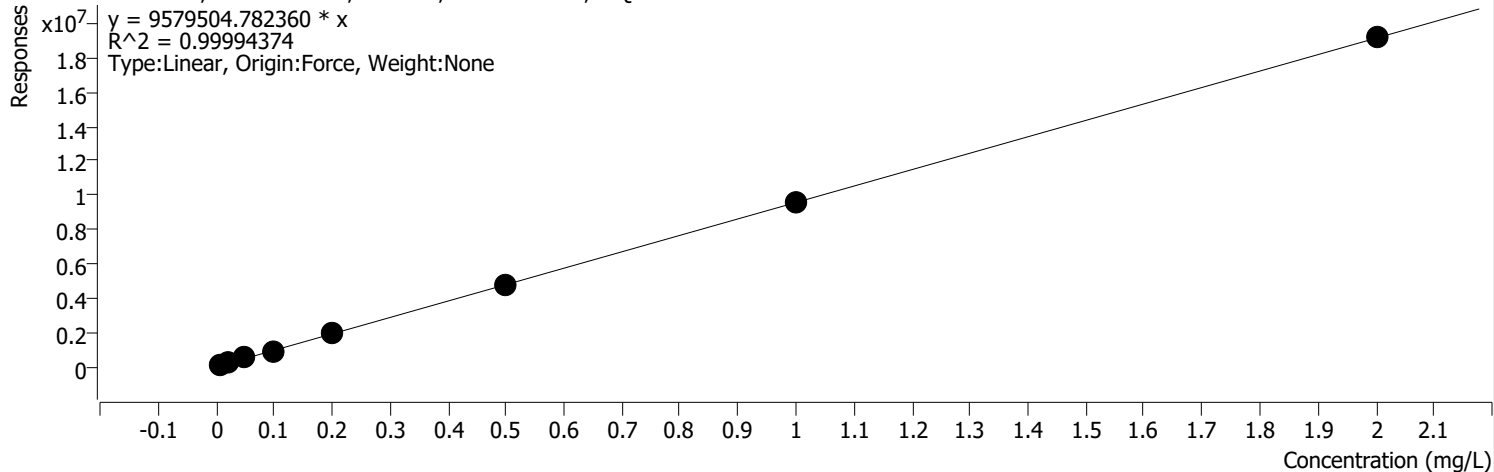
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	152811	0.0080	19101358 .1935	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	346952	0.0200	17347579 .9146	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	750232	0.0500	15004632 .4980	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1328864	0.1000	13288637 .4507	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2812118	0.2000	14060588 .2771	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	7248768	0.5000	14497536 .3852	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	14414980	1.0000	14414980 .3373	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	29631963	2.0000	14815981 .3465	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 3 2 %RSE = 24.9

A1016 3 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



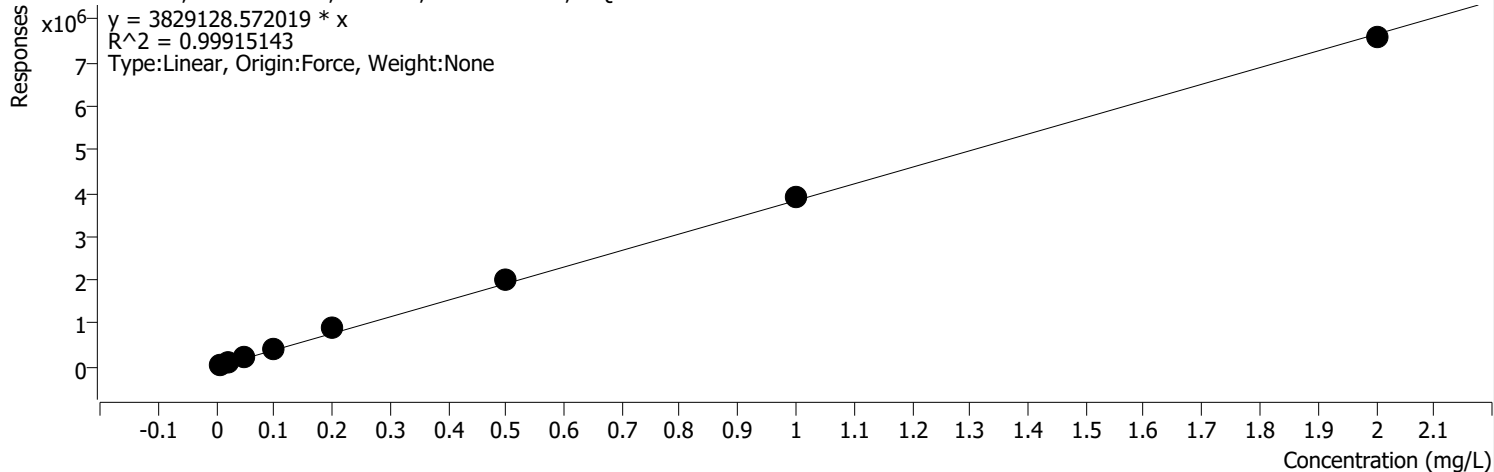
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	115625	0.0080	14453121.8336	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	247909	0.0200	12395460.0421	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	556230	0.0500	11124596.0286	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	937451	0.1000	9374505.8026	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1978288	0.2000	9891439.0024	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4785802	0.5000	9571603.6591	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	9531546	1.0000	9531546.0606	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	19176112	2.0000	9588056.1828	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 4 %RSE = 25.3

A1016 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



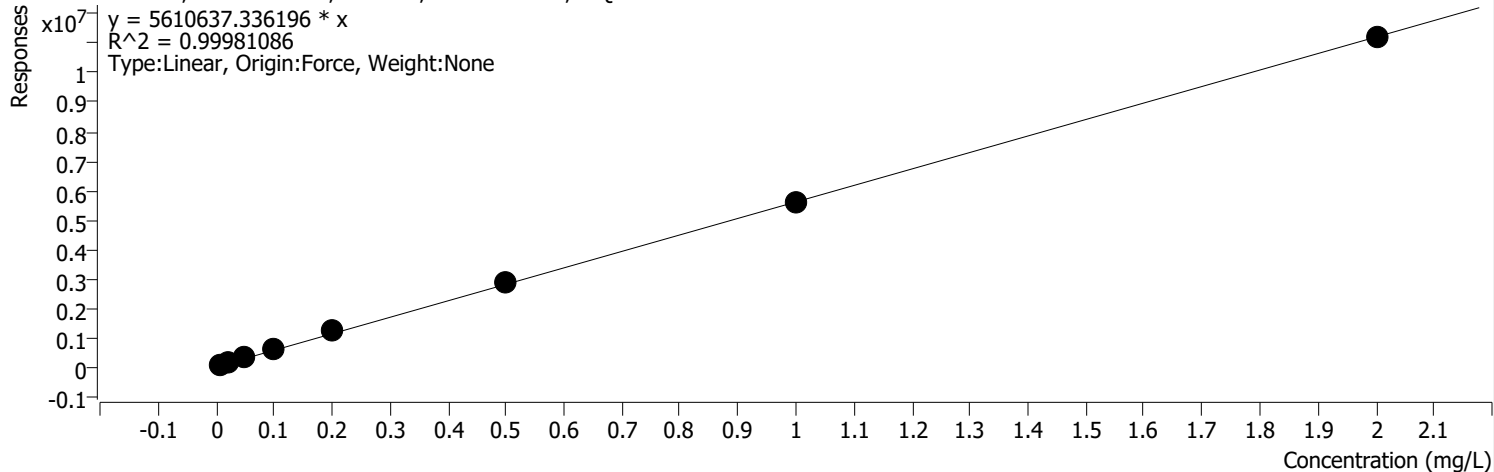
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	42792	0.0080	5348954.0729	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	103817	0.0200	5190832.0083	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	241114	0.0500	4822287.9931	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	418325	0.1000	4183254.2306	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	870501	0.2000	4352503.0115	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	2028811	0.5000	4057622.6633	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	3908042	1.0000	3908042.4384	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	7576438	2.0000	3788218.9540	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 5 %RSE = 30.9

A1016 5 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



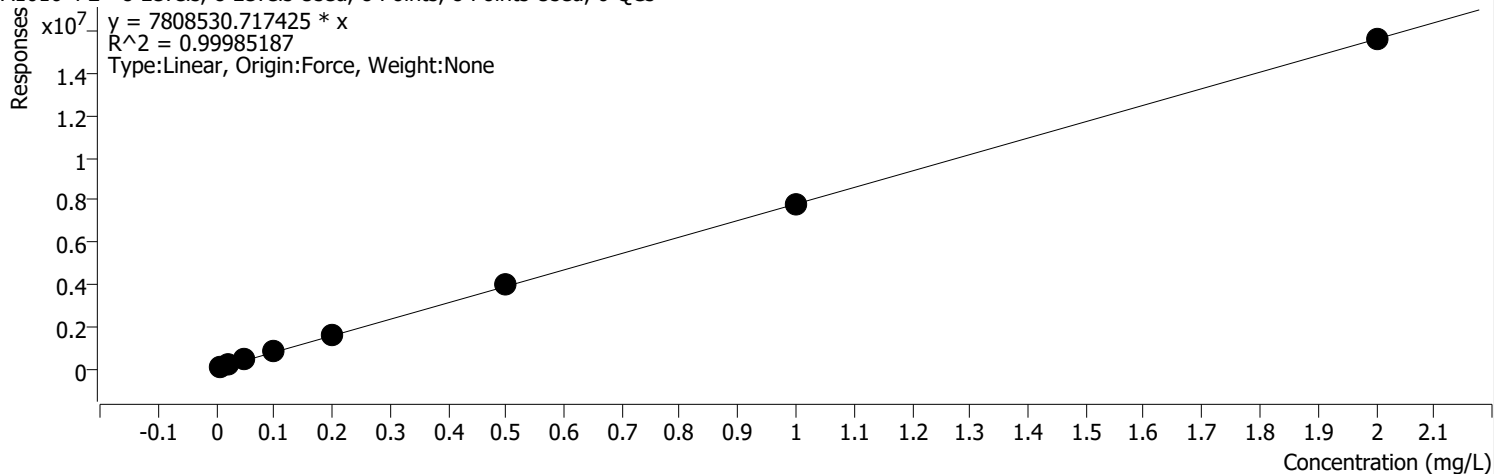
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	71922	0.0080	8990262.0968	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	157227	0.0200	7861350.2778	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	336583	0.0500	6731663.9624	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	595368	0.1000	5953678.0652	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1201502	0.2000	6007509.0314	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	2881876	0.5000	5763751.3420	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	5607086	1.0000	5607085.7381	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	11192299	2.0000	5596149.5047	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 4 2 %RSE = 28.5

A1016 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



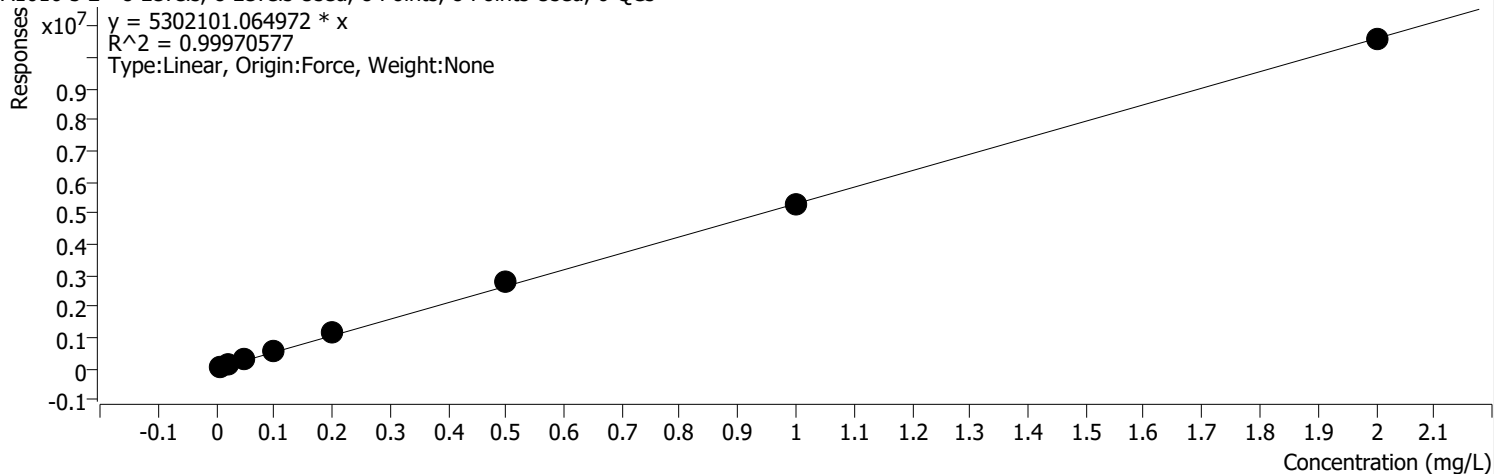
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	97458	0.0080	12182207.4799	
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D:\GC-25\Data\220413\041314.D	Calibration	3	x	464327	0.0500	9286546.2687	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	805200	0.1000	8052004.0720	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1650348	0.2000	8251740.9091	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	4009055	0.5000	8018109.5864	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	7793888	1.0000	7793888.4230	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	15585549	2.0000	7792774.5129	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:50 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1016 5 2 %RSE = 29.5

A1016 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



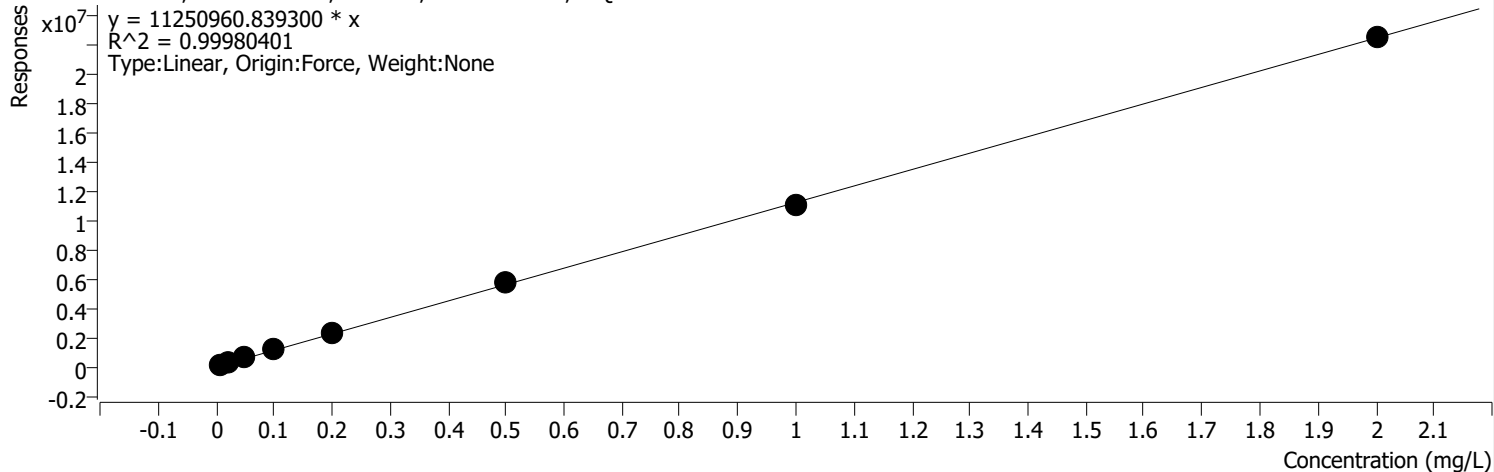
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	147664	0.0200	7383184.6024	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	320733	0.0500	6414652.2730	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	558541	0.1000	5585413.6030	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	1154657	0.2000	5773283.0442	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	2756690	0.5000	5513380.5134	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	5304163	1.0000	5304163.3206	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	10564019	2.0000	5282009.6621	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 1 %RSE = 34.1

A1260 1 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



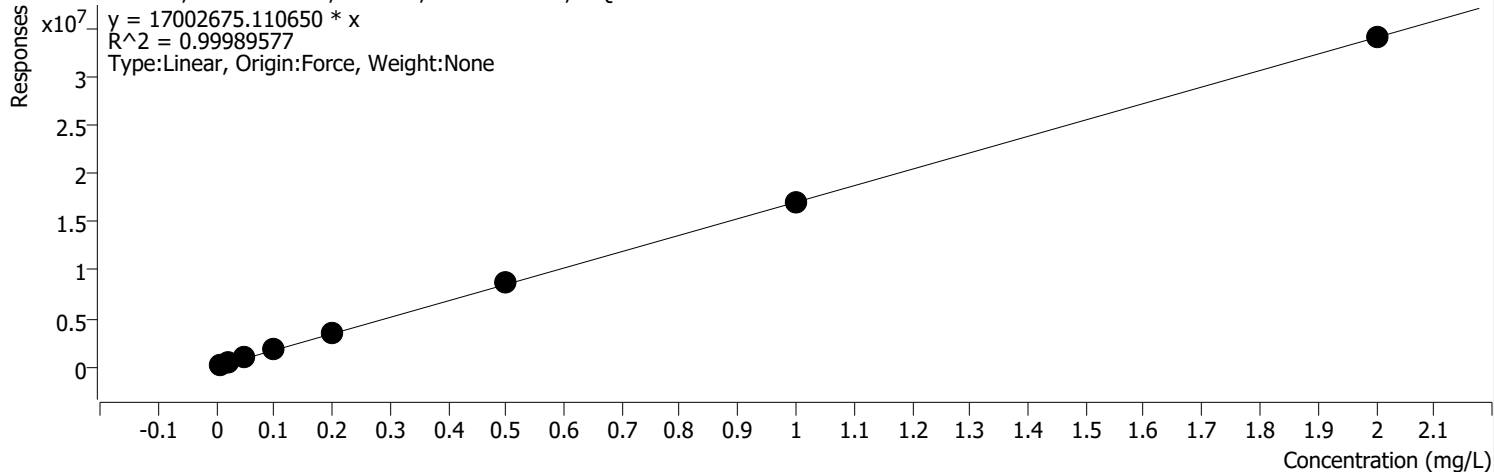
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	149994	0.0080	18749271 .7096	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	323996	0.0200	16199820 .7401	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	698311	0.0500	13966225 .3478	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1152714	0.1000	11527142 .0306	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2357356	0.2000	11786779 .7966	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	5775073	0.5000	11550146 .7760	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	11119189	1.0000	11119188 .9754	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	22513688	2.0000	11256844 .1424	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 2 %RSE = 36.7

A1260 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



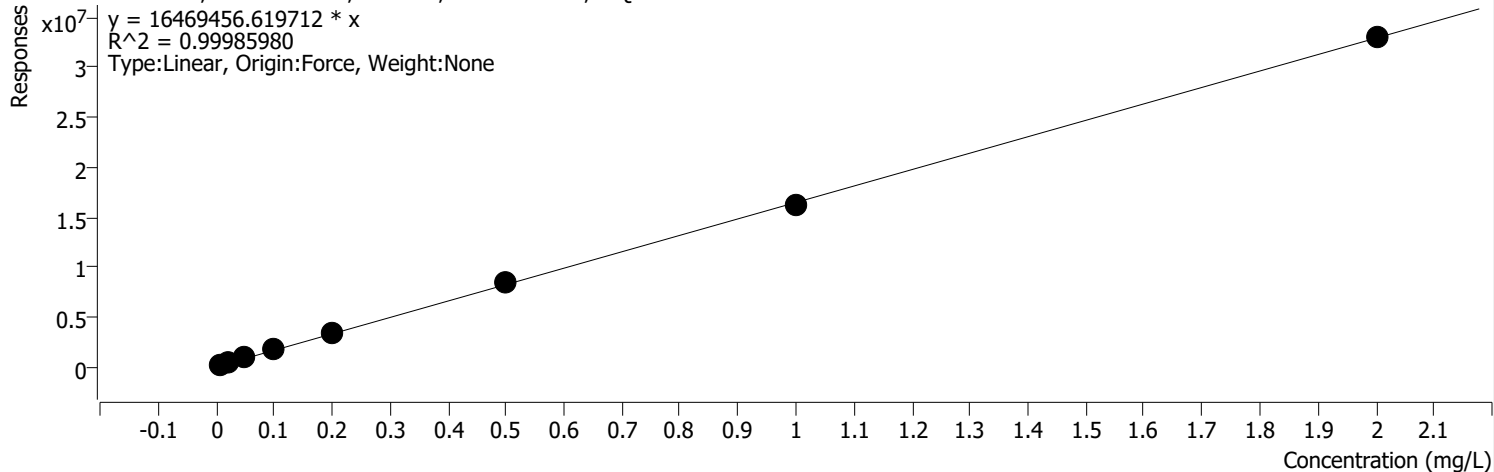
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	236310	0.0080	29538713 .6033	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	500993	0.0200	25049647 .1664	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1019787	0.0500	20395748 .7251	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1716673	0.1000	17166732 .2411	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3546553	0.2000	17732763 .7247	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8615685	0.5000	17231370 .0147	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16960071	1.0000	16960071 .0329	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	33976391	2.0000	16988195 .7248	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 1 2 %RSE = 35.2

A1260 1 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



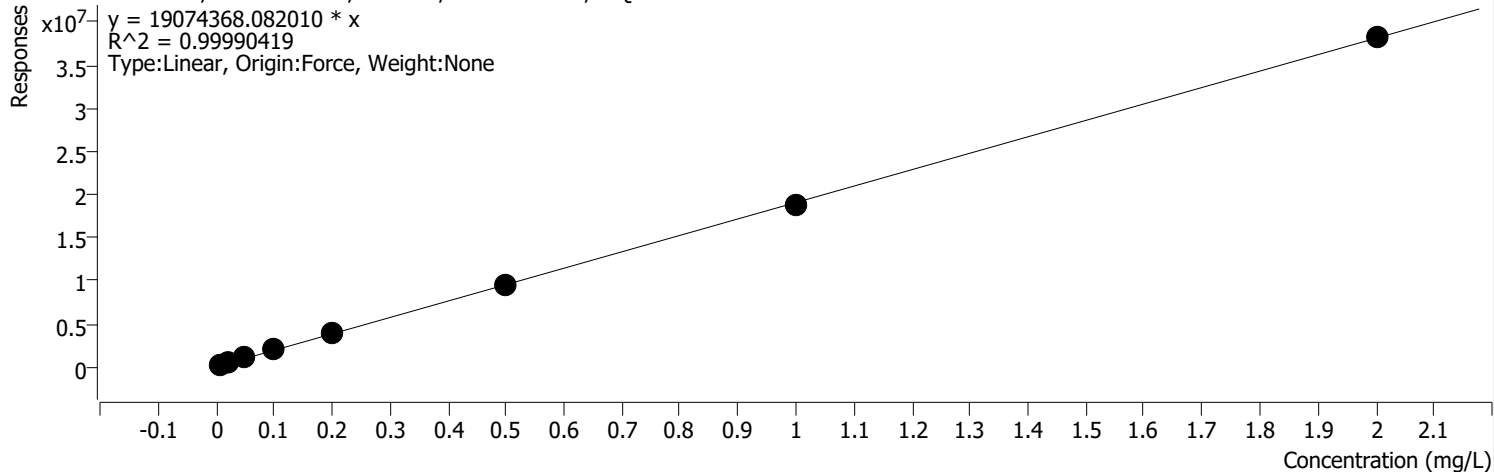
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	225835	0.0080	28229345 .7293	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	473063	0.0200	23653151 .5703	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	993964	0.0500	19879275 .1977	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1679623	0.1000	16796228 .8208	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3424692	0.2000	17123457 .6110	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8390744	0.5000	16781488 .4819	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16304297	1.0000	16304297 .3776	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	32961700	2.0000	16480849 .8341	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 2 2 %RSE = 33.4

A1260 2 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



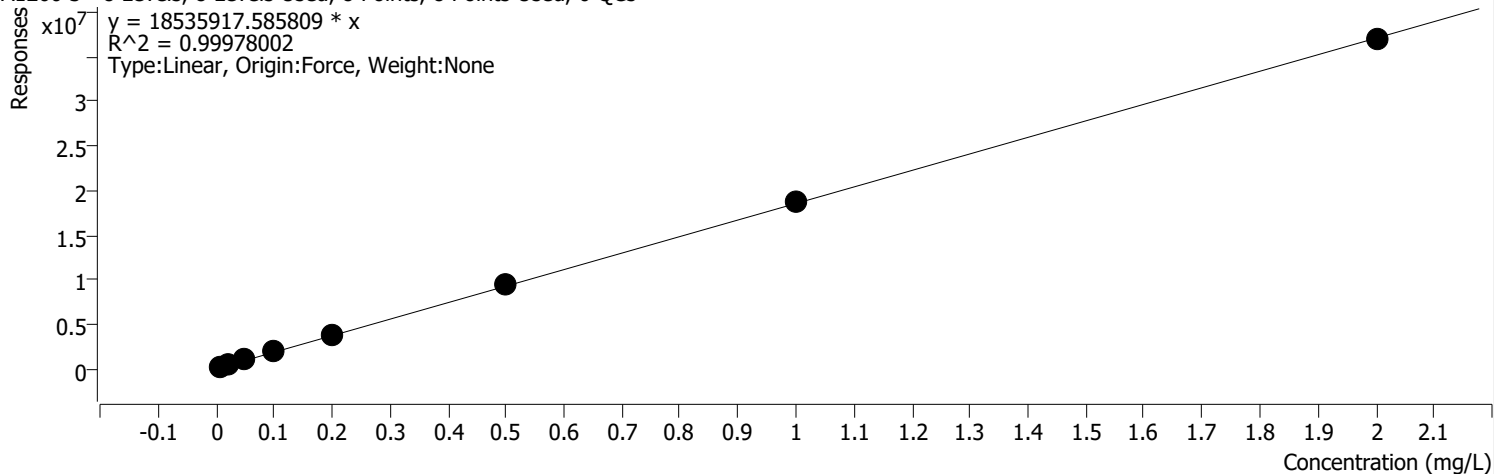
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	255701	0.0080	31962663 .8525	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	542396	0.0200	27119805 .6056	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1126306	0.0500	22526123 .9350	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1917763	0.1000	19177631 .9924	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3929096	0.2000	19645481 .8953	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9639218	0.5000	19278436 .7448	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18909963	1.0000	18909962 .6849	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	38187155	2.0000	19093577 .7381	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 3 %RSE = 38.4

A1260 3 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs

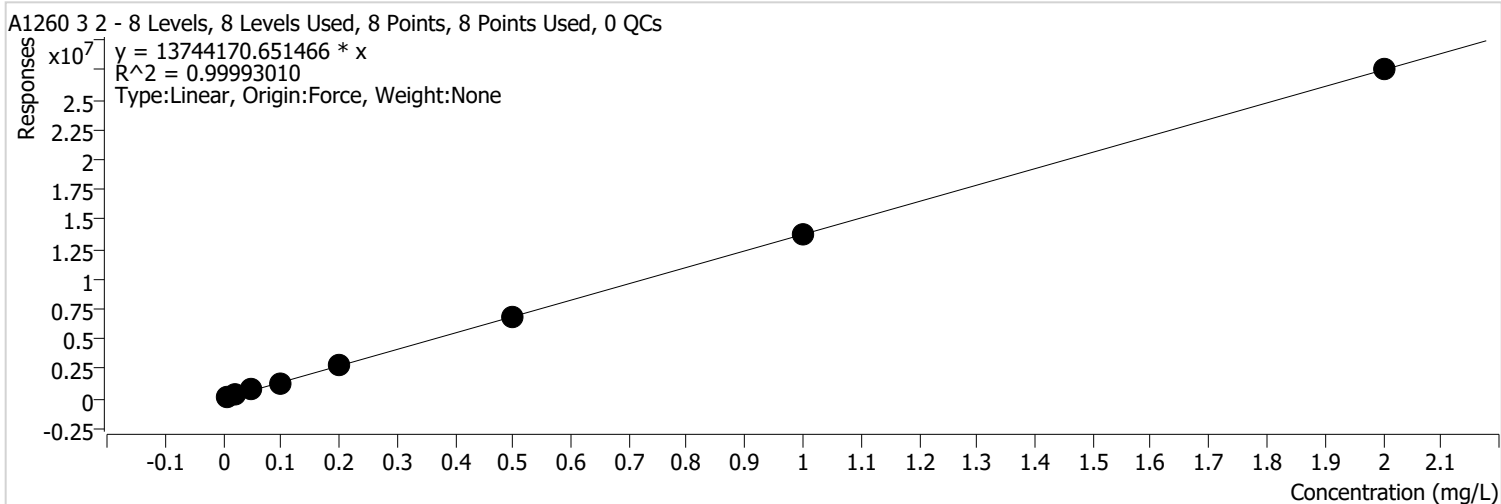


Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
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D:\GC-25\Data\220413\041313.D	Calibration	2	x	500600	0.0200	25030006 .2909	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1156654	0.0500	23133085 .3027	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1925978	0.1000	19259784 .4242	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3814063	0.2000	19070313 .6250	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9541649	0.5000	19083298 .9717	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18739557	1.0000	18739556 .5371	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	36879745	2.0000	18439872 .3374	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 3 2 %RSE = 39.3



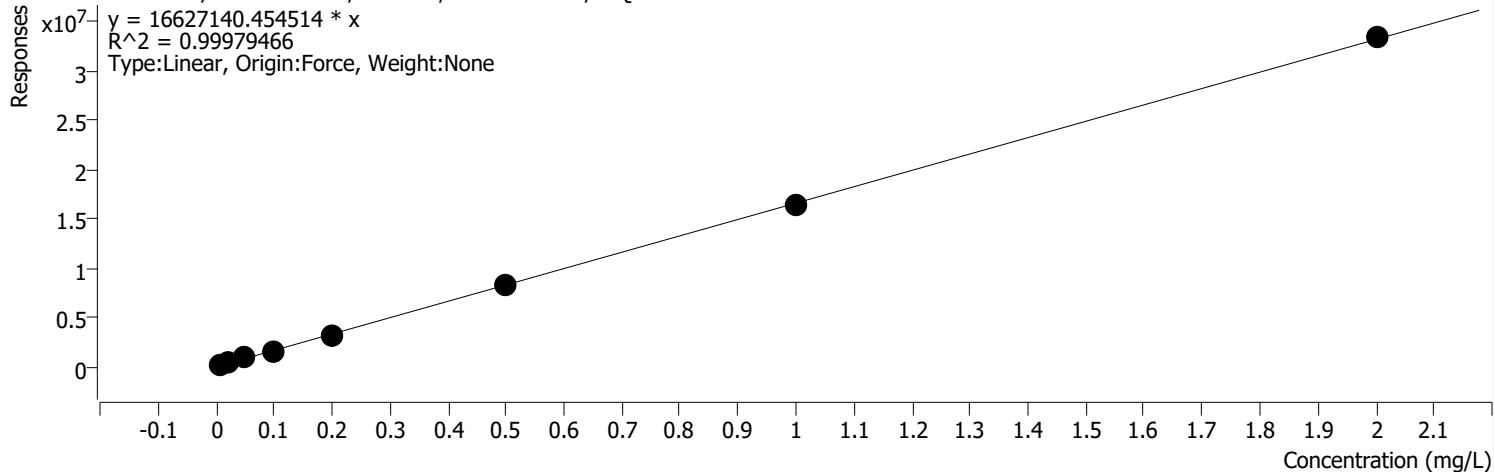
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	206214	0.0080	25776756 .3550	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	371692	0.0200	18584618 .6647	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	818370	0.0500	16367409 .0817	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1354862	0.1000	13548617 .7563	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2787292	0.2000	13936459 .2534	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	6925113	0.5000	13850226 .3000	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	13679146	1.0000	13679145 .8476	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	27500097	2.0000	13750048 .2804	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 4 2 %RSE = 43.6

A1260 4 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



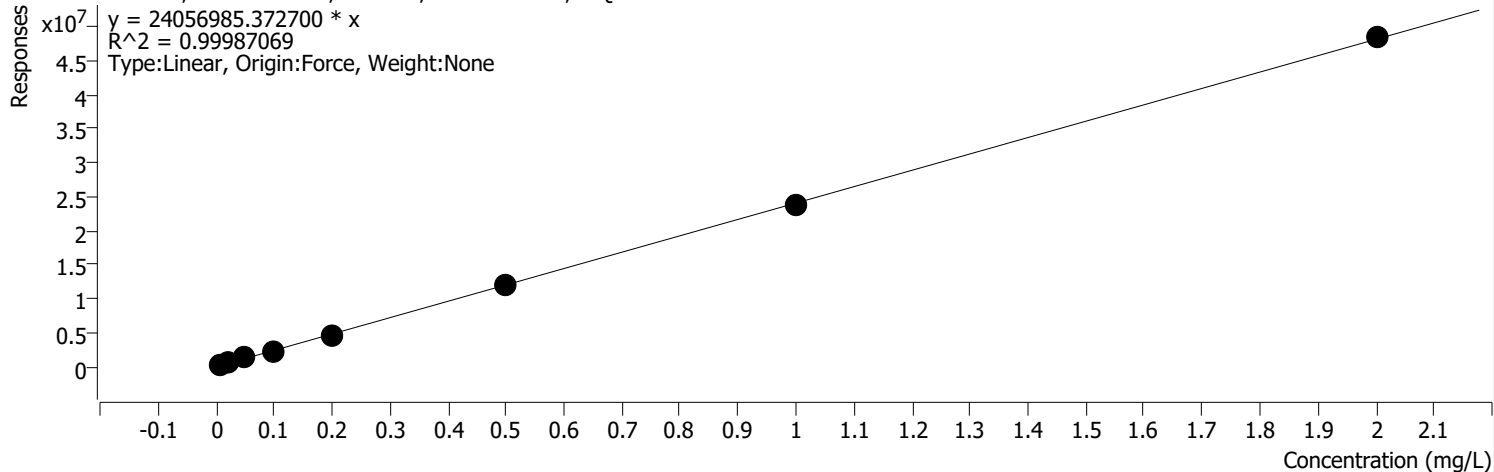
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	257196	0.0080	32149478 .1844	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	499048	0.0200	24952376 .0327	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	920835	0.0500	18416709 .2506	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1538572	0.1000	15385723 .1771	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3271131	0.2000	16355654 .4415	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8360699	0.5000	16721398 .1153	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16312487	1.0000	16312486 .7557	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	33407064	2.0000	16703531 .8173	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 4 %RSE = 27.2

A1260 4 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



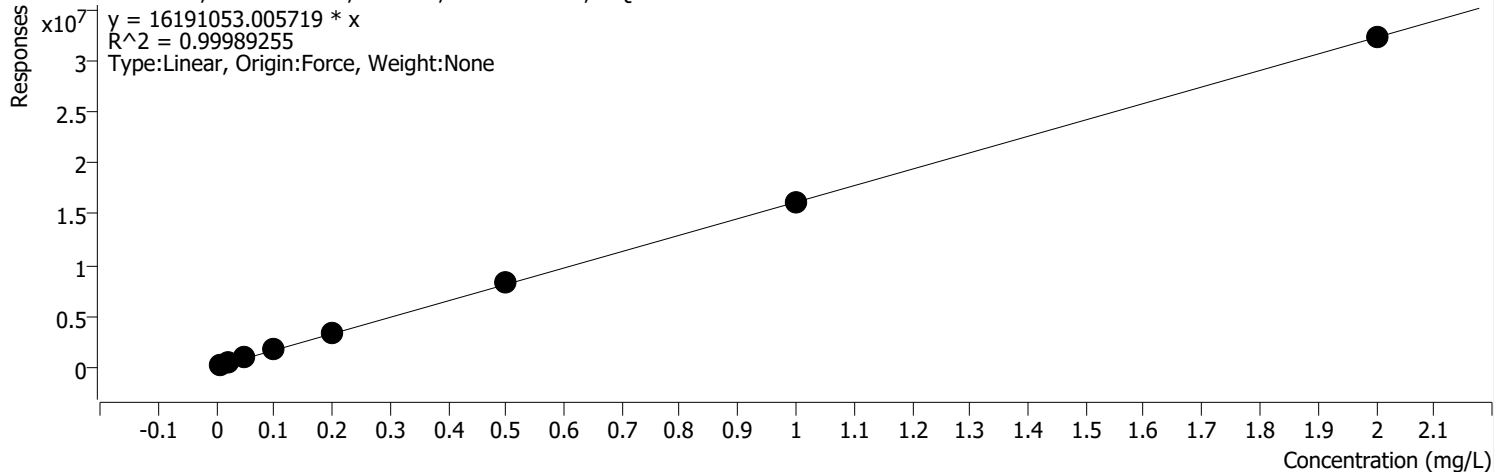
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	302335	0.0080	37791889 .8304	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	635074	0.0200	31753711 .4892	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1325475	0.0500	26509500 .0429	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	2255490	0.1000	22554902 .1708	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	4673162	0.2000	23365812 .4842	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	11932738	0.5000	23865475 .3147	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	23722477	1.0000	23722477 .1145	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	48321453	2.0000	24160726 .5000	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 5 2 %RSE = 34.2

A1260 5 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



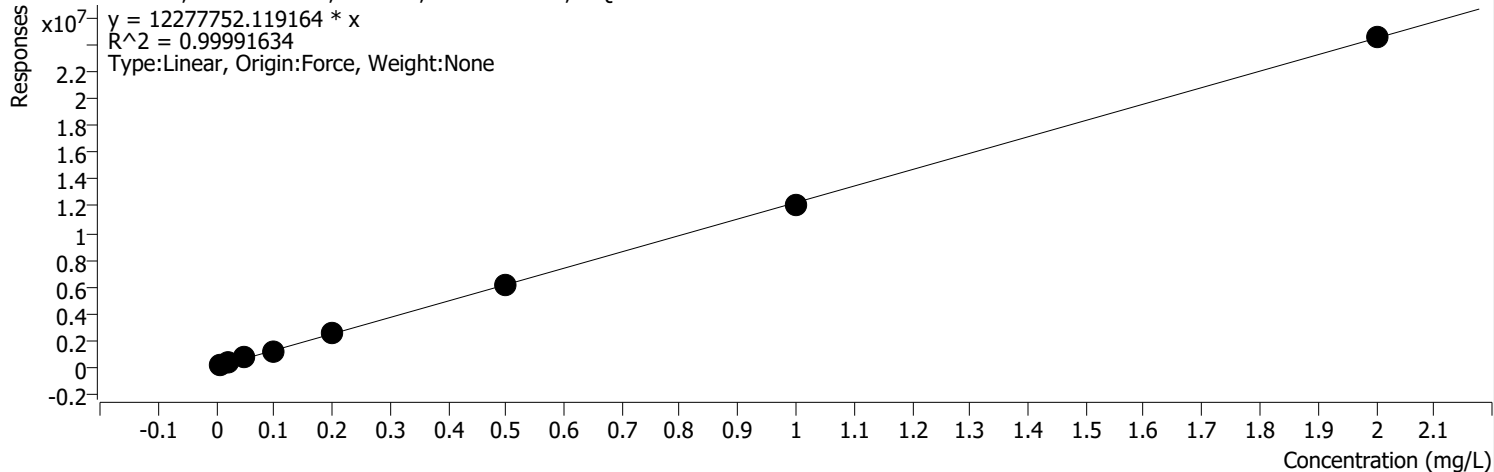
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	218868	0.0080	27358490 .7810	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	463500	0.0200	23174979 .8702	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	963871	0.0500	19277428 .8469	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1625067	0.1000	16250670 .2563	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3356413	0.2000	16782063 .2985	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	8258079	0.5000	16516158 .5250	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	16139707	1.0000	16139706 .9310	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	32349410	2.0000	16174705 .2268	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

A1260 5 %RSE = 32.4

A1260 5 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



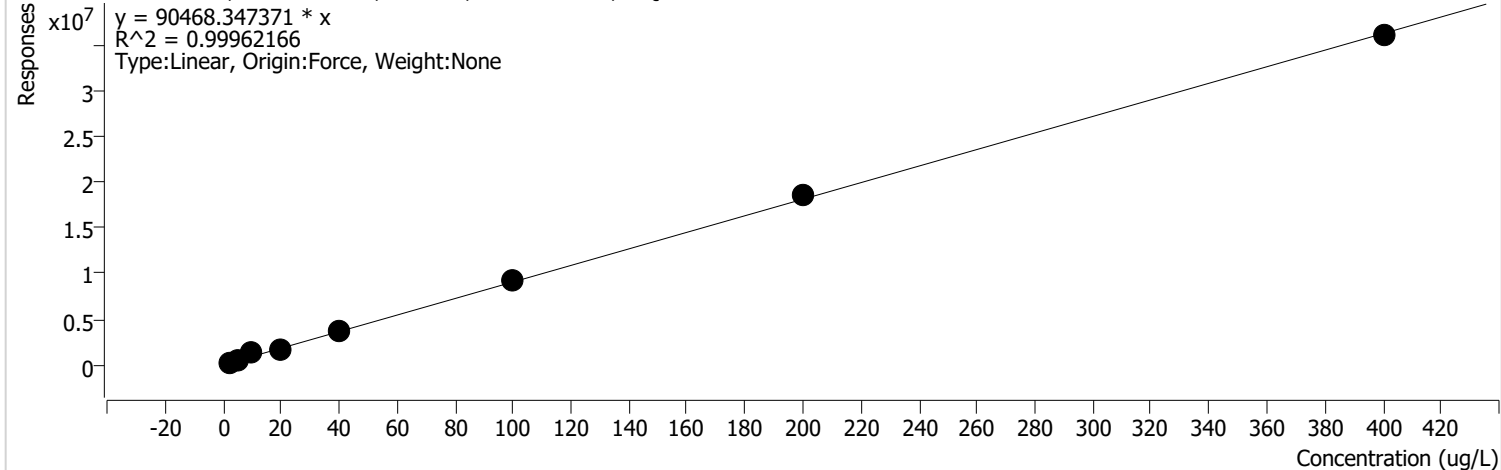
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	164480	0.0080	20559977 .6346	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	339968	0.0200	16998406 .3828	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	716937	0.0500	14338747 .3557	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1224889	0.1000	12248893 .3709	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	2489281	0.2000	12446404 .0927	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	6210873	0.5000	12421746 .4337	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	12169224	1.0000	12169223 .8748	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	24584755	2.0000	12292377 .4597	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP %RSE = 24.9

Surr 2 DCBP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



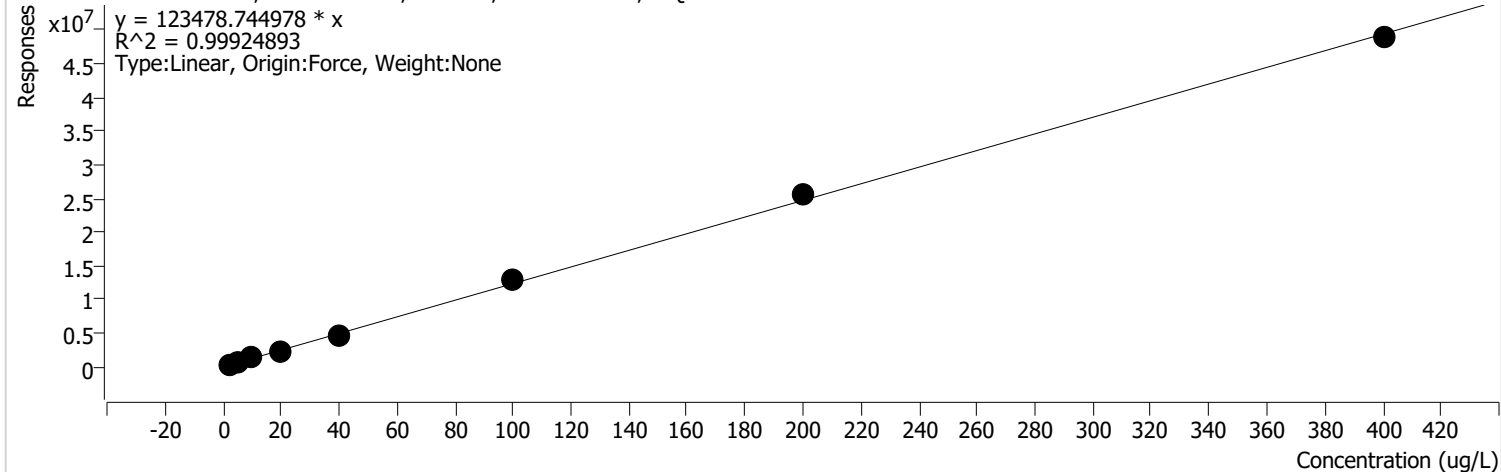
Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	326338	2.5000	130535.1 330	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	503182	5.0000	100636.4 120	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1263808	10.0000	126380.7 630	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	1687684	20.0000	84384.20 79	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	3646289	40.0000	91157.22 85	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	9307724	100.0000	93077.23 81	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	18453061	200.0000	92265.30 52	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	35935510	400.0000	89838.77 46	

Calibration Report

Batch Path	D:\GC-25\Data\220413\QuantResults\1660 cal.batch.bin		
Analysis Time	4/29/2022 3:09 PM	Analyst Name	FA\GC1625
Report Time	4/29/2022 3:10:51 PM	Reporter Name	FA\GC1625
Last Calib Update	4/29/2022 3:08 PM	Batch State	Processed
Quant Batch Version	10.0	Quant Report Version	10.0

Surr 2 DCBP 2 %RSE = 21.7

Surr 2 DCBP 2 - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 0 QCs



Calibration STD Path	Cal Type	Level	Enabled	Resp.	Exp. Conc	Resp. Factor	Level RSD
D:\GC-25\Data\220413\041312.D	Calibration	1	x	451184	2.5000	180473.5 958	
D:\GC-25\Data\220413\041313.D	Calibration	2	x	684257	5.0000	136851.4 754	
D:\GC-25\Data\220413\041314.D	Calibration	3	x	1513577	10.0000	151357.7 002	
D:\GC-25\Data\220413\041315.D	Calibration	4	x	2397630	20.0000	119881.5 211	
D:\GC-25\Data\220413\041316.D	Calibration	5	x	4770866	40.0000	119271.6 475	
D:\GC-25\Data\220413\041317.D	Calibration	6	x	12924698	100.0000	129246.9 796	
D:\GC-25\Data\220413\041318.D	Calibration	7	x	25564453	200.0000	127822.2 641	
D:\GC-25\Data\220413\041319.D	Calibration	8	x	48824670	400.0000	122061.6 744	

PCB Calibration

Date: 04/08/22 Cal Std (1016/1260): 26765 Concentration: 100 ug/mL
 Analyst: Sam Vapoi ICV Std (SS): 26724 Concentration: 100 ug/mL
 Aroclors: 1221: 20519 1232: 23017 1242: 23020 1248: 23021
 1254: 23A86 1262: 23022 1268: 20520 Conc: 1000 ug/mL
 Hexane: 6799 SURROGATE: 26572 Concentration: 20 ug/mL

Calibration Point (ppb)	Surr Cal Pt (ppb)	Hexane (uL)	STD ID	STD Amt (uL)	Surr Amt (uL)	Final Vol. (mL)	Comments
2000	400	960	Cal Std	20	20	1	
1000	200	980	Cal Std	10	10	1	
500	100	990	Cal Std	5	5	1	
200	40	900	2000*	100	--	1	*Points 200, 100, and 50 will be made with prepared Point 2000
100	20	950	2000*	50	--	1	
50	10	975	2000*	25	--	1	
20	(5)	900	200**	100	--	1	**Points 20 and 10 will be made with prepared Point 200
10 8	(2.5)	950	200**	50 40	--	1	
ICB 82-041061 22	200	990	--	-- 82-041061 10	10	1	
ICV (1000 ppb)	200	980	ICV	10	10	1	

Note: Points 20 and 10 will contain surrogate as they are prepared from a mixed std, but will not be included in the surr curve.

Single Point Aroclors

Calibration Point	Surr Conc (ppb)	Hexane (uL)	STD ID	STD Amt (uL)	Surr Amt (uL)	Final Vol (mL)	Comments
2000	200	988	Each Aroclor	2	10	1	

Signature and Date: Sam Vapoi 04/08/22

Signature: EM