Analytical Resources, Incorporated
Analytical Chemists and Consultants

November 9, 2007

David Gillingham
Anchor Environmental, L.L.C.
1423 3rd Avenue, Suite 300
Seattle, WA 98101

RE: Client Project: Kimberly Clark Anacortes
ARI Job No. LR71

Dear David:

Please find enclosed the original chain of custody documentation and the final data package for samples from the project referenced above.

Sample receipt and details of the analyses are discussed in the Case Narrative..

An electronic copy of this package will remain on file with ARI. Should you have any questions or problems, please feel free to contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Susan Dunnihoo
Client Service Manager
sue@arilabs.com
206/695-6207

Enclosures

cc: eFile LR71

SD/sdrd

Chain of Custody
Documentation

prepared
for

ANCHOR ENVIRONMENTAL

Project: KIMBERLY CLARK ANACORTES

ARI JOB NO. LR71

prepared
by

Analytical Resources, Inc.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: LR79	Turn-around Requested: 15 day
ARI Client Company: Anchor	Phone: 206-287-9130
Client Contact: David Gillingham	
Client Project Name: Kimberly Clark Anacortes	
Client Project #:	Samplers: D. Gillingham

Page: 1 of 2	
Date: 9/29/07	Ice Present?
No. of Coolers:	Cooler Temps:

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Porewater Amm/sulfide	Grainsize	LOI	TOC/TS	metals	SVOC/PCB			Notes/Comments
AN-SS-01-070927	09/27/07		Sed	6	X	X	X	X	X	X			Please call
AN-SS-02-070927	09/27/07			6	X	X	X	X	X	X			to Discuss
AN-SS-03-070928	09/28/07			6	X	X	X	X	X	X			TVS Analysis
AN-SS-07-070928	09/28/07			6	X	X	X	X	X	X			
AN-SS-10-070928	09/28/07			6	X	X	X	X	X	X			
AN-SS-11-070928	09/28/07			6	X	X	X	X	X	X			
AN-SS-REF-070928	09/28/07			3	X	X	/	X	/	/			

Analysis Requested

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: David Gillingham	Printed Name: ASHLEY LAMOUNTAIN	Printed Name:	Printed Name:
	Company: Anchor	Company: ARI	Company:	Company:
	Date & Time: 9/29/07 1000	Date & Time: 9/29/07 0955	Date & Time:	Date & Time:

0002

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: LR71	Turn-around Requested: 15 day	Page: 2 of 2	
ARI Client Company: Anchor	Phone: 206 287 9130	Date: 9/29/07	Ice Present?
Client Contact: David Gillingham		No. of Coolers:	Cooler Temps:
Client Project Name: Kimberly Clark			
Client Project #:	Samplers: DG		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: Porewater Amm/Sulfide	Grain Size	LOI	TOC/TS	metals	SVOC/PCB			Notes/Comments
AN-SS-04	9/28/07		Sed	6	X	X	X	X	X	X			
AN-SS-05	9/27/07		↓	6	X	X	X	X	X	X			
AN-SS-06	9/28/07			6	X	X	X	X	X	X			
AN-SS-08	9/27/07			6	X	X	X	X	X	X			
AN-SS-09	9/27/07		↓	6	X	X	X	X	X	X			

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Anchor	Printed Name: ASHLEY LAMOUNTAIN	Printed Name:	Printed Name:
	Company: David Gillingham	Company: ARI	Company:	Company:
	Date & Time: 9/29/07 1000	Date & Time: 9/29/07 1000	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: ANCHOR | Project Name: Kimberly Clark Anacortes
COC No: — | Delivered by: HAND-DELIVERED
Assigned ARI Job No: LR71 | Tracking No: —

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO
Record cooler temperature (recommended 2.0-6.0 °C for chemistry	4.2, 3.8, 3.6, 3.4, °C	

Cooler Accepted by: arl Date: 9/29/07 Time: 1000

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?	YES	(NO)
What kind of packing material was used?	ICE	
Was sufficient ice used (if appropriate)?	(YES)	NO
Were all bottles sealed in individual plastic bags?	(YES)	NO
Did all bottle arrive in good condition (unbroken)?	(YES)	NO
Were all bottle labels complete and legible?	(YES)	NO
Did all bottle labels and tags agree with custody papers?	(YES)	NO
Were all bottles used correct for the requested analyses?	(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation checklist)	YES	(NO)
Were all VOC vials free of air bubbles? (NA)	YES	NO
Was sufficient amount of sample sent in each bottle?	(YES)	NO

Samples Logged by: arl Date: 9/29/07 Time: 1315

*** Notify Project Manager of discrepancies or concerns ***

Explain discrepancies or negative responses:

By: Date:

Case Narrative

prepared
for

ANCHOR ENVIRONMENTAL

Project : KIMBERLY CLARK ANACORTES

ARI JOB NO. LR71

prepared
by

Analytical Resources, Inc.

ANALYTICAL
RESOURCES
INCORPORATED

Case Narrative

Client: Anchor Environmental
Project: Kimberly Clark Anacortes
Matrix: Sediment
ARI Job No. LR71

Sample receipt

Twelve sediment samples were received September 29, 2007 under ARI Job LR71. Sample container temperatures measured by IR Thermometer following ARI SOP were 3.4 to 4.2°C and samples were well iced. Samples were received in good condition with no discrepancies in paperwork. Pore water analyses are reported separately under ARI Job LT50.

Semivolatiles by SW8270

The samples were initially screened to determine if a response was present that would affect sample preparation for analysis. No modifications were required. Samples were extracted and extracts were analyzed within the method recommended holding times. The spike blank was outside compliance, and all samples were re-extracted within holding time for samples stored frozen, with the LCS extracted in duplicate.

Initial and continuing calibrations were within method requirements. Internal standard areas were within method limits.

The method blank was clean at the reporting limit for the 10/10 extraction. The method blank extracted 10/27 was clean with the exception of bis-(2-Ethylhexyl) phthalate just above the reporting limit. Associated sample results have been "B"-flagged. The Laboratory Control Sample had recoveries outside limits as noted above. The LCS/LCS Duplicate extracted 10/27 had recoveries and RPD within limits.

Surrogates recoveries were within ARI control limits.

The MS/MSD had recoveries within limits for target compounds.

PCB-Aroclors by SW8082

Samples were initially screened to determine if a response was present that would affect sample analysis. Samples AN-SS-08 and AN-SS-09 were extracted using less volume. Samples were extracted and analyzed within recommended holding times, using internal standard methods.

Initial and continuing calibrations were within limits. Internal standard areas were within limits.

The method blank was clean at the reporting limit and the LCS had recoveries within limits.

Surrogates recoveries were within ARI limits were within limits.

The MS/MSD had recoveries and RPDs within limits.

The sample analyses did not correspond with the screens well. Several samples required reanalysis at dilution that were un-expected. Samples AN-SS-08 and AN-SS-09 which were extracted using less sample volume were reported to a lower point on the calibration curve.

Total Metals

The samples were digested and analyzed within required holding times.

The method blank was clean at the detection limit and the Laboratory Control sample had recoveries within limits.

Duplicate RPDs were within limits.

Matrix Spike recoveries were within limits with the exception of Antimony. As Antimony is known to be problematic using 3050B digestion methods, and the LCS was in control, no further action was taken.

Total Organic Carbon

Samples were prepared and analyzed within the required holding time.

The method blank was clean and LCS recoveries were within limits.

Standard reference recoveries were within limits.

The replicates had acceptable RPD and the matrix spike had acceptable recovery.

There were no incidents of note.

Geotechnical Parameters

A laboratory specific narrative follows.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Client: Anchor Environmental, LLC	ARI Project No.: LR71
Client Project: Kimberly Clark Anacortes	

Case Narrative

1. Twelve samples were received on September 29, 2007. Eleven samples were submitted for Pore Water Extraction in general guidance with the Corp of Engineers draft interim guide lines, total organic matter by ignition by ASTM D2974 and grain size analysis by PSEP methodology. Sample AN-SS-REF-070928 was submitted only for grain size distribution and pore water extraction.
2. The sediment for pore water extraction was in 32 oz wide mouth glass jars. The sediment sample jars were placed in the nitrogen chamber along with centrifuge jars, spoons, preserved 40 mL vials and a balance, and the chamber was sealed and filled with nitrogen. The centrifuge jars and vials were opened to allow them to come to equilibrium with the chamber. The oxygen level in the chamber was less than 1%.
3. All centrifuge bottles were pre-rinsed with Hexane and allowed to dry completely. All spoons were pre-rinsed with deionized water.
4. All samples were centrifuged in a pre-cooled centrifuge (4°C) at 1,200 x g for 30 minutes, decanted in the nitrogen chamber, and then placed in another pre-cooled centrifuge (4°C) and spun at 7,000-x g for 15 minutes. The pore water was then decanted into two separate preserved 40 mL vials for ammonia and sulfide testing.
5. Some of the samples had "floaters," material that was floating on the top (or within the water) and could not be separated by centrifuging.
6. Sample AN-SS-06 contained live worms.
7. The samples for total organic matter by ignition were received in 16 oz plastic jars.
8. The grain size analysis samples were received in 16 oz plastic jars.
9. The samples were run in a single batch and sample AN-SS-REF-070928 was chosen for triplicate analysis. The triplicate data is reported on the QA summary.
10. Samples AN-SS-05, AN-SS-06 and AN-SS-09 contained fewer than the 5 grams required in the pipette portion of the analysis. Our balance has a capacity of about 200 g. (by 0.0001) and a sample size that would give 5 g. of fines could not be split and stay within the capacity of the balance.
11. The pipette readings on sample AN-SS-09 were below the level required for accurate weighing, resulting in negative weights. This result was likely due to the minimal amount of fines in the sample or the large wood chunks within the sample, which could have interfered with the moisture content. The total sample weight was adjusted to eliminate the negative values.
12. Samples AN-SS-01-070927, AN-SS-02-070927, AN-SS-03-070928, AN-SS-05, AN-SS-08 and AN-SS-09 contained organic matter and/or large wood chunks. This material may have broken down during the sieving process, affecting grain size analysis.
13. Samples AN-SS-01-070927, AN-SS-02-070927, AN-SS-03-070928, AN-SS-07-070928, AN-SS-10-070928, AN-SS-11-070928 and AN-SS-06 contained shells or shell fragments.
14. The data is provided in summary tables and plots.
15. There were no other anomalies in the samples or methods on this project.

Approved by: Taylor McKenzie Date: 10/18/07
Title: Lead Technician

4611 South 134th Place, Suite 100 • Tukwila WA 98168 • **206-695-6200** • **206-695-6201** fax

Data Reporting Qualifiers

Effective 12/28/04

Inorganic Data

U Indicates that the target analyte was not detected at the reported concentration

* Duplicate RPD is not within established control limits

B Reported value is less than the CRDL but ≥ the Reporting Limit

N Matrix Spike recovery not within established control limits

NA Not Applicable, analyte not spiked

H The natural concentration of the spiked element is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible

L Analyte concentration is ≤5 times the Reporting Limit and the replicate control limit defaults to ±1 RL instead of the normal 20% RPD

Organic Data

U Indicates that the target analyte was not detected at the reported concentration

* Flagged value is not within established control limits

B Analyte detected in an associated Method Blank at a concentration greater than one-half of ARI's Reporting Limit or 5% of the regulatory limit or 5% of the analyte concentration in the sample.

J Estimated concentration when the value is less than ARI's established reporting limits

D The spiked compound was not detected due to sample extract dilution

NR Spiked compound recovery is not reported due to chromatographic interference

E Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

S Indicates an analyte response that has saturated the detector. The calculated concentration is not valid; a dilution is required to obtain valid quantification of the analyte

NA The flagged analyte was not analyzed for

NS The flagged analyte was not spiked into the sample

M Estimated value for an analyte detected and confirmed by an analyst but with low spectral match parameters. This flag is used only for GC-MS analyses

N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification"

Y The analyte is not detected at or above the reported concentration. The reporting limit is raised due to chromatographic interference. The Y flag is equivalent to the U flag with a raised reporting limit.

C The analyte was positively identified on only one of two chromatographic columns. Chromatographic interference prevented a positive identification on the second column

P The analyte was detected on both chromatographic columns but the quantified values differ by ≥40% RPD with no obvious chromatographic interference

Geotechnical Data

A The total of all fines fractions. This flag is used to report total fines when only sieve analysis is requested and balances total grain size with sample weight.

F Samples were frozen prior to particle size determination

SM Sample matrix was not appropriate for the requested analysis. This normally refers to samples contaminated with an organic product that interferes with the sieving process and/or moisture content, porosity and saturation calculations

SS Sample did not contain the proportion of "fines" required to perform the pipette portion of the grain size analysis

W Weight of sample in some pipette aliquots was below the level required for accurate weighting

Data Summary Package

prepared
for

ANCHOR ENVIRONMENTAL

Project : KIMBERLY CLARK ANACORTES

ARI JOB NO. LR71

prepared
by

Analytical Resources, Inc.

SEMIVOLATILE ORGANICS

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-01-070927
SAMPLE

Lab Sample ID: LR71A
LIMS ID: 07-20766
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 14:39
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.5%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**62**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**42**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**64**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**130**
129-00-0	**Pyrene**	**20**	**110**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**34**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**57**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**37**
207-08-9	**Benzo(k)fluoranthene**	**20**	**48**
50-32-8	**Benzo(a)pyrene**	**20**	**36**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

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ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-01-070927**
Page 2 of 2 **SAMPLE**

Lab Sample ID: LR71A QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20766 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 14:39

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	53.6%	2-Fluorobiphenyl	55.2%
d14-p-Terphenyl	71.6%	d4-1,2-Dichlorobenzene	47.6%
d5-Phenol	60.3%	2-Fluorophenol	68.8%
2,4,6-Tribromophenol	74.4%	d4-2-Chlorophenol	58.7%

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ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-01-070927**
Page 1 of 2 **REEXTRACT**

Lab Sample ID: LR71A
LIMS ID: 07-20766
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 16:39
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.5%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**49**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**110**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**100**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**90**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**180**
129-00-0	**Pyrene**	**20**	**120**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**26**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**40**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**30**
207-08-9	**Benzo(k)fluoranthene**	**20**	**34**
50-32-8	**Benzo(a)pyrene**	**20**	**29**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-01-070927**
 REEXTRACT

Lab Sample ID: LR71A QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20766 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 16:39

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	52.0%	2-Fluorobiphenyl	53.6%
d14-p-Terphenyl	56.0%	d4-1,2-Dichlorobenzene	48.4%
d5-Phenol	55.7%	2-Fluorophenol	44.3%
2,4,6-Tribromophenol	56.5%	d4-2-Chlorophenol	54.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-02-070927**
Page 1 of 2 **SAMPLE**

Lab Sample ID: LR71B
LIMS ID: 07-20767
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 15:13
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 50.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**180**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**47**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**25**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	**Dibenzofuran**	**20**	**39**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**24**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	**Phenanthrene**	**20**	**400**
120-12-7	**Anthracene**	**20**	**20**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**410**
129-00-0	**Pyrene**	**20**	**290**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**56**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**110**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**88**
207-08-9	**Benzo(k)fluoranthene**	**20**	**73**
50-32-8	**Benzo(a)pyrene**	**20**	**75**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**20**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-02-070927
SAMPLE

Lab Sample ID: LR71B
LIMS ID: 07-20767
Matrix: Sediment
Date Analyzed: 10/18/07 15:13

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	48.8%	2-Fluorobiphenyl	49.2%
d14-p-Terphenyl	64.0%	d4-1,2-Dichlorobenzene	44.8%
d5-Phenol	54.9%	2-Fluorophenol	63.2%
2,4,6-Tribromophenol	63.7%	d4-2-Chlorophenol	54.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: AN-SS-02-070927
REEXTRACT

Lab Sample ID: LR71B
LIMS ID: 07-20767
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 17:11
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 50.3%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**29**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**390**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**74**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**24**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**23**
83-32-9	Acenaphthene	20	< 20 U
132-64-9	**Dibenzofuran**	**20**	**21**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**22**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**210**
120-12-7	**Anthracene**	**20**	**41**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**340**
129-00-0	**Pyrene**	**20**	**170**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**59**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**79**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**70**
207-08-9	**Benzo(k)fluoranthene**	**20**	**70**
50-32-8	**Benzo(a)pyrene**	**20**	**72**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**29**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**27**

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-02-070927
REEXTRACT

Lab Sample ID: LR71B
LIMS ID: 07-20767
Matrix: Sediment
Date Analyzed: 11/01/07 17:11

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.6%	2-Fluorobiphenyl	57.6%
d14-p-Terphenyl	42.4%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	60.0%	2-Fluorophenol	47.5%
2,4,6-Tribromophenol	66.1%	d4-2-Chlorophenol	59.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-03-070928**
 SAMPLE

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 15:47
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 33.2%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**63**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**22**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	**Phenanthrene**	**20**	**85**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**210**
129-00-0	**Pyrene**	**20**	**190**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**83**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**110**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**120**
207-08-9	**Benzo(k)fluoranthene**	**20**	**130**
50-32-8	**Benzo(a)pyrene**	**20**	**130**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**48**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**37**

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-03-070928
SAMPLE

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Date Analyzed: 10/18/07 15:47

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	48.8%	2-Fluorobiphenyl	50.8%
d14-p-Terphenyl	63.6%	d4-1,2-Dichlorobenzene	42.8%
d5-Phenol	52.0%	2-Fluorophenol	64.8%
2,4,6-Tribromophenol	65.9%	d4-2-Chlorophenol	52.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: AN-SS-03-070928
REEXTRACT

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 17:42
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 33.2%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**33**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**200**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**39**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**48**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**71**
129-00-0	**Pyrene**	**20**	**60**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**22**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**22**
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-03-070928**
 REEXTRACT

Lab Sample ID: LR71C QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20768 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 17:42

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	54.4%	2-Fluorobiphenyl	56.0%
d14-p-Terphenyl	53.6%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	57.6%	2-Fluorophenol	45.6%
2,4,6-Tribromophenol	57.6%	d4-2-Chlorophenol	56.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-07-070928
SAMPLE

Lab Sample ID: LR71D
LIMS ID: 07-20769
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 16:21
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 28.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**21**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**45**
129-00-0	**Pyrene**	**20**	**32**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**60**
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-07-070928**
 SAMPLE

Lab Sample ID: LR71D QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20769 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 16:21

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	51.6%	2-Fluorobiphenyl	53.2%
d14-p-Terphenyl	64.0%	d4-1,2-Dichlorobenzene	46.4%
d5-Phenol	54.4%	2-Fluorophenol	64.5%
2,4,6-Tribromophenol	66.7%	d4-2-Chlorophenol	54.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-07-070928**
Page 1 of 2 **REEXTRACT**

Lab Sample ID: LR71D
LIMS ID: 07-20769
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 18:13
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 51.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 28.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**33**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**28**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**51**
129-00-0	**Pyrene**	**20**	**41**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**50 B**
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-07-070928
REEXTRACT

Lab Sample ID: LR71D
LIMS ID: 07-20769
Matrix: Sediment
Date Analyzed: 11/01/07 18:13

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.0%	2-Fluorobiphenyl	59.2%
d14-p-Terphenyl	59.2%	d4-1,2-Dichlorobenzene	50.4%
d5-Phenol	60.0%	2-Fluorophenol	46.4%
2,4,6-Tribromophenol	61.1%	d4-2-Chlorophenol	57.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
 SAMPLE

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 16:55
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**31**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**34**
129-00-0	**Pyrene**	**20**	**24**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**29**
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
 SAMPLE

Lab Sample ID: LR71E QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20770 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 16:55

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	42.8%	2-Fluorobiphenyl	46.8%
d14-p-Terphenyl	50.8%	d4-1,2-Dichlorobenzene	38.4%
d5-Phenol	44.5%	2-Fluorophenol	55.2%
2,4,6-Tribromophenol	52.0%	d4-2-Chlorophenol	43.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
 REEXTRACT

Lab Sample ID: LR71E
LIMS ID: 07-23292
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 18:45
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**74**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**24**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**27**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**41**
129-00-0	**Pyrene**	**20**	**31**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**20 B**
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 2 of 2 **REEXTRACT**

Lab Sample ID: LR71E QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-23292 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 18:45

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	33.0%	2-Fluorobiphenyl	33.2%
d14-p-Terphenyl	34.0%	d4-1,2-Dichlorobenzene	30.2%
d5-Phenol	32.3%	2-Fluorophenol	27.2%
2,4,6-Tribromophenol	34.1%	d4-2-Chlorophenol	32.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-11-070928**
Page 1 of 2 **SAMPLE**

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 18:36
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 32.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**40**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**40**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**21**
83-32-9	Acenaphthene	20	< 20 U
132-64-9	**Dibenzofuran**	**20**	**23**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**31**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**280**
120-12-7	**Anthracene**	**20**	**110**
84-74-2	**Di-n-Butylphthalate**	**20**	**44**
206-44-0	**Fluoranthene**	**20**	**2,000 E**
129-00-0	**Pyrene**	**20**	**1,200**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**490**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**250**
218-01-9	**Chrysene**	**20**	**650**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**370**
207-08-9	**Benzo(k)fluoranthene**	**20**	**260**
50-32-8	**Benzo(a)pyrene**	**20**	**220**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**37**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**21**

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-11-070928**
Page 2 of 2 **SAMPLE**

Lab Sample ID: LR71F QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20771 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 18:36

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	46.4%	2-Fluorobiphenyl	46.8%
d14-p-Terphenyl	55.6%	d4-1,2-Dichlorobenzene	42.0%
d5-Phenol	47.7%	2-Fluorophenol	56.3%
2,4,6-Tribromophenol	60.0%	d4-2-Chlorophenol	48.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-11-070928**
 DILUTION

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/19/07 17:51
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 32.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	60	< 60 U
541-73-1	1,3-Dichlorobenzene	60	< 60 U
106-46-7	1,4-Dichlorobenzene	60	< 60 U
100-51-6	Benzyl Alcohol	60	< 60 U
95-50-1	1,2-Dichlorobenzene	60	< 60 U
95-48-7	2-Methylphenol	60	< 60 U
106-44-5	4-Methylphenol	60	< 60 U
67-72-1	Hexachloroethane	60	< 60 U
105-67-9	2,4-Dimethylphenol	60	< 60 U
65-85-0	Benzoic Acid	600	< 600 U
120-82-1	1,2,4-Trichlorobenzene	30	< 30 UJ
91-20-3	Naphthalene	60	< 60 U
87-68-3	Hexachlorobutadiene	60	< 60 U
91-57-6	2-Methylnaphthalene	60	< 60 U
131-11-3	Dimethylphthalate	60	< 60 U
208-96-8	Acenaphthylene	60	< 60 U
83-32-9	Acenaphthene	60	< 60 U
132-64-9	Dibenzofuran	60	< 60 U
84-66-2	Diethylphthalate	60	< 60 U
86-73-7	Fluorene	60	< 60 U
86-30-6	N-Nitrosodiphenylamine	60	< 60 U
118-74-1	Hexachlorobenzene	30	< 30 UJ
87-86-5	Pentachlorophenol	300	< 300 U
85-01-8	**Phenanthrene**	**60**	**300**
120-12-7	**Anthracene**	**60**	**120**
84-74-2	Di-n-Butylphthalate	60	< 60 U
206-44-0	**Fluoranthene**	**60**	**2,600**
129-00-0	**Pyrene**	**60**	**1,400**
85-68-7	Butylbenzylphthalate	60	< 60 U
56-55-3	**Benzo(a)anthracene**	**60**	**530**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**60**	**270**
218-01-9	**Chrysene**	**60**	**690**
117-84-0	Di-n-Octyl phthalate	60	< 60 U
205-99-2	**Benzo(b)fluoranthene**	**60**	**290**
207-08-9	**Benzo(k)fluoranthene**	**60**	**300**
50-32-8	**Benzo(a)pyrene**	**60**	**220**
193-39-5	Indeno(1,2,3-cd)pyrene	60	< 60 U
53-70-3	Dibenz(a,h)anthracene	60	< 60 U
191-24-2	Benzo(g,h,i)perylene	60	< 60 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-11-070928**
Page 2 of 2 **DILUTION**

Lab Sample ID: LR71F QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20771 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/19/07 17:51

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	60	< 60 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	51.0%	2-Fluorobiphenyl	50.0%
d14-p-Terphenyl	57.5%	d4-1,2-Dichlorobenzene	44.5%
d5-Phenol	46.2%	2-Fluorophenol	54.6%
2,4,6-Tribromophenol	48.2%	d4-2-Chlorophenol	49.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: AN-SS-11-070928
REEXTRACT

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 20:18
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 32.9%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**24**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**66**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**100**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**31**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**32**
83-32-9	**Acenaphthene**	**20**	**32**
132-64-9	**Dibenzofuran**	**20**	**37**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**50**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**420**
120-12-7	**Anthracene**	**20**	**92**
84-74-2	Di-n-Butylphthalate	42	< 42 Y
206-44-0	**Fluoranthene**	**20**	**840**
129-00-0	**Pyrene**	**20**	**550**
85-68-7	Butylbenzylphthalate	45	< 45 Y
56-55-3	**Benzo(a)anthracene**	**20**	**190**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**280 B**
218-01-9	**Chrysene**	**20**	**250**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**160**
207-08-9	**Benzo(k)fluoranthene**	**20**	**180**
50-32-8	**Benzo(a)pyrene**	**20**	**170**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**66**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**27**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**43**

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-11-070928
REEXTRACT

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Date Analyzed: 11/01/07 20:18

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	22

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.4%	2-Fluorobiphenyl	64.0%
d14-p-Terphenyl	60.8%	d4-1,2-Dichlorobenzene	56.8%
d5-Phenol	62.7%	2-Fluorophenol	49.1%
2,4,6-Tribromophenol	65.6%	d4-2-Chlorophenol	61.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-04**
Page 1 of 2 **SAMPLE**

Lab Sample ID: LR71H
LIMS ID: 07-20773
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 19:10
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**20**
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-04**
Page 2 of 2 **SAMPLE**

Lab Sample ID: LR71H QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20773 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 19:10

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.4%	2-Fluorobiphenyl	57.2%
d14-p-Terphenyl	56.4%	d4-1,2-Dichlorobenzene	47.6%
d5-Phenol	52.8%	2-Fluorophenol	63.5%
2,4,6-Tribromophenol	63.2%	d4-2-Chlorophenol	55.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-04
REEXTRACT

Lab Sample ID: LR71H
LIMS ID: 07-20773
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 20:50
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**20**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	**Diethylphthalate**	**20**	**33**
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**34**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**44**
129-00-0	**Pyrene**	**20**	**33**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**110 B**
218-01-9	**Chrysene**	**20**	**26**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-04**
Page 2 of 2 **REEXTRACT**

Lab Sample ID: LR71H QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20773 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 20:50

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.4%	2-Fluorobiphenyl	58.4%
d14-p-Terphenyl	54.4%	d4-1,2-Dichlorobenzene	52.0%
d5-Phenol	56.3%	2-Fluorophenol	46.4%
2,4,6-Tribromophenol	59.2%	d4-2-Chlorophenol	55.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-05**
Page 1 of 2 **SAMPLE**

Lab Sample ID: LR71I
LIMS ID: 07-20774
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 19:44
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 48.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**44**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	**Phenanthrene**	**20**	**39**
120-12-7	Anthracene	20	< 20 U
84-74-2	**Di-n-Butylphthalate**	**20**	**150 M**
206-44-0	**Fluoranthene**	**20**	**210**
129-00-0	**Pyrene**	**20**	**84**
85-68-7	**Butylbenzylphthalate**	**20**	**27 M**
56-55-3	**Benzo(a)anthracene**	**20**	**24**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**30**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**28**
207-08-9	**Benzo(k)fluoranthene**	**20**	**24**
50-32-8	**Benzo(a)pyrene**	**20**	**25**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-05**
 SAMPLE

Lab Sample ID: LR71I QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20774 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 19:44

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	50.4%	2-Fluorobiphenyl	48.8%
d14-p-Terphenyl	68.4%	d4-1,2-Dichlorobenzene	45.2%
d5-Phenol	52.3%	2-Fluorophenol	62.9%
2,4,6-Tribromophenol	63.2%	d4-2-Chlorophenol	53.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-05
REEXTRACT

Lab Sample ID: LR71I
LIMS ID: 07-20774
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 21:21
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 48.3%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**69**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**60**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	**Benzoic Acid**	**200**	**280**
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	**Phenanthrene**	**20**	**41**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	200	< 200 Y
206-44-0	**Fluoranthene**	**20**	**260 M**
129-00-0	**Pyrene**	**20**	**85**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**28**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**35**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**30**
207-08-9	**Benzo(k)fluoranthene**	**20**	**28**
50-32-8	**Benzo(a)pyrene**	**20**	**30**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-05**
 REEXTRACT

Lab Sample ID: LR71I QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20774 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 21:21

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.2%	2-Fluorobiphenyl	56.8%
d14-p-Terphenyl	63.2%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	56.5%	2-Fluorophenol	45.1%
2,4,6-Tribromophenol	71.5%	d4-2-Chlorophenol	55.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-06**
Page 1 of 2 **SAMPLE**

Lab Sample ID: LR71J
LIMS ID: 07-20775
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 20:18
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.1%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**38**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.8	< 9.8 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.8	< 9.8 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**24**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**46**
129-00-0	**Pyrene**	**20**	**30**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-06**
Page 2 of 2 **SAMPLE**

Lab Sample ID: LR71J QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20775 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 20:18

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	54.0%	2-Fluorobiphenyl	57.6%
d14-p-Terphenyl	60.4%	d4-1,2-Dichlorobenzene	48.0%
d5-Phenol	51.7%	2-Fluorophenol	64.3%
2,4,6-Tribromophenol	60.0%	d4-2-Chlorophenol	54.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-06
REEXTRACT

Lab Sample ID: LR71J
LIMS ID: 07-20775
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 21:52
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 51.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.1%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**46**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**230**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**26**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**40**
129-00-0	**Pyrene**	**20**	**25**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**22**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**30**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**23**
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-06**
 REEXTRACT

Lab Sample ID: LR71J QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20775 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 21:52

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	55.6%	2-Fluorobiphenyl	59.6%
d14-p-Terphenyl	54.8%	d4-1,2-Dichlorobenzene	52.8%
d5-Phenol	56.3%	2-Fluorophenol	46.4%
2,4,6-Tribromophenol	61.6%	d4-2-Chlorophenol	55.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-08
SAMPLE

Lab Sample ID: LR71K
LIMS ID: 07-20776
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 20:51
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 41.2%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**59**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**65**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**42**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**47**
83-32-9	**Acenaphthene**	**20**	**37**
132-64-9	**Dibenzofuran**	**20**	**51**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**85**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**740**
120-12-7	**Anthracene**	**20**	**100**
84-74-2	**Di-n-Butylphthalate**	**20**	**30**
206-44-0	**Fluoranthene**	**20**	**1,100**
129-00-0	**Pyrene**	**20**	**780**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**300**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**440**
218-01-9	**Chrysene**	**20**	**380**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**260**
207-08-9	**Benzo(k)fluoranthene**	**20**	**420**
50-32-8	**Benzo(a)pyrene**	**20**	**330**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**76**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**26**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**49**

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-08**
 SAMPLE

Lab Sample ID: LR71K
LIMS ID: 07-20776
Matrix: Sediment
Date Analyzed: 10/18/07 20:51

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	35

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	55.2%	2-Fluorobiphenyl	53.6%
d14-p-Terphenyl	71.2%	d4-1,2-Dichlorobenzene	46.4%
d5-Phenol	56.3%	2-Fluorophenol	67.7%
2,4,6-Tribromophenol	72.5%	d4-2-Chlorophenol	57.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-08**
 REEXTRACT

Lab Sample ID: LR71K
LIMS ID: 07-20776
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 22:23
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 41.2%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**45**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	**Benzyl Alcohol**	**20**	**38 M**
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**110**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**130**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**70**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**81**
83-32-9	**Acenaphthene**	**20**	**55**
132-64-9	**Dibenzofuran**	**20**	**84**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**130**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**890**
120-12-7	**Anthracene**	**20**	**220**
84-74-2	Di-n-Butylphthalate	49	< 49 Y
206-44-0	**Fluoranthene**	**20**	**1,200**
129-00-0	**Pyrene**	**20**	**1,400**
85-68-7	Butylbenzylphthalate	110	< 110 Y
56-55-3	**Benzo(a)anthracene**	**20**	**530**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**490 B**
218-01-9	**Chrysene**	**20**	**700**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**430**
207-08-9	**Benzo(k)fluoranthene**	**20**	**330**
50-32-8	**Benzo(a)pyrene**	**20**	**450**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**100**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**37**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**62**

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-08**
Page 2 of 2 **REEXTRACT**

Lab Sample ID: LR71K QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20776 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 22:23

CAS Number	Analyte	RL	Result
90-12-0	**1-Methylnaphthalene**	**20**	**52**

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.8%	2-Fluorobiphenyl	63.2%
d14-p-Terphenyl	105%	d4-1,2-Dichlorobenzene	59.2%
d5-Phenol	65.3%	2-Fluorophenol	51.7%
2,4,6-Tribromophenol	71.5%	d4-2-Chlorophenol	63.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-09**
 SAMPLE

Lab Sample ID: LR71L
LIMS ID: 07-20777
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 21:25
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.1%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**22**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**66**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	**Dibenzofuran**	**20**	**28**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**24**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	**Phenanthrene**	**20**	**98**
120-12-7	**Anthracene**	**20**	**35**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**460**
129-00-0	**Pyrene**	**20**	**300**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**100**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**220**
218-01-9	**Chrysene**	**20**	**270**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**190**
207-08-9	**Benzo(k)fluoranthene**	**20**	**120**
50-32-8	**Benzo(a)pyrene**	**20**	**83**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-09**
Page 2 of 2 **SAMPLE**

Lab Sample ID: LR71L QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20777 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 21:25

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	42

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	50.0%	2-Fluorobiphenyl	49.6%
d14-p-Terphenyl	60.4%	d4-1,2-Dichlorobenzene	45.2%
d5-Phenol	53.1%	2-Fluorophenol	60.8%
2,4,6-Tribromophenol	65.1%	d4-2-Chlorophenol	53.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-09**
Page 1 of 2 **REEXTRACT**

Lab Sample ID: LR71L
LIMS ID: 07-20777
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 22:54
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.1%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**52**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**22**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	**Benzoic Acid**	**200**	**210**
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**50**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**140**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	**Acenaphthene**	**20**	**71**
132-64-9	**Dibenzofuran**	**20**	**88**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**100**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**500**
120-12-7	**Anthracene**	**20**	**130**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**690**
129-00-0	**Pyrene**	**20**	**430**
85-68-7	Butylbenzylphthalate	80	< 80 Y
56-55-3	**Benzo(a)anthracene**	**20**	**160**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**150**
218-01-9	**Chrysene**	**20**	**220**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**180**
207-08-9	**Benzo(k)fluoranthene**	**20**	**160**
50-32-8	**Benzo(a)pyrene**	**20**	**150**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**43**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**27**

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-09
REEXTRACT

Lab Sample ID: LR71L
LIMS ID: 07-20777
Matrix: Sediment
Date Analyzed: 11/01/07 22:54

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	95

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	59.2%
d14-p-Terphenyl	59.6%	d4-1,2-Dichlorobenzene	54.0%
d5-Phenol	57.1%	2-Fluorophenol	42.4%
2,4,6-Tribromophenol	60.5%	d4-2-Chlorophenol	57.3%

ANALYTICAL RESOURCES INCORPORATED

SW8270 SEMIVOLATILES SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Client ID	NBZ	FBP	TPH	DCB	PHL	2FP	TBP	2CP	TOT OUT
AN-SS-01-070927	53.6%	55.2%	71.6%	47.6%	60.3%	68.8%	74.4%	58.7%	0
AN-SS-01-070927 RE	52.0%	53.6%	56.0%	48.4%	55.7%	44.3%	56.5%	54.4%	0
AN-SS-02-070927	48.8%	49.2%	64.0%	44.8%	54.9%	63.2%	63.7%	54.4%	0
AN-SS-02-070927 RE	57.6%	57.6%	42.4%	51.2%	60.0%	47.5%	66.1%	59.5%	0
AN-SS-03-070928	48.8%	50.8%	63.6%	42.8%	52.0%	64.8%	65.9%	52.0%	0
AN-SS-03-070928 RE	54.4%	56.0%	53.6%	51.2%	57.6%	45.6%	57.6%	56.0%	0
AN-SS-07-070928	51.6%	53.2%	64.0%	46.4%	54.4%	64.5%	66.7%	54.7%	0
AN-SS-07-070928 RE	56.0%	59.2%	59.2%	50.4%	60.0%	46.4%	61.1%	57.1%	0
MB-101007	44.4%	39.4%*	64.0%	38.2%	49.1%	57.1%	52.0%	46.9%	1
LCS-101007	42.4%	39.4%*	57.2%	38.3%	48.5%	55.2%	54.7%	45.9%	1
AN-SS-10-070928	42.8%	46.8%	50.8%	38.4%	44.5%	55.2%	52.0%	43.7%	0
AN-SS-10-070928 MS	57.6%	56.8%	78.8%	56.8%	66.4%	75.7%	77.6%	64.3%	0
AN-SS-10-070928 MSD	52.8%	52.4%	64.8%	50.4%	55.7%	61.9%	63.5%	54.9%	0
AN-SS-11-070928	46.4%	46.8%	55.6%	42.0%	47.7%	56.3%	60.0%	48.3%	0
AN-SS-11-070928 DL	51.0%	50.0%	57.5%	44.5%	46.2%	54.6%	48.2%	49.9%	0
AN-SS-11-070928 RE	60.4%	64.0%	60.8%	56.8%	62.7%	49.1%	65.6%	61.1%	0
AN-SS-04	56.4%	57.2%	56.4%	47.6%	52.8%	63.5%	63.2%	55.2%	0
AN-SS-04 RE	56.4%	58.4%	54.4%	52.0%	56.3%	46.4%	59.2%	55.7%	0
AN-SS-05	50.4%	48.8%	68.4%	45.2%	52.3%	62.9%	63.2%	53.9%	0
AN-SS-05 RE	57.2%	56.8%	63.2%	51.2%	56.5%	45.1%	71.5%	55.5%	0
AN-SS-06	54.0%	57.6%	60.4%	48.0%	51.7%	64.3%	60.0%	54.1%	0
AN-SS-06 RE	55.6%	59.6%	54.8%	52.8%	56.3%	46.4%	61.6%	55.7%	0
AN-SS-08	55.2%	53.6%	71.2%	46.4%	56.3%	67.7%	72.5%	57.3%	0
AN-SS-08 RE	60.8%	63.2%	105%*	59.2%	65.3%	51.7%	71.5%	63.7%	1
AN-SS-09	50.0%	49.6%	60.4%	45.2%	53.1%	60.8%	65.1%	53.9%	0
AN-SS-09 RE	58.8%	59.2%	59.6%	54.0%	57.1%	42.4%	60.5%	57.3%	0
MB-102707	73.2%	72.4%	83.2%	68.8%	74.4%	62.9%	72.5%	73.1%	0
LCS-102707	60.4%	60.4%	72.4%	56.0%	64.3%	53.3%	65.1%	62.7%	0
LCSD-102707	58.0%	58.4%	69.6%	53.2%	61.9%	49.9%	64.3%	61.1%	0
AN-SS-10-070928	33.0%	33.2%*	34.0%	30.2%	32.3%	27.2%	34.1%	32.8%	1
AN-SS-10-070928 MS	56.4%	58.8%	58.4%	52.8%	60.5%	46.9%	58.9%	59.2%	0
AN-SS-10-070928 MSD	60.8%	63.2%	61.6%	58.0%	64.0%	49.6%	63.2%	63.2%	0

	LCS/MB LIMITS	QC LIMITS
(NBZ) = d5-Nitrobenzene	(42-79)	(26-88)
(FBP) = 2-Fluorobiphenyl	(43-80)	(34-91)
(TPH) = d14-p-Terphenyl	(39-105)	(22-100)
(DCB) = d4-1,2-Dichlorobenzene	(38-79)	(24-90)
(PHL) = d5-Phenol	(42-82)	(25-86)
(2FP) = 2-Fluorophenol	(26-83)	(11-84)
(TBP) = 2,4,6-Tribromophenol	(41-94)	(25-107)
(2CP) = d4-2-Chlorophenol	(43-80)	(23-91)

Prep Method: SW3550B
Log Number Range: 07-20766 to 07-23292

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 1 of 1 MS/MSD

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted MS/MSD: 10/10/07

Sample Amount MS: 50.3 g-dry-wt
MSD: 50.3 g-dry-wt

Date Analyzed MS: 10/18/07 17:29
MSD: 10/18/07 18:03

Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL

Instrument/Analyst MS: NT6/LJR
MSD: NT6/LJR

Dilution Factor MS: 1.00
MSD: 1.00

GPC Cleanup: YES

Percent Moisture: 22.7 %

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Phenol	31.0	339	497	62.0%	285	497	51.1%	17.3%
1,3-Dichlorobenzene	< 19.9	264	497	53.1%	247	497	49.7%	6.7%
1,4-Dichlorobenzene	< 19.9	253	497	50.9%	242	497	48.7%	4.4%
Benzyl Alcohol	< 19.9	759	994	76.4%	611	994	61.5%	21.6%
1,2-Dichlorobenzene	< 19.9	268	497	53.9%	243	497	48.9%	9.8%
2-Methylphenol	< 19.9	343	497	69.0%	285	497	57.3%	18.5%
4-Methylphenol	< 19.9	761	994	76.6%	607	994	61.1%	22.5%
Hexachloroethane	< 19.9	246	497	49.5%	231	497	46.5%	6.3%
2,4-Dimethylphenol	< 19.9	295	497	59.4%	252	497	50.7%	15.7%
Benzoic Acid	< 199	684	1490	45.9%	309	1490	20.7%	75.5%
1,2,4-Trichlorobenzene	< 10.0	267	497	53.7%	245	497	49.3%	8.6%
Naphthalene	< 19.9	289	497	58.1%	260	497	52.3%	10.6%
Hexachlorobutadiene	< 19.9	252	497	50.7%	238	497	47.9%	5.7%
2-Methylnaphthalene	< 19.9	325	497	65.4%	281	497	56.5%	14.5%
Dimethylphthalate	< 19.9	331	497	66.6%	291	497	58.6%	12.9%
Acenaphthylene	< 19.9	296	497	59.6%	256	497	51.5%	14.5%
Acenaphthene	< 19.9	298	497	60.0%	261	497	52.5%	13.2%
Dibenzofuran	< 19.9	328	497	66.0%	283	497	56.9%	14.7%
Diethylphthalate	< 19.9	349	497	70.2%	300	497	60.4%	15.1%
Fluorene	< 19.9	322	497	64.8%	275	497	55.3%	15.7%
N-Nitrosodiphenylamine	< 19.9	361	497	72.6%	295	497	59.4%	20.1%
Hexachlorobenzene	< 10.0	299	497	60.2%	255	497	51.3%	15.9%
Pentachlorophenol	< 99.4	283	497	56.9%	191	497	38.4%	38.8%
Phenanthrene	< 19.9	355	497	71.4%	298	497	60.0%	17.5%
Anthracene	< 19.9	286	497	57.5%	233	497	46.9%	20.4%
Di-n-Butylphthalate	< 19.9	375	497	75.5%	318	497	64.0%	16.5%
Fluoranthene	33.8	418	497	77.3%	385	497	70.7%	8.2%
Pyrene	23.7	408	497	77.3%	354	497	66.5%	14.2%
Butylbenzylphthalate	< 19.9	353	497	71.0%	301	497	60.6%	15.9%
Benzo(a)anthracene	< 19.9	313	497	63.0%	268	497	53.9%	15.5%
bis(2-Ethylhexyl)phthalate	28.6	395	497	73.7%	328	497	60.2%	18.5%
Chrysene	< 19.9	342	497	68.8%	293	497	59.0%	15.4%
Di-n-Octyl phthalate	< 19.9	344	497	69.2%	296	497	59.6%	15.0%
Benzo(b)fluoranthene	< 19.9	374	497	75.3%	347	497	69.8%	7.5%
Benzo(k)fluoranthene	< 19.9	407	497	81.9%	349	497	70.2%	15.3%
Benzo(a)pyrene	< 19.9	349	497	70.2%	297	497	59.8%	16.1%
Indeno(1,2,3-cd)pyrene	< 19.9	207	497	41.6%	165	497	33.2%	22.6%
Dibenz(a,h)anthracene	< 19.9	221	497	44.5%	181	497	36.4%	19.9%
Benzo(g,h,i)perylene	< 19.9	125	497	25.2%	95.3	497	19.2%	27.0%
1-Methylnaphthalene	< 19.9	326	497	65.6%	283	497	56.9%	14.1%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 1 of 2 **MATRIX SPIKE**

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 17:29
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
541-73-1	1,3-Dichlorobenzene	20	---
106-46-7	1,4-Dichlorobenzene	20	---
100-51-6	Benzyl Alcohol	20	---
95-50-1	1,2-Dichlorobenzene	20	---
95-48-7	2-Methylphenol	20	---
106-44-5	4-Methylphenol	20	---
67-72-1	Hexachloroethane	20	---
105-67-9	2,4-Dimethylphenol	20	---
65-85-0	Benzoic Acid	200	---
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	---
87-68-3	Hexachlorobutadiene	20	---
91-57-6	2-Methylnaphthalene	20	---
131-11-3	Dimethylphthalate	20	---
208-96-8	Acenaphthylene	20	---
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	---
84-66-2	Diethylphthalate	20	---
86-73-7	Fluorene	20	---
86-30-6	N-Nitrosodiphenylamine	20	---
118-74-1	Hexachlorobenzene	20	---
87-86-5	Pentachlorophenol	99	---
85-01-8	Phenanthrene	20	---
120-12-7	Anthracene	20	---
84-74-2	Di-n-Butylphthalate	20	---
206-44-0	Fluoranthene	20	---
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	---
56-55-3	Benzo(a)anthracene	20	---
117-81-7	bis(2-Ethylhexyl)phthalate	20	---
218-01-9	Chrysene	20	---
117-84-0	Di-n-Octyl phthalate	20	---
205-99-2	Benzo(b)fluoranthene	20	---
207-08-9	Benzo(k)fluoranthene	20	---
50-32-8	Benzo(a)pyrene	20	---
193-39-5	Indeno(1,2,3-cd)pyrene	20	---
53-70-3	Dibenz(a,h)anthracene	20	---
191-24-2	Benzo(g,h,i)perylene	20	---

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 2 of 2 **MATRIX SPIKE**

Lab Sample ID: LR71E QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20770 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 17:29

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.6%	2-Fluorobiphenyl	56.8%
d14-p-Terphenyl	78.8%	d4-1,2-Dichlorobenzene	56.8%
d5-Phenol	66.4%	2-Fluorophenol	75.7%
2,4,6-Tribromophenol	77.6%	d4-2-Chlorophenol	64.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-10-070928
MATRIX SPIKE DUPLICATE

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 18:03
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
541-73-1	1,3-Dichlorobenzene	20	---
106-46-7	1,4-Dichlorobenzene	20	---
100-51-6	Benzyl Alcohol	20	---
95-50-1	1,2-Dichlorobenzene	20	---
95-48-7	2-Methylphenol	20	---
106-44-5	4-Methylphenol	20	---
67-72-1	Hexachloroethane	20	---
105-67-9	2,4-Dimethylphenol	20	---
65-85-0	Benzoic Acid	200	---
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	---
87-68-3	Hexachlorobutadiene	20	---
91-57-6	2-Methylnaphthalene	20	---
131-11-3	Dimethylphthalate	20	---
208-96-8	Acenaphthylene	20	---
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	---
84-66-2	Diethylphthalate	20	---
86-73-7	Fluorene	20	---
86-30-6	N-Nitrosodiphenylamine	20	---
118-74-1	Hexachlorobenzene	20	---
87-86-5	Pentachlorophenol	99	---
85-01-8	Phenanthrene	20	---
120-12-7	Anthracene	20	---
84-74-2	Di-n-Butylphthalate	20	---
206-44-0	Fluoranthene	20	---
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	---
56-55-3	Benzo(a)anthracene	20	---
117-81-7	bis(2-Ethylhexyl)phthalate	20	---
218-01-9	Chrysene	20	---
117-84-0	Di-n-Octyl phthalate	20	---
205-99-2	Benzo(b)fluoranthene	20	---
207-08-9	Benzo(k)fluoranthene	20	---
50-32-8	Benzo(a)pyrene	20	---
193-39-5	Indeno(1,2,3-cd)pyrene	20	---
53-70-3	Dibenz(a,h)anthracene	20	---
191-24-2	Benzo(g,h,i)perylene	20	---

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 2 of 2 **MATRIX SPIKE DUPLICATE**

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Date Analyzed: 10/18/07 18:03

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	52.8%	2-Fluorobiphenyl	52.4%
d14-p-Terphenyl	64.8%	d4-1,2-Dichlorobenzene	50.4%
d5-Phenol	55.7%	2-Fluorophenol	61.9%
2,4,6-Tribromophenol	63.5%	d4-2-Chlorophenol	54.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 1

Sample ID: AN-SS-10-070928
MS/MSD

Lab Sample ID: LR71E
LIMS ID: 07-23292
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted MS/MSD: 10/27/07

Sample Amount MS: 50.8 g-dry-wt
MSD: 50.9 g-dry-wt

Date Analyzed MS: 11/01/07 19:16
MSD: 11/01/07 19:47

Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL

Instrument/Analyst MS: NT4/LJR
MSD: NT4/LJR

Dilution Factor MS: 1.00
MSD: 1.00

GPC Cleanup: YES

Percent Moisture: 22.7 %

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Phenol	73.6	473	492	81.2%	483	491	83.4%	2.1%
1,3-Dichlorobenzene	< 19.7	263	492	53.5%	283	491	57.6%	7.3%
1,4-Dichlorobenzene	< 19.7	268	492	54.5%	283	491	57.6%	5.4%
Benzyl Alcohol	< 19.7	617	984	62.7%	650	983	66.1%	5.2%
1,2-Dichlorobenzene	< 19.7	276	492	56.1%	293	491	59.7%	6.0%
2-Methylphenol	< 19.7	322	492	65.4%	344	491	70.1%	6.6%
4-Methylphenol	24.5	709	984	69.6%	730	983	71.8%	2.9%
Hexachloroethane	< 19.7	231	492	47.0%	246	491	50.1%	6.3%
2,4-Dimethylphenol	< 19.7	290	492	58.9%	307	491	62.5%	5.7%
Benzoic Acid	< 197	892	1480	60.3%	977	1470	66.5%	9.1%
1,2,4-Trichlorobenzene	< 19.7	270	492	54.9%	291	491	59.3%	7.5%
Naphthalene	< 19.7	304	492	61.8%	320	491	65.2%	5.1%
Hexachlorobutadiene	< 19.7	264	492	53.7%	282	491	57.4%	6.6%
2-Methylnaphthalene	< 19.7	308	492	62.6%	327	491	66.6%	6.0%
Dimethylphthalate	< 19.7	277	492	56.3%	299	491	60.9%	7.6%
Acenaphthylene	< 19.7	304	492	61.8%	308	491	62.7%	1.3%
Acenaphthene	< 19.7	281	492	57.1%	301	491	61.3%	6.9%
Dibenzofuran	< 19.7	306	492	62.2%	327	491	66.6%	6.6%
Diethylphthalate	< 19.7	306	492	62.2%	314	491	64.0%	2.6%
Fluorene	< 19.7	298	492	60.6%	317	491	64.6%	6.2%
N-Nitrosodiphenylamine	< 19.7	426	492	86.6%	447	491	91.0%	4.8%
Hexachlorobenzene	< 19.7	322	492	65.4%	336	491	68.4%	4.3%
Pentachlorophenol	< 98.7	348	492	70.7%	383	491	78.0%	9.6%
Phenanthrene	27.4	390	492	73.7%	394	491	74.7%	1.0%
Anthracene	< 19.7	326	492	66.3%	329	491	67.0%	0.9%
Di-n-Butylphthalate	< 19.7	347	492	70.5%	384	491	78.2%	10.1%
Fluoranthene	40.9	419	492	76.8%	426	491	78.4%	1.7%
Pyrene	30.8	369	492	68.7%	364	491	67.9%	1.4%
Butylbenzylphthalate	< 19.7	329	492	66.9%	348	491	70.9%	5.6%
Benzo(a)anthracene	< 19.7	346	492	70.3%	343	491	69.9%	0.9%
bis(2-Ethylhexyl)phthalate	19.9	423 B	492	81.9%	395 B	491	76.4%	6.8%
Chrysene	< 19.7	355	492	72.2%	354	491	72.1%	0.3%
Di-n-Octyl phthalate	< 19.7	354	492	72.0%	376	491	76.6%	6.0%
Benzo(b)fluoranthene	< 19.7	366	492	74.4%	370	491	75.4%	1.1%
Benzo(k)fluoranthene	< 19.7	330	492	67.1%	351	491	71.5%	6.2%
Benzo(a)pyrene	< 19.7	322	492	65.4%	331	491	67.4%	2.8%
Indeno(1,2,3-cd)pyrene	< 19.7	334	492	67.9%	337	491	68.6%	0.9%
Dibenz(a,h)anthracene	< 19.7	359	492	73.0%	363	491	73.9%	1.1%
Benzo(g,h,i)perylene	< 19.7	214	492	43.5%	212	491	43.2%	0.9%
1-Methylnaphthalene	< 19.7	305	492	62.0%	330	491	67.2%	7.9%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
 MATRIX SPIKE

Lab Sample ID: LR71E
LIMS ID: 07-23292
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 19:16
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
541-73-1	1,3-Dichlorobenzene	20	---
106-46-7	1,4-Dichlorobenzene	20	---
100-51-6	Benzyl Alcohol	20	---
95-50-1	1,2-Dichlorobenzene	20	---
95-48-7	2-Methylphenol	20	---
106-44-5	4-Methylphenol	20	---
67-72-1	Hexachloroethane	20	---
105-67-9	2,4-Dimethylphenol	20	---
65-85-0	Benzoic Acid	200	---
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	---
87-68-3	Hexachlorobutadiene	20	---
91-57-6	2-Methylnaphthalene	20	---
131-11-3	Dimethylphthalate	20	---
208-96-8	Acenaphthylene	20	---
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	---
84-66-2	Diethylphthalate	20	---
86-73-7	Fluorene	20	---
86-30-6	N-Nitrosodiphenylamine	20	---
118-74-1	Hexachlorobenzene	20	---
87-86-5	Pentachlorophenol	98	---
85-01-8	Phenanthrene	20	---
120-12-7	Anthracene	20	---
84-74-2	Di-n-Butylphthalate	20	---
206-44-0	Fluoranthene	20	---
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	---
56-55-3	Benzo(a)anthracene	20	---
117-81-7	bis(2-Ethylhexyl)phthalate	20	---
218-01-9	Chrysene	20	---
117-84-0	Di-n-Octyl phthalate	20	---
205-99-2	Benzo(b)fluoranthene	20	---
207-08-9	Benzo(k)fluoranthene	20	---
50-32-8	Benzo(a)pyrene	20	---
193-39-5	Indeno(1,2,3-cd)pyrene	20	---
53-70-3	Dibenz(a,h)anthracene	20	---
191-24-2	Benzo(g,h,i)perylene	20	---

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 2 of 2 **MATRIX SPIKE**

Lab Sample ID: LR71E QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-23292 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 19:16

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.4%	2-Fluorobiphenyl	58.8%
d14-p-Terphenyl	58.4%	d4-1,2-Dichlorobenzene	52.8%
d5-Phenol	60.5%	2-Fluorophenol	46.9%
2,4,6-Tribromophenol	58.9%	d4-2-Chlorophenol	59.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
 MATRIX SPIKE DUPLICATE

Lab Sample ID: LR71E
LIMS ID: 07-23292
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 19:47
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.9 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	---
541-73-1	1,3-Dichlorobenzene	20	---
106-46-7	1,4-Dichlorobenzene	20	---
100-51-6	Benzyl Alcohol	20	---
95-50-1	1,2-Dichlorobenzene	20	---
95-48-7	2-Methylphenol	20	---
106-44-5	4-Methylphenol	20	---
67-72-1	Hexachloroethane	20	---
105-67-9	2,4-Dimethylphenol	20	---
65-85-0	Benzoic Acid	200	---
120-82-1	1,2,4-Trichlorobenzene	20	---
91-20-3	Naphthalene	20	---
87-68-3	Hexachlorobutadiene	20	---
91-57-6	2-Methylnaphthalene	20	---
131-11-3	Dimethylphthalate	20	---
208-96-8	Acenaphthylene	20	---
83-32-9	Acenaphthene	20	---
132-64-9	Dibenzofuran	20	---
84-66-2	Diethylphthalate	20	---
86-73-7	Fluorene	20	---
86-30-6	N-Nitrosodiphenylamine	20	---
118-74-1	Hexachlorobenzene	20	---
87-86-5	Pentachlorophenol	98	---
85-01-8	Phenanthrene	20	---
120-12-7	Anthracene	20	---
84-74-2	Di-n-Butylphthalate	20	---
206-44-0	Fluoranthene	20	---
129-00-0	Pyrene	20	---
85-68-7	Butylbenzylphthalate	20	---
56-55-3	Benzo(a)anthracene	20	---
117-81-7	bis(2-Ethylhexyl)phthalate	20	---
218-01-9	Chrysene	20	---
117-84-0	Di-n-Octyl phthalate	20	---
205-99-2	Benzo(b)fluoranthene	20	---
207-08-9	Benzo(k)fluoranthene	20	---
50-32-8	Benzo(a)pyrene	20	---
193-39-5	Indeno(1,2,3-cd)pyrene	20	---
53-70-3	Dibenz(a,h)anthracene	20	---
191-24-2	Benzo(g,h,i)perylene	20	---

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 2 of 2 **MATRIX SPIKE DUPLICATE**

Lab Sample ID: LR71E QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-23292 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 19:47

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	---

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.8%	2-Fluorobiphenyl	63.2%
d14-p-Terphenyl	61.6%	d4-1,2-Dichlorobenzene	58.0%
d5-Phenol	64.0%	2-Fluorophenol	49.6%
2,4,6-Tribromophenol	63.2%	d4-2-Chlorophenol	63.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: LCS-101007
LAB CONTROL

Lab Sample ID: LCS-101007
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 11:15
Instrument/Analyst: NT6/LJR
GPC Cleanup: YES

Sample Amount: 50.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Phenol	232	500	46.4%
1,3-Dichlorobenzene	206	500	41.2%
1,4-Dichlorobenzene	204	500	40.8%
Benzyl Alcohol	473	1000	47.3%
1,2-Dichlorobenzene	211	500	42.2%
2-Methylphenol	246	500	49.2%
4-Methylphenol	514	1000	51.4%
Hexachloroethane	199	500	39.8%
2,4-Dimethylphenol	137	500	27.4%
Benzoic Acid	828	1500	55.2%
1,2,4-Trichlorobenzene	200	500	40.0%
Naphthalene	213	500	42.6%
Hexachlorobutadiene	195	500	39.0%
2-Methylnaphthalene	234	500	46.8%
Dimethylphthalate	259	500	51.8%
Acenaphthylene	217	500	43.4%
Acenaphthene	220	500	44.0%
Dibenzofuran	241	500	48.2%
Diethylphthalate	269	500	53.8%
Fluorene	234	500	46.8%
N-Nitrosodiphenylamine	269	500	53.8%
Hexachlorobenzene	222	500	44.4%
Pentachlorophenol	238	500	47.6%
Phenanthrene	245	500	49.0%
Anthracene	219	500	43.8%
Di-n-Butylphthalate	280	500	56.0%
Fluoranthene	261	500	52.2%
Pyrene	266	500	53.2%
Butylbenzylphthalate	273	500	54.6%
Benzo(a)anthracene	233	500	46.6%
bis(2-Ethylhexyl)phthalate	283	500	56.6%
Chrysene	248	500	49.6%
Di-n-Octyl phthalate	271	500	54.2%
Benzo(b)fluoranthene	281	500	56.2%
Benzo(k)fluoranthene	294	500	58.8%
Benzo(a)pyrene	244	500	48.8%
Indeno(1,2,3-cd)pyrene	252	500	50.4%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: LCS-101007**
 LAB CONTROL

Lab Sample ID: LCS-101007 QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20770 Project: Kimberly Clark Anacortes
Matrix: Sediment
Date Analyzed: 10/18/07 11:15

Analyte	Lab Control	Spike Added	Recovery
Dibenz(a,h)anthracene	256	500	51.2%
Benzo(g,h,i)perylene	158	500	31.6%
1-Methylnaphthalene	235	500	47.0%

Semivolatile Surrogate Recovery	
d5-Nitrobenzene	42.4%
2-Fluorobiphenyl	39.4%
d14-p-Terphenyl	57.2%
d4-1,2-Dichlorobenzene	38.3%
d5-Phenol	48.5%
2-Fluorophenol	55.2%
2,4,6-Tribromophenol	54.7%
d4-2-Chlorophenol	45.9%

Results reported in µg/kg

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: LCS-102707
LCS/LCSD

Lab Sample ID: LCS-102707
LIMS ID: 07-23292
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted LCS/LCSD: 10/27/07

Date Analyzed LCS: 11/01/07 15:37
LCSD: 11/01/07 16:08
Instrument/Analyst LCS: NT4/LJR
LCSD: NT4/LJR
GPC Cleanup: YES

Sample Amount LCS: 50.0 g
LCSD: 50.0 g
Final Extract Volume LCS: 1.0 mL
LCSD: 1.0 mL
Dilution Factor LCS: 1.00
LCSD: 1.00
Percent Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Phenol	359	500	71.8%	344	500	68.8%	4.3%
1,3-Dichlorobenzene	291	500	58.2%	282	500	56.4%	3.1%
1,4-Dichlorobenzene	293	500	58.6%	285	500	57.0%	2.8%
Benzyl Alcohol	665	1000	66.5%	625	1000	62.5%	6.2%
1,2-Dichlorobenzene	302	500	60.4%	292	500	58.4%	3.4%
2-Methylphenol	325	500	65.0%	320	500	64.0%	1.6%
4-Methylphenol	722	1000	72.2%	697	1000	69.7%	3.5%
Hexachloroethane	296	500	59.2%	285	500	57.0%	3.8%
2,4-Dimethylphenol	256	500	51.2%	249	500	49.8%	2.8%
Benzoic Acid	1080	1500	72.0%	1040	1500	69.3%	3.8%
1,2,4-Trichlorobenzene	295	500	59.0%	282	500	56.4%	4.5%
Naphthalene	314	500	62.8%	300	500	60.0%	4.6%
Hexachlorobutadiene	284	500	56.8%	276	500	55.2%	2.9%
2-Methylnaphthalene	324	500	64.8%	306	500	61.2%	5.7%
Dimethylphthalate	339	500	67.8%	321	500	64.2%	5.5%
Acenaphthylene	343	500	68.6%	320	500	64.0%	6.9%
Acenaphthene	312	500	62.4%	299	500	59.8%	4.3%
Dibenzofuran	340	500	68.0%	325	500	65.0%	4.5%
Diethylphthalate	343	500	68.6%	325	500	65.0%	5.4%
Fluorene	336	500	67.2%	318	500	63.6%	5.5%
N-Nitrosodiphenylamine	469	500	93.8%	447	500	89.4%	4.8%
Hexachlorobenzene	326	500	65.2%	317	500	63.4%	2.8%
Pentachlorophenol	362	500	72.4%	339	500	67.8%	6.6%
Phenanthrene	354	500	70.8%	336	500	67.2%	5.2%
Anthracene	334	500	66.8%	323	500	64.6%	3.3%
Di-n-Butylphthalate	363	500	72.6%	349	500	69.8%	3.9%
Fluoranthene	335	500	67.0%	327	500	65.4%	2.4%
Pyrene	387	500	77.4%	368	500	73.6%	5.0%
Butylbenzylphthalate	401	500	80.2%	382	500	76.4%	4.9%
Benzo(a)anthracene	352	500	70.4%	337	500	67.4%	4.4%
bis(2-Ethylhexyl)phthalate	407	500	81.4%	392	500	78.4%	3.8%
Chrysene	358	500	71.6%	343	500	68.6%	4.3%
Di-n-Octyl phthalate	383	500	76.6%	361	500	72.2%	5.9%
Benzo(b)fluoranthene	388	500	77.6%	357	500	71.4%	8.3%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: LCSD-102707**
 LCS/LCSD

Lab Sample ID: LCS-102707 QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-23292 Project: Kimberly Clark Anacortes
Matrix: Sediment
Date Analyzed LCS: 11/01/07 15:37
LCSD: 11/01/07 16:08

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Benzo(k)fluoranthene	343	500	68.6%	347	500	69.4%	1.2%
Benzo(a)pyrene	357	500	71.4%	349	500	69.8%	2.3%
Indeno(1,2,3-cd)pyrene	422	500	84.4%	344	500	68.8%	20.4%
Dibenz(a,h)anthracene	437	500	87.4%	417	500	83.4%	4.7%
Benzo(g,h,i)perylene	278	500	55.6%	267	500	53.4%	4.0%
1-Methylnaphthalene	321	500	64.2%	306	500	61.2%	4.8%

Semivolatile Surrogate Recovery

	LCS	LCSD
d5-Nitrobenzene	60.4%	58.0%
2-Fluorobiphenyl	60.4%	58.4%
d14-p-Terphenyl	72.4%	69.6%
d4-1,2-Dichlorobenzene	56.0%	53.2%
d5-Phenol	64.3%	61.9%
2-Fluorophenol	53.3%	49.9%
2,4,6-Tribromophenol	65.1%	64.3%
d4-2-Chlorophenol	62.7%	61.1%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

LR71MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Lab File ID: LR71MB Date Extracted: 10/10/07

Instrument ID: NT6 Date Analyzed: 10/18/07

Matrix: SOLID Time Analyzed: 1042

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LR71LCSS1	LR71LCSS1	LR71SB	10/18/07
02	AN-SS-01-070927	LR71A	LR71A	10/18/07
03	AN-SS-02-070927	LR71B	LR71B	10/18/07
04	AN-SS-03-070928	LR71C	LR71C	10/18/07
05	AN-SS-07-070928	LR71D	LR71D	10/18/07
06	AN-SS-10-070928	LR71E	LR71E	10/18/07
07	AN-SS-10-070928	LR71EMS	LR71EMS	10/18/07
08	AN-SS-10-070928	LR71EMSD	LR71EMD	10/18/07
09	AN-SS-11-070928	LR71F	LR71F	10/18/07
10	AN-SS-04	LR71H	LR71H	10/18/07
11	AN-SS-05	LR71I	LR71I	10/18/07
12	AN-SS-06	LR71J	LR71J	10/18/07
13	AN-SS-08	LR71K	LR71K	10/18/07
14	AN-SS-09	LR71L	LR71L	10/18/07
15	AN-SS-11-070928	LR71F	LR71FDL	10/19/07
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COMMENTS:

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: MB-101007
METHOD BLANK

Lab Sample ID: MB-101007
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: NA
Date Received: NA

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 10:42
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: MB-101007**
 METHOD BLANK

Lab Sample ID: MB-101007 QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20770 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 10:42

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	44.4%	2-Fluorobiphenyl	39.4%
d14-p-Terphenyl	64.0%	d4-1,2-Dichlorobenzene	38.2%
d5-Phenol	49.1%	2-Fluorophenol	57.1%
2,4,6-Tribromophenol	52.0%	d4-2-Chlorophenol	46.9%

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

LR71MBS2

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Lab File ID: LU10MB Date Extracted: 10/27/07

Instrument ID: NT4 Date Analyzed: 11/01/07

Matrix: SOLID Time Analyzed: 1506

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LR71LCSS2	LR71LCSS2	LU10SB	11/01/07
02	LR71LCSDS2	LR71LCSDS2	LU10SBD	11/01/07
03	AN-SS-01-070927	LR71ARE	LR71A2	11/01/07
04	AN-SS-02-070927	LR71BRE	LR71B2	11/01/07
05	AN-SS-03-070928	LR71CRE	LR71C2	11/01/07
06	AN-SS-07-070928	LR71DRE	LR71D2	11/01/07
07	AN-SS-10-070928	LR71ERE	LR71E2	11/01/07
08	AN-SS-10-070928	LR71EMSRE	LR71EMS2	11/01/07
09	AN-SS-10-070928	LR71EMSDRE	LR71EMD2	11/01/07
10	AN-SS-11-070928	LR71FRE	LR71F2	11/01/07
11	AN-SS-04	LR71HRE	LR71H2	11/01/07
12	AN-SS-05	LR71IRE	LR71I2	11/01/07
13	AN-SS-06	LR71JRE	LR71J2	11/01/07
14	AN-SS-08	LR71KRE	LR71K2	11/01/07
15	AN-SS-09	LR71LRE	LR71L2	11/01/07
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COMMENTS:

FORM IV SV

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: MB-102707**
 METHOD BLANK

Lab Sample ID: MB-102707
LIMS ID: 07-23292
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: NA
Date Received: NA

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 15:06
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: NA

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	Fluoranthene	20	< 20 U
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**22**
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

Lab Sample ID: MB-102707 QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-23292 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 15:06

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	73.2%	2-Fluorobiphenyl	72.4%
d14-p-Terphenyl	83.2%	d4-1,2-Dichlorobenzene	68.8%
d5-Phenol	74.4%	2-Fluorophenol	62.9%
2,4,6-Tribromophenol	72.5%	d4-2-Chlorophenol	73.1%

PCB

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: AN-SS-01-070927
SAMPLE

Lab Sample ID: LR71A
LIMS ID: 07-20766
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 09:47
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 51.5%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	**Aroclor 1254**	**4.0**	**8.6**
11096-82-5	Aroclor 1260	4.0	< 4.0 U
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	106%
Tetrachlorometaxylene	82.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: AN-SS-02-070927
SAMPLE

Lab Sample ID: LR71B
LIMS ID: 07-20767
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 12:21
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 50.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**12**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	76.0%
Tetrachlorometaxylene	87.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: AN-SS-03-070928
SAMPLE

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 12:39
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 33.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	87.8%
Tetrachlorometaxylene	72.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: AN-SS-07-070928
SAMPLE

Lab Sample ID: LR71D
LIMS ID: 07-20769
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 13:30
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 28.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	7.8	< 7.8 Y
11097-69-1	**Aroclor 1254**	**3.9**	**39**
11096-82-5	**Aroclor 1260**	**3.9**	**34**
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	102%
Tetrachlorometaxylene	80.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
Page 1 of 1

Sample ID: AN-SS-10-070928
SAMPLE

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 13:47
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**210 E**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	94.5%
Tetrachlorometaxylene	101%

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PSDDA PCB by GC/ECD
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Sample ID: AN-SS-10-070928
DILUTION

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 17:30
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: No

Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	39	< 39 U
53469-21-9	Aroclor 1242	39	< 39 U
12672-29-6	Aroclor 1248	39	< 39 U
11097-69-1	**Aroclor 1254**	**39**	**230**
11096-82-5	Aroclor 1260	39	< 39 U
11104-28-2	Aroclor 1221	39	< 39 U
11141-16-5	Aroclor 1232	39	< 39 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	118%
Tetrachlorometaxylene	110%

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Sample ID: AN-SS-11-070928
SAMPLE

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 14:04
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 32.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	39	< 39 Y
11097-69-1	**Aroclor 1254**	**3.9**	**220 E**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	91.2%
Tetrachlorometaxylene	79.8%

ANALYTICAL RESOURCES INCORPORATED

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PSDDA PCB by GC/ECD
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Sample ID: AN-SS-11-070928
DILUTION

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 17:47
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.5 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: No

Percent Moisture: 32.9%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	39	< 39 U
53469-21-9	Aroclor 1242	39	< 39 U
12672-29-6	Aroclor 1248	39	< 39 U
11097-69-1	**Aroclor 1254**	**39**	**220**
11096-82-5	Aroclor 1260	39	< 39 U
11104-28-2	Aroclor 1221	39	< 39 U
11141-16-5	Aroclor 1232	39	< 39 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	121%
Tetrachlorometaxylene	85.5%

ANALYTICAL RESOURCES INCORPORATED

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PSDDA PCB by GC/ECD
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Sample ID: AN-SS-04
SAMPLE

Lab Sample ID: LR71H
LIMS ID: 07-20773
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 14:21
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	47	< 47 Y
11097-69-1	**Aroclor 1254**	**3.9**	**190 E**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	86.0%
Tetrachlorometaxylene	77.0%

ANALYTICAL RESOURCES INCORPORATED

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PSDDA PCB by GC/ECD
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Sample ID: AN-SS-04
DILUTION

Lab Sample ID: LR71H
LIMS ID: 07-20773
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 18:04
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 10.0
Silica Gel: No

Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	39	< 39 U
53469-21-9	Aroclor 1242	39	< 39 U
12672-29-6	Aroclor 1248	79	< 79 Y
11097-69-1	**Aroclor 1254**	**39**	**180**
11096-82-5	Aroclor 1260	39	< 39 U
11104-28-2	Aroclor 1221	39	< 39 U
11141-16-5	Aroclor 1232	39	< 39 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	107%
Tetrachlorometaxylene	85.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
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Sample ID: AN-SS-05
SAMPLE

Lab Sample ID: LR71I
LIMS ID: 07-20774
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 14:39
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 48.3%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	94.5%
Tetrachlorometaxylene	88.5%

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PSDDA PCB by GC/ECD
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Sample ID: AN-SS-06
SAMPLE

Lab Sample ID: LR71J
LIMS ID: 07-20775
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 14:56
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 22.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	< 3.9 U
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	**Aroclor 1254**	**3.9**	**46 E**
11096-82-5	Aroclor 1260	3.9	< 3.9 U
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	91.2%
Tetrachlorometaxylene	76.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: AN-SS-06
DILUTION

Lab Sample ID: LR71J
LIMS ID: 07-20775
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 18:22
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Silica Gel: No

Percent Moisture: 22.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	12	< 12 U
53469-21-9	Aroclor 1242	12	< 12 U
12672-29-6	Aroclor 1248	12	< 12 U
11097-69-1	**Aroclor 1254**	**12**	**45**
11096-82-5	Aroclor 1260	12	< 12 U
11104-28-2	Aroclor 1221	12	< 12 U
11141-16-5	Aroclor 1232	12	< 12 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	95.2%
Tetrachlorometaxylene	88.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: AN-SS-08
SAMPLE

Lab Sample ID: LR71K
LIMS ID: 07-20776
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/18/07 09:53
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 0.61 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 41.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	82	< 82 U
53469-21-9	Aroclor 1242	82	< 82 U
12672-29-6	Aroclor 1248	82	< 82 U
11097-69-1	**Aroclor 1254**	**82**	**100**
11096-82-5	Aroclor 1260	82	< 82 U
11104-28-2	Aroclor 1221	82	< 82 U
11141-16-5	Aroclor 1232	82	< 82 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	98.8%
Tetrachlorometaxylene	76.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: AN-SS-09
SAMPLE

Lab Sample ID: LR71L
LIMS ID: 07-20777
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/18/07 10:10
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 0.71 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 34.1%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	70	< 70 U
53469-21-9	Aroclor 1242	70	< 70 U
12672-29-6	Aroclor 1248	70	< 70 U
11097-69-1	**Aroclor 1254**	**70**	**99**
11096-82-5	Aroclor 1260	70	< 70 U
11104-28-2	Aroclor 1221	70	< 70 U
11141-16-5	Aroclor 1232	70	< 70 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	94.0%
Tetrachlorometaxylene	70.0%

ANALYTICAL RESOURCES INCORPORATED

SW8082/PCB SOLIDS SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Client ID	DCBP % REC	DCBP LCL-UCL	TCMX % REC	TCMX LCL-UCL	TOT OUT
AN-SS-01-070927	106%	32-155	82.0%	33-121	0
AN-SS-02-070927	76.0%	32-155	87.5%	33-121	0
MB-101107	95.8%	54-111	81.5%	37-110	0
LCS-101107	96.0%	54-111	82.5%	37-110	0
AN-SS-03-070928	87.8%	32-155	72.2%	33-121	0
AN-SS-03-070928 MS	99.0%	32-155	80.0%	33-121	0
AN-SS-03-070928 MSD	98.2%	32-155	78.8%	33-121	0
AN-SS-07-070928	102%	32-155	80.0%	33-121	0
AN-SS-10-070928	94.5%	32-155	101%	33-121	0
AN-SS-10-070928 DL	118%	32-155	110%	33-121	0
AN-SS-11-070928	91.2%	32-155	79.8%	33-121	0
AN-SS-11-070928 DL	121%	32-155	85.5%	33-121	0
AN-SS-04	86.0%	32-155	77.0%	33-121	0
AN-SS-04 DL	107%	32-155	85.5%	33-121	0
AN-SS-05	94.5%	32-155	88.5%	33-121	0
AN-SS-06	91.2%	32-155	76.2%	33-121	0
AN-SS-06 DL	95.2%	32-155	88.5%	33-121	0
AN-SS-08	98.8%	32-155	76.2%	33-121	0
AN-SS-09	94.0%	32-155	70.0%	33-121	0

Prep Method: SW3550B
Log Number Range: 07-20766 to 07-20777

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Sample ID: AN-SS-03-070928
MS/MSD

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted MS/MSD: 10/11/07

Sample Amount MS: 25.4 g-dry-wt
MSD: 25.4 g-dry-wt

Date Analyzed MS: 10/17/07 12:56
MSD: 10/17/07 13:13

Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL

Instrument/Analyst MS: ECD5/PK
MSD: ECD5/PK

Dilution Factor MS: 1.00
MSD: 1.00

GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Silica Gel: No

Percent Moisture: 33.2%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Aroclor 1016	< 3.9 U	14.7	19.7	74.6%	13.1	19.7	66.5%	11.5%
Aroclor 1260	< 3.9 U	14.9	19.7	75.6%	15.8	19.7	80.2%	5.9%

Results reported in µg/kg (ppb)
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: AN-SS-03-070928
MATRIX SPIKE

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 12:56
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 33.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	---
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	---
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	99.0%
Tetrachlorometaxylene	80.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD

Sample ID: AN-SS-03-070928
MATRIX SPIKE DUP

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 13:13
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: 33.2%

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	3.9	---
53469-21-9	Aroclor 1242	3.9	< 3.9 U
12672-29-6	Aroclor 1248	3.9	< 3.9 U
11097-69-1	Aroclor 1254	3.9	< 3.9 U
11096-82-5	Aroclor 1260	3.9	---
11104-28-2	Aroclor 1221	3.9	< 3.9 U
11141-16-5	Aroclor 1232	3.9	< 3.9 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery	
Decachlorobiphenyl	98.2%
Tetrachlorometaxylene	78.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA PCB by GC/ECD
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Sample ID: LCS-101107
LAB CONTROL

Lab Sample ID: LCS-101107
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: NA
Date Received: NA

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 09:30
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Aroclor 1016	14.2	20.0	71.0%
Aroclor 1260	15.8	20.0	79.0%

PCB Surrogate Recovery

Decachlorobiphenyl	96.0%
Tetrachlorometaxylene	82.5%

Results reported in µg/kg (ppb)

4

PCB METHOD BLANK SUMMARY

BLANK NO.

LR71MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No.: LR71 Project: KIMBERLY CLARK ANACO

Lab Sample ID: LR71MBS1 Lab File ID: 1017B003

Date Extracted: 10/11/07 Matrix: SOLID

Date Analyzed: 10/17/07 Instrument ID: ECD5

Time Analyzed: 0913 GC Columns: ZB5/ZB35

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED
01	LR71LCSS1	LR71LCSS1	10/17/07
02	AN-SS-01-070927	LR71A	10/17/07
03	AN-SS-02-070927	LR71B	10/17/07
04	AN-SS-03-070928	LR71C	10/17/07
05	AN-SS-03-070928 MS	LR71CMS	10/17/07
06	AN-SS-03-070928 MSD	LR71CMSD	10/17/07
07	AN-SS-07-070928	LR71D	10/17/07
08	AN-SS-10-070928	LR71E	10/17/07
09	AN-SS-11-070928	LR71F	10/17/07
10	AN-SS-04	LR71H	10/17/07
11	AN-SS-05	LR71I	10/17/07
12	AN-SS-06	LR71J	10/17/07
13	AN-SS-10-070928	LR71E	10/17/07
14	AN-SS-11-070928	LR71F	10/17/07
15	AN-SS-04	LR71H	10/17/07
16	AN-SS-06	LR71J	10/17/07
17	AN-SS-08	LR71K	10/18/07
18	AN-SS-09	LR71L	10/18/07

ALL RUNS ARE DUAL COLUMN

ANALYTICAL RESOURCES INCORPORATED

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Sample ID: MB-101107
METHOD BLANK

Lab Sample ID: MB-101107
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 10/19/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: NA
Date Received: NA

Date Extracted: 10/11/07
Date Analyzed: 10/17/07 09:13
Instrument/Analyst: ECD5/PK
GPC Cleanup: No
Sulfur Cleanup: Yes
Acid Cleanup: Yes
Florisil Cleanup: No

Sample Amount: 25.0 g
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Silica Gel: No

Percent Moisture: NA

CAS Number	Analyte	RL	Result
12674-11-2	Aroclor 1016	4.0	< 4.0 U
53469-21-9	Aroclor 1242	4.0	< 4.0 U
12672-29-6	Aroclor 1248	4.0	< 4.0 U
11097-69-1	Aroclor 1254	4.0	< 4.0 U
11096-82-5	Aroclor 1260	4.0	< 4.0 U
11104-28-2	Aroclor 1221	4.0	< 4.0 U
11141-16-5	Aroclor 1232	4.0	< 4.0 U

Reported in µg/kg (ppb)

PCB Surrogate Recovery

Decachlorobiphenyl	95.8%
Tetrachlorometaxylene	81.5%

TOTAL METALS

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: AN-SS-01-070927
SAMPLE

Lab Sample ID: LR71A
LIMS ID: 07-20766
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Percent Total Solids: 55.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/09/07	7440-36-0	Antimony	9	9	U
3050B	10/05/07	6010B	10/09/07	7440-38-2	Arsenic	9	9	U
3050B	10/05/07	6010B	10/09/07	**7440-43-9**	**Cadmium**	0.3	**0.9**	
3050B	10/05/07	6010B	10/09/07	**7440-47-3**	**Chromium**	0.9	**20.1**	
3050B	10/05/07	6010B	10/09/07	**7440-50-8**	**Copper**	0.3	**26.2**	
3050B	10/05/07	6010B	10/09/07	**7439-92-1**	**Lead**	3	**8**	
CLP	10/05/07	7471A	10/09/07	7439-97-6	Mercury	0.07	0.07	U
3050B	10/05/07	6010B	10/09/07	**7440-02-0**	**Nickel**	2	**14**	
3050B	10/05/07	6010B	10/09/07	7440-22-4	Silver	0.5	0.5	U
3050B	10/05/07	6010B	10/09/07	**7440-66-6**	**Zinc**	2	**45**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: AN-SS-01-070927
DUPLICATE

Lab Sample ID: LR71A
LIMS ID: 07-20766
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

MATRIX DUPLICATE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Duplicate	RPD	Control Limit	Q
Antimony	6010B	9 U	9 U	0.0%	+/- 9	L
Arsenic	6010B	9 U	9 U	0.0%	+/- 9	L
Cadmium	6010B	0.9	0.8	11.8%	+/- 0.3	L
Chromium	6010B	20.1	19.3	4.1%	+/- 20%	
Copper	6010B	26.2	24.6	6.3%	+/- 20%	
Lead	6010B	8	8	0.0%	+/- 3	L
Mercury	7471A	0.07 U	0.07 U	0.0%	+/- 0.07	L
Nickel	6010B	14	14	0.0%	+/- 20%	
Silver	6010B	0.5 U	0.5 U	0.0%	+/- 0.5	L
Zinc	6010B	45	42	6.9%	+/- 20%	

Reported in mg/kg-dry

*-Control Limit Not Met
L-RPD Invalid, Limit = Detection Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: AN-SS-01-070927
MATRIX SPIKE

Lab Sample ID: LR71A
LIMS ID: 07-20766
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

MATRIX SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Sample	Spike	Spike Added	% Recovery	Q
Antimony	6010B	9 U	66	340	19.4%	N
Arsenic	6010B	9 U	358	340	105%	
Cadmium	6010B	0.9	81.3	85.0	94.6%	
Chromium	6010B	20.1	103	85.0	97.5%	
Copper	6010B	26.2	118	85.0	108%	
Lead	6010B	8	327	340	93.8%	
Mercury	7471A	0.07 U	0.78	0.716	109%	
Nickel	6010B	14	102	85.0	104%	
Silver	6010B	0.5 U	86.0	85.0	101%	
Zinc	6010B	45	127	85.0	96.5%	

Reported in mg/kg-dry

N-Control Limit Not Met
H-% Recovery Not Applicable, Sample Concentration Too High
NA-Not Applicable, Analyte Not Spiked

Percent Recovery Limits: 75-125%

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: AN-SS-02-070927
SAMPLE

Lab Sample ID: LR71B
LIMS ID: 07-20767
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Percent Total Solids: 50.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/09/07	7440-36-0	Antimony	9	9	U
3050B	10/05/07	6010B	10/09/07	7440-38-2	Arsenic	9	9	U
3050B	10/05/07	6010B	10/09/07	**7440-43-9**	**Cadmium**	0.4	**0.9**	
3050B	10/05/07	6010B	10/09/07	**7440-47-3**	**Chromium**	0.9	**20.2**	
3050B	10/05/07	6010B	10/09/07	**7440-50-8**	**Copper**	0.4	**153**	
3050B	10/05/07	6010B	10/09/07	**7439-92-1**	**Lead**	4	**33**	
CLP	10/05/07	7471A	10/09/07	**7439-97-6**	**Mercury**	0.07	**0.19**	
3050B	10/05/07	6010B	10/09/07	**7440-02-0**	**Nickel**	2	**16**	
3050B	10/05/07	6010B	10/09/07	7440-22-4	Silver	0.6	0.6	U
3050B	10/05/07	6010B	10/09/07	**7440-66-6**	**Zinc**	2	**65**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: AN-SS-03-070928
SAMPLE

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Percent Total Solids: 65.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/09/07	7440-36-0	Antimony	7	7	U
3050B	10/05/07	6010B	10/09/07	7440-38-2	Arsenic	7	7	U
3050B	10/05/07	6010B	10/09/07	**7440-43-9**	**Cadmium**	0.3	**0.4**	
3050B	10/05/07	6010B	10/09/07	**7440-47-3**	**Chromium**	0.7	**12.1**	
3050B	10/05/07	6010B	10/09/07	**7440-50-8**	**Copper**	0.3	**58.2**	
3050B	10/05/07	6010B	10/09/07	**7439-92-1**	**Lead**	3	**6**	
CLP	10/05/07	7471A	10/09/07	7439-97-6	Mercury	0.07	0.07	U
3050B	10/05/07	6010B	10/09/07	**7440-02-0**	**Nickel**	1	**10**	
3050B	10/05/07	6010B	10/09/07	7440-22-4	Silver	0.4	0.4	U
3050B	10/05/07	6010B	10/09/07	**7440-66-6**	**Zinc**	1	**30**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: AN-SS-07-070928
SAMPLE

Lab Sample ID: LR71D
LIMS ID: 07-20769
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Percent Total Solids: 67.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/09/07	7440-36-0	Antimony	7	7	U
3050B	10/05/07	6010B	10/09/07	7440-38-2	Arsenic	7	7	U
3050B	10/05/07	6010B	10/09/07	**7440-43-9**	**Cadmium**	0.3	**0.4**	
3050B	10/05/07	6010B	10/09/07	**7440-47-3**	**Chromium**	0.7	**14.9**	
3050B	10/05/07	6010B	10/09/07	**7440-50-8**	**Copper**	0.3	**69.7**	
3050B	10/05/07	6010B	10/09/07	**7439-92-1**	**Lead**	3	**15**	
CLP	10/05/07	7471A	10/09/07	**7439-97-6**	**Mercury**	0.07	**0.14**	
3050B	10/05/07	6010B	10/09/07	**7440-02-0**	**Nickel**	1	**13**	
3050B	10/05/07	6010B	10/09/07	7440-22-4	Silver	0.4	0.4	U
3050B	10/05/07	6010B	10/09/07	**7440-66-6**	**Zinc**	1	**35**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: AN-SS-10-070928
SAMPLE

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Percent Total Solids: 69.0%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/09/07	7440-36-0	Antimony	7	7	U
3050B	10/05/07	6010B	10/09/07	7440-38-2	Arsenic	7	7	U
3050B	10/05/07	6010B	10/09/07	**7440-43-9**	**Cadmium**	0.3	**0.5**	
3050B	10/05/07	6010B	10/09/07	**7440-47-3**	**Chromium**	0.7	**18.2**	
3050B	10/05/07	6010B	10/09/07	**7440-50-8**	**Copper**	0.3	**42.1**	
3050B	10/05/07	6010B	10/09/07	**7439-92-1**	**Lead**	3	**9**	
CLP	10/05/07	7471A	10/09/07	**7439-97-6**	**Mercury**	0.06	**0.12**	
3050B	10/05/07	6010B	10/09/07	**7440-02-0**	**Nickel**	1	**18**	
3050B	10/05/07	6010B	10/09/07	7440-22-4	Silver	0.4	0.4	U
3050B	10/05/07	6010B	10/09/07	**7440-66-6**	**Zinc**	1	**37**	

U-Analyte undetected at given RL
RL-Reporting Limit

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INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: AN-SS-11-070928
SAMPLE

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Percent Total Solids: 63.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/09/07	7440-36-0	Antimony	8	8	U
3050B	10/05/07	6010B	10/09/07	7440-38-2	Arsenic	8	8	U
3050B	10/05/07	6010B	10/09/07	**7440-43-9**	**Cadmium**	0.3	**0.5**	
3050B	10/05/07	6010B	10/09/07	**7440-47-3**	**Chromium**	0.8	**25.5**	
3050B	10/05/07	6010B	10/09/07	**7440-50-8**	**Copper**	0.3	**37.6**	
3050B	10/05/07	6010B	10/09/07	**7439-92-1**	**Lead**	3	**26**	
CLP	10/05/07	7471A	10/09/07	**7439-97-6**	**Mercury**	0.06	**0.15**	
3050B	10/05/07	6010B	10/09/07	**7440-02-0**	**Nickel**	2	**19**	
3050B	10/05/07	6010B	10/09/07	7440-22-4	Silver	0.5	0.5	U
3050B	10/05/07	6010B	10/09/07	**7440-66-6**	**Zinc**	2	**48**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: AN-SS-04
SAMPLE

Lab Sample ID: LR71H
LIMS ID: 07-20773
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Percent Total Solids: 62.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/10/07	7440-36-0	Antimony	20	20	U
3050B	10/05/07	6010B	10/10/07	**7440-38-2**	**Arsenic**	20	**20**	
3050B	10/05/07	6010B	10/10/07	7440-43-9	Cadmium	0.8	0.8	U
3050B	10/05/07	6010B	10/10/07	**7440-47-3**	**Chromium**	2	**42**	
3050B	10/05/07	6010B	10/10/07	**7440-50-8**	**Copper**	0.8	**215**	
3050B	10/05/07	6010B	10/10/07	**7439-92-1**	**Lead**	8	**388**	
CLP	10/05/07	7471A	10/09/07	**7439-97-6**	**Mercury**	0.06	**0.31**	
3050B	10/05/07	6010B	10/10/07	**7440-02-0**	**Nickel**	4	**46**	
3050B	10/05/07	6010B	10/10/07	7440-22-4	Silver	1	1	U
3050B	10/05/07	6010B	10/10/07	**7440-66-6**	**Zinc**	4	**267**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: AN-SS-05
SAMPLE

Lab Sample ID: LR71I
LIMS ID: 07-20774
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Percent Total Solids: 59.9%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/09/07	7440-36-0	Antimony	8	8	U
3050B	10/05/07	6010B	10/09/07	7440-38-2	Arsenic	8	8	U
3050B	10/05/07	6010B	10/09/07	**7440-43-9**	**Cadmium**	0.3	**0.5**	
3050B	10/05/07	6010B	10/09/07	**7440-47-3**	**Chromium**	0.8	**14.0**	
3050B	10/05/07	6010B	10/09/07	**7440-50-8**	**Copper**	0.3	**138**	
3050B	10/05/07	6010B	10/09/07	**7439-92-1**	**Lead**	3	**39**	
CLP	10/05/07	7471A	10/09/07	7439-97-6	Mercury	0.06	0.06	U
3050B	10/05/07	6010B	10/09/07	**7440-02-0**	**Nickel**	2	**10**	
3050B	10/05/07	6010B	10/09/07	7440-22-4	Silver	0.5	0.5	U
3050B	10/05/07	6010B	10/09/07	**7440-66-6**	**Zinc**	2	**33**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: AN-SS-06
SAMPLE

Lab Sample ID: LR71J
LIMS ID: 07-20775
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Percent Total Solids: 70.6%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/09/07	7440-36-0	Antimony	7	7	U
3050B	10/05/07	6010B	10/09/07	7440-38-2	Arsenic	7	7	U
3050B	10/05/07	6010B	10/09/07	**7440-43-9**	**Cadmium**	0.3	**0.3**	
3050B	10/05/07	6010B	10/09/07	**7440-47-3**	**Chromium**	0.7	**34.2**	
3050B	10/05/07	6010B	10/09/07	**7440-50-8**	**Copper**	0.3	**45.7**	
3050B	10/05/07	6010B	10/09/07	**7439-92-1**	**Lead**	3	**136**	
CLP	10/05/07	7471A	10/09/07	**7439-97-6**	**Mercury**	0.05	**0.28**	
3050B	10/05/07	6010B	10/09/07	**7440-02-0**	**Nickel**	1	**23**	
3050B	10/05/07	6010B	10/09/07	7440-22-4	Silver	0.4	0.4	U
3050B	10/05/07	6010B	10/09/07	**7440-66-6**	**Zinc**	1	**65**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: AN-SS-08
SAMPLE

Lab Sample ID: LR71K
LIMS ID: 07-20776
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Percent Total Solids: 58.7%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/09/07	7440-36-0	Antimony	8	8	U
3050B	10/05/07	6010B	10/09/07	7440-38-2	Arsenic	8	8	U
3050B	10/05/07	6010B	10/09/07	**7440-43-9**	**Cadmium**	0.3	**0.7**	
3050B	10/05/07	6010B	10/09/07	**7440-47-3**	**Chromium**	0.8	**40.6**	
3050B	10/05/07	6010B	10/09/07	**7440-50-8**	**Copper**	0.3	**106**	
3050B	10/05/07	6010B	10/09/07	**7439-92-1**	**Lead**	3	**61**	
CLP	10/05/07	7471A	10/09/07	**7439-97-6**	**Mercury**	0.08	**0.36**	
3050B	10/05/07	6010B	10/09/07	**7440-02-0**	**Nickel**	2	**55**	
3050B	10/05/07	6010B	10/09/07	7440-22-4	Silver	0.5	0.5	U
3050B	10/05/07	6010B	10/09/07	**7440-66-6**	**Zinc**	2	**106**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
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Sample ID: AN-SS-09
SAMPLE

Lab Sample ID: LR71L
LIMS ID: 07-20777
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/27/07
Date Received: 09/29/07

Percent Total Solids: 76.8%

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/09/07	7440-36-0	Antimony	6	6	U
3050B	10/05/07	6010B	10/09/07	7440-38-2	Arsenic	6	6	U
3050B	10/05/07	6010B	10/09/07	**7440-43-9**	**Cadmium**	0.3	**0.3**	
3050B	10/05/07	6010B	10/09/07	**7440-47-3**	**Chromium**	0.6	**34.8**	
3050B	10/05/07	6010B	10/09/07	**7440-50-8**	**Copper**	0.3	**58.6**	
3050B	10/05/07	6010B	10/09/07	**7439-92-1**	**Lead**	3	**117**	
CLP	10/05/07	7471A	10/09/07	**7439-97-6**	**Mercury**	0.04	**3.24**	
3050B	10/05/07	6010B	10/09/07	**7440-02-0**	**Nickel**	1	**38**	
3050B	10/05/07	6010B	10/09/07	7440-22-4	Silver	0.4	0.4	U
3050B	10/05/07	6010B	10/09/07	**7440-66-6**	**Zinc**	1	**122**	

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS

Sample ID: METHOD BLANK

Lab Sample ID: LR71MB
LIMS ID: 07-20767
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: NA
Date Received: NA

Percent Total Solids: NA

Prep Meth	Prep Date	Analysis Method	Analysis Date	CAS Number	Analyte	RL	mg/kg-dry	Q
3050B	10/05/07	6010B	10/09/07	7440-36-0	Antimony	5	5	U
3050B	10/05/07	6010B	10/09/07	7440-38-2	Arsenic	5	5	U
3050B	10/05/07	6010B	10/09/07	7440-43-9	Cadmium	0.2	0.2	U
3050B	10/05/07	6010B	10/09/07	7440-47-3	Chromium	0.5	0.5	U
3050B	10/05/07	6010B	10/09/07	7440-50-8	Copper	0.2	0.2	U
3050B	10/05/07	6010B	10/09/07	7439-92-1	Lead	2	2	U
CLP	10/05/07	7471A	10/09/07	7439-97-6	Mercury	0.05	0.05	U
3050B	10/05/07	6010B	10/09/07	7440-02-0	Nickel	1	1	U
3050B	10/05/07	6010B	10/09/07	7440-22-4	Silver	0.3	0.3	U
3050B	10/05/07	6010B	10/09/07	7440-66-6	Zinc	1	1	U

U-Analyte undetected at given RL
RL-Reporting Limit

ANALYTICAL RESOURCES INCORPORATED

INORGANICS ANALYSIS DATA SHEET
TOTAL METALS
Page 1 of 1

Sample ID: LAB CONTROL

Lab Sample ID: LR71LCS
LIMS ID: 07-20767
Matrix: Sediment
Data Release Authorized:
Reported: 10/11/07

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: NA
Date Received: NA

BLANK SPIKE QUALITY CONTROL REPORT

Analyte	Analysis Method	Spike Found	Spike Added	% Recovery	Q
Antimony	6010B	202	200	101%	
Arsenic	6010B	206	200	103%	
Cadmium	6010B	50.0	50.0	100%	
Chromium	6010B	50.0	50.0	100%	
Copper	6010B	51.2	50.0	102%	
Lead	6010B	204	200	102%	
Mercury	7471A	1.05	1.00	105%	
Nickel	6010B	50	50	100%	
Silver	6010B	52.0	50.0	104%	
Zinc	6010B	51	50	102%	

Reported in mg/kg-dry

N-Control limit not met
Control Limits: 80-120%

GENERAL CHEMISTRY

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Client ID: AN-SS-01-070927
ARI ID: 07-20766 LR71A

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	61.40
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	1.43

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Client ID: AN-SS-02-070927
ARI ID: 07-20767 LR71B

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	53.80
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	4.84

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Client ID: AN-SS-03-070928
ARI ID: 07-20768 LR71C

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	67.20
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	2.53

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Client ID: AN-SS-07-070928
ARI ID: 07-20769 LR71D

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	70.20
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	1.35

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Client ID: AN-SS-10-070928
ARI ID: 07-20770 LR71E

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	74.90
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	1.07

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Client ID: AN-SS-11-070928
ARI ID: 07-20771 LR71F

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	66.40
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	1.15

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Client ID: AN-SS-REF-070928
ARI ID: 07-20772 LR71G

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	74.20
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	0.951

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Client ID: AN-SS-04
ARI ID: 07-20773 LR71H

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	66.90
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	6.13

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Client ID: AN-SS-05
ARI ID: 07-20774 LR71I

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	61.70
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	2.42

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Client ID: AN-SS-06
ARI ID: 07-20775 LR71J

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	75.70
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	1.40

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Client ID: AN-SS-08
ARI ID: 07-20776 LR71K

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	60.80
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	1.75

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Client ID: AN-SS-09
ARI ID: 07-20777 LR71L

Analyte	Date	Method	Units	RL	Sample
Total Solids	10/02/07 100207#2	EPA 160.3	Percent	0.01	74.70
Total Organic Carbon	10/15/07 101507#1	Plumb,1981	Percent	0.020	3.99

RL Analytical reporting limit
U Undetected at reported detection limit

METHOD BLANK RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	Blank
Total Solids	10/02/07	Percent	< 0.01 U
	10/02/07		< 0.01 U
	10/02/07		< 0.01 U
Total Organic Carbon	10/15/07	Percent	< 0.020 U

LAB CONTROL RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: NA
Date Received: NA

Analyte	Date	Units	LCS	Spike Added	Recovery
Total Organic Carbon	10/15/07	Percent	0.528	0.500	105.6%

STANDARD REFERENCE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Date	Units	SRM	True Value	Recovery
Total Organic Carbon NIST #8704	10/15/07	Percent	3.43	3.35	102.4%

REPLICATE RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Analyte	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: LR71G Client ID: AN-SS-REF-070928					
Total Solids	10/02/07	Percent	74.20	74.20 74.30	0.1%
Total Organic Carbon	10/15/07	Percent	0.951	1.02 1.20	12.2%

MS/MSD RESULTS-CONVENTIONALS
LR71-Anchor Environmental, LLC

ANALYTICAL RESOURCES INCORPORATED

Matrix: Sediment
Data Release Authorized:
Reported: 10/16/07

Project: Kimberly Clark Anacortes
Event: NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Analyte	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: LR71G Client ID: AN-SS-REF-070928						
Total Organic Carbon	10/15/07	Percent	0.951	2.08	0.988	114.3%

GEOTECH

ANALYTICAL RESOURCES INCORPORATED

GEOTECHNICAL ANALYSIS DATA SHEET
Organic Matter by Method ASTM D2974

Data Release Authorized: gb
Reported: 10/16/07
Date Received: 09/29/07
Page 1 of 1

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
AN-SS-01-070927 LR71A 07-20766	09/27/07	Sediment	10/16/07 19:14	17.02
AN-SS-02-070927 LR71B 07-20767	09/27/07	Sediment	10/16/07 19:14	7.84
AN-SS-03-070928 LR71C 07-20768	09/28/07	Sediment	10/16/07 19:14	3.83
AN-SS-07-070928 LR71D 07-20769	09/28/07	Sediment	10/16/07 19:14	2.54
AN-SS-10-070928 LR71E 07-20770	09/28/07	Sediment	10/16/07 19:14	2.03
AN-SS-11-070928 LR71F 07-20771	09/28/07	Sediment	10/16/07 19:14	9.67
AN-SS-04 LR71H 07-20773	09/28/07	Sediment	10/16/07 19:14	8.97
AN-SS-05 LR71I 07-20774	09/27/07	Sediment	10/16/07 19:14	6.37
AN-SS-06 LR71J 07-20775	09/28/07	Sediment	10/16/07 19:14	16.57
AN-SS-08 LR71K 07-20776	09/27/07	Sediment	10/16/07 19:14	1.41
AN-SS-09 LR71L 07-20777	09/27/07	Sediment	10/16/07 19:14	11.02

Reported in Percent

Organic/Ash Content Burn Temperature 440 C Per ASTM D2974

GEOTECHNICAL ANALYSIS DATA SHEET
Total Solids by Method ASTM D2974

ANALYTICAL RESOURCES INCORPORATED

Data Release Authorized: gs
Reported: 10/16/07
Date Received: 09/29/07
Page 1 of 1

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
AN-SS-01-070927 LR71A 07-20766	09/27/07	Sediment	10/16/07 19:14	54.79
AN-SS-02-070927 LR71B 07-20767	09/27/07	Sediment	10/16/07 19:14	52.05
AN-SS-03-070928 LR71C 07-20768	09/28/07	Sediment	10/16/07 19:14	67.24
AN-SS-07-070928 LR71D 07-20769	09/28/07	Sediment	10/16/07 19:14	71.34
AN-SS-10-070928 LR71E 07-20770	09/28/07	Sediment	10/16/07 19:14	75.77
AN-SS-11-070928 LR71F 07-20771	09/28/07	Sediment	10/16/07 19:14	62.89
AN-SS-04 LR71H 07-20773	09/28/07	Sediment	10/16/07 19:14	62.59
AN-SS-05 LR71I 07-20774	09/27/07	Sediment	10/16/07 19:14	61.03
AN-SS-06 LR71J 07-20775	09/28/07	Sediment	10/16/07 19:14	59.27
AN-SS-08 LR71K 07-20776	09/27/07	Sediment	10/16/07 19:14	80.57
AN-SS-09 LR71L 07-20777	09/27/07	Sediment	10/16/07 19:14	78.96

GEOTECHNICAL ANALYSIS DATA SHEET
Ash Content by Method ASTM D2974

ANALYTICAL RESOURCES INCORPORATED

Data Release Authorized: gs
Reported: 10/16/07
Date Received: 09/29/07
Page 1 of 1

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Client/ ARI ID	Date Sampled	Matrix	Analysis Date	Result
AN-SS-01-070927 LR71A 07-20766	09/27/07	Sediment	10/16/07 19:14	82.98
AN-SS-02-070927 LR71B 07-20767	09/27/07	Sediment	10/16/07 19:14	92.16
AN-SS-03-070928 LR71C 07-20768	09/28/07	Sediment	10/16/07 19:14	96.17
AN-SS-07-070928 LR71D 07-20769	09/28/07	Sediment	10/16/07 19:14	97.46
AN-SS-10-070928 LR71E 07-20770	09/28/07	Sediment	10/16/07 19:14	97.97
AN-SS-11-070928 LR71F 07-20771	09/28/07	Sediment	10/16/07 19:14	90.33
AN-SS-04 LR71H 07-20773	09/28/07	Sediment	10/16/07 19:14	91.03
AN-SS-05 LR71I 07-20774	09/27/07	Sediment	10/16/07 19:14	93.63
AN-SS-06 LR71J 07-20775	09/28/07	Sediment	10/16/07 19:14	83.43
AN-SS-08 LR71K 07-20776	09/27/07	Sediment	10/16/07 19:14	98.59
AN-SS-09 LR71L 07-20777	09/27/07	Sediment	10/16/07 19:14	88.98

Organic/Ash Content Burn Temperature 440 C Per ASTM D2974

Anchor Environmental, LLC
Kimberly Clark Anacortes

Apparent Grain Size Distribution Summary
Percent Finer Than Indicated Size

Sample No.	Gravel			Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Silt				Clay	
Phi Size	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
Sieve Size (microns)	3/8"	#4	#10 (2000)	#18 (1000)	#35 (500)	#60 (250)	#120 (125)	#230 (62)	31.00	15.60	7.80	3.90	2.00	1.00
AN-SS-REF-070928	100.0	100.0	99.9	99.7	94.4	29.7	11.9	10.3	8.9	6.7	5.1	3.6	2.6	1.7
AN-SS-REF-070928	100.0	100.0	100.0	99.7	94.8	30.1	12.0	10.4	9.0	7.2	5.4	4.3	3.3	2.1
AN-SS-REF-070928	100.0	100.0	99.9	99.6	94.4	29.8	12.0	10.4	9.1	6.6	5.6	4.4	3.2	2.0
AN-SS-01-070927	100.0	83.7	74.2	71.0	68.2	63.3	57.2	31.9	19.2	13.1	9.9	7.7	5.9	4.4
AN-SS-02-070927	100.0	99.4	92.8	88.3	84.1	70.9	31.0	24.5	22.9	17.3	12.2	9.0	6.8	5.0
AN-SS-03-070928	100.0	99.1	95.7	92.9	90.3	71.8	27.1	15.8	8.9	6.3	4.7	3.7	2.9	2.3
AN-SS-07-070928	100.0	96.6	93.1	90.3	84.5	67.0	31.3	11.7	6.1	4.9	3.8	3.0	2.4	1.9
AN-SS-10-070928	100.0	66.3	57.1	51.0	44.0	27.4	15.6	10.8	6.8	4.9	3.7	2.8	2.1	1.5
AN-SS-11-070928	100.0	97.5	93.8	91.5	89.6	71.3	34.2	16.5	8.8	5.8	4.4	3.5	2.8	2.2
AN-SS-04	100.0	75.0	57.6	42.3	23.4	14.2	11.3	9.9	7.9	6.4	4.9	3.6	2.6	1.9
AN-SS-05	100.0	98.1	95.6	94.0	90.5	54.1	11.2	6.9	6.4	5.1	3.9	3.2	2.6	2.1
AN-SS-06	100.0	59.1	49.0	37.0	21.9	6.5	1.8	0.8	NA	NA	NA	NA	NA	NA
AN-SS-08	100.0	99.1	96.3	93.4	88.7	71.0	21.8	7.4	4.6	3.9	3.6	2.5	2.1	1.9
AN-SS-09	100.0	66.4	42.8	32.2	25.1	15.2	2.5	0.0	NA	NA	NA	NA	NA	NA

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

LR71

Anchor Environmental, LLC
Kimberly Clark Anacortes

Apparent Grain Size Distribution Summary
Percent Retained in Each Size Fraction

Sample No.	Gravel	Very Coarse Sand	Coarse Sand	Medium Sand	Fine Sand	Very Fine Sand	Coarse Silt	Medium Silt	Fine Silt	Very Fine Silt	Clay			Total Fines
Phi Size	> -1	-1 to 0	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	< 10	<4
Sieve Size (microns)	> #10 (2000)	10 to 18 (2000-1000)	18-35 (1000-500)	35-60 (500-250)	60-120 (250-125)	120-230 (125-62)	62.5-31.0	31.0-15.6	15.6-7.8	7.8-3.9	3.9-2.0	2.0-1.0	<1.0	<230 (<62)
AN-SS-REF-070928	0.1	0.3	5.3	64.7	17.8	1.6	1.4	2.3	1.6	1.5	1.0	0.9	1.7	10.3
AN-SS-REF-070928	0.0	0.2	4.9	64.7	18.1	1.6	1.4	1.8	1.8	1.1	1.1	1.1	2.1	10.4
AN-SS-REF-070928	0.1	0.3	5.2	64.6	17.8	1.6	1.3	2.5	1.0	1.2	1.2	1.1	2.0	10.4
AN-SS-01-070927	25.8	3.2	2.9	4.9	6.1	25.3	12.7	6.1	3.3	2.1	1.8	1.6	4.4	31.9
AN-SS-02-070927	7.2	4.5	4.2	13.2	39.9	6.5	1.5	5.7	5.1	3.2	2.1	1.8	5.0	24.5
AN-SS-03-070928	4.3	2.8	2.7	18.5	44.7	11.3	6.9	2.6	1.6	1.0	0.8	0.7	2.3	15.8
AN-SS-07-070928	6.9	2.8	5.8	17.6	35.7	19.6	5.6	1.2	1.2	0.7	0.6	0.6	1.9	11.7
AN-SS-10-070928	42.9	6.1	7.0	16.6	11.8	4.8	4.0	1.9	1.2	0.8	0.7	0.6	1.5	10.8
AN-SS-11-070928	6.2	2.3	1.9	18.3	37.0	17.8	7.6	3.1	1.4	0.9	0.7	0.6	2.2	16.5
AN-SS-04	42.4	15.3	18.9	9.2	2.9	1.4	2.0	1.5	1.5	1.3	0.9	0.7	1.9	9.9
AN-SS-05	4.4	1.6	3.5	36.4	42.9	4.3	0.5	1.3	1.2	0.7	0.6	0.4	2.1	6.9
AN-SS-06	51.0	12.0	15.0	15.4	4.7	1.0	NA	NA	NA	NA	NA	NA	NA	0.8
AN-SS-08	3.7	2.9	4.8	17.6	49.2	14.3	2.8	0.7	0.3	1.0	0.4	0.2	1.9	7.4
AN-SS-09	57.2	10.6	7.1	9.9	12.7	2.5	NA	NA	NA	NA	NA	NA	NA	0.0

Notes to the Testing:
1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

LR71

QA SUMMARY

PROJECT:	Anchor Environmental, LLC	Project No.:	Kimberly Clark Anacortes
ARI Triplicate Sample ID:	LR71 G	Batch No.:	LR71 -1
Client Triplicate Sample ID:	AN-SS-REF-070928	Page:	1 of 1

Relative Standard Deviation, By Phi Size

Sample ID	-3	-2	-1	0	1	2	3	4	5	6	7	8	9	10
AN-SS-REF-070928	100.0	100.0	99.9	99.7	94.4	29.7	11.9	10.3	8.9	6.7	5.1	3.6	2.6	1.7
AN-SS-REF-070928	100.0	100.0	100.0	99.7	94.8	30.1	12.0	10.4	9.0	7.2	5.4	4.3	3.3	2.1
AN-SS-REF-070928	100.0	100.0	99.9	99.6	94.4	29.8	12.0	10.4	9.1	6.6	5.6	4.4	3.2	2.0
AVE	NA	99.98	99.94	99.67	94.53	29.86	11.98	10.39	9.02	6.82	5.36	4.10	2.99	1.94
STDEV	NA	0.03	0.03	0.05	0.23	0.22	0.07	0.05	0.08	0.33	0.27	0.42	0.37	0.23
%RSD	NA	0.03	0.03	0.05	0.24	0.74	0.54	0.45	0.93	4.87	5.01	10.20	12.49	12.11

The Triplicate Applies To The Following Samples

Client ID	Date Sampled	Date Extracted	Date Complete	QA Ratio (95-105)	Data Qualifiers	Pipette Portion (5.0-25.0g)
AN-SS-REF-070928	9/28/2007	10/10/2007	10/17/2007	100.0		11.4
AN-SS-REF-070928	9/28/2007	10/10/2007	10/17/2007	100.2		11.5
AN-SS-REF-070928	9/28/2007	10/10/2007	10/17/2007	100.1		11.5
AN-SS-01-070927	9/27/2007	10/10/2007	10/17/2007	101.3		13.7
AN-SS-02-070927	9/27/2007	10/10/2007	10/17/2007	99.1		9.3
AN-SS-03-070928	9/28/2007	10/10/2007	10/17/2007	103.5		12.6
AN-SS-07-070928	9/28/2007	10/10/2007	10/17/2007	104.4		11.7
AN-SS-10-070928	9/28/2007	10/10/2007	10/17/2007	102.3		13.1
AN-SS-11-070928	9/28/2007	10/10/2007	10/17/2007	101.2		16.0
AN-SS-04	9/28/2007	10/10/2007	10/17/2007	100.7		10.0
AN-SS-05	9/27/2007	10/10/2007	10/17/2007	99.0	SS	4.8
AN-SS-06	9/28/2007	10/10/2007	10/17/2007	97.1	SS	1.0
AN-SS-08	9/27/2007	10/10/2007	10/17/2007	100.8		6.6
AN-SS-09	9/27/2007	10/10/2007	10/17/2007	97.6	SS, W, SM	0.0

* ARI Internal QA limits = 95-105%

Notes to the Testing:

1. Organic matter was not removed prior to testing, thus the reported values are the "apparent" grain size distribution. See narrative for discussion of the testing.

TOTAL SOLIDS

Extractions Total Solids-extts
Data By: Stacey Arlene LaPointe
Created: 10/ 4/07

Worklist: 453
Analyst: HMQ
Comments:

	ARI ID / CLIENT ID	Tare Wt (g)	Wet Wt (g)	Dry Wt (g)	% Solids	pH
1.	LR71A 07-20766 AN-SS-01-070927	1.08	12.54	6.64	48.5	7.5
2.	LR71B 07-20767 AN-SS-02-070927	1.10	12.44	6.74	49.7	7.5
3.	LR71C 07-20768 AN-SS-03-070928	1.10	12.06	8.42	66.8	7.6
4.	LR71D 07-20769 AN-SS-07-070928	1.08	11.04	8.18	71.3	8.0
5.	LR71E 07-20770 AN-SS-10-070928	1.10	12.22	9.70	77.3	7.9
6.	LR71F 07-20771 AN-SS-11-070928	1.10	11.44	8.04	67.1	7.5
7.	LR71H 07-20773 AN-SS-04	1.08	11.02	7.38	63.4	7.5
8.	LR71I 07-20774 AN-SS-05	1.10	11.04	6.24	51.7	7.4
9.	LR71J 07-20775 AN-SS-06	1.12	11.00	8.82	77.9	7.8
10.	LR71K 07-20776 AN-SS-08	1.12	12.48	7.80	58.8	7.7
11.	LR71L 07-20777 AN-SS-09	1.12	11.62	8.04	65.9	6.8

Solids Data Entry Report Checked by: EJR Date: 10/05/07
Date: 10/05/07 Data Analyst: DM

Solids Determination performed on 10/04/07 by DM

JOB	SAMPLE	CLIENTID	TAREWEIGHT	SAMPDISH	DRYWEIGHT	SOLIDS
LR71	A	AN-SS-01-070927	0.997	10.888	6.519	55.83
LR71	B	AN-SS-02-070927	1.027	10.241	5.691	50.62
LR71	C	AN-SS-03-070928	1.016	10.471	7.250	65.93
LR71	D	AN-SS-07-070928	1.013	10.380	7.365	67.81
LR71	E	AN-SS-10-070928	1.003	10.997	7.897	68.98
LR71	F	AN-SS-11-070928	1.012	10.526	7.064	63.61
LR71	H	AN-SS-04	1.047	10.502	6.992	62.88
LR71	I	AN-SS-05	1.013	10.337	6.598	59.90
LR71	J	AN-SS-06	1.030	10.136	7.459	70.60
LR71	K	AN-SS-08	1.018	10.628	6.659	58.70
LR71	L	AN-SS-09	1.037	10.304	8.153	76.79

Laboratory Data Package

prepared
for

ANCHOR ENVIRONMENTAL

Project : KIMBERLY CLARK ANACORTES

ARI JOB NO. LR71

prepared
by

Analytical Resources, Inc.

Semivolatile Organics
QC Summary Data

prepared
for

ANCHOR ENVIRONMENTAL

Project : KIMBERLY CLARK ANACORTES

ARI JOB NO. LR71

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

SW8270 SEMIVOLATILES SOIL/SEDIMENT SURROGATE RECOVERY SUMMARY

Matrix: Sediment

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Client ID	NBZ	FBP	TPH	DCB	PHL	2FP	TBP	2CP	TOT OUT
AN-SS-01-070927	53.6%	55.2%	71.6%	47.6%	60.3%	68.8%	74.4%	58.7%	0
AN-SS-01-070927 RE	52.0%	53.6%	56.0%	48.4%	55.7%	44.3%	56.5%	54.4%	0
AN-SS-02-070927	48.8%	49.2%	64.0%	44.8%	54.9%	63.2%	63.7%	54.4%	0
AN-SS-02-070927 RE	57.6%	57.6%	42.4%	51.2%	60.0%	47.5%	66.1%	59.5%	0
AN-SS-03-070928	48.8%	50.8%	63.6%	42.8%	52.0%	64.8%	65.9%	52.0%	0
AN-SS-03-070928 RE	54.4%	56.0%	53.6%	51.2%	57.6%	45.6%	57.6%	56.0%	0
AN-SS-07-070928	51.6%	53.2%	64.0%	46.4%	54.4%	64.5%	66.7%	54.7%	0
AN-SS-07-070928 RE	56.0%	59.2%	59.2%	50.4%	60.0%	46.4%	61.1%	57.1%	0
MB-101007	44.4%	39.4%*	64.0%	38.2%	49.1%	57.1%	52.0%	46.9%	1
LCS-101007	42.4%	39.4%*	57.2%	38.3%	48.5%	55.2%	54.7%	45.9%	1
AN-SS-10-070928	42.8%	46.8%	50.8%	38.4%	44.5%	55.2%	52.0%	43.7%	0
AN-SS-10-070928 MS	57.6%	56.8%	78.8%	56.8%	66.4%	75.7%	77.6%	64.3%	0
AN-SS-10-070928 MSD	52.8%	52.4%	64.8%	50.4%	55.7%	61.9%	63.5%	54.9%	0
AN-SS-11-070928	46.4%	46.8%	55.6%	42.0%	47.7%	56.3%	60.0%	48.3%	0
AN-SS-11-070928 DL	51.0%	50.0%	57.5%	44.5%	46.2%	54.6%	48.2%	49.9%	0
AN-SS-11-070928 RE	60.4%	64.0%	60.8%	56.8%	62.7%	49.1%	65.6%	61.1%	0
AN-SS-04	56.4%	57.2%	56.4%	47.6%	52.8%	63.5%	63.2%	55.2%	0
AN-SS-04 RE	56.4%	58.4%	54.4%	52.0%	56.3%	46.4%	59.2%	55.7%	0
AN-SS-05	50.4%	48.8%	68.4%	45.2%	52.3%	62.9%	63.2%	53.9%	0
AN-SS-05 RE	57.2%	56.8%	63.2%	51.2%	56.5%	45.1%	71.5%	55.5%	0
AN-SS-06	54.0%	57.6%	60.4%	48.0%	51.7%	64.3%	60.0%	54.1%	0
AN-SS-06 RE	55.6%	59.6%	54.8%	52.8%	56.3%	46.4%	61.6%	55.7%	0
AN-SS-08	55.2%	53.6%	71.2%	46.4%	56.3%	67.7%	72.5%	57.3%	0
AN-SS-08 RE	60.8%	63.2%	105%*	59.2%	65.3%	51.7%	71.5%	63.7%	1
AN-SS-09	50.0%	49.6%	60.4%	45.2%	53.1%	60.8%	65.1%	53.9%	0
AN-SS-09 RE	58.8%	59.2%	59.6%	54.0%	57.1%	42.4%	60.5%	57.3%	0
MB-102707	73.2%	72.4%	83.2%	68.8%	74.4%	62.9%	72.5%	73.1%	0
LCS-102707	60.4%	60.4%	72.4%	56.0%	64.3%	53.3%	65.1%	62.7%	0
LCSD-102707	58.0%	58.4%	69.6%	53.2%	61.9%	49.9%	64.3%	61.1%	0
AN-SS-10-070928	33.0%	33.2%*	34.0%	30.2%	32.3%	27.2%	34.1%	32.8%	1
AN-SS-10-070928 MS	56.4%	58.8%	58.4%	52.8%	60.5%	46.9%	58.9%	59.2%	0
AN-SS-10-070928 MSD	60.8%	63.2%	61.6%	58.0%	64.0%	49.6%	63.2%	63.2%	0

	LCS/MB LIMITS	QC LIMITS
(NBZ) = d5-Nitrobenzene	(42-79)	(26-88)
(FBP) = 2-Fluorobiphenyl	(43-80)	(34-91)
(TPH) = d14-p-Terphenyl	(39-105)	(22-100)
(DCB) = d4-1,2-Dichlorobenzene	(38-79)	(24-90)
(PHL) = d5-Phenol	(42-82)	(25-86)
(2FP) = 2-Fluorophenol	(26-83)	(11-84)
(TBP) = 2,4,6-Tribromophenol	(41-94)	(25-107)
(2CP) = d4-2-Chlorophenol	(43-80)	(23-91)

Prep Method: SW3550B
Log Number Range: 07-20766 to 07-23292

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 1 of 1 **MS/MSD**

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted MS/MSD: 10/10/07

Sample Amount MS: 50.3 g-dry-wt
MSD: 50.3 g-dry-wt

Date Analyzed MS: 10/18/07 17:29
MSD: 10/18/07 18:03

Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL

Instrument/Analyst MS: NT6/LJR
MSD: NT6/LJR

Dilution Factor MS: 1.00
MSD: 1.00

GPC Cleanup: YES

Percent Moisture: 22.7 %

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Phenol	31.0	339	497	62.0%	285	497	51.1%	17.3%
1,3-Dichlorobenzene	< 19.9	264	497	53.1%	247	497	49.7%	6.7%
1,4-Dichlorobenzene	< 19.9	253	497	50.9%	242	497	48.7%	4.4%
Benzyl Alcohol	< 19.9	759	994	76.4%	611	994	61.5%	21.6%
1,2-Dichlorobenzene	< 19.9	268	497	53.9%	243	497	48.9%	9.8%
2-Methylphenol	< 19.9	343	497	69.0%	285	497	57.3%	18.5%
4-Methylphenol	< 19.9	761	994	76.6%	607	994	61.1%	22.5%
Hexachloroethane	< 19.9	246	497	49.5%	231	497	46.5%	6.3%
2,4-Dimethylphenol	< 19.9	295	497	59.4%	252	497	50.7%	15.7%
Benzoic Acid	< 199	684	1490	45.9%	309	1490	20.7%	75.5%
1,2,4-Trichlorobenzene	< 10.0	267	497	53.7%	245	497	49.3%	8.6%
Naphthalene	< 19.9	289	497	58.1%	260	497	52.3%	10.6%
Hexachlorobutadiene	< 19.9	252	497	50.7%	238	497	47.9%	5.7%
2-Methylnaphthalene	< 19.9	325	497	65.4%	281	497	56.5%	14.5%
Dimethylphthalate	< 19.9	331	497	66.6%	291	497	58.6%	12.9%
Acenaphthylene	< 19.9	296	497	59.6%	256	497	51.5%	14.5%
Acenaphthene	< 19.9	298	497	60.0%	261	497	52.5%	13.2%
Dibenzofuran	< 19.9	328	497	66.0%	283	497	56.9%	14.7%
Diethylphthalate	< 19.9	349	497	70.2%	300	497	60.4%	15.1%
Fluorene	< 19.9	322	497	64.8%	275	497	55.3%	15.7%
N-Nitrosodiphenylamine	< 19.9	361	497	72.6%	295	497	59.4%	20.1%
Hexachlorobenzene	< 10.0	299	497	60.2%	255	497	51.3%	15.9%
Pentachlorophenol	< 99.4	283	497	56.9%	191	497	38.4%	38.8%
Phenanthrene	< 19.9	355	497	71.4%	298	497	60.0%	17.5%
Anthracene	< 19.9	286	497	57.5%	233	497	46.9%	20.4%
Di-n-Butylphthalate	< 19.9	375	497	75.5%	318	497	64.0%	16.5%
Fluoranthene	33.8	418	497	77.3%	385	497	70.7%	8.2%
Pyrene	23.7	408	497	77.3%	354	497	66.5%	14.2%
Butylbenzylphthalate	< 19.9	353	497	71.0%	301	497	60.6%	15.9%
Benzo(a)anthracene	< 19.9	313	497	63.0%	268	497	53.9%	15.5%
bis(2-Ethylhexyl)phthalate	28.6	395	497	73.7%	328	497	60.2%	18.5%
Chrysene	< 19.9	342	497	68.8%	293	497	59.0%	15.4%
Di-n-Octyl phthalate	< 19.9	344	497	69.2%	296	497	59.6%	15.0%
Benzo(b)fluoranthene	< 19.9	374	497	75.3%	347	497	69.8%	7.5%
Benzo(k)fluoranthene	< 19.9	407	497	81.9%	349	497	70.2%	15.3%
Benzo(a)pyrene	< 19.9	349	497	70.2%	297	497	59.8%	16.1%
Indeno(1,2,3-cd)pyrene	< 19.9	207	497	41.6%	165	497	33.2%	22.6%
Dibenz(a,h)anthracene	< 19.9	221	497	44.5%	181	497	36.4%	19.9%
Benzo(g,h,i)perylene	< 19.9	125	497	25.2%	95.3	497	19.2%	27.0%
1-Methylnaphthalene	< 19.9	326	497	65.6%	283	497	56.9%	14.1%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 1 of 1 **MS/MSD**

Lab Sample ID: LR71E
LIMS ID: 07-23292
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes

Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted MS/MSD: 10/27/07

Sample Amount MS: 50.8 g-dry-wt
MSD: 50.9 g-dry-wt

Date Analyzed MS: 11/01/07 19:16
MSD: 11/01/07 19:47

Final Extract Volume MS: 1.0 mL
MSD: 1.0 mL

Instrument/Analyst MS: NT4/LJR
MSD: NT4/LJR

Dilution Factor MS: 1.00
MSD: 1.00

GPC Cleanup: YES

Percent Moisture: 22.7 %

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Phenol	73.6	473	492	81.2%	483	491	83.4%	2.1%
1,3-Dichlorobenzene	< 19.7	263	492	53.5%	283	491	57.6%	7.3%
1,4-Dichlorobenzene	< 19.7	268	492	54.5%	283	491	57.6%	5.4%
Benzyl Alcohol	< 19.7	617	984	62.7%	650	983	66.1%	5.2%
1,2-Dichlorobenzene	< 19.7	276	492	56.1%	293	491	59.7%	6.0%
2-Methylphenol	< 19.7	322	492	65.4%	344	491	70.1%	6.6%
4-Methylphenol	24.5	709	984	69.6%	730	983	71.8%	2.9%
Hexachloroethane	< 19.7	231	492	47.0%	246	491	50.1%	6.3%
2,4-Dimethylphenol	< 19.7	290	492	58.9%	307	491	62.5%	5.7%
Benzoic Acid	< 197	892	1480	60.3%	977	1470	66.5%	9.1%
1,2,4-Trichlorobenzene	< 19.7	270	492	54.9%	291	491	59.3%	7.5%
Naphthalene	< 19.7	304	492	61.8%	320	491	65.2%	5.1%
Hexachlorobutadiene	< 19.7	264	492	53.7%	282	491	57.4%	6.6%
2-Methylnaphthalene	< 19.7	308	492	62.6%	327	491	66.6%	6.0%
Dimethylphthalate	< 19.7	277	492	56.3%	299	491	60.9%	7.6%
Acenaphthylene	< 19.7	304	492	61.8%	308	491	62.7%	1.3%
Acenaphthene	< 19.7	281	492	57.1%	301	491	61.3%	6.9%
Dibenzofuran	< 19.7	306	492	62.2%	327	491	66.6%	6.6%
Diethylphthalate	< 19.7	306	492	62.2%	314	491	64.0%	2.6%
Fluorene	< 19.7	298	492	60.6%	317	491	64.6%	6.2%
N-Nitrosodiphenylamine	< 19.7	426	492	86.6%	447	491	91.0%	4.8%
Hexachlorobenzene	< 19.7	322	492	65.4%	336	491	68.4%	4.3%
Pentachlorophenol	< 98.7	348	492	70.7%	383	491	78.0%	9.6%
Phenanthrene	27.4	390	492	73.7%	394	491	74.7%	1.0%
Anthracene	< 19.7	326	492	66.3%	329	491	67.0%	0.9%
Di-n-Butylphthalate	< 19.7	347	492	70.5%	384	491	78.2%	10.1%
Fluoranthene	40.9	419	492	76.8%	426	491	78.4%	1.7%
Pyrene	30.8	369	492	68.7%	364	491	67.9%	1.4%
Butylbenzylphthalate	< 19.7	329	492	66.9%	348	491	70.9%	5.6%
Benzo(a)anthracene	< 19.7	346	492	70.3%	343	491	69.9%	0.9%
bis(2-Ethylhexyl)phthalate	19.9	423 B	492	81.9%	395 B	491	76.4%	6.8%
Chrysene	< 19.7	355	492	72.2%	354	491	72.1%	0.3%
Di-n-Octyl phthalate	< 19.7	354	492	72.0%	376	491	76.6%	6.0%
Benzo(b)fluoranthene	< 19.7	366	492	74.4%	370	491	75.4%	1.1%
Benzo(k)fluoranthene	< 19.7	330	492	67.1%	351	491	71.5%	6.2%
Benzo(a)pyrene	< 19.7	322	492	65.4%	331	491	67.4%	2.8%
Indeno(1,2,3-cd)pyrene	< 19.7	334	492	67.9%	337	491	68.6%	0.9%
Dibenz(a,h)anthracene	< 19.7	359	492	73.0%	363	491	73.9%	1.1%
Benzo(g,h,i)perylene	< 19.7	214	492	43.5%	212	491	43.2%	0.9%
1-Methylnaphthalene	< 19.7	305	492	62.0%	330	491	67.2%	7.9%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: LCS-101007**
 LAB CONTROL

Lab Sample ID: LCS-101007 QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20770 Project: Kimberly Clark Anacortes
Matrix: Sediment
Data Release Authorized: Date Sampled: 09/28/07
Reported: 01/25/08 Date Received: 09/29/07

Date Extracted: 10/10/07 Sample Amount: 50.0 g
Date Analyzed: 10/18/07 11:15 Final Extract Volume: 1.0 mL
Instrument/Analyst: NT6/LJR Dilution Factor: 1.00
GPC Cleanup: YES Percent Moisture: NA

Analyte	Lab Control	Spike Added	Recovery
Phenol	232	500	46.4%
1,3-Dichlorobenzene	206	500	41.2%
1,4-Dichlorobenzene	204	500	40.8%
Benzyl Alcohol	473	1000	47.3%
1,2-Dichlorobenzene	211	500	42.2%
2-Methylphenol	246	500	49.2%
4-Methylphenol	514	1000	51.4%
Hexachloroethane	199	500	39.8%
2,4-Dimethylphenol	137	500	27.4%
Benzoic Acid	828	1500	55.2%
1,2,4-Trichlorobenzene	200	500	40.0%
Naphthalene	213	500	42.6%
Hexachlorobutadiene	195	500	39.0%
2-Methylnaphthalene	234	500	46.8%
Dimethylphthalate	259	500	51.8%
Acenaphthylene	217	500	43.4%
Acenaphthene	220	500	44.0%
Dibenzofuran	241	500	48.2%
Diethylphthalate	269	500	53.8%
Fluorene	234	500	46.8%
N-Nitrosodiphenylamine	269	500	53.8%
Hexachlorobenzene	222	500	44.4%
Pentachlorophenol	238	500	47.6%
Phenanthrene	245	500	49.0%
Anthracene	219	500	43.8%
Di-n-Butylphthalate	280	500	56.0%
Fluoranthene	261	500	52.2%
Pyrene	266	500	53.2%
Butylbenzylphthalate	273	500	54.6%
Benzo(a)anthracene	233	500	46.6%
bis(2-Ethylhexyl)phthalate	283	500	56.6%
Chrysene	248	500	49.6%
Di-n-Octyl phthalate	271	500	54.2%
Benzo(b)fluoranthene	281	500	56.2%
Benzo(k)fluoranthene	294	500	58.8%
Benzo(a)pyrene	244	500	48.8%
Indeno(1,2,3-cd)pyrene	252	500	50.4%

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: LCS-101007**
 LAB CONTROL

Lab Sample ID: LCS-101007 QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20770 Project: Kimberly Clark Anacortes
Matrix: Sediment
Date Analyzed: 10/18/07 11:15

Analyte	Lab Control	Spike Added	Recovery
Dibenz(a,h)anthracene	256	500	51.2%
Benzo(g,h,i)perylene	158	500	31.6%
1-Methylnaphthalene	235	500	47.0%

Semivolatile Surrogate Recovery	
d5-Nitrobenzene	42.4%
2-Fluorobiphenyl	39.4%
d14-p-Terphenyl	57.2%
d4-1,2-Dichlorobenzene	38.3%
d5-Phenol	48.5%
2-Fluorophenol	55.2%
2,4,6-Tribromophenol	54.7%
d4-2-Chlorophenol	45.9%

Results reported in µg/kg

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: LCS-102707**
Page 1 of 2 LCS/LCSD

Lab Sample ID: LCS-102707 QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-23292 Project: Kimberly Clark Anacortes
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08 Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted LCS/LCSD: 10/27/07 Sample Amount LCS: 50.0 g
LCSD: 50.0 g
Date Analyzed LCS: 11/01/07 15:37 Final Extract Volume LCS: 1.0 mL
LCSD: 11/01/07 16:08 LCSD: 1.0 mL
Instrument/Analyst LCS: NT4/LJR Dilution Factor LCS: 1.00
LCSD: NT4/LJR LCSD: 1.00
GPC Cleanup: YES Percent Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Phenol	359	500	71.8%	344	500	68.8%	4.3%
1,3-Dichlorobenzene	291	500	58.2%	282	500	56.4%	3.1%
1,4-Dichlorobenzene	293	500	58.6%	285	500	57.0%	2.8%
Benzyl Alcohol	665	1000	66.5%	625	1000	62.5%	6.2%
1,2-Dichlorobenzene	302	500	60.4%	292	500	58.4%	3.4%
2-Methylphenol	325	500	65.0%	320	500	64.0%	1.6%
4-Methylphenol	722	1000	72.2%	697	1000	69.7%	3.5%
Hexachloroethane	296	500	59.2%	285	500	57.0%	3.8%
2,4-Dimethylphenol	256	500	51.2%	249	500	49.8%	2.8%
Benzoic Acid	1080	1500	72.0%	1040	1500	69.3%	3.8%
1,2,4-Trichlorobenzene	295	500	59.0%	282	500	56.4%	4.5%
Naphthalene	314	500	62.8%	300	500	60.0%	4.6%
Hexachlorobutadiene	284	500	56.8%	276	500	55.2%	2.9%
2-Methylnaphthalene	324	500	64.8%	306	500	61.2%	5.7%
Dimethylphthalate	339	500	67.8%	321	500	64.2%	5.5%
Acenaphthylene	343	500	68.6%	320	500	64.0%	6.9%
Acenaphthene	312	500	62.4%	299	500	59.8%	4.3%
Dibenzofuran	340	500	68.0%	325	500	65.0%	4.5%
Diethylphthalate	343	500	68.6%	325	500	65.0%	5.4%
Fluorene	336	500	67.2%	318	500	63.6%	5.5%
N-Nitrosodiphenylamine	469	500	93.8%	447	500	89.4%	4.8%
Hexachlorobenzene	326	500	65.2%	317	500	63.4%	2.8%
Pentachlorophenol	362	500	72.4%	339	500	67.8%	6.6%
Phenanthrene	354	500	70.8%	336	500	67.2%	5.2%
Anthracene	334	500	66.8%	323	500	64.6%	3.3%
Di-n-Butylphthalate	363	500	72.6%	349	500	69.8%	3.9%
Fluoranthene	335	500	67.0%	327	500	65.4%	2.4%
Pyrene	387	500	77.4%	368	500	73.6%	5.0%
Butylbenzylphthalate	401	500	80.2%	382	500	76.4%	4.9%
Benzo(a)anthracene	352	500	70.4%	337	500	67.4%	4.4%
bis(2-Ethylhexyl)phthalate	407	500	81.4%	392	500	78.4%	3.8%
Chrysene	358	500	71.6%	343	500	68.6%	4.3%
Di-n-Octyl phthalate	383	500	76.6%	361	500	72.2%	5.9%
Benzo(b)fluoranthene	388	500	77.6%	357	500	71.4%	8.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: LCSD-102707**
 LCS/LCSD

Lab Sample ID: LCS-102707 QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-23292 Project: Kimberly Clark Anacortes
Matrix: Sediment
Date Analyzed LCS: 11/01/07 15:37
LCSD: 11/01/07 16:08

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Benzo(k)fluoranthene	343	500	68.6%	347	500	69.4%	1.2%
Benzo(a)pyrene	357	500	71.4%	349	500	69.8%	2.3%
Indeno(1,2,3-cd)pyrene	422	500	84.4%	344	500	68.8%	20.4%
Dibenz(a,h)anthracene	437	500	87.4%	417	500	83.4%	4.7%
Benzo(g,h,i)perylene	278	500	55.6%	267	500	53.4%	4.0%
1-Methylnaphthalene	321	500	64.2%	306	500	61.2%	4.8%

Semivolatile Surrogate Recovery

	LCS	LCSD
d5-Nitrobenzene	60.4%	58.0%
2-Fluorobiphenyl	60.4%	58.4%
d14-p-Terphenyl	72.4%	69.6%
d4-1,2-Dichlorobenzene	56.0%	53.2%
d5-Phenol	64.3%	61.9%
2-Fluorophenol	53.3%	49.9%
2,4,6-Tribromophenol	65.1%	64.3%
d4-2-Chlorophenol	62.7%	61.1%

Results reported in µg/kg
RPD calculated using sample concentrations per SW846.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

LR71MBS1

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Lab File ID: LR71MB Date Extracted: 10/10/07

Instrument ID: NT6 Date Analyzed: 10/18/07

Matrix: SOLID Time Analyzed: 1042

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LR71LCSS1	LR71LCSS1	LR71SB	10/18/07
02	AN-SS-01-070927	LR71A	LR71A	10/18/07
03	AN-SS-02-070927	LR71B	LR71B	10/18/07
04	AN-SS-03-070928	LR71C	LR71C	10/18/07
05	AN-SS-07-070928	LR71D	LR71D	10/18/07
06	AN-SS-10-070928	LR71E	LR71E	10/18/07
07	AN-SS-10-070928	LR71EMS	LR71EMS	10/18/07
08	AN-SS-10-070928	LR71EMSD	LR71EMD	10/18/07
09	AN-SS-11-070928	LR71F	LR71F	10/18/07
10	AN-SS-04	LR71H	LR71H	10/18/07
11	AN-SS-05	LR71I	LR71I	10/18/07
12	AN-SS-06	LR71J	LR71J	10/18/07
13	AN-SS-08	LR71K	LR71K	10/18/07
14	AN-SS-09	LR71L	LR71L	10/18/07
15	AN-SS-11-070928	LR71F	LR71FDL	10/19/07
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COMMENTS:

FORM IV SV

4B

SEMIVOLATILE METHOD BLANK SUMMARY

BLANK NO.

LR71MBS2

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Lab File ID: LU10MB Date Extracted: 10/27/07

Instrument ID: NT4 Date Analyzed: 11/01/07

Matrix: SOLID Time Analyzed: 1506

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LR71LCSS2	LR71LCSS2	LU10SB	11/01/07
02	LR71LCSDS2	LR71LCSDS2	LU10SBD	11/01/07
03	AN-SS-01-070927	LR71ARE	LR71A2	11/01/07
04	AN-SS-02-070927	LR71BRE	LR71B2	11/01/07
05	AN-SS-03-070928	LR71CRE	LR71C2	11/01/07
06	AN-SS-07-070928	LR71DRE	LR71D2	11/01/07
07	AN-SS-10-070928	LR71ERE	LR71E2	11/01/07
08	AN-SS-10-070928	LR71EMSRE	LR71EMS2	11/01/07
09	AN-SS-10-070928	LR71EMSDRE	LR71EMD2	11/01/07
10	AN-SS-11-070928	LR71FRE	LR71F2	11/01/07
11	AN-SS-04	LR71HRE	LR71H2	11/01/07
12	AN-SS-05	LR71IRE	LR71I2	11/01/07
13	AN-SS-06	LR71JRE	LR71J2	11/01/07
14	AN-SS-08	LR71KRE	LR71K2	11/01/07
15	AN-SS-09	LR71LRE	LR71L2	11/01/07
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COMMENTS:

FORM IV SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: RIDOLFI, INC.

Instrument ID: NT4 Project: MAKAH NALEMP

DFTPP Injection Date: 10/01/07 DFTPP Injection Time: 1031

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	51.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	60.0
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	25.0 - 75.0% of mass 198	59.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	22.6
365	Greater than 0.75% of mass 198	2.91
441	Present, but less than mass 443	10.1
442	40.0 - 110.0% of mass 198	69.6
443	15.0 - 24.0% of mass 442	12.7 (18.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN 25	ABN 25	0251001	10/01/07	1031
02	ABN 80	ABN 80	0801001	10/01/07	1104
03	ABN 1	ABN 1	0011001	10/01/07	1138
04	ABN 40	ABN 40	0401001	10/01/07	1212
05	ABN 5	ABN 5	0051001	10/01/07	1246
06	ABN 10	ABN 10	0101001	10/01/07	1320
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

Instrument ID: NT6 Project: KIMBERLY CLARK ANACO

DFTPP Injection Date: 10/01/07 DFTPP Injection Time: 1054

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	47.2
68	Less than 2.0% of mass 69	0.5 (0.8)1
69	Mass 69 relative abundance	67.4
70	Less than 2.0% of mass 69	0.3 (0.5)1
127	25.0 - 75.0% of mass 198	51.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	22.1
365	Greater than 0.75% of mass 198	3.35
441	Present, but less than mass 443	9.6
442	40.0 - 110.0% of mass 198	61.1
443	15.0 - 24.0% of mass 442	12.0 (19.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN 25	ABN 25	0251001	10/01/07	1054
02	ABN 80	ABN 80	0801001	10/01/07	1128
03	ABN 1	ABN 1	0011001	10/01/07	1203
04	ABN 40	ABN 40	0401001	10/01/07	1238
05	ABN 5	ABN 5	0051001	10/01/07	1312
06	ABN 10	ABN 10	0101001	10/01/07	1347
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FORM V SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

Instrument ID: NT6 Project: KIMBERLY CLARK ANACO

DFTPP Injection Date: 10/18/07 DFTPP Injection Time: 1007

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	47.7
68	Less than 2.0% of mass 69	0.4 (0.6)1
69	Mass 69 relative abundance	67.6
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	25.0 - 75.0% of mass 198	50.5
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	23.9
365	Greater than 0.75% of mass 198	3.02
441	Present, but less than mass 443	9.6
442	40.0 - 110.0% of mass 198	65.5
443	15.0 - 24.0% of mass 442	12.7 (19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN CCAL	ABN 25	CC1018	10/18/07	1007
02	LR71MBS1	LR71MBS1	LR71MB	10/18/07	1042
03	LR71LCSS1	LR71LCSS1	LR71SB	10/18/07	1115
04	AN-SS-01-070927	LR71A	LR71A	10/18/07	1439
05	AN-SS-02-070927	LR71B	LR71B	10/18/07	1513
06	AN-SS-03-070928	LR71C	LR71C	10/18/07	1547
07	AN-SS-07-070928	LR71D	LR71D	10/18/07	1621
08	AN-SS-10-070928	LR71E	LR71E	10/18/07	1655
09	AN-SS-10-070928	LR71EMS	LR71EMS	10/18/07	1729
10	AN-SS-10-070928	LR71EMSD	LR71EMD	10/18/07	1803
11	AN-SS-11-070928	LR71F	LR71F	10/18/07	1836
12	AN-SS-04	LR71H	LR71H	10/18/07	1910
13	AN-SS-05	LR71I	LR71I	10/18/07	1944
14	AN-SS-06	LR71J	LR71J	10/18/07	2018
15	AN-SS-08	LR71K	LR71K	10/18/07	2051
16	AN-SS-09	LR71L	LR71L	10/18/07	2125
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FORM V SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

Instrument ID: NT6 Project: KIMBERLY CLARK ANACO

DFTPP Injection Date: 10/19/07 DFTPP Injection Time: 0925

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	47.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	66.8
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	25.0 - 75.0% of mass 198	54.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.4
275	10.0 - 30.0% of mass 198	23.4
365	Greater than 0.75% of mass 198	2.83
441	Present, but less than mass 443	9.3
442	40.0 - 110.0% of mass 198	63.8
443	15.0 - 24.0% of mass 442	12.3 (19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN CCAL	ABN 25	CC1019	10/19/07	0925
02	AN-SS-11-070928	LR71F	LR71FDL	10/19/07	1751
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FORM V SV

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: ANALYTICAL RESOURCES, INC Client: RIDOLFI, INC.

Instrument ID: NT4 Project: MAKAH NALEMP

DFTPP Injection Date: 11/01/07 DFTPP Injection Time: 1435

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	54.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	62.6
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	25.0 - 75.0% of mass 198	60.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	20.7
365	Greater than 0.75% of mass 198	4.13
441	Present, but less than mass 443	9.4
442	40.0 - 110.0% of mass 198	67.0
443	15.0 - 24.0% of mass 442	13.3 (19.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ABN CCAL	ABN 25	CC1101	11/01/07	1435
02	LR71MBS2	LR71MBS2	LU10MB	11/01/07	1506
03	LR71LCSS2	LR71LCSS2	LU10SB	11/01/07	1537
04	LR71LCSDS2	LR71LCSDS2	LU10SBD	11/01/07	1608
05	AN-SS-01-070927	LR71ARE	LR71A2	11/01/07	1639
06	AN-SS-02-070927	LR71BRE	LR71B2	11/01/07	1711
07	AN-SS-03-070928	LR71CRE	LR71C2	11/01/07	1742
08	AN-SS-07-070928	LR71DRE	LR71D2	11/01/07	1813
09	AN-SS-10-070928	LR71ERE	LR71E2	11/01/07	1845
10	AN-SS-10-070928	LR71EMSRE	LR71EMS2	11/01/07	1916
11	AN-SS-10-070928	LR71EMSDRE	LR71EMD2	11/01/07	1947
12	AN-SS-11-070928	LR71FRE	LR71F2	11/01/07	2018
13	AN-SS-04	LR71HRE	LR71H2	11/01/07	2050
14	AN-SS-05	LR71IRE	LR71I2	11/01/07	2121
15	AN-SS-06	LR71JRE	LR71J2	11/01/07	2152
16	AN-SS-08	LR71KRE	LR71K2	11/01/07	2223
17	AN-SS-09	LR71LRE	LR71L2	11/01/07	2254
18					
19					
20					
21					
22					

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Cont. Calib. ID: CC1018 Date Analyzed: 10/18/07

Instrument ID: NT6 Time Analyzed: 1007

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	209365	7.90	696408	9.96	426299	12.84
	UPPER LIMIT	418730	8.40	1392816	10.46	852598	13.34
	LOWER LIMIT	104682	7.40	348204	9.46	213150	12.34
	CLIENT SAMP. NO.						
01	LR71MBS1	196851	7.91	642624	9.97	392528	12.85
02	LR71LCSS1	204541	7.91	663850	9.97	401615	12.85
03	AN-SS-01-070	189191	7.91	616459	9.97	376667	12.85
04	AN-SS-02-070	197786	7.91	668243	9.97	428728	12.86
05	AN-SS-03-070	202713	7.92	630327	9.97	373356	12.85
06	AN-SS-07-070	196689	7.92	614521	9.97	366890	12.85
07	AN-SS-10-070	197254	7.91	601231	9.97	326575	12.85
08	AN-SS-10-070	179861	7.92	596899	9.97	381704	12.85
09	AN-SS-10-070	193234	7.91	606199	9.97	362845	12.85
10	AN-SS-11-070	189400	7.91	594257	9.97	356615	12.85
11	AN-SS-04	177695	7.91	520814	9.97	279072	12.85
12	AN-SS-05	197352	7.92	632048	9.97	393756	12.85
13	AN-SS-06	203049	7.91	607154	9.97	323111	12.85
14	AN-SS-08	194329	7.91	605202	9.97	382755	12.86
15	AN-SS-09	194381	7.91	626323	9.97	398480	12.85
16							
17							
18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Cont. Calib. ID: CC1018 Date Analyzed: 10/18/07

Instrument ID: NT6 Time Analyzed: 1007

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	686887		15.22		718747		19.56		680717		21.72	
	UPPER LIMIT	1373774		15.72		1437494		20.06		1361434		22.22	
	LOWER LIMIT	343444		14.72		359374		19.06		340358		21.22	
	CLIENT SAMP. NO.												
01	LR71MBS1	628504		15.23		591236		19.57		554552		21.73	
02	LR71LCSS1	652120		15.23		650993		19.57		583887		21.73	
03	AN-SS-01-070	660463		15.23		701501		19.58		580716		21.74	
04	AN-SS-02-070	772764		15.24		927641		19.60		693915		21.77	
05	AN-SS-03-070	659639		15.24		756753		19.58		678558		21.75	
06	AN-SS-07-070	635257		15.24		752882		19.57		621049		21.74	
07	AN-SS-10-070	507145		15.23		615072		19.57		589955		21.73	
08	AN-SS-10-070	629026		15.24		637723		19.57		549566		21.73	
09	AN-SS-10-070	619131		15.24		682731		19.57		561100		21.73	
10	AN-SS-11-070	642771		15.24		858973		19.59		589128		21.75	
11	AN-SS-04	480458		15.24		775891		19.58		615101		21.76	
12	AN-SS-05	712380		15.24		903473		19.59		572397		21.75	
13	AN-SS-06	496959		15.24		681258		19.57		534656		21.74	
14	AN-SS-08	698411		15.24		900542		19.60		511997		21.77	
15	AN-SS-09	717880		15.24		858666		19.59		534676		21.76	
16													
17													
18													
19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Cont. Calib. ID: CC1018 Date Analyzed: 10/18/07

Instrument ID: NT6 Time Analyzed: 1007

		IS7 AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1031594	20.72				
	UPPER LIMIT	2063188	21.22				
	LOWER LIMIT	515797	20.22				
	CLIENT SAMP. NO.						
01	LR71MBS1	863452	20.73				
02	LR71LCSS1	956174	20.74				
03	AN-SS-01-070	995717	20.74				
04	AN-SS-02-070	1267104	20.76				
05	AN-SS-03-070	1082814	20.74				
06	AN-SS-07-070	998802	20.74				
07	AN-SS-10-070	877776	20.73				
08	AN-SS-10-070	931529	20.73				
09	AN-SS-10-070	1005443	20.73				
10	AN-SS-11-070	1211080	20.74				
11	AN-SS-04	1148629	20.75				
12	AN-SS-05	1217237	20.75				
13	AN-SS-06	963453	20.73				
14	AN-SS-08	1250276	20.75				
15	AN-SS-09	1251061	20.75				
16							
17							
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19							
20							
21							
22							

IS7 = Di-n-octylphthalate-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

8B
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Cont. Calib. ID: CC1019 Date Analyzed: 10/19/07

Instrument ID: NT6 Time Analyzed: 0925

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
	12 HOUR STD	226424		7.84		707249		9.91		406888		12.79	
	UPPER LIMIT	452848		8.34		1414498		10.41		813776		13.29	
	LOWER LIMIT	113212		7.34		353624		9.41		203444		12.29	
	CLIENT SAMP. NO.												
01	AN-SS-11-070	158077		7.83		468974		9.90		256484		12.78	
02													
03													
04													
05													
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19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Cont. Calib. ID: CC1019 Date Analyzed: 10/19/07

Instrument ID: NT6 Time Analyzed: 0925

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	651776		15.17		737814		19.51		694786		21.68	
	UPPER LIMIT	1303552		15.67		1475628		20.01		1389572		22.18	
	LOWER LIMIT	325888		14.67		368907		19.01		347393		21.18	
	CLIENT SAMP. NO.												
01	AN-SS-11-070	447168		15.16		604323		19.51		516042		21.67	
02													
03													
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19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: ANCHOR

ARI Job No: LR71 Project: KIMBERLY CLARK ANACO

Cont. Calib. ID: CC1019 Date Analyzed: 10/19/07

Instrument ID: NT6 Time Analyzed: 0925

		IS7 AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	1065410	20.69				
	UPPER LIMIT	2130820	21.19				
	LOWER LIMIT	532705	20.19				
	CLIENT SAMP. NO.						
01	AN-SS-11-070	847787	20.68				
02							
03							
04							
05							
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22							

IS7 = Di-n-octylphthalate-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-3

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: RIDOLFI, INC.

ARI Job No: LR71 Project: MAKAH NALEMP

Cont. Calib. ID: CC1101 Date Analyzed: 11/01/07

Instrument ID: NT4 Time Analyzed: 1435

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
	12 HOUR STD	145384		6.82		530525		8.87		280701		11.68	
	UPPER LIMIT	290768		7.32		1061050		9.37		561402		12.18	
	LOWER LIMIT	72692		6.32		265262		8.37		140350		11.18	
	CLIENT SAMP. NO.												
01	LR71MBS2	150402		6.82		557632		8.87		296628		11.68	
02	LR71LCSS2	165263		6.82		613454		8.87		325298		11.69	
03	LR71LCSDS2	162567		6.82		609064		8.87		327334		11.68	
04	AN-SS-01-070	149931		6.82		560313		8.87		297876		11.68	
05	AN-SS-02-070	133446		6.83		482322		8.87		261814		11.68	
06	AN-SS-03-070	165249		6.83		611125		8.87		318065		11.69	
07	AN-SS-07-070	171353		6.82		635791		8.87		319126		11.68	
08	AN-SS-10-070	166412		6.82		605024		8.87		318217		11.68	
09	AN-SS-10-070	169624		6.82		621446		8.87		337720		11.69	
10	AN-SS-10-070	147079		6.82		543344		8.87		289705		11.68	
11	AN-SS-11-070	165938		6.83		598961		8.87		317563		11.68	
12	AN-SS-04	164152		6.82		605587		8.87		309756		11.68	
13	AN-SS-05	151499		6.83		551420		8.87		322672		11.69	
14	AN-SS-06	170134		6.83		616125		8.87		328811		11.69	
15	AN-SS-08	148189		6.82		563265		8.87		333421		11.69	
16	AN-SS-09	164643		6.83		587768		8.88		323476		11.69	
17													
18													
19													
20													
21													
22													

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

8C
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: RIDOLFI, INC.

ARI Job No: LR71 Project: MAKAH NALEMP

Cont. Calib. ID: CC1101 Date Analyzed: 11/01/07

Instrument ID: NT4 Time Analyzed: 1435

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	391934		14.00		354658		18.22		400782		20.33	
	UPPER LIMIT	783868		14.50		709316		18.72		801564		20.83	
	LOWER LIMIT	195967		13.50		177329		17.72		200391		19.83	
	CLIENT SAMP. NO.												
01	LR71MBS2	428044		13.99		370917		18.22		385229		20.32	
02	LR71LCSS2	467434		14.00		378695		18.22		392157		20.32	
03	LR71LCSDS2	470911		14.00		387827		18.22		391270		20.32	
04	AN-SS-01-070	435451		14.00		502690		18.24		501155		20.35	
05	AN-SS-02-070	419690		14.01		665106		18.26		496914		20.38	
06	AN-SS-03-070	432391		14.00		445581		18.23		475370		20.34	
07	AN-SS-07-070	452619		14.00		450806		18.23		492085		20.34	
08	AN-SS-10-070	442973		14.00		467873		18.22		492457		20.33	
09	AN-SS-10-070	442952		14.00		446427		18.23		516940		20.33	
10	AN-SS-10-070	392842		14.00		420545		18.23		457106		20.34	
11	AN-SS-11-070	443947		14.00		522303		18.25		527367		20.36	
12	AN-SS-04	442675		14.00		530706		18.25		559995		20.37	
13	AN-SS-05	528121		14.01		583655		18.26		490412		20.36	
14	AN-SS-06	471706		14.00		504181		18.23		562162		20.34	
15	AN-SS-08	523860		14.01		362137		18.29		415986		20.41	
16	AN-SS-09	493723		14.00		557406		18.27		452167		20.39	
17													
18													
19													
20													
21													
22													

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ANALYTICAL RESOURCES, INC Client: RIDOLFI, INC.

ARI Job No: LR71 Project: MAKAH NALEMP

Cont. Calib. ID: CC1101 Date Analyzed: 11/01/07

Instrument ID: NT4 Time Analyzed: 1435

		IS7 AREA #	RT #	AREA #	RT #	AREA #	RT #
	12 HOUR STD	506314	19.50				
	UPPER LIMIT	1012628	20.00				
	LOWER LIMIT	253157	19.00				
	CLIENT SAMP. NO.						
01	LR71MBS2	507823	19.50				
02	LR71LCSS2	529884	19.50				
03	LR71LCSDS2	530771	19.50				
04	AN-SS-01-070	753759	19.52				
05	AN-SS-02-070	693549	19.54				
06	AN-SS-03-070	622522	19.51				
07	AN-SS-07-070	635306	19.51				
08	AN-SS-10-070	644799	19.50				
09	AN-SS-10-070	603758	19.51				
10	AN-SS-10-070	559864	19.50				
11	AN-SS-11-070	767428	19.52				
12	AN-SS-04	720058	19.53				
13	AN-SS-05	812092	19.53				
14	AN-SS-06	692029	19.51				
15	AN-SS-08	738341	19.56				
16	AN-SS-09	752279	19.54				
17							
18							
19							
20							
21							
22							

IS7 = Di-n-octylphthalate-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

Semivolatile Organics
Sample Data

prepared
for

ANCHOR ENVIRONMENTAL

Project : KIMBERLY CLARK ANACORTES

ARI JOB NO. LR71

prepared
by

Analytical Resources, Inc.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-01-070927
SAMPLE

Lab Sample ID: LR71A
LIMS ID: 07-20766
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 14:39
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.5%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**62**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**42**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**64**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**130**
129-00-0	**Pyrene**	**20**	**110**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**34**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**57**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**37**
207-08-9	**Benzo(k)fluoranthene**	**20**	**48**
50-32-8	**Benzo(a)pyrene**	**20**	**36**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-01-070927**
Page 2 of 2 **SAMPLE**

Lab Sample ID: LR71A QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20766 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 14:39

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	53.6%	2-Fluorobiphenyl	55.2%
d14-p-Terphenyl	71.6%	d4-1,2-Dichlorobenzene	47.6%
d5-Phenol	60.3%	2-Fluorophenol	68.8%
2,4,6-Tribromophenol	74.4%	d4-2-Chlorophenol	58.7%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71a.d
Lab Smp Id: LR71A Client Smp ID: AN-SS-01-070927
Inj Date : 18-OCT-2007 14:39
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71A
Misc Info : 07-20766
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 10/25/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	104.00000	Weight of sample extracted (g)
M	51.50000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.971	5.917	(0.755)	359002	25.7500	510.5
$	2 Phenol-d5	99	7.499	7.488	(0.948)	401760	22.5583	447.2
	3 Phenol	94	7.515	7.504	(0.950)	15296	0.69300 LDL	13.74
$	5 2-Chlorophenol-d4	132	7.611	7.600	(0.962)	261494	22.0450	437.1
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.910	7.904	(1.000)	189191	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	8.209	8.204	(1.038)	105496	11.8601	235.1
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.679	8.674	(1.097)	41867	3.15122	62.47
$	18 Nitrobenzene-d5	82	8.845	8.845	(0.887)	265232	13.3912	265.5
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.967	9.961	(1.000)	616459	20.0000	
	28 Naphthalene	128	9.999	9.999	(1.003)	81037	2.13260	42.28
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.783	11.777	(0.917)	403450	13.7569	272.7
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.851	12.841	(1.000)	376667	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.150	14.139	(1.101)	101815	27.8604	552.3
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.234	15.223	(1.000)	660463	20.0000	
	60 Phenanthrene	178	15.271	15.261	(1.002)	137800	3.25186	64.47
	61 Anthracene	178	15.341	15.335	(1.007)	26368	0.62144 J DL	12.32
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	17.221	17.205	(1.130)	320594	6.61567	131.2
65	Pyrene	202	17.579	17.563	(0.898)	288117	5.71859	113.4
$ 66	Terphenyl-d14	244	17.905	17.884	(0.915)	564788	17.9095	355.1
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	19.545	19.529	(0.998)	95422	1.73609	34.42
* 69	Chrysene-d12	240	19.577	19.556	(1.000)	701501	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.615	19.598	(1.002)	142277	2.88051	57.11
72	bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
* 134	Di-n-octylphthalate-d4	153	20.742	20.720	(1.000)	995717	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	21.212	21.190	(0.976)	78250	1.87645	37.20(M)
75	Benzo(k)fluoranthene	252	21.228	21.228	(0.976)	106512	2.41453	47.87(M)
76	Benzo(a)pyrene	252	21.661	21.639	(0.996)	69833	1.82423	36.17
* 77	Perylene-d12	264	21.741	21.719	(1.000)	580716	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.226	23.215	(1.068)	31312	0.68970 LDL	13.67
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	23.637	23.616	(1.087)	24432	0.53816	10.67
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	7.424	7.456	(0.939)	23827	0.94043	18.64(M)
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71a.d
Lab Smp Id: LR71A
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20766

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-01-070927
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	189191	-10.79
27 Naphthalene-d8	656578	328289	1313156	616459	-6.11
42 Acenaphthene-d10	353705	176852	707410	376667	6.49
59 Phenanthrene-d10	526440	263220	1052880	660463	25.46
69 Chrysene-d12	581923	290962	1163846	701501	20.55
134 Di-n-octylphthala	979097	489548	1958194	995717	1.70
77 Perylene-d12	686531	343266	1373062	580716	-15.41

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.07
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.06
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.08
59 Phenanthrene-d10	15.22	14.72	15.72	15.23	0.07
69 Chrysene-d12	19.56	19.06	20.06	19.58	0.11
134 Di-n-octylphthala	20.72	20.22	21.22	20.74	0.10
77 Perylene-d12	21.72	21.22	22.22	21.74	0.10

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

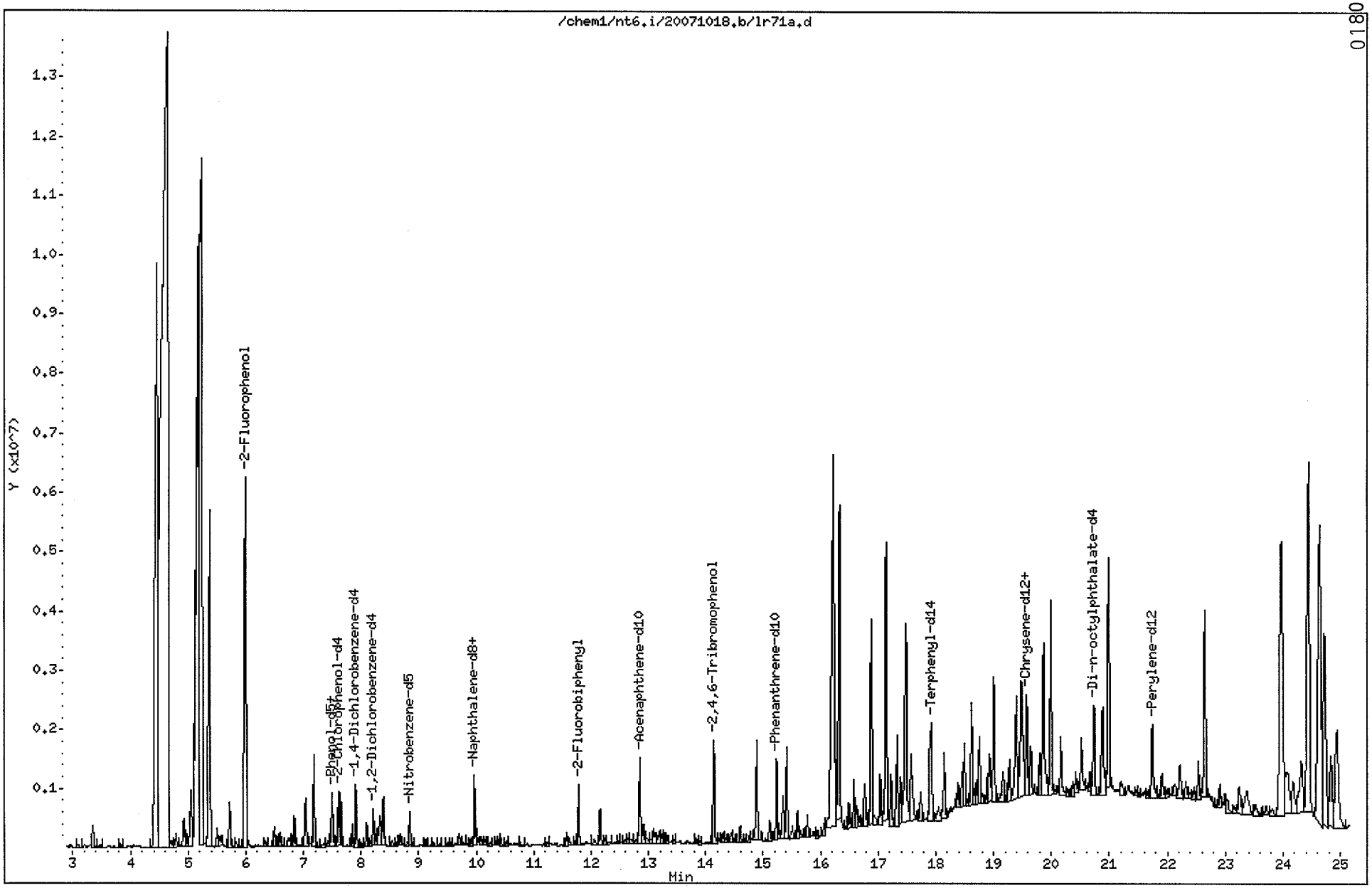
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71A
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20766

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-01-070927
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	743.5	510.5	68.67	11-84
$ 2 Phenol-d5	743.5	447.2	60.16	25-86
$ 5 2-Chlorophenol-d4	743.5	437.1	58.79	23-91
$ 10 1,2-Dichlorobenzen	495.6	235.1	47.44	24-90
$ 18 Nitrobenzene-d5	495.6	265.5	53.56	26-88
$ 36 2-Fluorobiphenyl	495.6	272.7	55.03	34-91
$ 55 2,4,6-Tribromophen	743.5	552.3	74.29	25-107
$ 66 Terphenyl-d14	495.6	355.1	71.64	22-100

Data File: /chem1/nt6.i/20071018.b/lr71a.d
Date : 18-OCT-2007 14:39
Client ID: AN-SS-01-070927
Sample Info: LR71A
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

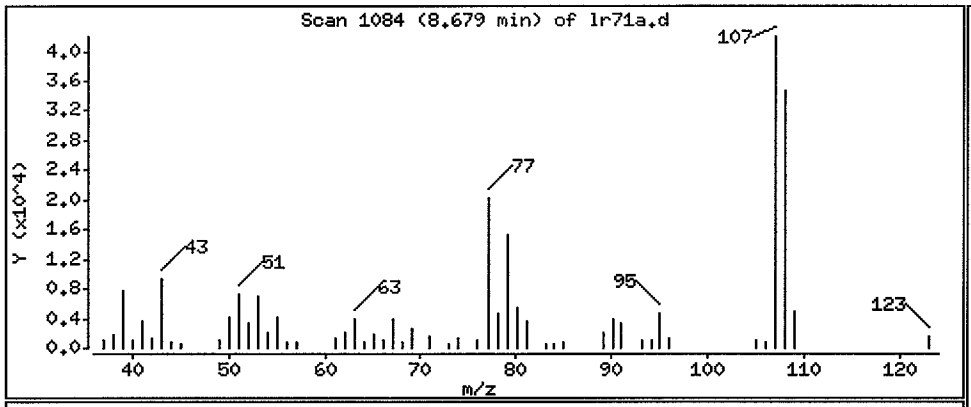
Client ID: AN-SS-01-070927 Instrument: nt6.i

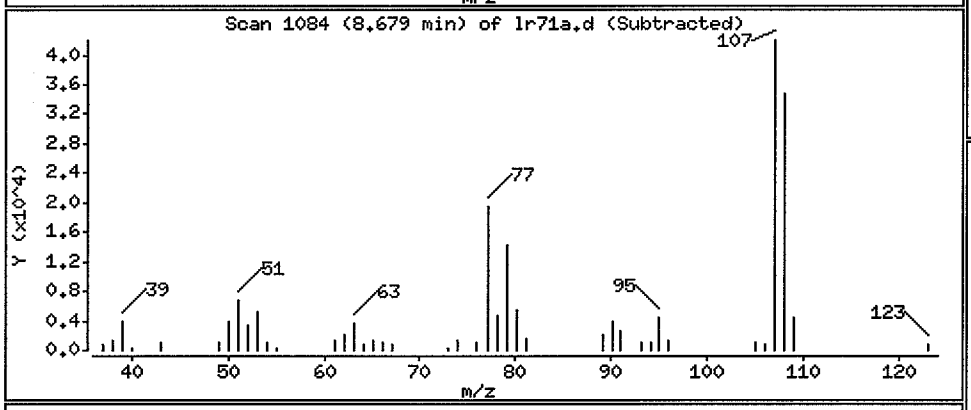
Sample Info: LR71A

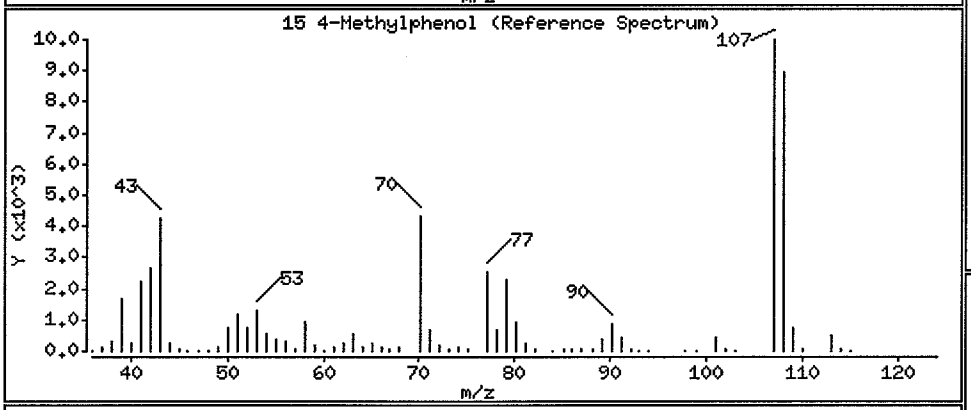
Volume Injected (uL): 1.0 Operator: LJR/VTS

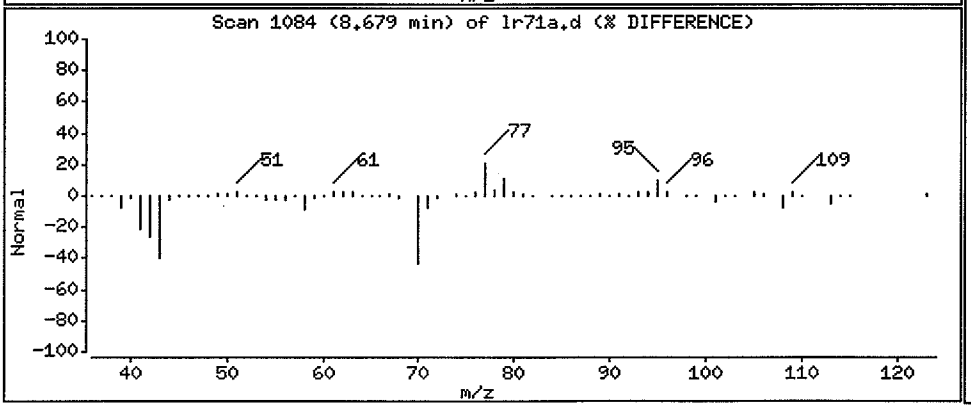
Column phase: ZB-5 Column diameter: 0.32

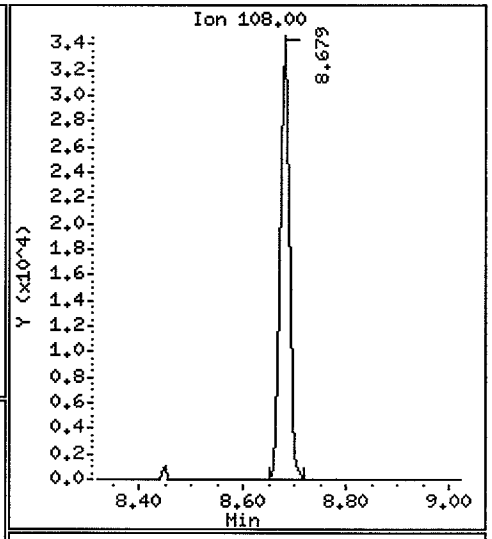
15 4-Methylphenol Concentration: 62.47 ug/kg

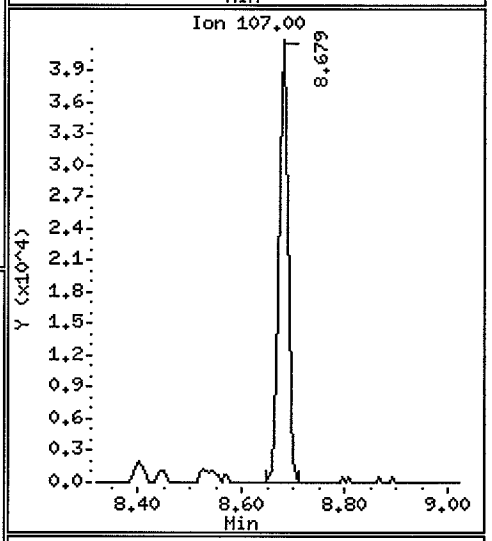


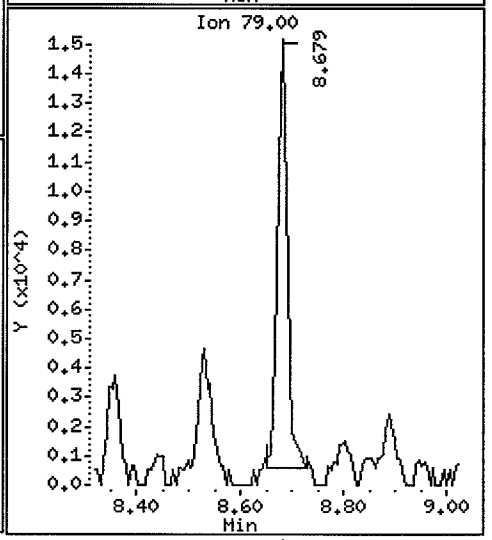












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

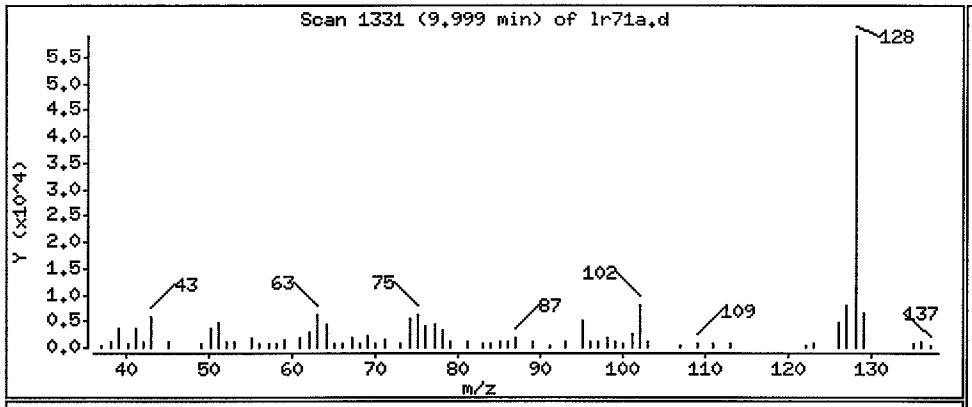
Client ID: AN-SS-01-070927 Instrument: nt6.i

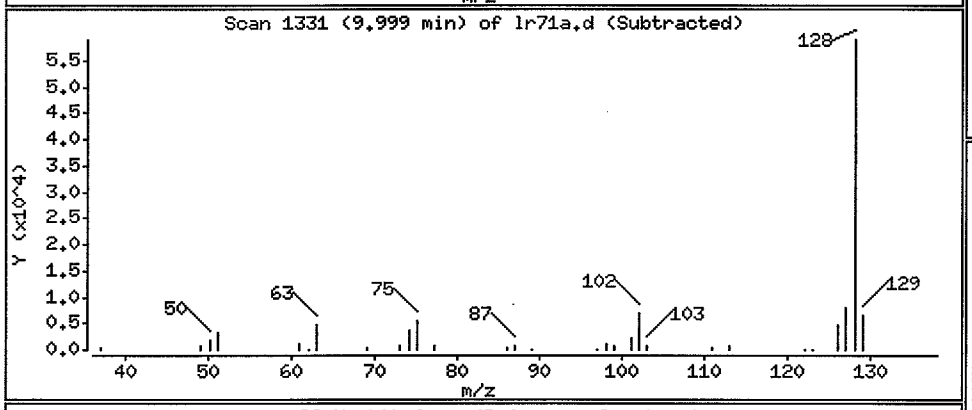
Sample Info: LR71A

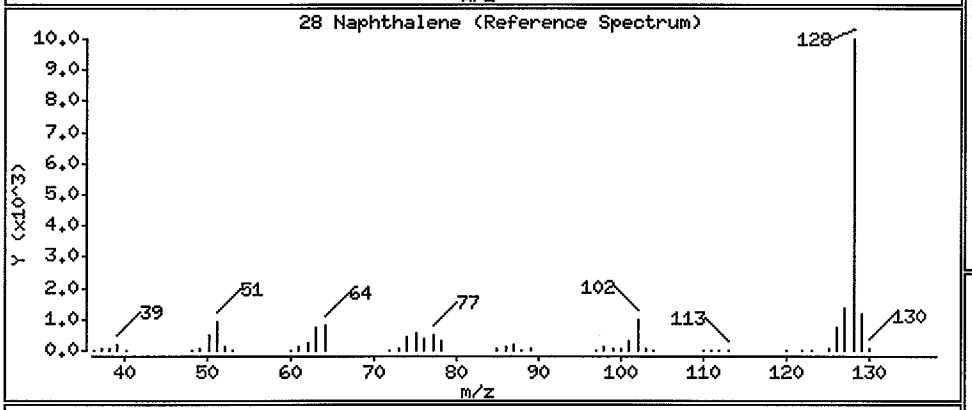
Volume Injected (uL): 1.0 Operator: LJR/VTS

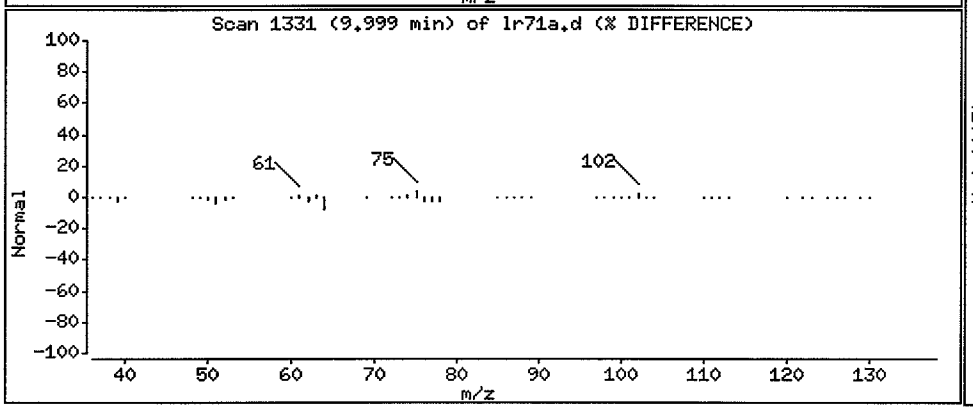
Column phase: ZB-5 Column diameter: 0.32

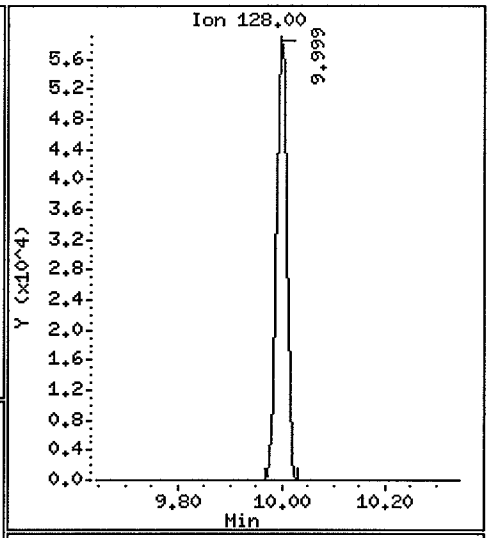
28 Naphthalene Concentration: 42.28 ug/kg

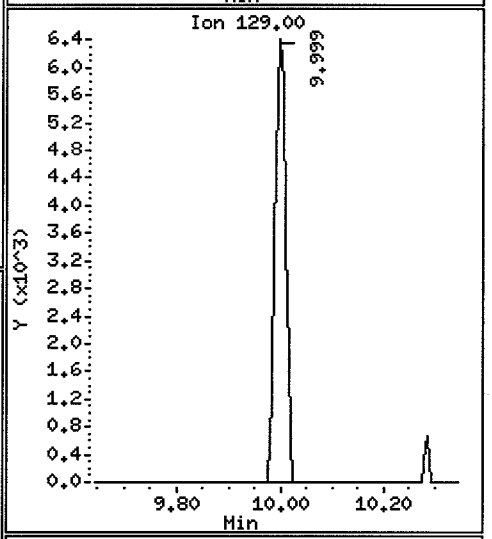


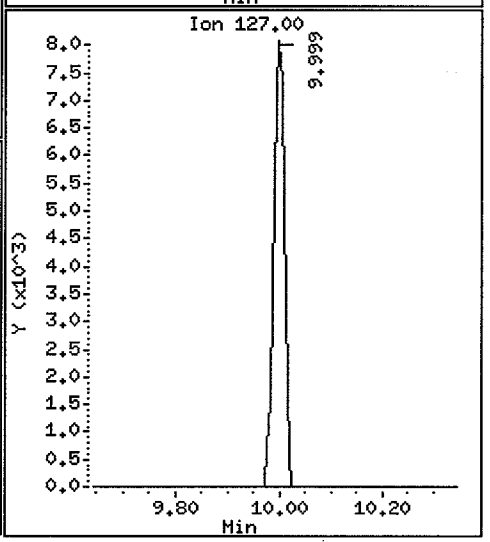












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

Client ID: AN-SS-01-070927

Instrument: nt6.i

Sample Info: LR71A

Volume Injected (uL): 1.0

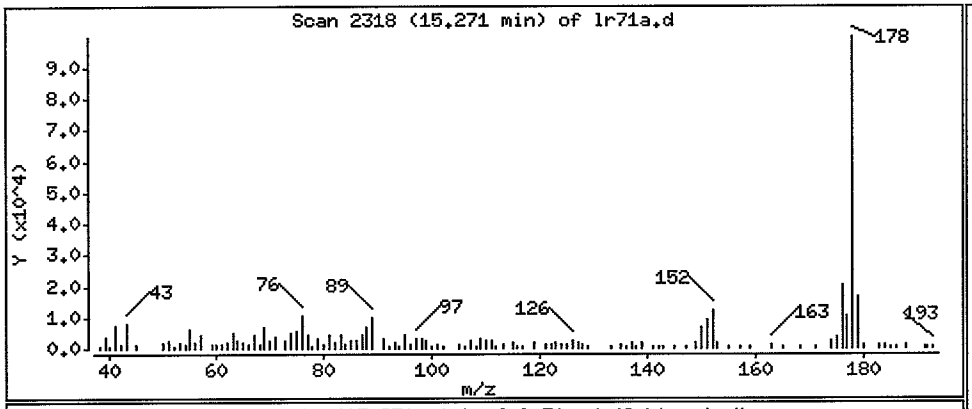
Operator: LJR/VTS

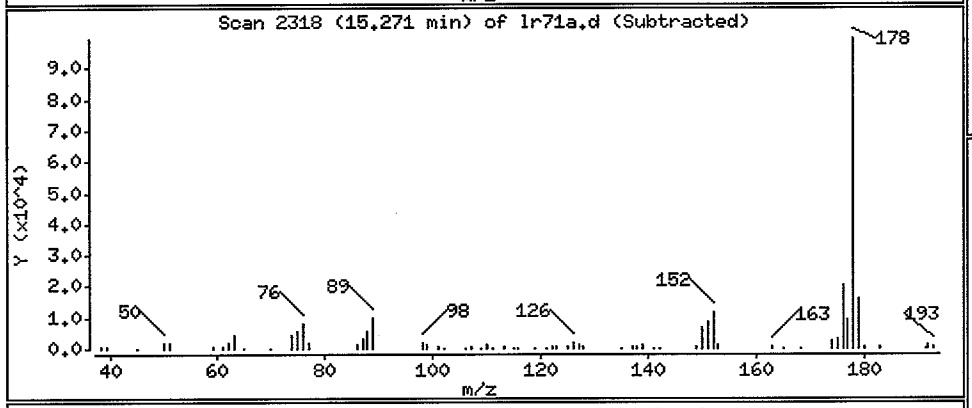
Column phase: ZB-5

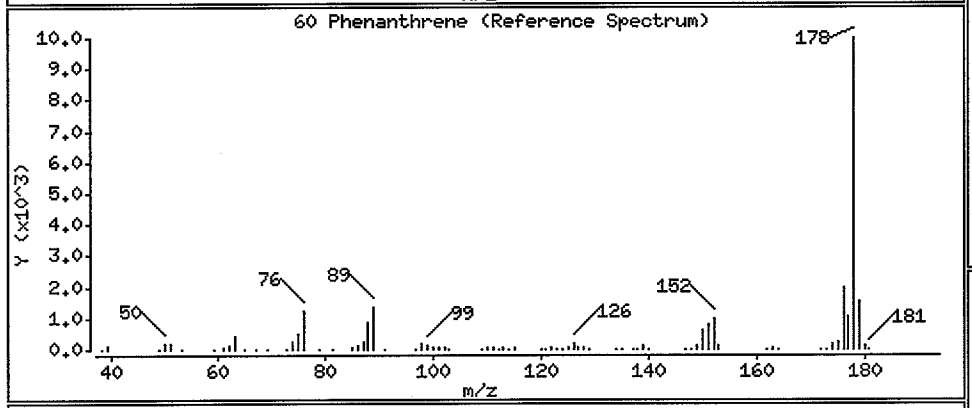
Column diameter: 0.32

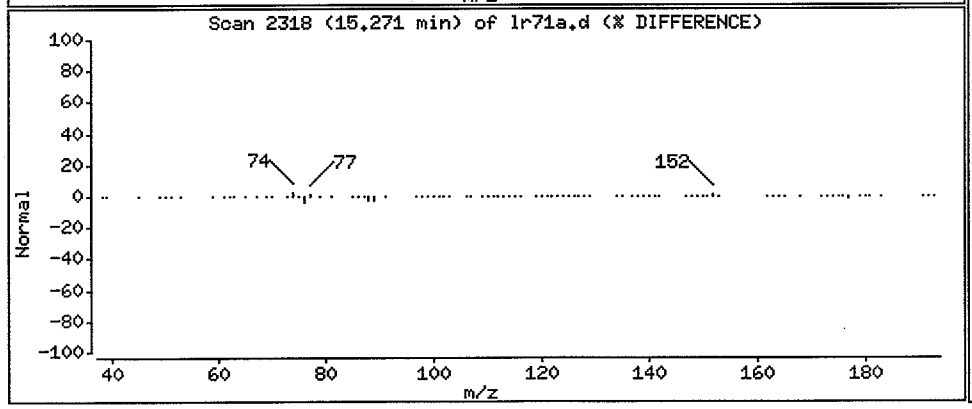
60 Phenanthrene

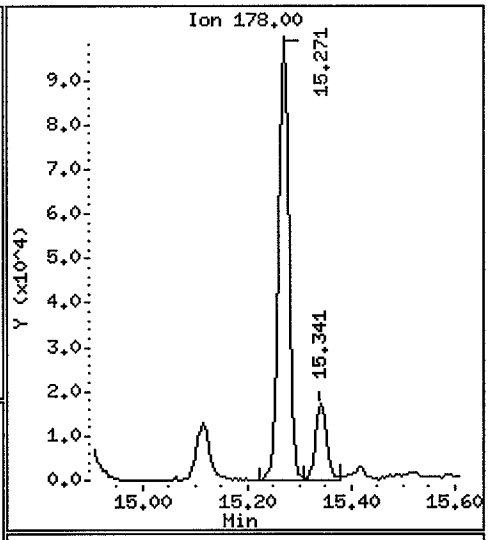
Concentration: 64.47 ug/kg

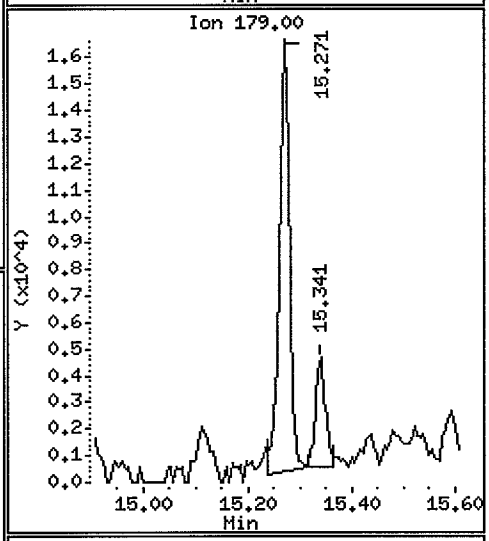


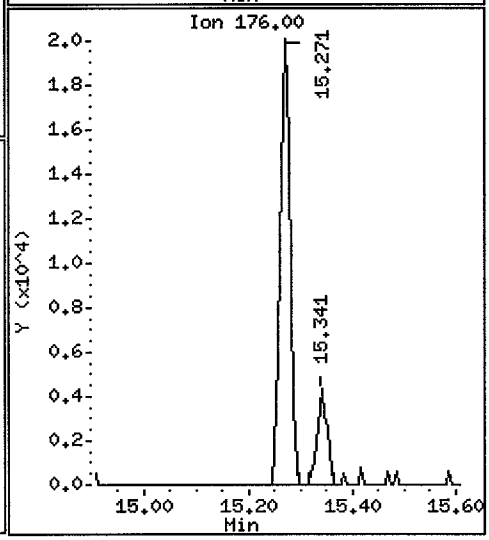












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

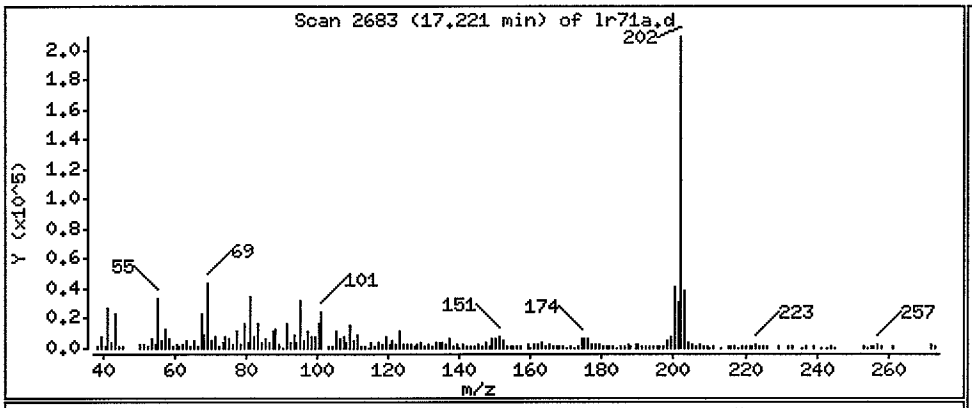
Client ID: AN-SS-01-070927 Instrument: nt6.i

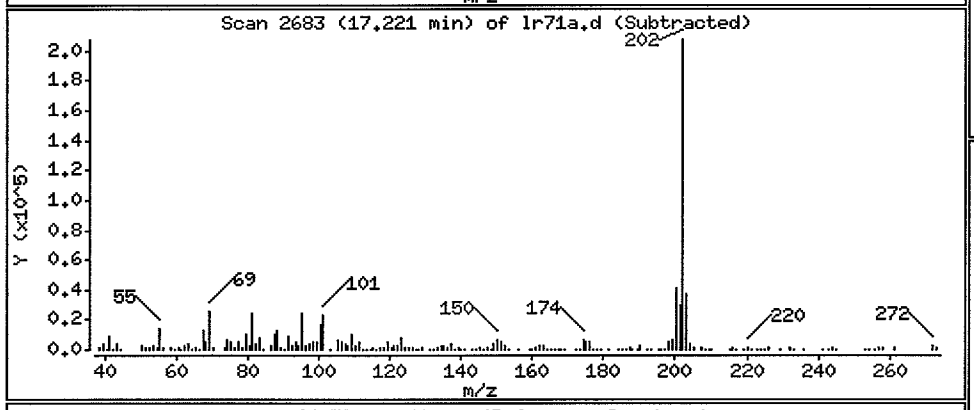
Sample Info: LR71A

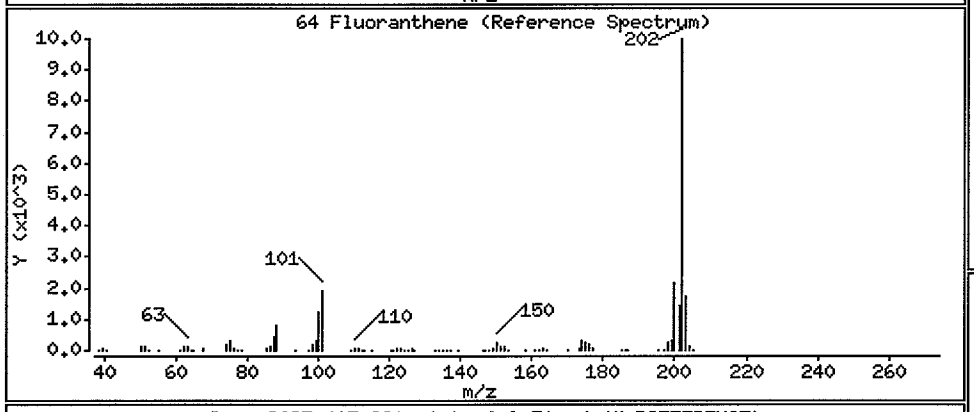
Volume Injected (uL): 1.0 Operator: LJR/VTS

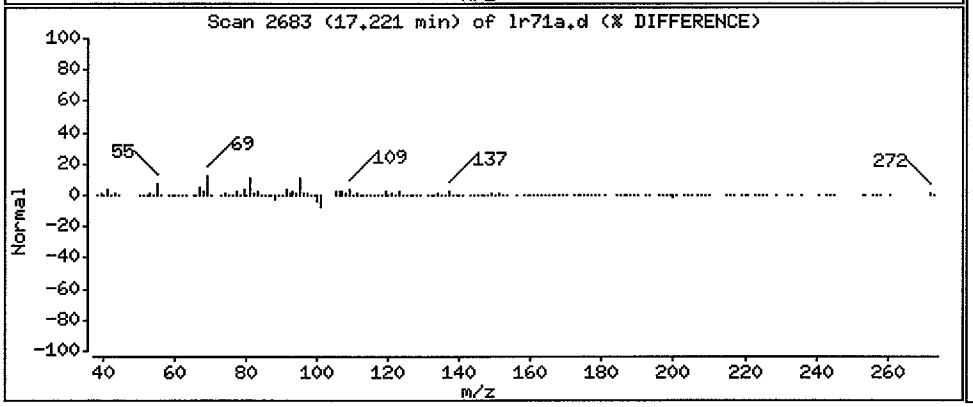
Column phase: ZB-5 Column diameter: 0.32

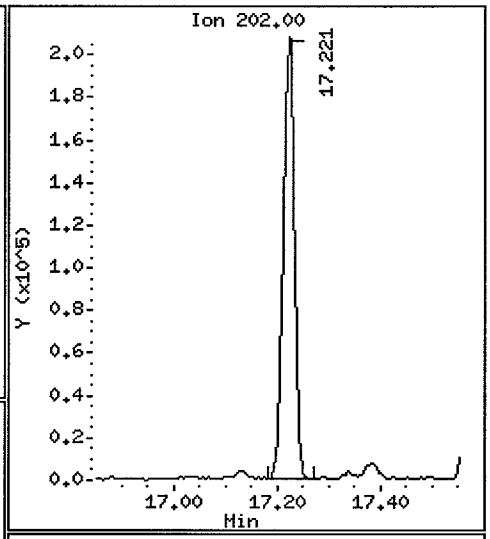
64 Fluoranthene Concentration: 131.2 ug/kg

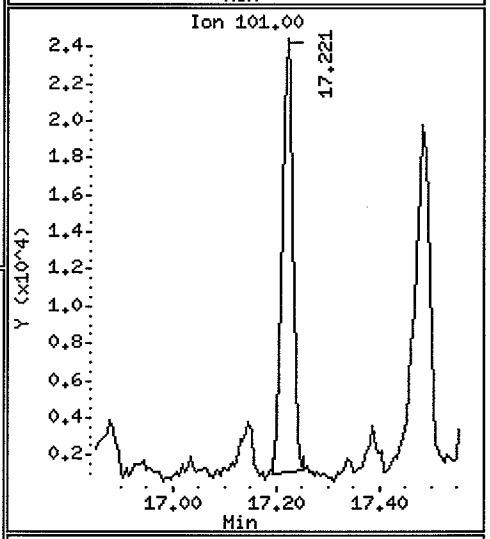


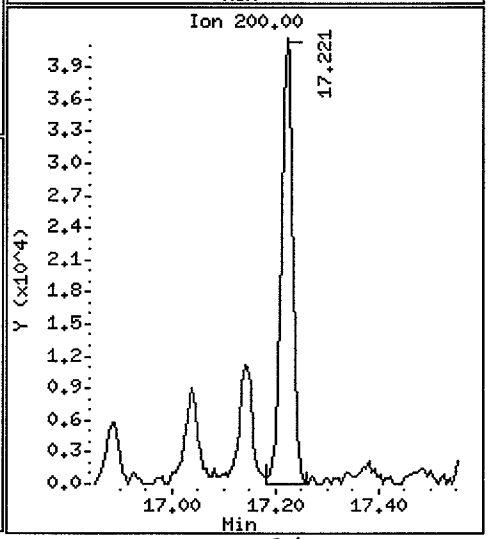












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

Client ID: AN-SS-01-070927

Instrument: nt6.i

Sample Info: LR71A

Volume Injected (uL): 1.0

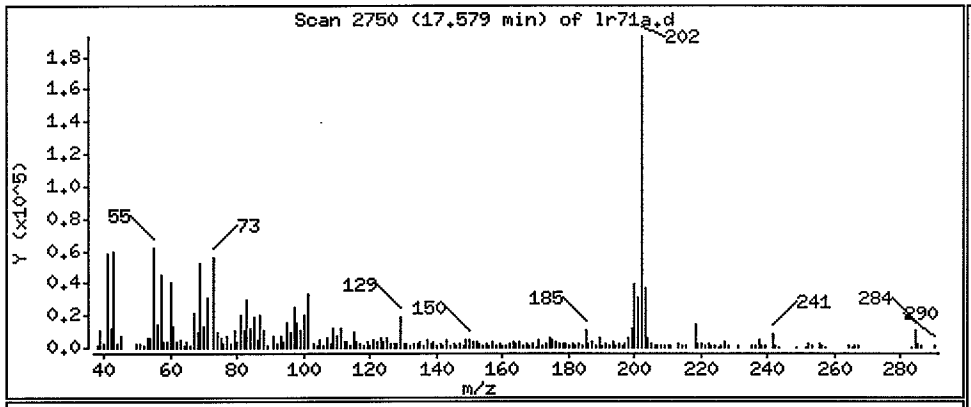
Operator: LJR/VTS

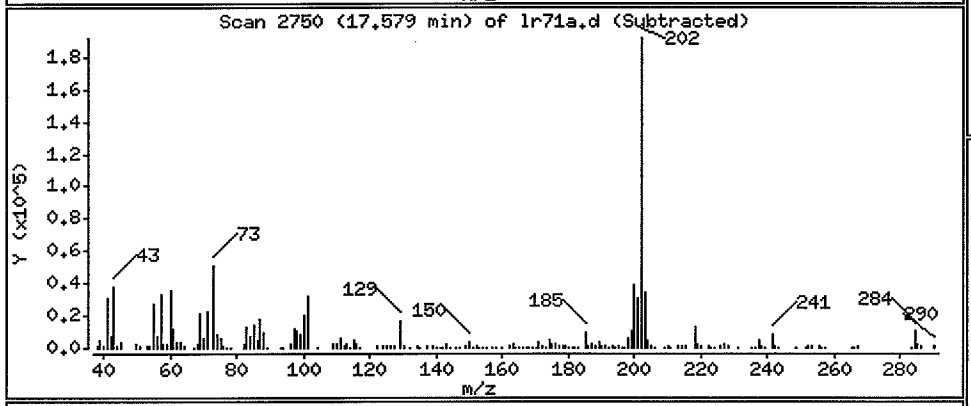
Column phase: ZB-5

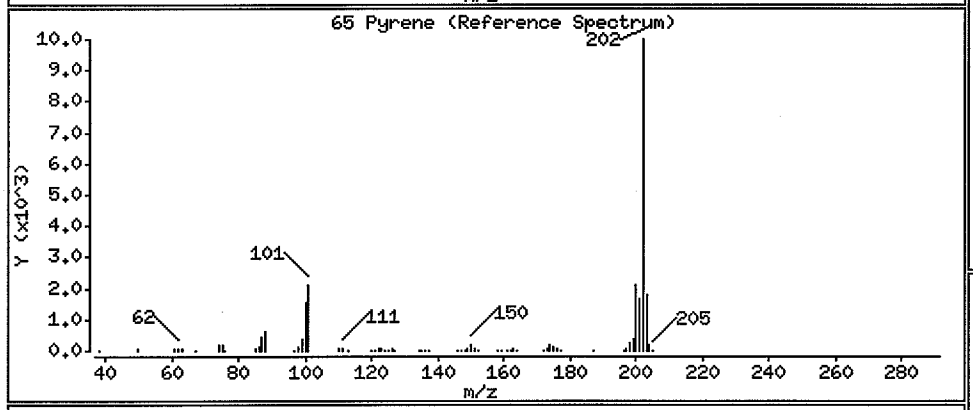
Column diameter: 0.32

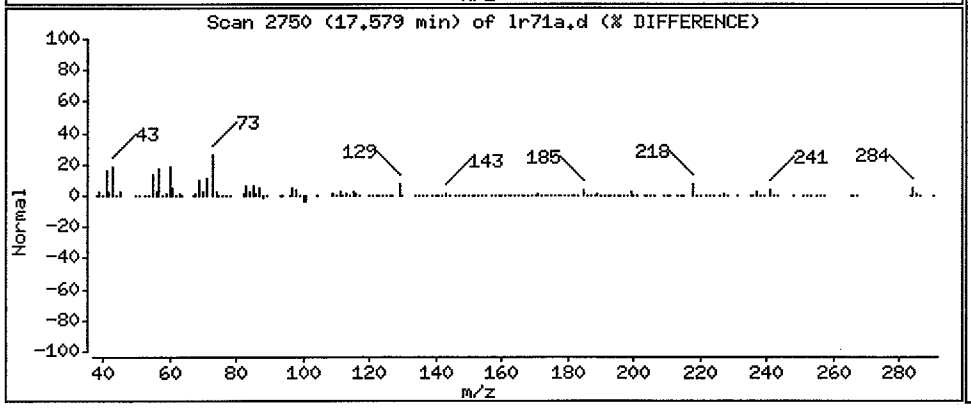
65 Pyrene

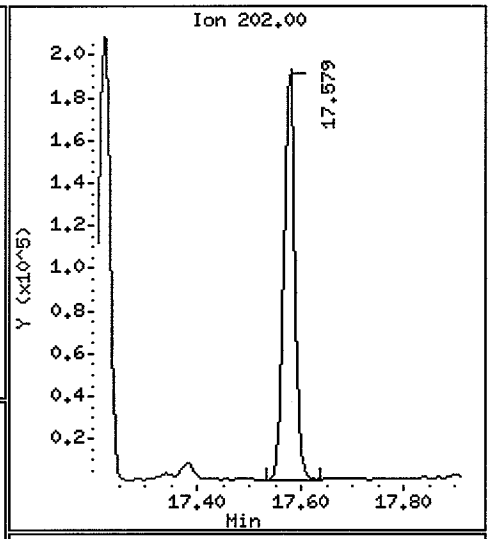
Concentration: 113.4 ug/kg

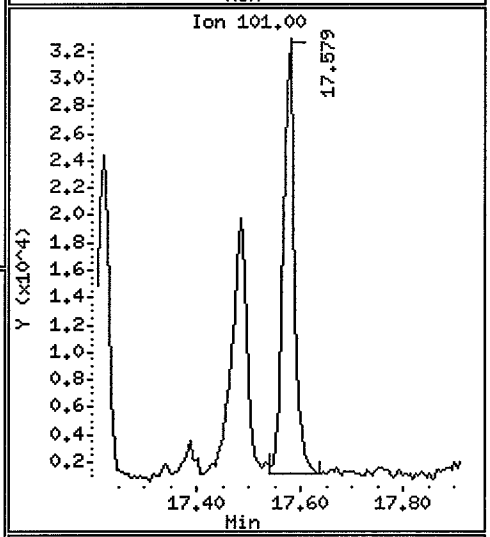


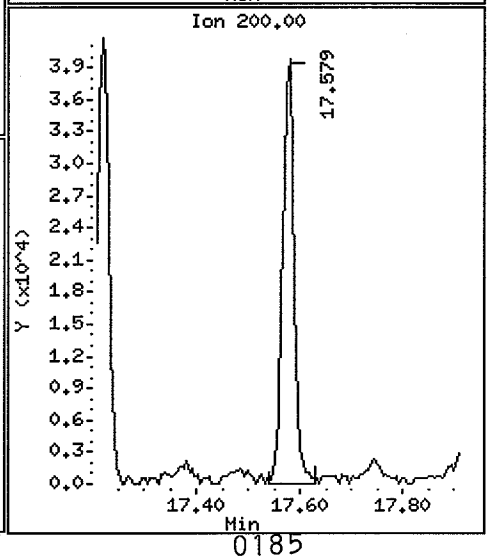












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

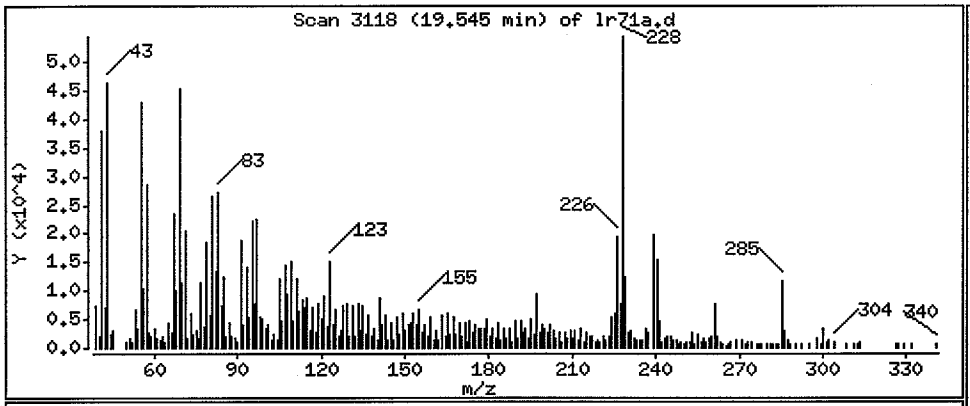
Client ID: AN-SS-01-070927 Instrument: nt6.i

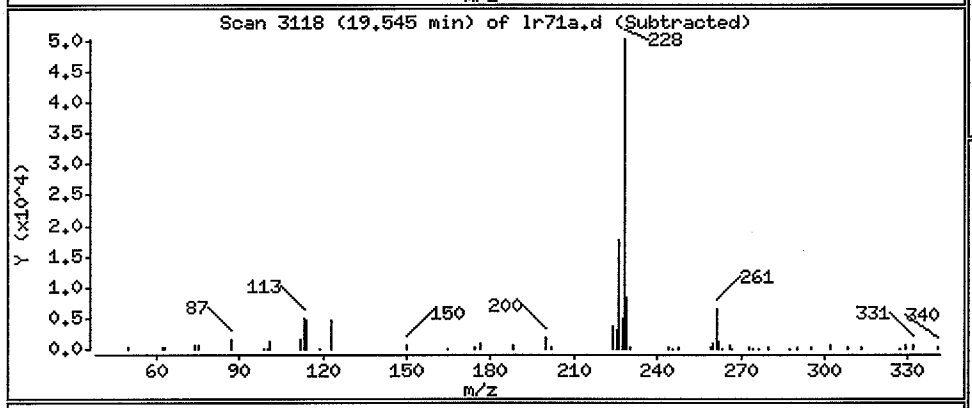
Sample Info: LR71A

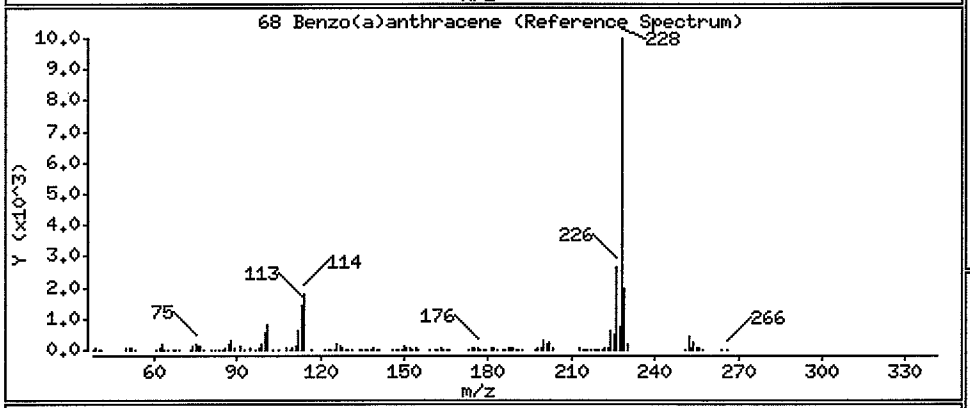
Volume Injected (uL): 1.0 Operator: LJR/VTS

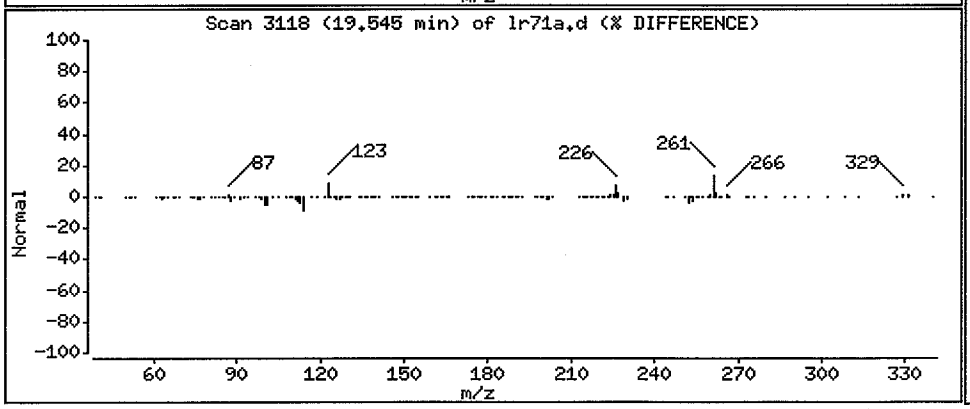
Column phase: ZB-5 Column diameter: 0.32

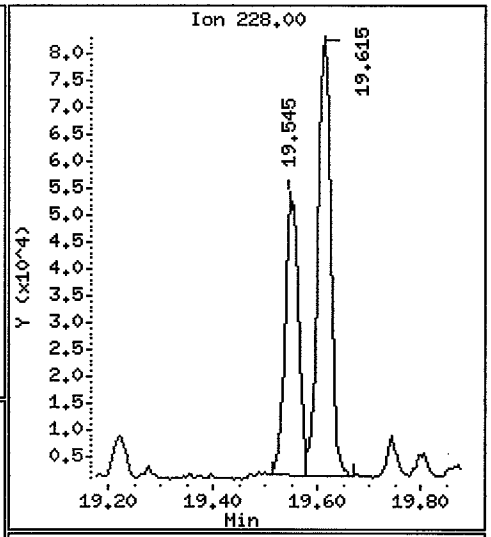
68 Benzo(a)anthracene Concentration: 34.42 ug/kg

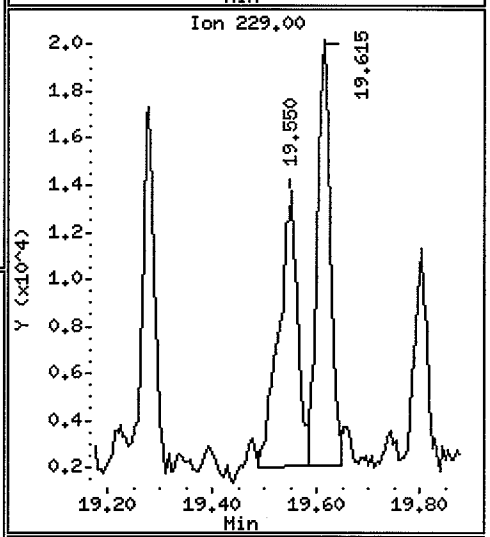


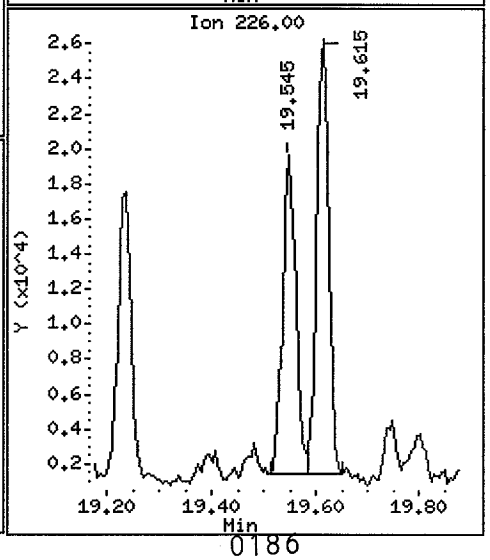












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

Client ID: AN-SS-01-070927

Instrument: nt6.i

Sample Info: LR71A

Volume Injected (uL): 1.0

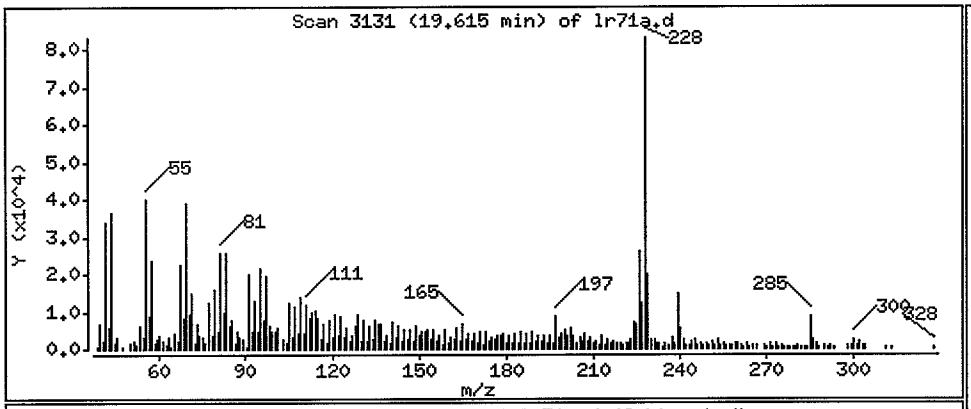
Operator: LJR/VTS

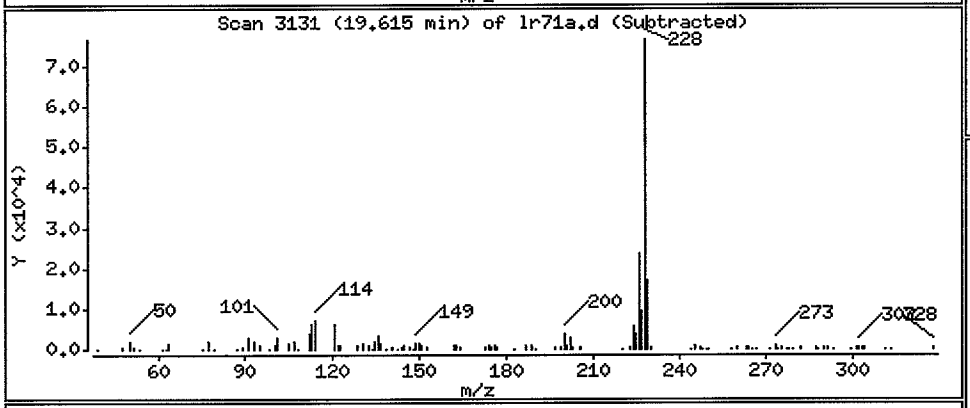
Column phase: ZB-5

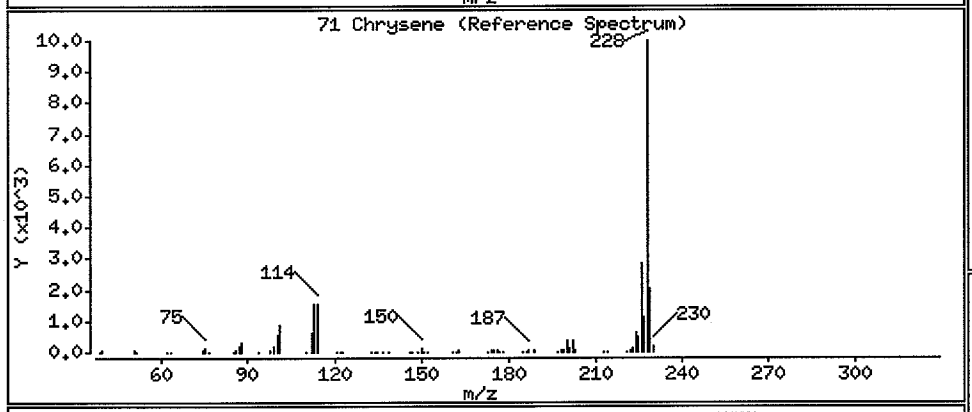
Column diameter: 0.32

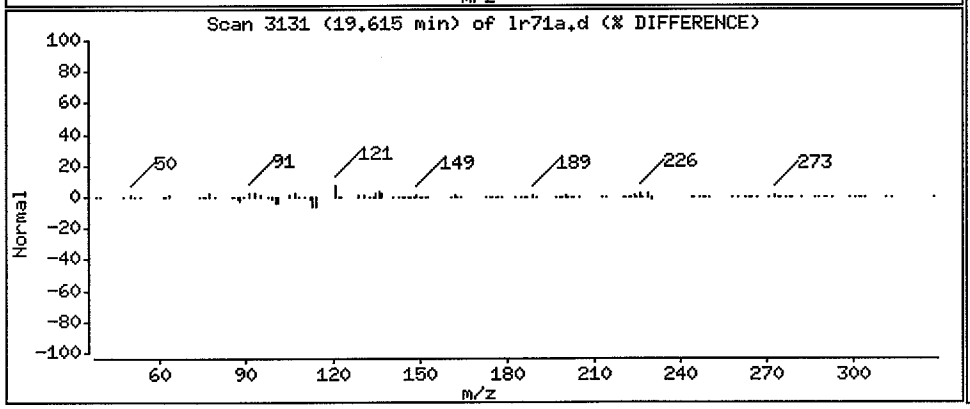
71 Chrysene

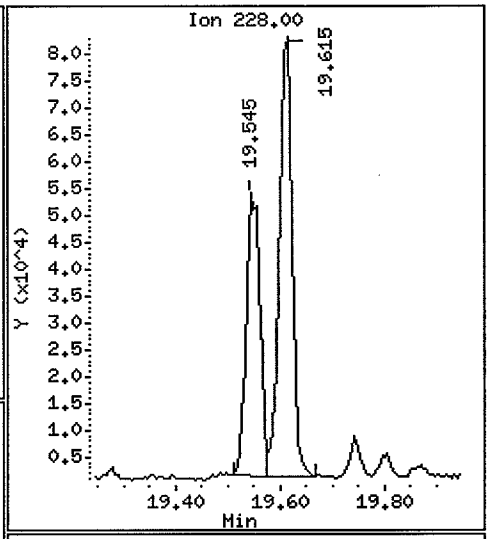
Concentration: 57.11 ug/kg

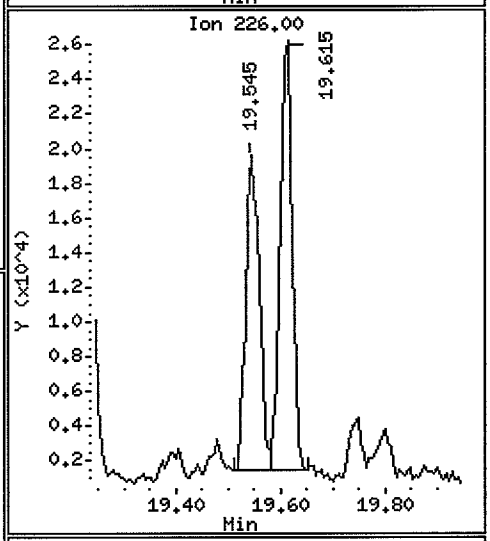


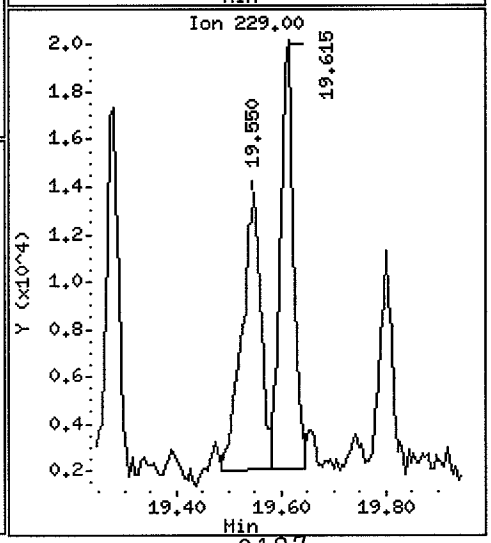












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

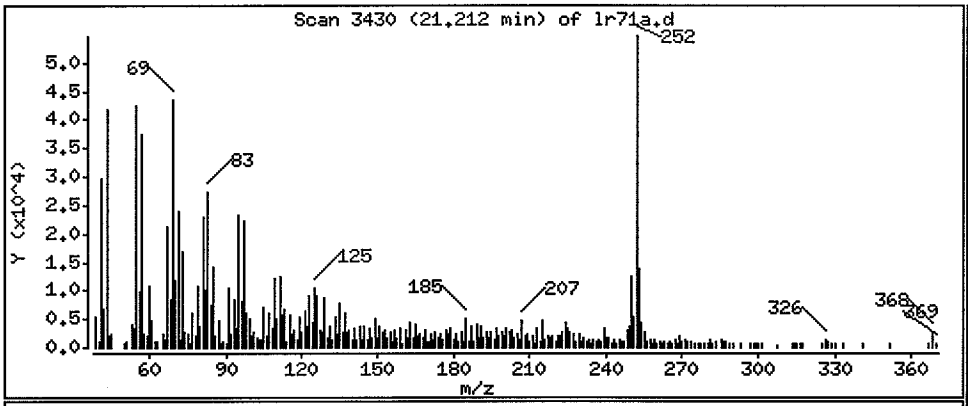
Client ID: AN-SS-01-070927 Instrument: nt6.i

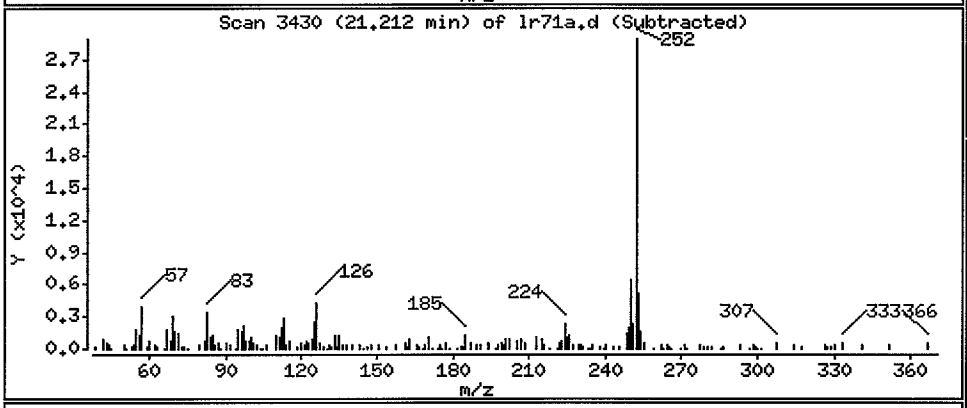
Sample Info: LR71A

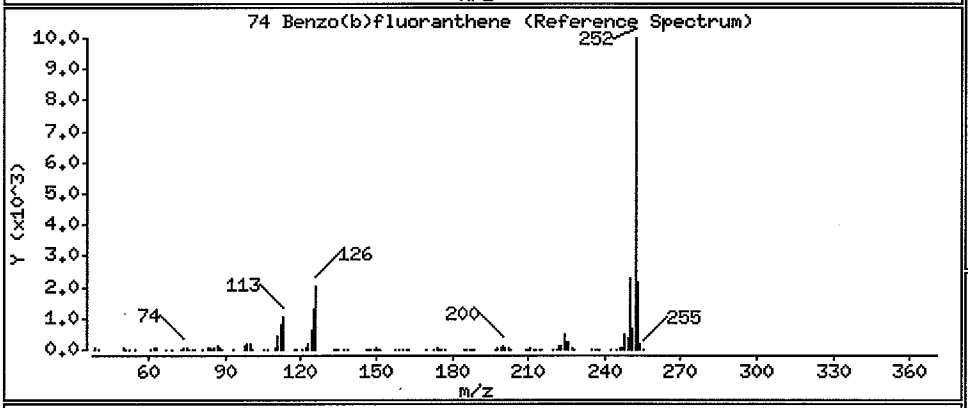
Volume Injected (uL): 1.0 Operator: LJR/VTS

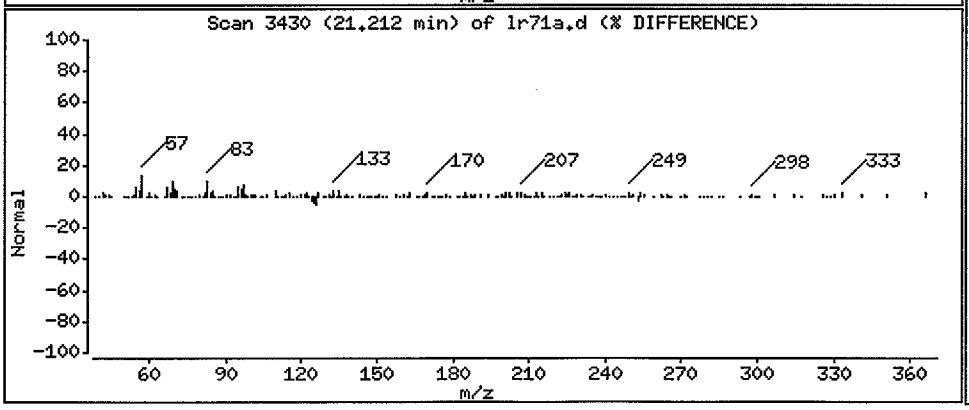
Column phase: ZB-5 Column diameter: 0.32

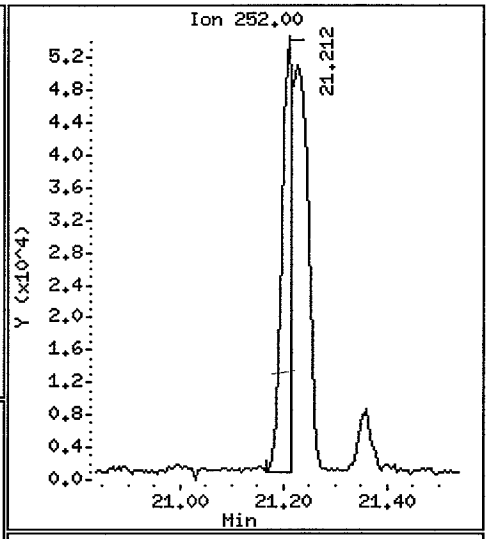
74 Benzo(b)fluoranthene Concentration: 37.20 ug/kg

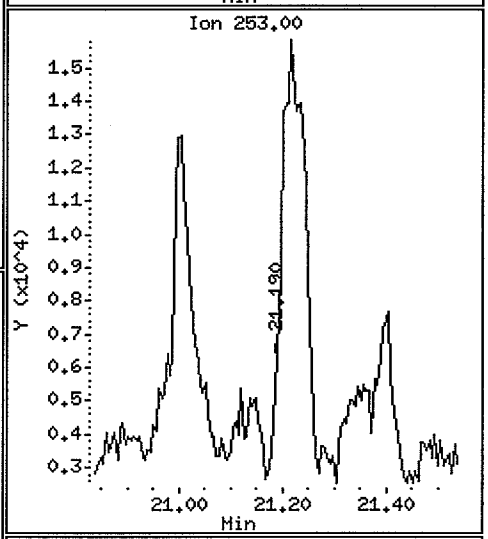


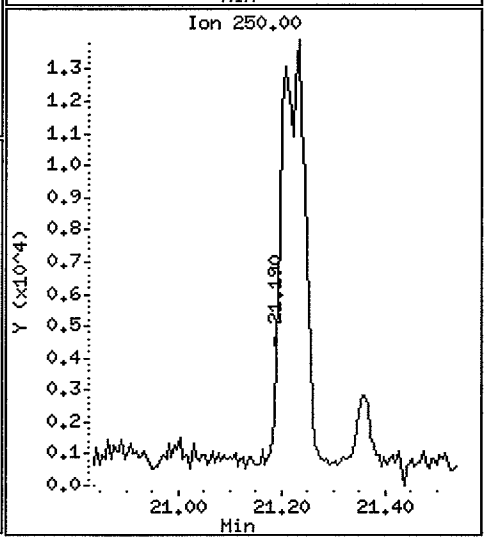












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

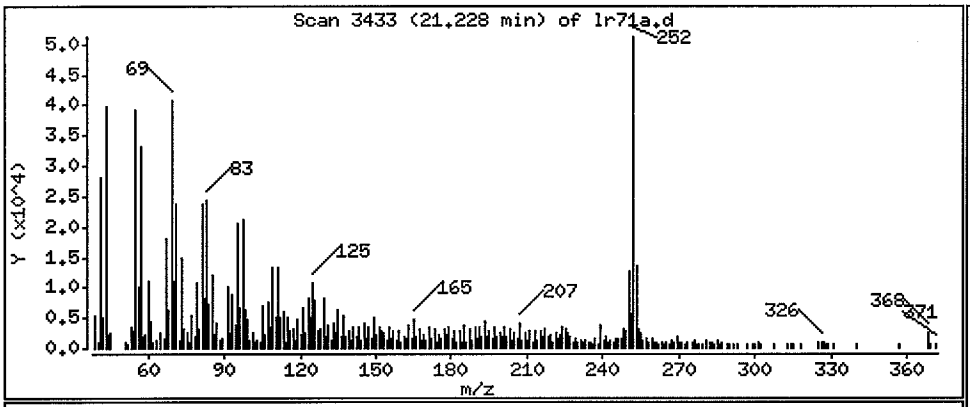
Client ID: AN-SS-01-070927 Instrument: nt6.i

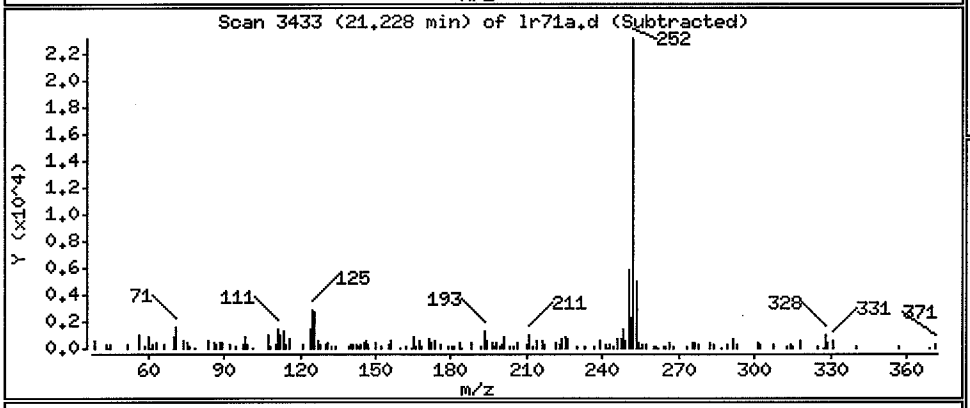
Sample Info: LR71A

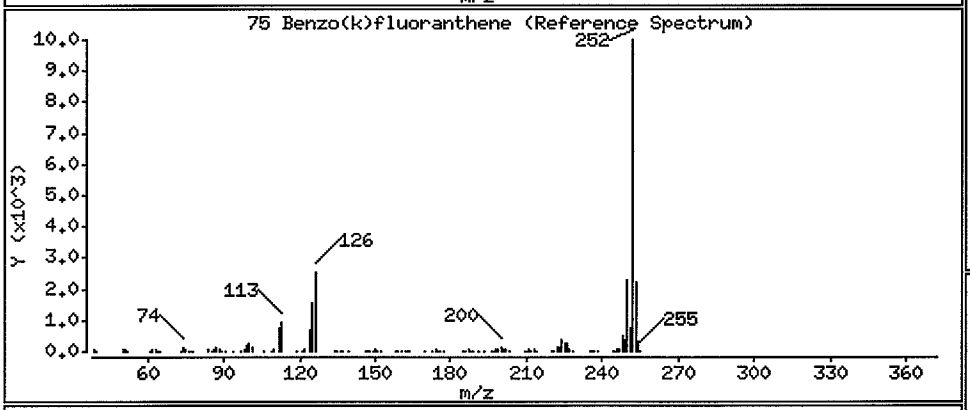
Volume Injected (uL): 1.0 Operator: LJR/VTS

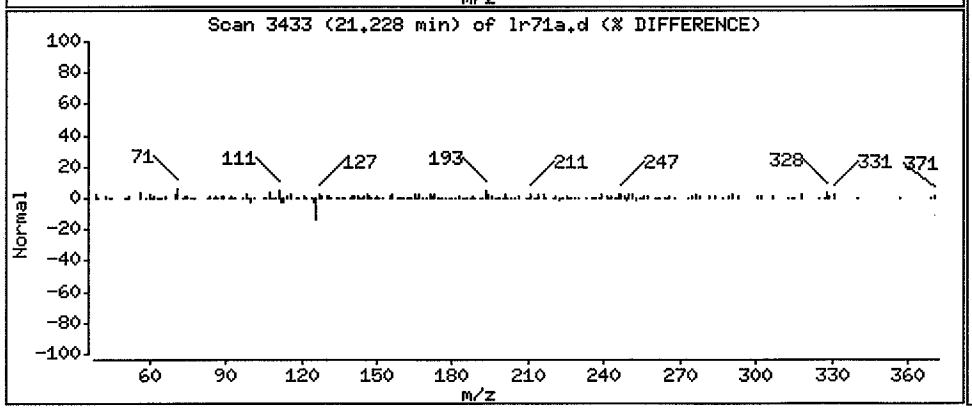
Column phase: ZB-5 Column diameter: 0.32

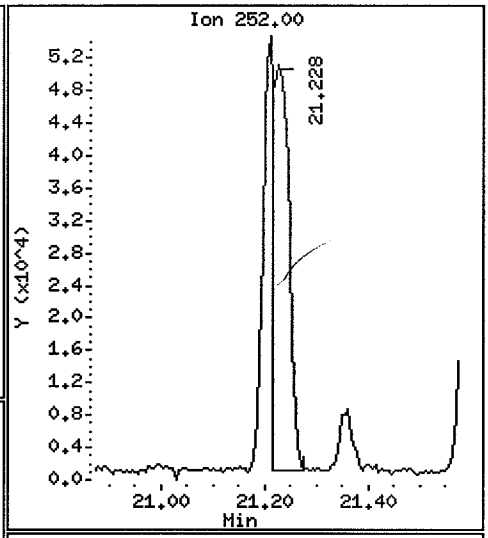
75 Benzo(k)fluoranthene Concentration: 47.87 ug/kg

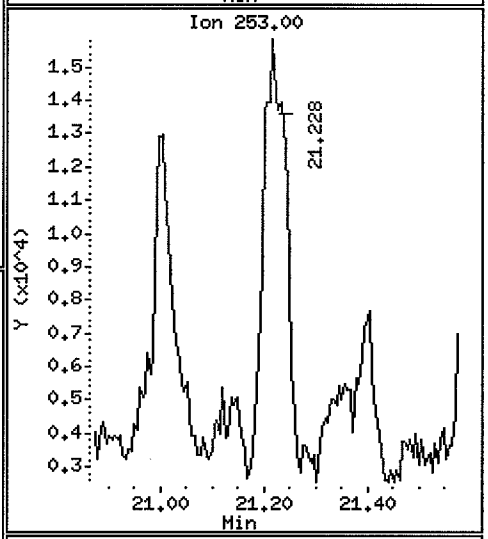


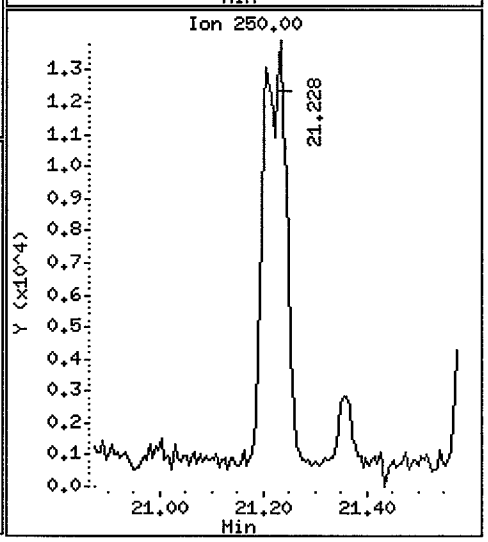












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

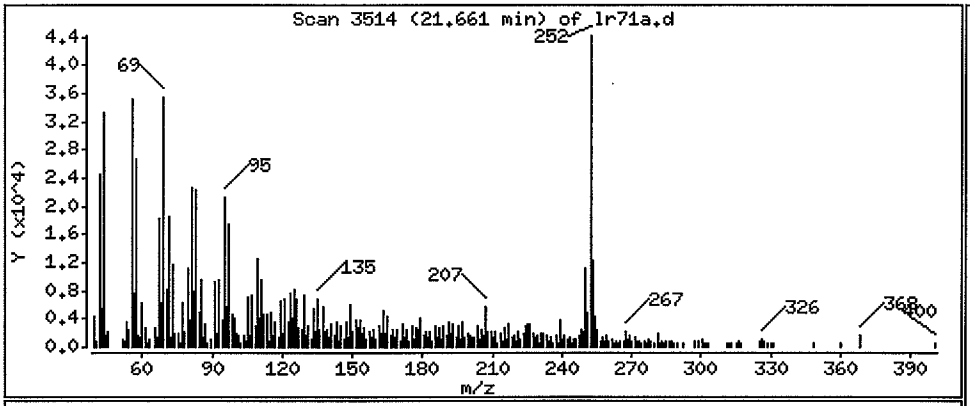
Client ID: AN-SS-01-070927 Instrument: nt6.i

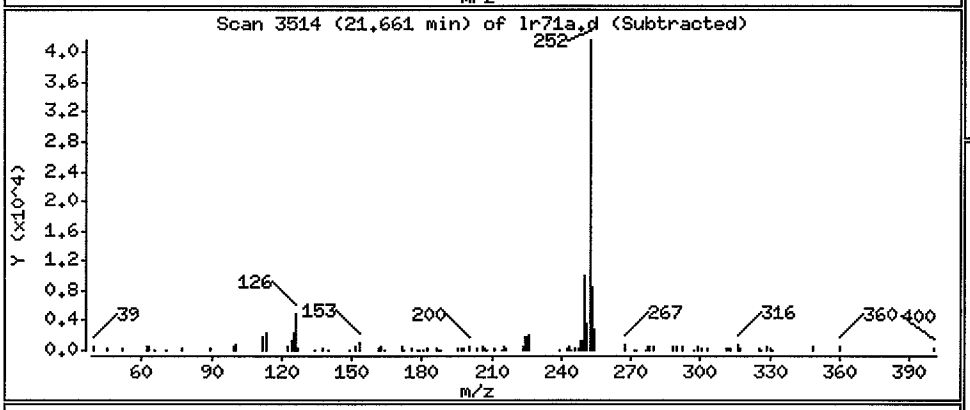
Sample Info: LR71A

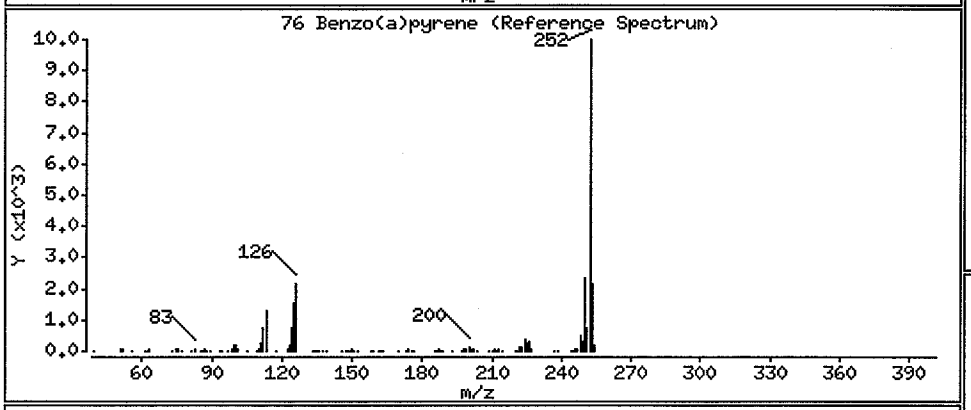
Volume Injected (uL): 1.0 Operator: LJR/VTS

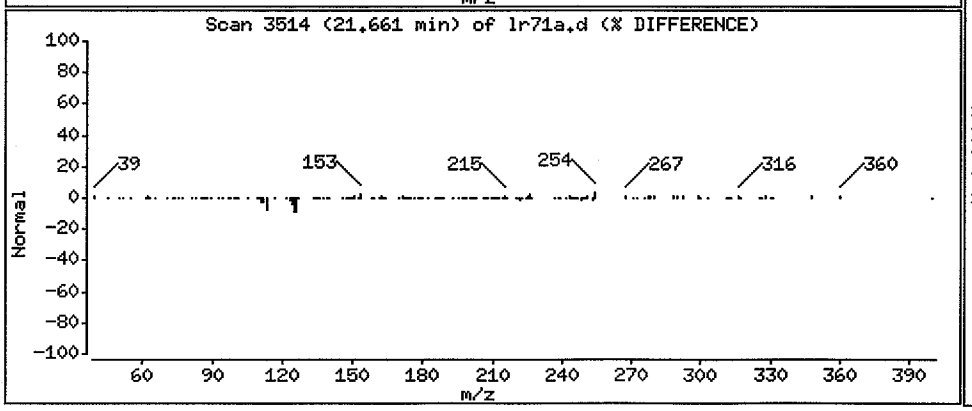
Column phase: ZB-5 Column diameter: 0.32

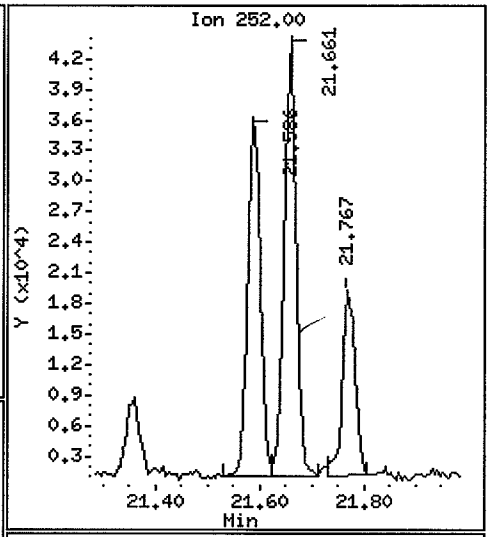
76 Benzo(a)pyrene Concentration: 36.17 ug/kg

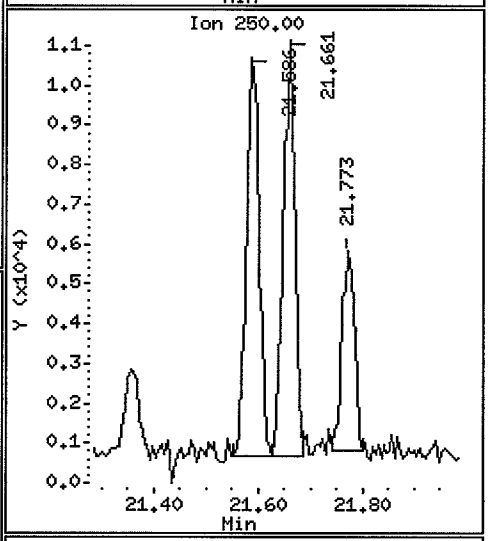


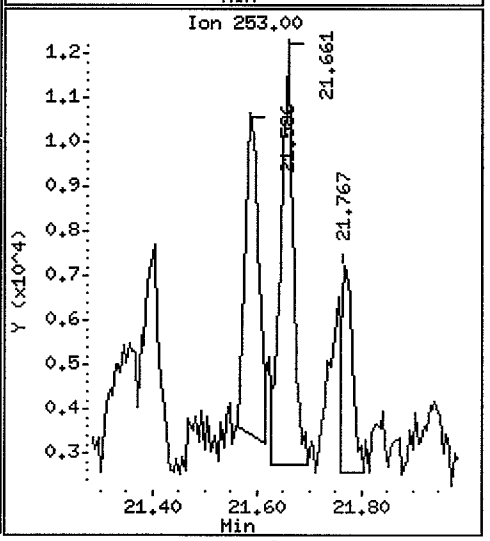












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

Client ID: AN-SS-01-070927

Instrument: nt6.i

Sample Info: LR71A

Volume Injected (uL): 1.0

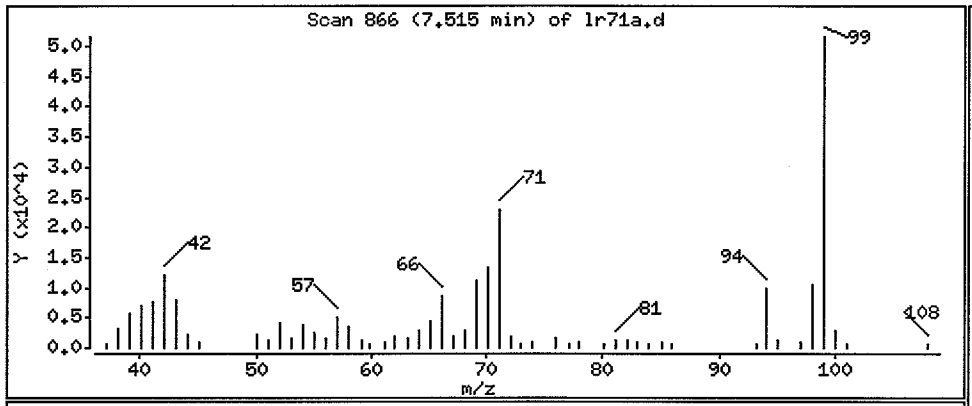
Operator: LJR/VTS

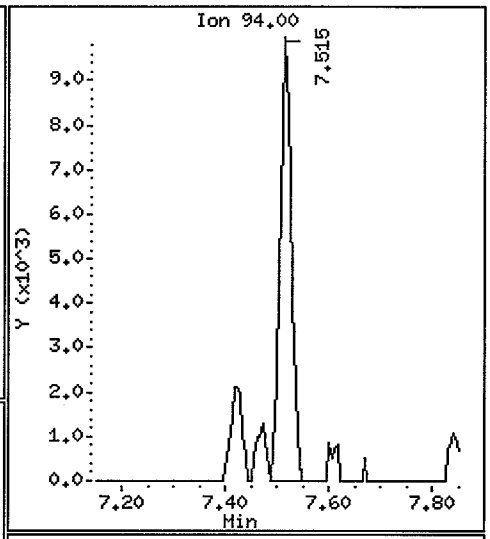
Column phase: ZB-5

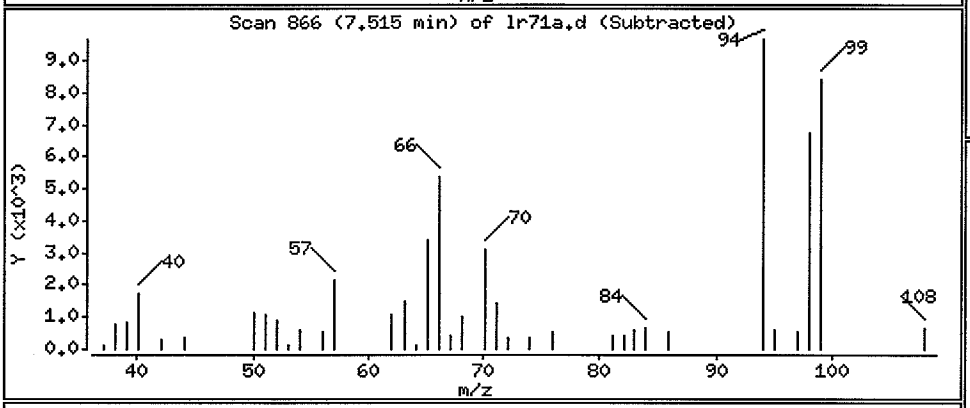
Column diameter: 0.32

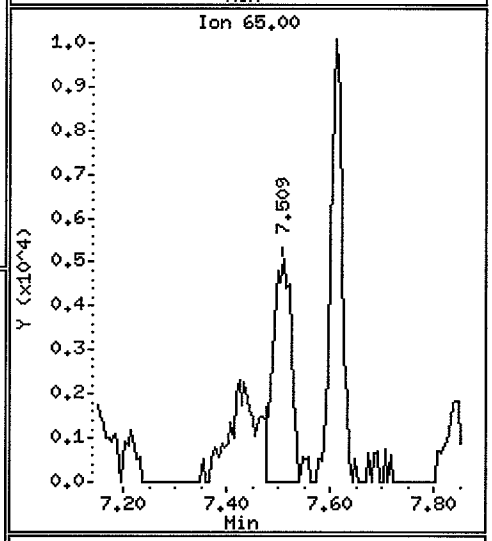
3 Phenol

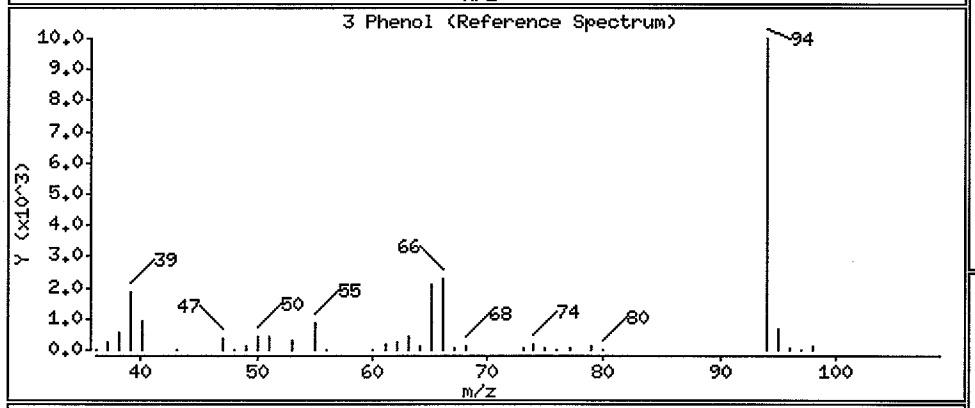
Concentration: 13.74 ug/kg

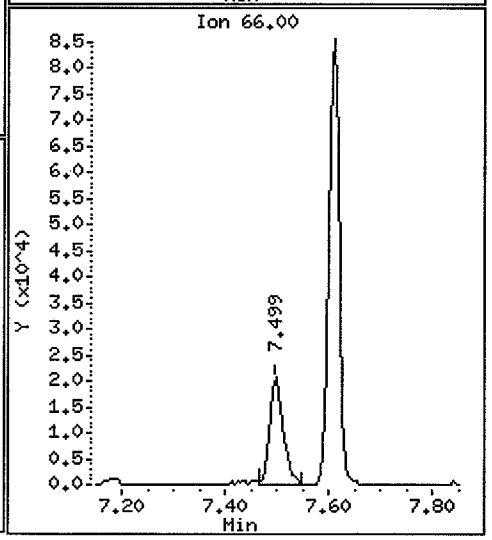


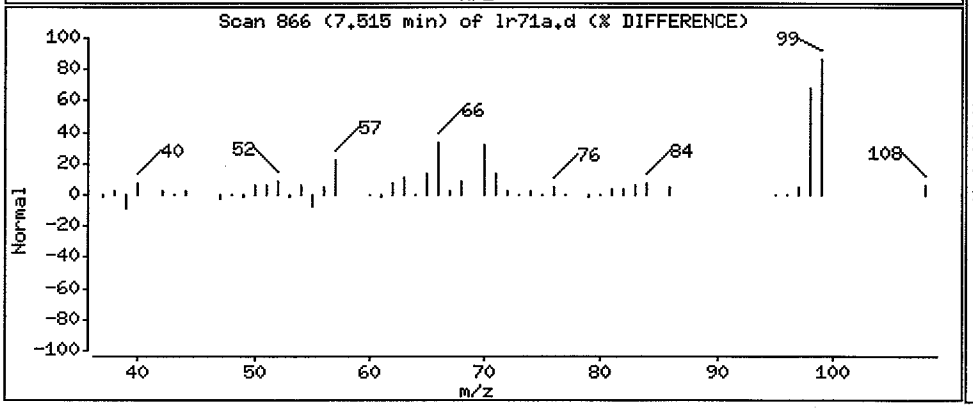












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

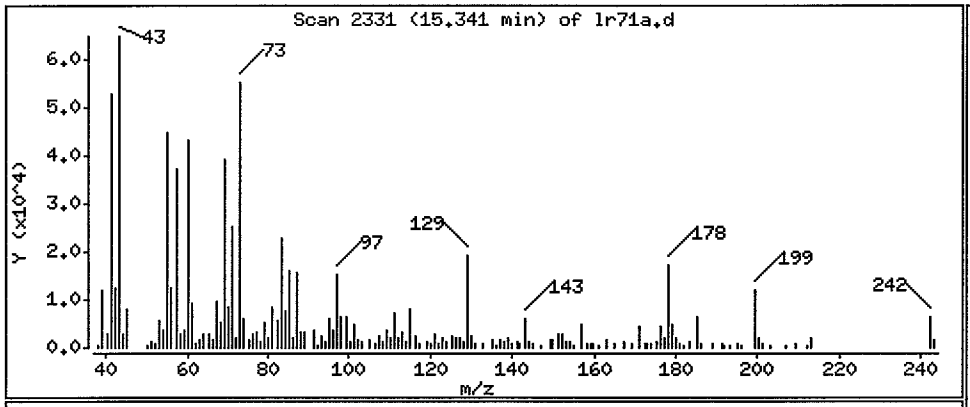
Client ID: AN-SS-01-070927 Instrument: nt6.i

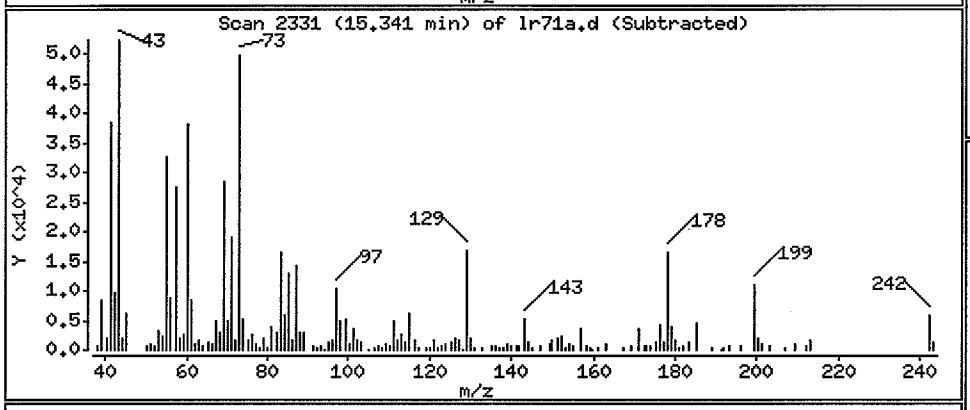
Sample Info: LR71A

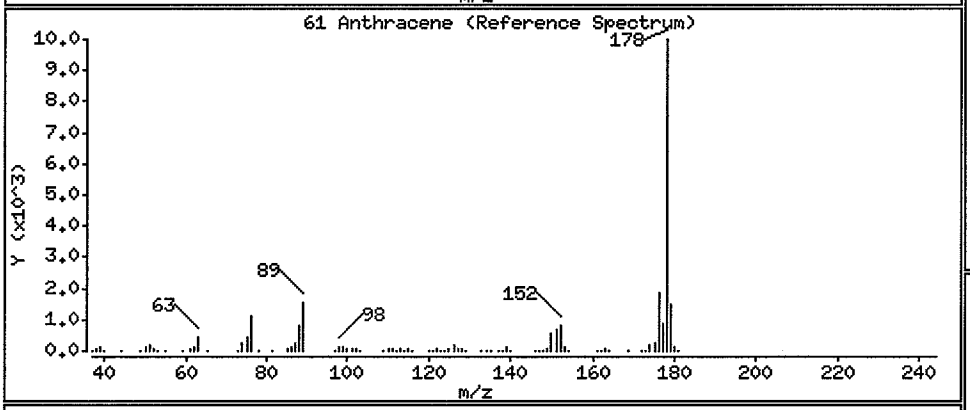
Volume Injected (uL): 1.0 Operator: LJR/VTS

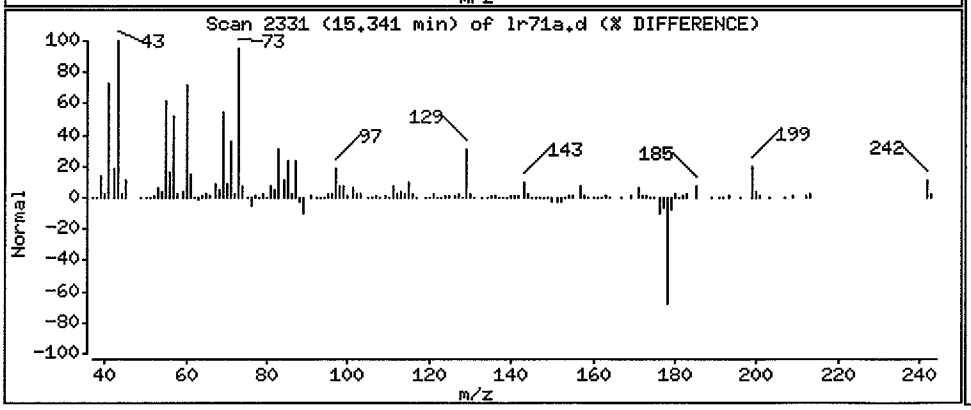
Column phase: ZB-5 Column diameter: 0.32

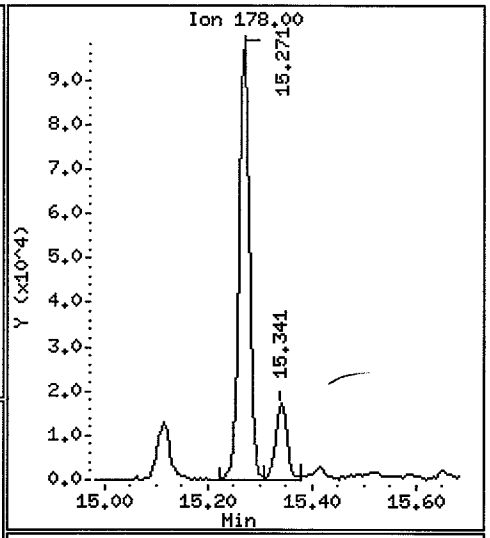
61 Anthracene Concentration: 12.32 ug/kg

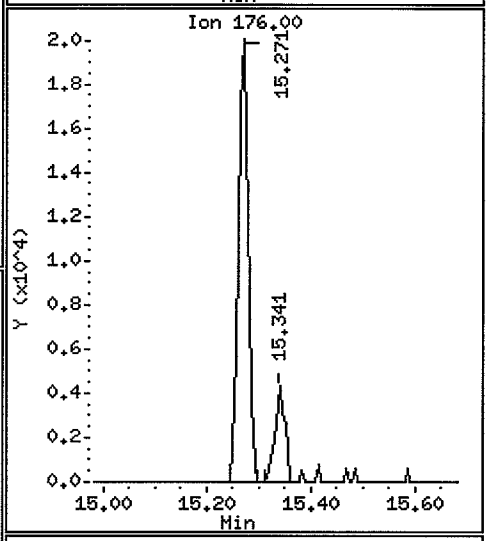


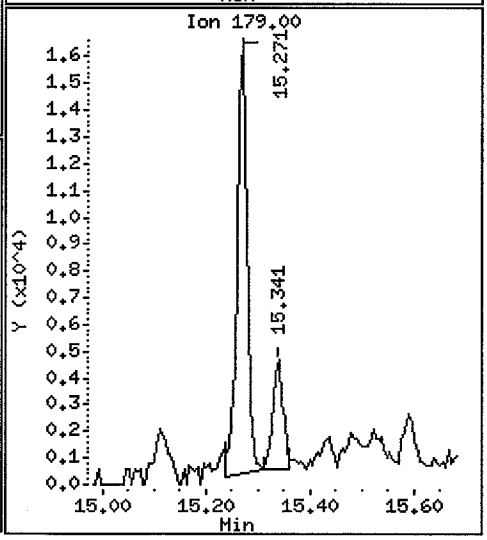












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

Client ID: AN-SS-01-070927

Instrument: nt6.i

Sample Info: LR71A

Volume Injected (uL): 1.0

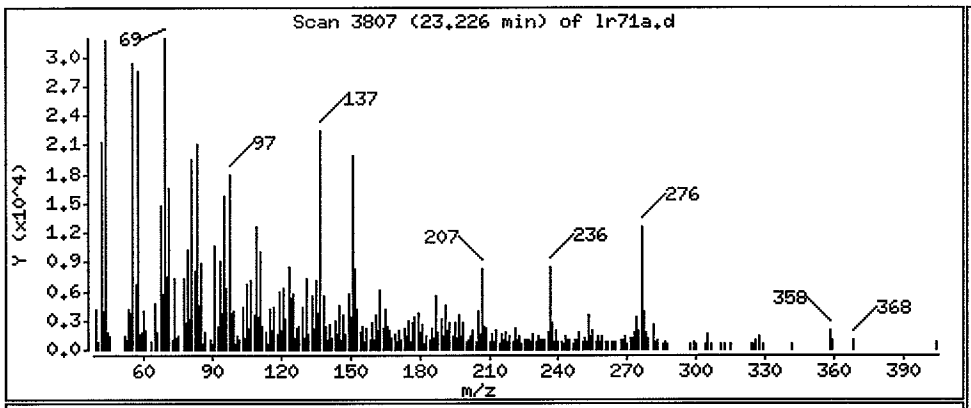
Operator: LJR/VTS

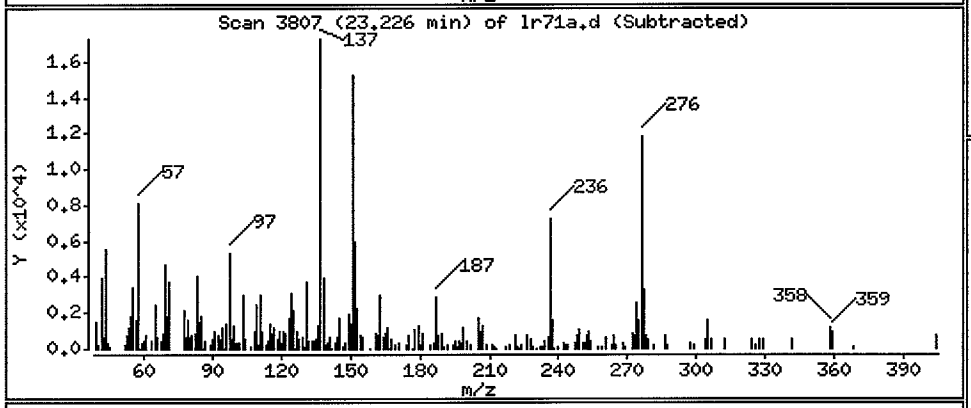
Column phase: ZB-5

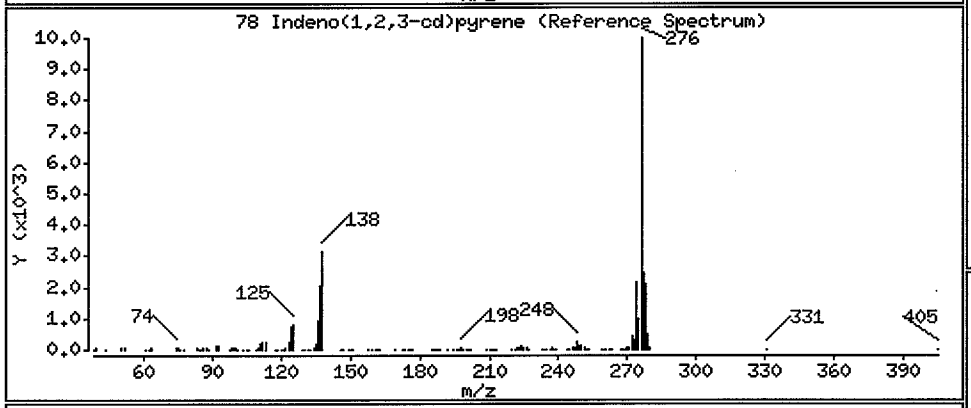
Column diameter: 0.32

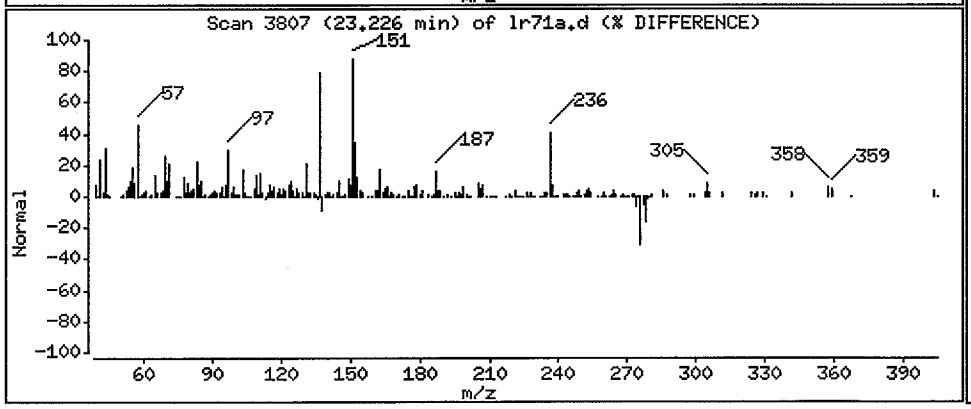
78 Indeno(1,2,3-cd)pyrene

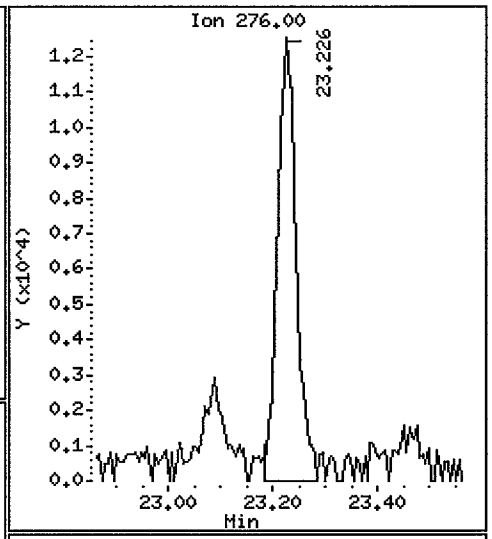
Concentration: 13.67 ug/kg

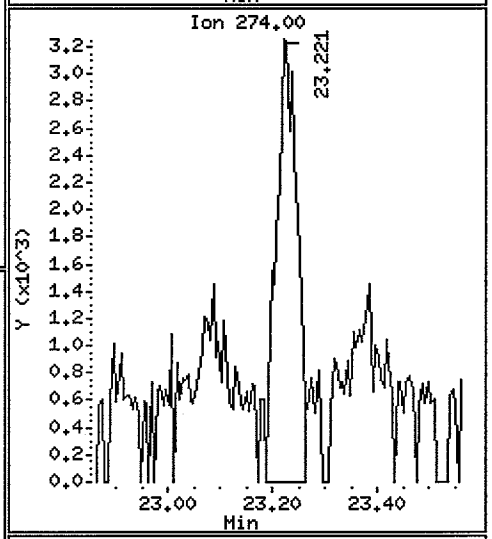


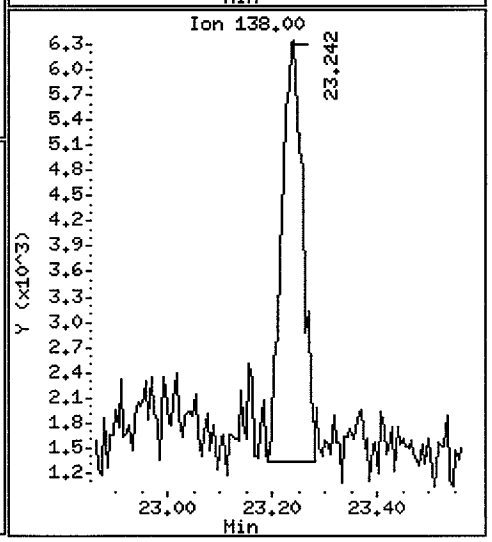












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

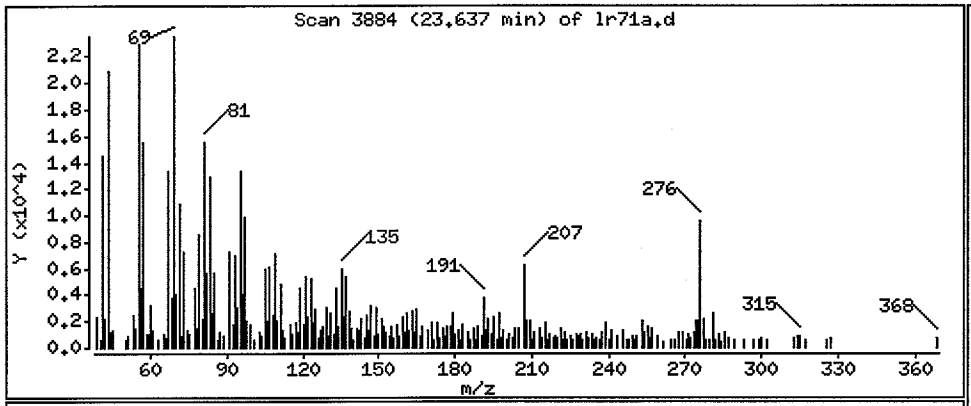
Client ID: AN-SS-01-070927 Instrument: nt6.i

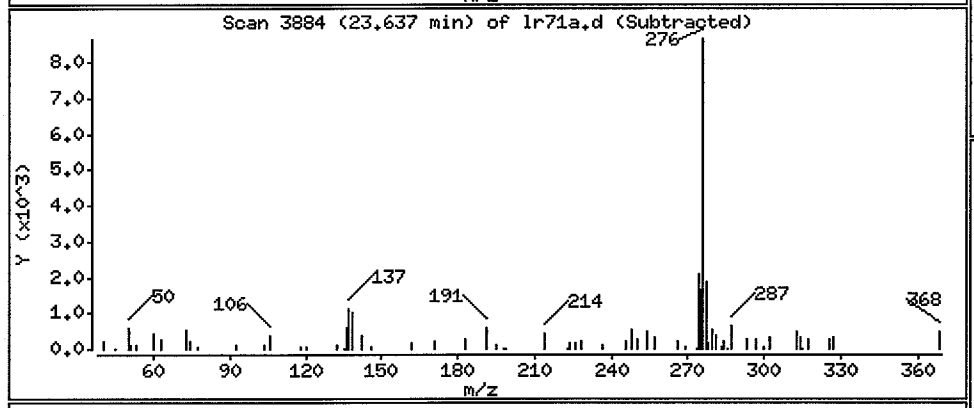
Sample Info: LR71A

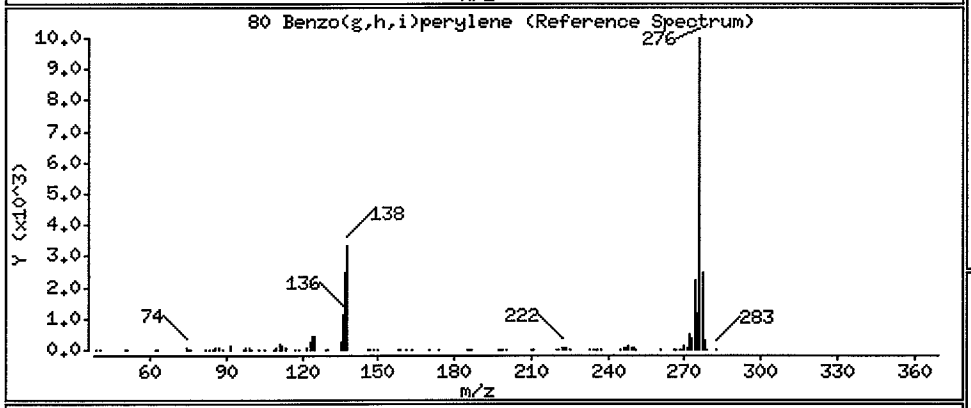
Volume Injected (uL): 1.0 Operator: LJR/VTS

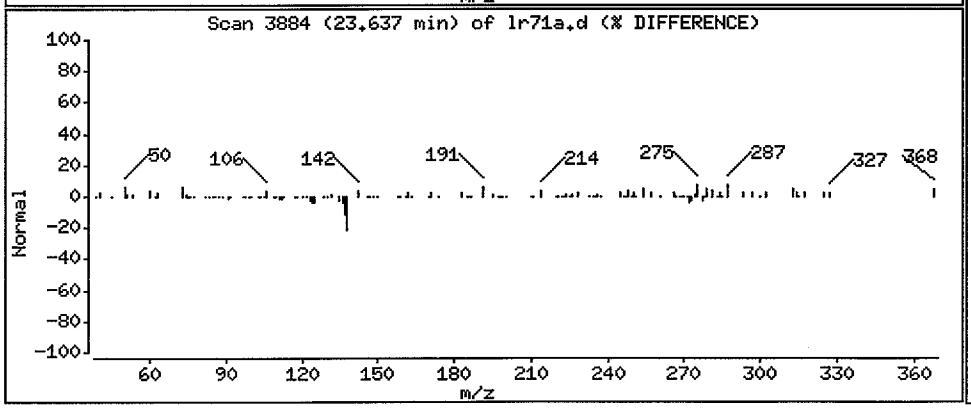
Column phase: ZB-5 Column diameter: 0.32

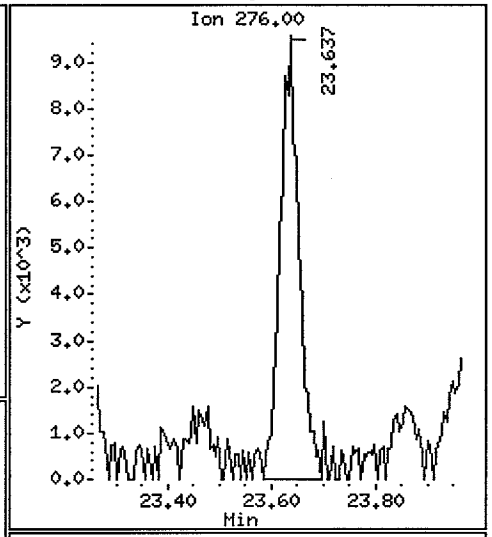
80 Benzo(g,h,i)perylene Concentration: 10.67 ug/kg

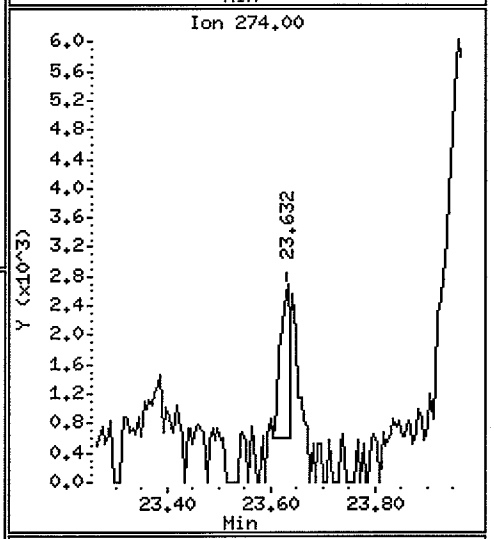


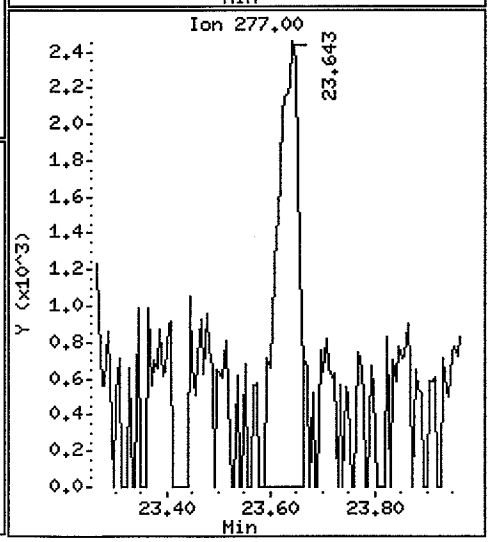












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: AN-SS-01-070927
REEXTRACT

Lab Sample ID: LR71A
LIMS ID: 07-20766
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 16:39
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 51.5%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**49**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**110**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**100**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**90**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**180**
129-00-0	**Pyrene**	**20**	**120**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**26**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**40**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**30**
207-08-9	**Benzo(k)fluoranthene**	**20**	**34**
50-32-8	**Benzo(a)pyrene**	**20**	**29**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-01-070927
REEXTRACT

Lab Sample ID: LR71A
LIMS ID: 07-20766
Matrix: Sediment
Date Analyzed: 11/01/07 16:39

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	52.0%	2-Fluorobiphenyl	53.6%
d14-p-Terphenyl	56.0%	d4-1,2-Dichlorobenzene	48.4%
d5-Phenol	55.7%	2-Fluorophenol	44.3%
2,4,6-Tribromophenol	56.5%	d4-2-Chlorophenol	54.4%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71a2.d
Lab Smp Id: LR71ARE
Inj Date : 01-NOV-2007 16:39
Operator : VTS Inst ID: nt4.i
Smp Info : LR71ARE
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJK 11/2/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.830	4.748	(0.708)	210117	16.5621	331.2
$	2 Phenol-d5	99	6.502	6.489	(0.953)	296746	20.8974	417.9
	3 Phenol	94	6.518	6.505	(0.955)	41530	2.46257	49.25
$	5 2-Chlorophenol-d4	132	6.534	6.521	(0.958)	214369	20.3515	407.0
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.822	6.820	(1.000)	149931	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.121	7.114	(1.044)	82247	12.1352	242.7
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	7.688	7.686	(1.127)	61729	5.44355	108.9
$	18 Nitrobenzene-d5	82	7.773	7.771	(0.876)	191761	12.9741	259.5
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	8.724	8.813	(0.984)	72864	7.72161 LOL	154.4 (M)
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.868	8.872	(1.000)	560313	20.0000	
	28 Naphthalene	128	8.895	8.899	(1.003)	176848	5.14107	102.8
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	10.011	10.015	(1.129)	9490	0.54156 LOL	10.83
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.674	10.677	(0.914)	275399	13.3897	267.8
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	11.422	11.431	(0.978)	22728	0.78017 LOL	15.60
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.678	11.682	(1.000)	297876	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	12.528	12.537	(1.073)	12586	0.58560 LOL	11.71
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.955	12.953	(1.109)	54390	21.2110	424.2
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	13.997	14.000	(1.000)	435451	20.0000	
	60 Phenanthrene	178	14.029	14.032	(1.002)	137515	4.56928	91.39
	61 Anthracene	178	14.104	14.102	(1.008)	24604	0.80849 LOL	16.17
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	15.936	15.923	(1.139)	295303	9.06323	181.3
65	Pyrene	202	16.272	16.260	(0.892)	234243	5.81447	116.3
$ 66	Terphenyl-d14	244	16.646	16.634	(0.913)	326709	14.0478	281.0
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.212	18.199	(0.999)	49666	1.32936	26.59
* 69	Chrysene-d12	240	18.238	18.221	(1.000)	502690	20.0000	(M)
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.270	18.258	(1.002)	73813	2.00850	40.17
72	bis(2-Ethylhexyl)phthalate	149	18.596	18.578	(0.953)	23606	0.99399 LDL	19.88
* 134	Di-n-octylphthalate-d4	153	19.520	19.503	(1.000)	753759	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.846	19.818	(0.975)	52104	1.52703	30.54(M)
75	Benzo(k)fluoranthene	252	19.857	19.850	(0.976)	62065	1.72187	34.44(M)
76	Benzo(a)pyrene	252	20.268	20.245	(0.996)	44333	1.45893	29.18
* 77	Perylene-d12	264	20.354	20.325	(1.000)	501155	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	21.679	21.661	(1.065)	28206	0.84448 LDL	16.89(MH)
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	22.010	21.944	(1.081)	21818	0.72521	14.50(MH)
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71a2.d
Lab Smp Id: LR71ARE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

Calibration Date: 01-NOV-2007
Calibration Time: 14:35

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	149931	3.13
27 Naphthalene-d8	530525	265262	1061050	560313	5.61
42 Acenaphthene-d10	280701	140350	561402	297876	6.12
59 Phenanthrene-d10	391934	195967	783868	435451	11.10
69 Chrysene-d12	354658	177329	709316	502690	41.74
134 Di-n-octylphthala	506314	253157	1012628	753759	48.87
77 Perylene-d12	400782	200391	801564	501155	25.04

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.82	0.03
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.04
42 Acenaphthene-d10	11.68	11.18	12.18	11.68	-0.03
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	-0.03
69 Chrysene-d12	18.22	17.72	18.72	18.24	0.10
134 Di-n-octylphthala	19.50	19.00	20.00	19.52	0.09
77 Perylene-d12	20.33	19.83	20.83	20.35	0.14

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

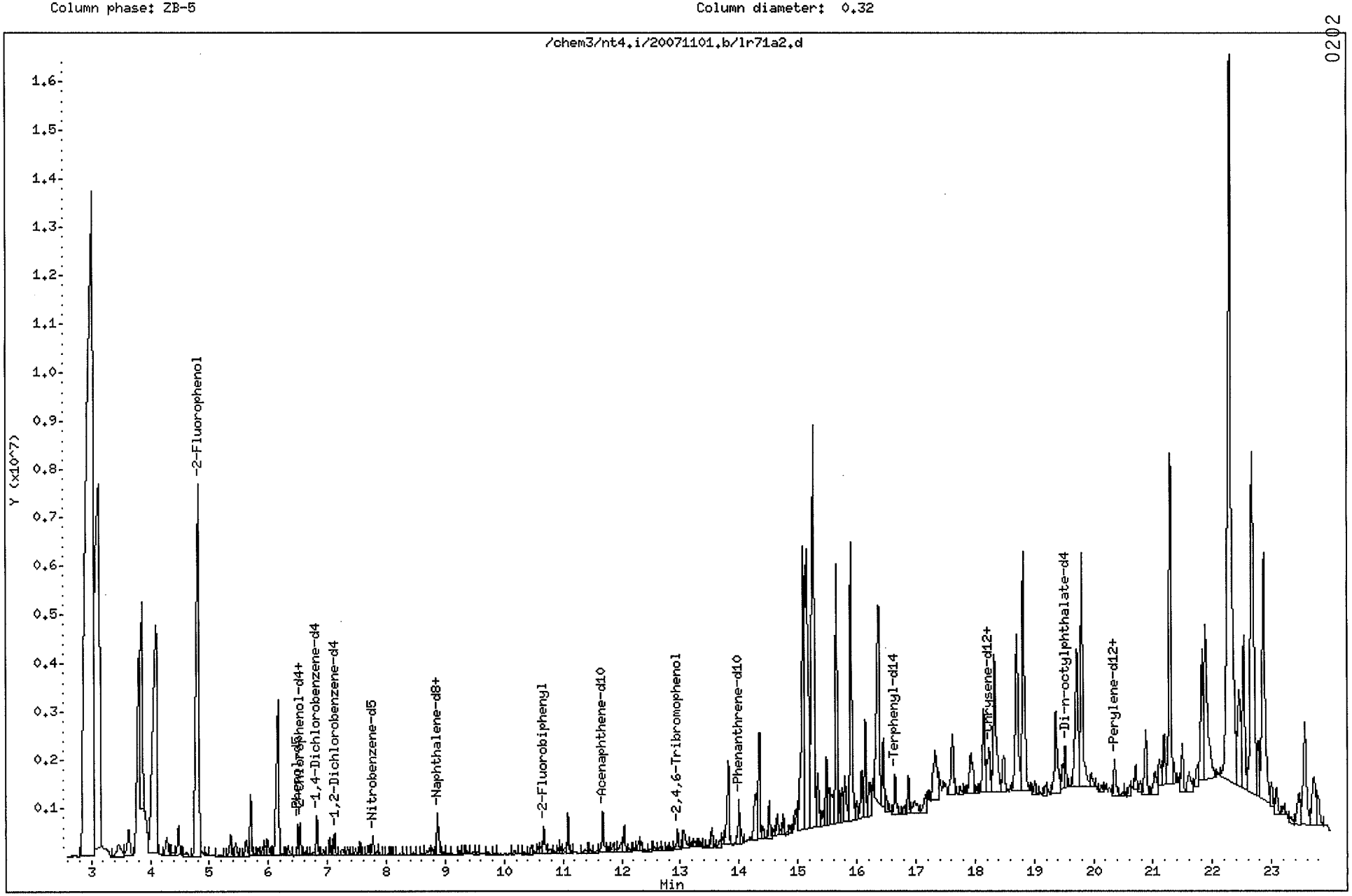
RECOVERY REPORT

Client Name:
Client SDG: 20071101
Sample Matrix: SOLID
Fraction: SV
Lab Smp Id: LR71ARE
Level: LOW
Operator: VTS
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: PSDDALCS.spk
Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	331.2	44.17	11-84
$ 2 Phenol-d5	750.0	417.9	55.73	25-86
$ 5 2-Chlorophenol-d4	750.0	407.0	54.27	23-91
$ 10 1,2-Dichlorobenzen	500.0	242.7	48.54	24-90
$ 18 Nitrobenzene-d5	500.0	259.5	51.90	26-88
$ 36 2-Fluorobiphenyl	500.0	267.8	53.56	34-91
$ 55 2,4,6-Tribromophen	750.0	424.2	56.56	25-107
$ 66 Terphenyl-d14	500.0	281.0	56.19	22-100

Data File: /chem3/nt4.i/20071101.b/lr71a2.d
Date : 01-NOV-2007 16:39
Client ID:
Sample Info: LR71ARE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

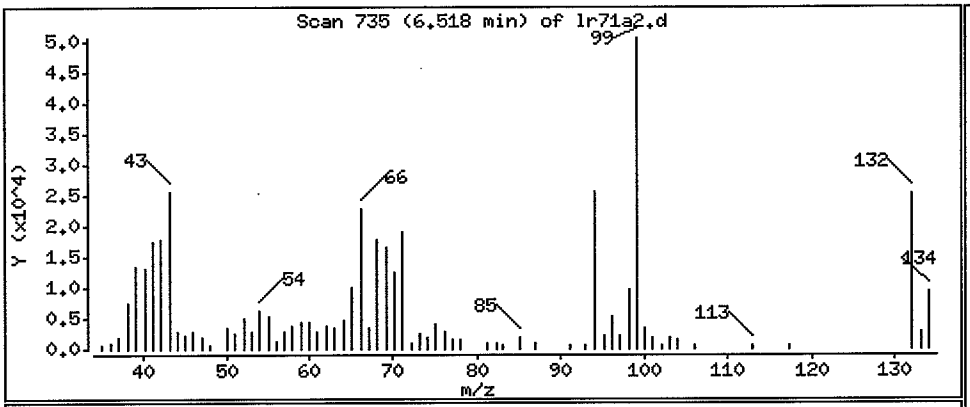
Operator: VTS

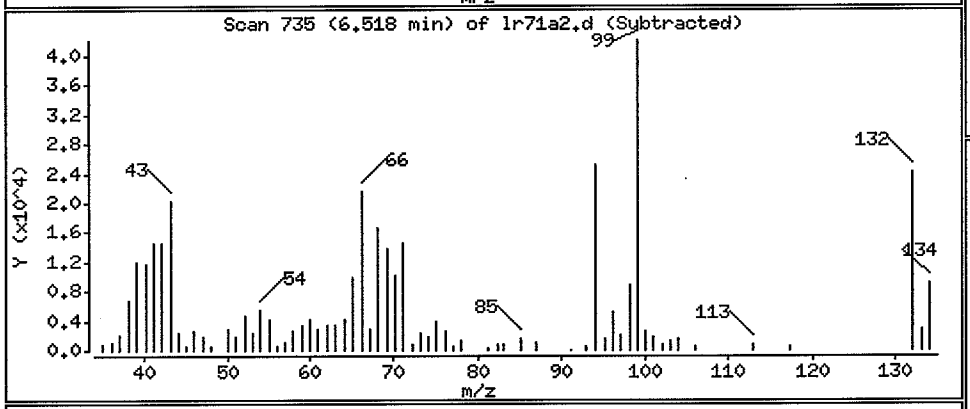
Column phase: ZB-5

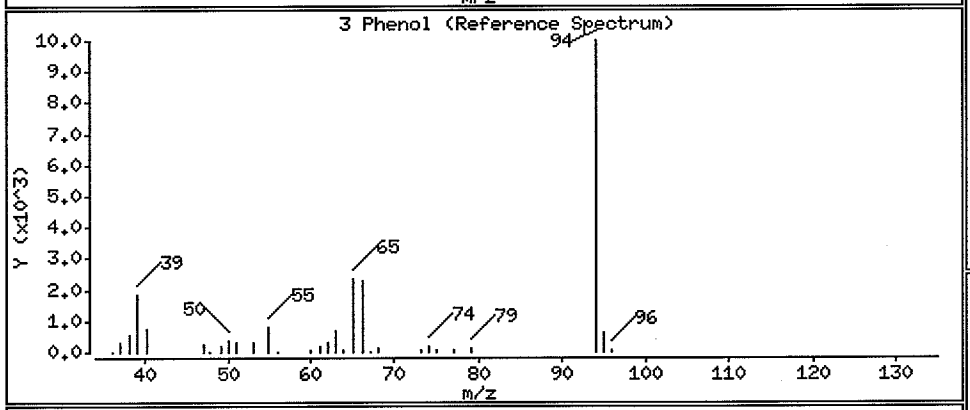
Column diameter: 0.32

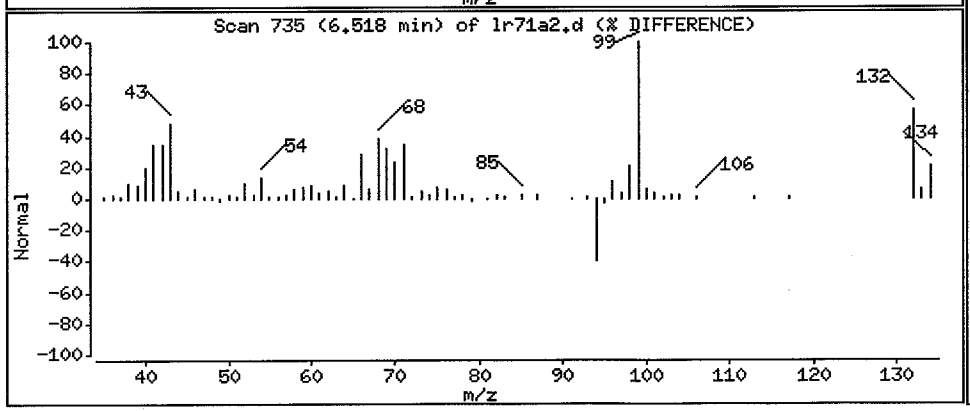
3 Phenol

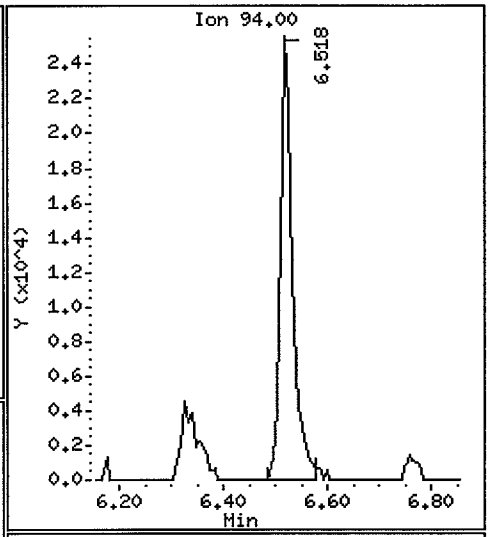
Concentration: 49.25 ug/Kg

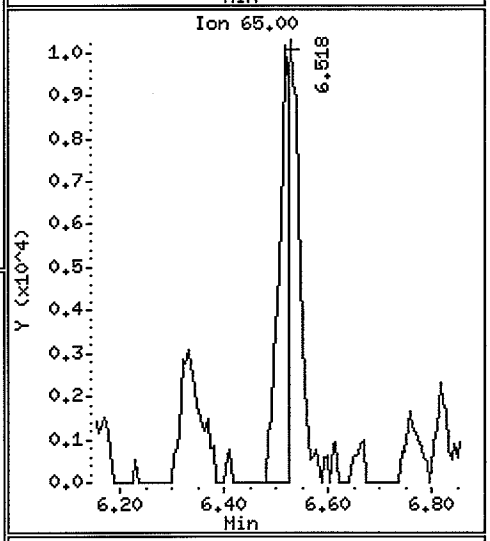


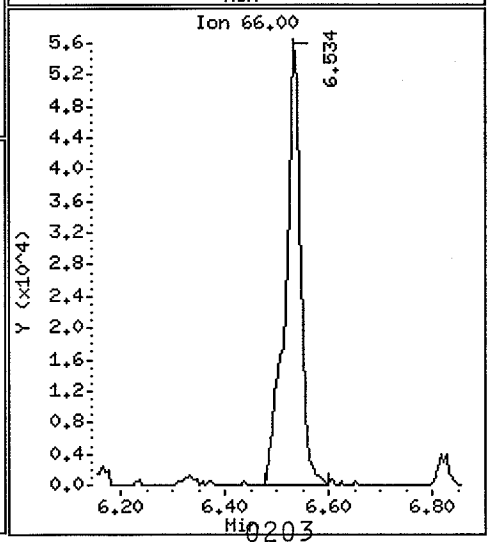












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

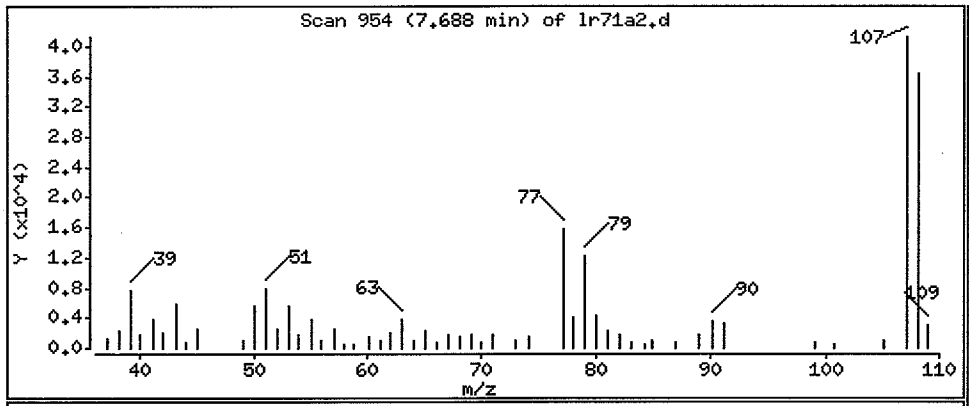
Operator: VTS

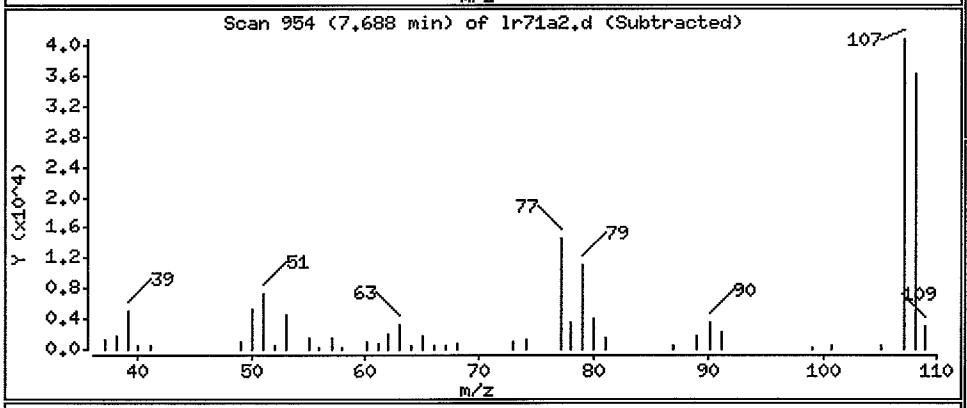
Column phase: ZB-5

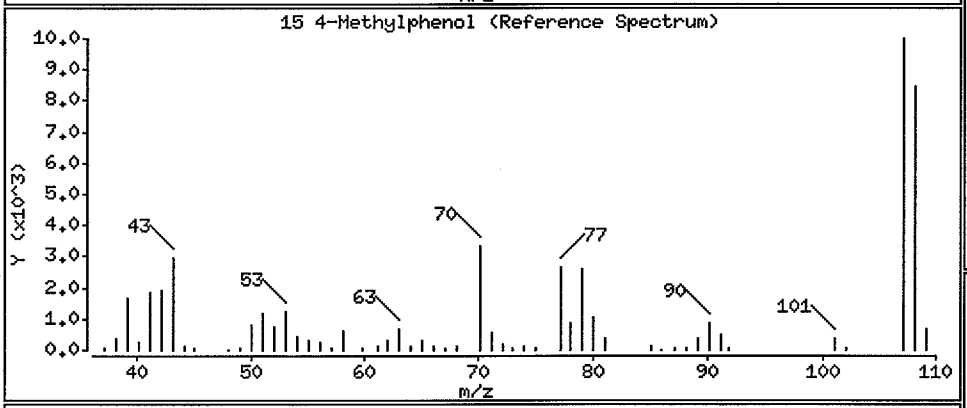
Column diameter: 0.32

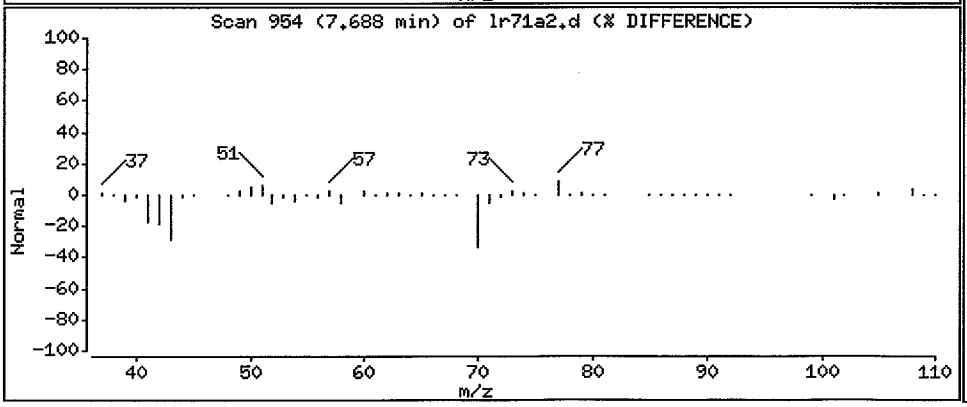
15 4-Methylphenol

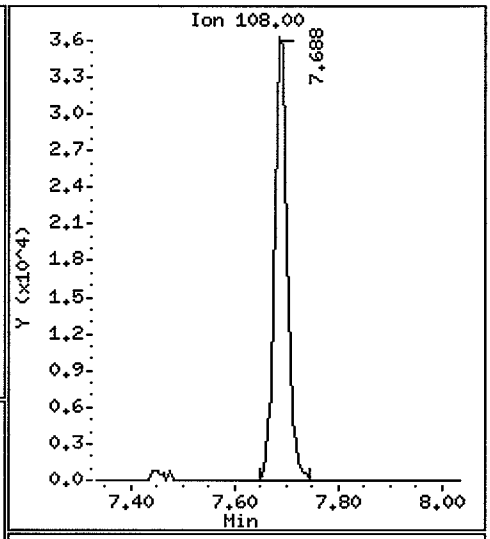
Concentration: 108.9 ug/Kg

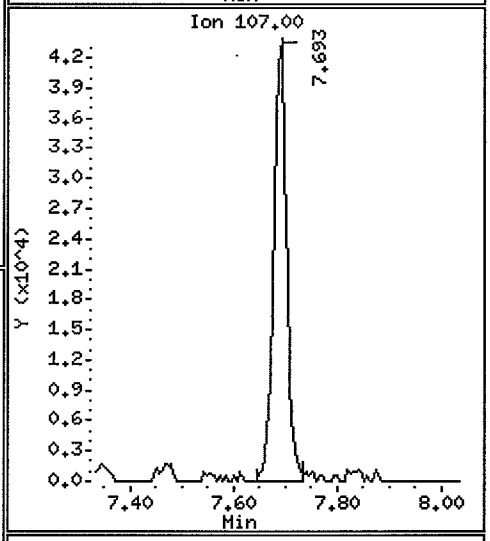


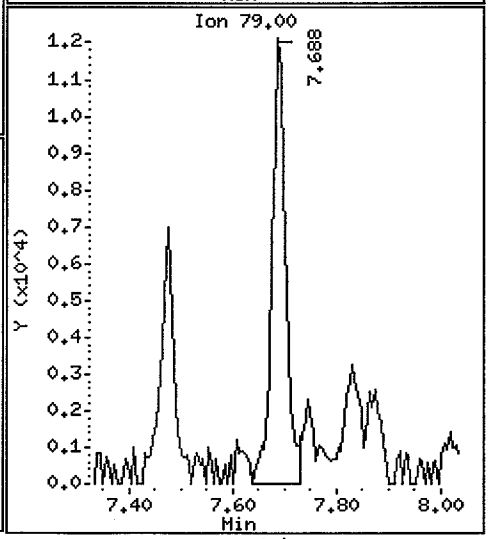












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

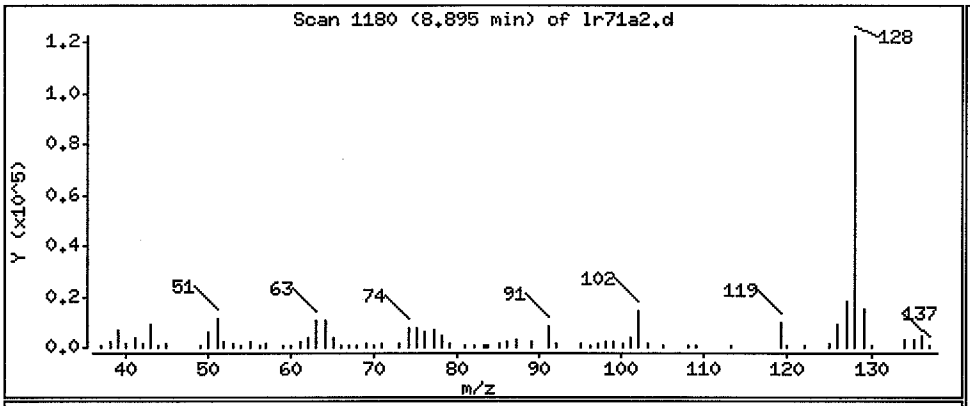
Operator: VTS

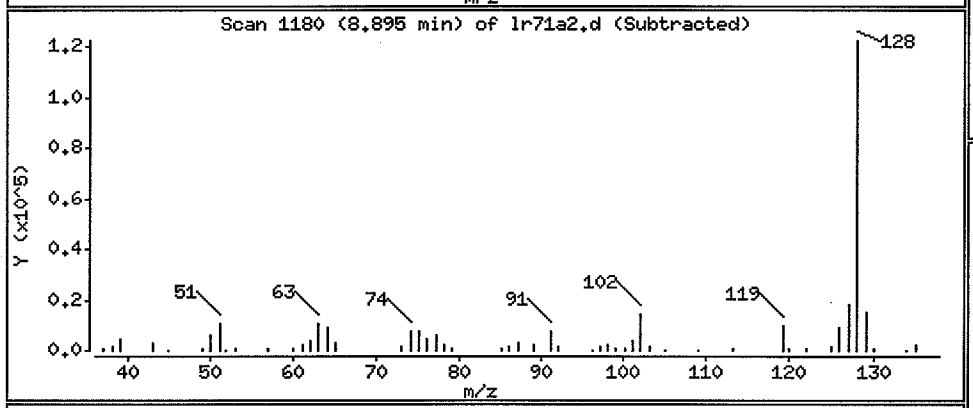
Column phase: ZB-5

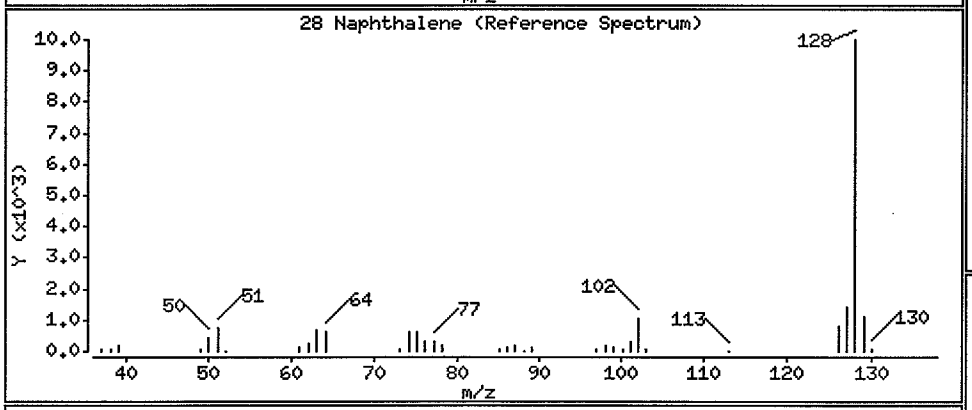
Column diameter: 0.32

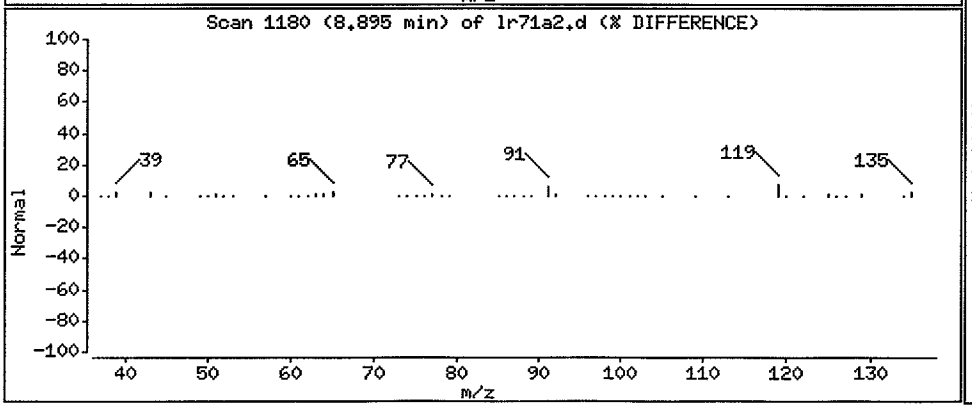
28 Naphthalene

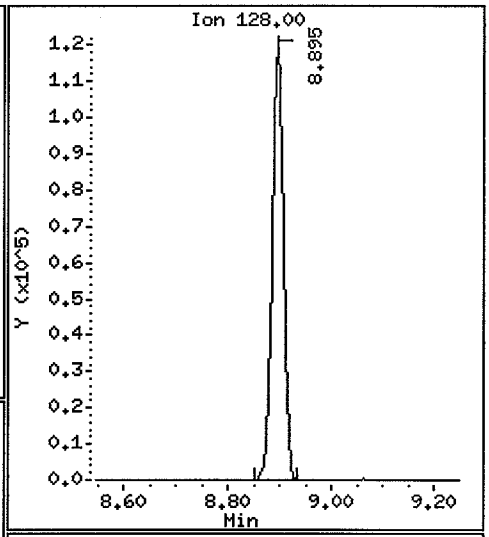
Concentration: 102.8 ug/Kg

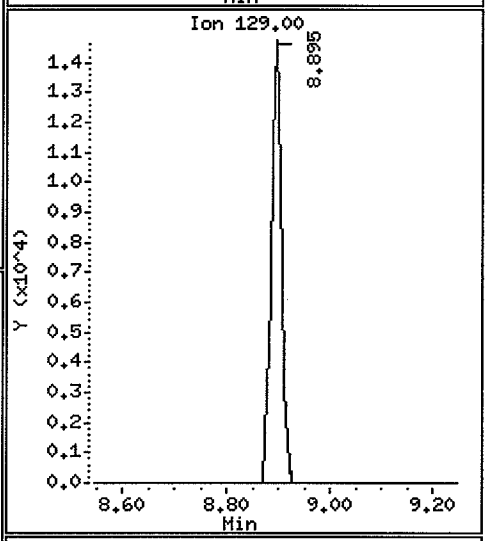


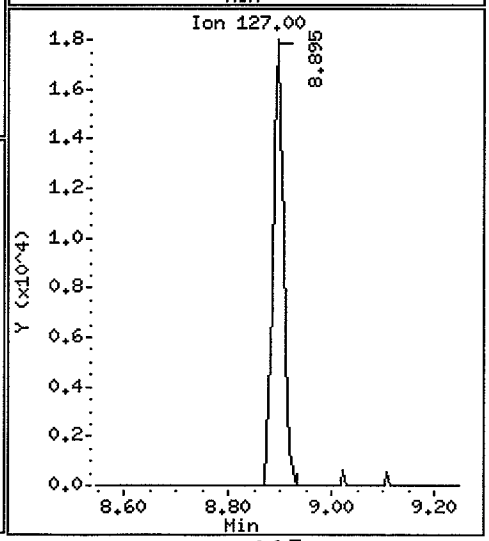












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

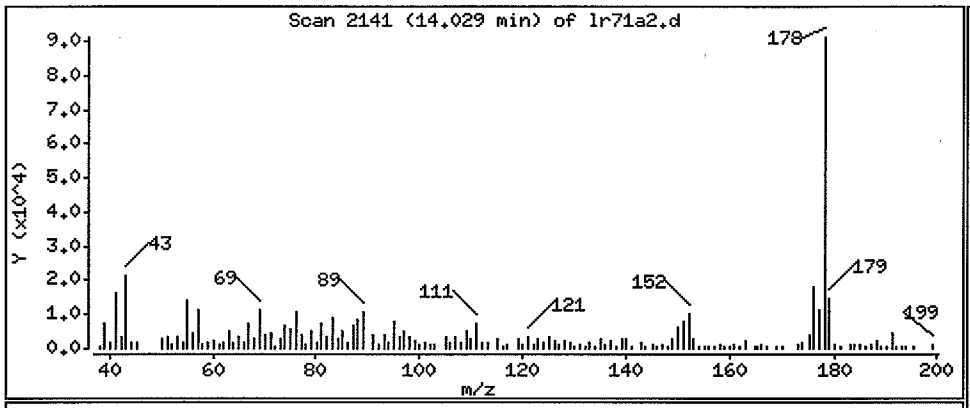
Operator: VTS

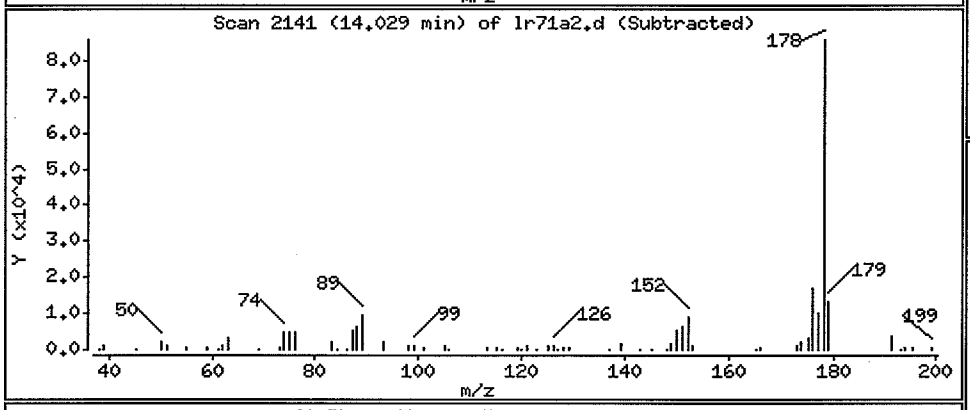
Column phase: ZB-5

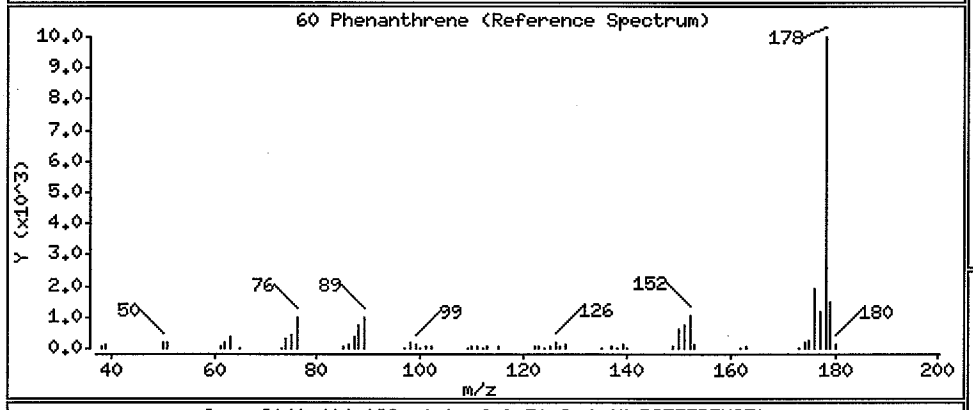
Column diameter: 0.32

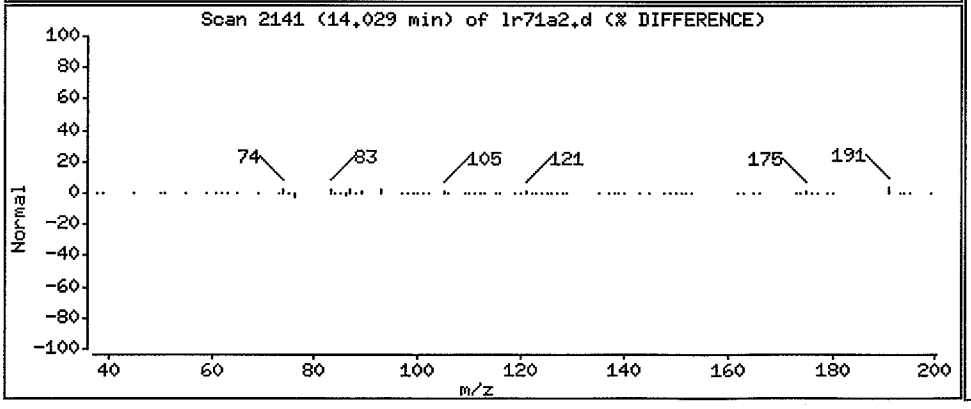
60 Phenanthrene

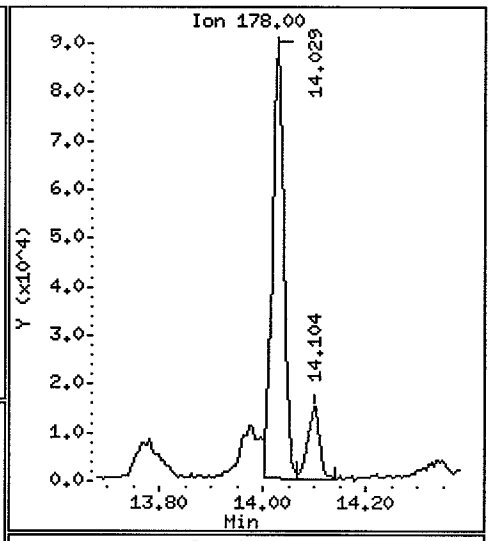
Concentration: 91.39 ug/Kg

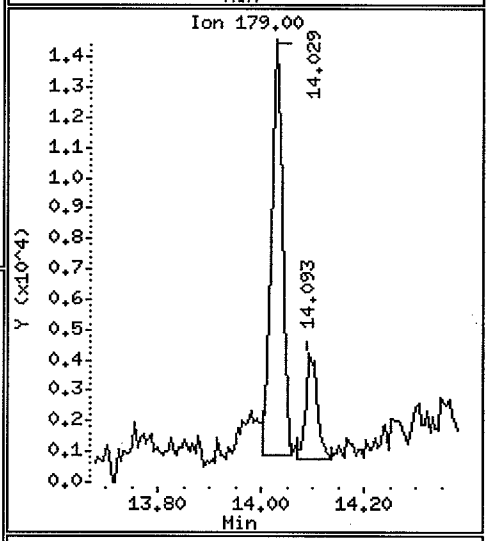


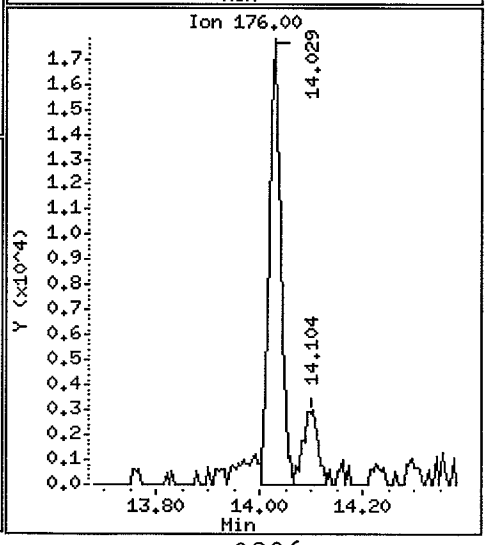












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

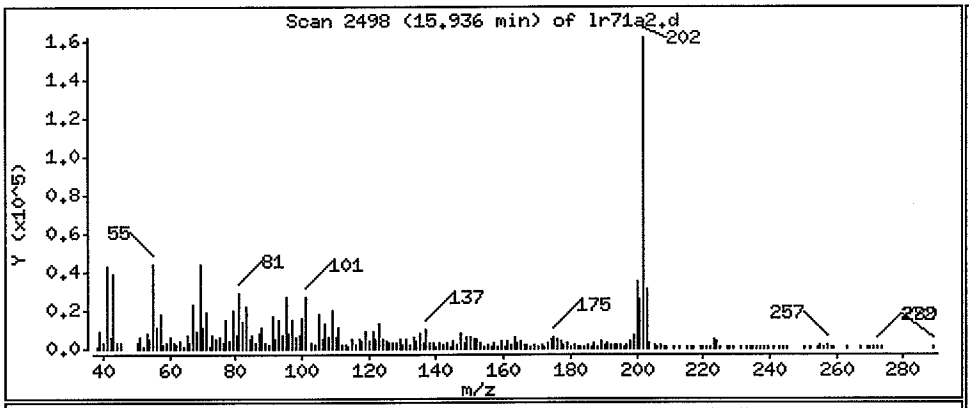
Operator: VTS

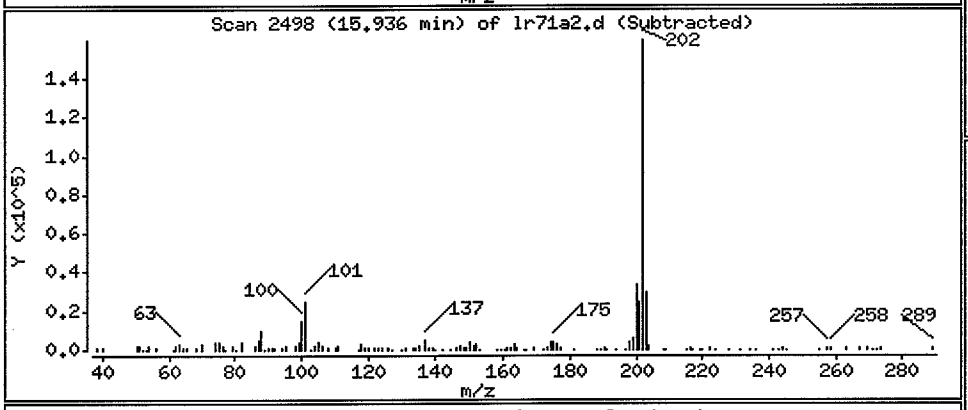
Column phase: ZB-5

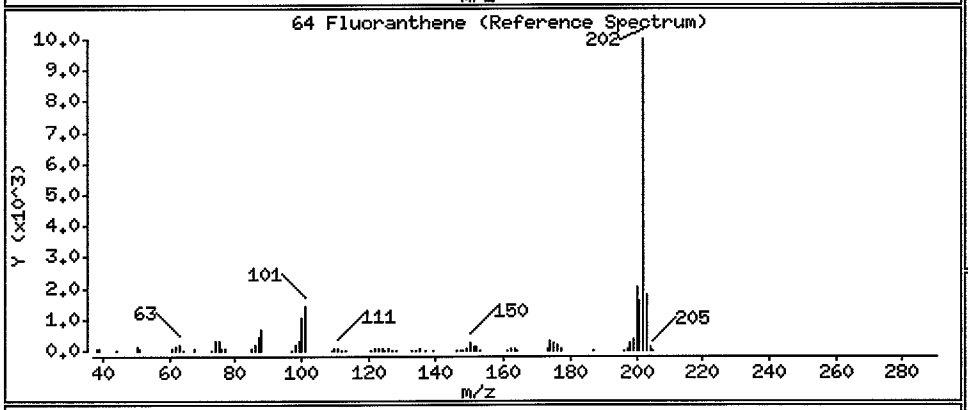
Column diameter: 0.32

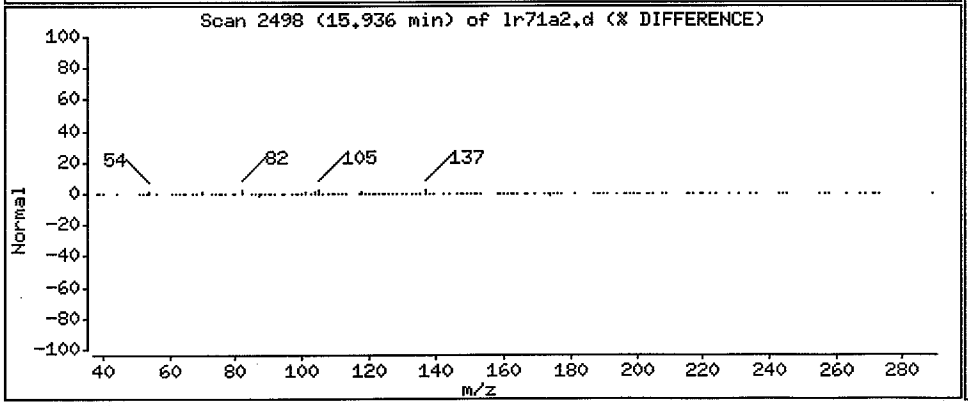
64 Fluoranthene

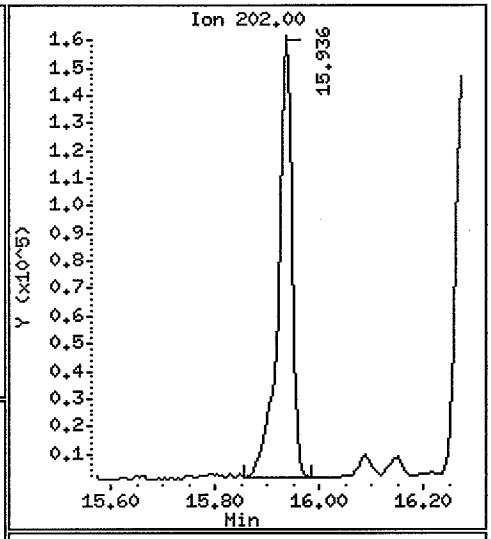
Concentration: 181.3 ug/Kg

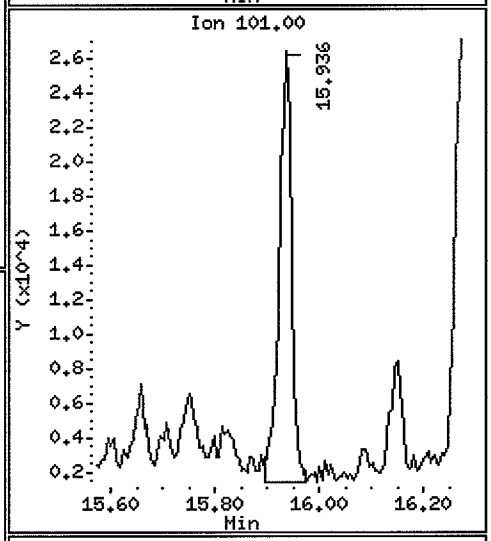


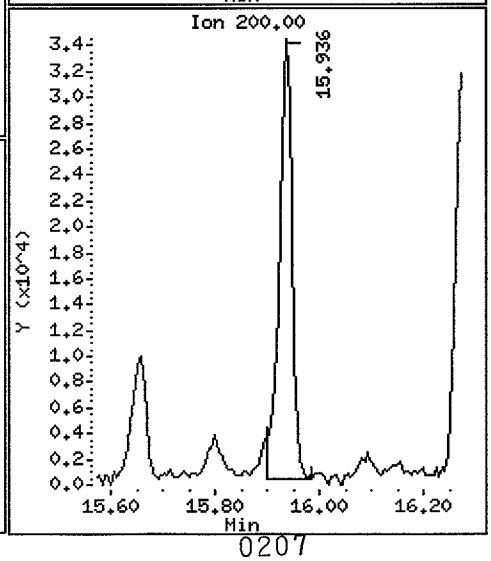












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

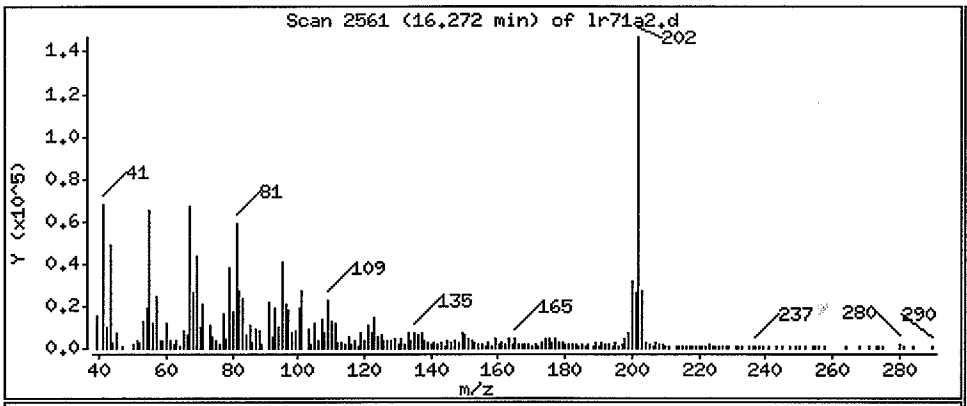
Operator: VTS

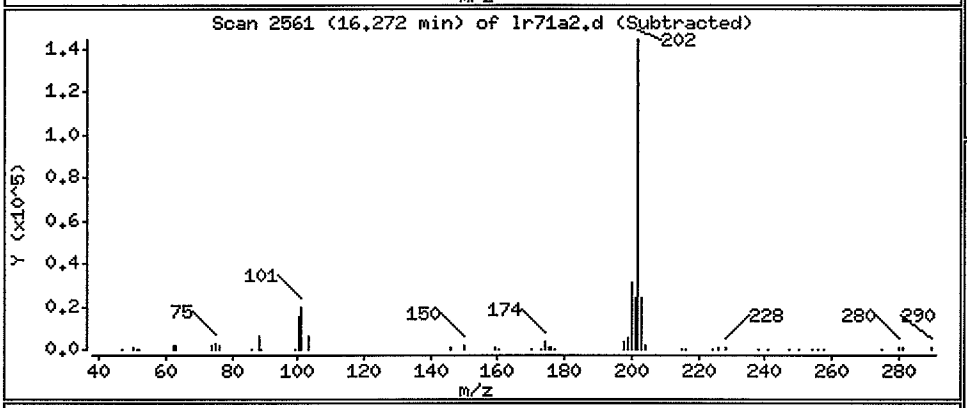
Column phase: ZB-5

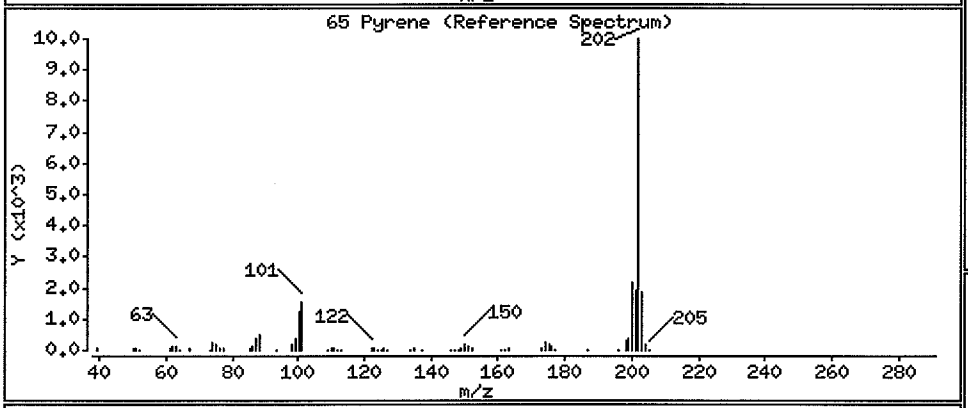
Column diameter: 0.32

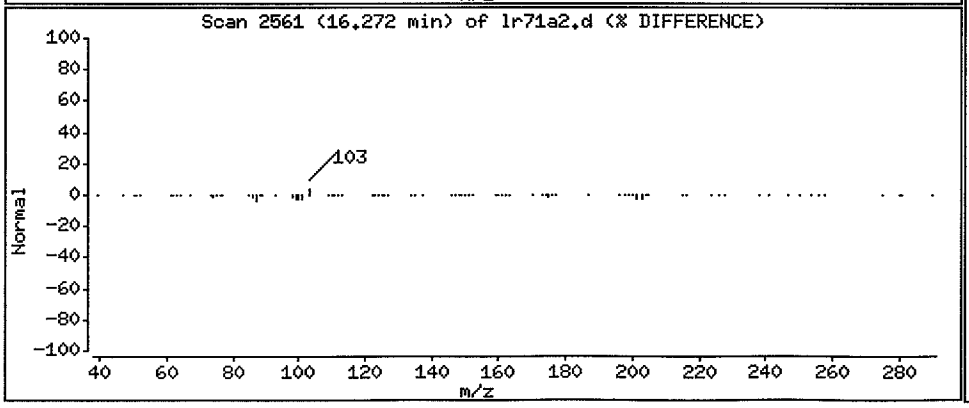
65 Pyrene

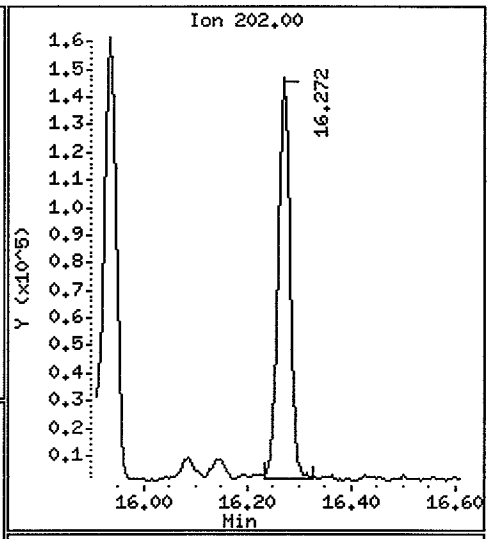
Concentration: 116.3 ug/Kg

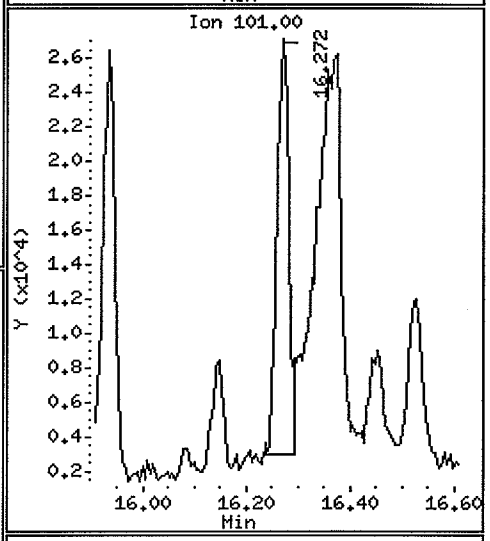


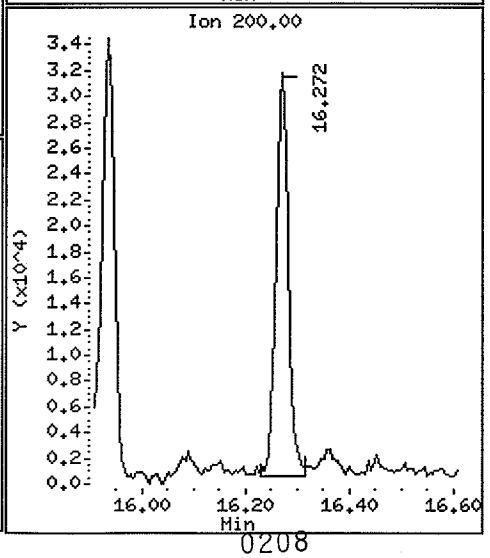












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

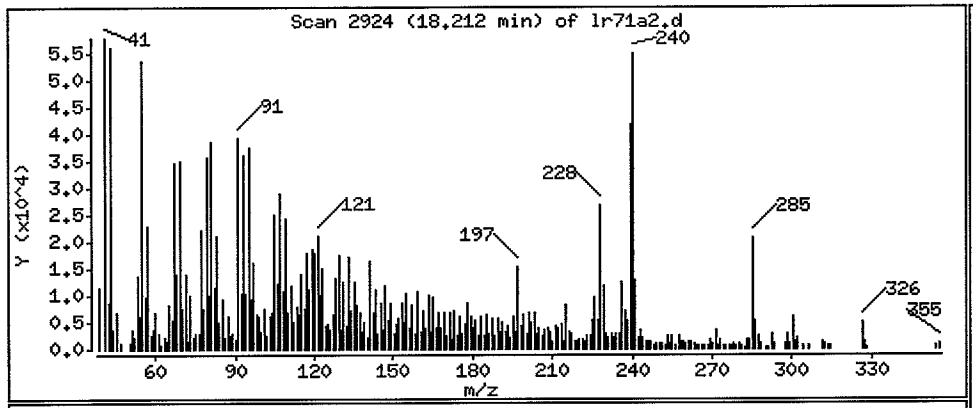
Operator: VTS

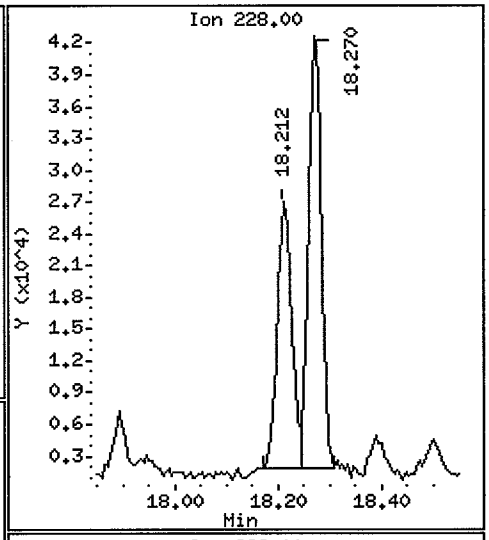
Column phase: ZB-5

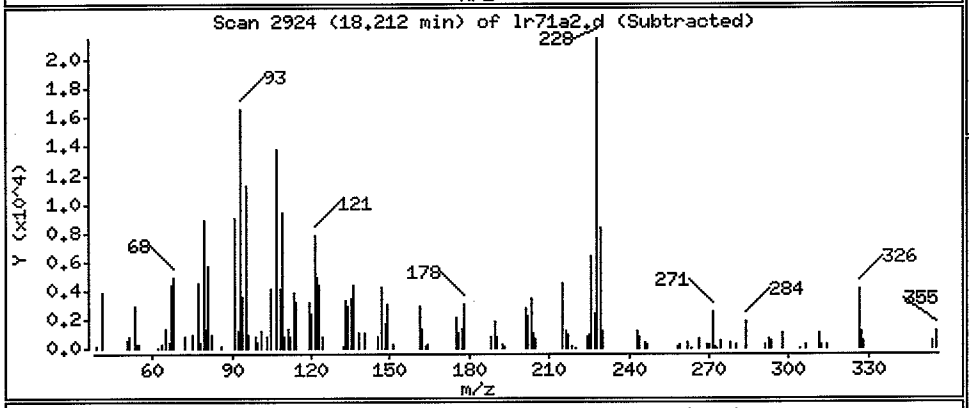
Column diameter: 0.32

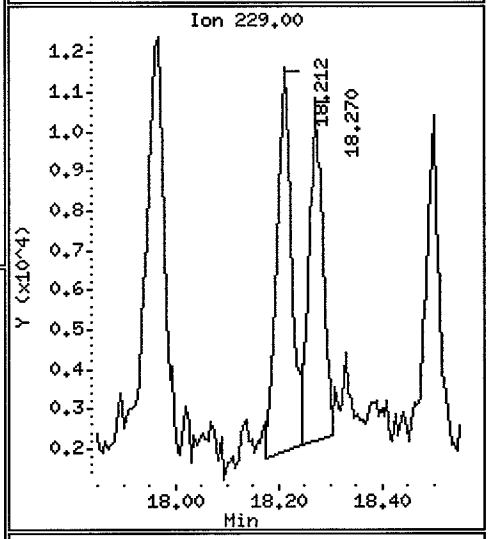
68 Benzo(a)anthracene

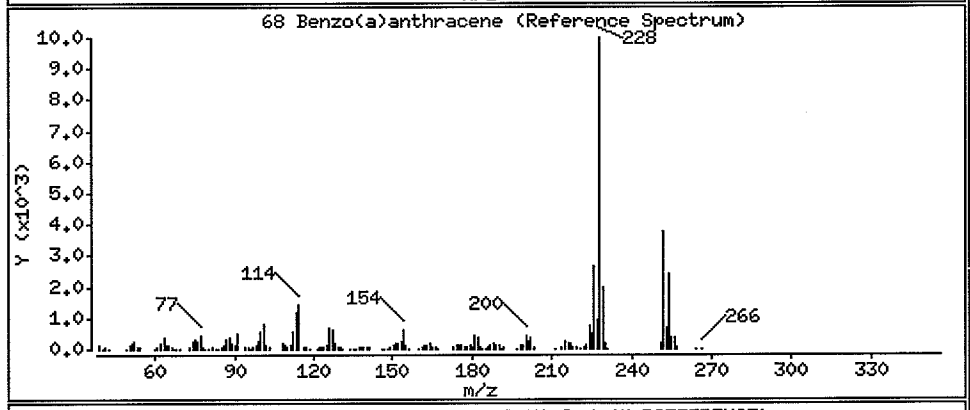
Concentration: 26.59 ug/Kg

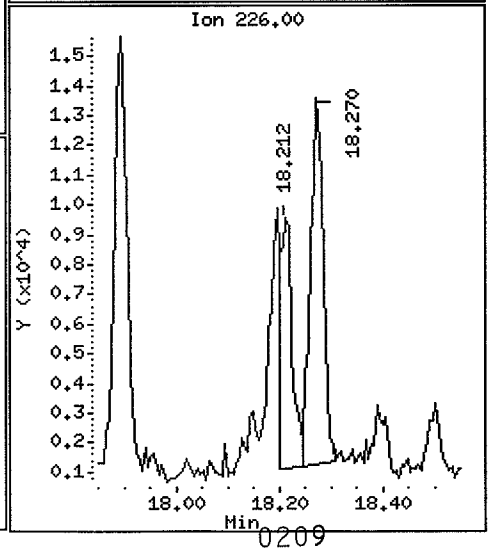


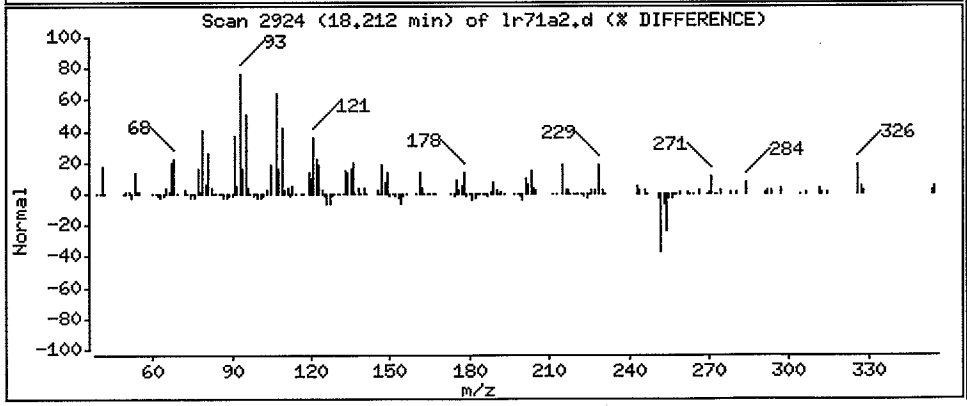












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

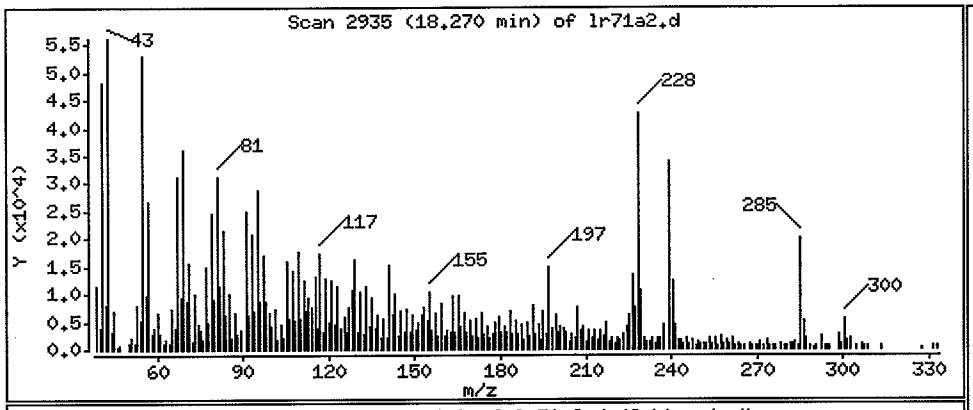
Operator: VTS

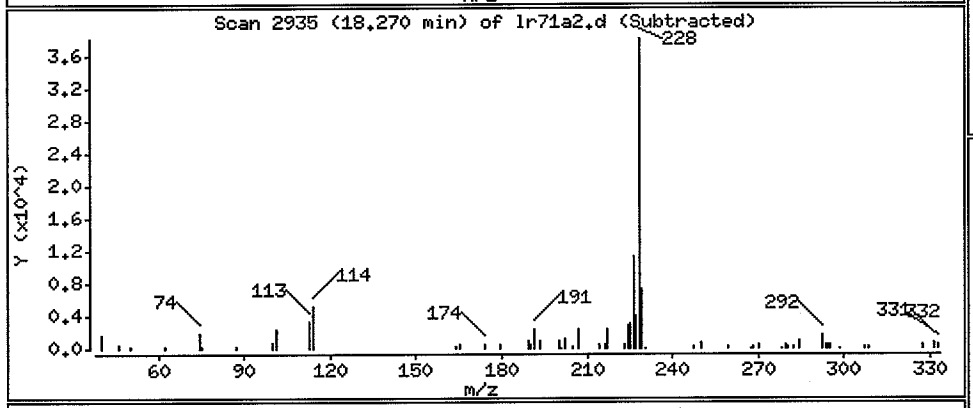
Column phase: ZB-5

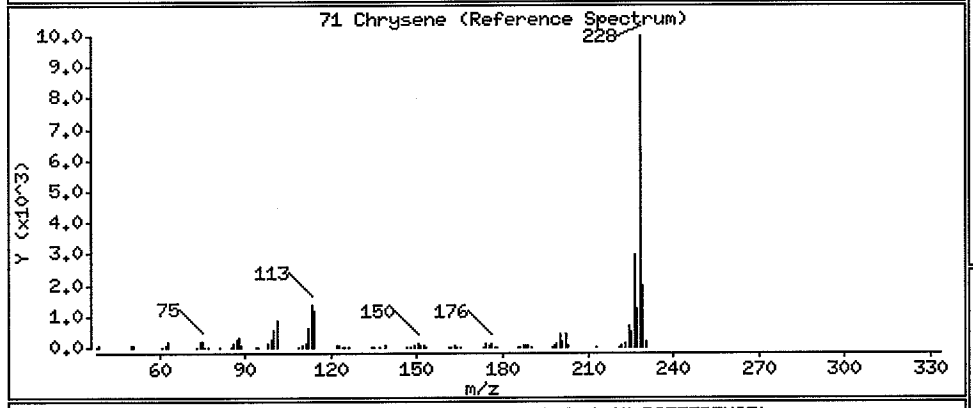
Column diameter: 0.32

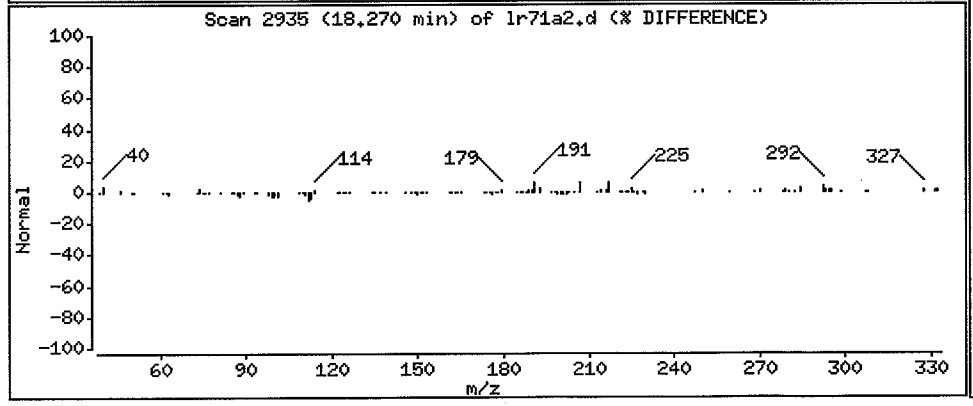
71 Chrysene

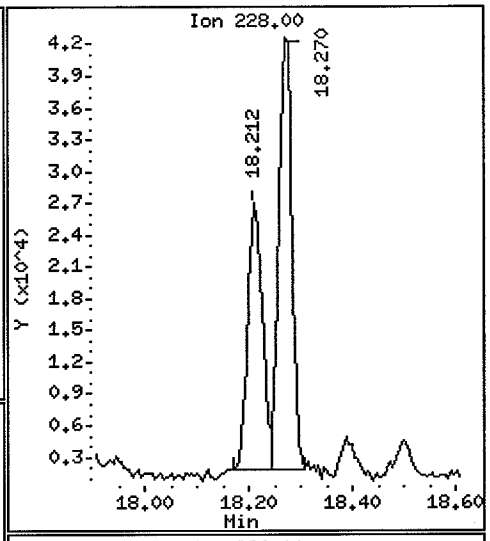
Concentration: 40.17 ug/Kg

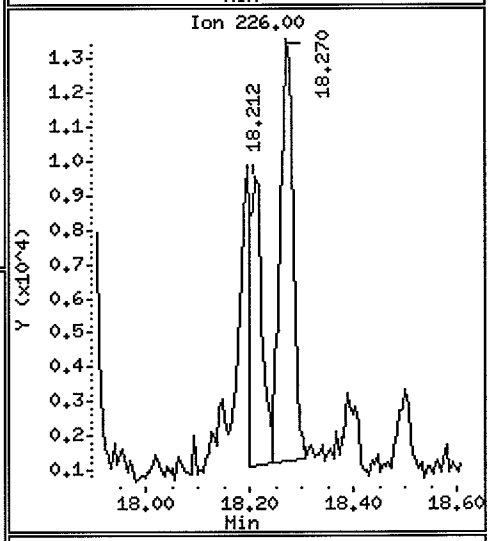


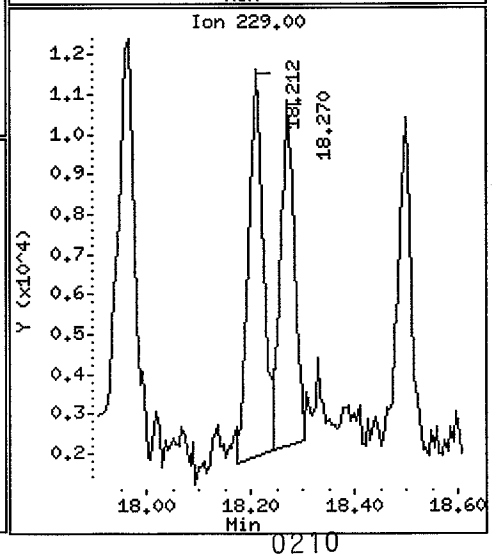












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

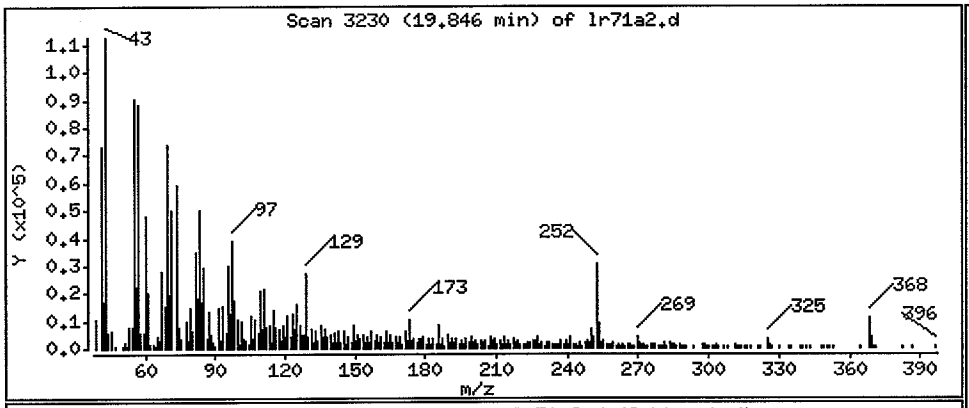
Operator: VTS

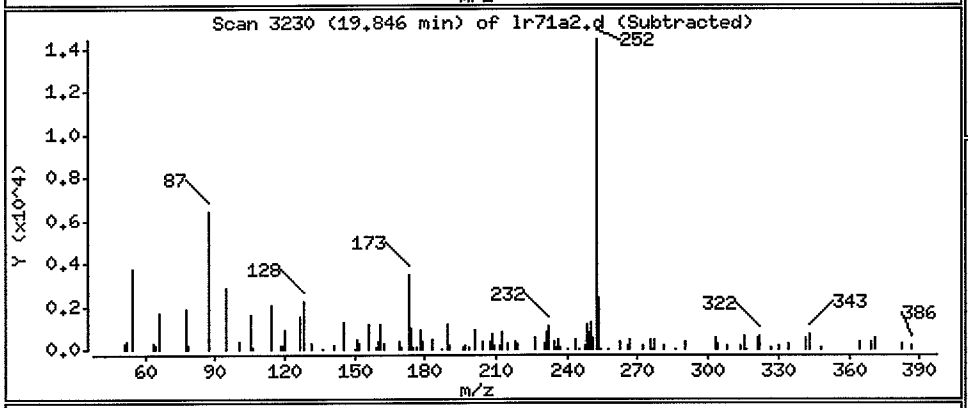
Column phase: ZB-5

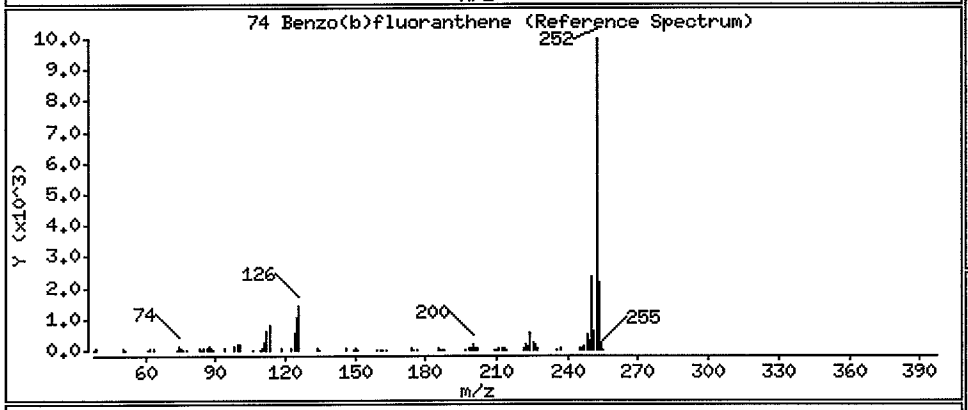
Column diameter: 0.32

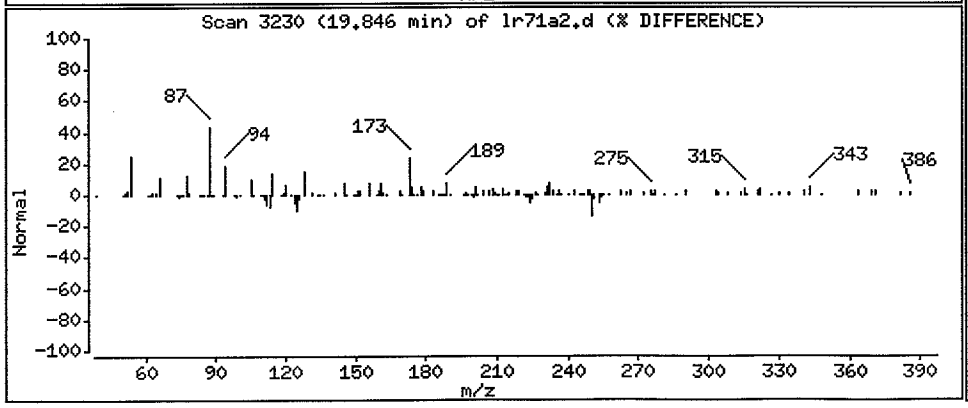
74 Benzo(b)fluoranthene

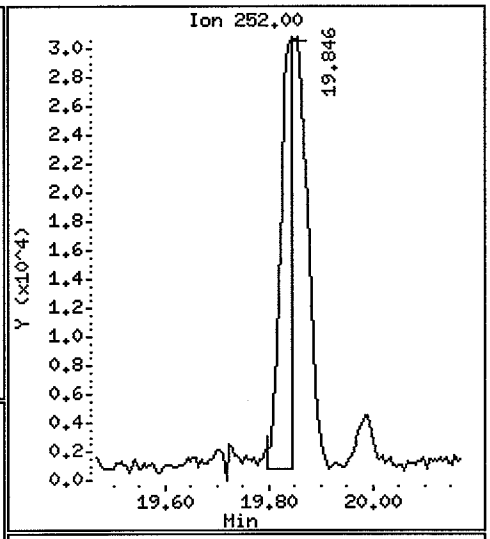
Concentration: 30.54 ug/Kg

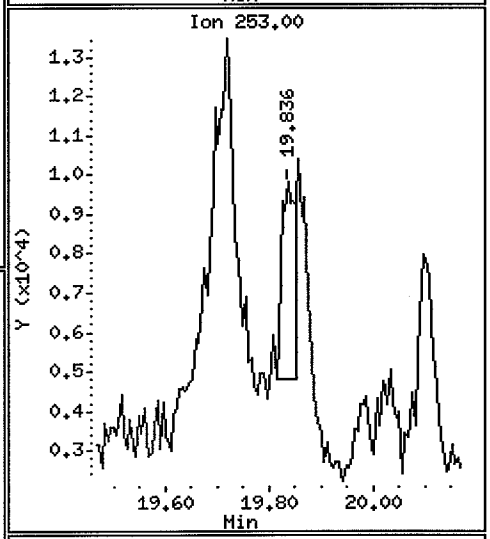


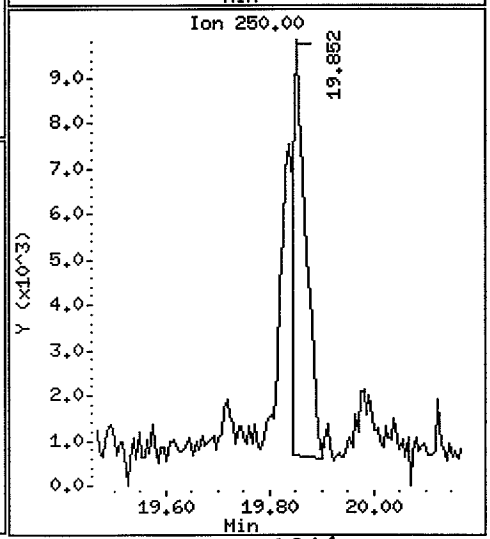












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

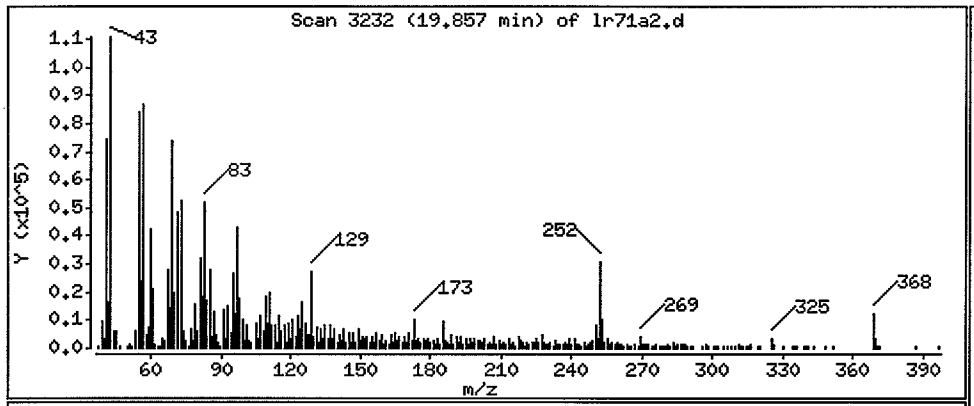
Operator: VTS

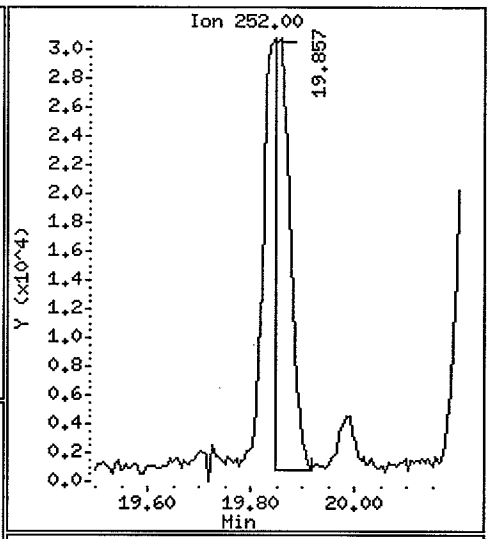
Column phase: ZB-5

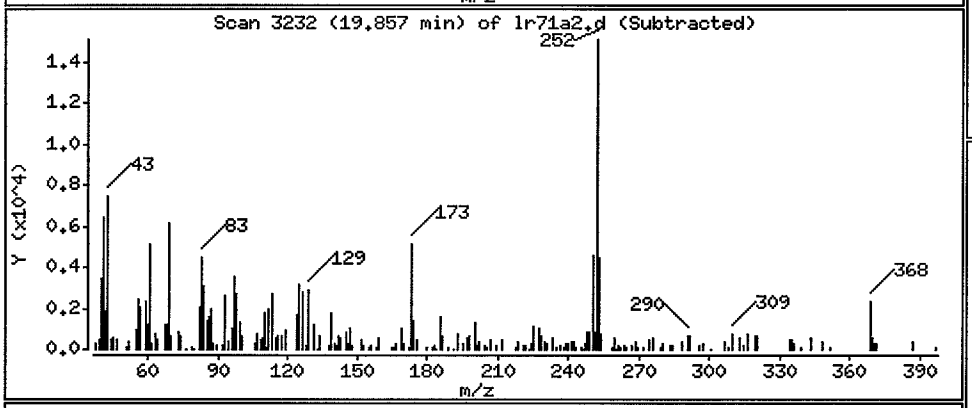
Column diameter: 0.32

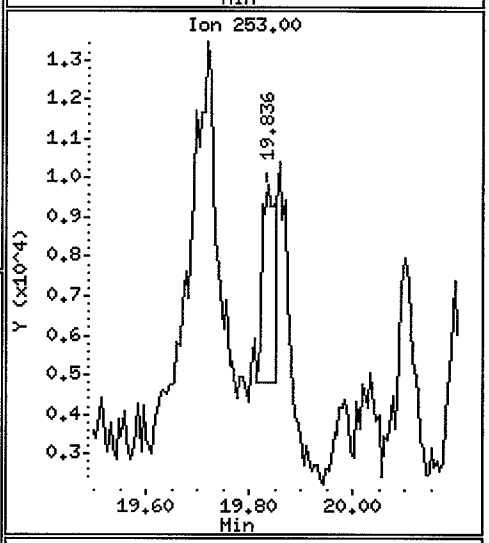
75 Benzo(k)fluoranthene

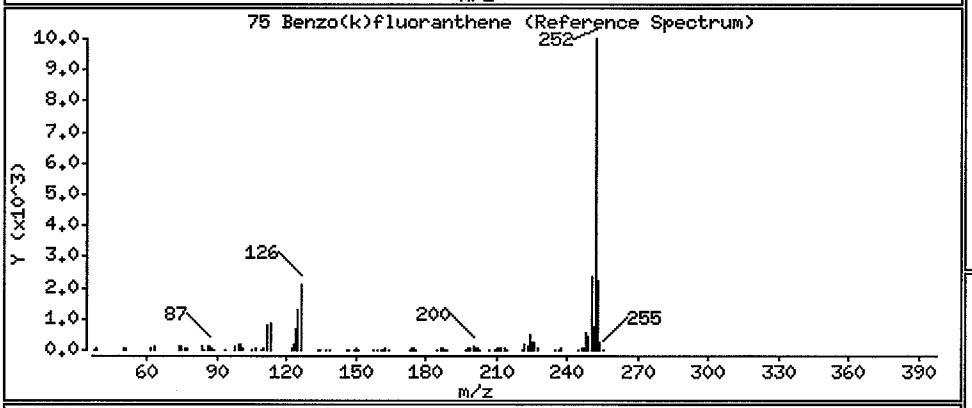
Concentration: 34.44 ug/Kg

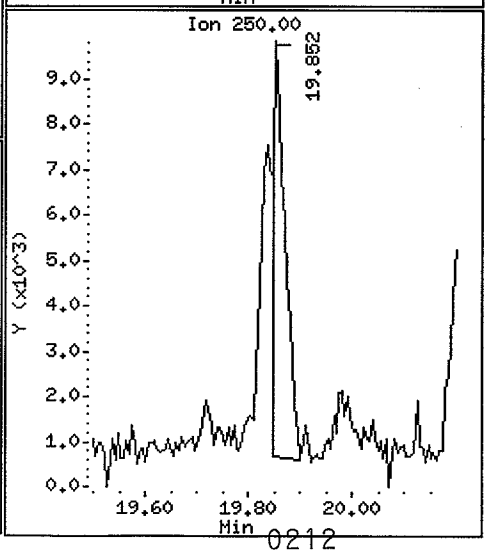


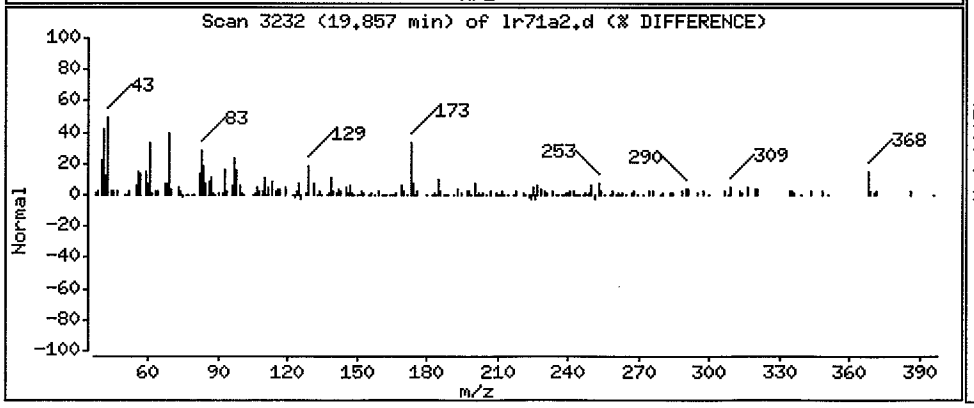












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

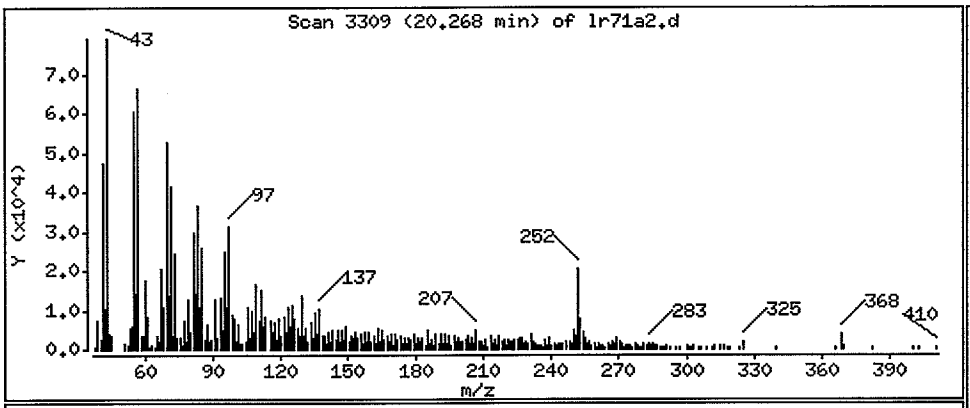
Operator: VTS

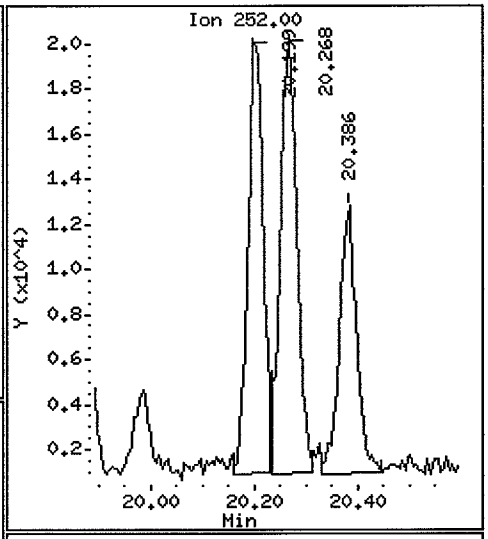
Column phase: ZB-5

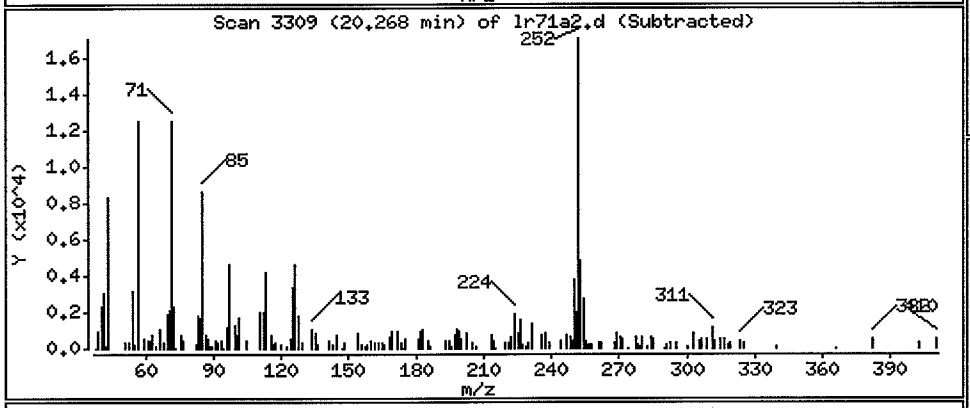
Column diameter: 0.32

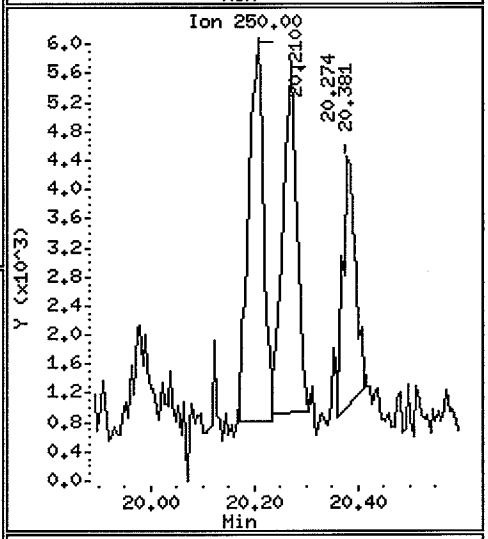
76 Benzo(a)pyrene

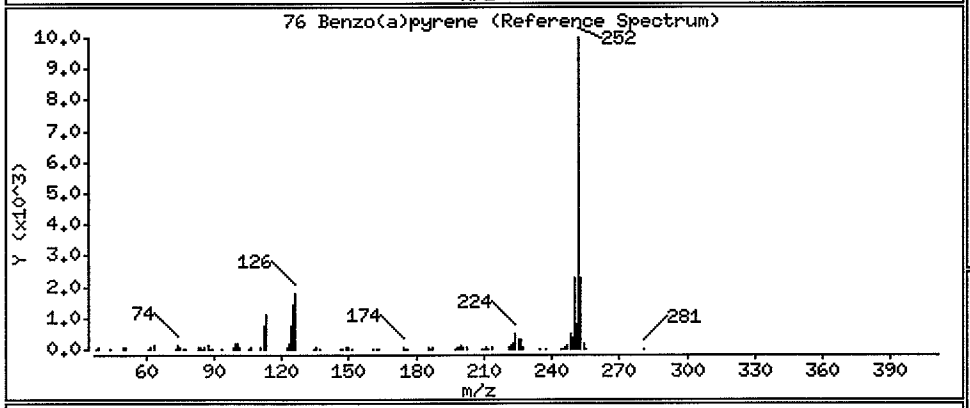
Concentration: 29.18 ug/Kg

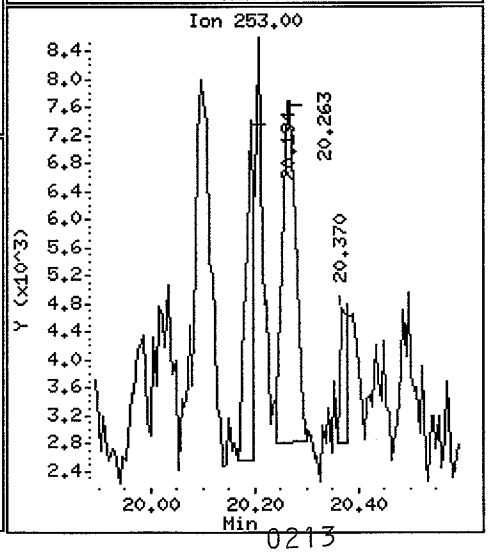


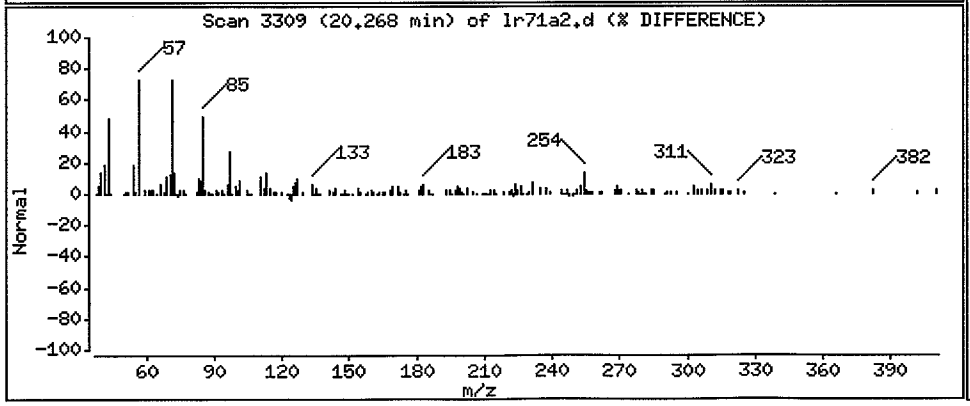






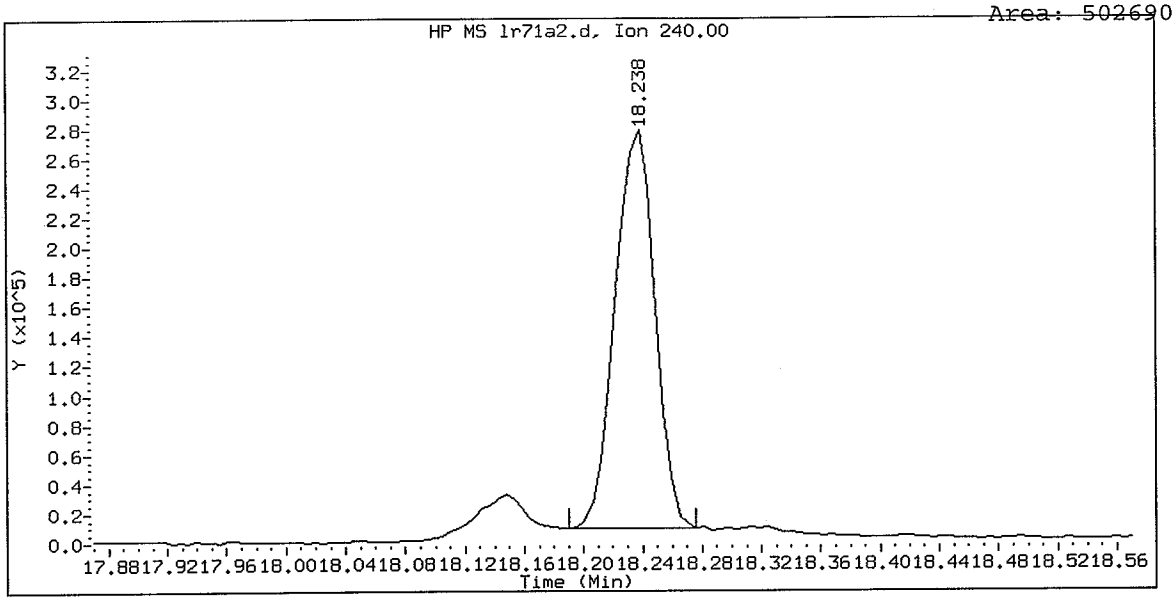


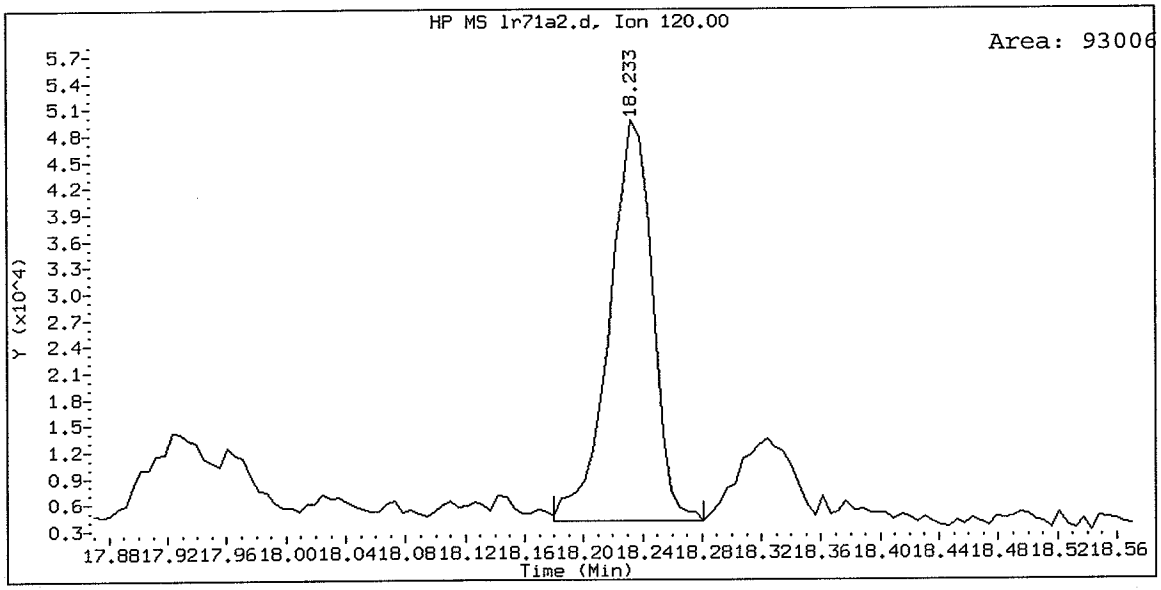


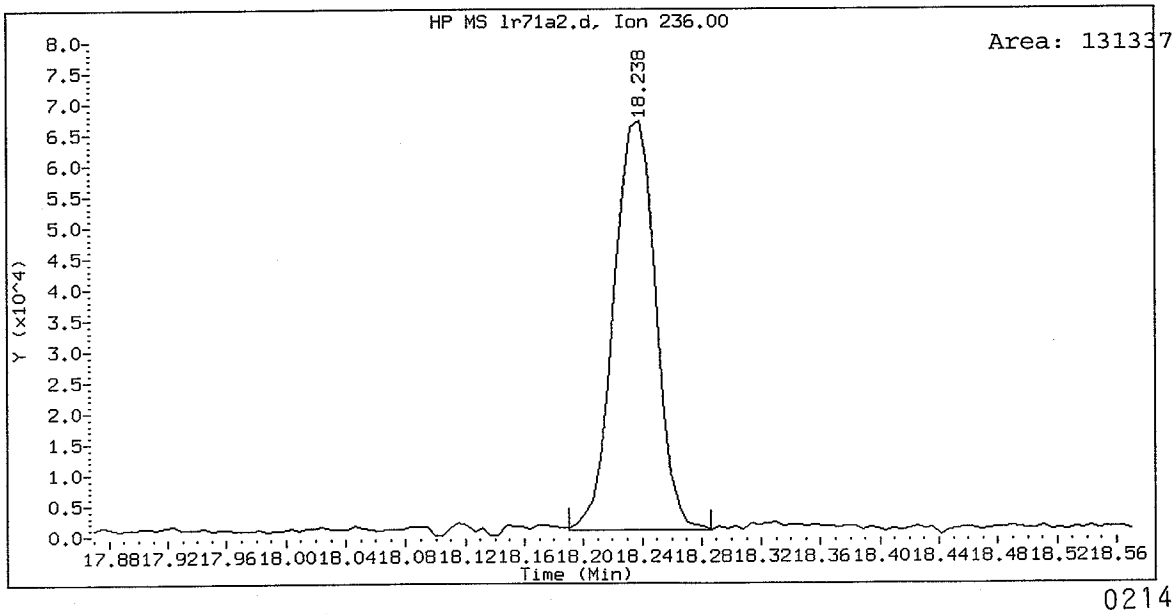


LR71ARE, /chem3/nt4.i/20071101.b/lr71a2.d
Chrysene-d12 Amount: 20.00

Area: 502690







Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

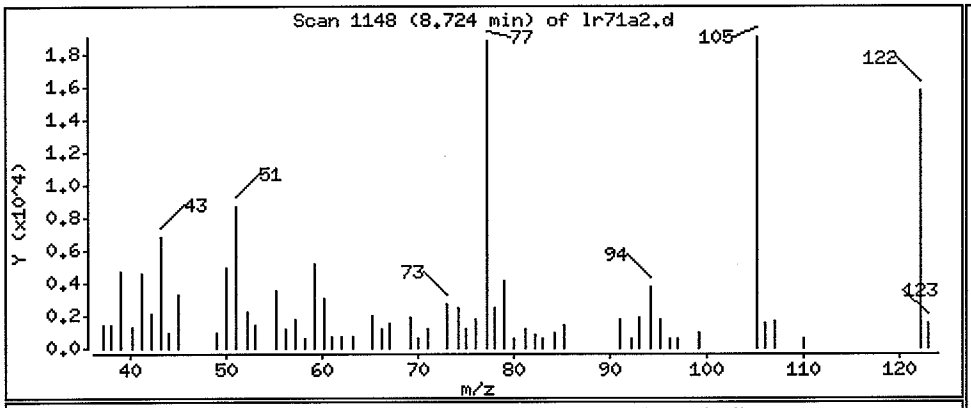
Operator: VTS

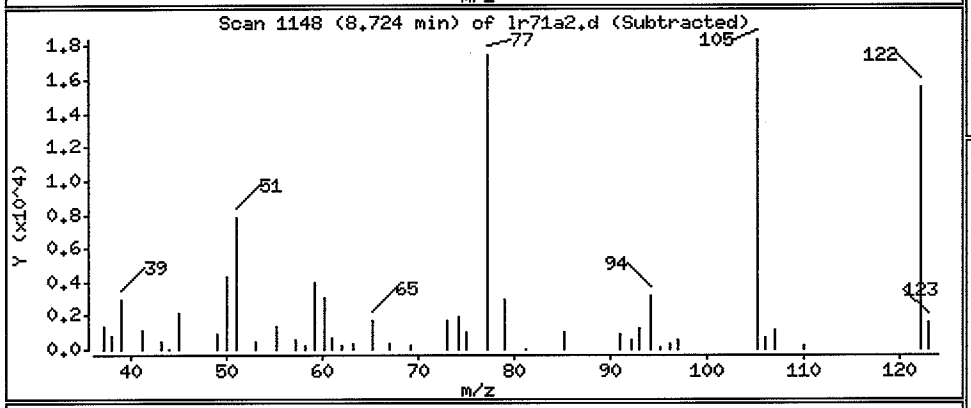
Column phase: ZB-5

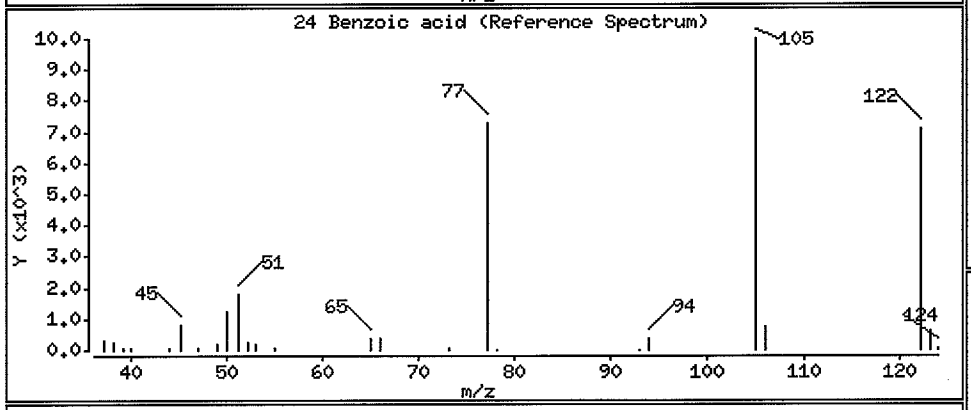
Column diameter: 0.32

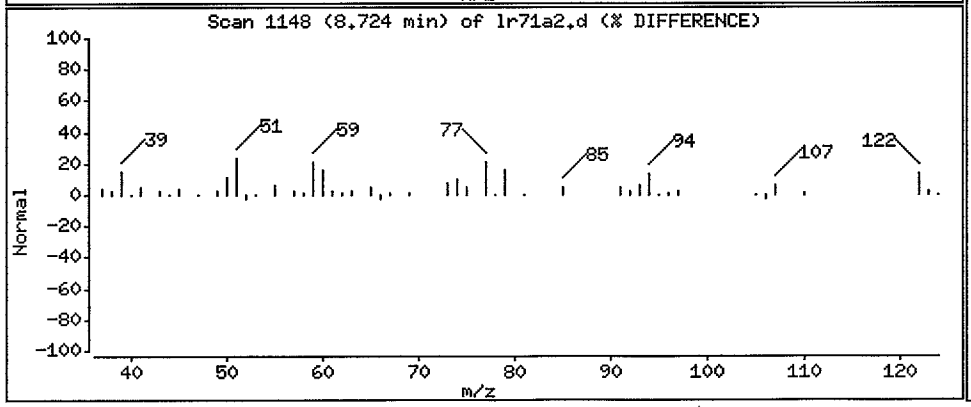
24 Benzoic acid

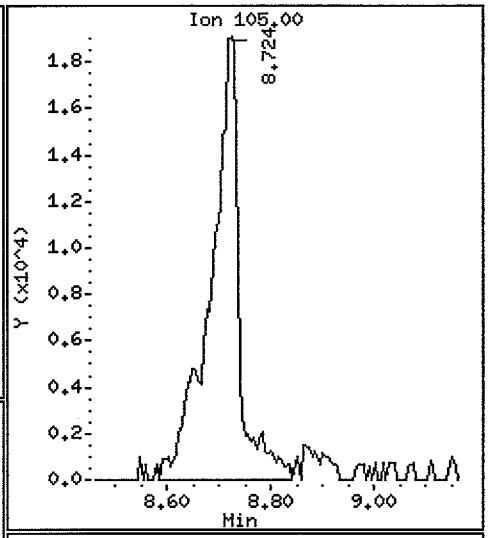
Concentration: 154.4 ug/Kg

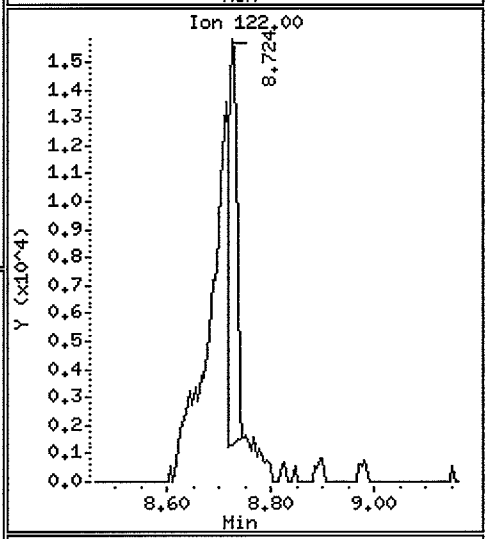


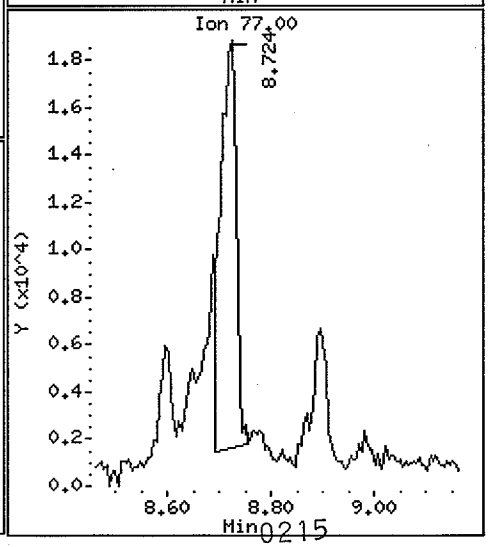












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

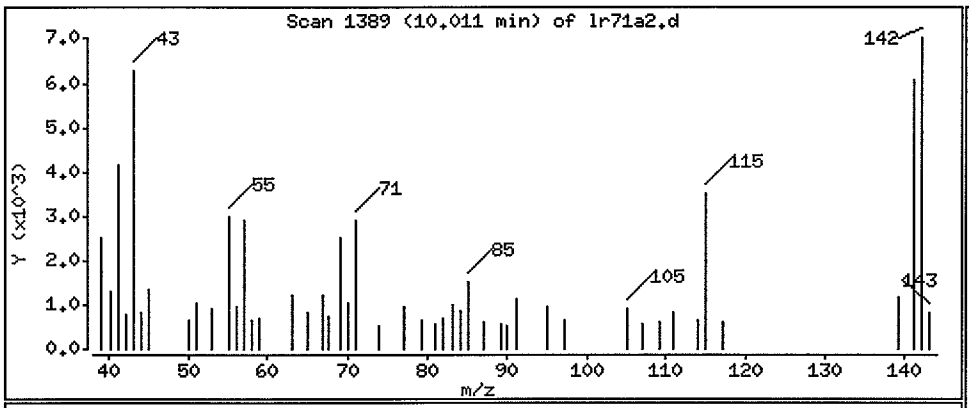
Operator: VTS

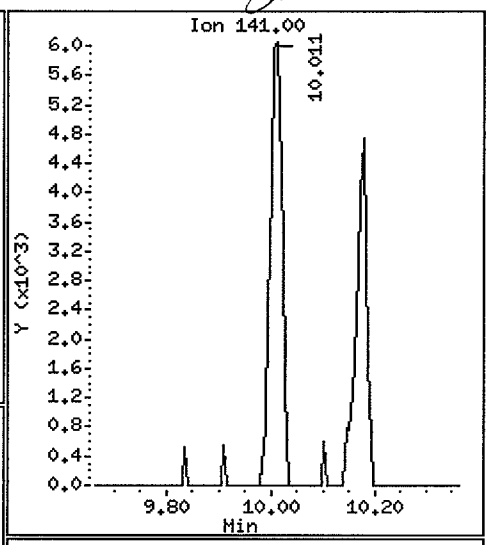
Column phase: ZB-5

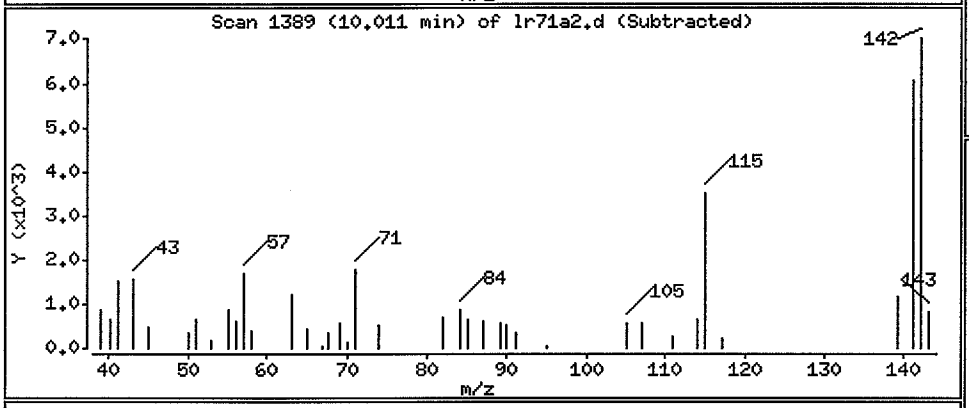
Column diameter: 0.32

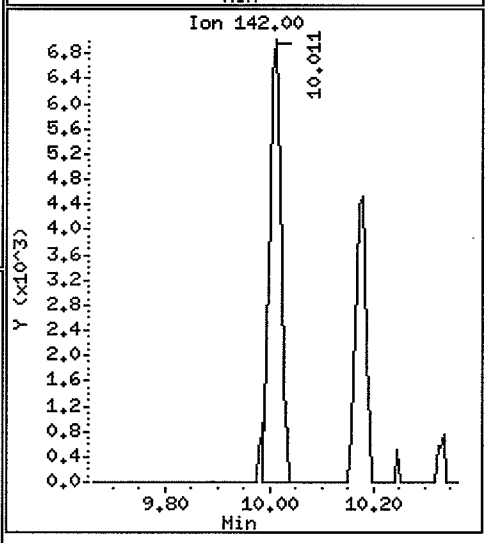
32 2-Methylnaphthalene

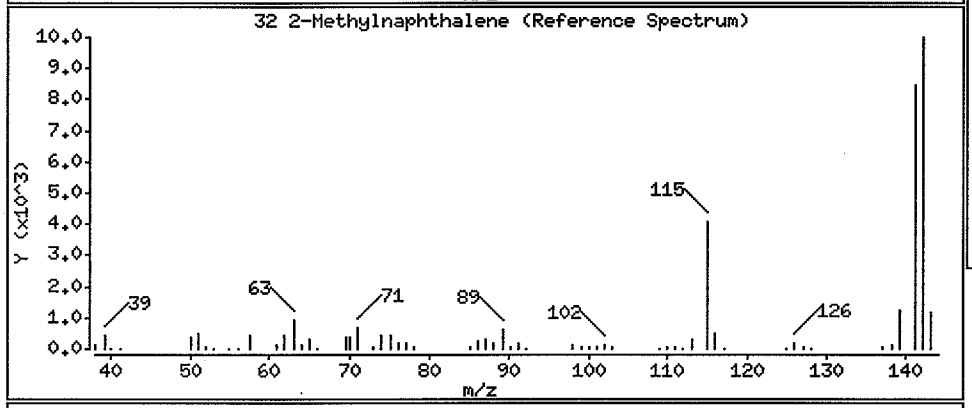
Concentration: 10.83 ug/Kg

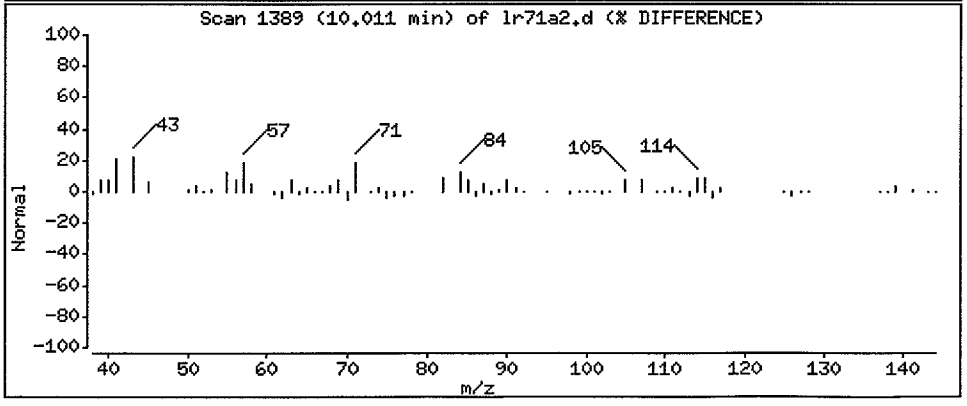












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

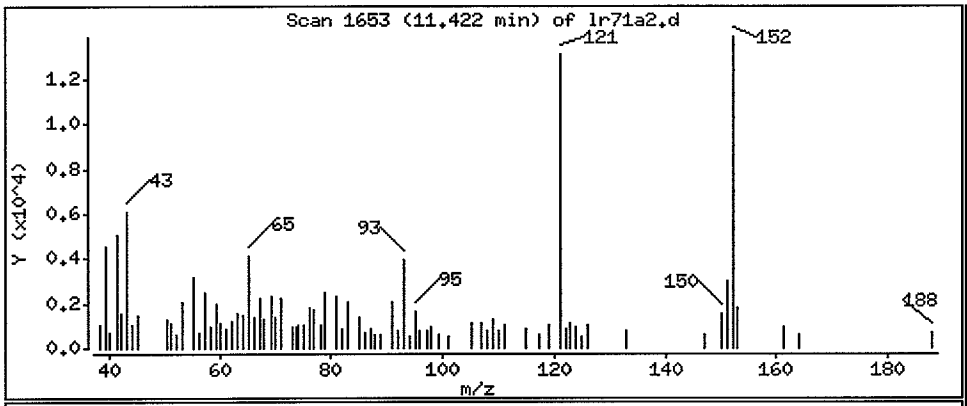
Operator: VTS

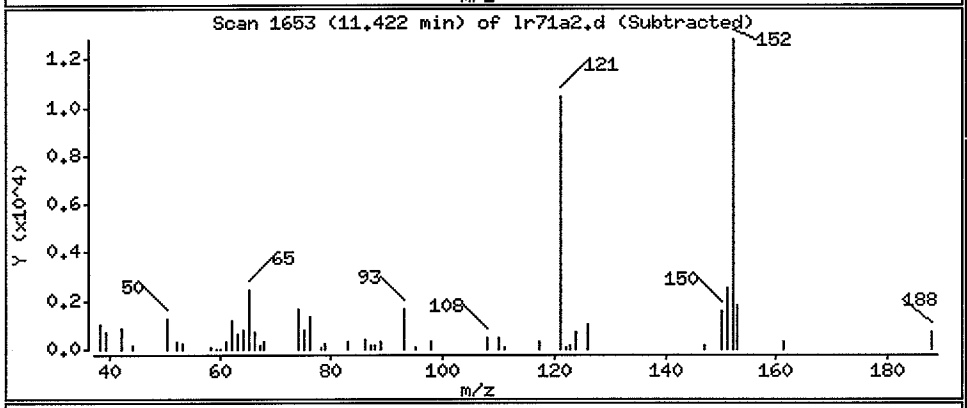
Column phase: ZB-5

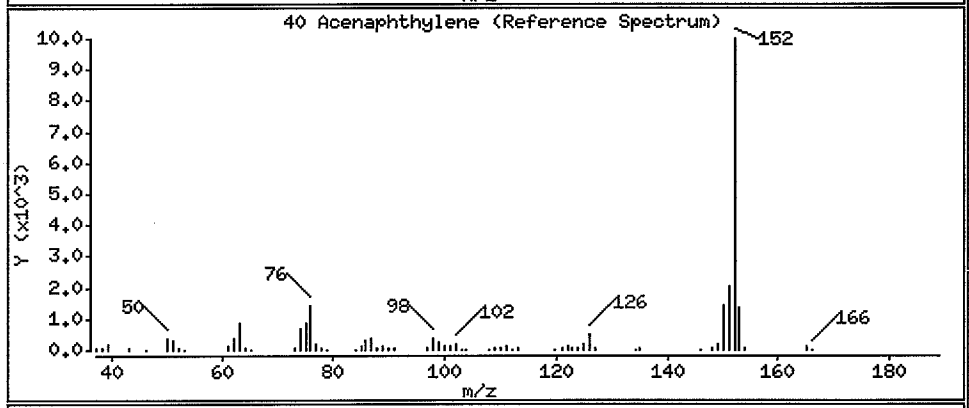
Column diameter: 0.32

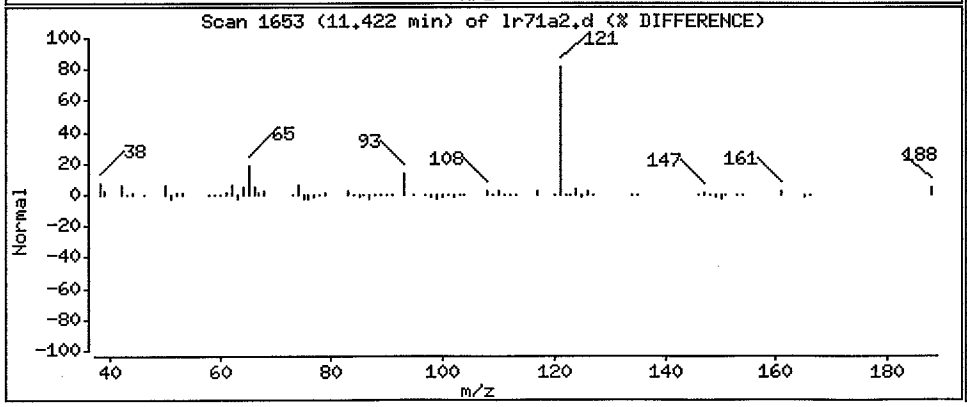
40 Acenaphthylene

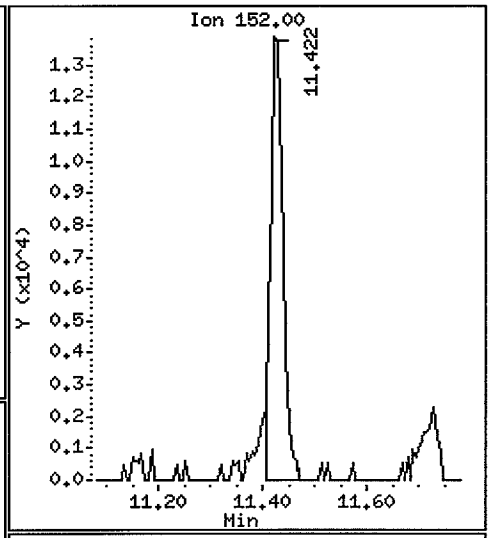
Concentration: 15.60 ug/Kg

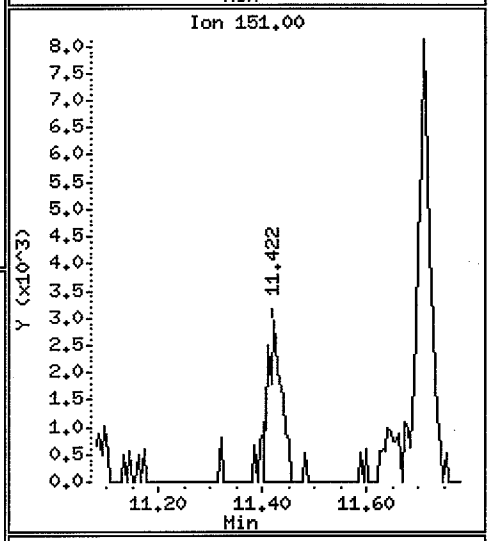


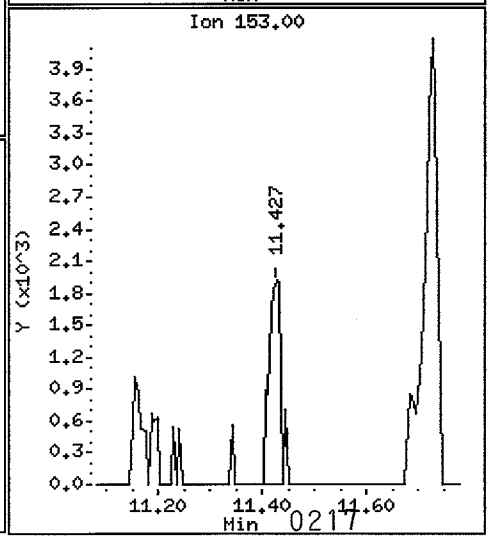












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

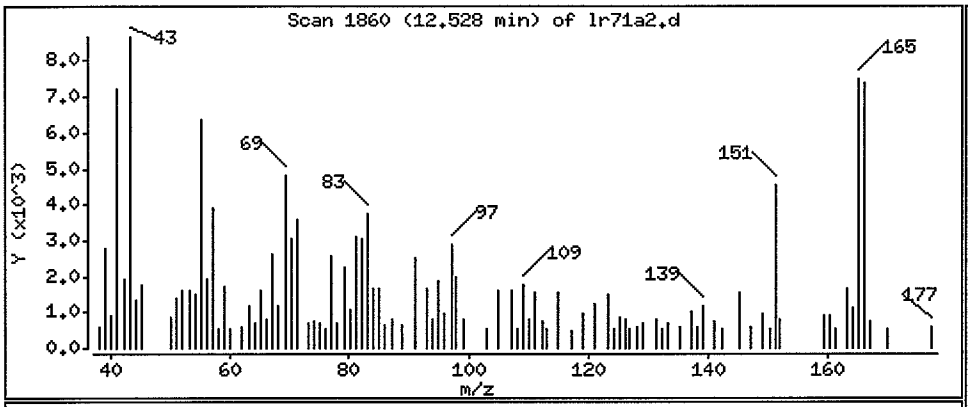
Operator: VTS

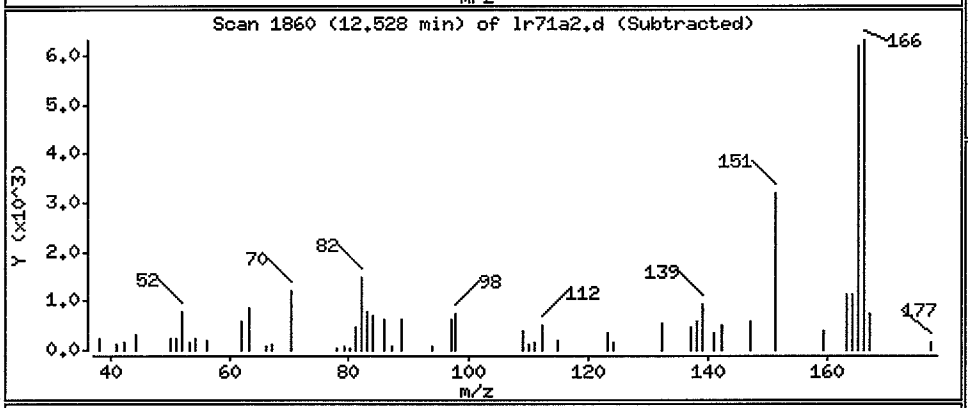
Column phase: ZB-5

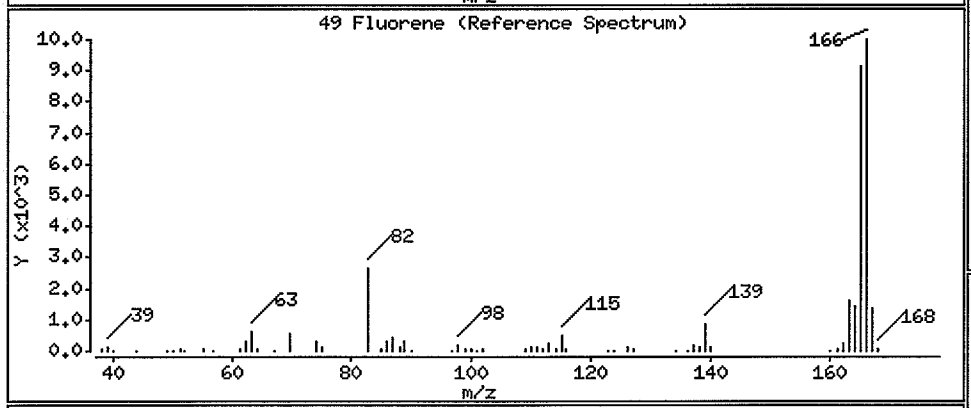
Column diameter: 0.32

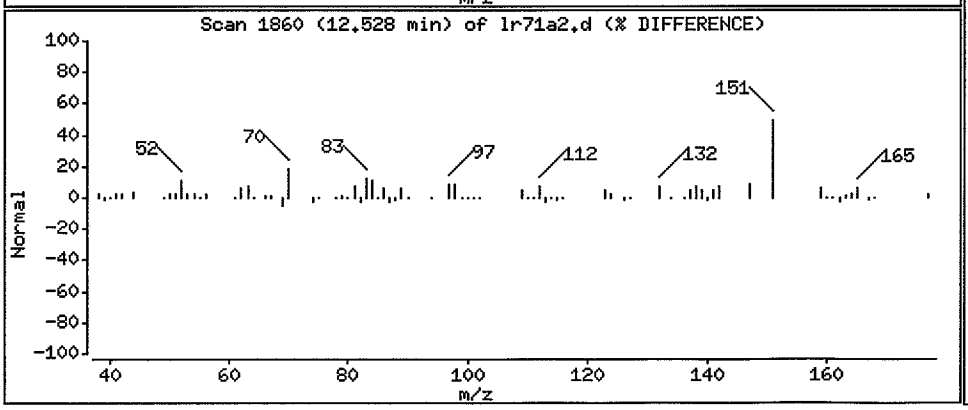
49 Fluorene

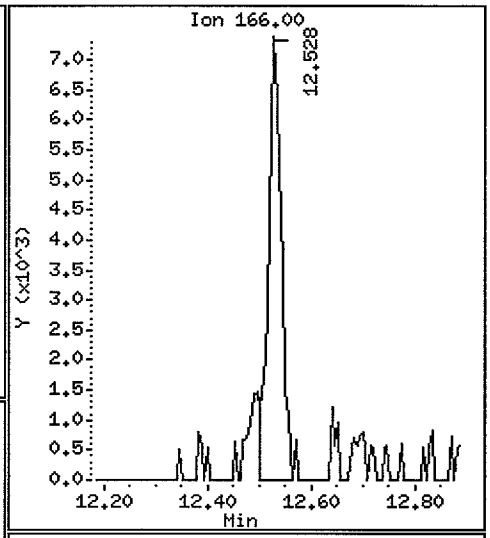
Concentration: 11.71 ug/Kg

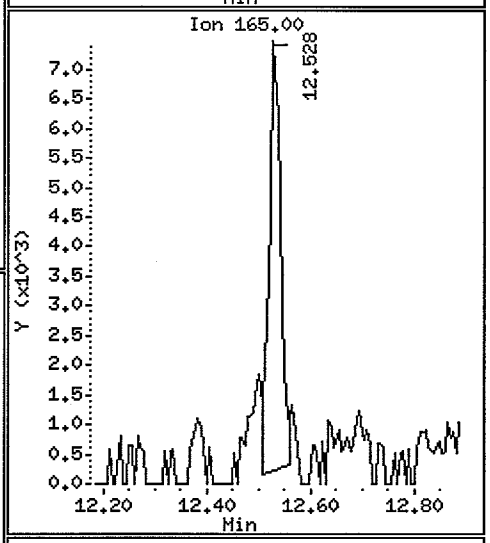


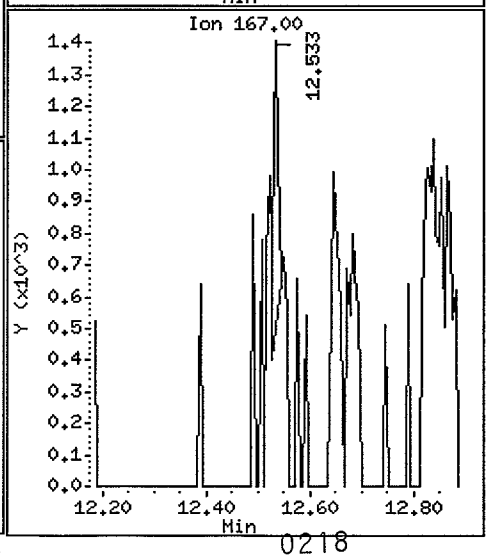












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

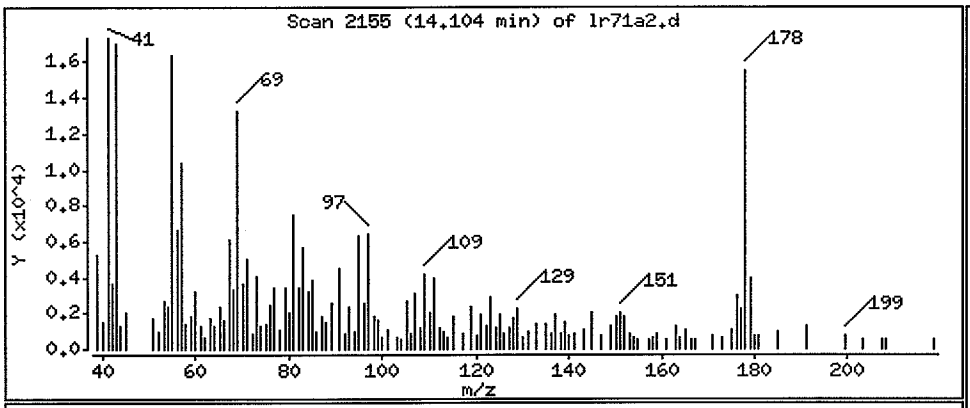
Operator: VTS

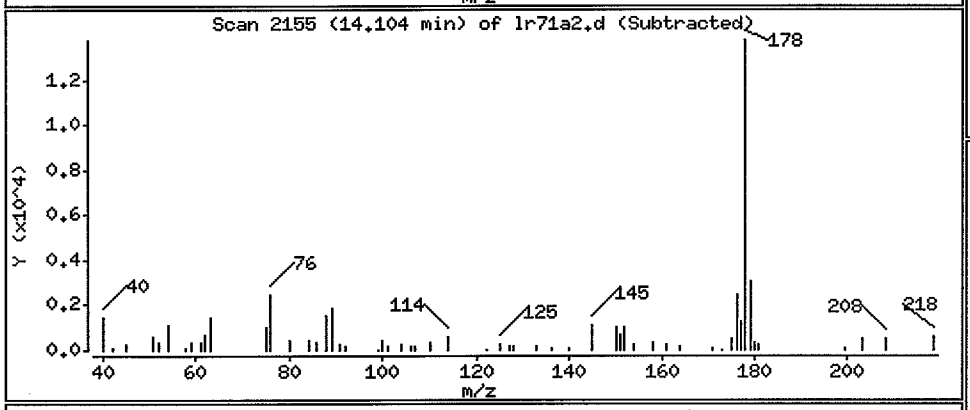
Column phase: ZB-5

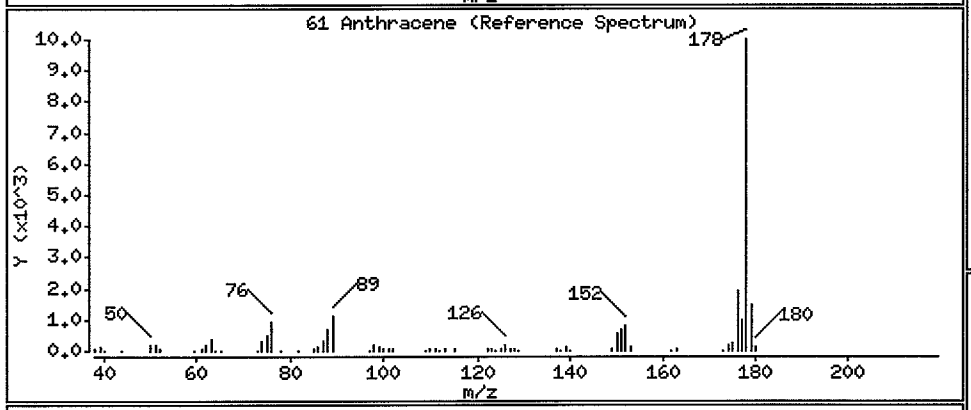
Column diameter: 0.32

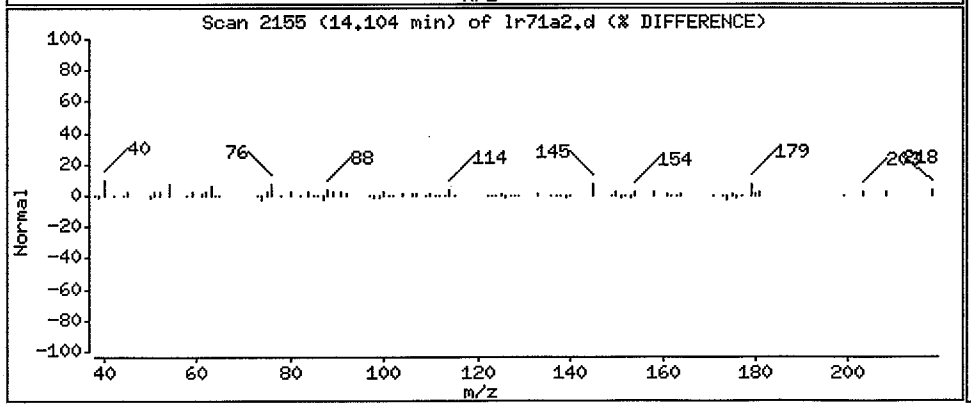
61 Anthracene

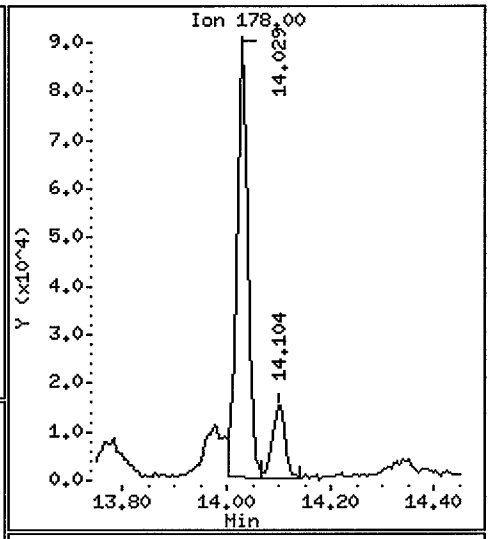
Concentration: 16.17 ug/Kg

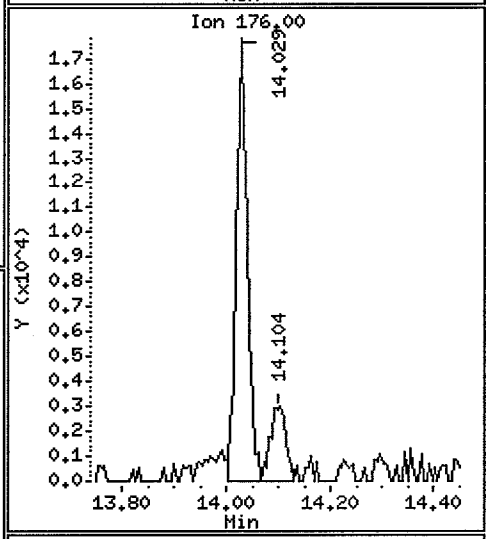


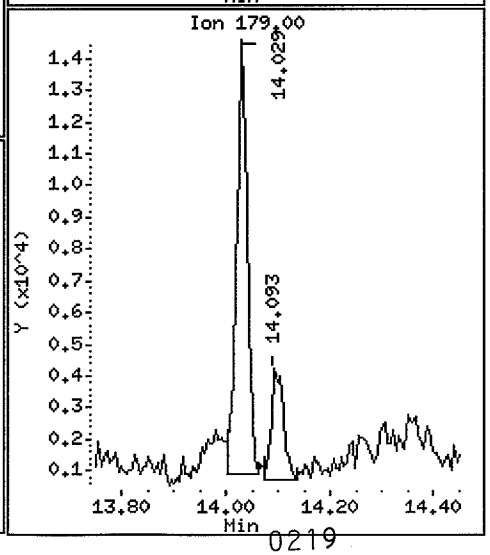












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

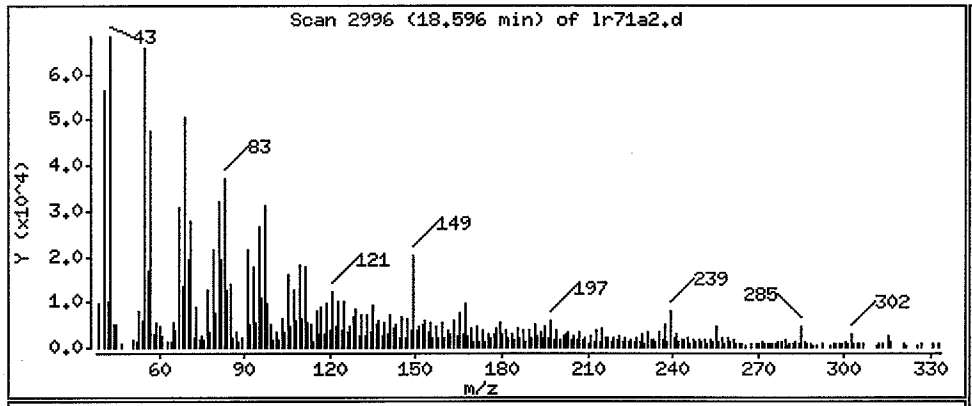
Operator: VTS

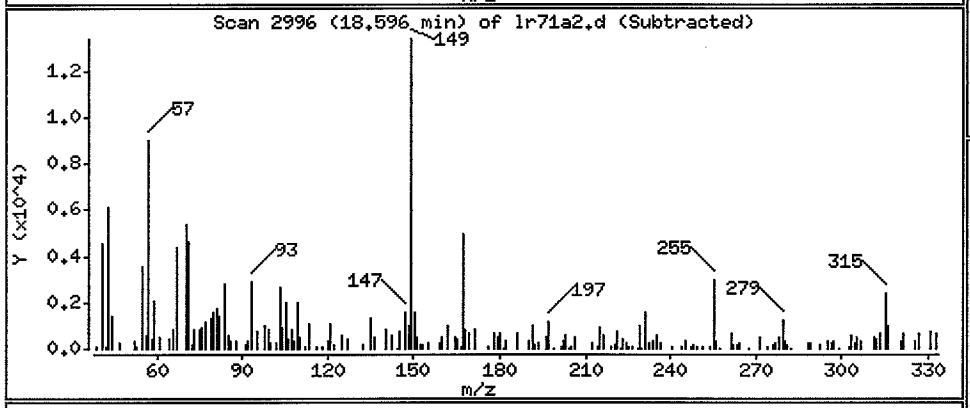
Column phase: ZB-5

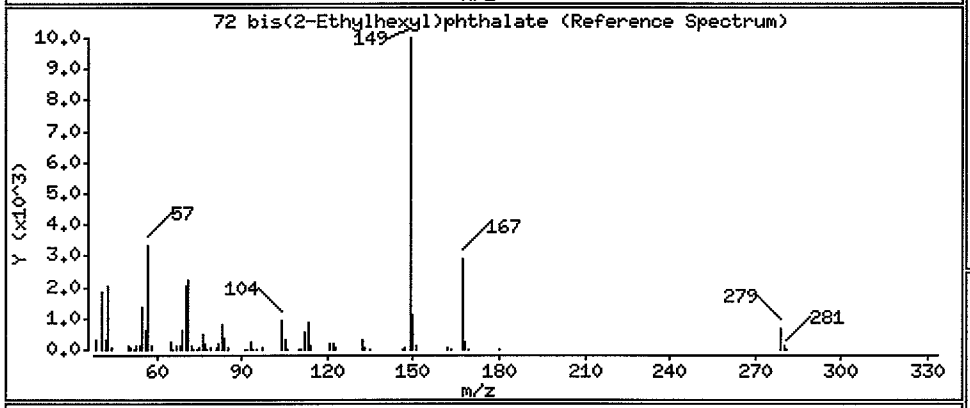
Column diameter: 0.32

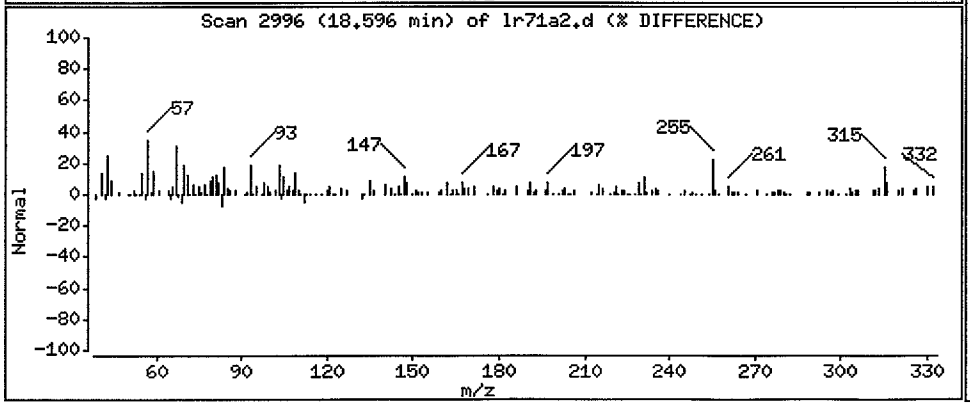
72 bis(2-Ethylhexyl)phthalate

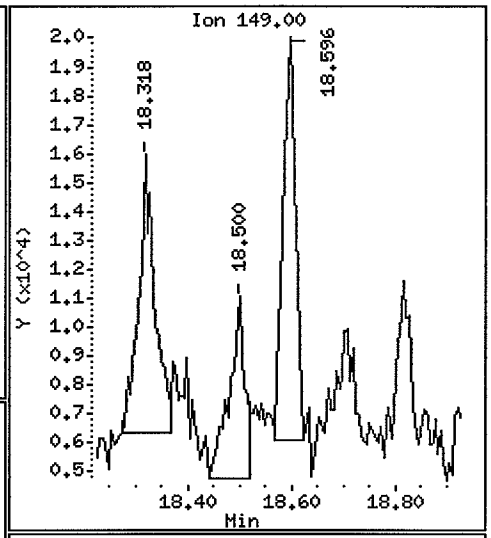
Concentration: 19.88 ug/Kg

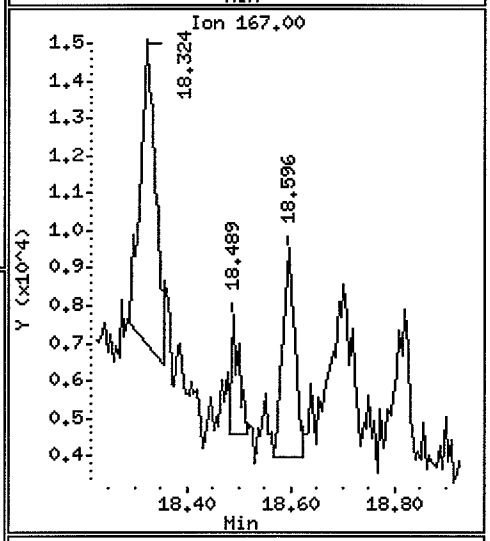


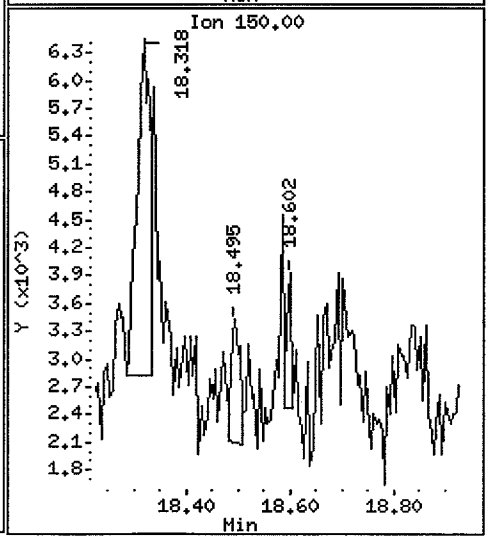












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

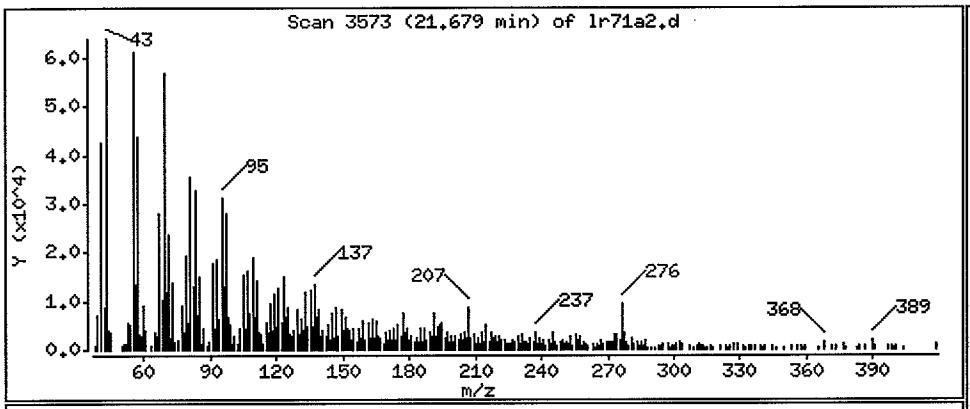
Operator: VTS

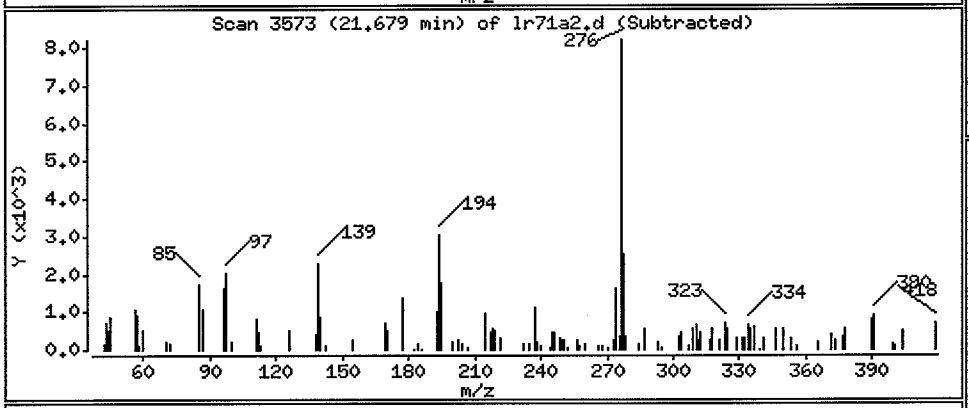
Column phase: ZB-5

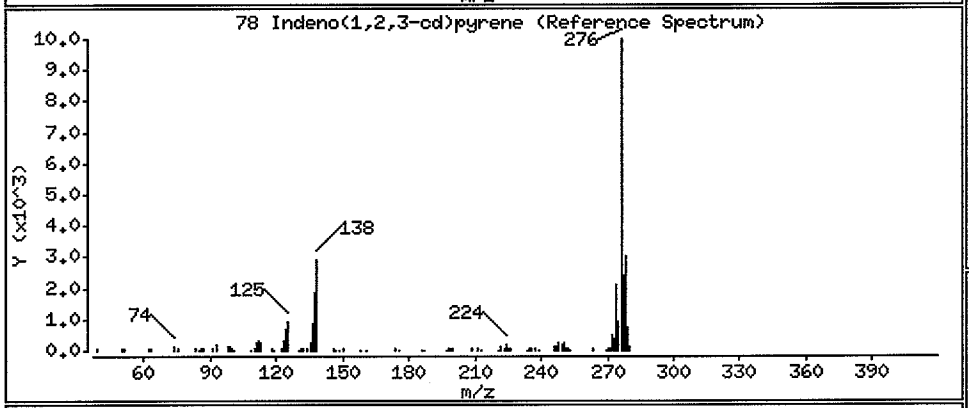
Column diameter: 0.32

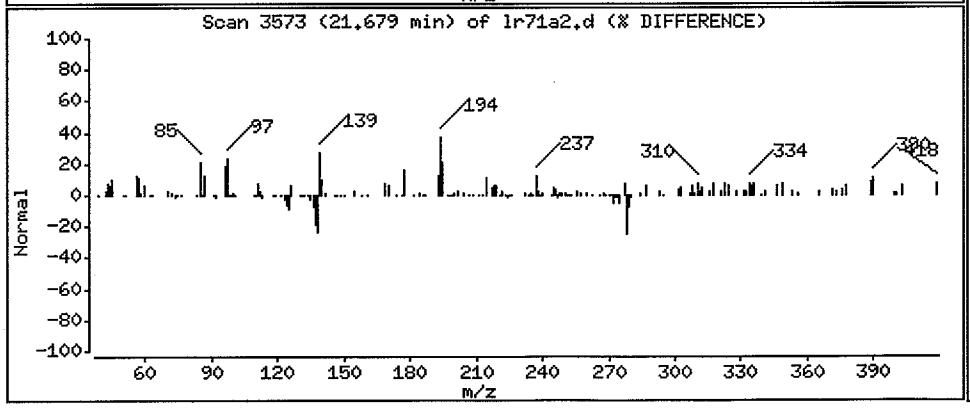
78 Indeno(1,2,3-cd)pyrene

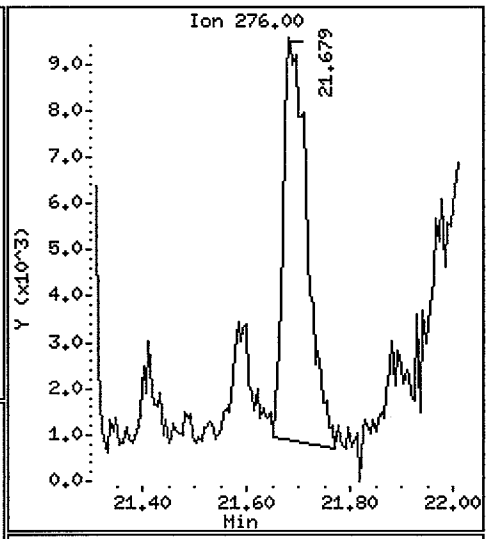
Concentration: 16.89 ug/Kg

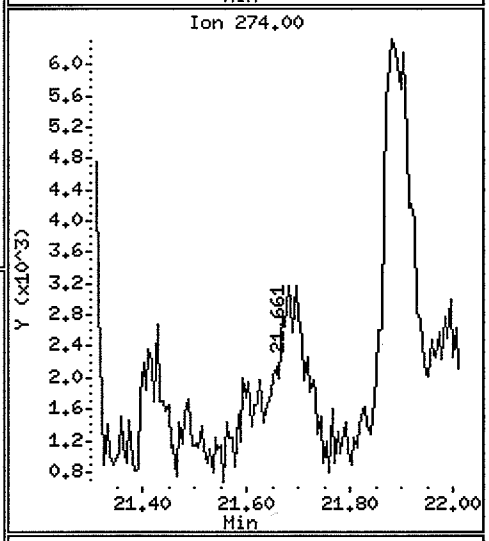


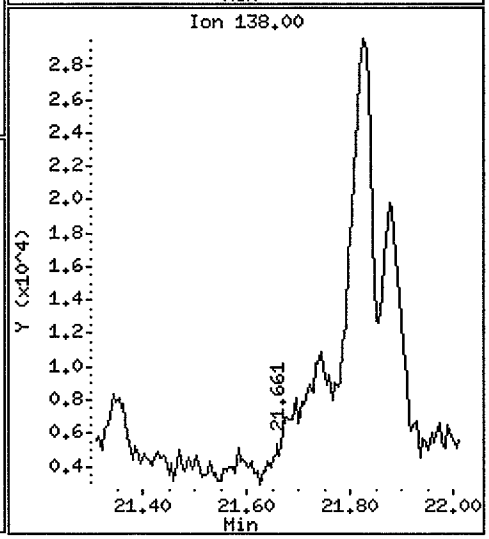












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

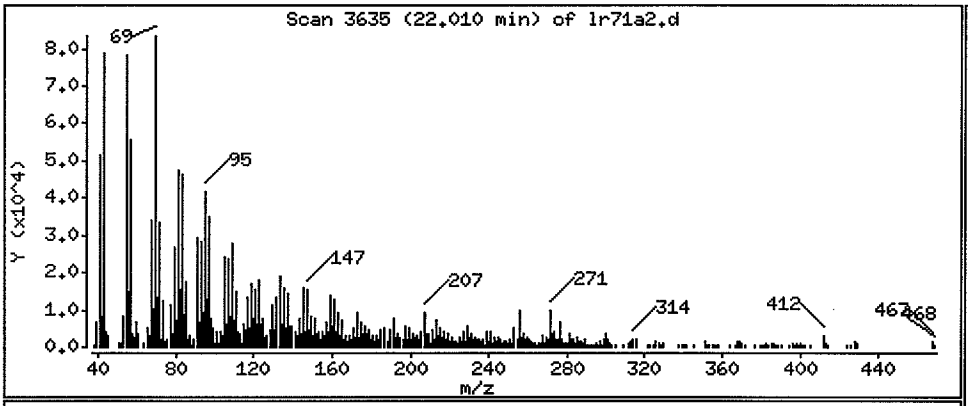
Operator: VTS

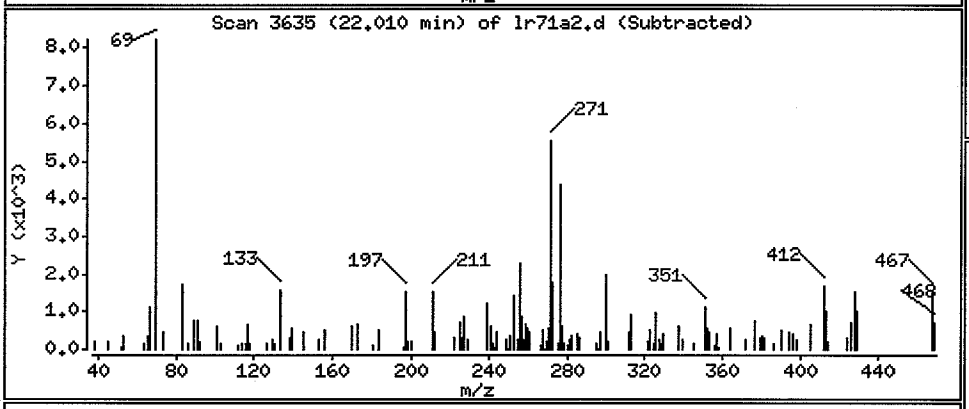
Column phase: ZB-5

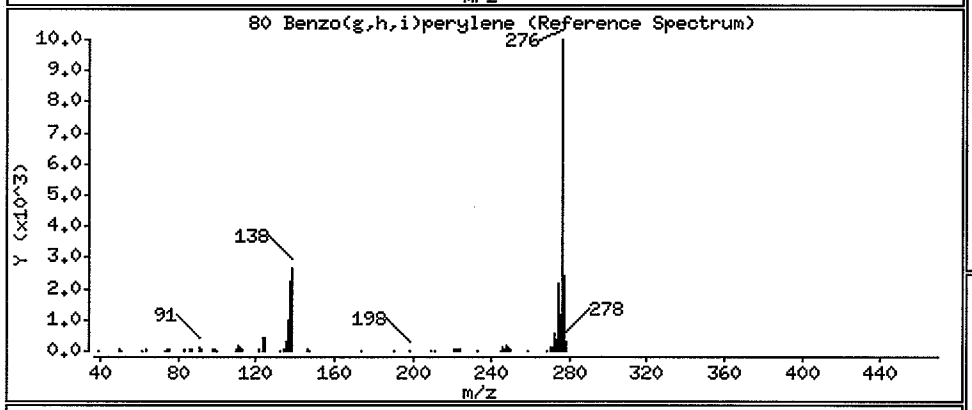
Column diameter: 0.32

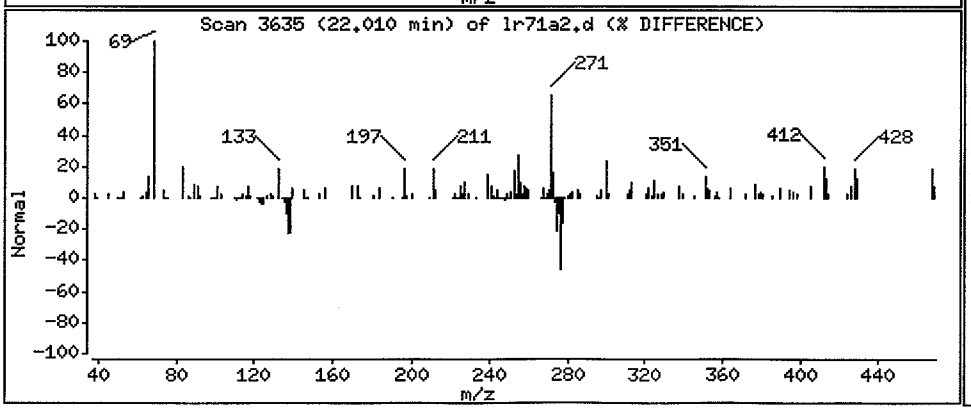
80 Benzo(g,h,i)perylene

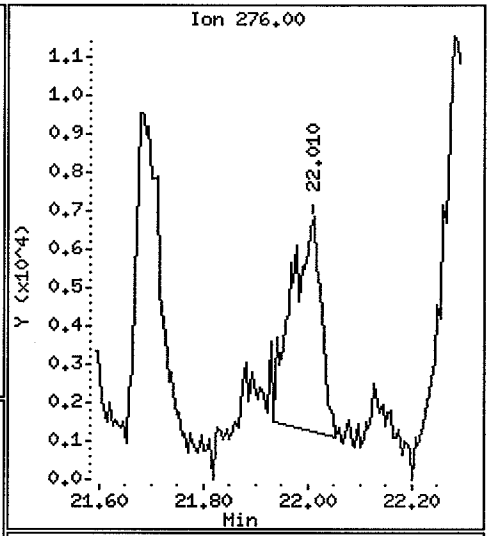
Concentration: 14.50 ug/Kg

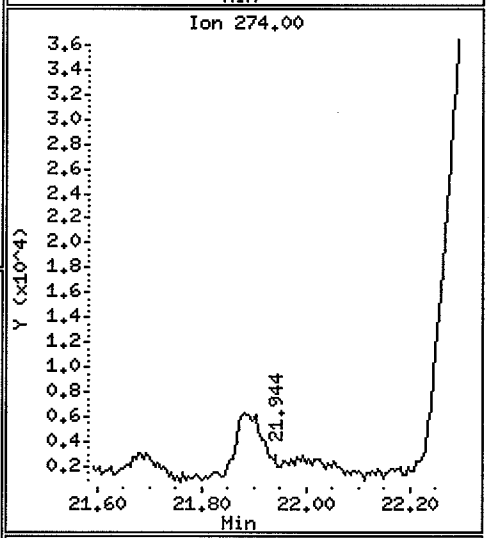


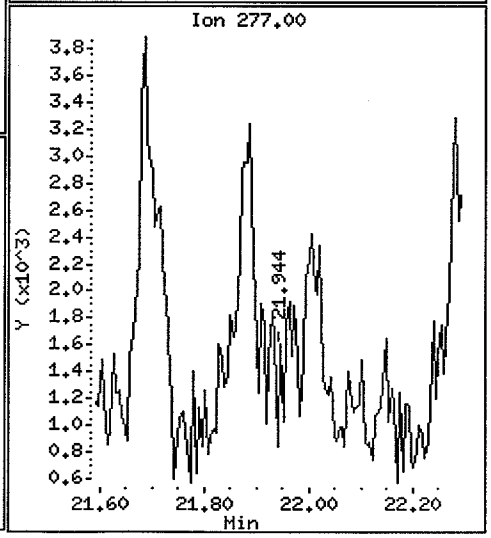












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-02-070927**
Page 1 of 2 **SAMPLE**

Lab Sample ID: LR71B
LIMS ID: 07-20767
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 15:13
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 50.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**180**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**47**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**25**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	**Dibenzofuran**	**20**	**39**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**24**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	**Phenanthrene**	**20**	**400**
120-12-7	**Anthracene**	**20**	**20**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**410**
129-00-0	**Pyrene**	**20**	**290**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**56**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**110**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**88**
207-08-9	**Benzo(k)fluoranthene**	**20**	**73**
50-32-8	**Benzo(a)pyrene**	**20**	**75**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**20**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-02-070927**
 SAMPLE

Lab Sample ID: LR71B
LIMS ID: 07-20767
Matrix: Sediment
Date Analyzed: 10/18/07 15:13

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	48.8%	2-Fluorobiphenyl	49.2%
d14-p-Terphenyl	64.0%	d4-1,2-Dichlorobenzene	44.8%
d5-Phenol	54.9%	2-Fluorophenol	63.2%
2,4,6-Tribromophenol	63.7%	d4-2-Chlorophenol	54.4%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71b.d
Lab Smp Id: LR71B Client Smp ID: AN-SS-02-070927
Inj Date : 18-OCT-2007 15:13
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71B
Misc Info : 07-20767
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 10/25/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	101.00000	Weight of sample extracted (g)
M	50.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$ 1	2-Fluorophenol	112	5.980	5.917	(0.756)	345044	23.6734	471.6
$ 2	Phenol-d5	99	7.503	7.488	(0.948)	382746	20.5568	409.5
3	Phenol	94	7.524	7.504	(0.951)	11843	0.51324 LDC	10.22
$ 5	2-Chlorophenol-d4	132	7.615	7.600	(0.962)	252553	20.3660	405.7
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	7.914	7.904	(1.000)	197786	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	8.213	8.204	(1.038)	104530	11.2408	223.9
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.683	8.674	(1.097)	125711	9.05077	180.3
$	18 Nitrobenzene-d5	82	8.849	8.845	(0.887)	262601	12.2309	243.7
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.971	9.961	(1.000)	668243	20.0000	
	28 Naphthalene	128	10.003	9.999	(1.003)	96695	2.34747	46.77
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	11.130	11.126	(1.116)	25696	1.24154	24.73
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.787	11.777	(0.917)	409647	12.2721	244.5
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	12.599	12.584	(0.980)	36147	0.82223 LDL	16.38
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.856	12.841	(1.000)	428728	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	12.904	12.894	(1.004)	19214	0.69248 LDL	13.80
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	13.165	13.156	(1.024)	76916	1.97867	39.42
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	13.726	13.711	(1.068)	36406	1.18572	23.62
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.154	14.139	(1.101)	99358	23.8866	475.9
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.243	15.223	(1.000)	772764	20.0000	
	60 Phenanthrene	178	15.281	15.261	(1.002)	985216	19.8708	395.9
	61 Anthracene	178	15.350	15.335	(1.007)	50219	1.01155	20.15 (M)
	62 Carbazole	167	15.639	15.624	(1.026)	33387	0.75604 LDL	15.06
	63 Di-n-butylphthalate	149	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)	
	64 Fluoranthene	202	17.241	17.205	(1.131)	1161478	20.4848	408.1	
	65 Pyrene	202	17.594	17.563	(0.898)	972729	14.6003	290.9	
$	66 Terphenyl-d14	244	17.915	17.884	(0.914)	668971	16.0418	319.6	
	67 Butylbenzylphthalate	149	Compound Not Detected.						
	68 Benzo(a)anthracene	228	19.571	19.529	(0.999)	204503	2.81367	56.05	
*	69 Chrysene-d12	240	19.597	19.556	(1.000)	927641	20.0000		(M)
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.						
	71 Chrysene	228	19.635	19.598	(1.002)	370632	5.67448	113.0	
	72 bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.						
*	134 Di-n-octylphthalate-d4	153	20.762	20.720	(1.000)	1267104	20.0000		
	73 Di-n-octylphthalate	149	Compound Not Detected.						
	74 Benzo(b)fluoranthene	252	21.248	21.190	(0.976)	220387	4.42280	88.11	(M)
	75 Benzo(k)fluoranthene	252	21.259	21.228	(0.976)	194204	3.68425	73.40	(M)
	76 Benzo(a)pyrene	252	21.691	21.639	(0.996)	171874	3.75740	74.85	
*	77 Perylene-d12	264	21.772	21.719	(1.000)	693915	20.0000		
	78 Indeno(1,2,3-cd)pyrene	276	23.257	23.215	(1.068)	54397	1.00272	19.98	(M)
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.						
	80 Benzo(g,h,i)perylene	276	23.657	23.616	(1.087)	45369	0.83631 LOQ	16.66	
	90 N-Nitrosodimethylamine	74	Compound Not Detected.						
	91 Aniline	93	Compound Not Detected.						
	93 Benzidine	184	Compound Not Detected.						
	103 Pyridine	79	Compound Not Detected.						
	105 1-methylnaphthalene	141	11.301	11.297	(1.133)	17782	0.86155 LOQ	17.16	
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.						

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71b.d
Lab Smp Id: LR71B
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20767

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-02-070927
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	197786	-6.74
27 Naphthalene-d8	656578	328289	1313156	668243	1.78
42 Acenaphthene-d10	353705	176852	707410	428728	21.21
59 Phenanthrene-d10	526440	263220	1052880	772764	46.79
69 Chrysene-d12	581923	290962	1163846	927641	59.41
134 Di-n-octylphthala	979097	489548	1958194	1267104	29.42
77 Perylene-d12	686531	343266	1373062	693915	1.08

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.12
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.10
42 Acenaphthene-d10	12.84	12.34	13.34	12.86	0.12
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.13
69 Chrysene-d12	19.56	19.06	20.06	19.60	0.21
134 Di-n-octylphthala	20.72	20.22	21.22	20.76	0.20
77 Perylene-d12	21.72	21.22	22.22	21.77	0.24

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71B
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20767

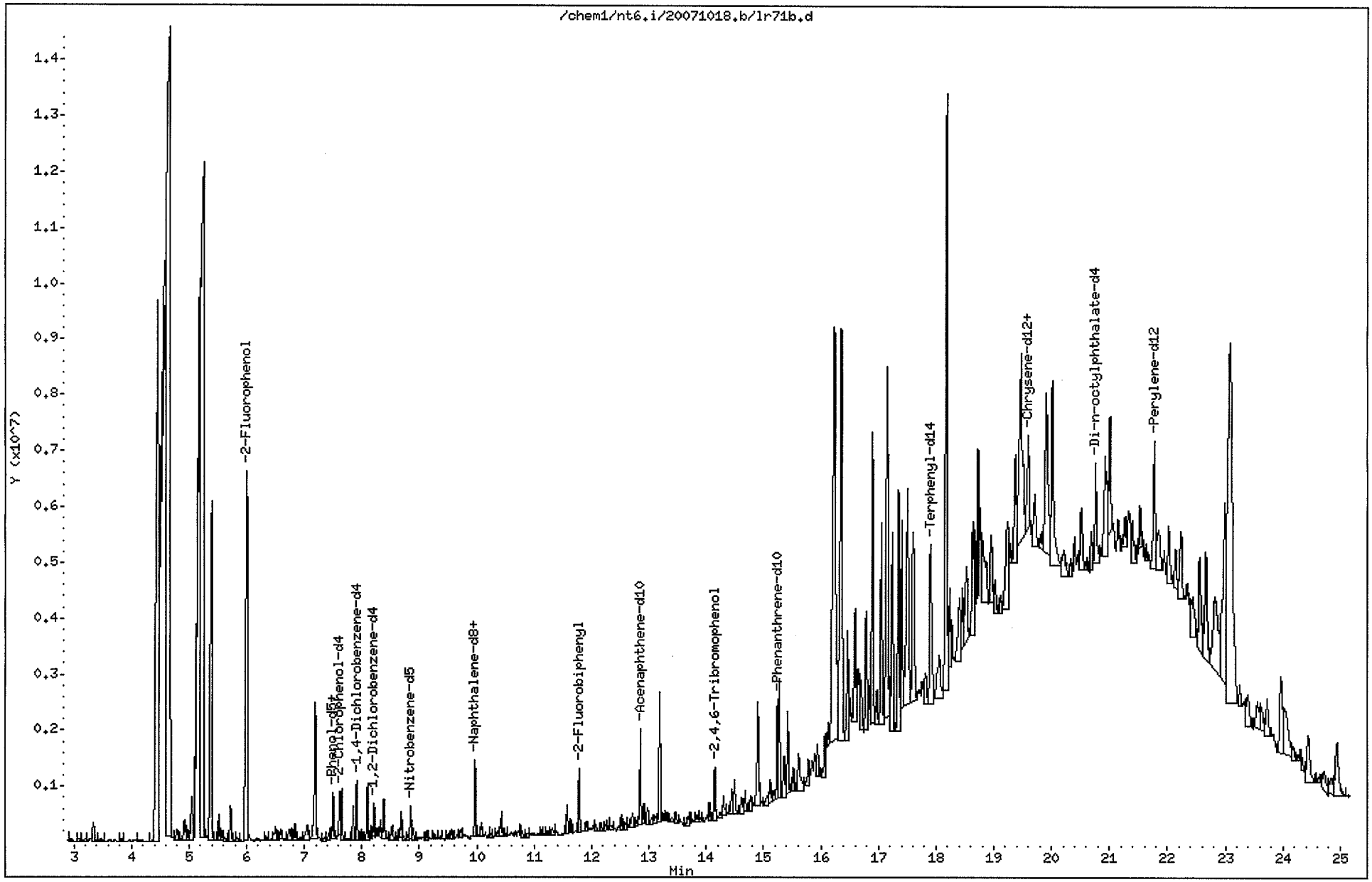
Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-02-070927
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	747.1	471.6	63.13	11-84
$ 2 Phenol-d5	747.1	409.5	54.82	25-86
$ 5 2-Chlorophenol-d4	747.1	405.7	54.31	23-91
$ 10 1,2-Dichlorobenzen	498.0	223.9	44.96	24-90
$ 18 Nitrobenzene-d5	498.0	243.7	48.92	26-88
$ 36 2-Fluorobiphenyl	498.0	244.5	49.09	34-91
$ 55 2,4,6-Tribromophen	747.1	475.9	63.70	25-107
$ 66 Terphenyl-d14	498.0	319.6	64.17	22-100

Data File: /chem1/nt6.i/20071018.b/lr71b.d
Date : 18-OCT-2007 15:13
Client ID: AN-SS-02-070927
Sample Info: LR71B
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

0230



Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

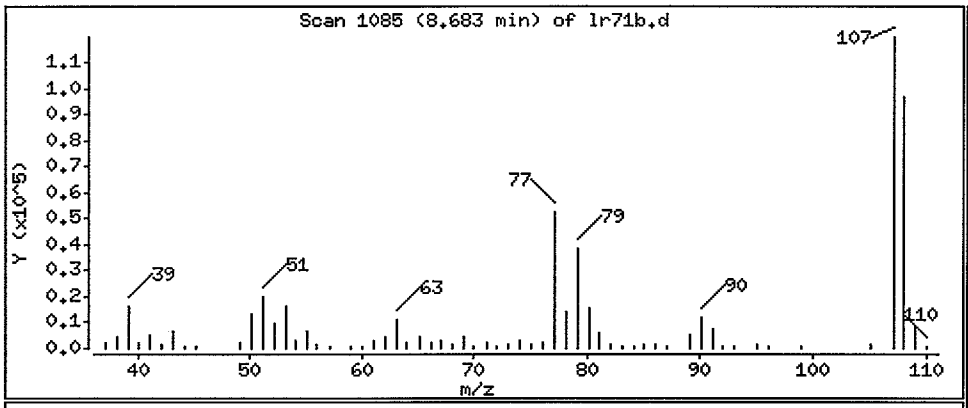
Client ID: AN-SS-02-070927 Instrument: nt6.i

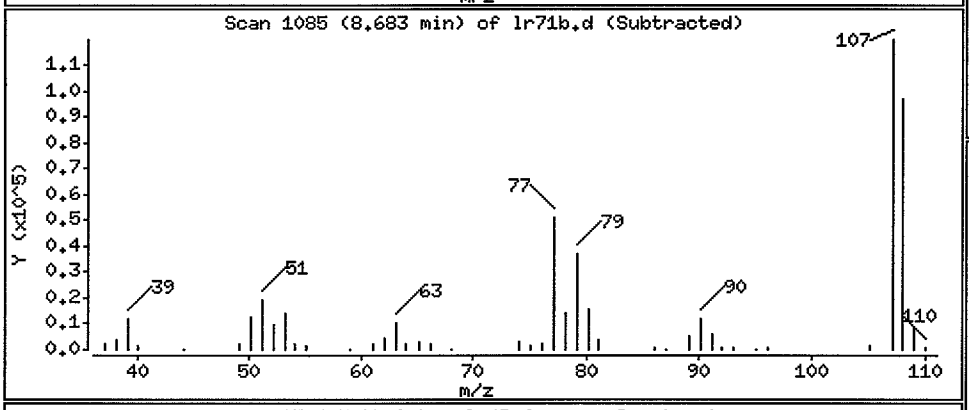
Sample Info: LR71B

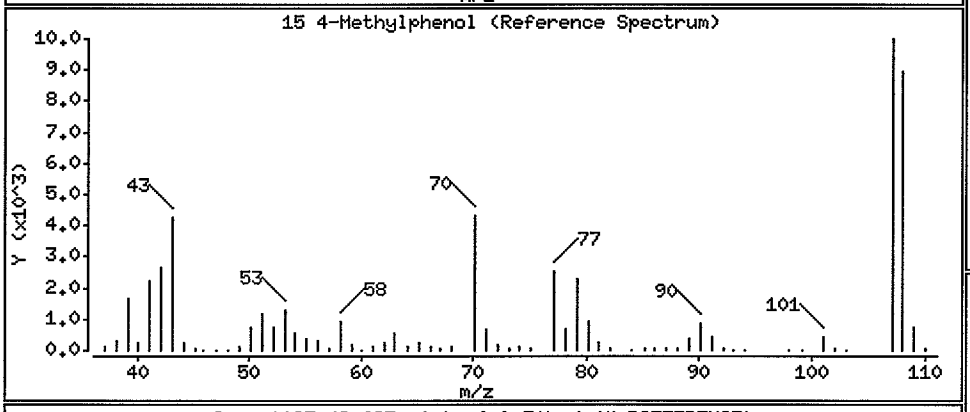
Volume Injected (uL): 1.0 Operator: LJR/VTS

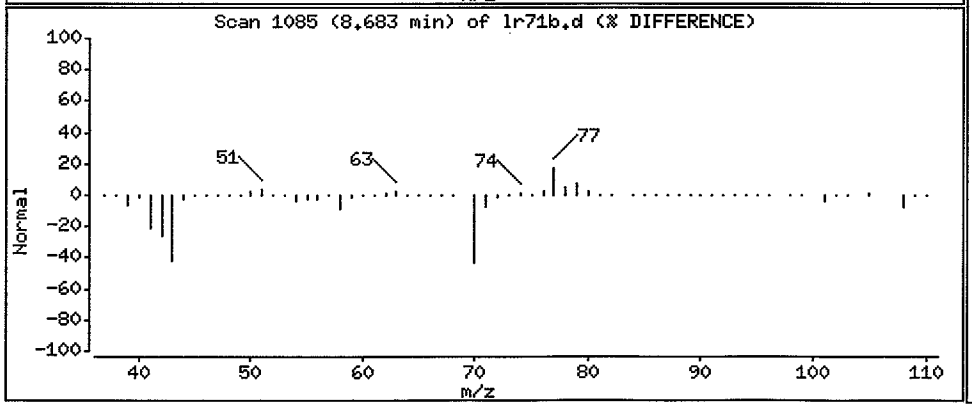
Column phase: ZB-5 Column diameter: 0.32

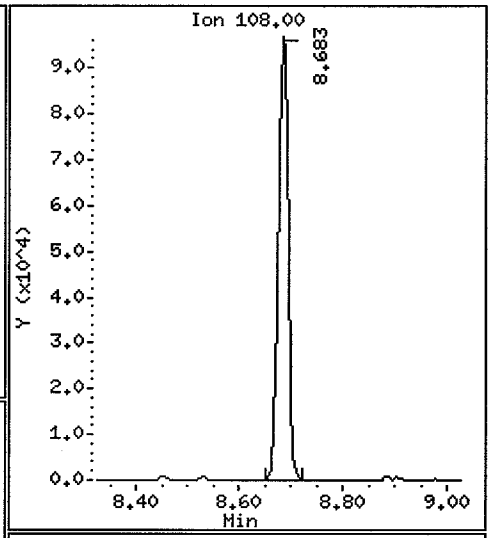
15 4-Methylphenol Concentration: 180.3 ug/kg

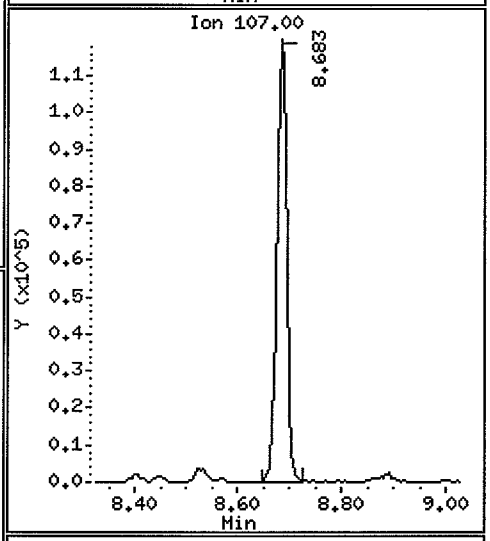


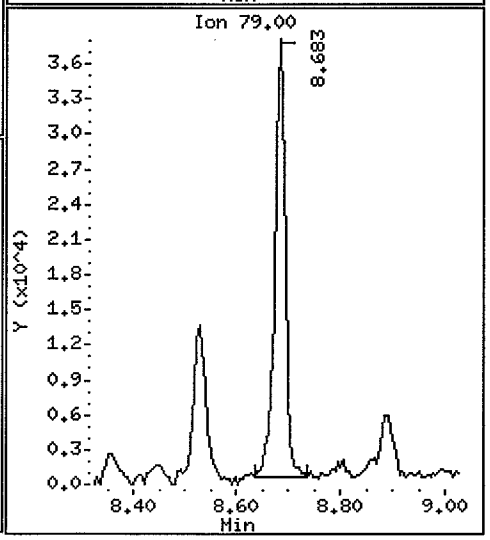












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

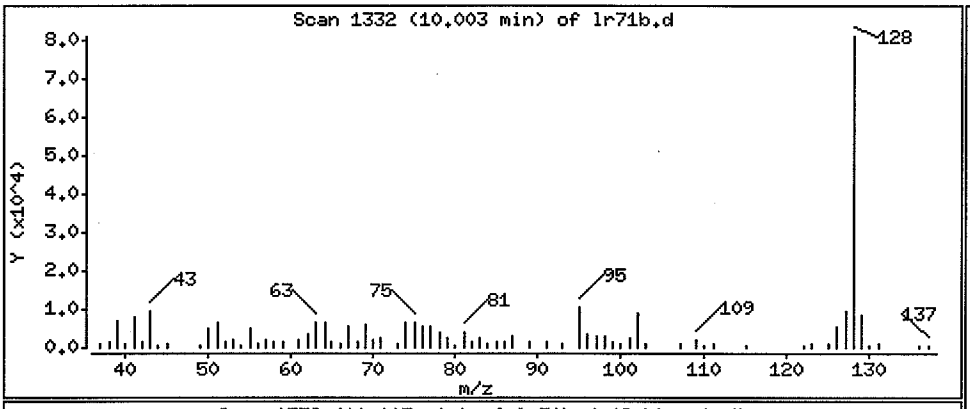
Client ID: AN-SS-02-070927 Instrument: nt6.i

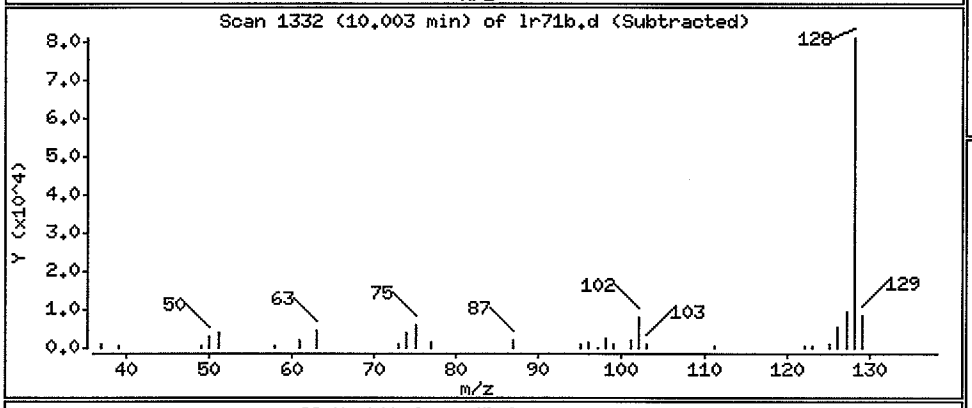
Sample Info: LR71B

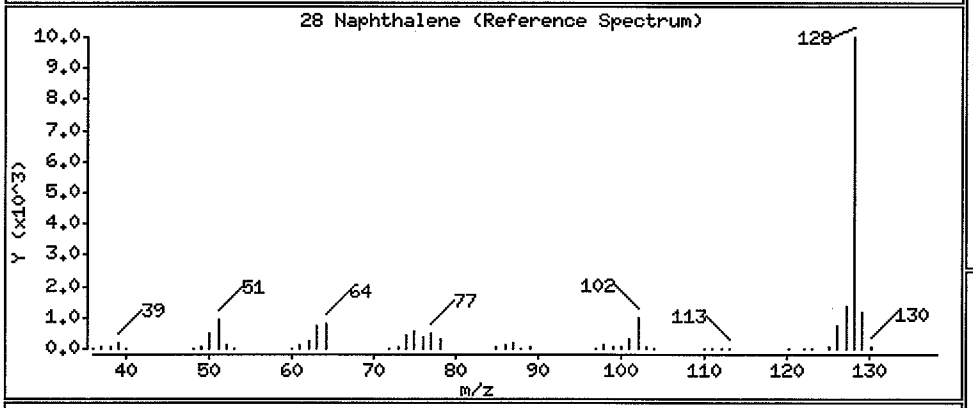
Volume Injected (uL): 1.0 Operator: LJR/VTS

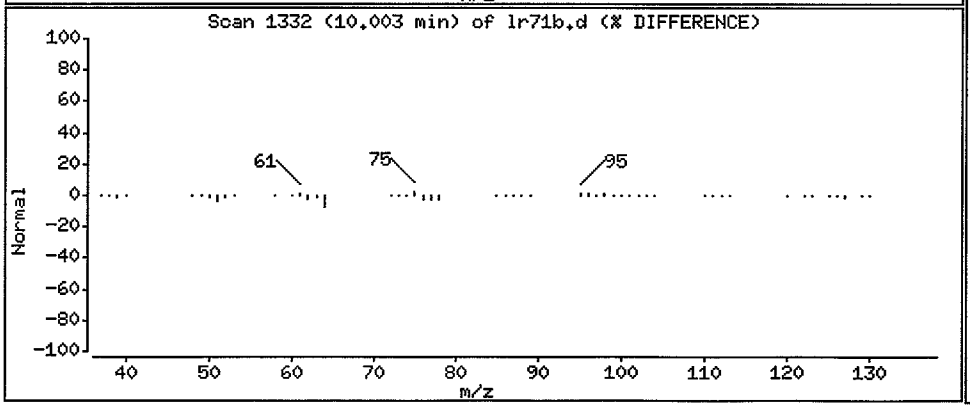
Column phase: ZB-5 Column diameter: 0.32

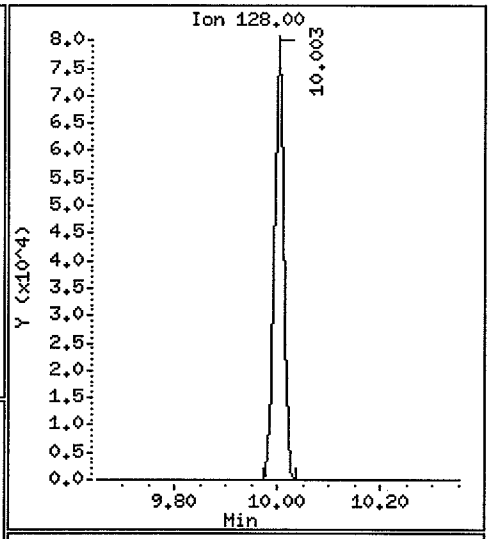
28 Naphthalene Concentration: 46.77 ug/kg

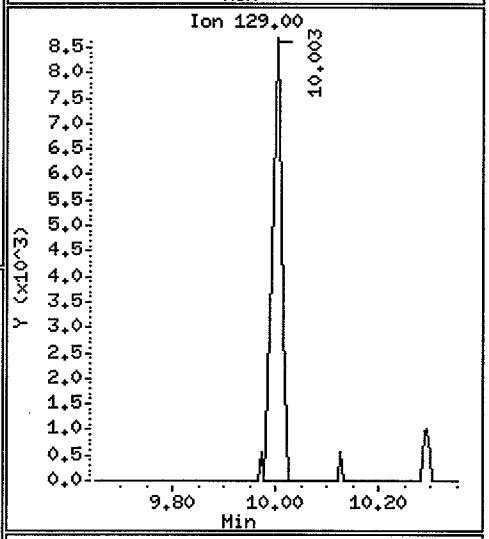


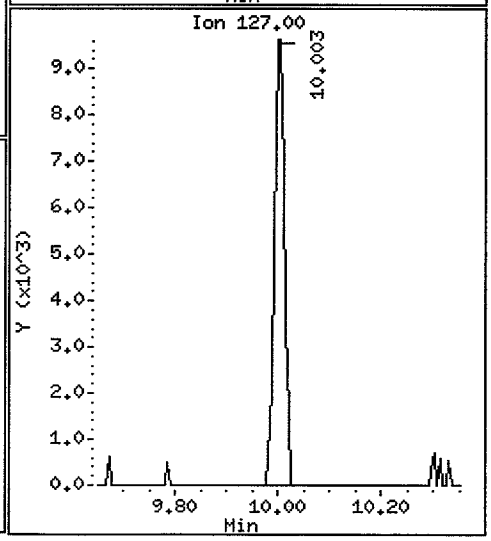












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

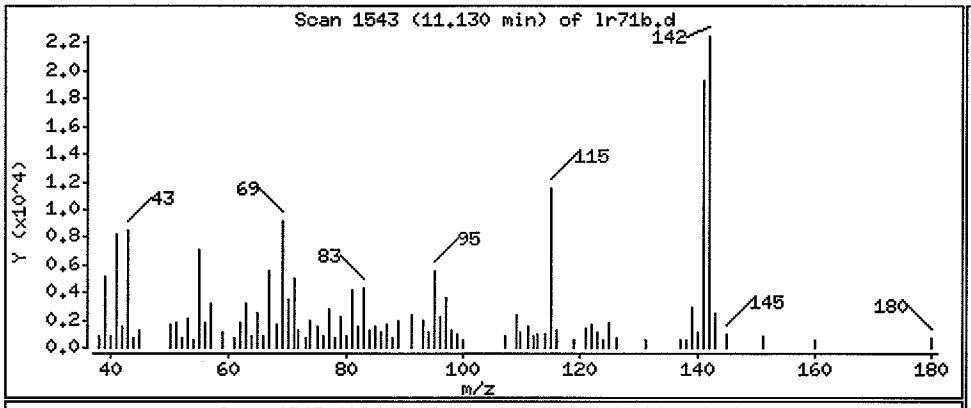
Client ID: AN-SS-02-070927 Instrument: nt6.i

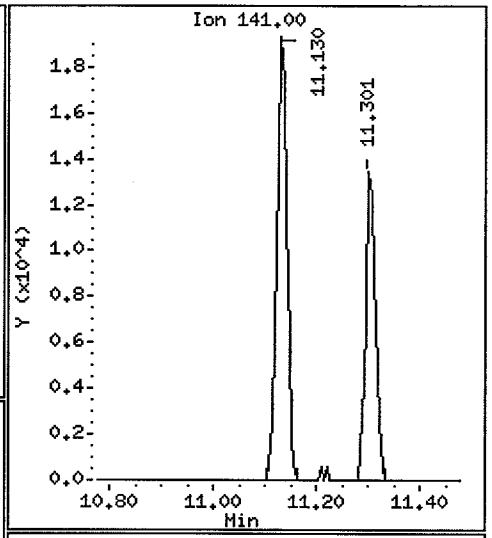
Sample Info: LR71B

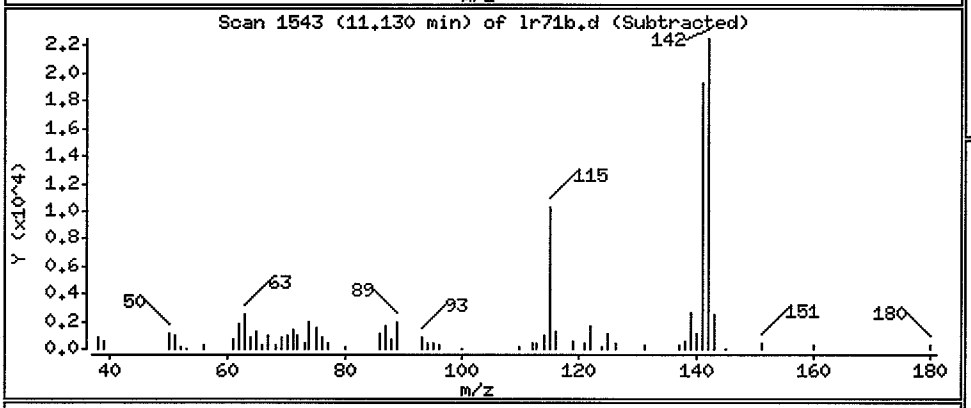
Volume Injected (uL): 1.0 Operator: LJR/VTS

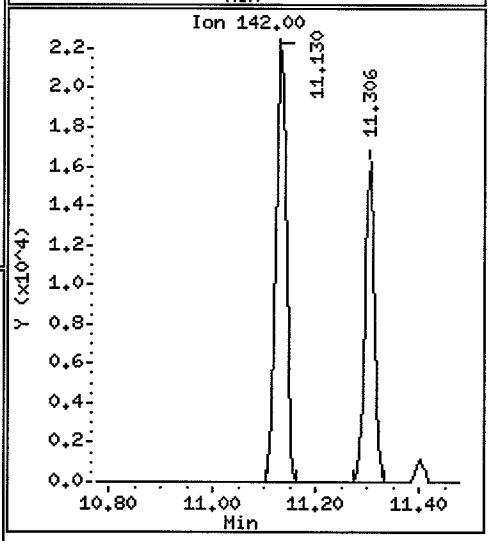
Column phase: ZB-5 Column diameter: 0.32

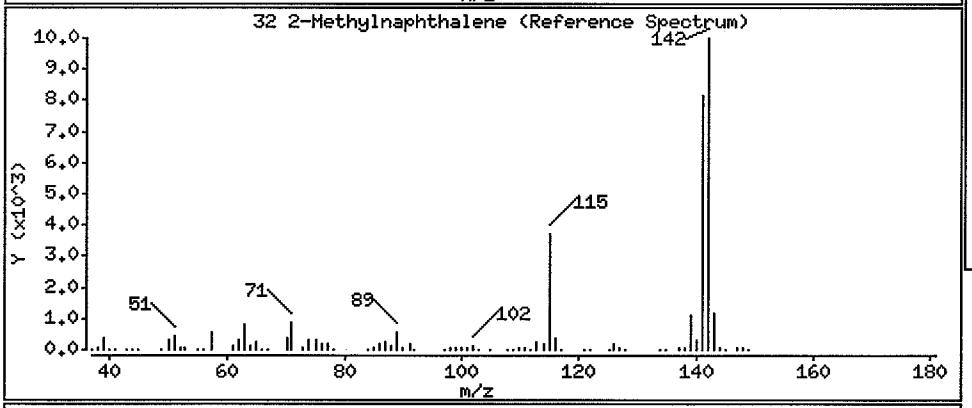
32 2-Methylnaphthalene Concentration: 24.73 ug/kg

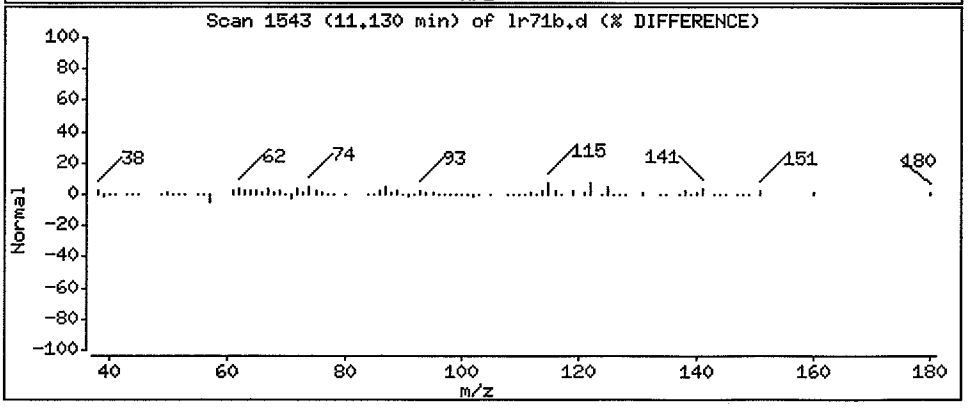












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

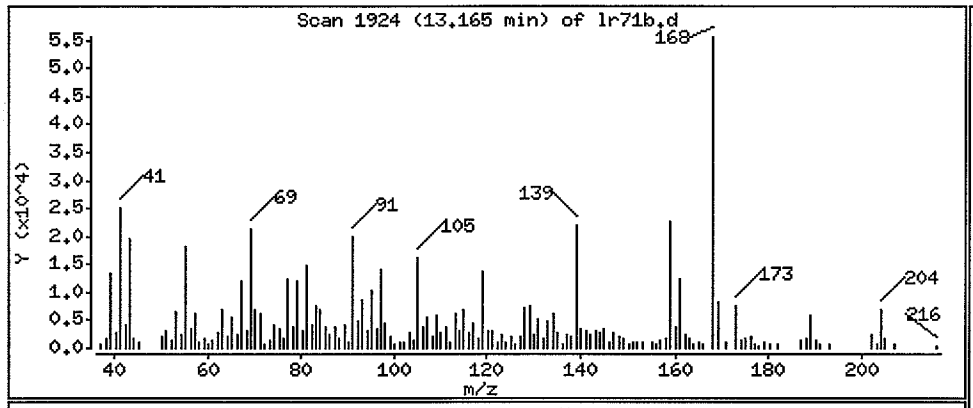
Client ID: AN-SS-02-070927 Instrument: nt6.i

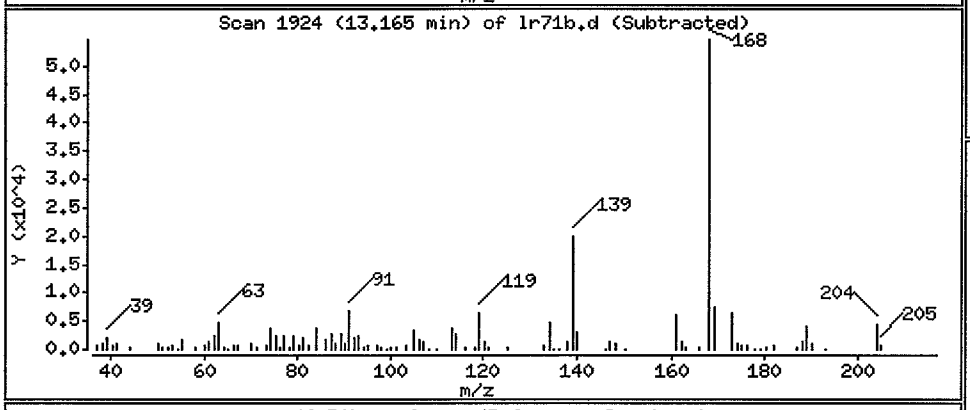
Sample Info: LR71B

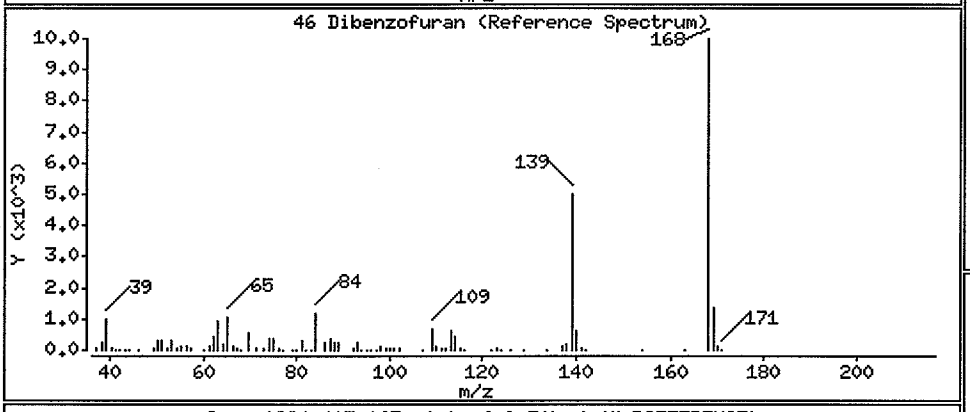
Volume Injected (uL): 1.0 Operator: LJR/VTS

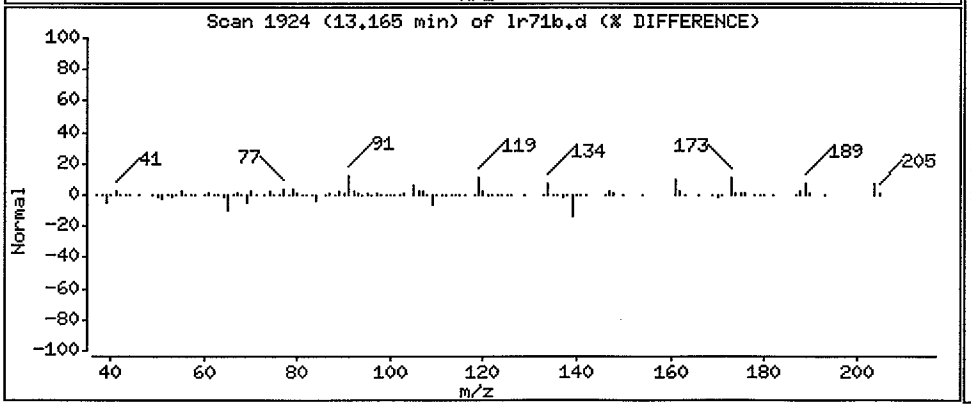
Column phase: ZB-5 Column diameter: 0.32

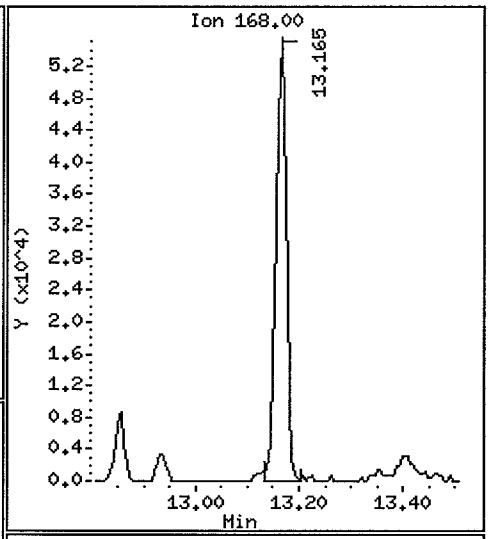
46 Dibenzofuran Concentration: 39.42 ug/kg

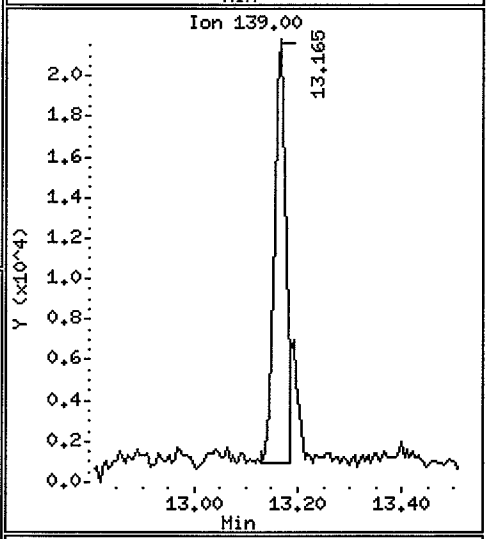


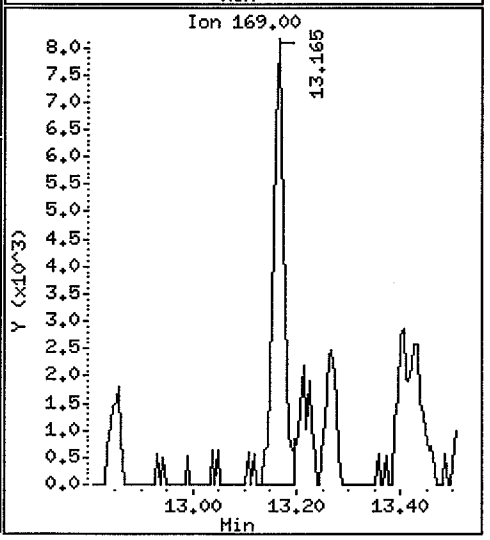












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

Client ID: AN-SS-02-070927

Instrument: nt6.i

Sample Info: LR71B

Volume Injected (uL): 1.0

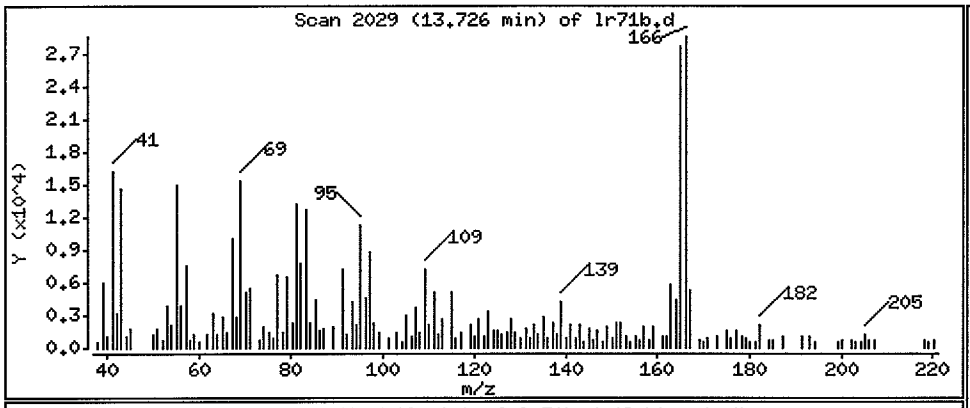
Operator: LJR/VTS

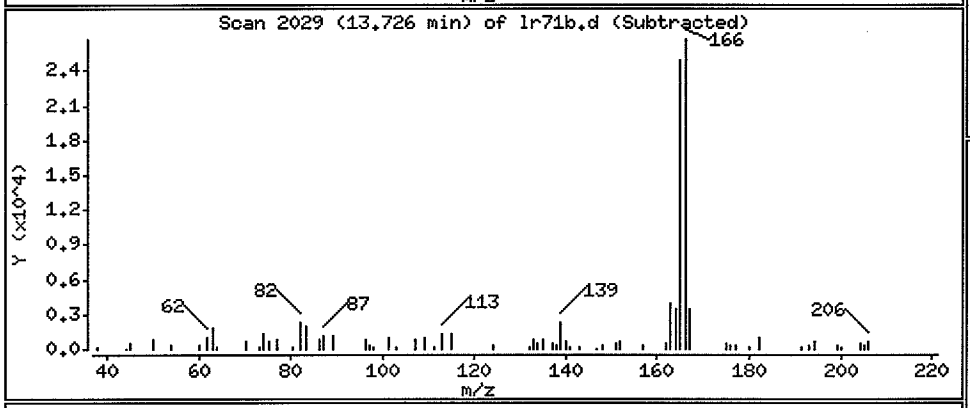
Column phase: ZB-5

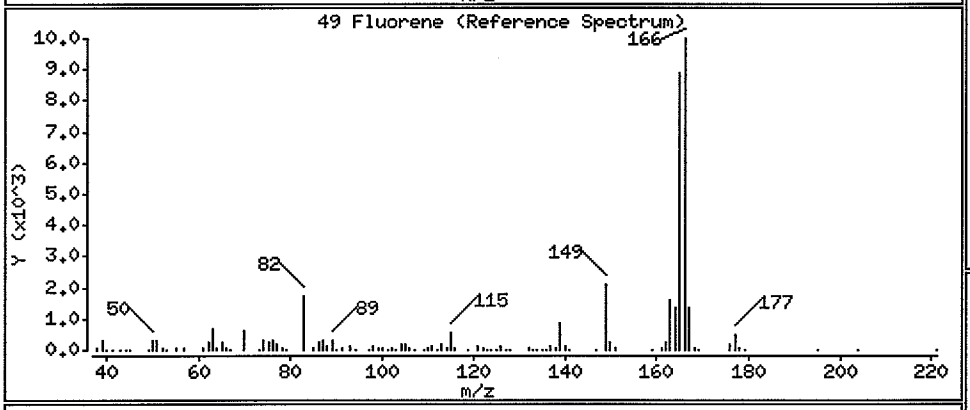
Column diameter: 0.32

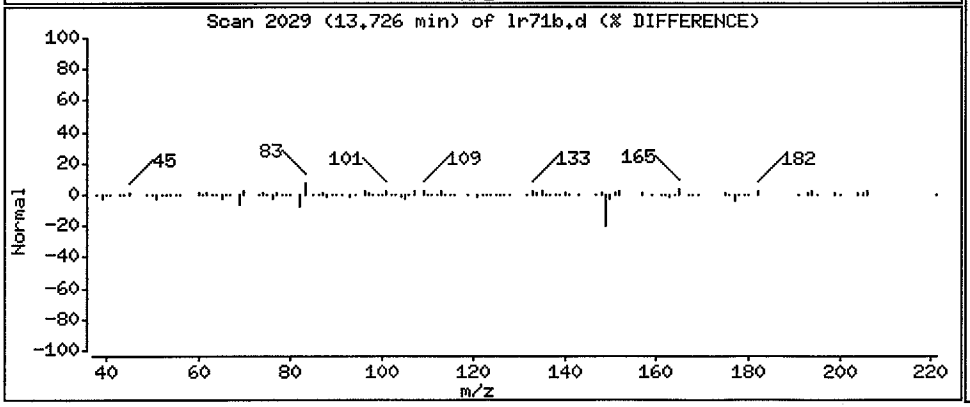
49 Fluorene

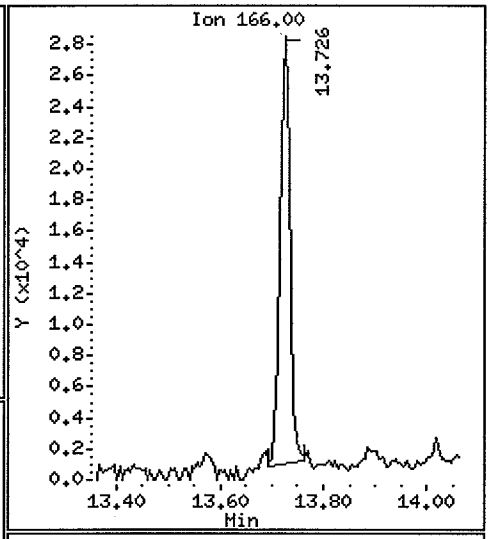
Concentration: 23.62 ug/kg

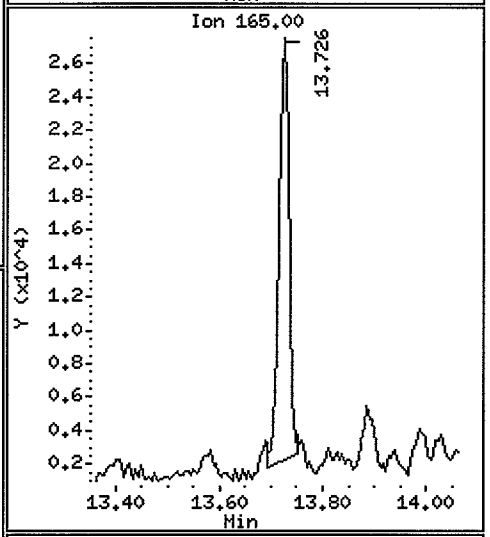


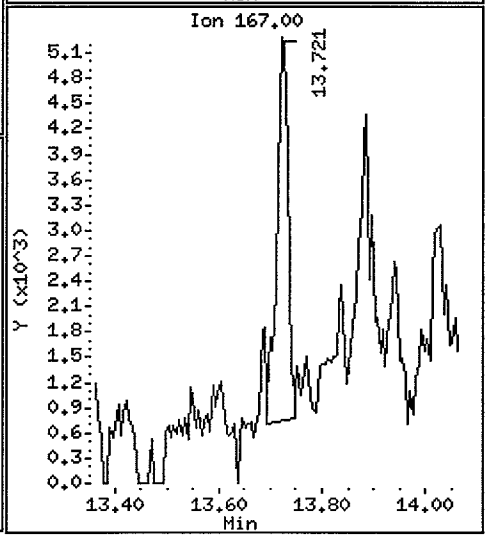












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

Client ID: AN-SS-02-070927

Instrument: nt6.i

Sample Info: LR71B

Volume Injected (uL): 1.0

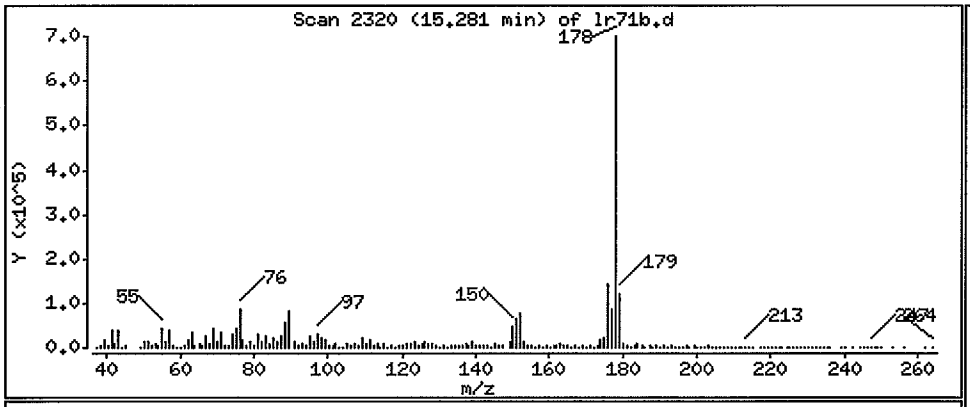
Operator: LJR/VTS

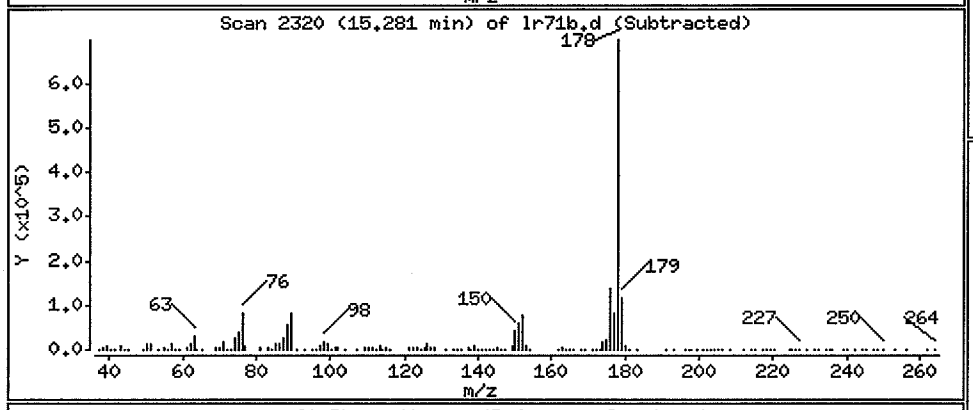
Column phase: ZB-5

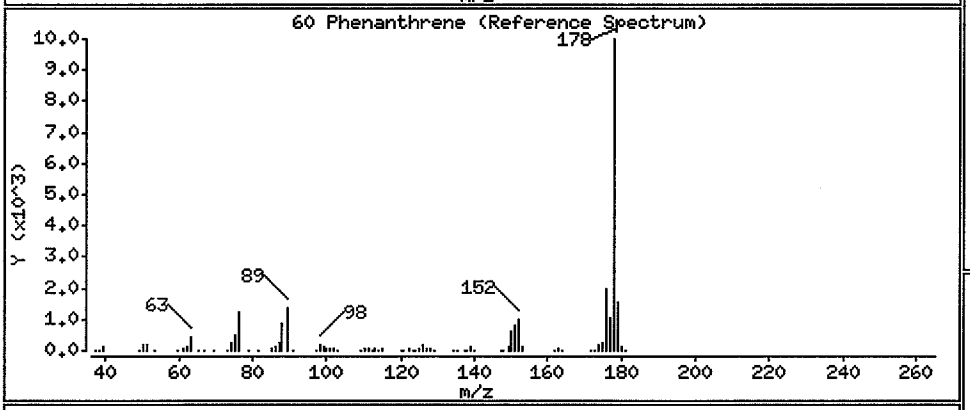
Column diameter: 0.32

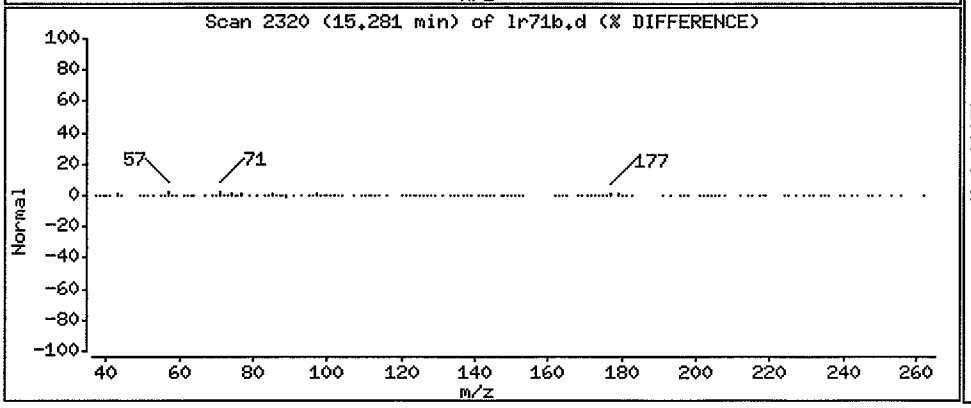
60 Phenanthrene

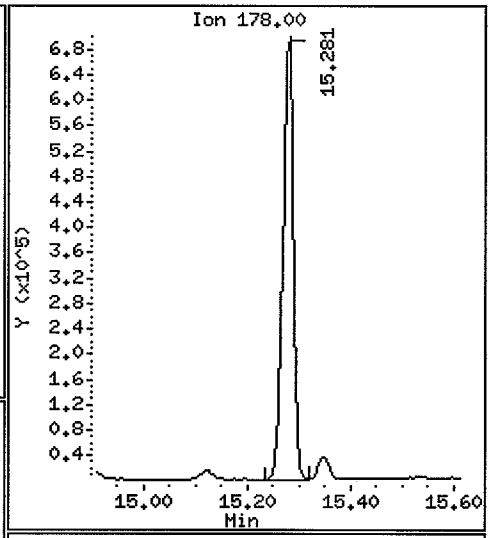
Concentration: 395.9 ug/kg

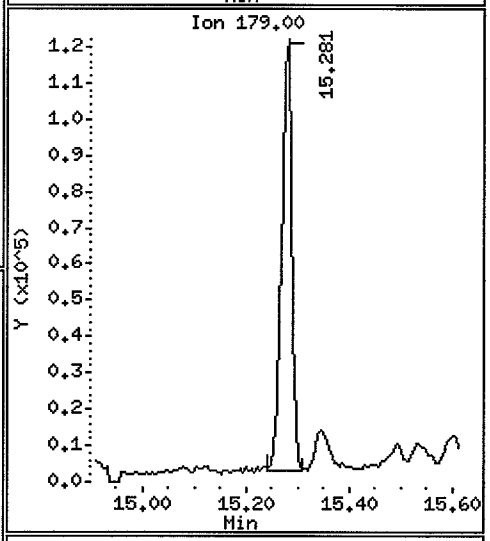


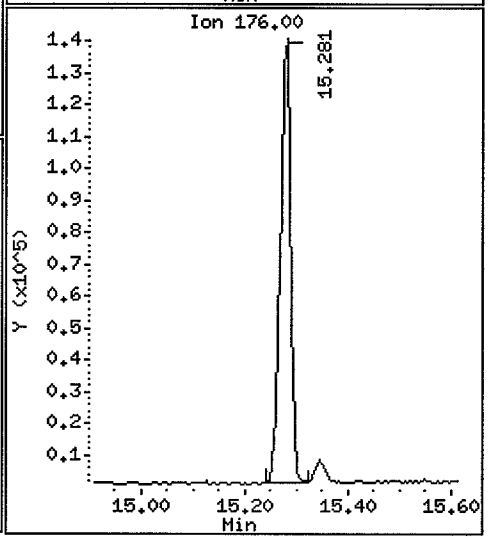












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

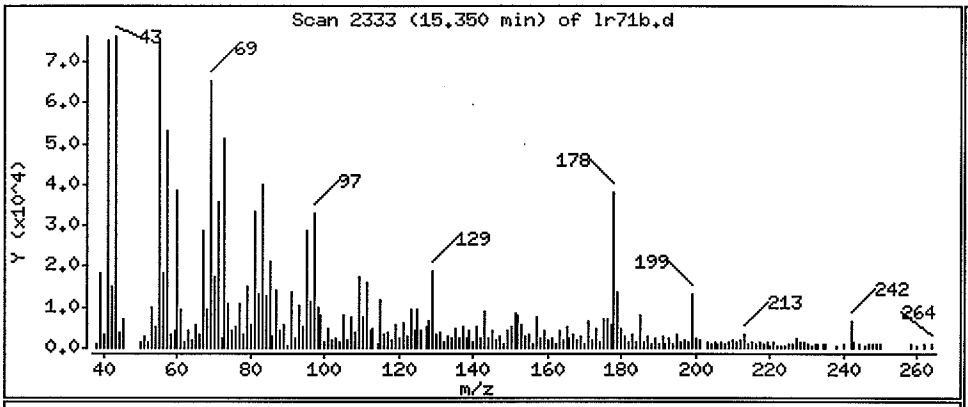
Client ID: AN-SS-02-070927 Instrument: nt6.i

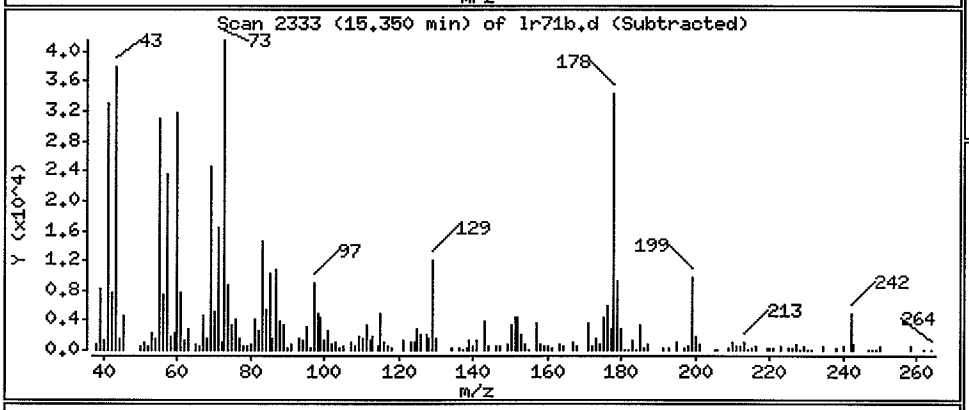
Sample Info: LR71B

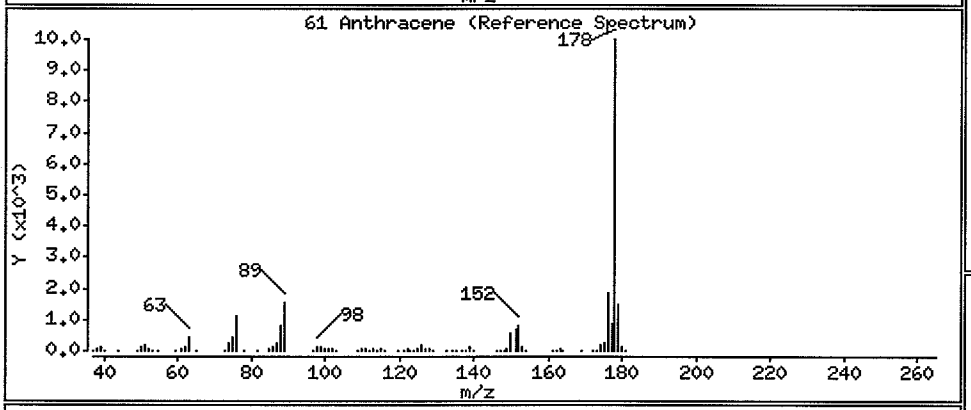
Volume Injected (uL): 1.0 Operator: LJR/VTS

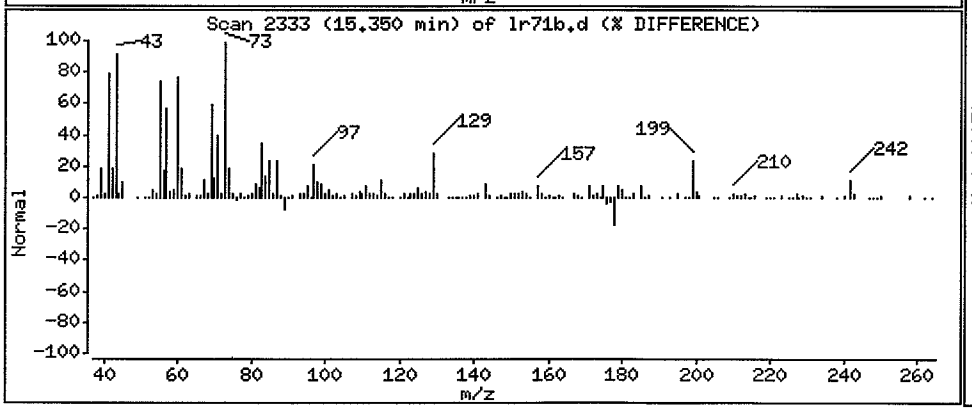
Column phase: ZB-5 Column diameter: 0.32

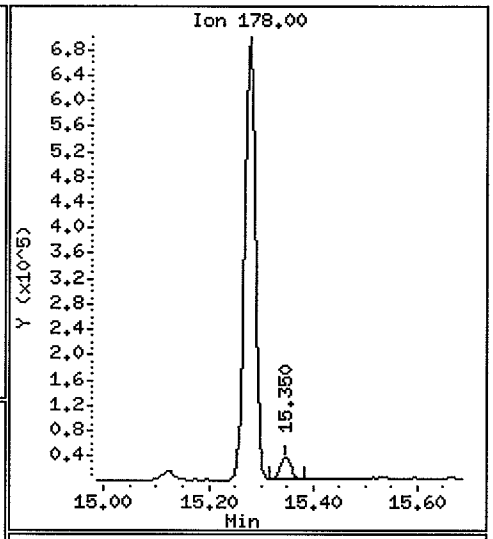
61 Anthracene Concentration: 20.15 ug/kg

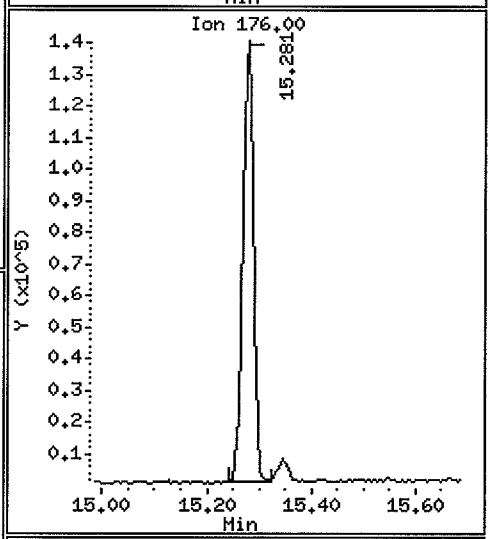


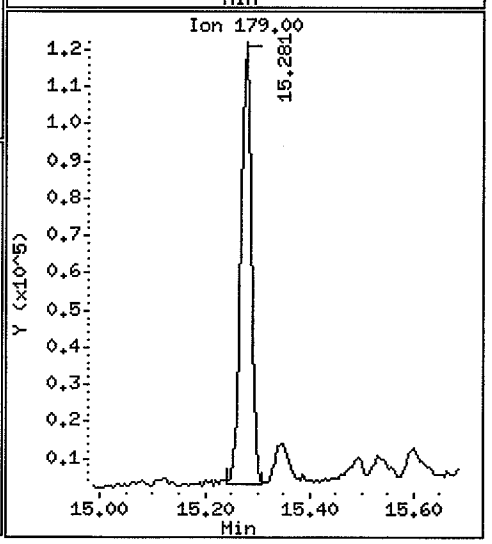












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

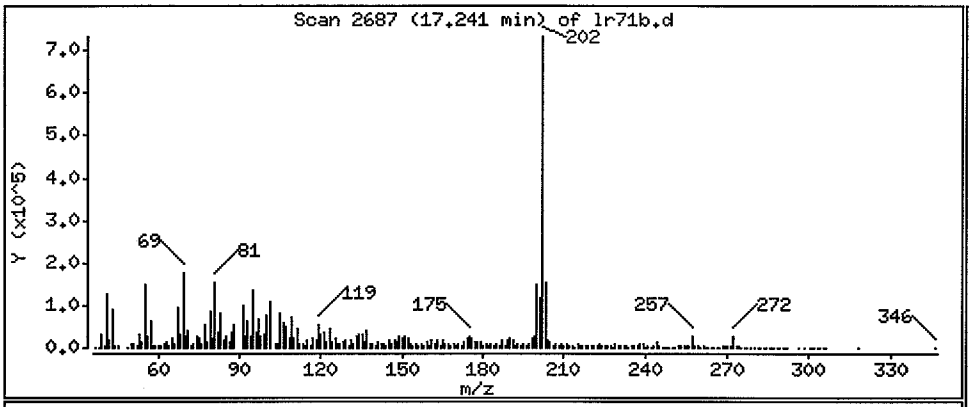
Client ID: AN-SS-02-070927 Instrument: nt6.i

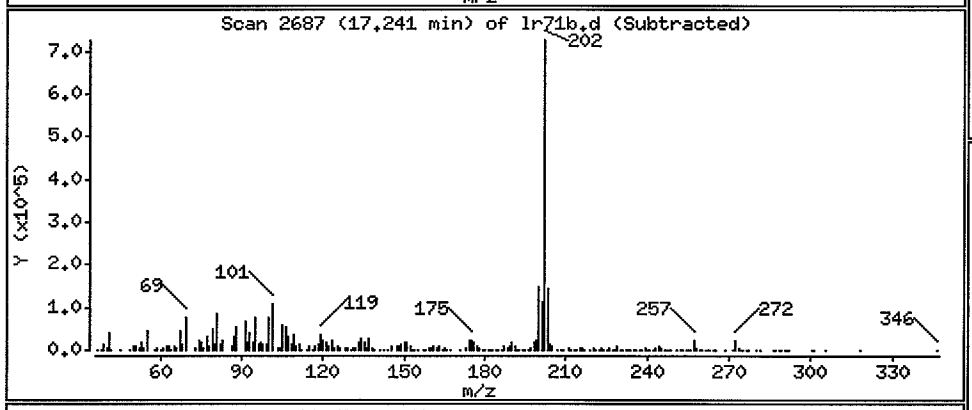
Sample Info: LR71B

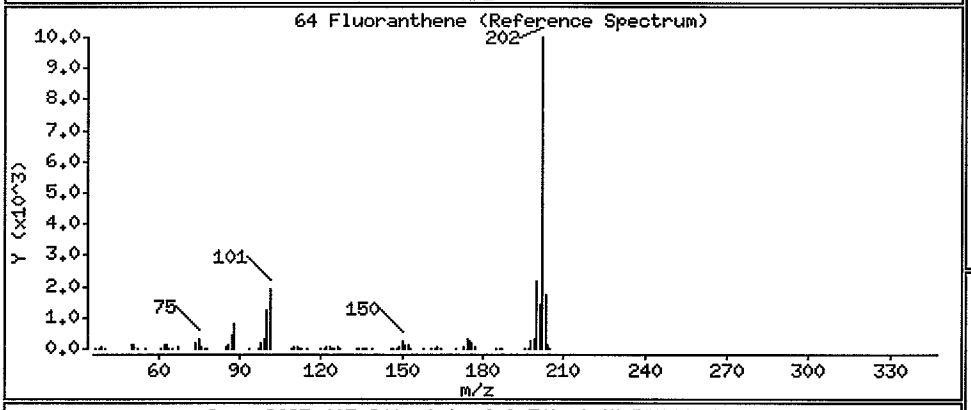
Volume Injected (uL): 1.0 Operator: LJR/VTS

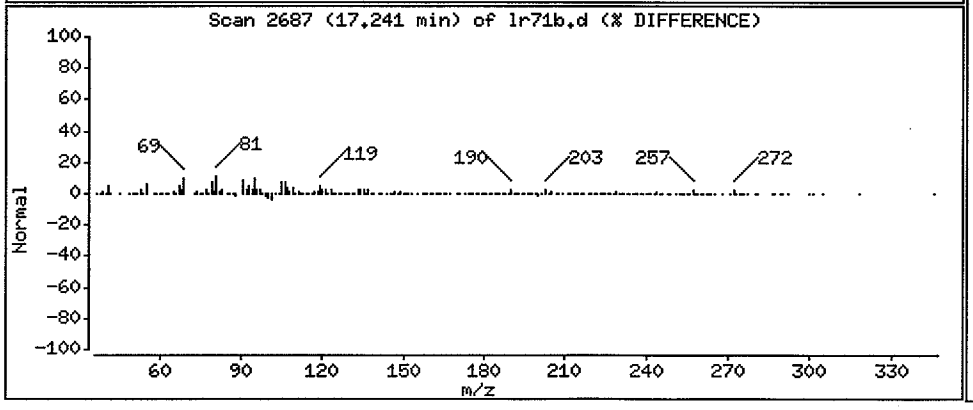
Column phase: ZB-5 Column diameter: 0.32

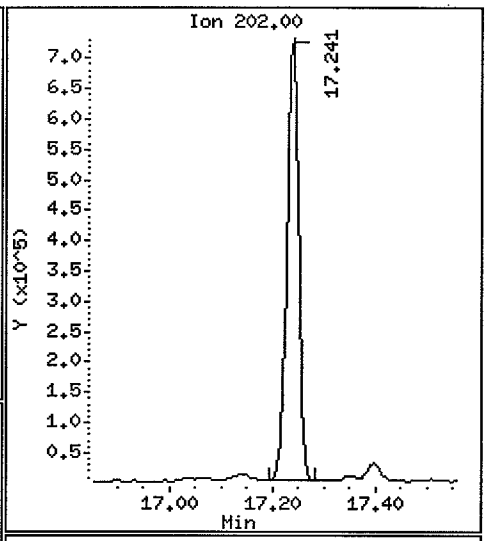
64 Fluoranthene Concentration: 408.1 ug/kg

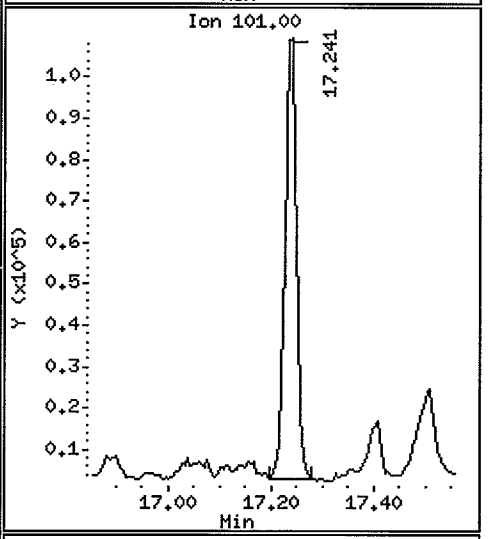


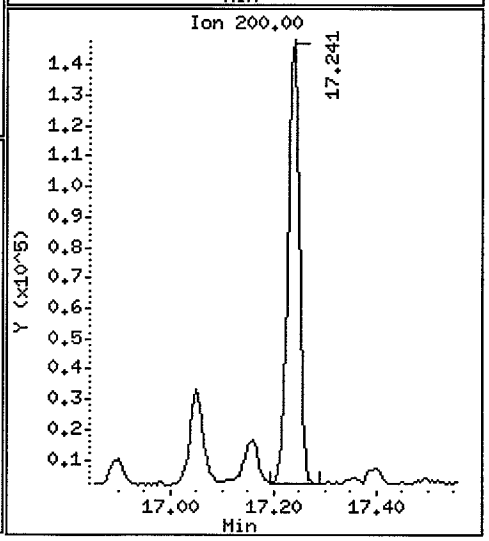












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

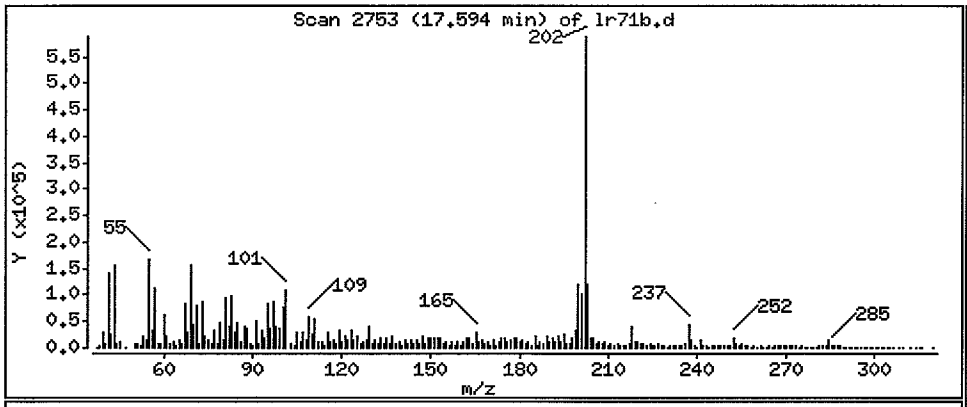
Client ID: AN-SS-02-070927 Instrument: nt6.i

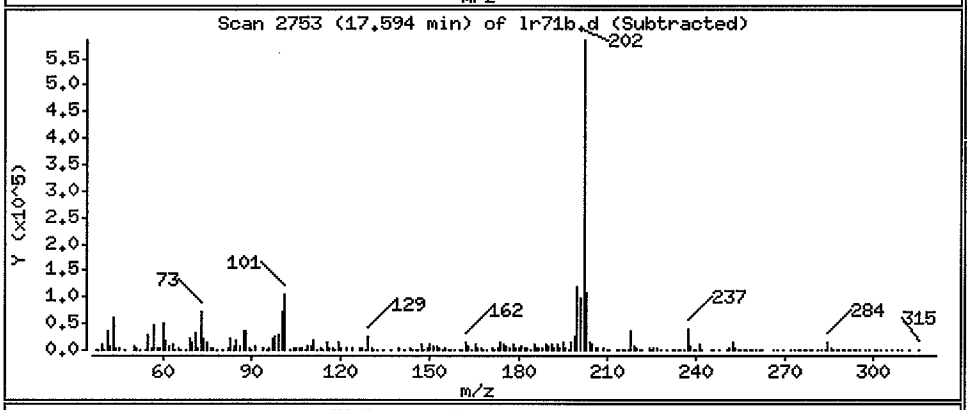
Sample Info: LR71B

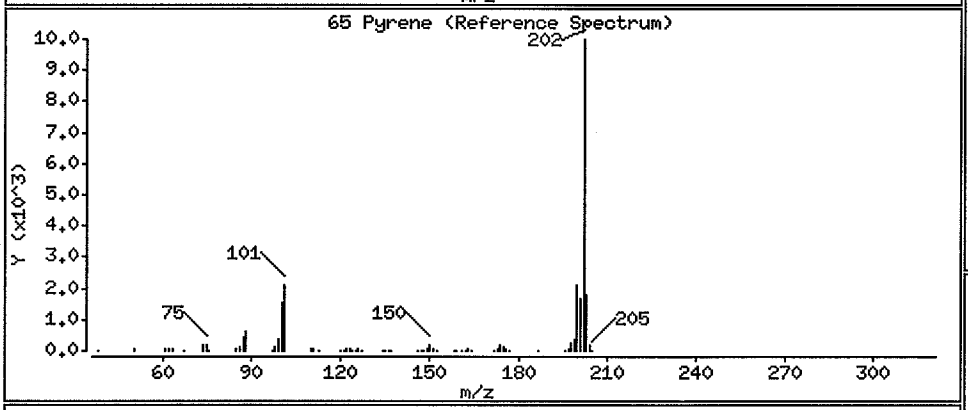
Volume Injected (uL): 1.0 Operator: LJR/VTS

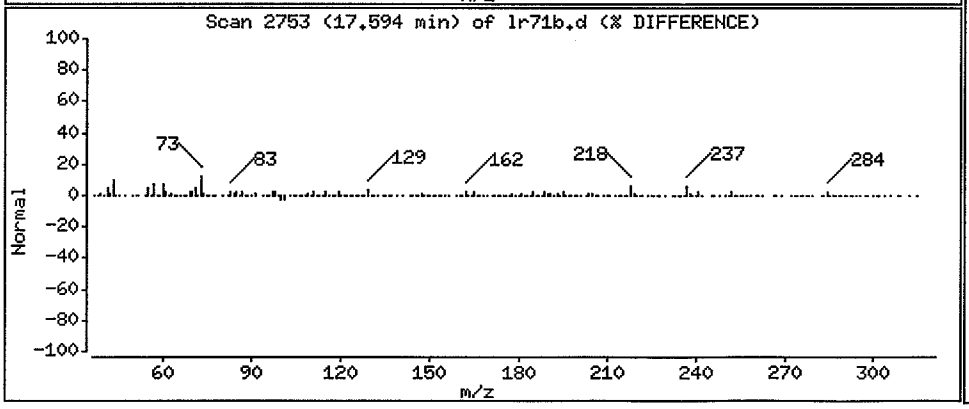
Column phase: ZB-5 Column diameter: 0.32

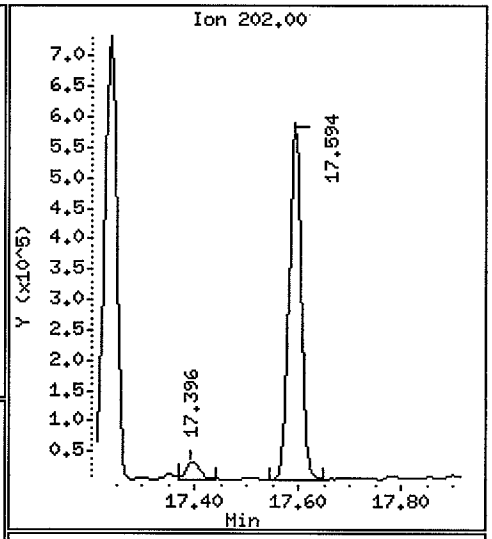
65 Pyrene Concentration: 290.9 ug/kg

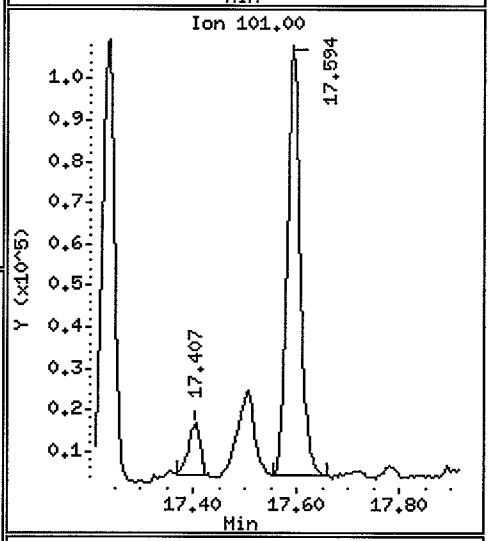


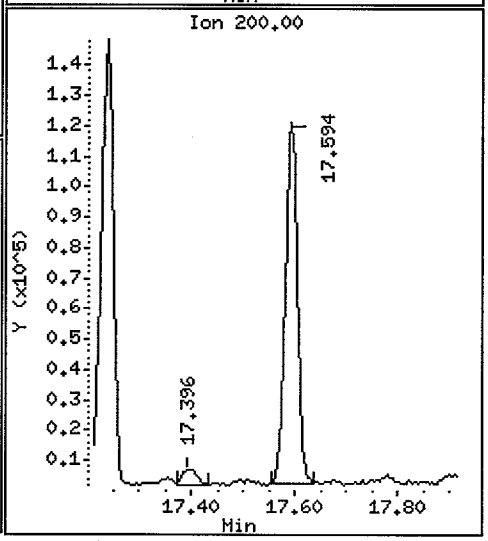












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

Client ID: AN-SS-02-070927

Instrument: nt6.i

Sample Info: LR71B

Volume Injected (uL): 1.0

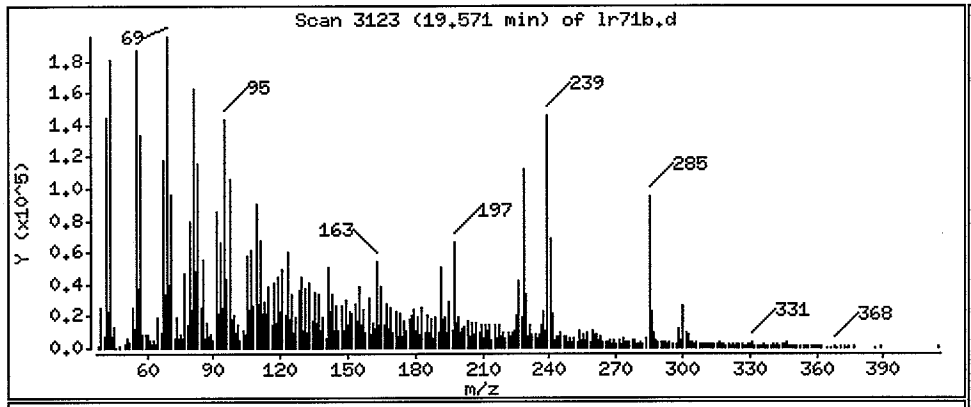
Operator: LJR/VTS

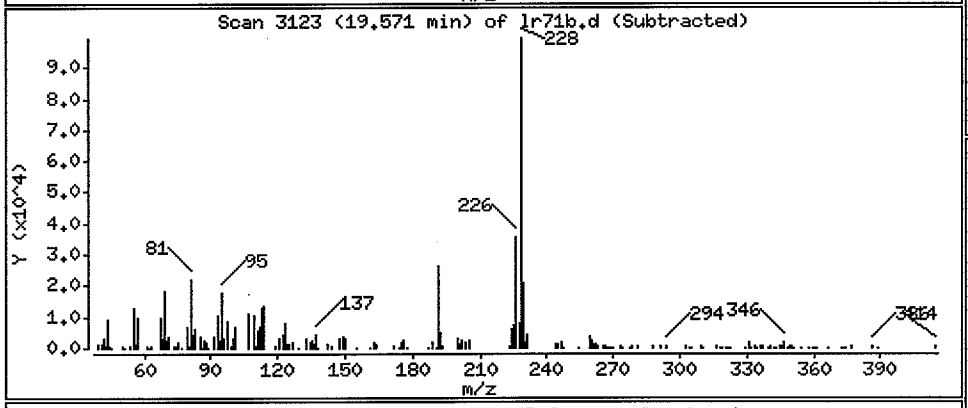
Column phase: ZB-5

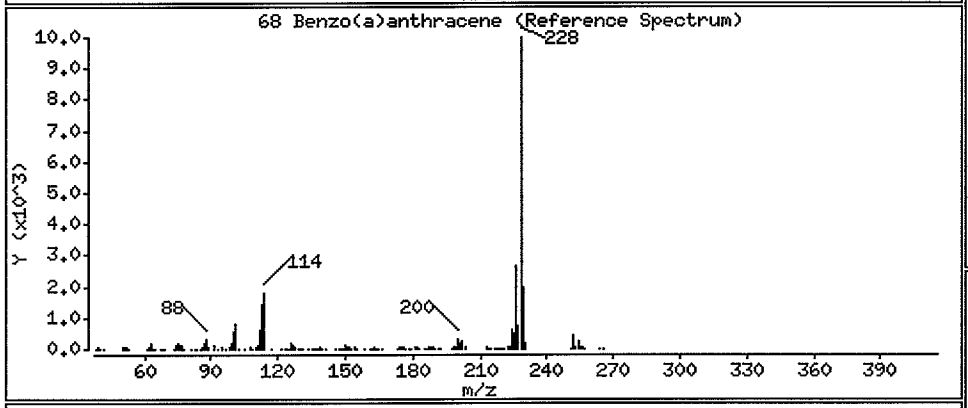
Column diameter: 0.32

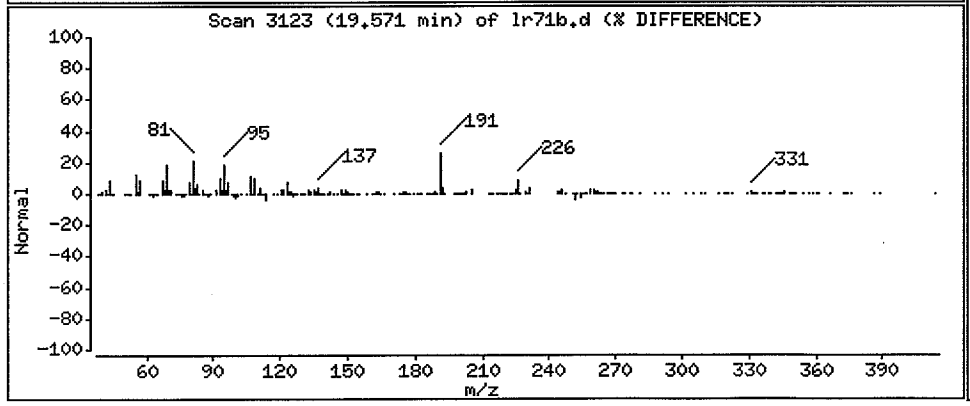
68 Benzo(a)anthracene

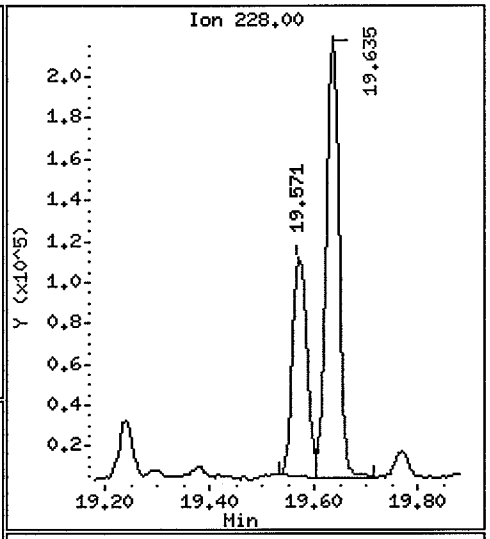
Concentration: 56.05 ug/kg

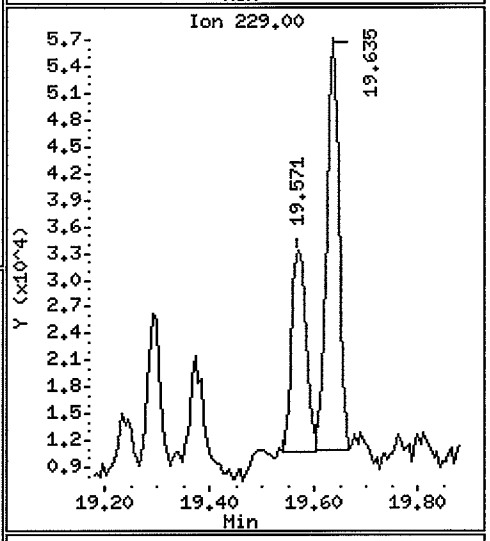


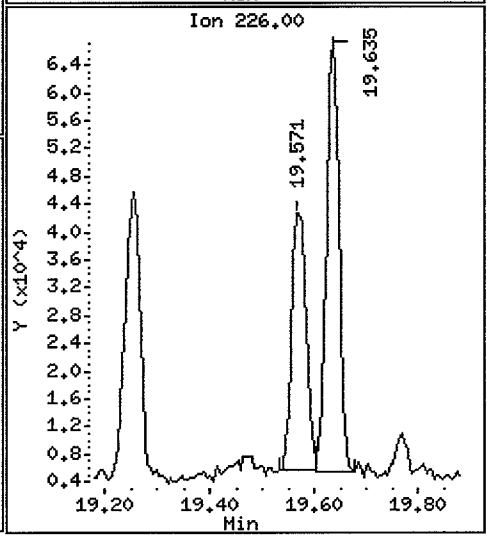












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

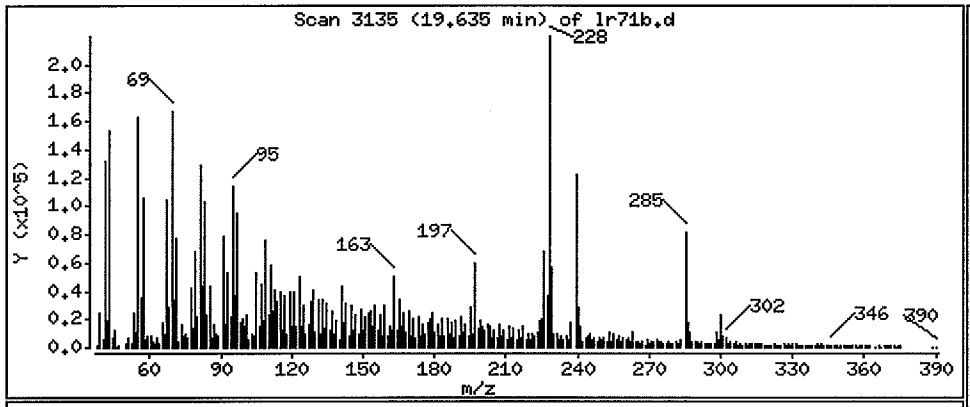
Client ID: AN-SS-02-070927 Instrument: nt6.i

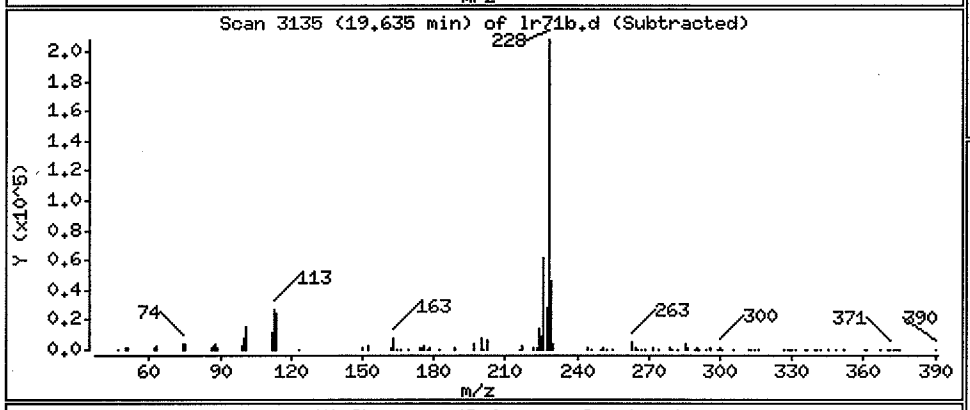
Sample Info: LR71B

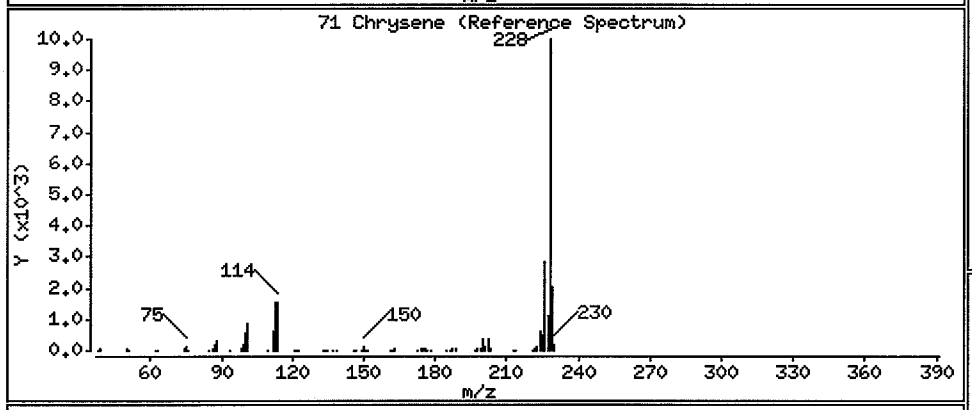
Volume Injected (uL): 1.0 Operator: LJR/VTS

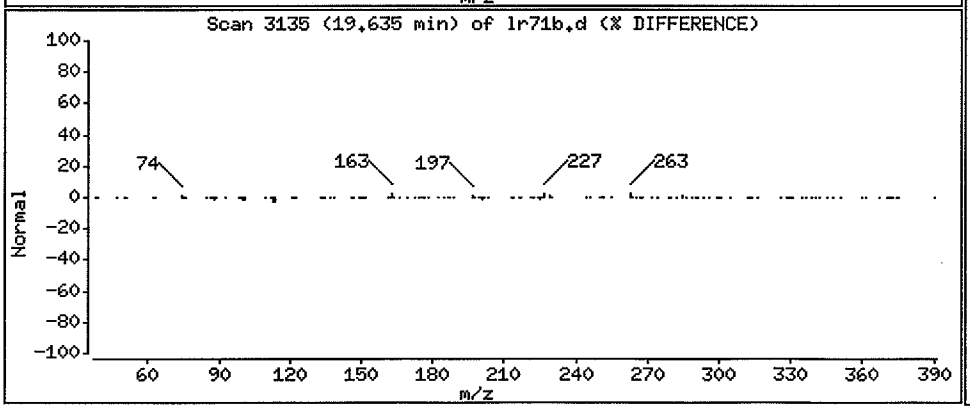
Column phase: ZB-5 Column diameter: 0.32

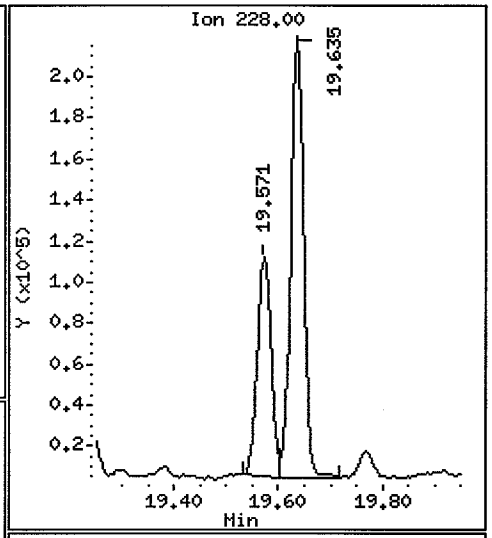
71 Chrysene Concentration: 113.0 ug/kg

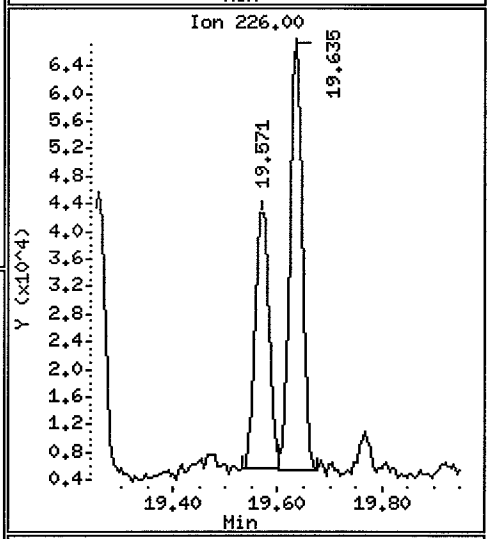


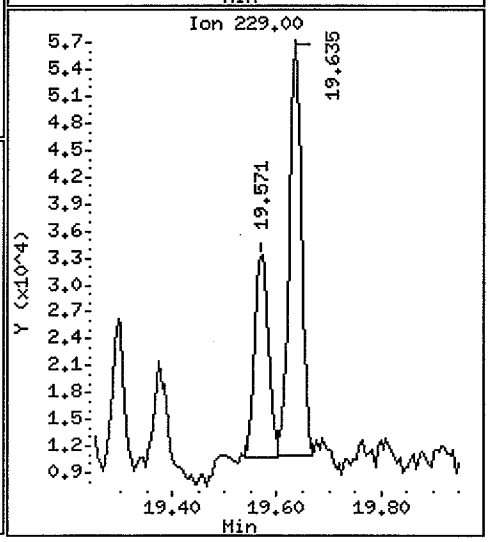












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

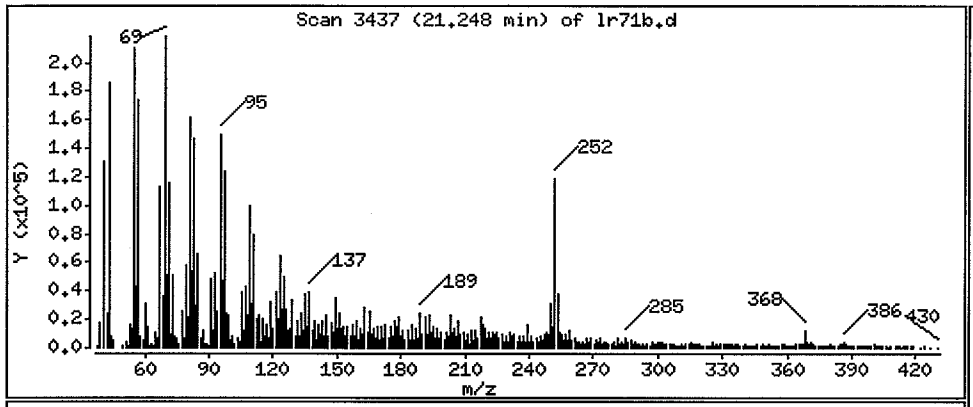
Client ID: AN-SS-02-070927 Instrument: nt6.i

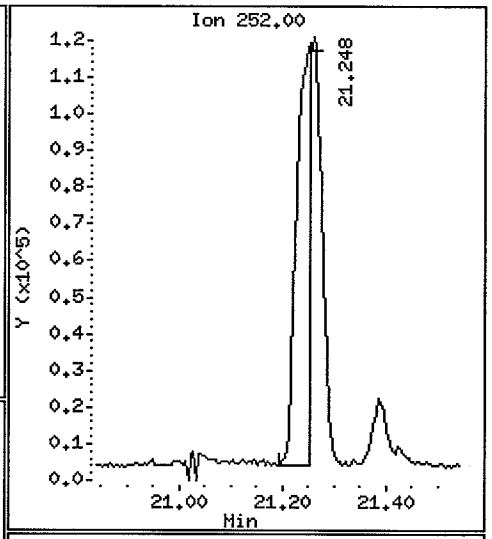
Sample Info: LR71B

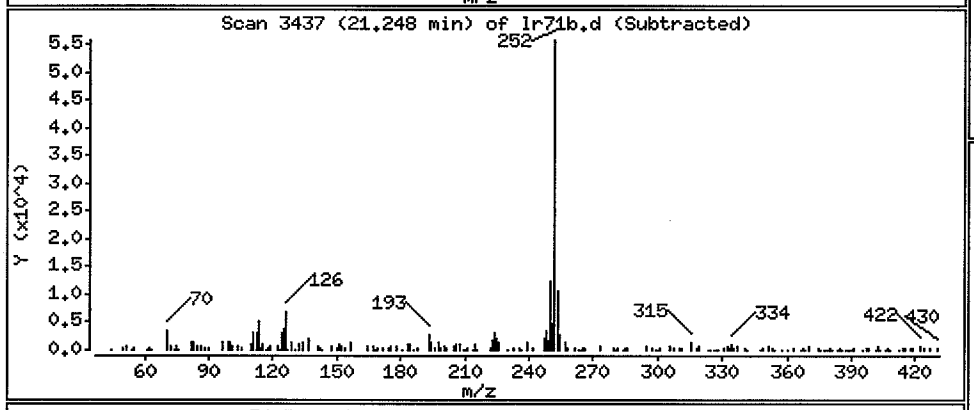
Volume Injected (uL): 1.0 Operator: LJR/VTS

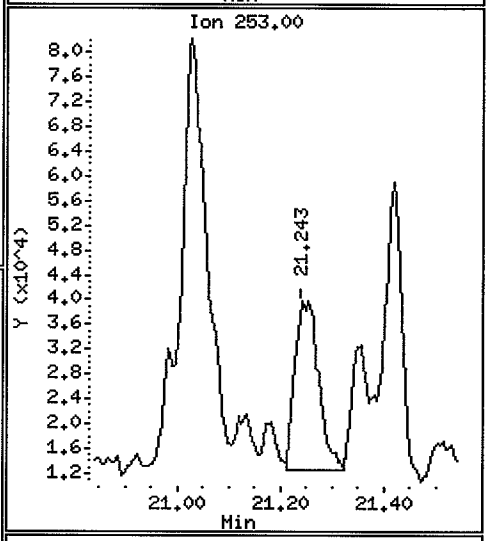
Column phase: ZB-5 Column diameter: 0.32

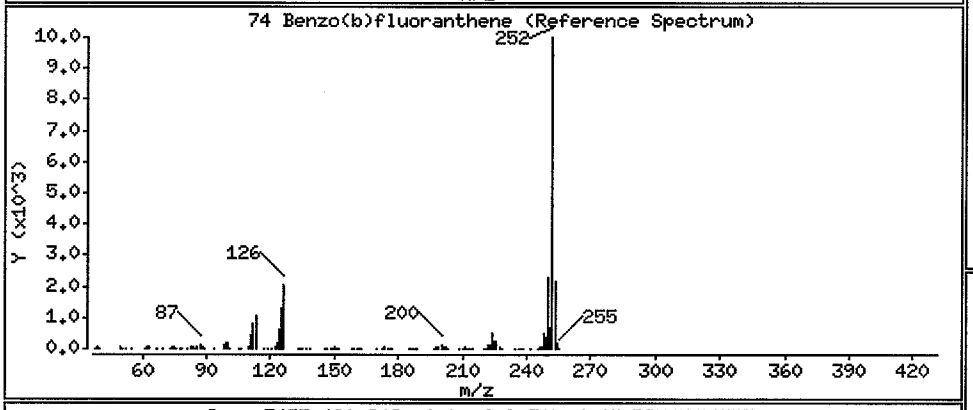
74 Benzo(b)fluoranthene Concentration: 88.11 ug/kg

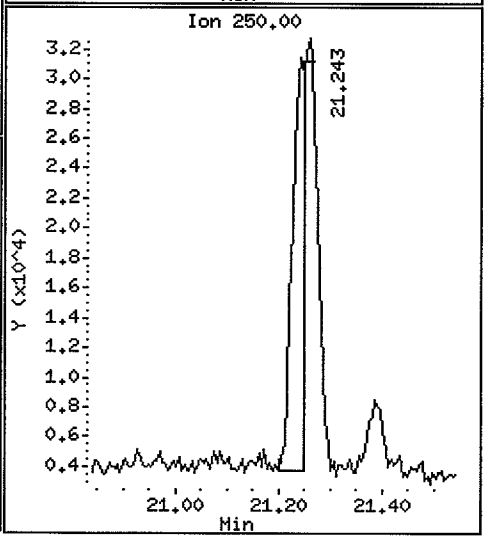


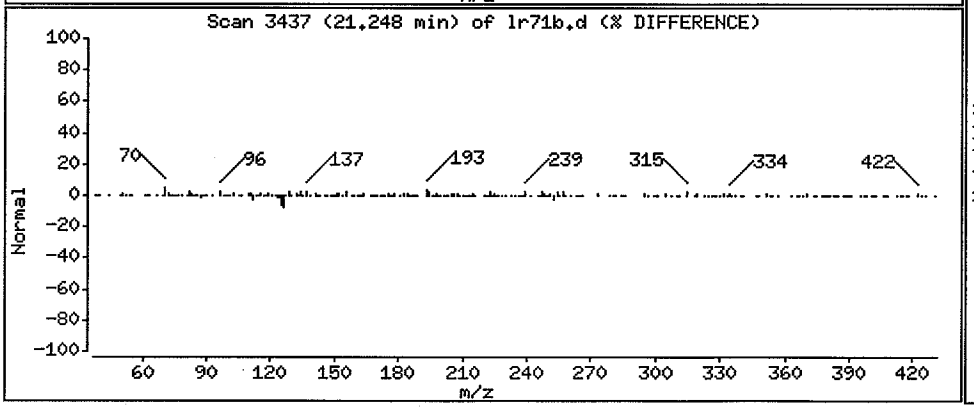












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

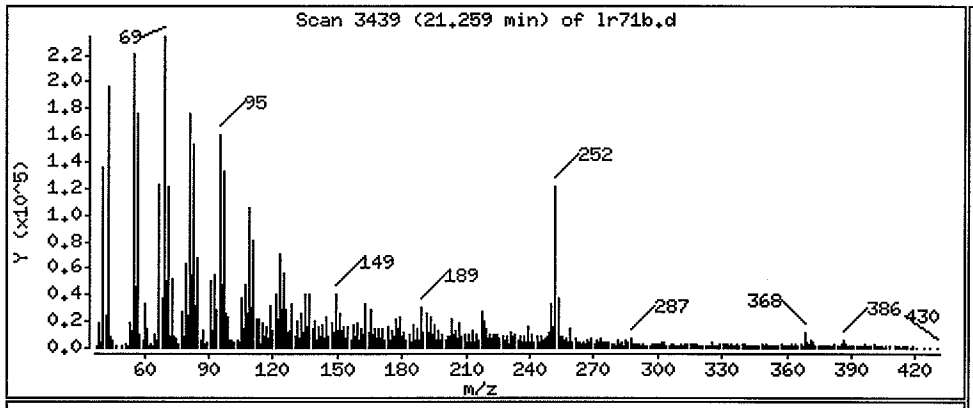
Client ID: AN-SS-02-070927 Instrument: nt6.i

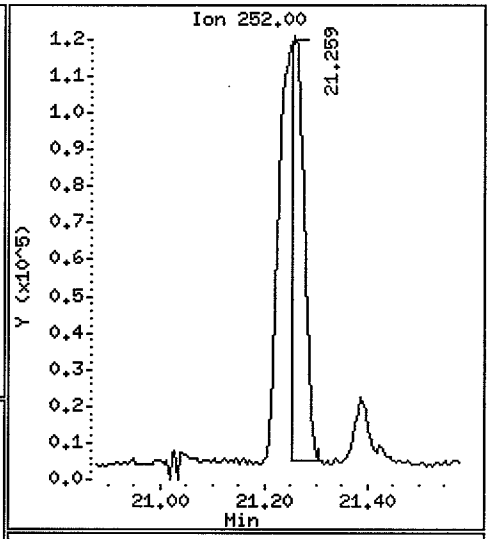
Sample Info: LR71B

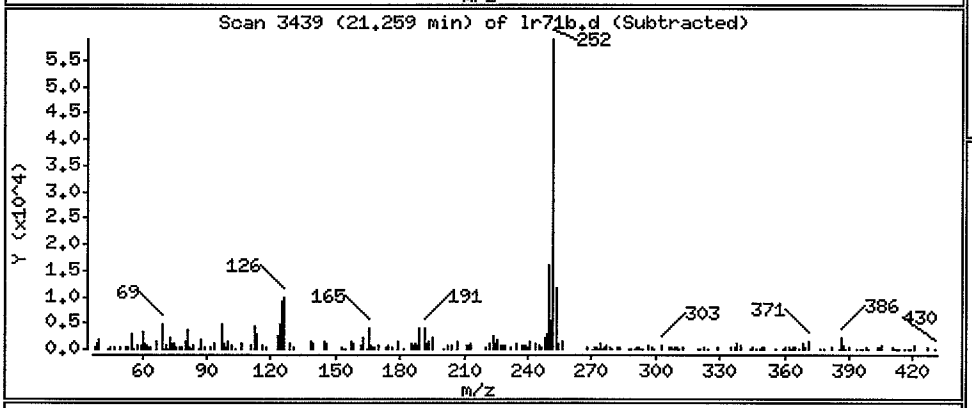
Volume Injected (uL): 1.0 Operator: LJR/VTS

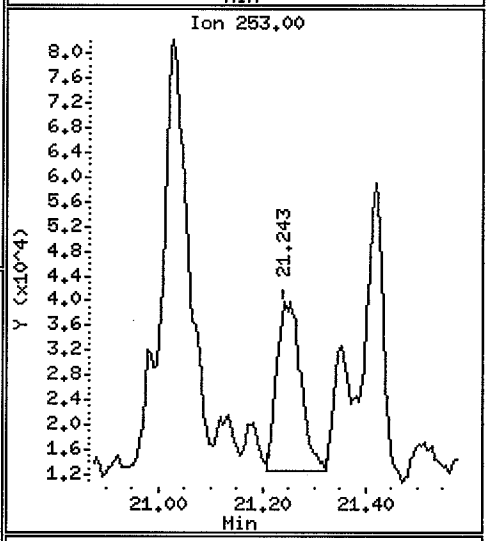
Column phase: ZB-5 Column diameter: 0.32

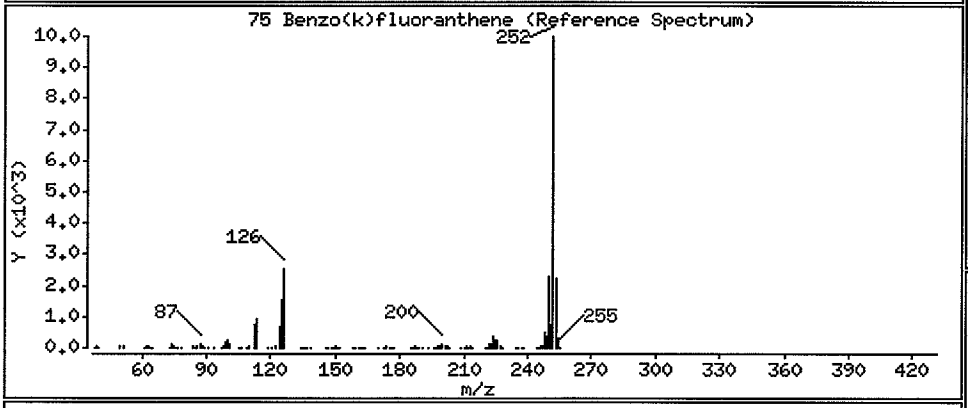
75 Benzo(k)fluoranthene Concentration: 73.40 ug/kg

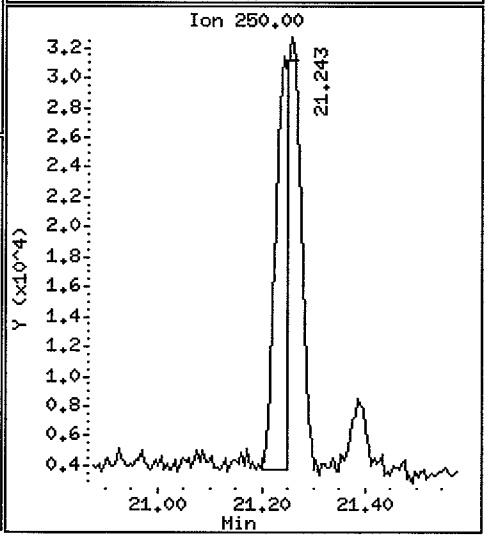


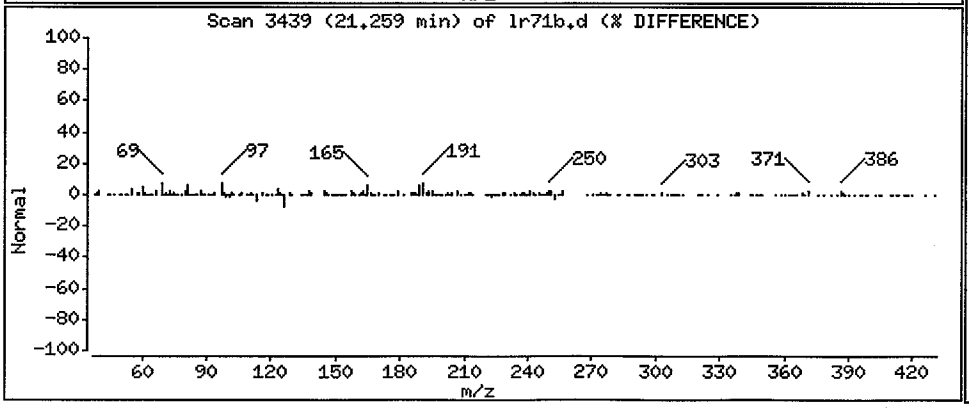












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

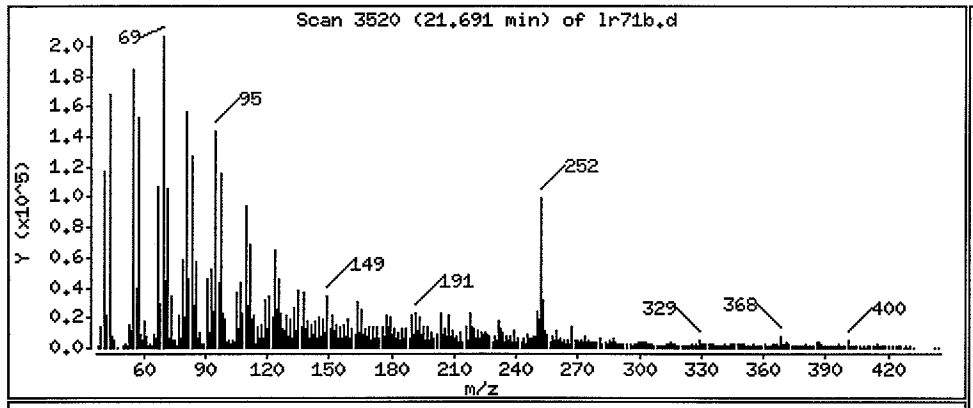
Client ID: AN-SS-02-070927 Instrument: nt6.i

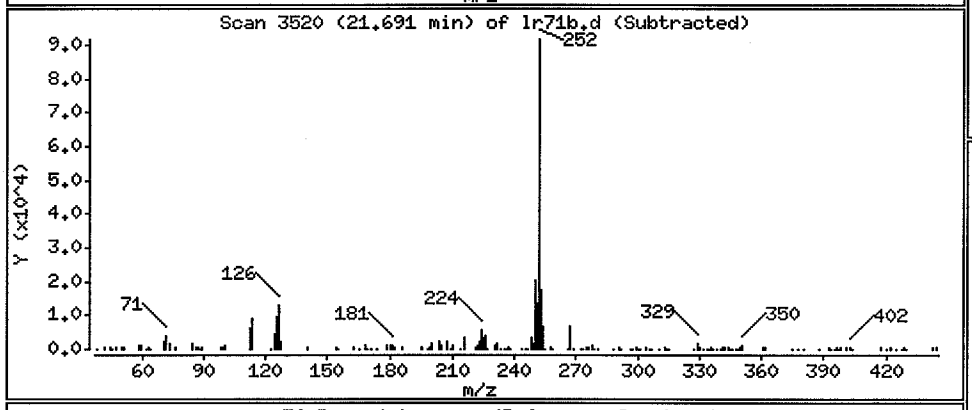
Sample Info: LR71B

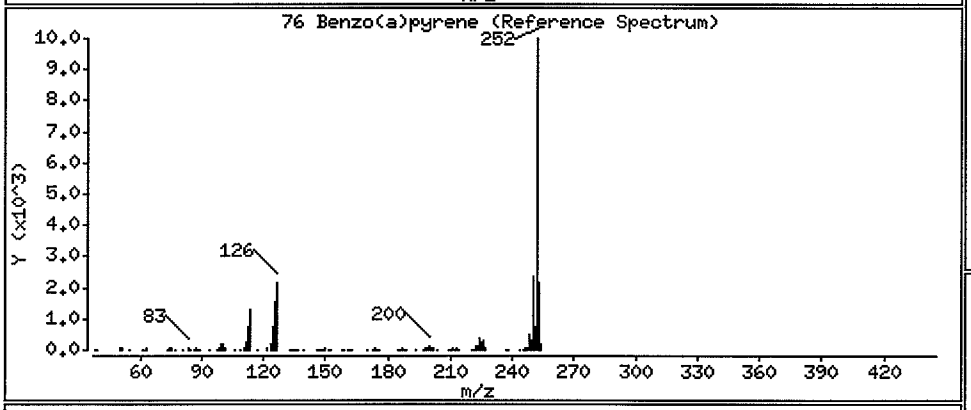
Volume Injected (uL): 1.0 Operator: LJR/VTS

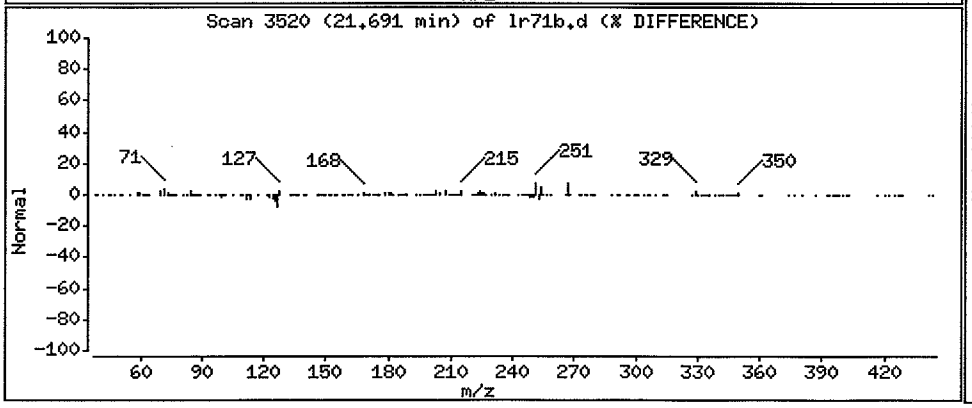
Column phase: ZB-5 Column diameter: 0.32

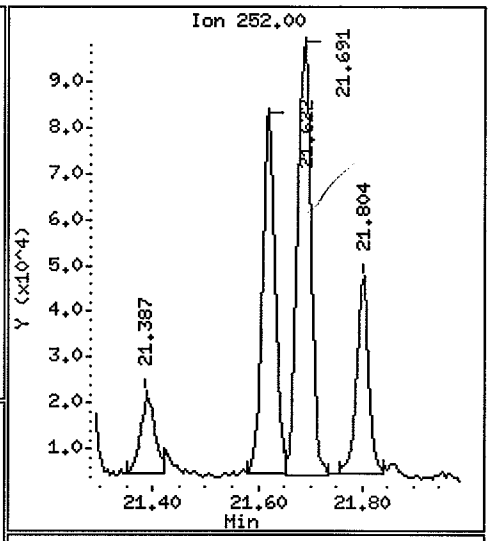
76 Benzo(a)pyrene Concentration: 74.85 ug/kg

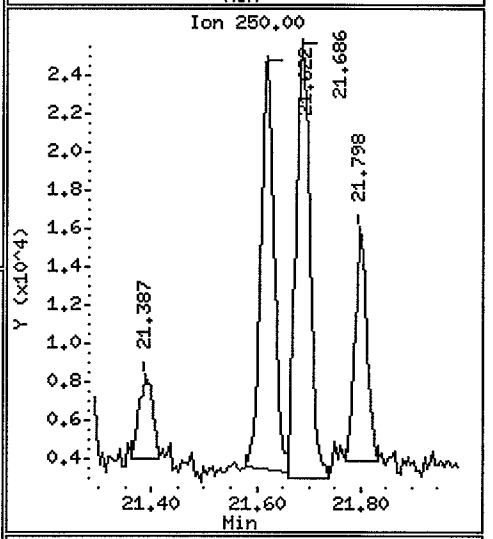


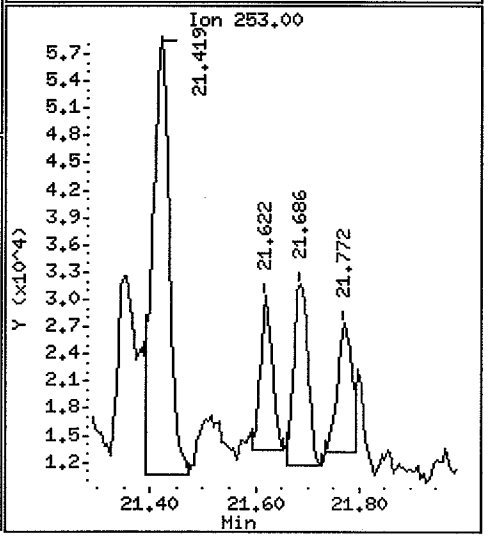












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

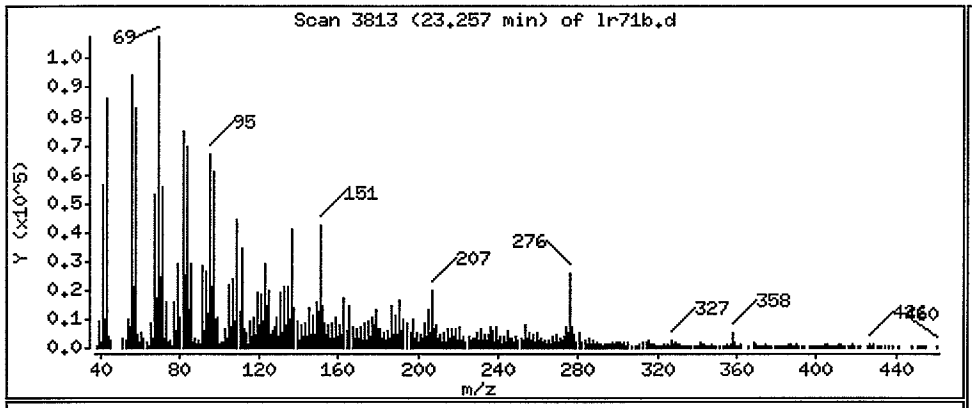
Client ID: AN-SS-02-070927 Instrument: nt6.i

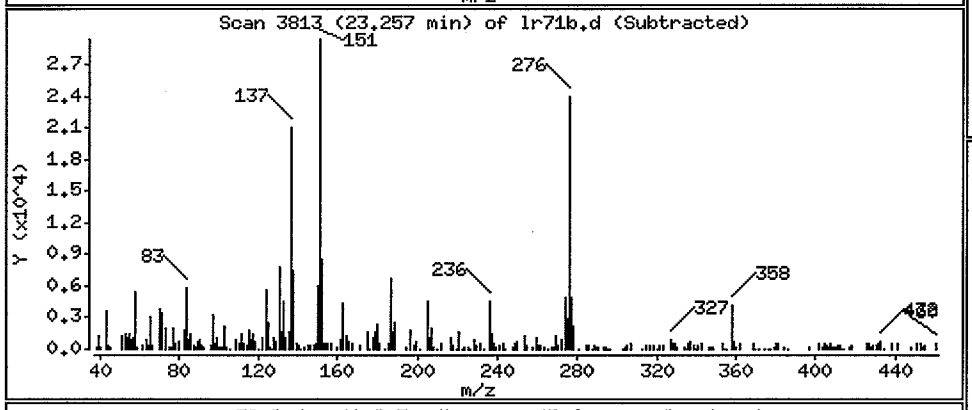
Sample Info: LR71B

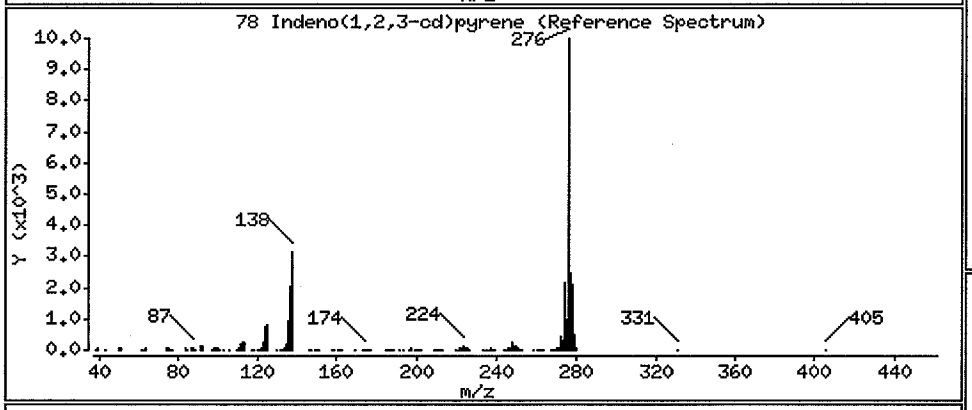
Volume Injected (uL): 1.0 Operator: LJR/VTS

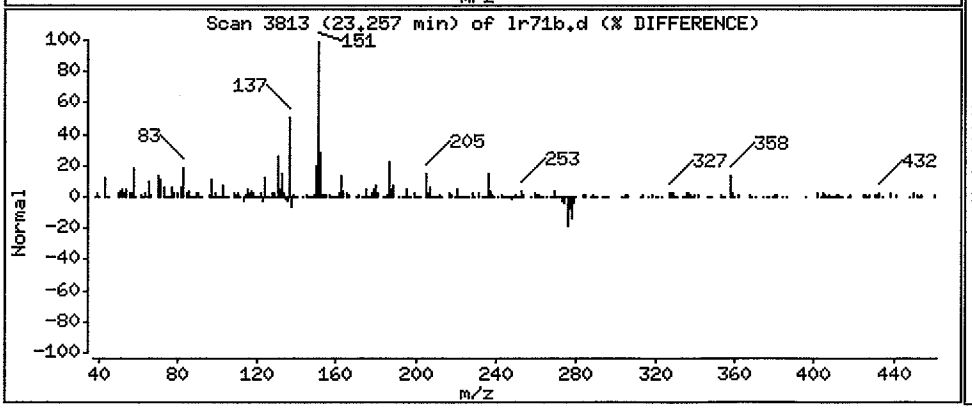
Column phase: ZB-5 Column diameter: 0.32

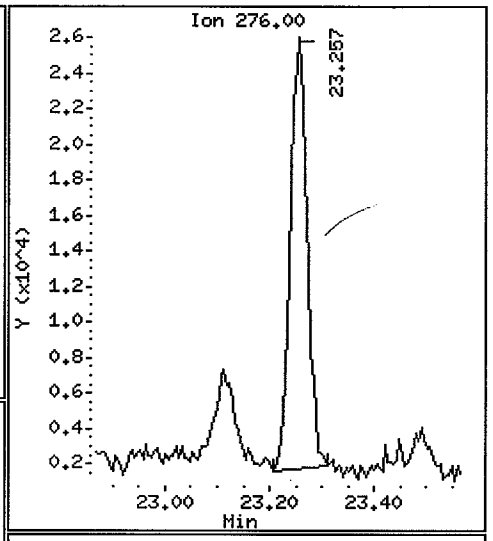
78 Indeno(1,2,3-cd)pyrene Concentration: 19.98 ug/kg

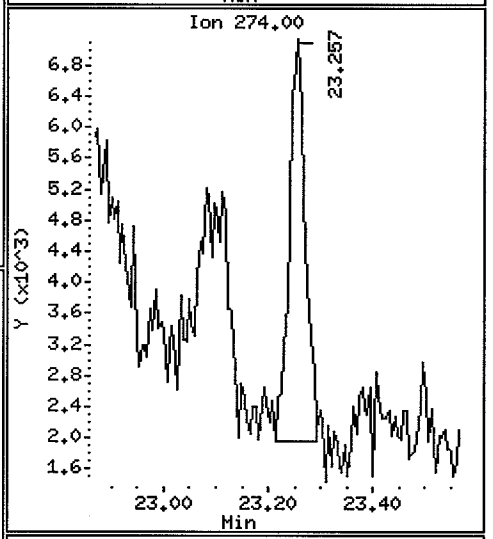


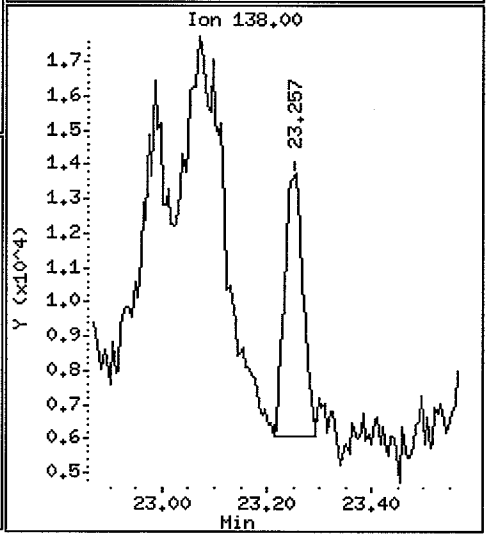












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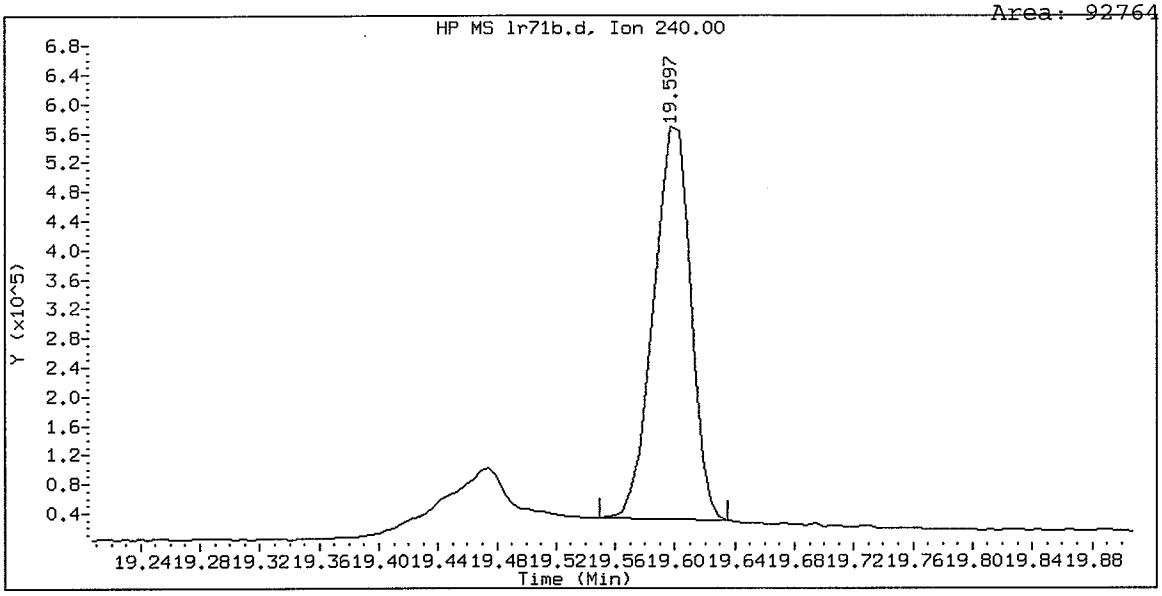
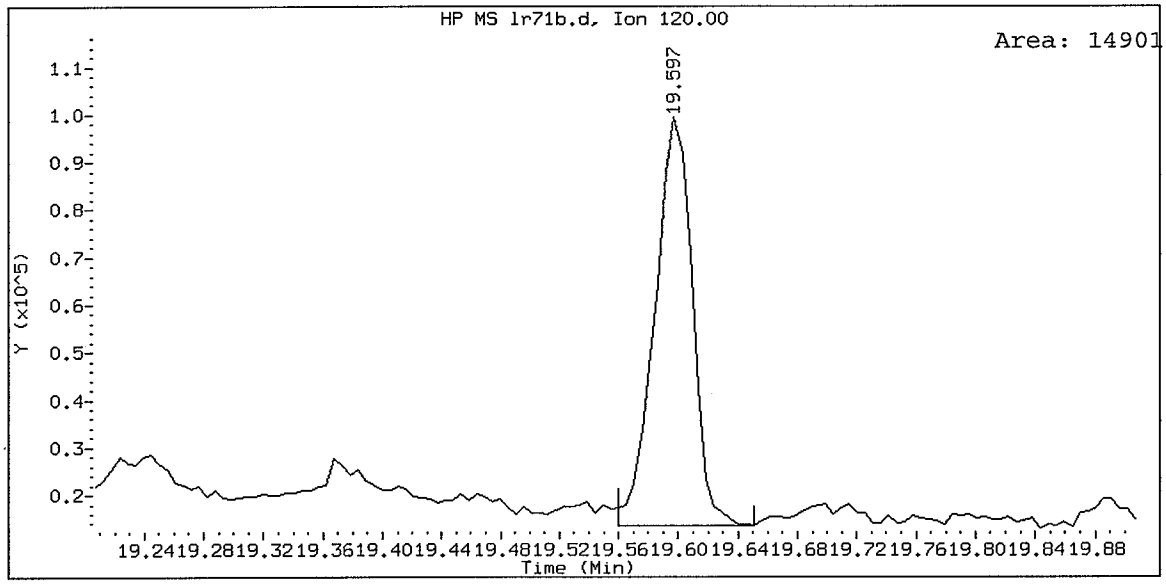
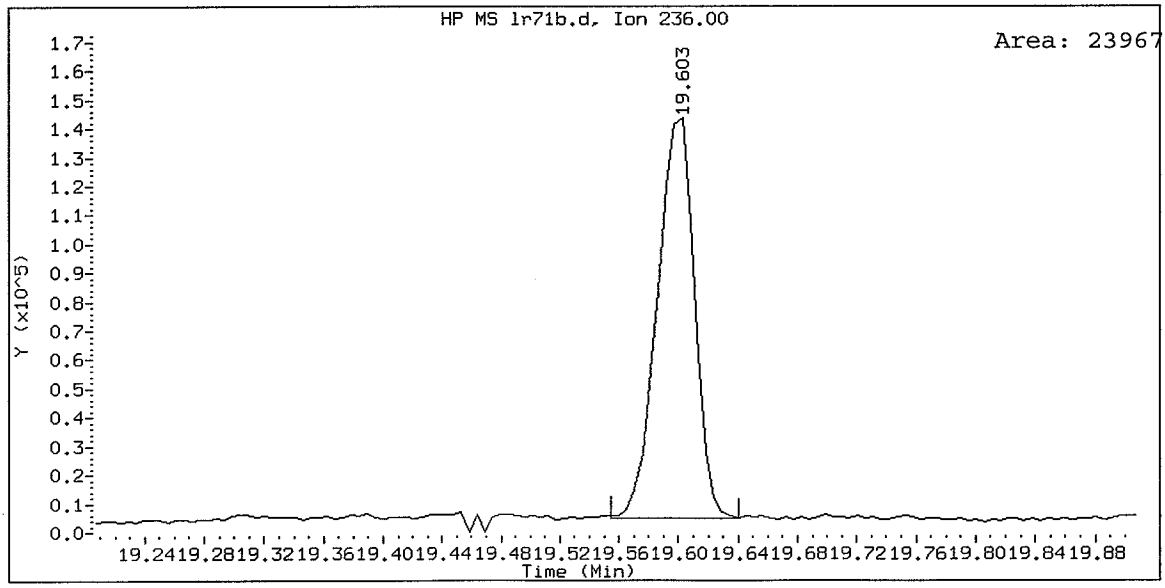
Chrysene-d12 Amount: 20.00







Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

Client ID: AN-SS-02-070927

Instrument: nt6.i

Sample Info: LR71B

Volume Injected (uL): 1.0

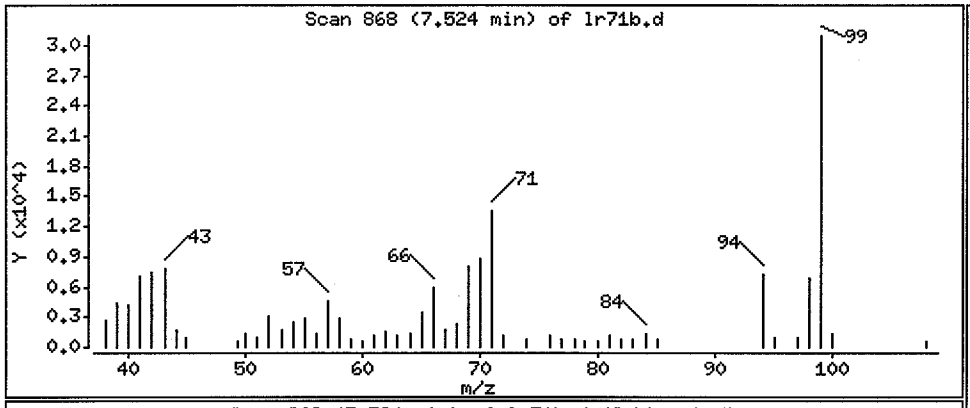
Operator: LJR/VTS

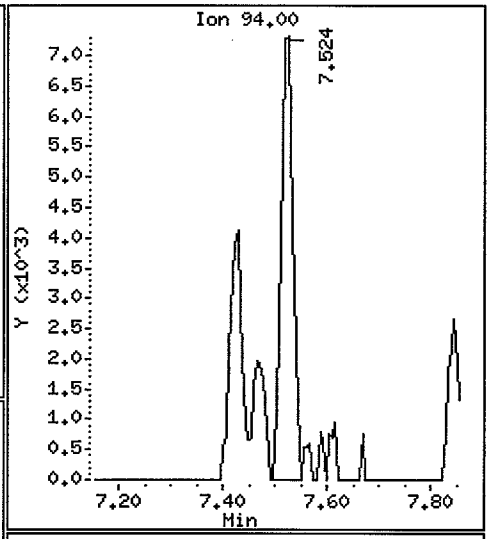
Column phase: ZB-5

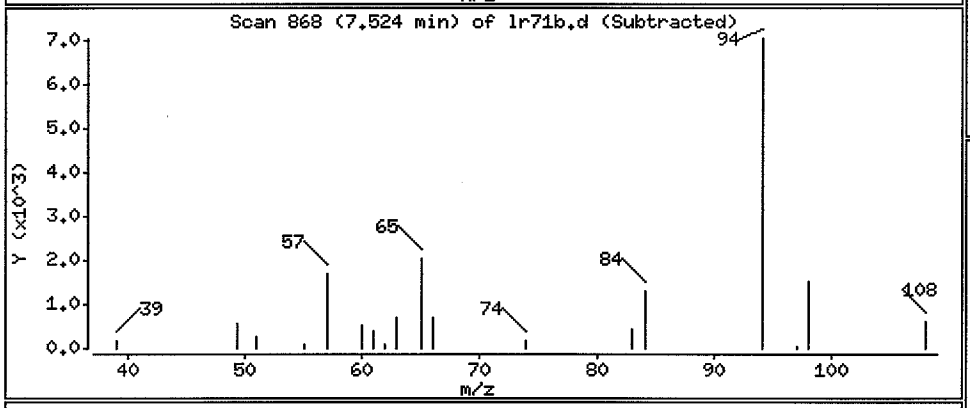
Column diameter: 0.32

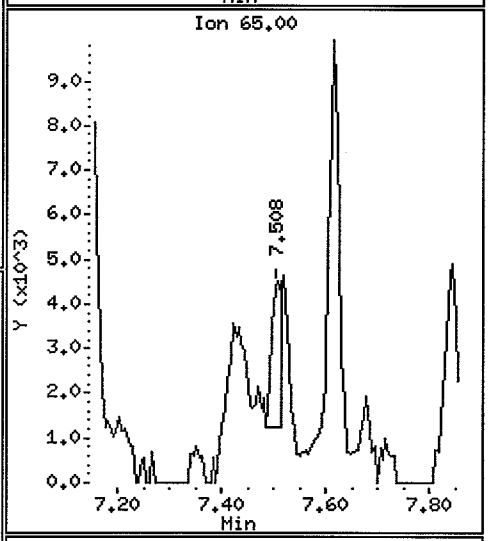
3 Phenol

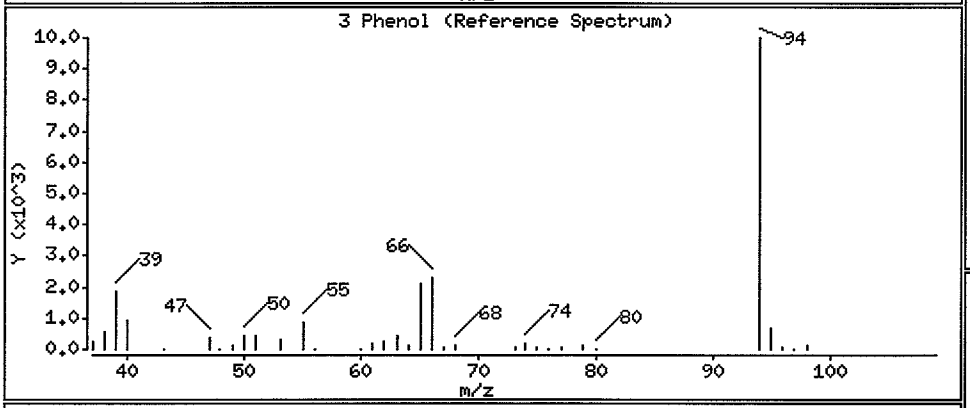
Concentration: 10.22 ug/kg

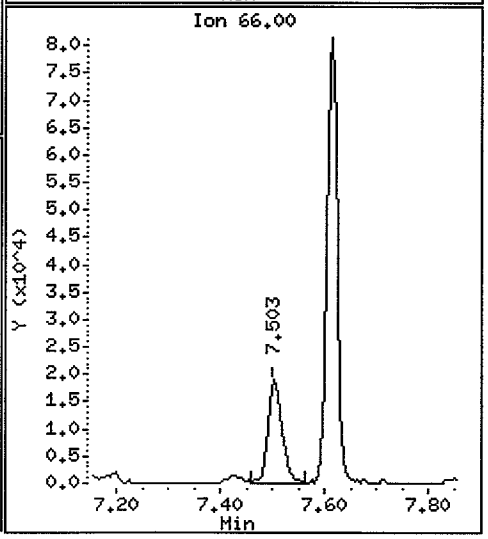


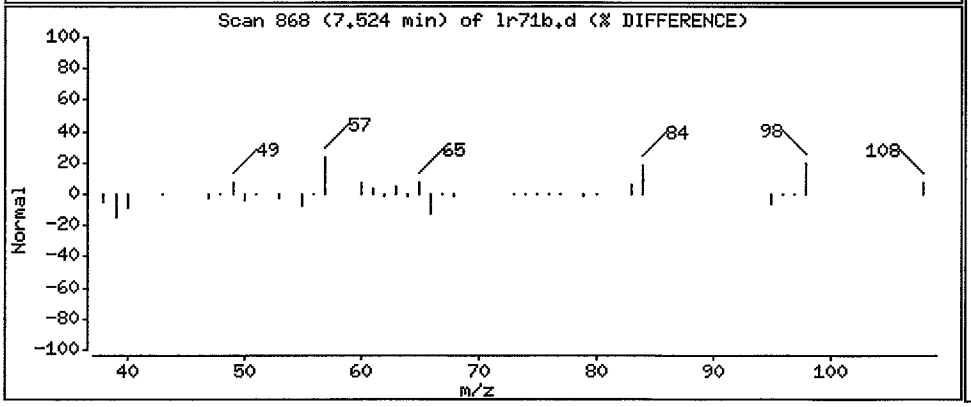












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

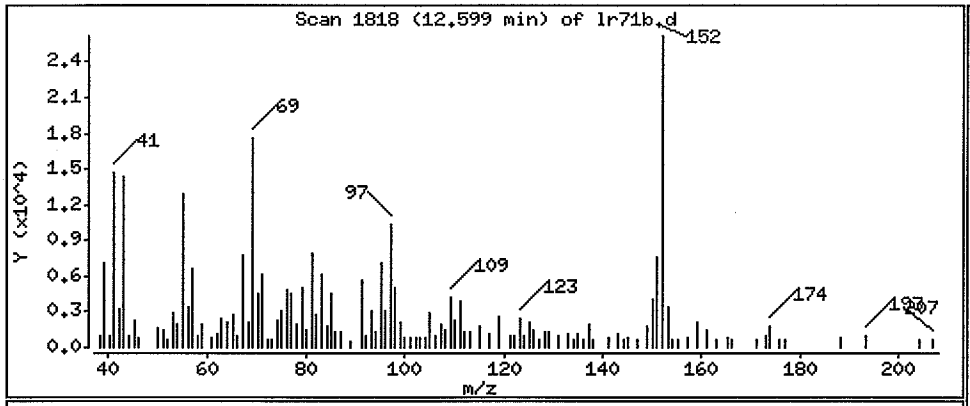
Client ID: AN-SS-02-070927 Instrument: nt6.i

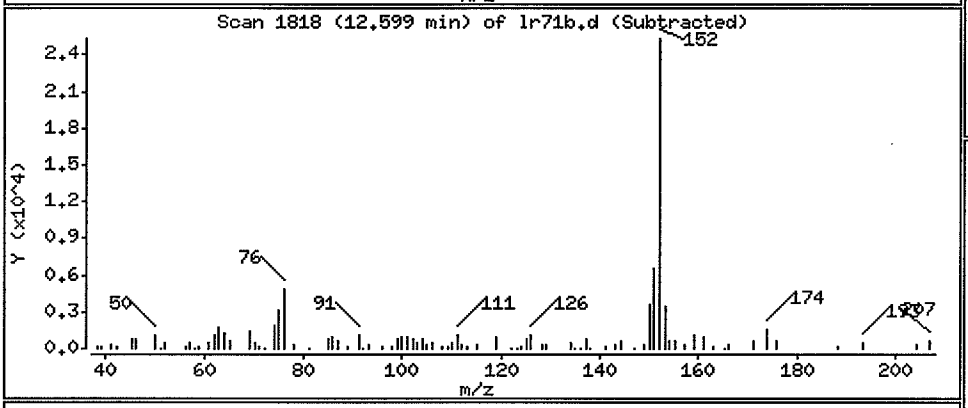
Sample Info: LR71B

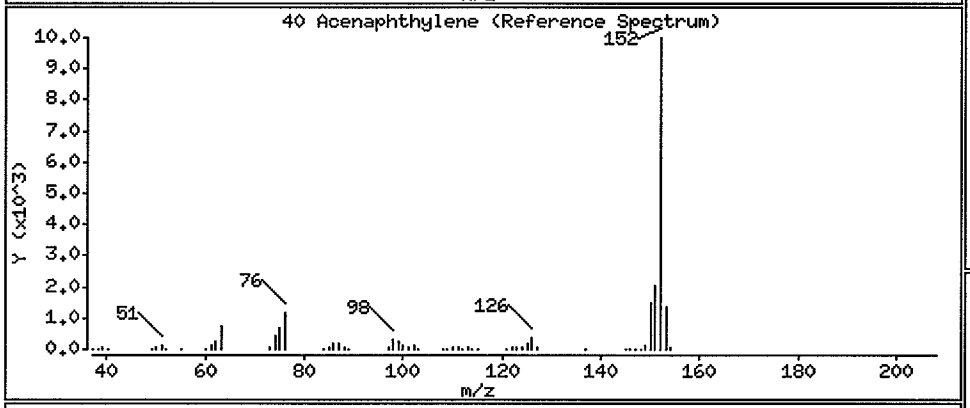
Volume Injected (uL): 1.0 Operator: LJR/VTS

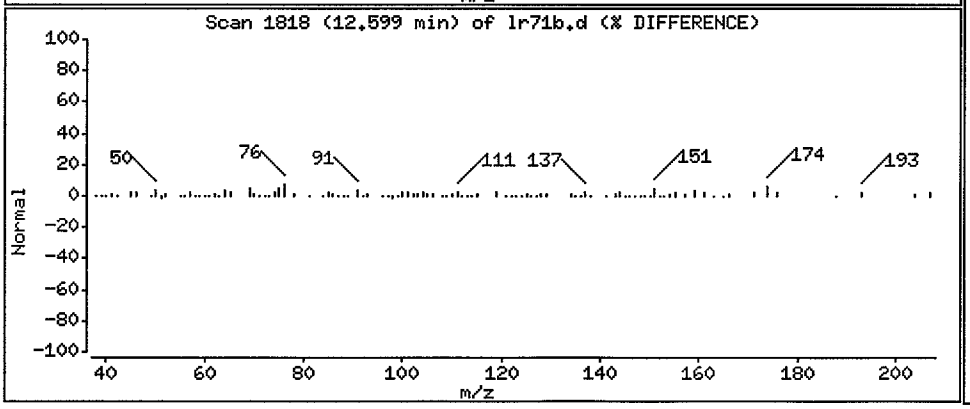
Column phase: ZB-5 Column diameter: 0.32

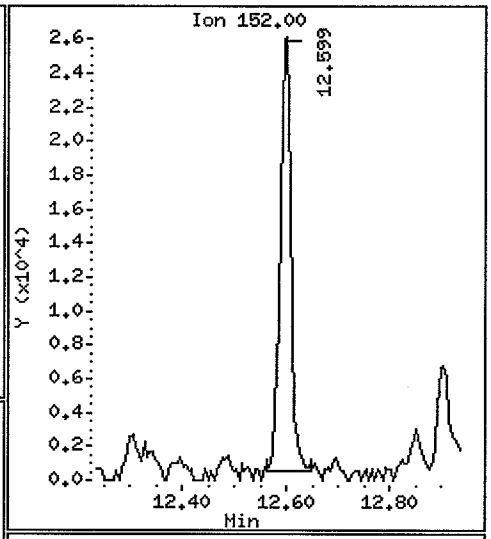
40 Acenaphthylene Concentration: 16.38 ug/kg

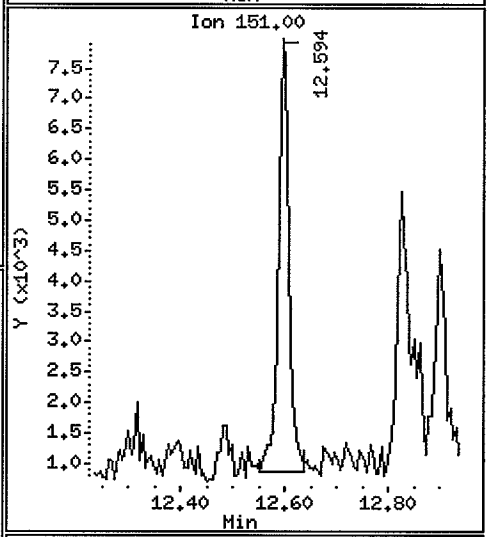


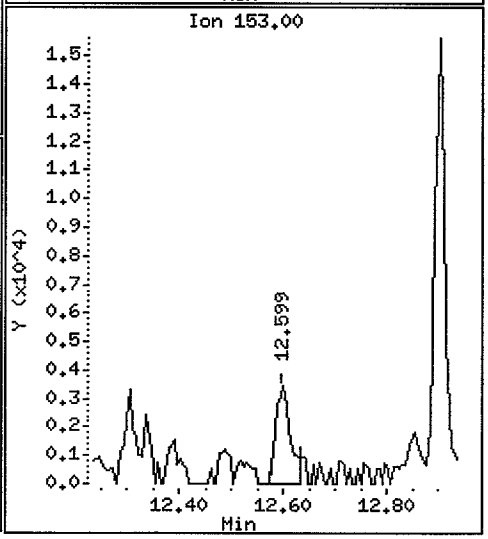












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

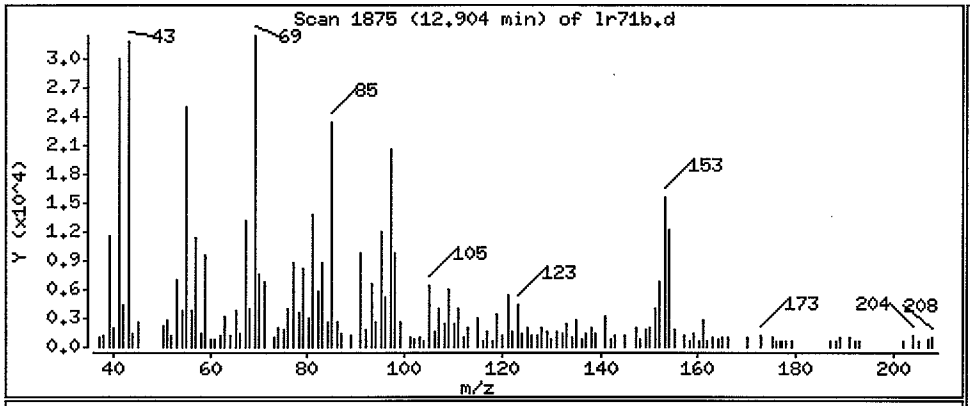
Client ID: AN-SS-02-070927 Instrument: nt6.i

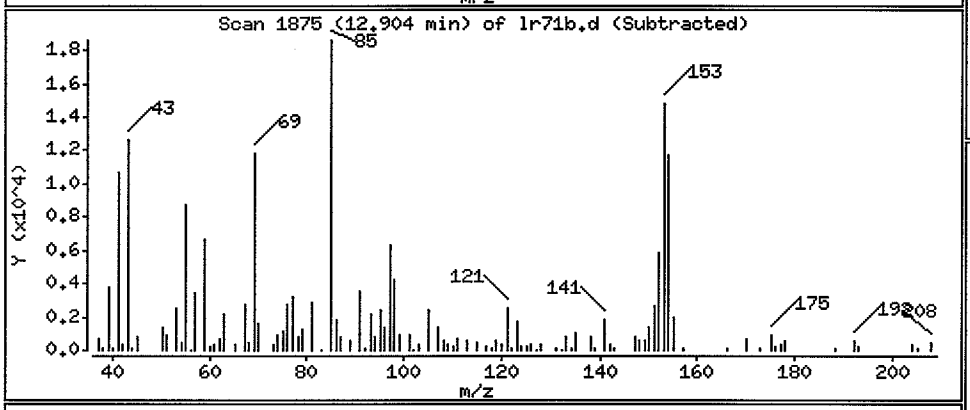
Sample Info: LR71B

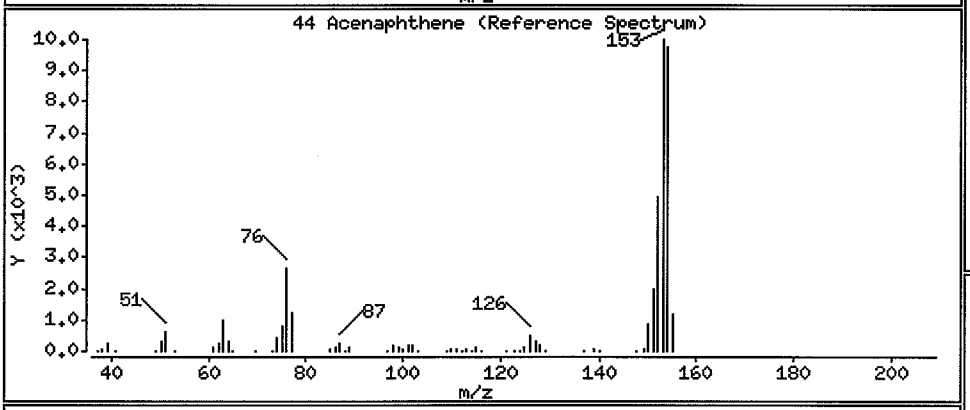
Volume Injected (uL): 1.0 Operator: LJR/VTS

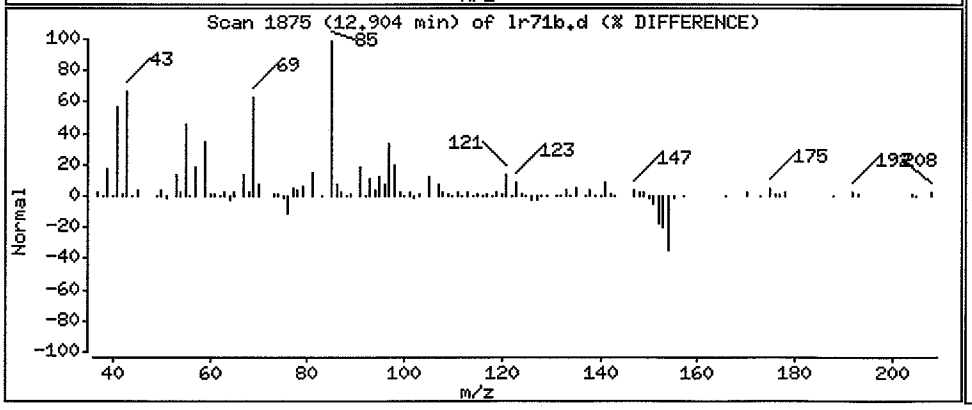
Column phase: ZB-5 Column diameter: 0.32

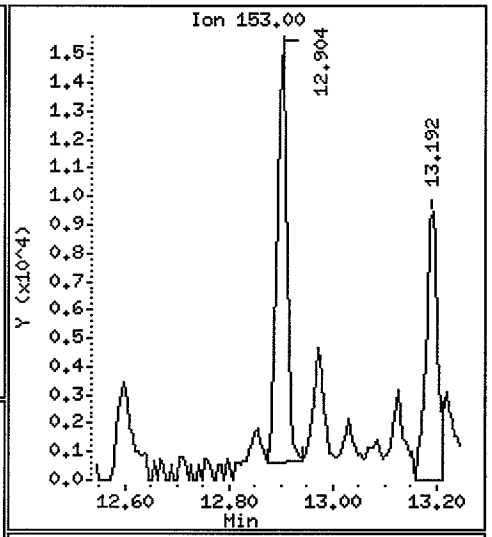
44 Acenaphthene Concentration: 13.80 ug/kg

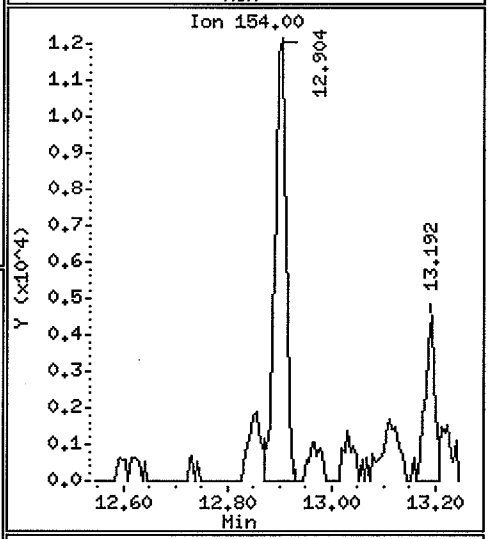


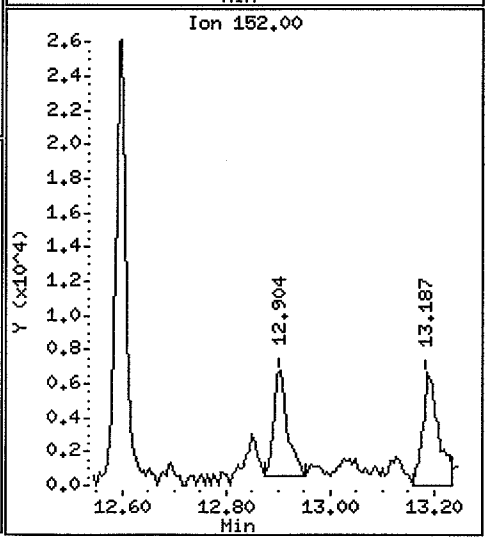












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

Client ID: AN-SS-02-070927 Instrument: nt6.i

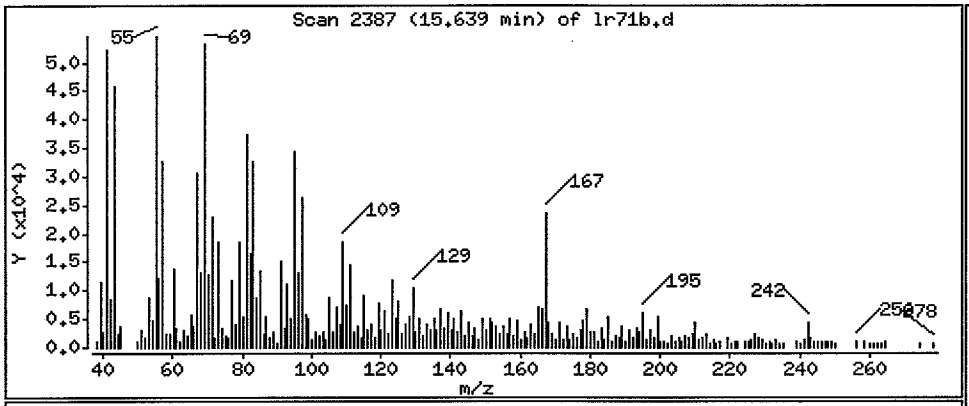
Sample Info: LR71B

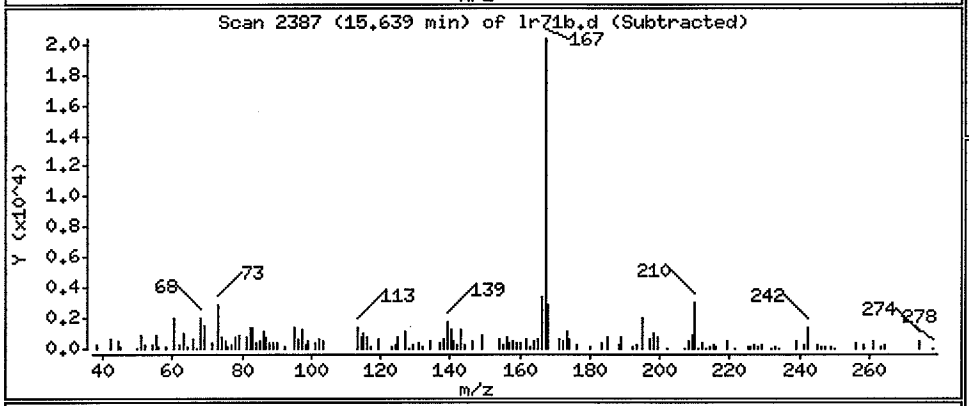
Volume Injected (uL): 1.0 Operator: LJR/VTS

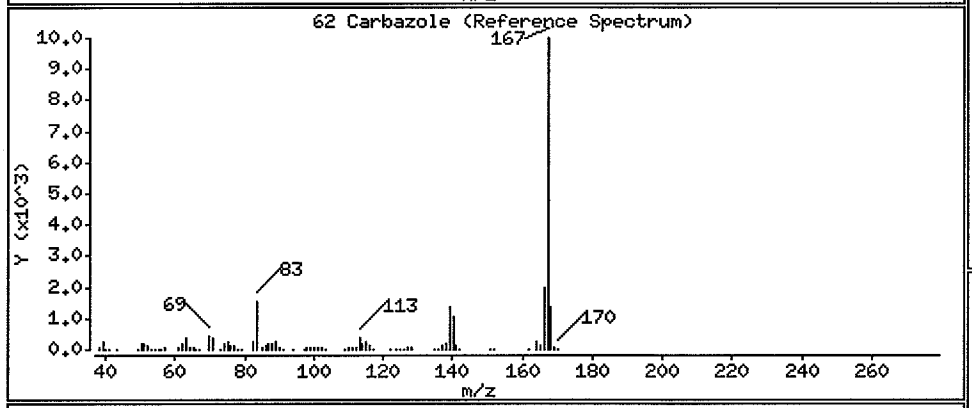
Column phase: ZB-5 Column diameter: 0.32

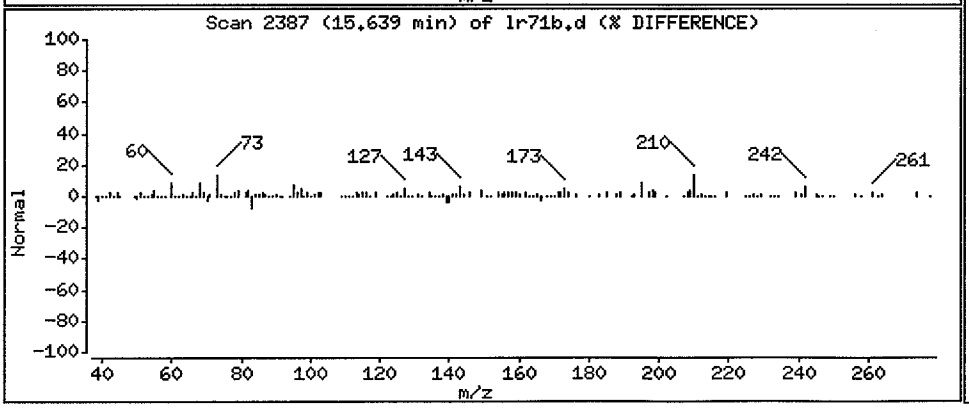
62 Carbazole Concentration: 15.06 ug/kg

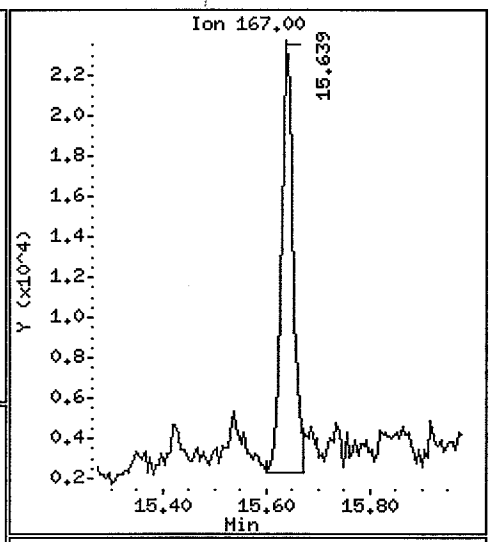
NK cpd

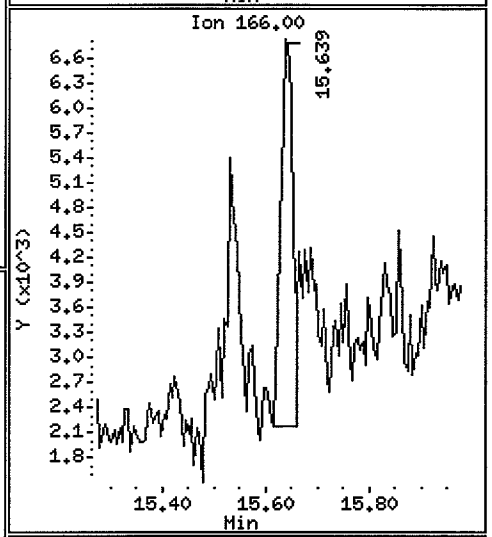


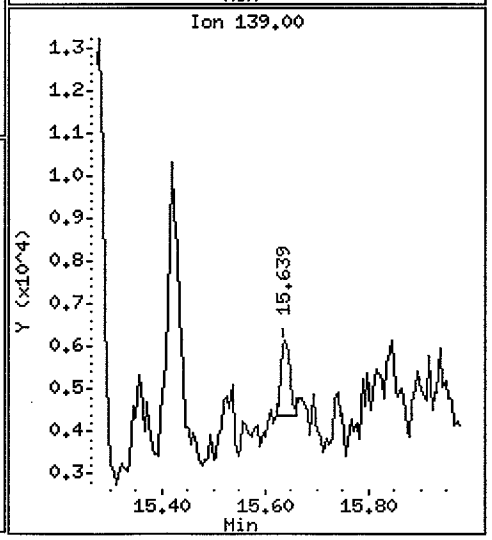












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

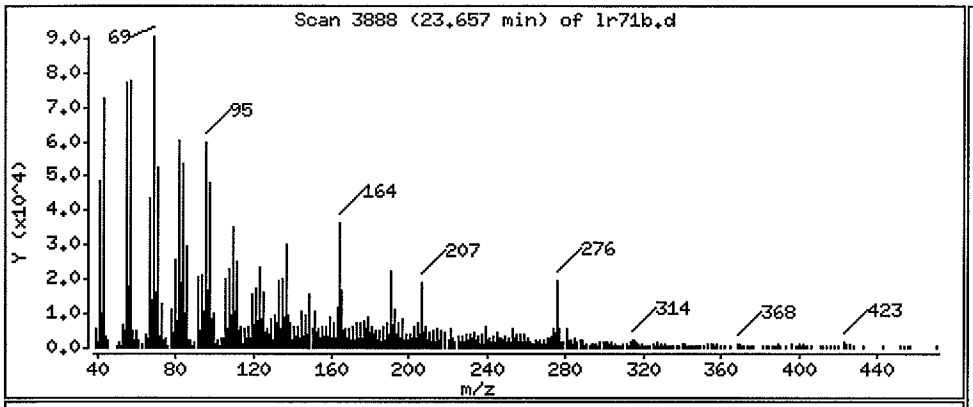
Client ID: AN-SS-02-070927 Instrument: nt6.i

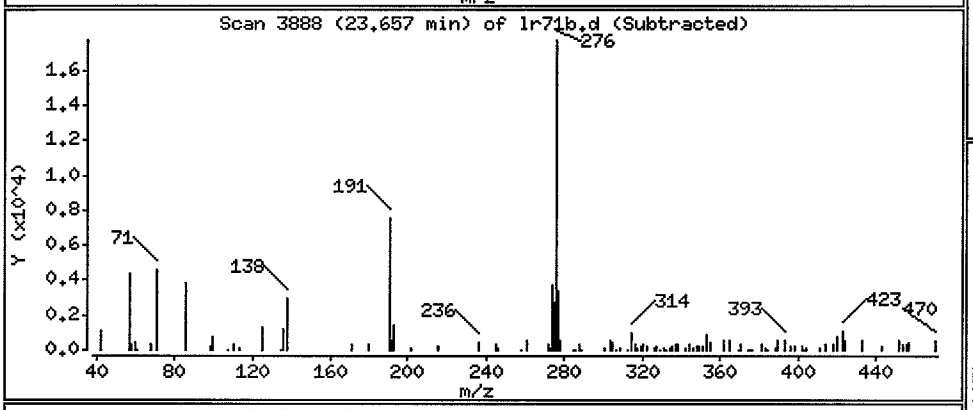
Sample Info: LR71B

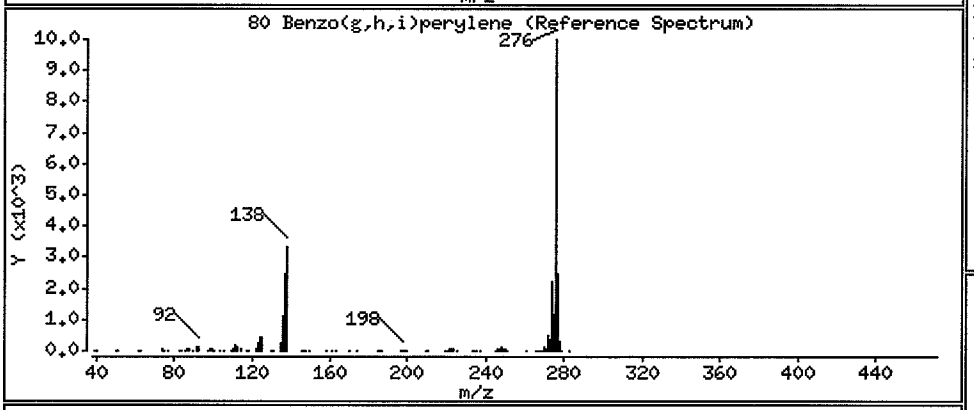
Volume Injected (uL): 1.0 Operator: LJR/VTS

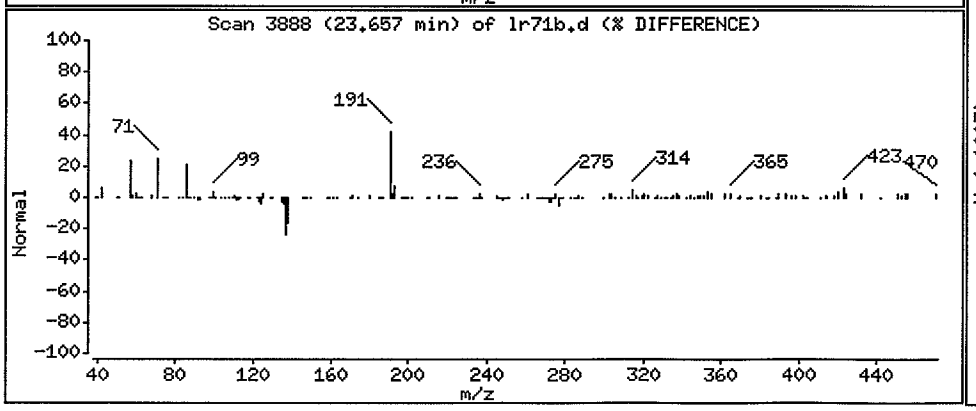
Column phase: ZB-5 Column diameter: 0.32

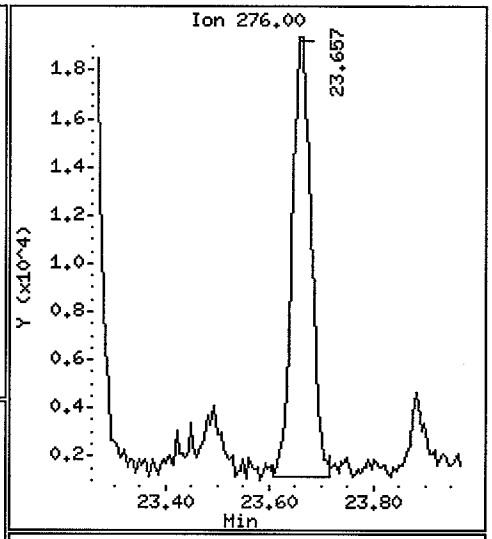
80 Benzo(g,h,i)perylene Concentration: 16.66 ug/kg

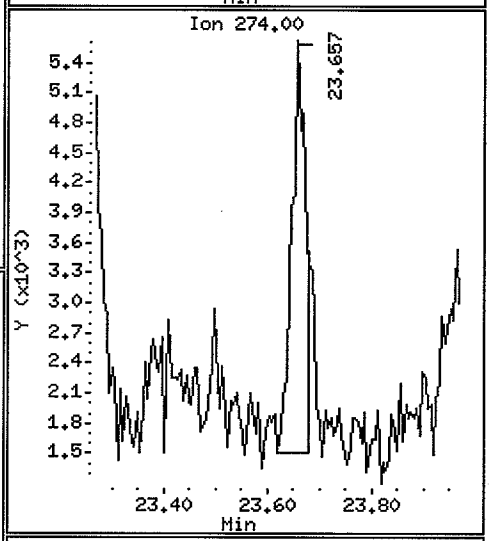


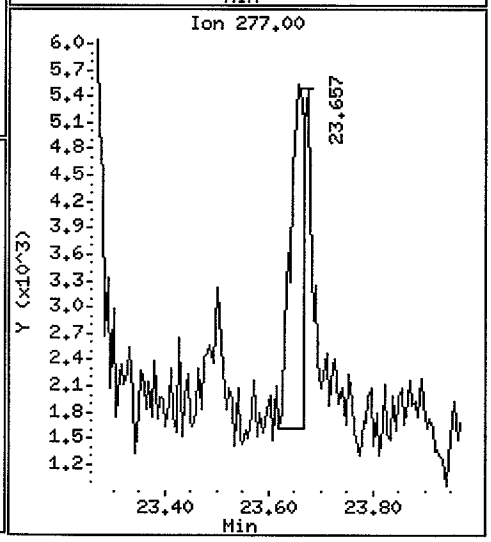












Data File: /chem1/nt6.i/20071018.b/lr71b.d

Date : 18-OCT-2007 15:13

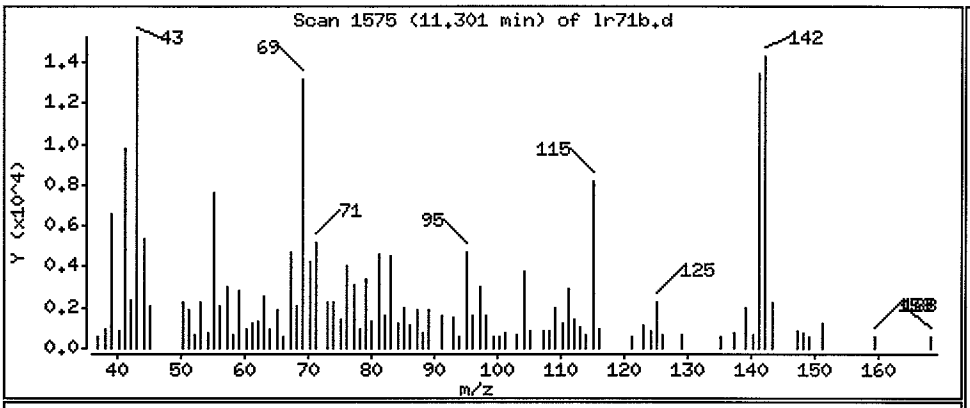
Client ID: AN-SS-02-070927 Instrument: nt6.i

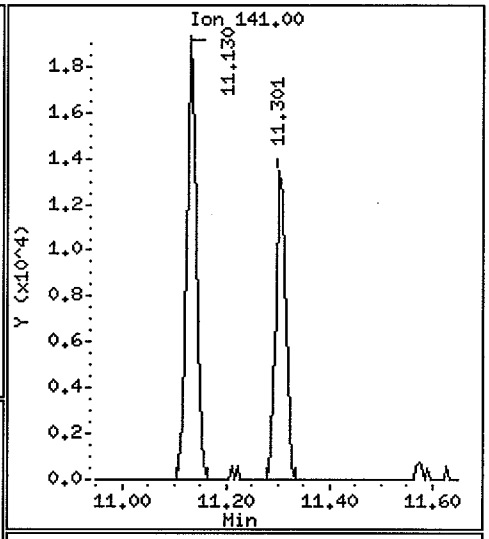
Sample Info: LR71B

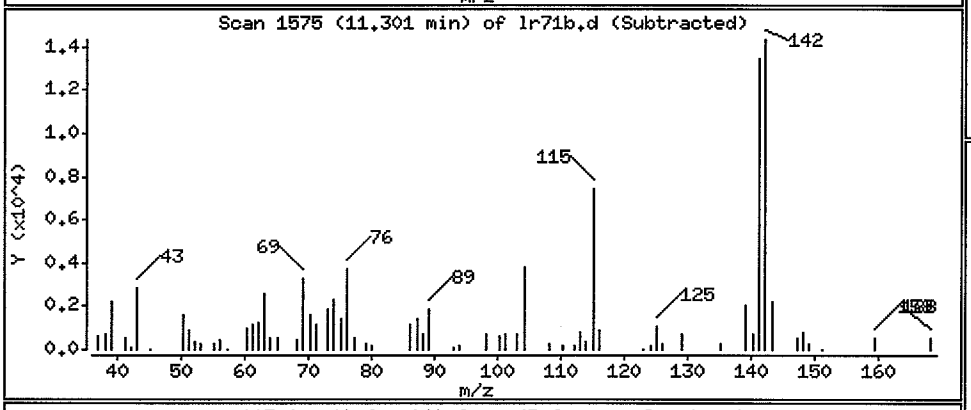
Volume Injected (uL): 1.0 Operator: LJR/VTS

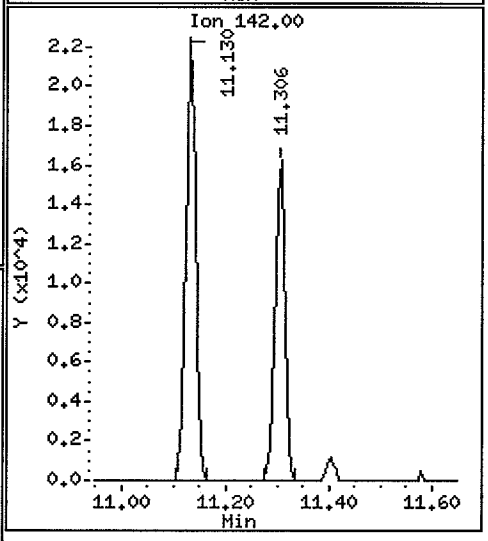
Column phase: ZB-5 Column diameter: 0.32

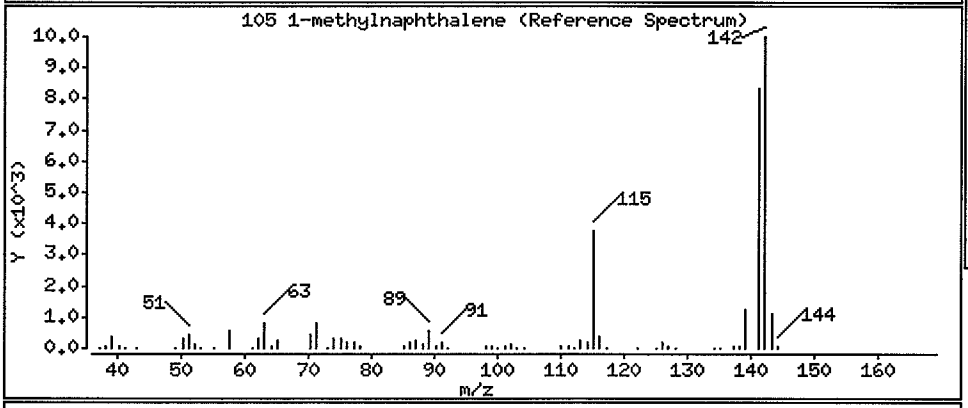
105 1-methylnaphthalene Concentration: 17.16 ug/kg

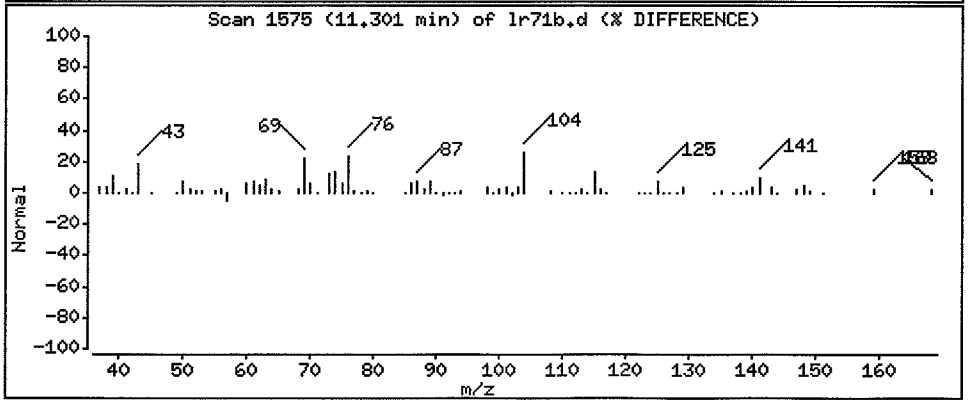












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-02-070927**
Page 1 of 2 **REEXTRACT**

Lab Sample ID: LR71B
LIMS ID: 07-20767
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 17:11
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 50.3%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**29**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**390**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**74**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**24**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**23**
83-32-9	Acenaphthene	20	< 20 U
132-64-9	**Dibenzofuran**	**20**	**21**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**22**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**210**
120-12-7	**Anthracene**	**20**	**41**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**340**
129-00-0	**Pyrene**	**20**	**170**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**59**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**79**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**70**
207-08-9	**Benzo(k)fluoranthene**	**20**	**70**
50-32-8	**Benzo(a)pyrene**	**20**	**72**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**29**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**27**

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-02-070927
REEXTRACT

Lab Sample ID: LR71B
LIMS ID: 07-20767
Matrix: Sediment
Date Analyzed: 11/01/07 17:11

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.6%	2-Fluorobiphenyl	57.6%
d14-p-Terphenyl	42.4%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	60.0%	2-Fluorophenol	47.5%
2,4,6-Tribromophenol	66.1%	d4-2-Chlorophenol	59.5%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71b2.d
Lab Smp Id: LR71BRE
Inj Date : 01-NOV-2007 17:11
Operator : VTS Inst ID: nt4.i
Smp Info : LR71BRE
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.838	4.748	(0.709)	200457	17.7525	355.1
$ 2	Phenol-d5	99	6.511	6.489	(0.954)	284850	22.5277	450.8
3	Phenol	94	6.527	6.505	(0.956)	22013	1.46654	29.33(M)
$ 5	2-Chlorophenol-d4	132	6.543	6.521	(0.959)	209002	22.2931	445.9
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	6.826	6.820	(1.000)	133446	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.125	7.114	(1.044)	77148	12.7890	255.8
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	7.697	7.686	(1.128)	199031	19.7197	394.4
$	18 Nitrobenzene-d5	82	7.777	7.771	(0.877)	182627	14.3541	287.1
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	8.717	8.813	(0.983)	46595	5.73624 LDL	114.7(M)
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.872	8.872	(1.000)	482322	20.0000	
	28 Naphthalene	128	8.898	8.899	(1.003)	109421	3.69529	73.91
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	10.015	10.015	(1.129)	18048	1.19648	23.93
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.677	10.677	(0.914)	260581	14.4143	288.3
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	11.431	11.431	(0.978)	30331	1.18456	23.69
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.682	11.682	(1.000)	261814	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	11.724	11.730	(1.004)	9874	0.58090 LDL	11.62(M)
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	11.992	11.992	(1.027)	23010	1.03939	20.79
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	12.579	12.585	(1.077)	12626	0.69110 LDL	13.82(M)
	49 Fluorene	166	12.536	12.537	(1.073)	21096	1.11675	22.33(M)
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.959	12.953	(1.109)	55802	24.7591	495.2
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.006	14.000	(1.000)	419690	20.0000	
	60 Phenanthrene	178	14.038	14.032	(1.002)	310950	10.7203	214.4
	61 Anthracene	178	14.107	14.102	(1.007)	60846	2.07450	41.49
	62 Carbazole	167	14.428	14.412	(1.030)	13001	0.51806 LDL	10.36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	63 Di-n-butylphthalate	149	15.218	15.197	(1.087)	27338	0.90626 LDL	18.13 (M)
	64 Fluoranthene	202	15.950	15.923	(1.139)	534455	17.0191	340.4
	65 Pyrene	202	16.287	16.260	(0.892)	451625	8.47288	169.5
$	66 Terphenyl-d14	244	16.661	16.634	(0.912)	326889	10.6233	212.5
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	18.231	18.199	(0.999)	145996	2.95349	59.07
*	69 Chrysene-d12	240	18.258	18.221	(1.000)	665106	20.0000	(M)
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	18.295	18.258	(1.002)	192725	3.96358	79.27
	72 bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
*	134 Di-n-octylphthalate-d4	153	19.540	19.503	(1.000)	693549	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	19.882	19.818	(0.975)	118644	3.50681	70.14 (M)
	75 Benzo(k)fluoranthene	252	19.882	19.850	(0.975)	125788	3.51953	70.39 (M)
	76 Benzo(a)pyrene	252	20.304	20.245	(0.996)	109122	3.62168	72.43 (H)
*	77 Perylene-d12	264	20.384	20.325	(1.000)	496914	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	21.714	21.661	(1.065)	48700	1.47051	29.41 (M)
	79 Dibenzo(a,h)anthracene	278	21.752	21.693	(1.067)	14713	0.54092 LDL	10.82 (M)
	80 Benzo(g,h,i)perylene	276	22.024	21.944	(1.080)	39917	1.33813	26.76 (M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	10.181	10.181	(1.148)	11824	0.77404 LDL	15.48
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71b2.d
Lab Smp Id: LR71BRE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

Calibration Date: 01-NOV-2007
Calibration Time: 14:35

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	133446	-8.21
27 Naphthalene-d8	530525	265262	1061050	482322	-9.09
42 Acenaphthene-d10	280701	140350	561402	261814	-6.73
59 Phenanthrene-d10	391934	195967	783868	419690	7.08
69 Chrysene-d12	354658	177329	709316	665106	87.53
134 Di-n-octylphthala	506314	253157	1012628	693549	36.98
77 Perylene-d12	400782	200391	801564	496914	23.99

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.83	0.08
27 Naphthalene-d8	8.87	8.37	9.37	8.87	0.00
42 Acenaphthene-d10	11.68	11.18	12.18	11.68	0.00
59 Phenanthrene-d10	14.00	13.50	14.50	14.01	0.04
69 Chrysene-d12	18.22	17.72	18.72	18.26	0.20
134 Di-n-octylphthala	19.50	19.00	20.00	19.54	0.19
77 Perylene-d12	20.33	19.83	20.83	20.38	0.29

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

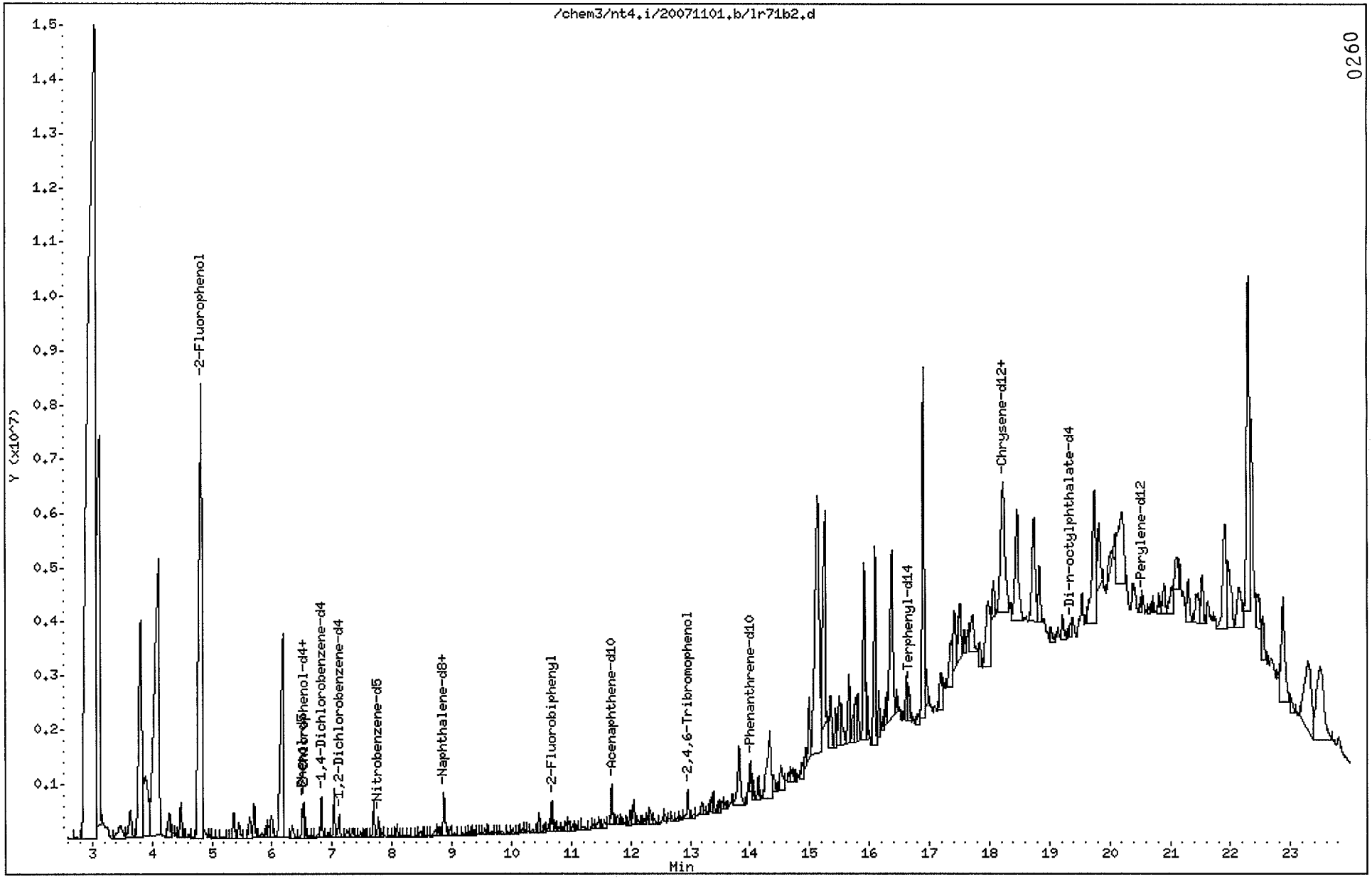
RECOVERY REPORT

Client Name: Client SDG: 20071101
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LR71BRE
Level: LOW Operator: VTS
Data Type: MS DATA SampleType: SAMPLE
SpikeList File: PSDDALCS.spk Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	355.1	47.34	11-84
$ 2 Phenol-d5	750.0	450.8	60.10	25-86
$ 5 2-Chlorophenol-d4	750.0	445.9	59.45	23-91
$ 10 1,2-Dichlorobenzen	500.0	255.8	51.16	24-90
$ 18 Nitrobenzene-d5	500.0	287.1	57.42	26-88
$ 36 2-Fluorobiphenyl	500.0	288.3	57.66	34-91
$ 55 2,4,6-Tribromophen	750.0	495.2	66.02	25-107
$ 66 Terphenyl-d14	500.0	212.5	42.49	22-100

Data File: /chem3/nt4.i/20071101.b/lr71b2.d
Date : 01-NOV-2007 17:11
Client ID:
Sample Info: LR71BRE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

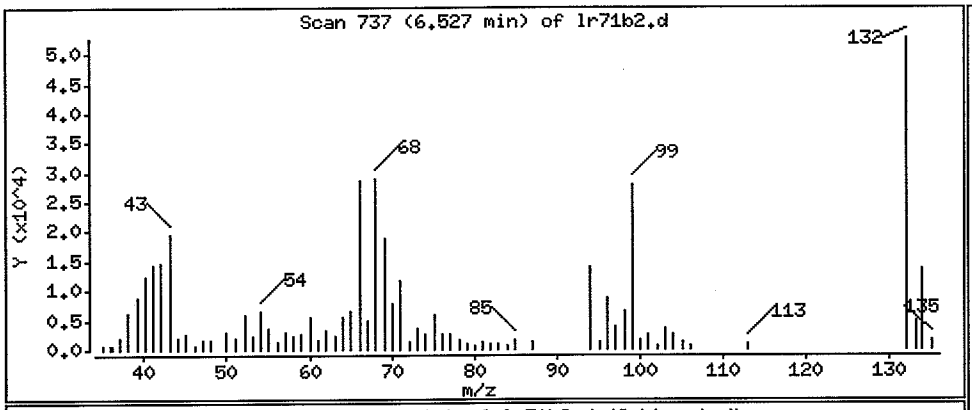
Operator: VTS

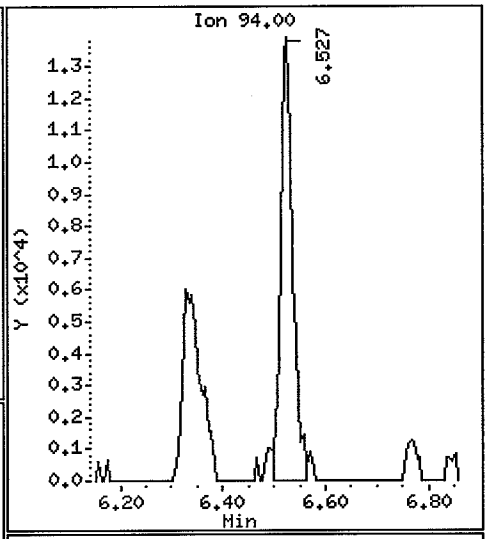
Column phase: ZB-5

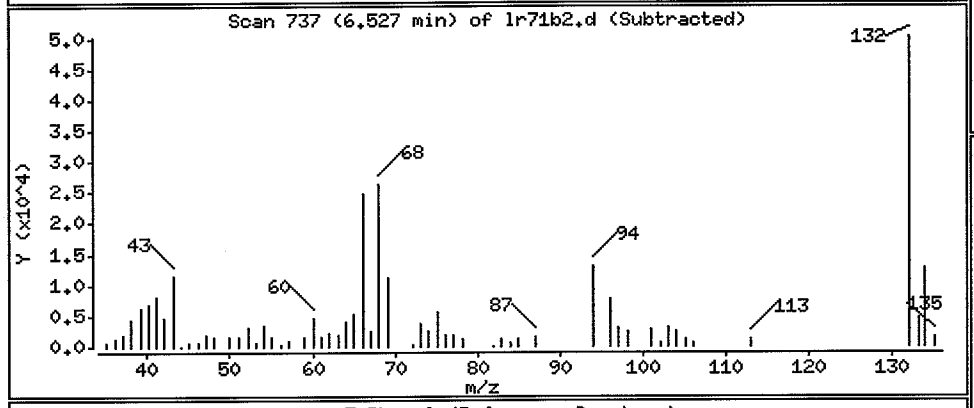
Column diameter: 0.32

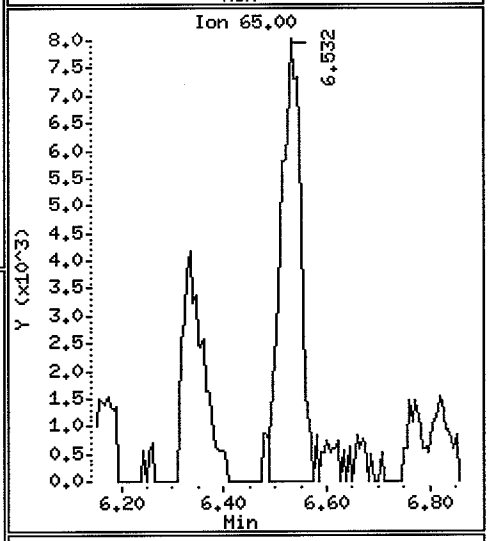
3 Phenol

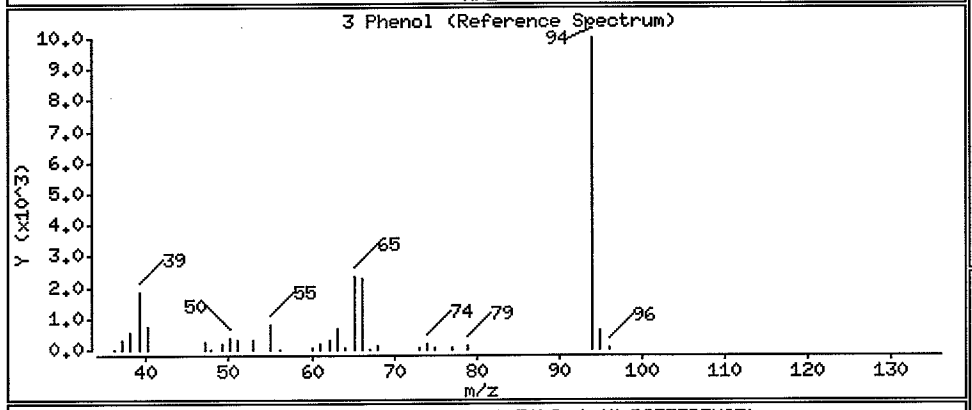
Concentration: 29.33 ug/Kg

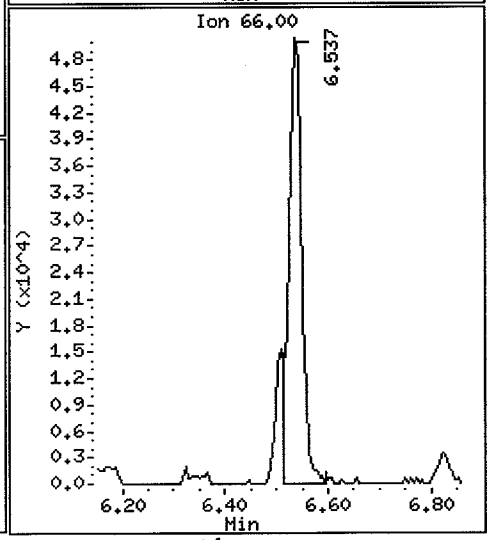


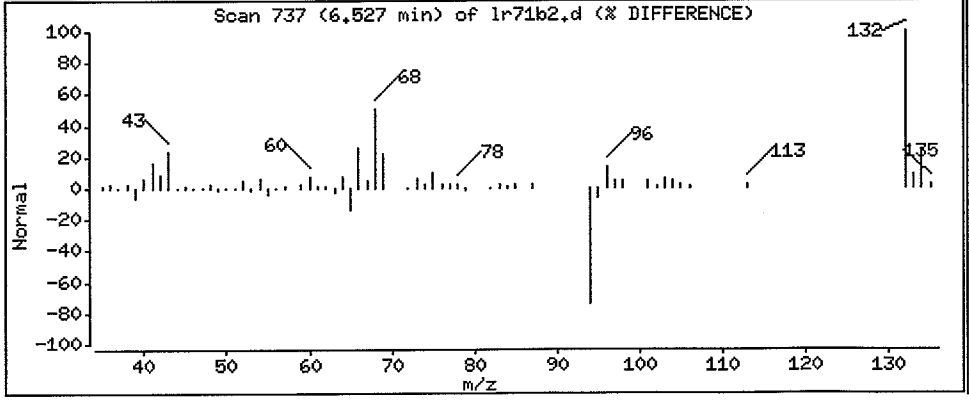












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

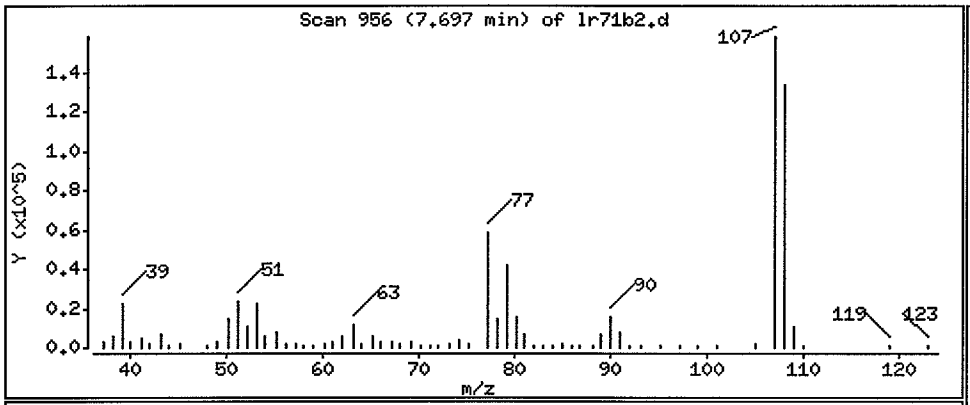
Operator: VTS

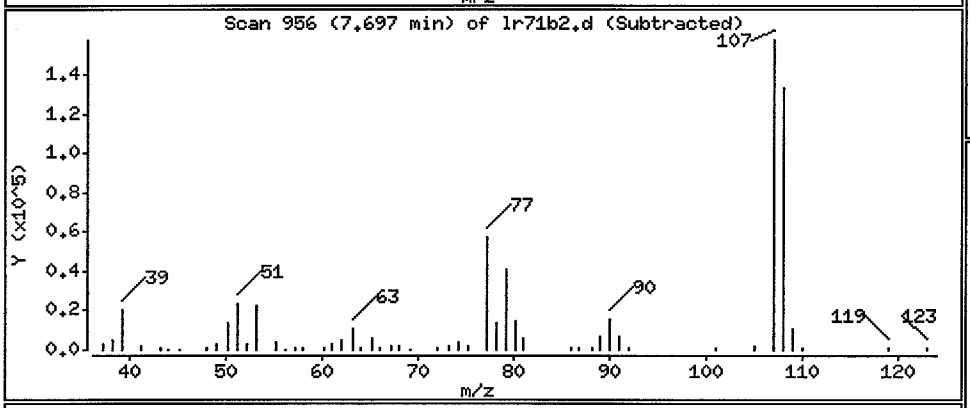
Column phase: ZB-5

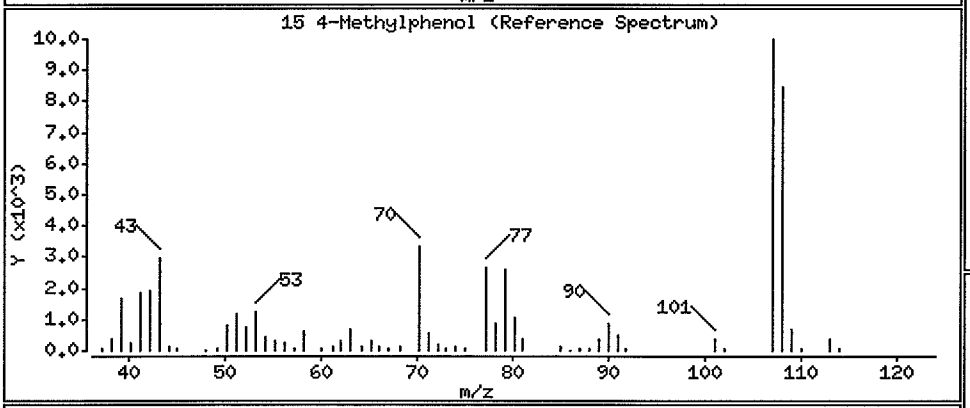
Column diameter: 0.32

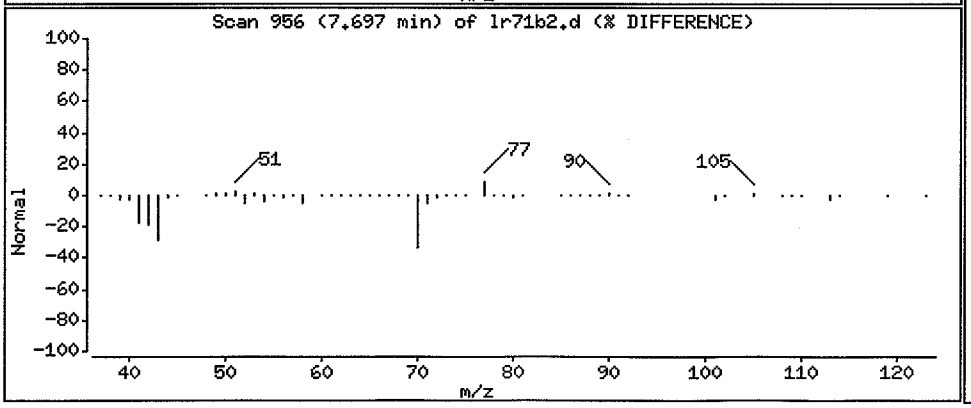
15 4-Methylphenol

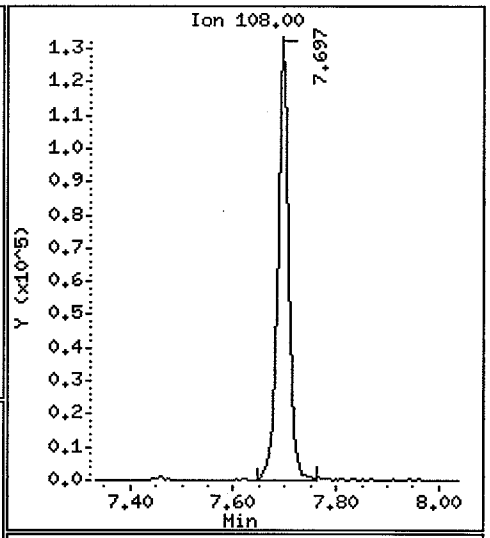
Concentration: 394.4 ug/Kg

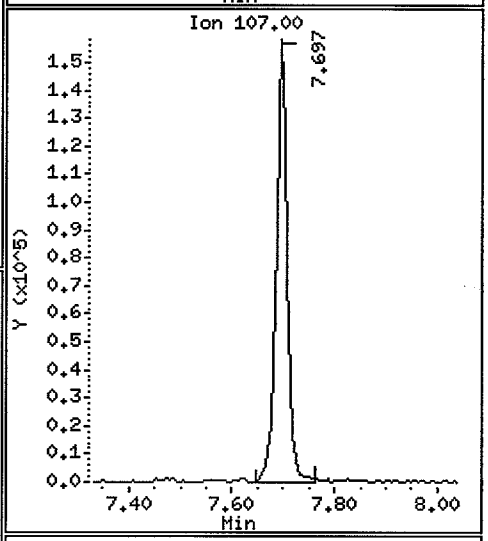


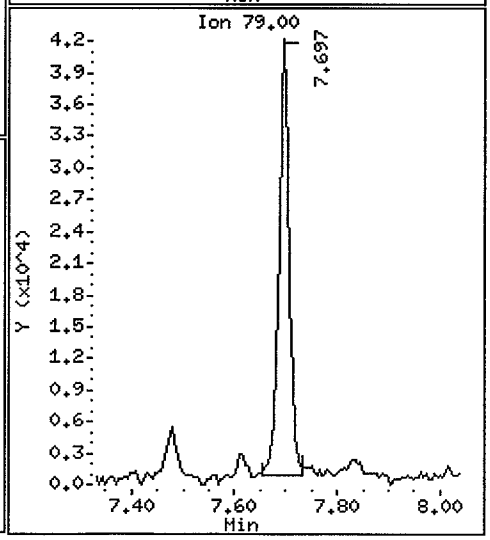












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

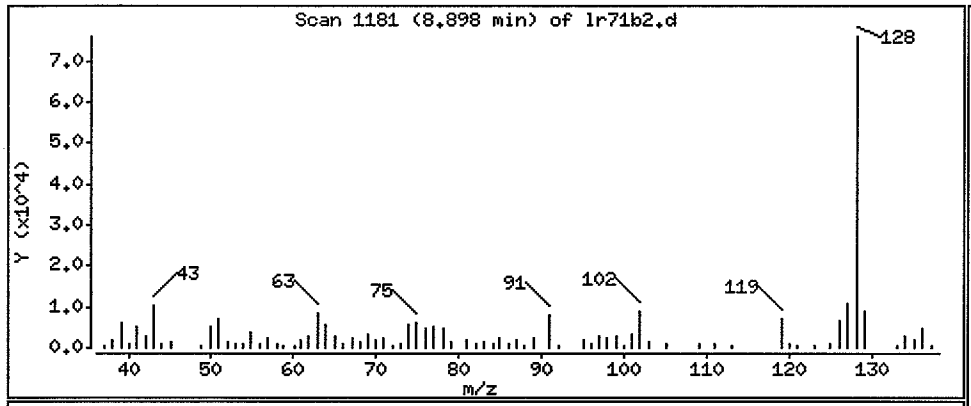
Operator: VTS

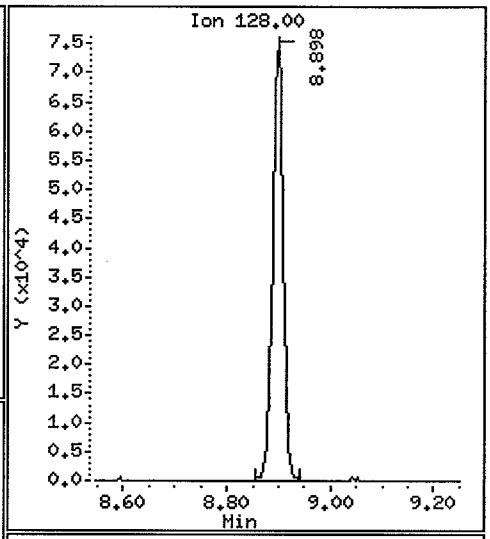
Column phase: ZB-5

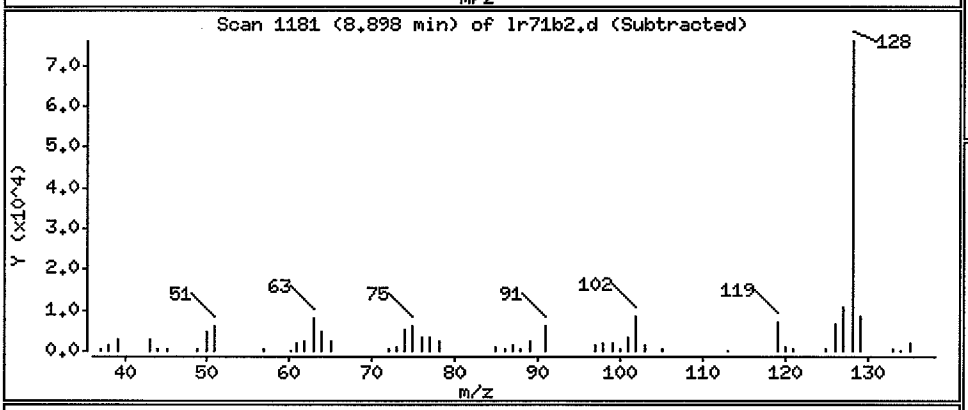
Column diameter: 0.32

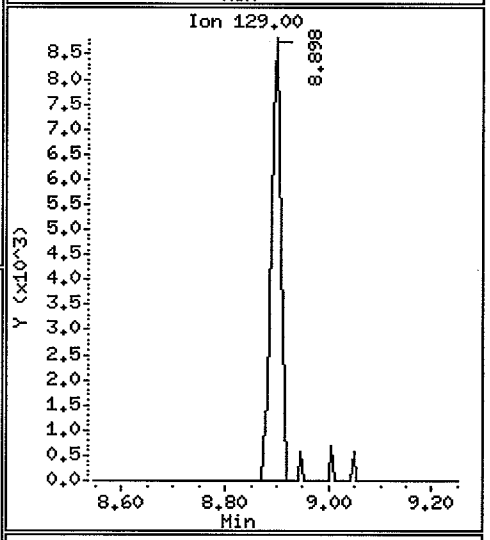
28 Naphthalene

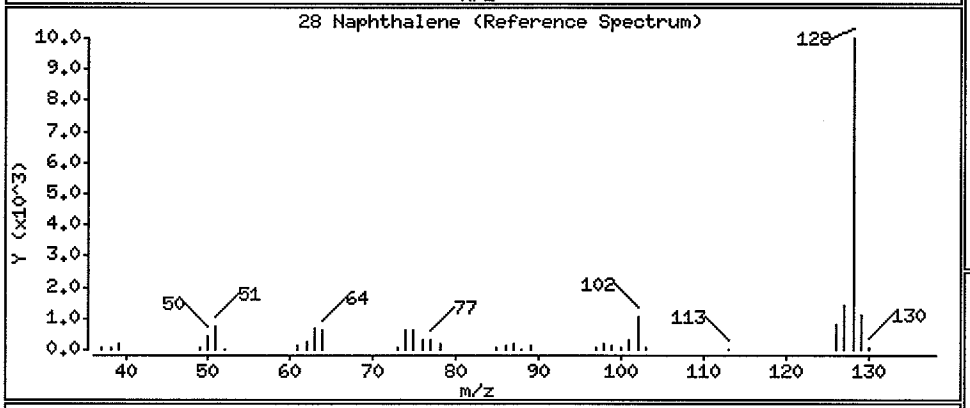
Concentration: 73.91 ug/Kg

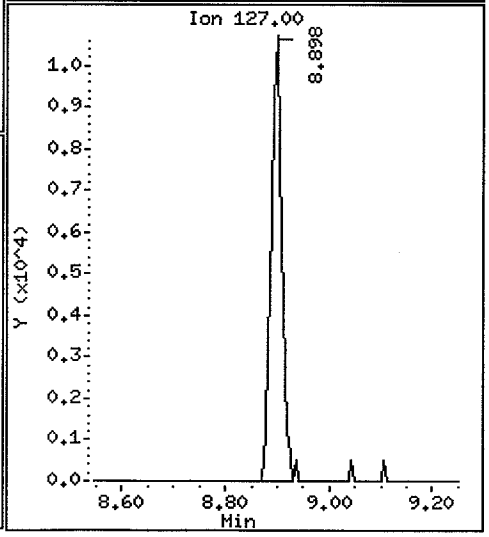


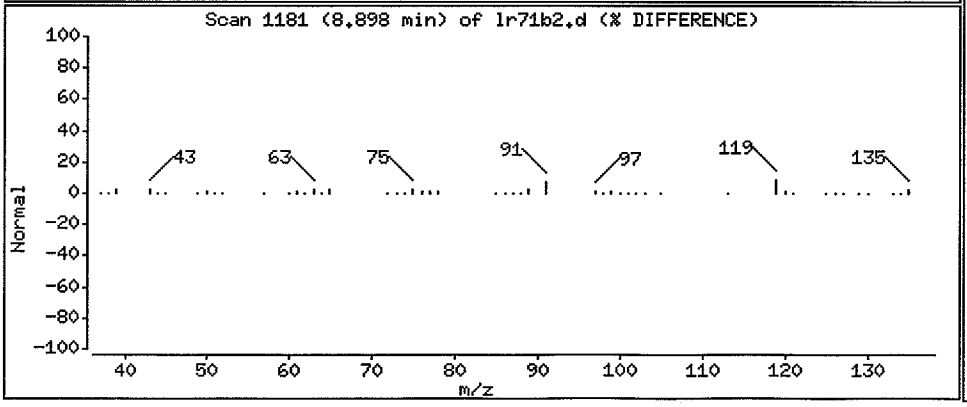












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

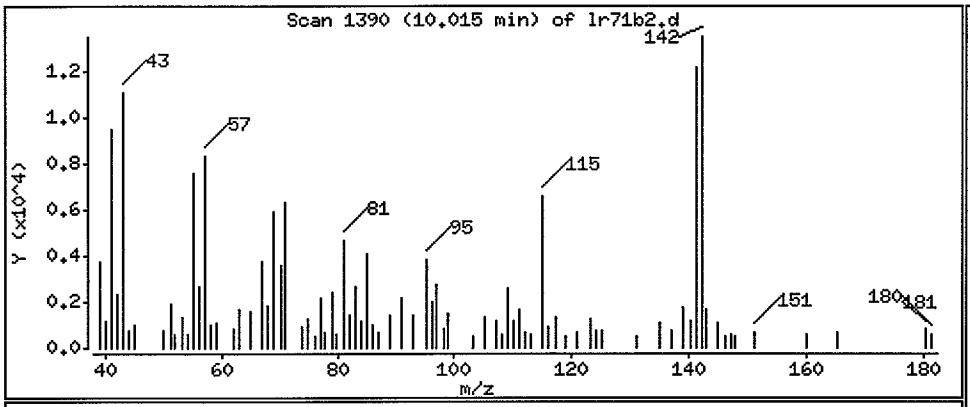
Operator: VTS

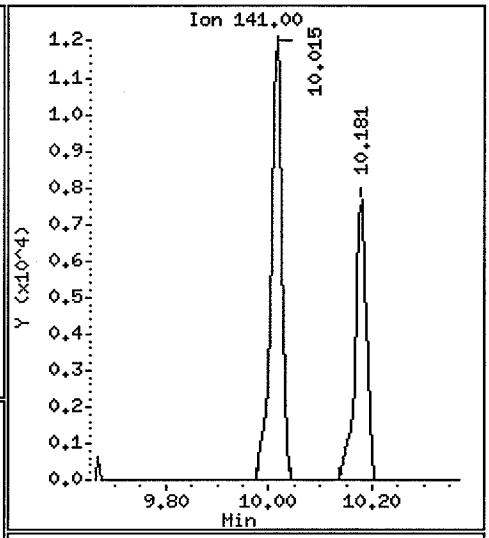
Column phase: ZB-5

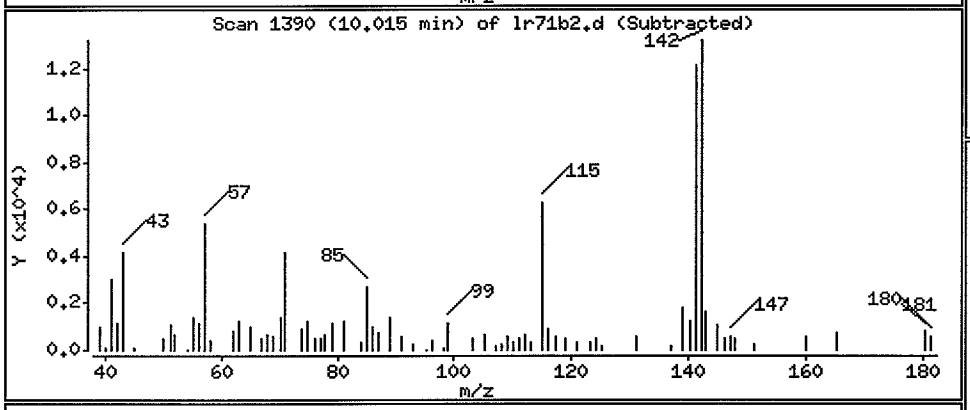
Column diameter: 0.32

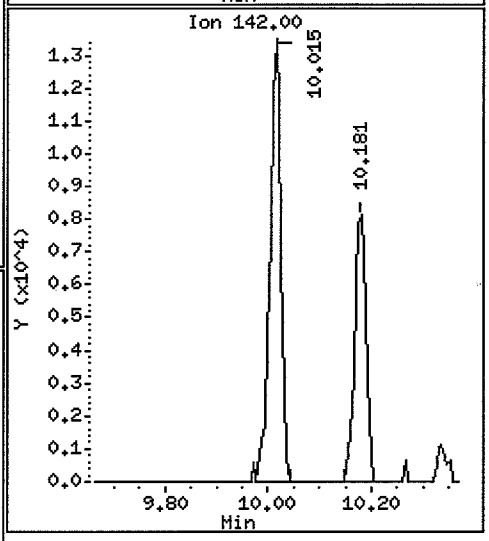
32 2-Methylnaphthalene

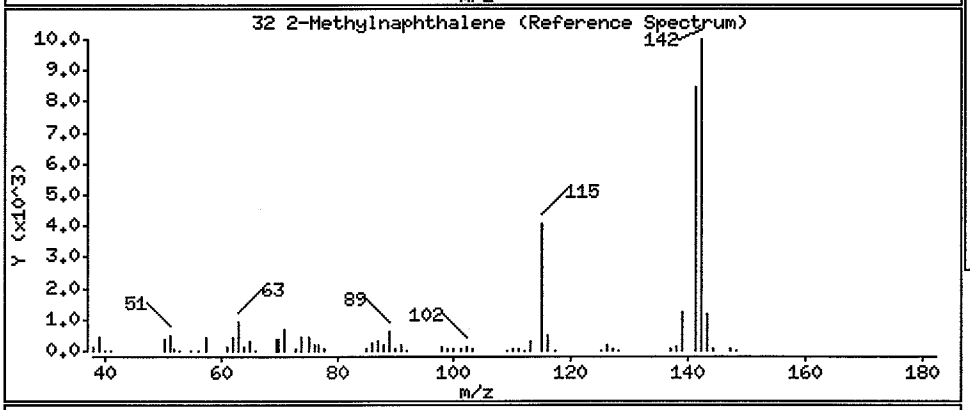
Concentration: 23.93 ug/Kg

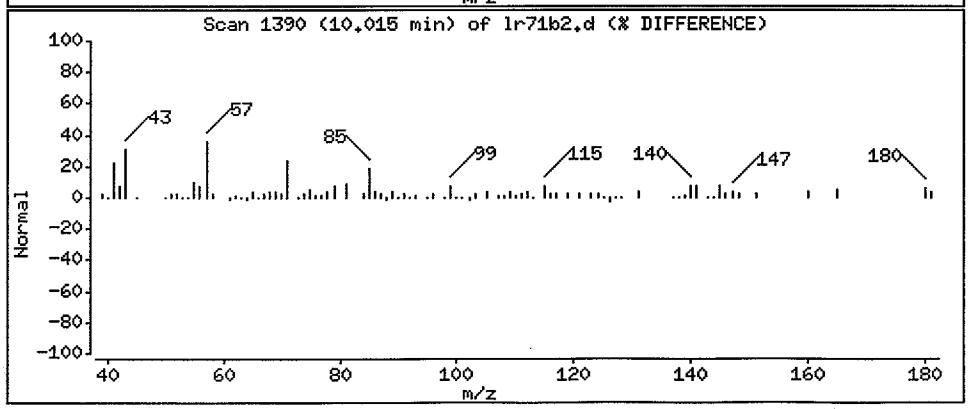












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

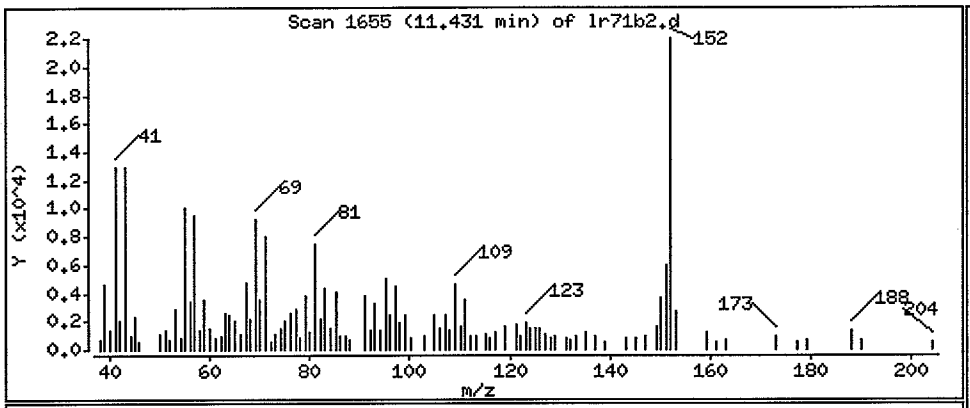
Operator: VTS

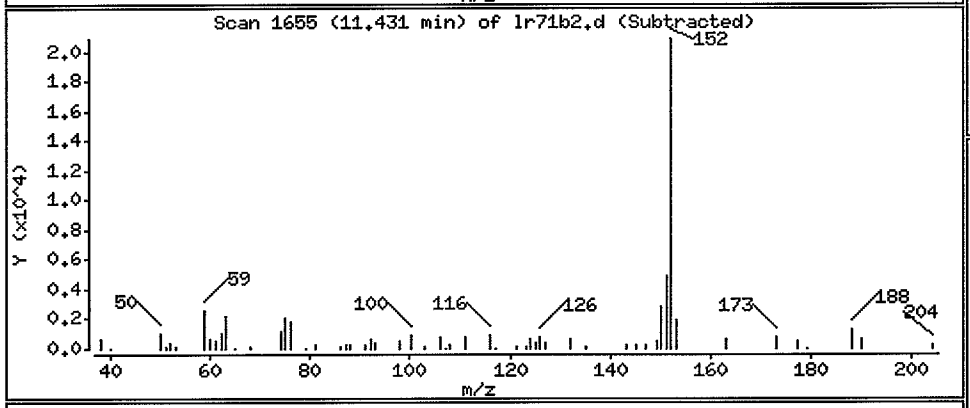
Column phase: ZB-5

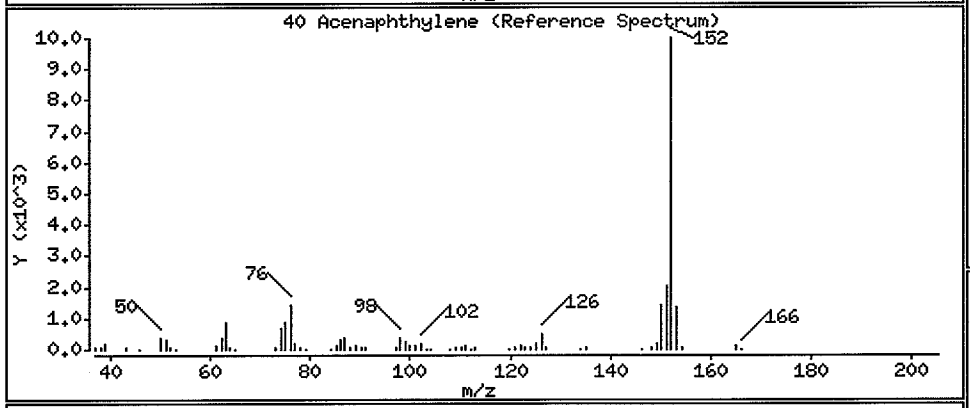
Column diameter: 0.32

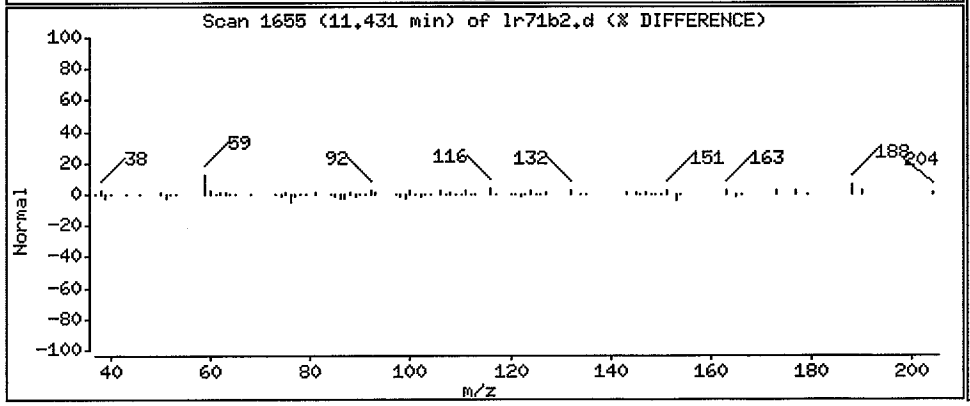
40 Acenaphthylene

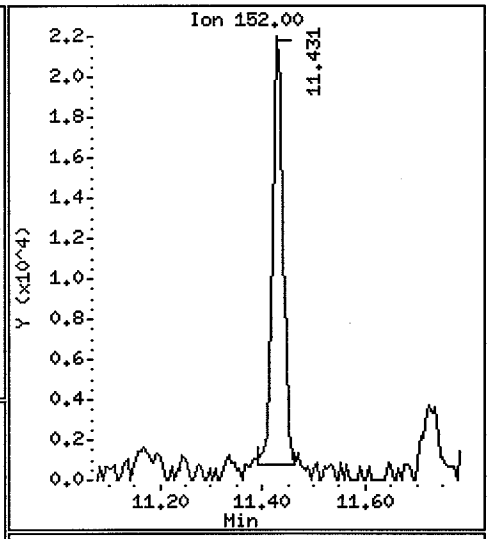
Concentration: 23.69 ug/Kg

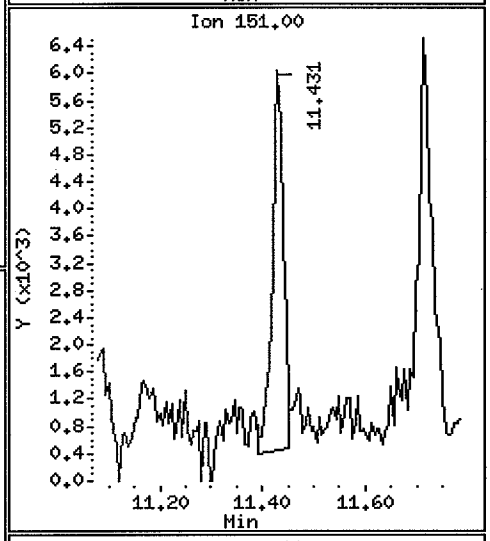


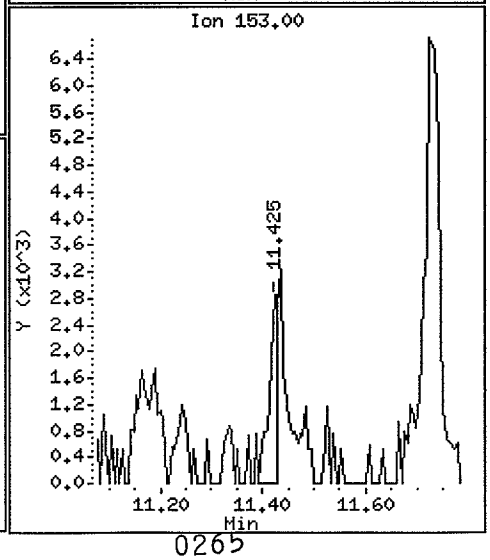












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

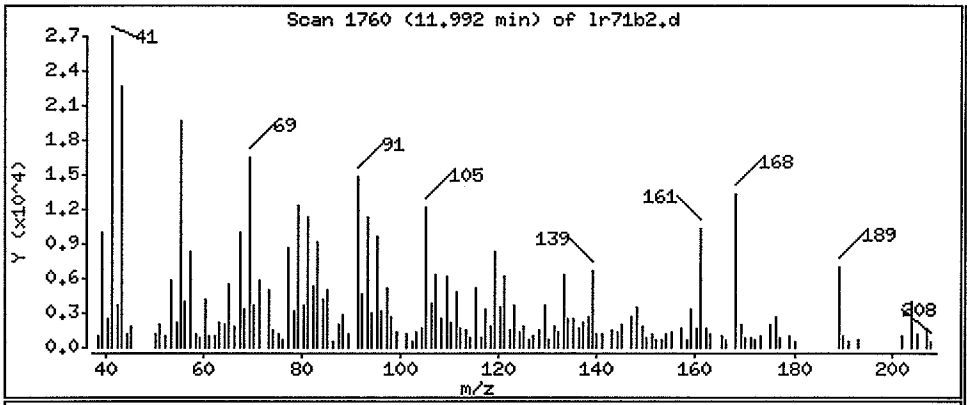
Operator: VTS

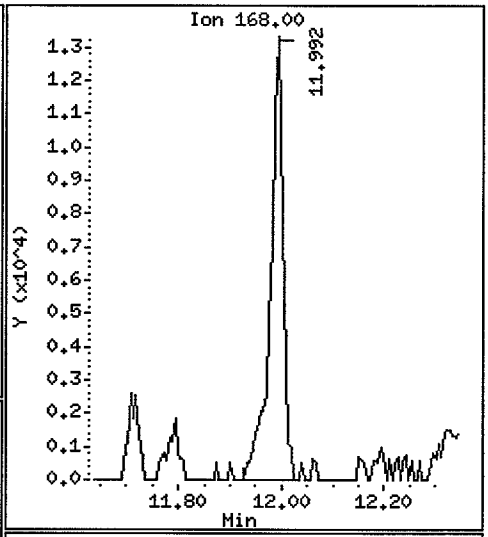
Column phase: ZB-5

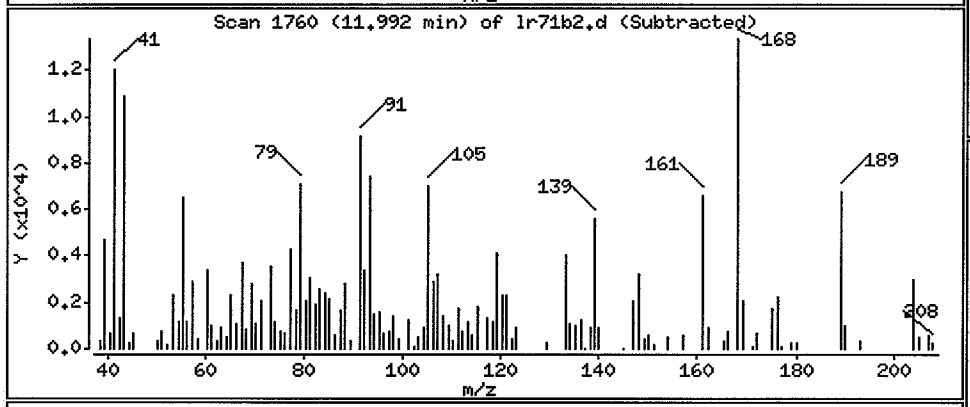
Column diameter: 0.32

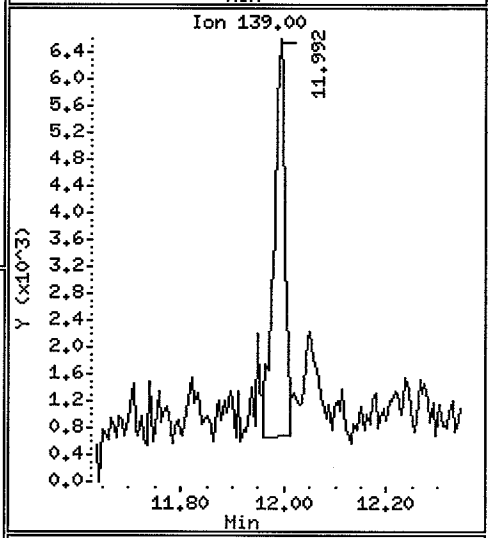
46 Dibenzofuran

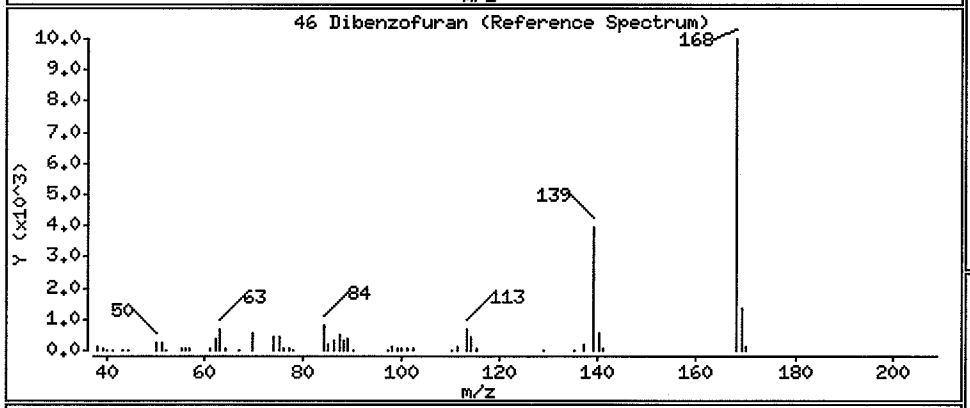
Concentration: 20.79 ug/Kg

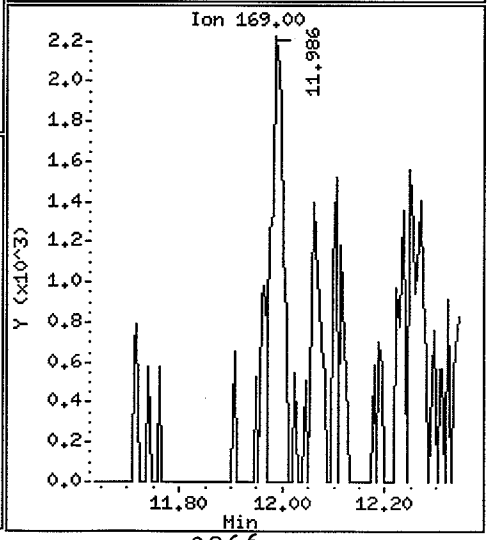


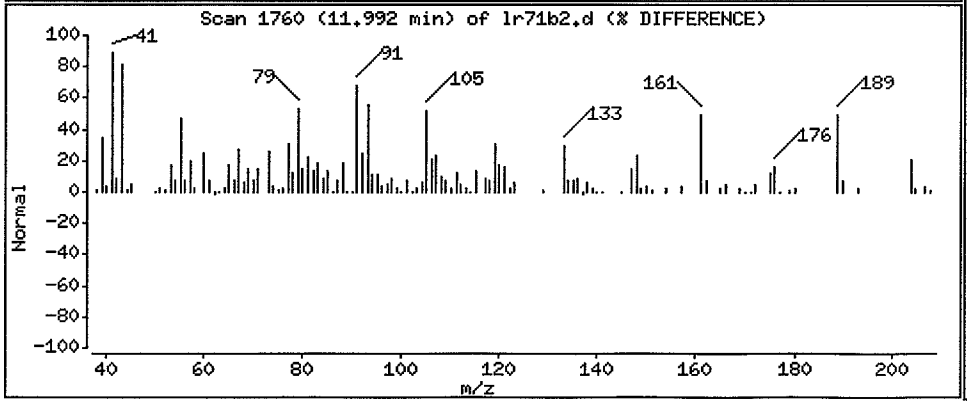












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

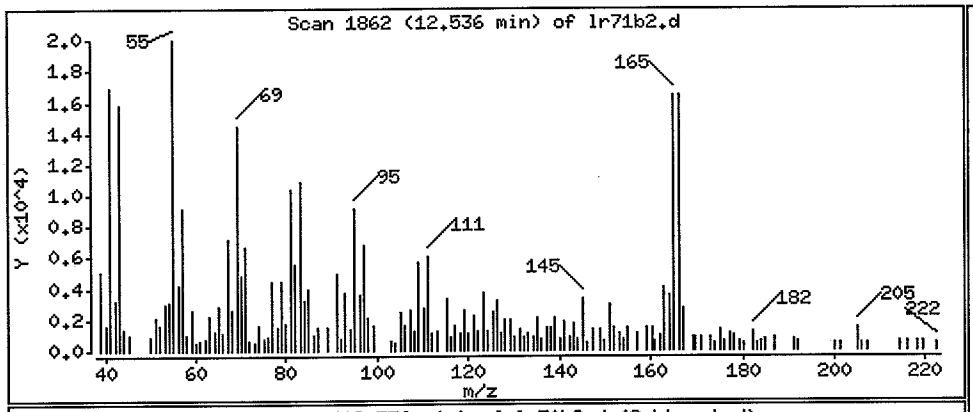
Operator: VTS

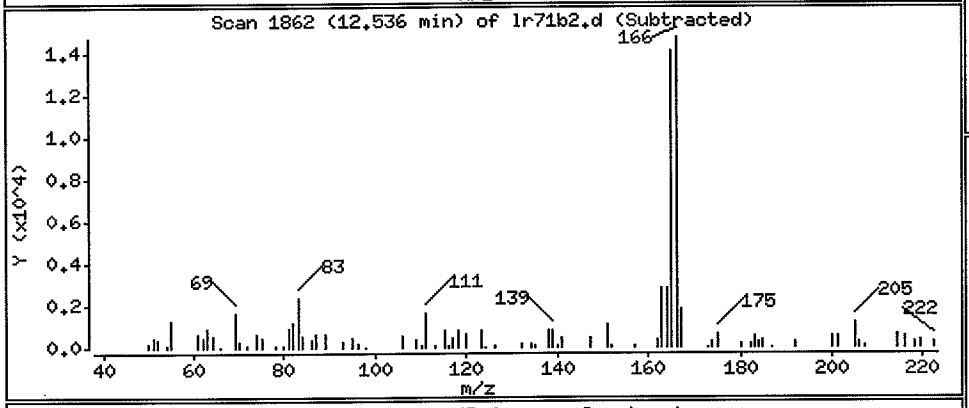
Column phase: ZB-5

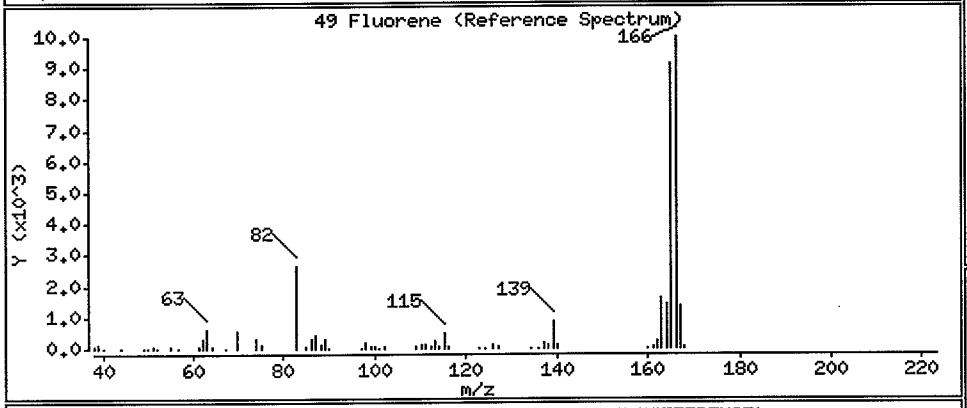
Column diameter: 0.32

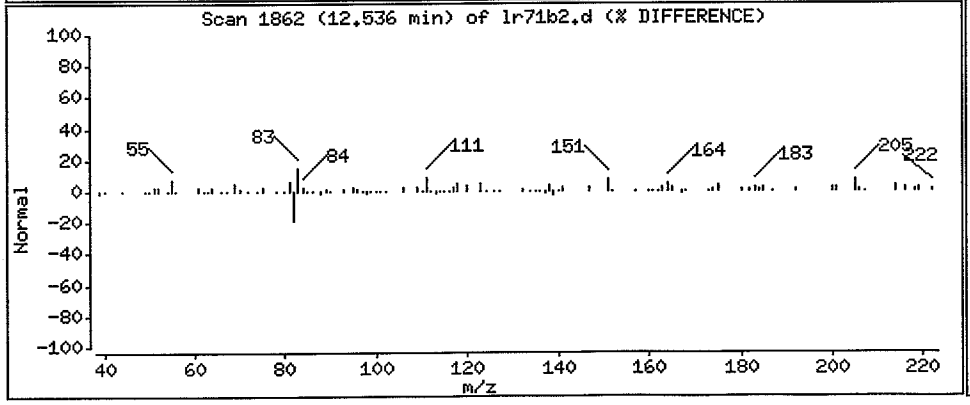
49 Fluorene

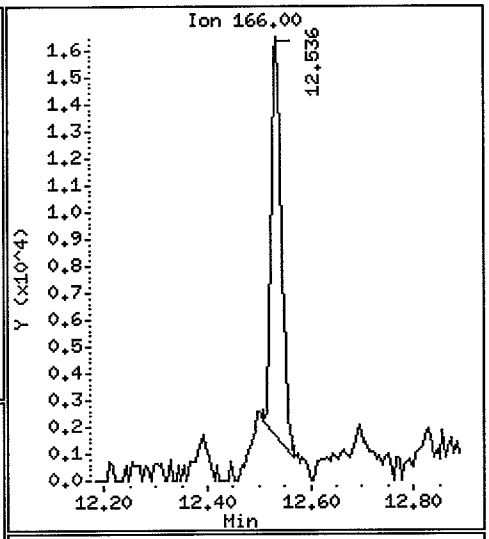
Concentration: 22.33 ug/Kg

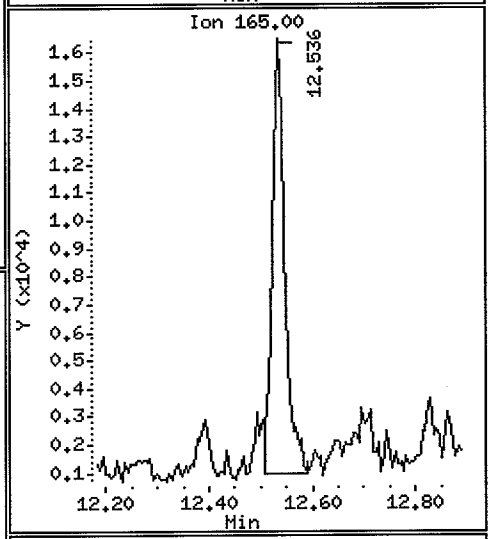


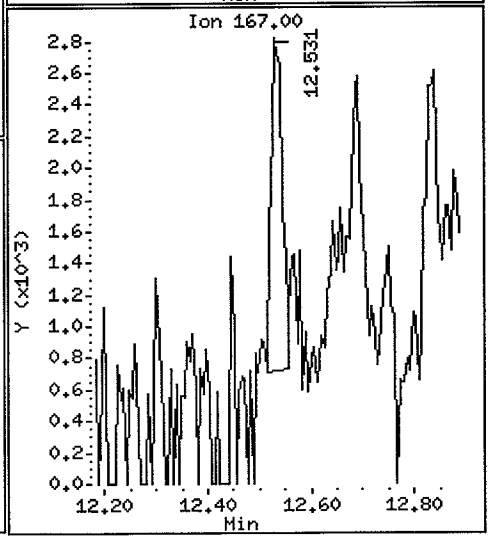












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

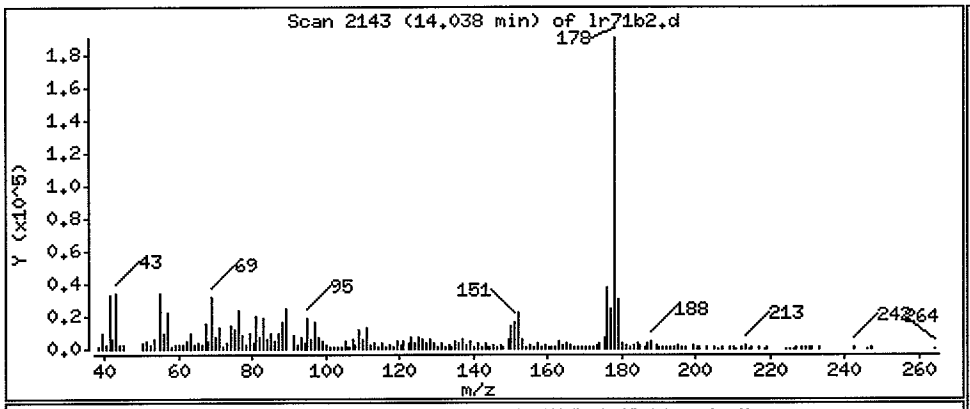
Operator: VTS

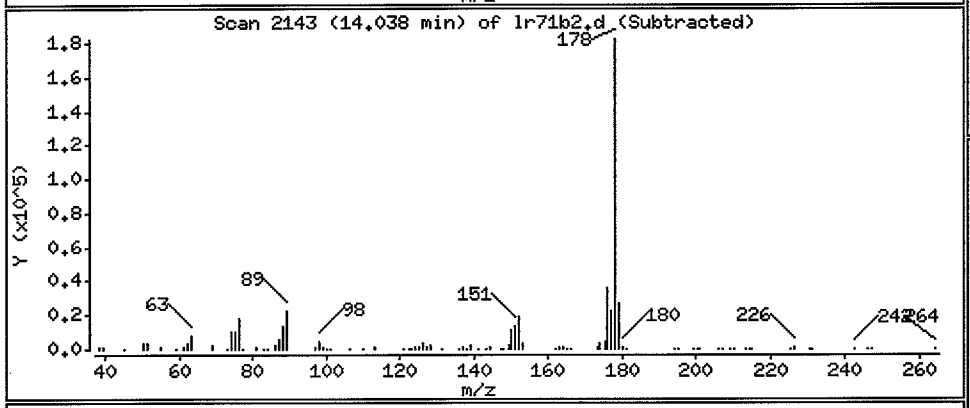
Column phase: ZB-5

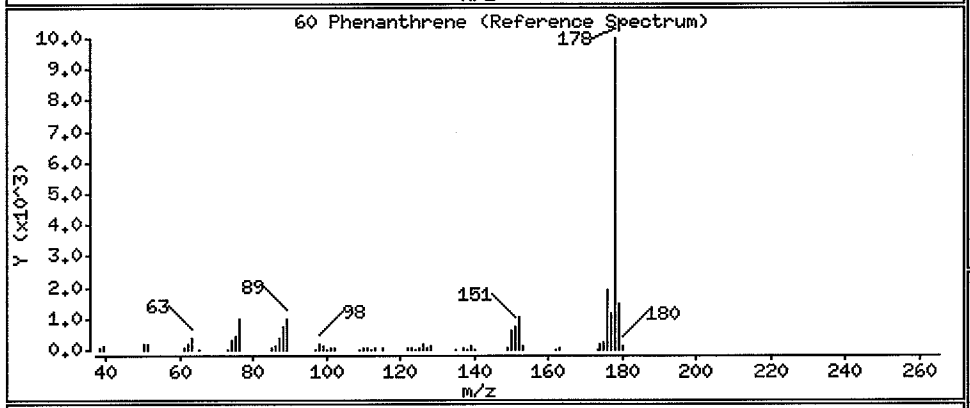
Column diameter: 0.32

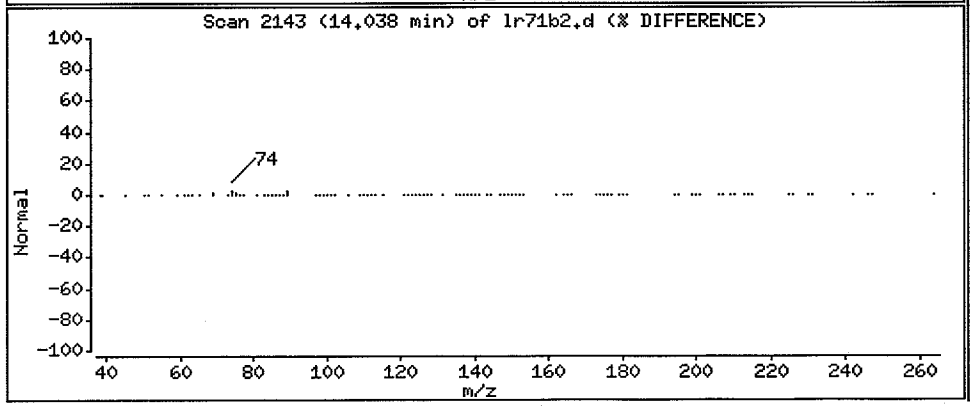
60 Phenanthrene

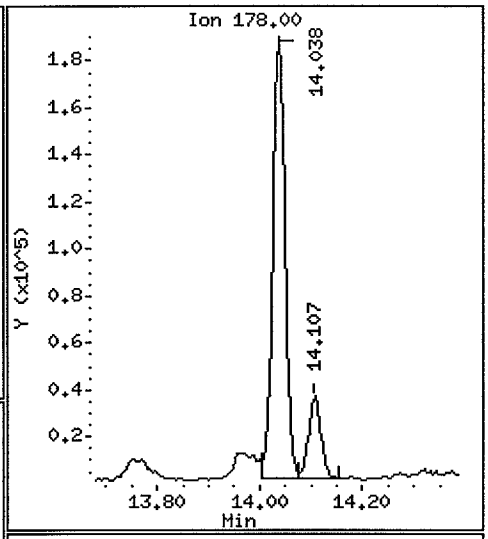
Concentration: 214.4 ug/Kg

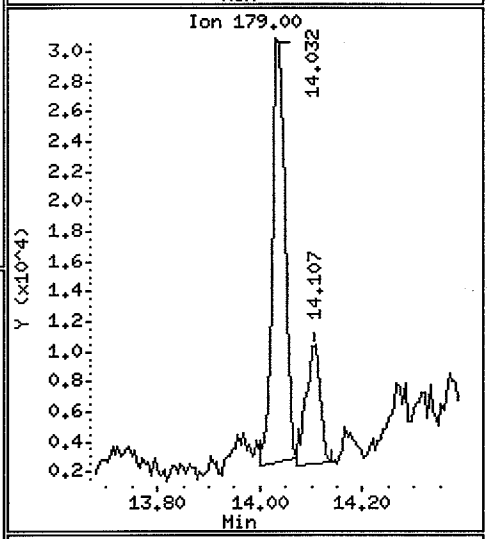


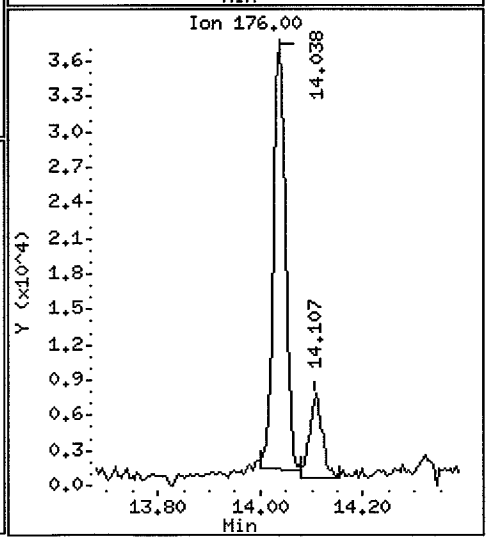












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

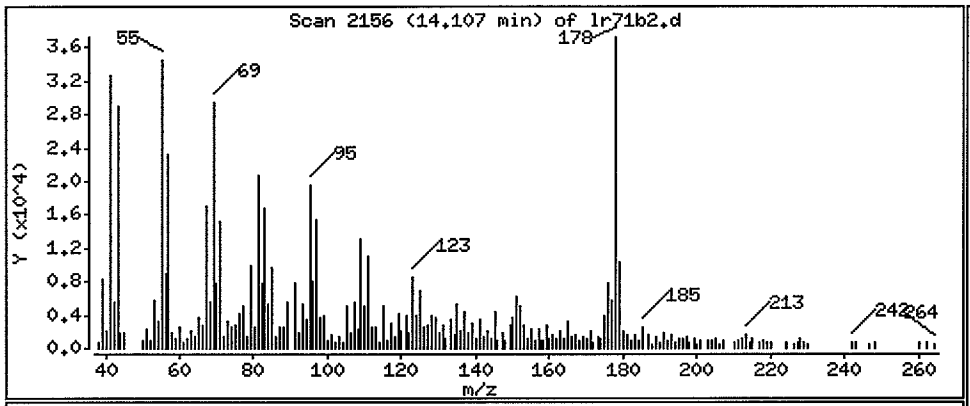
Operator: VTS

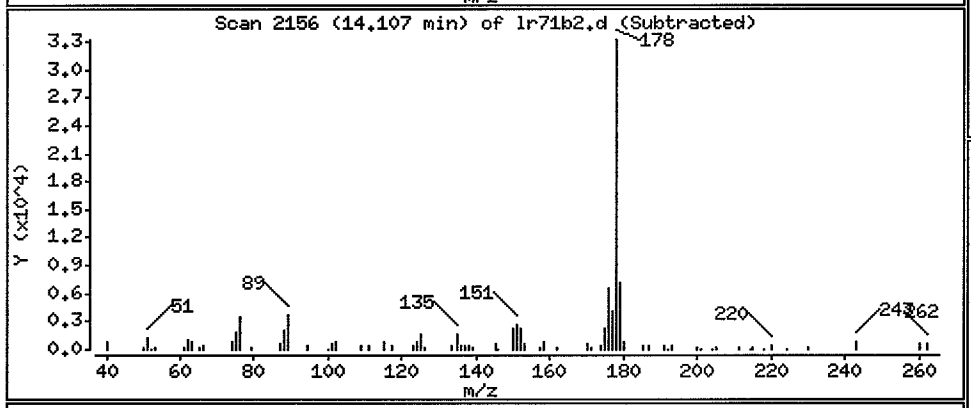
Column phase: ZB-5

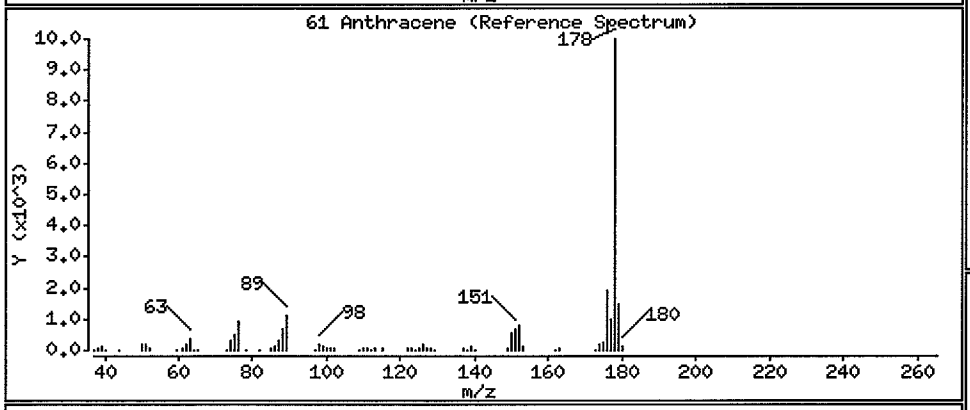
Column diameter: 0.32

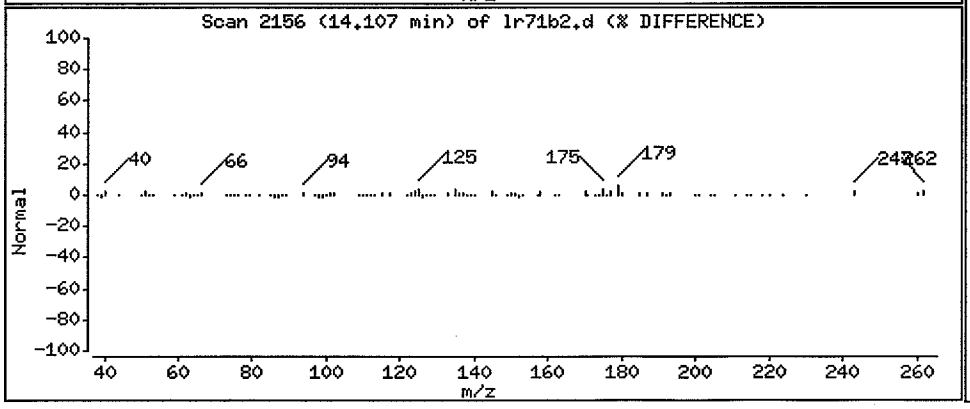
61 Anthracene

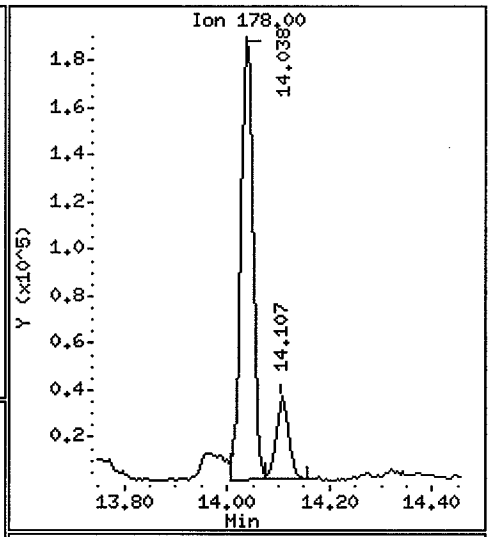
Concentration: 41.49 ug/Kg

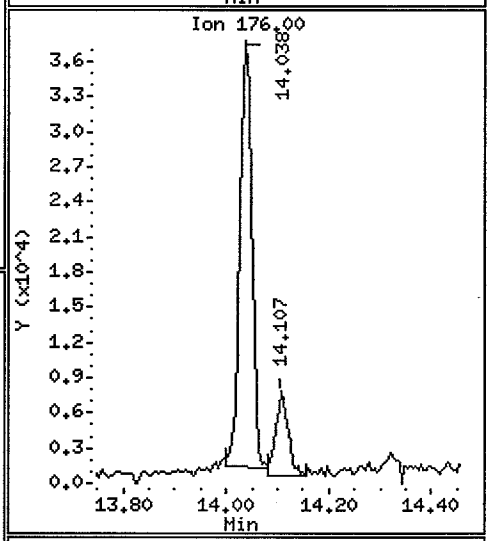


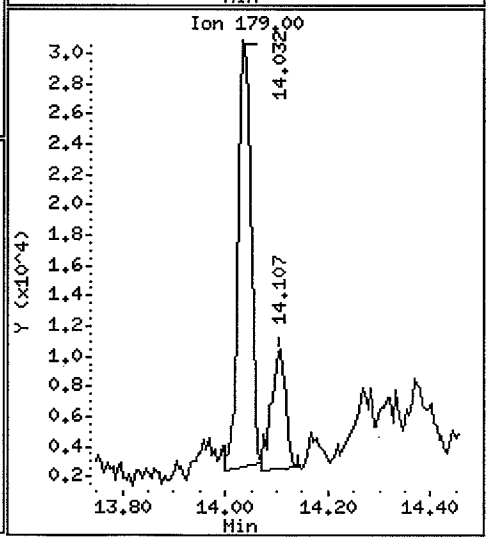












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

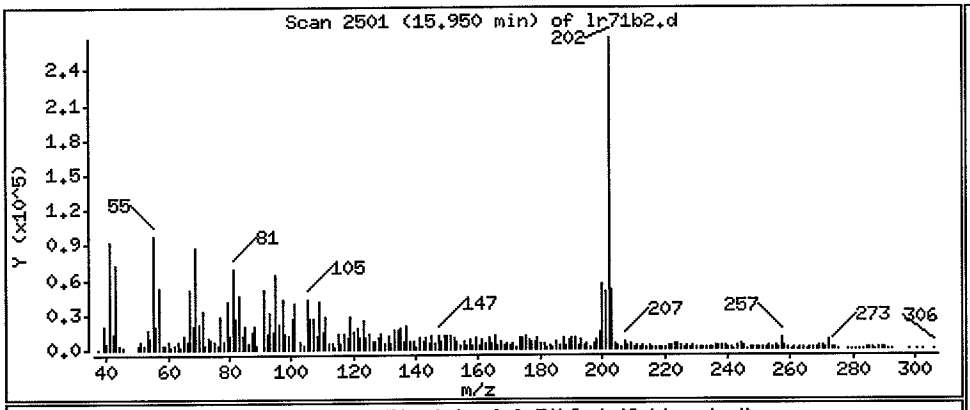
Operator: VTS

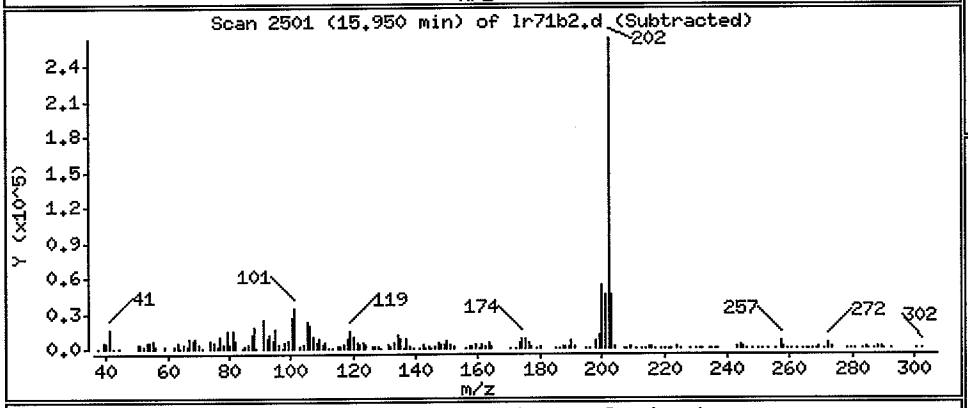
Column phase: ZB-5

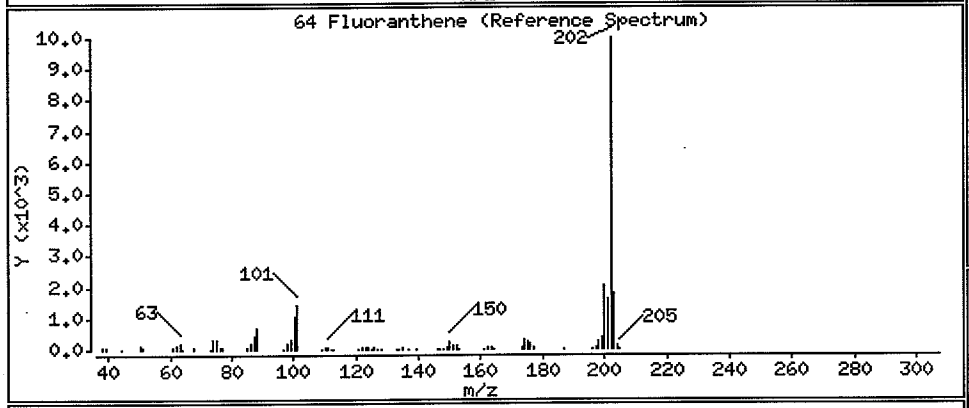
Column diameter: 0.32

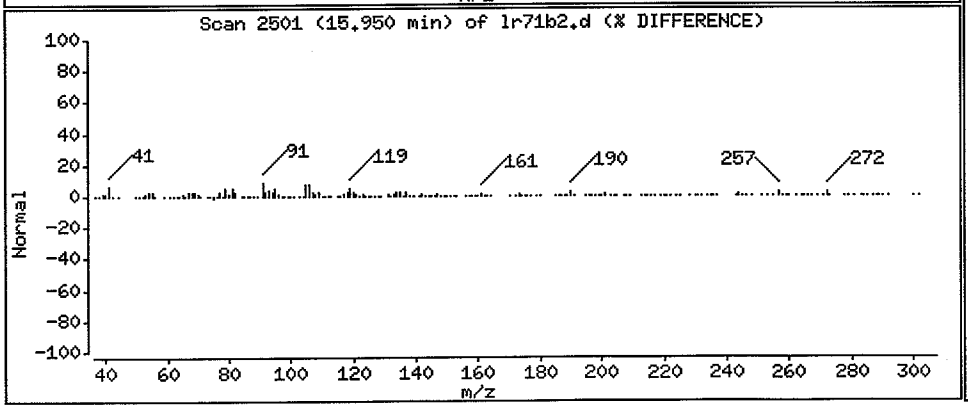
64 Fluoranthene

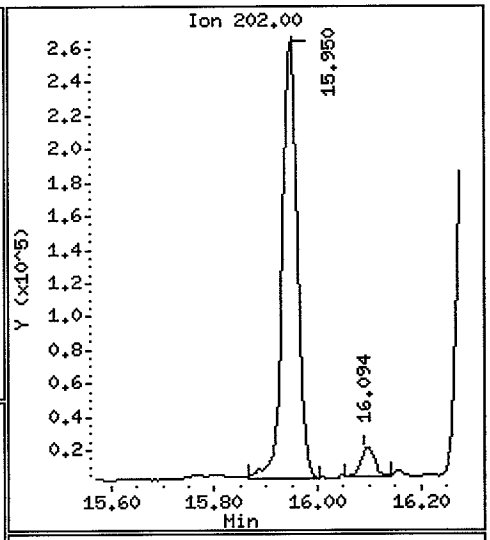
Concentration: 340.4 ug/Kg

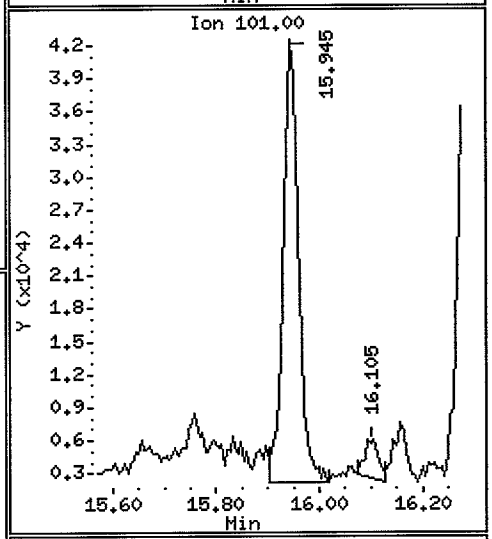


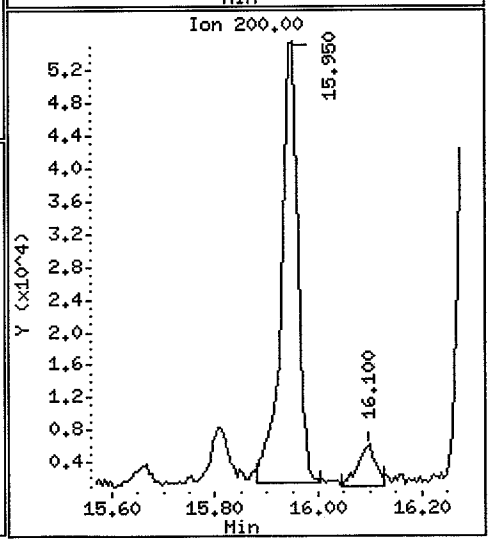












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

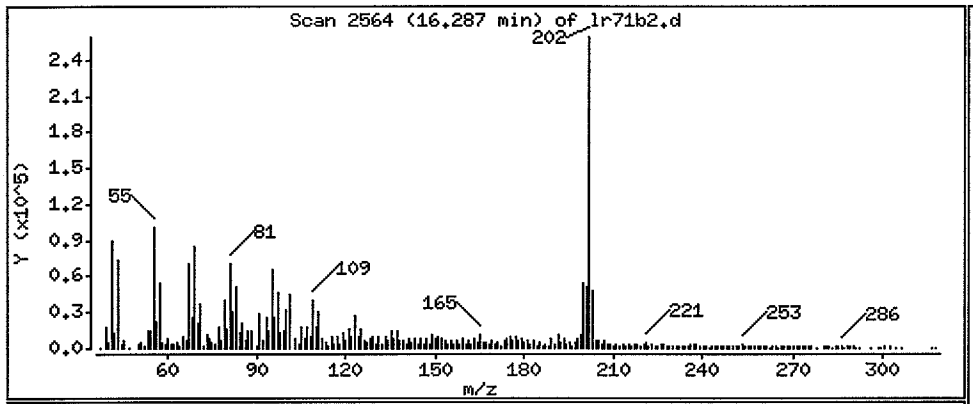
Operator: VTS

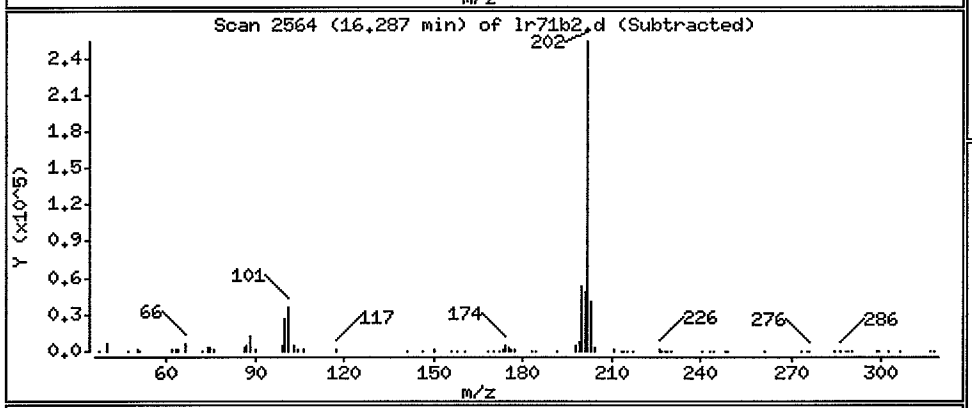
Column phase: ZB-5

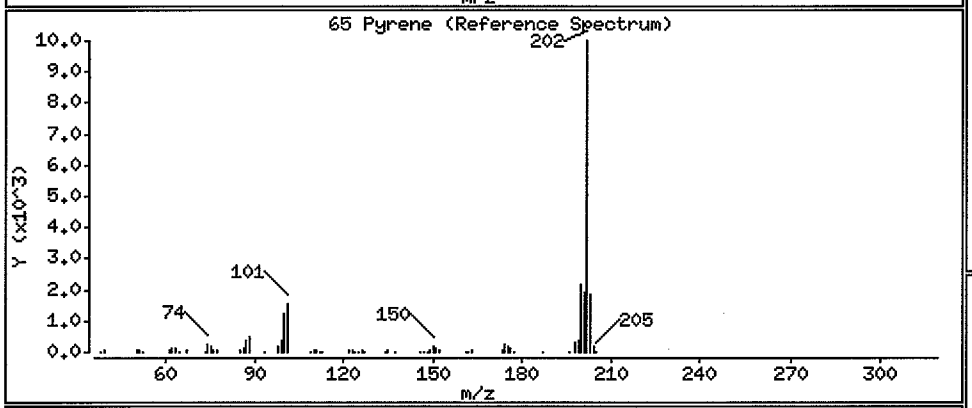
Column diameter: 0.32

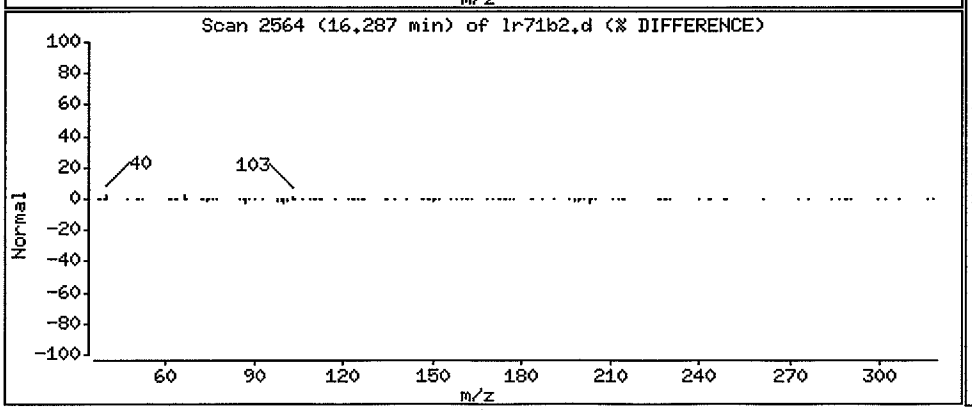
65 Pyrene

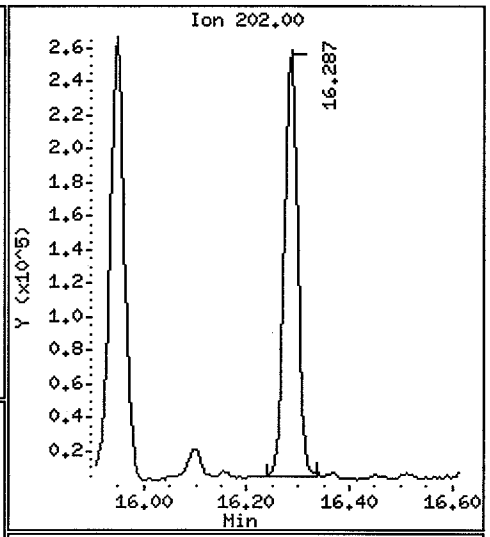
Concentration: 169.5 ug/Kg

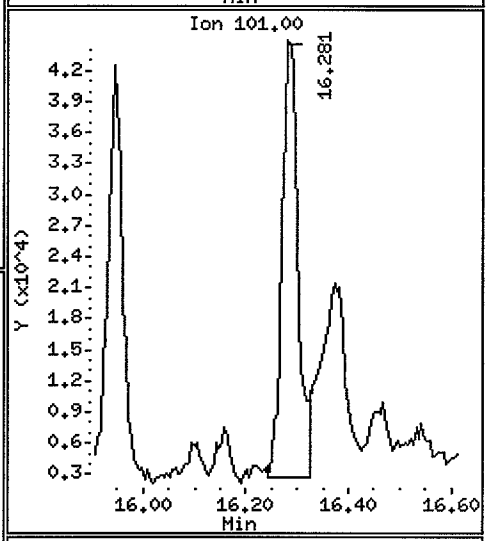


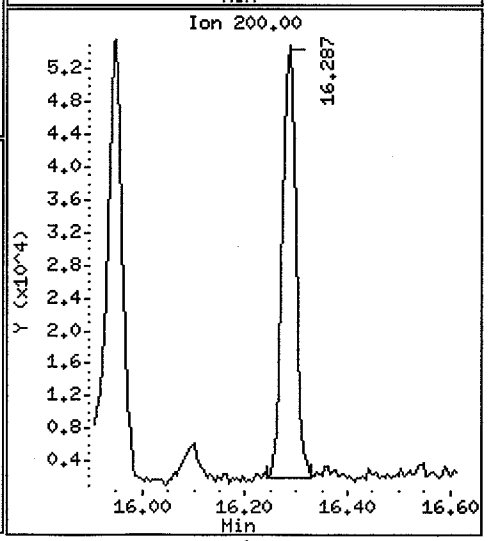












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

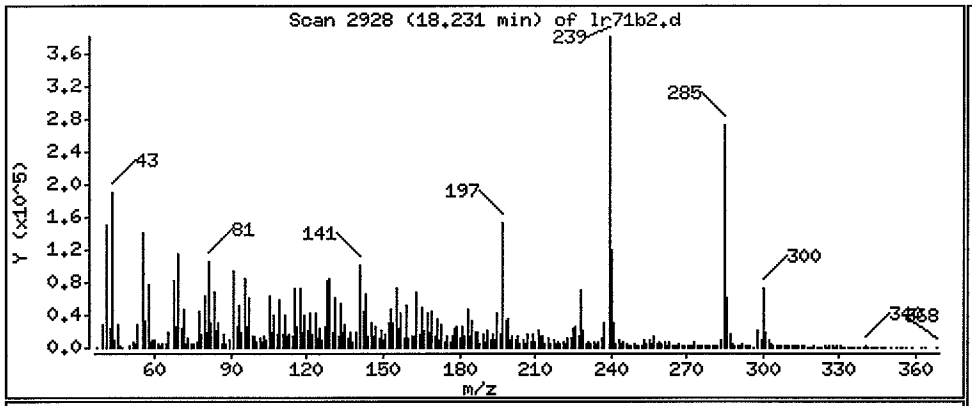
Operator: VTS

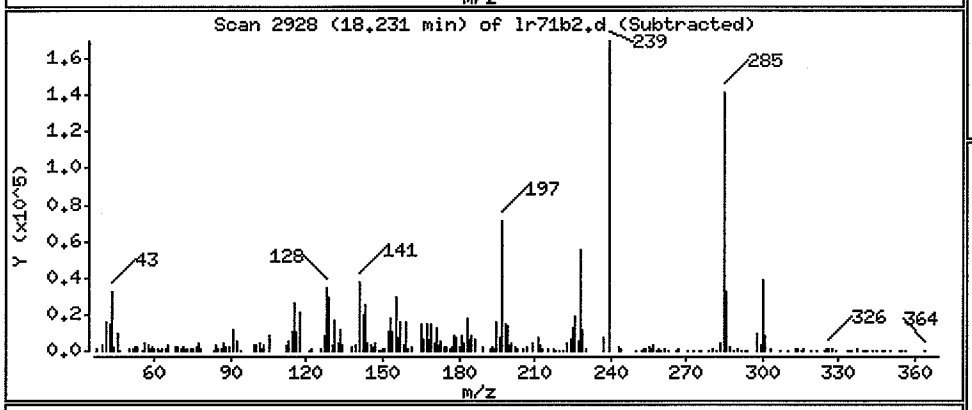
Column phase: ZB-5

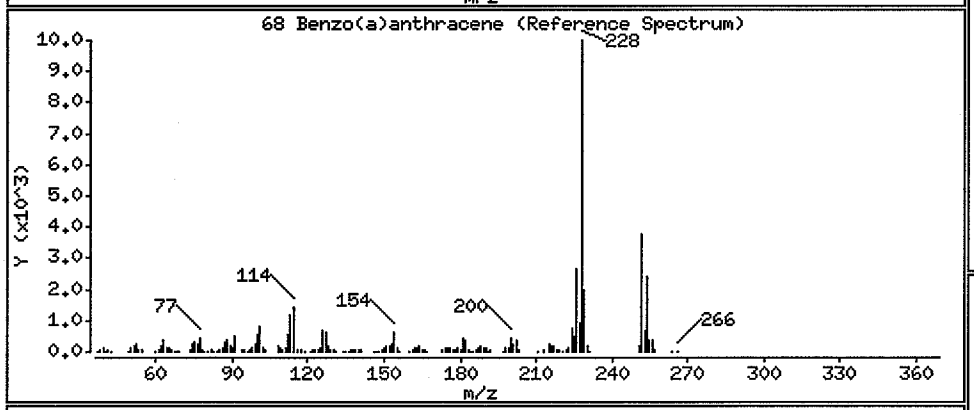
Column diameter: 0.32

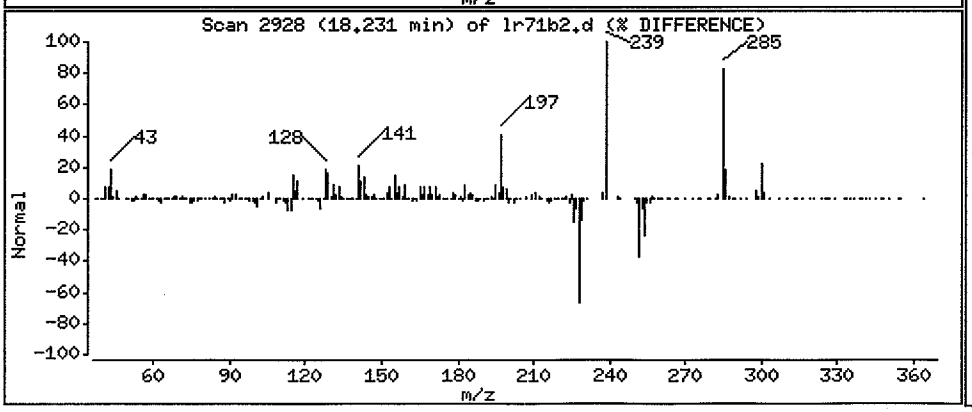
68 Benzo(a)anthracene

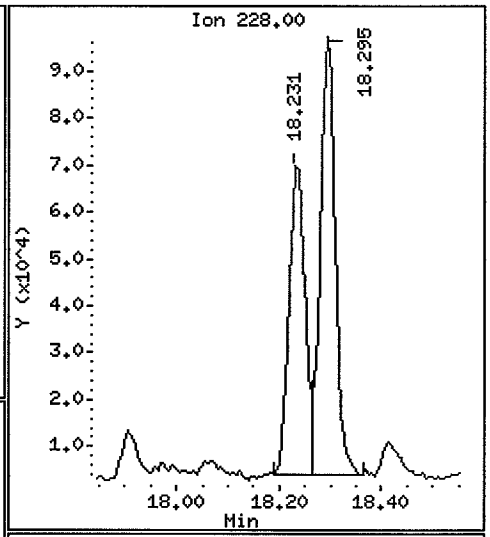
Concentration: 59.07 ug/Kg

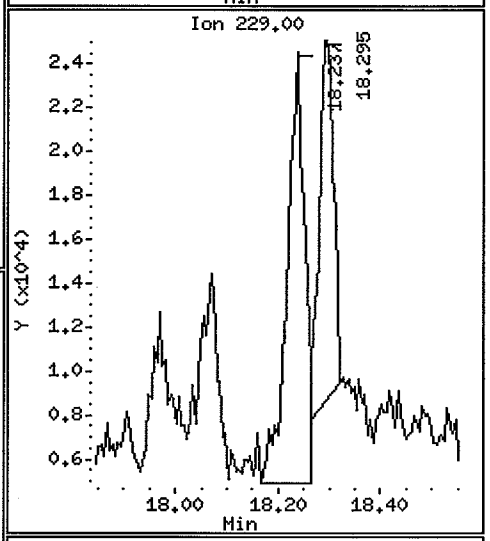


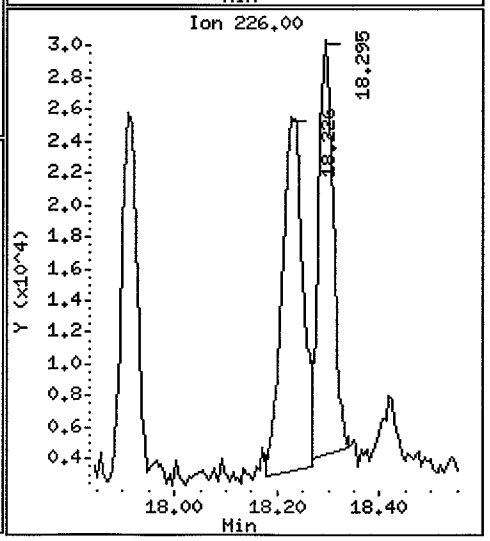












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

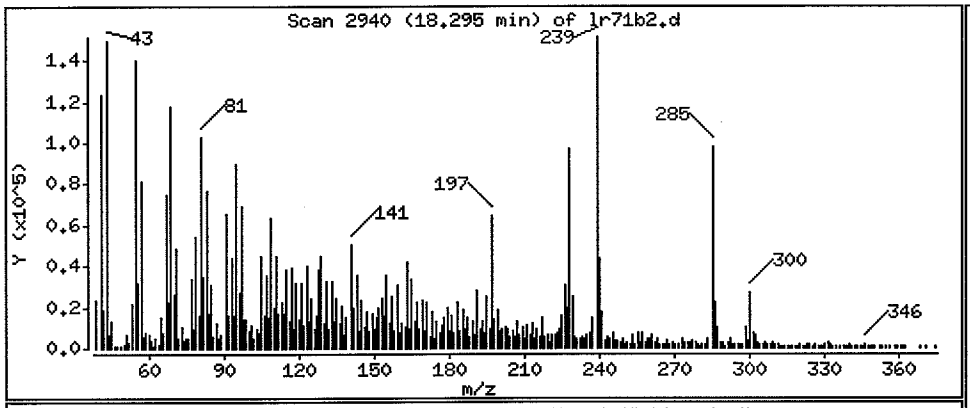
Operator: VTS

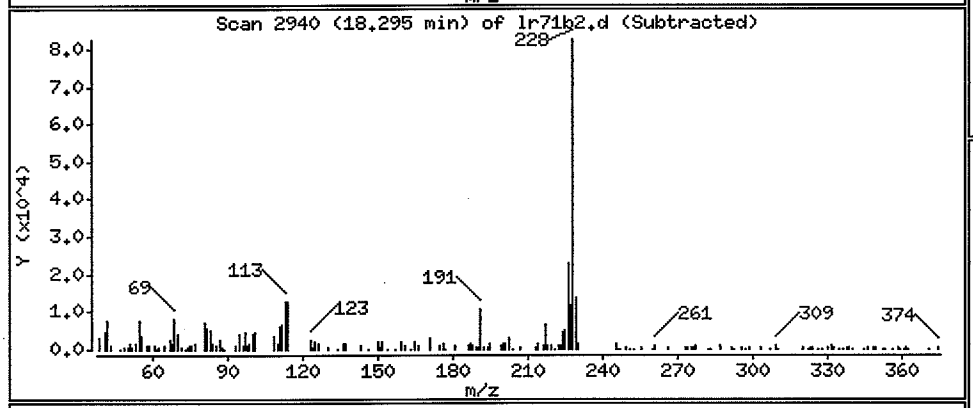
Column phase: ZB-5

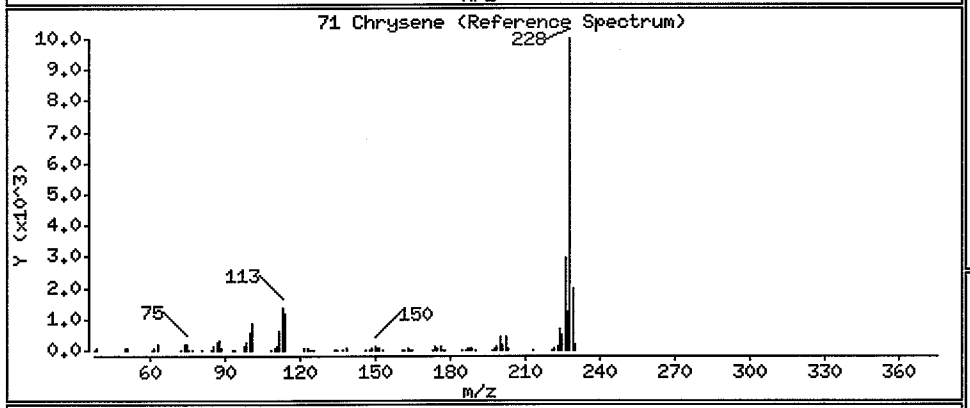
Column diameter: 0.32

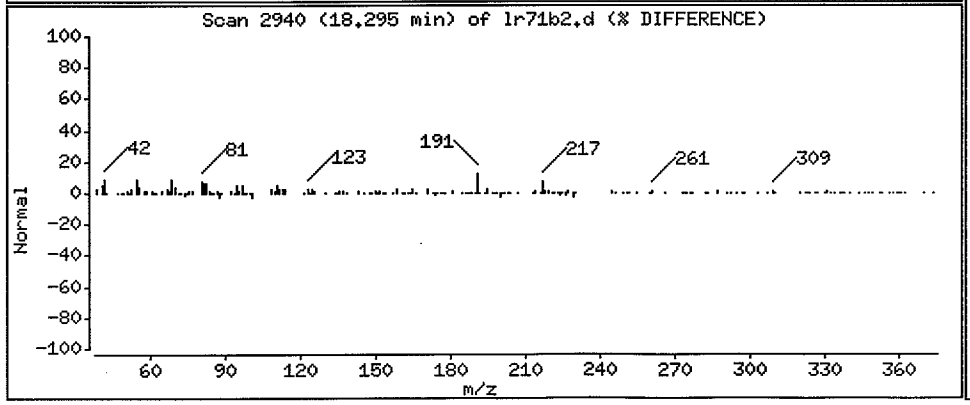
71 Chrysene

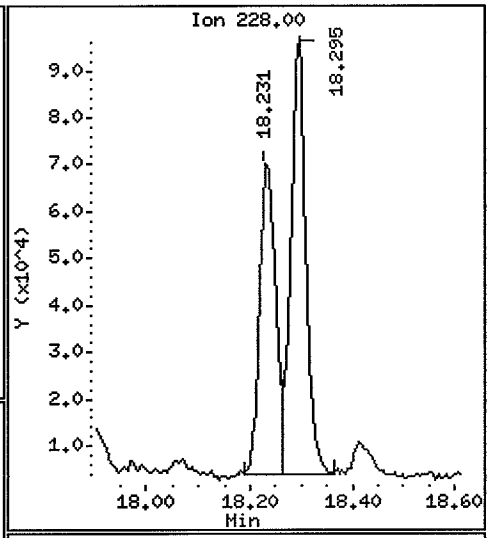
Concentration: 79.27 ug/Kg

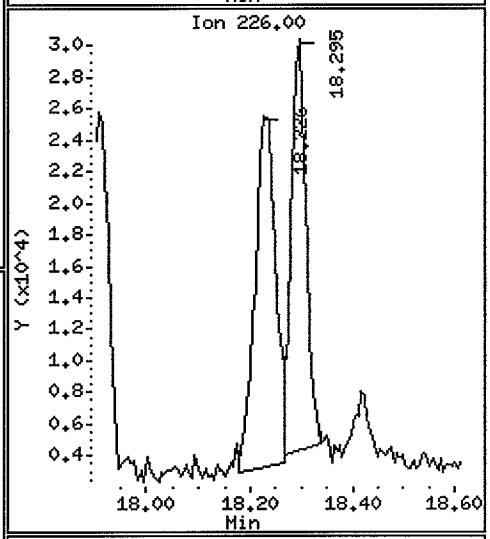


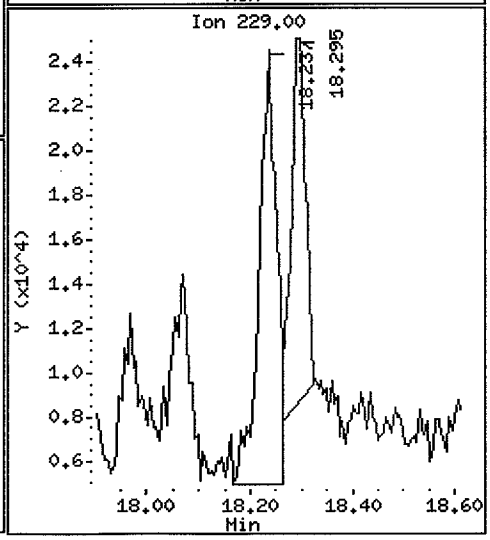












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

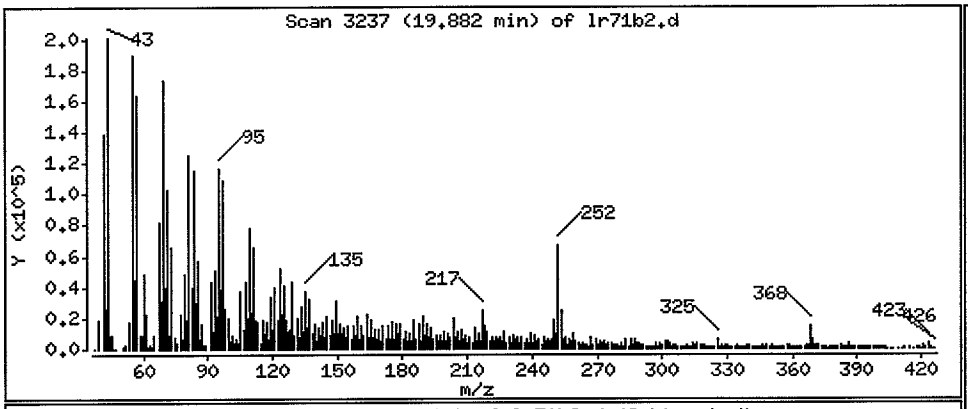
Operator: VTS

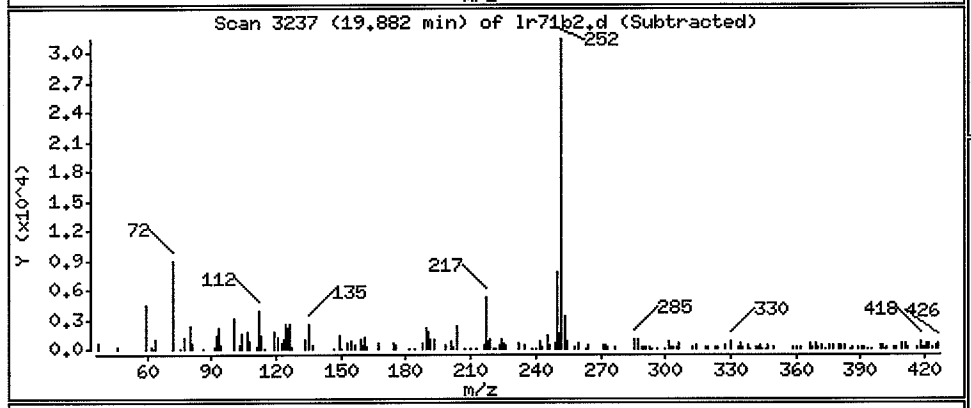
Column phase: ZB-5

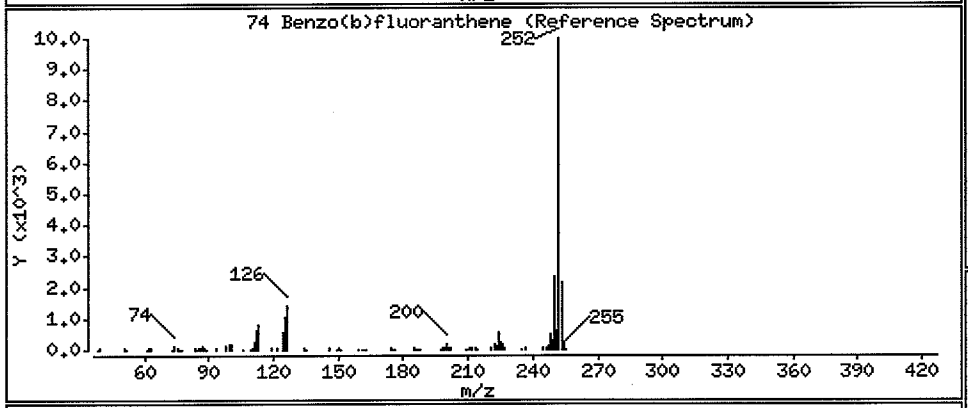
Column diameter: 0.32

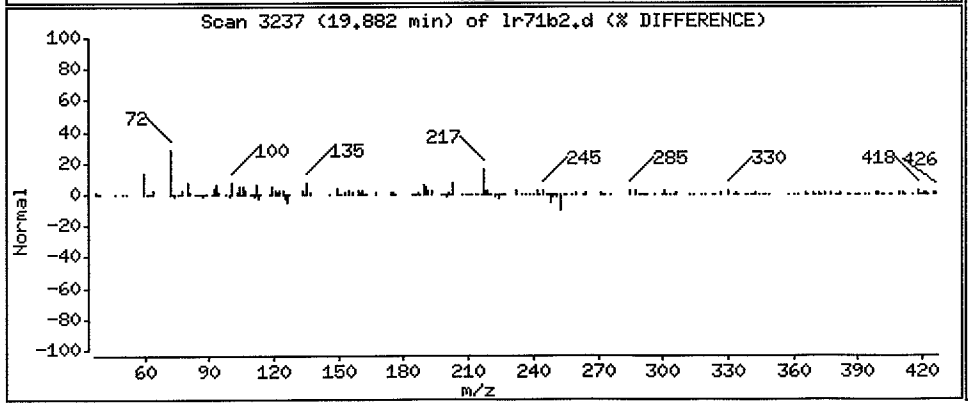
74 Benzo(b)fluoranthene

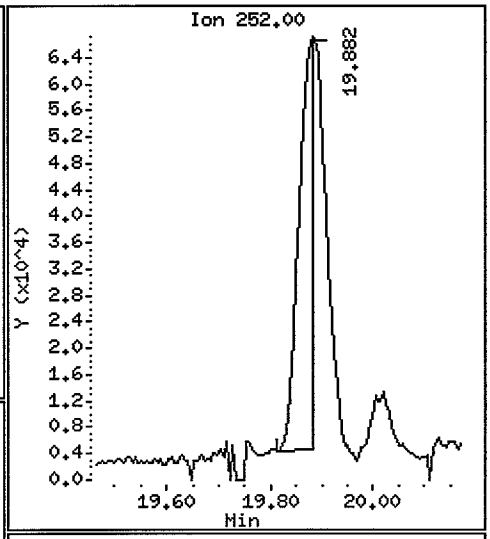
Concentration: 70.14 ug/Kg

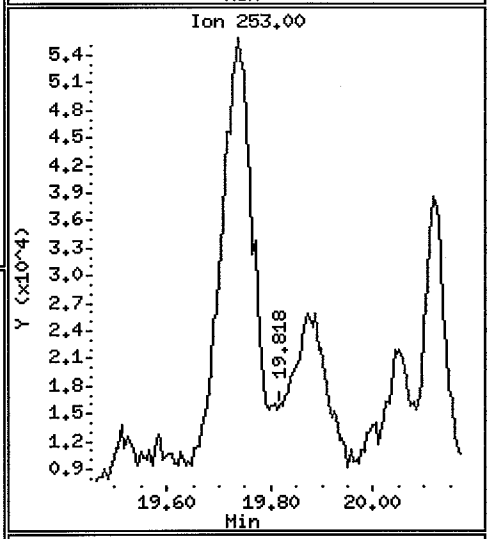


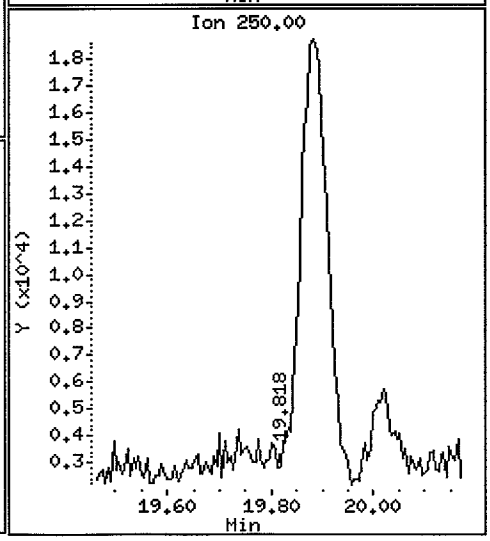












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

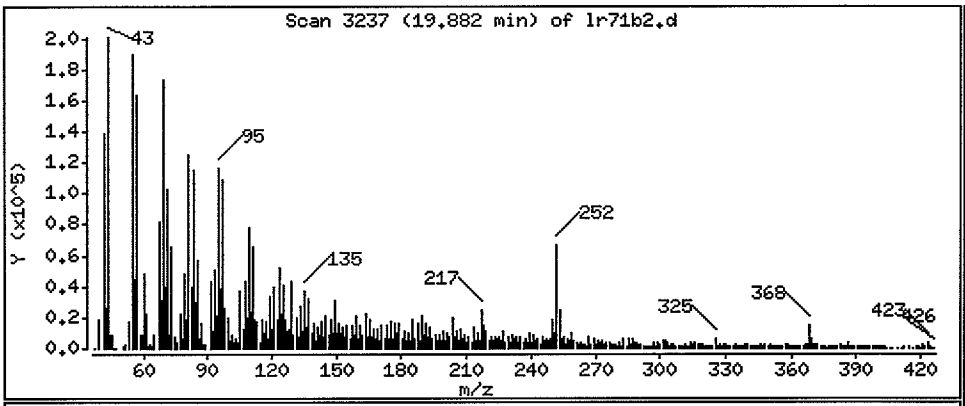
Operator: VTS

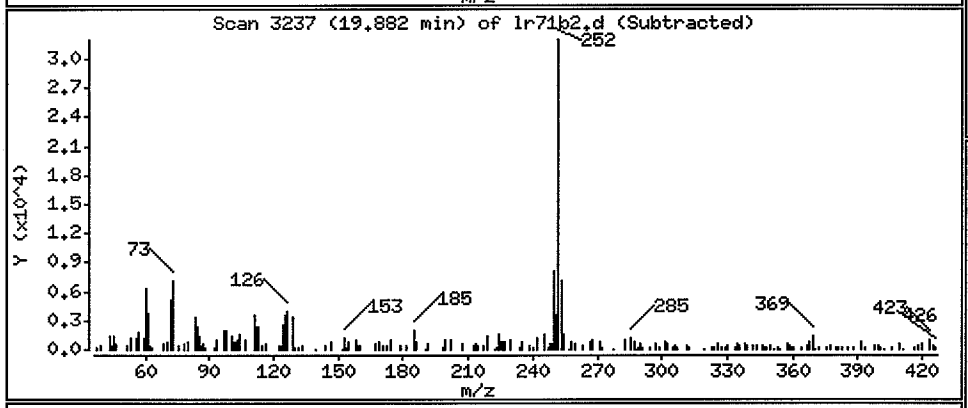
Column phase: ZB-5

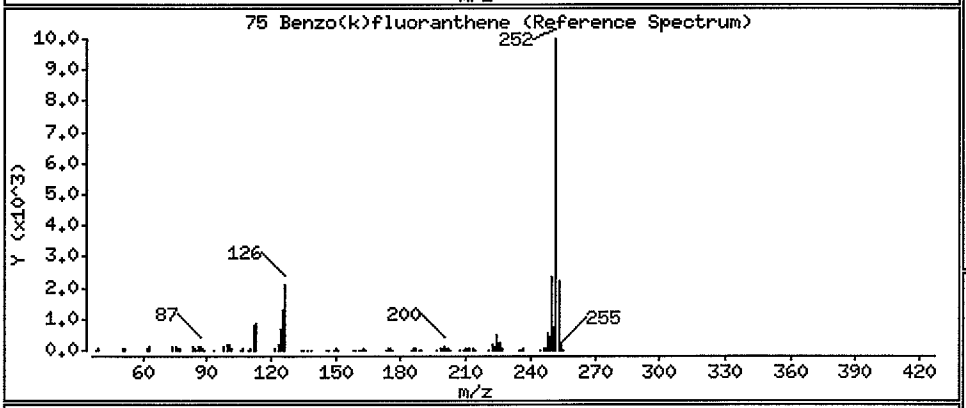
Column diameter: 0.32

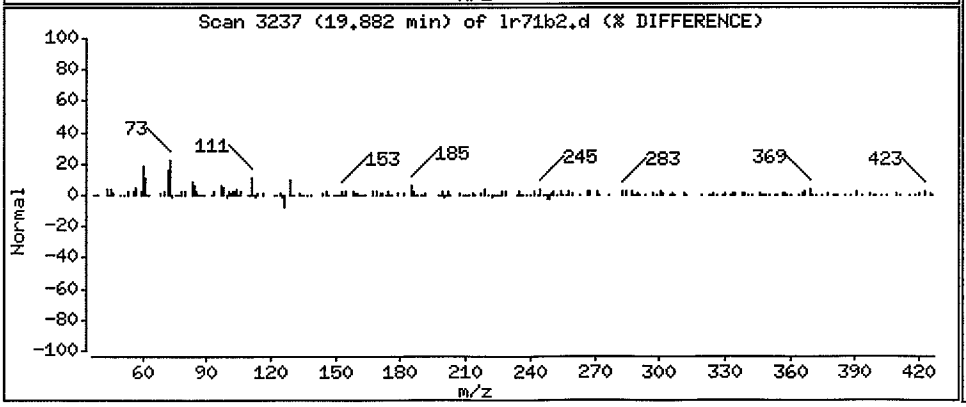
75 Benzo(k)fluoranthene

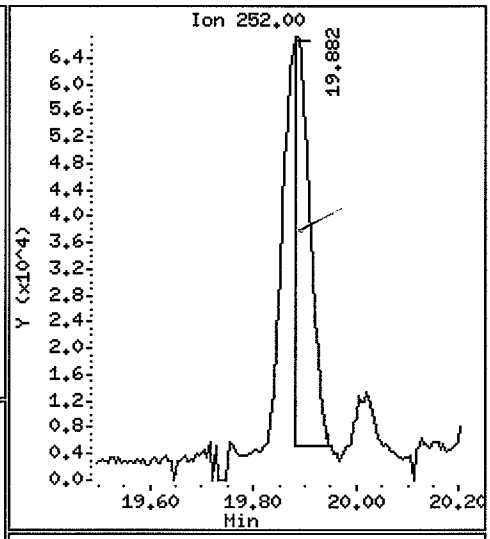
Concentration: 70.39 ug/Kg

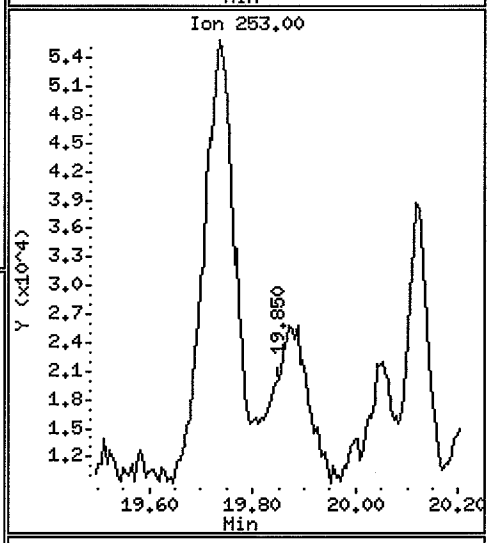


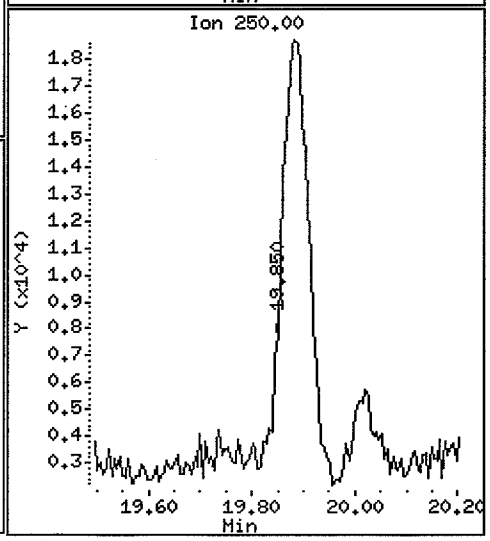












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

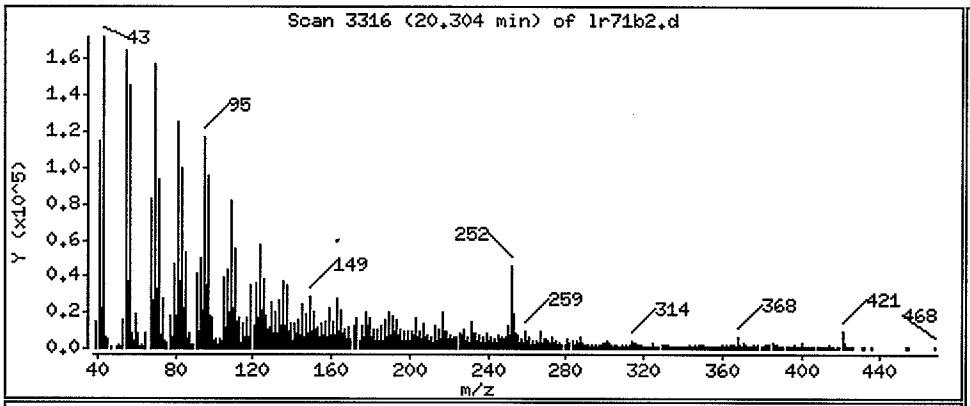
Operator: VTS

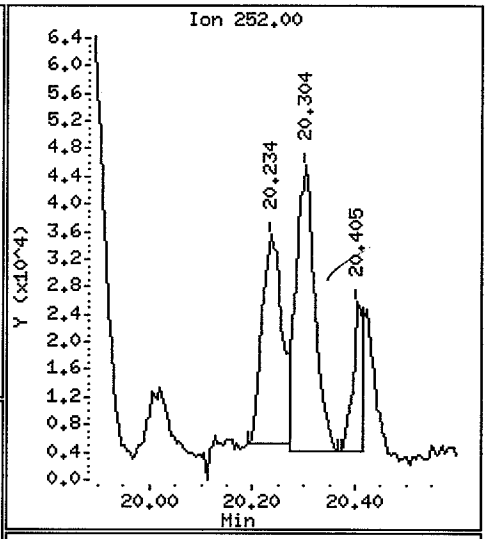
Column phase: ZB-5

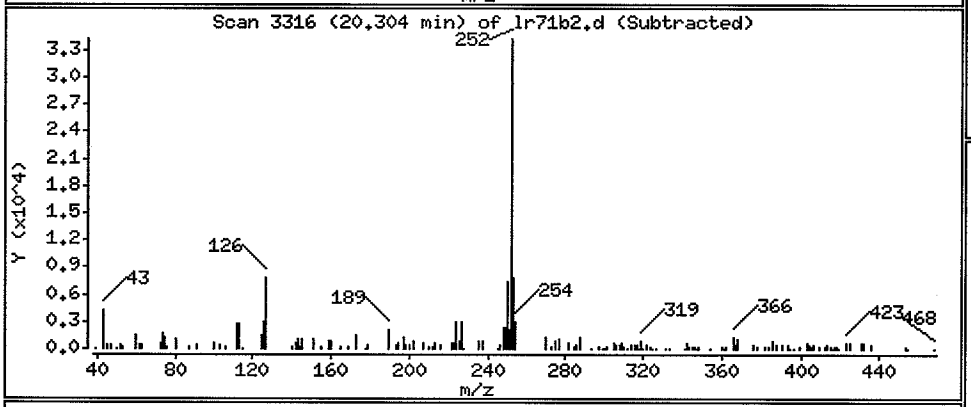
Column diameter: 0.32

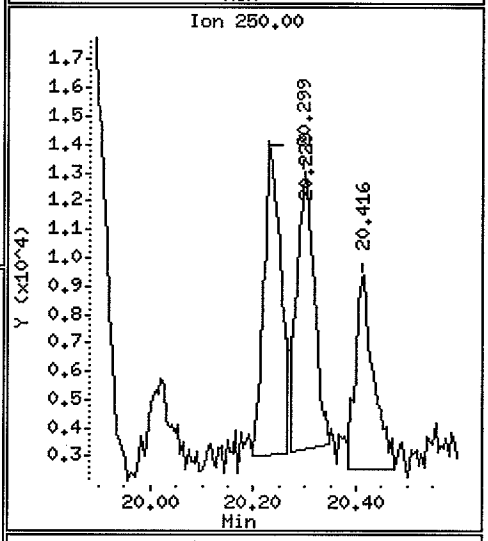
76 Benzo(a)pyrene

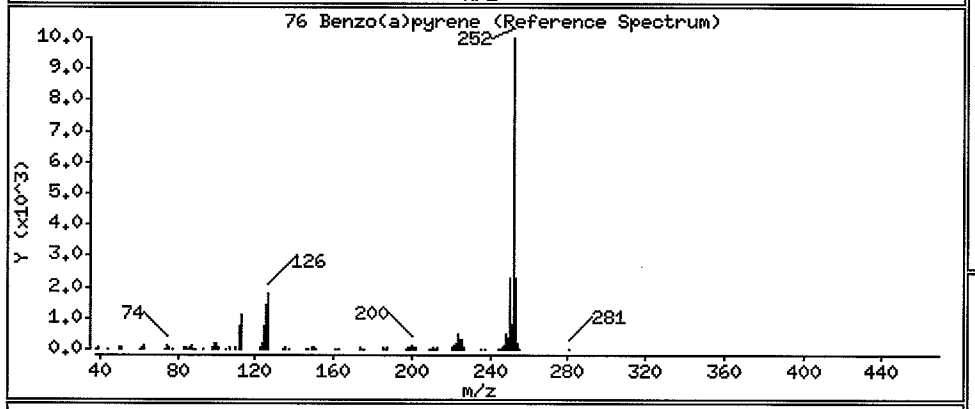
Concentration: 72.43 ug/Kg

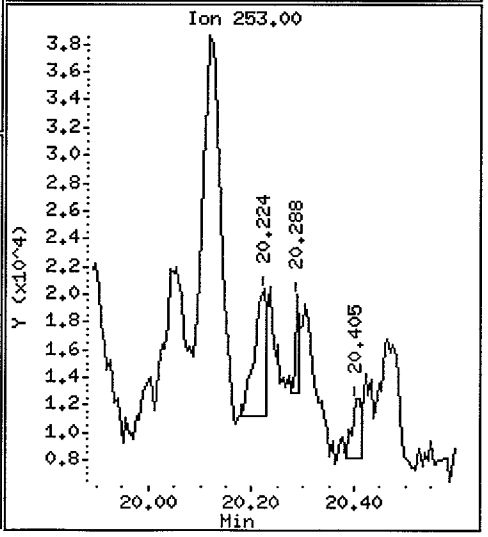


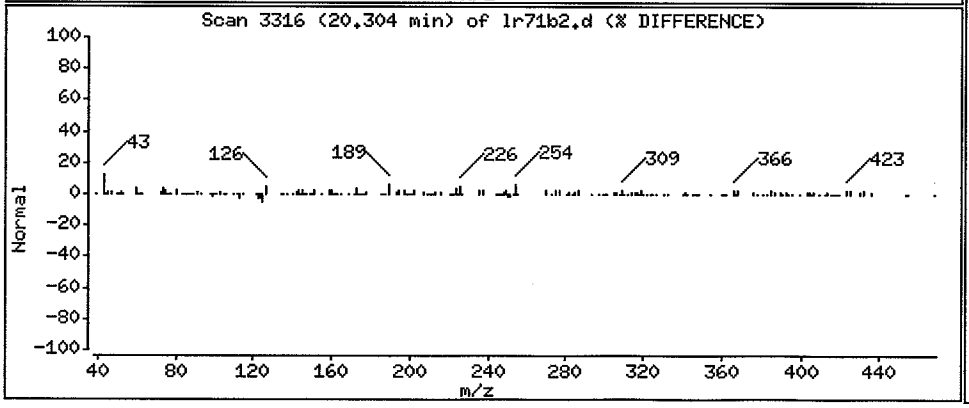












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

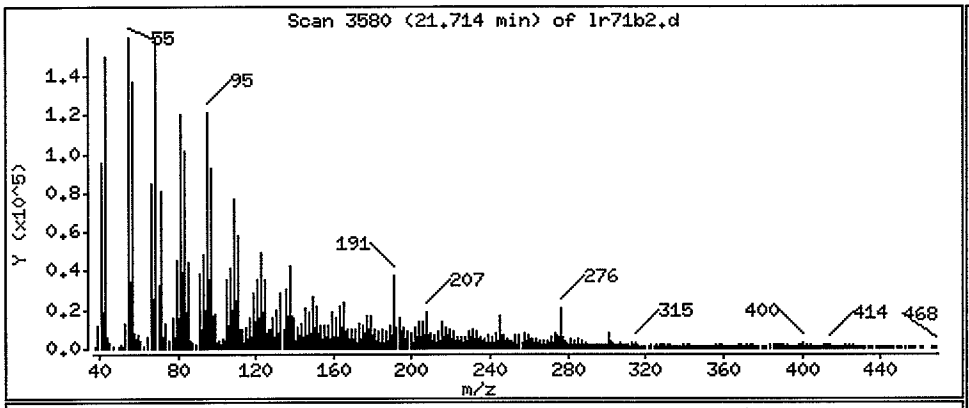
Operator: VTS

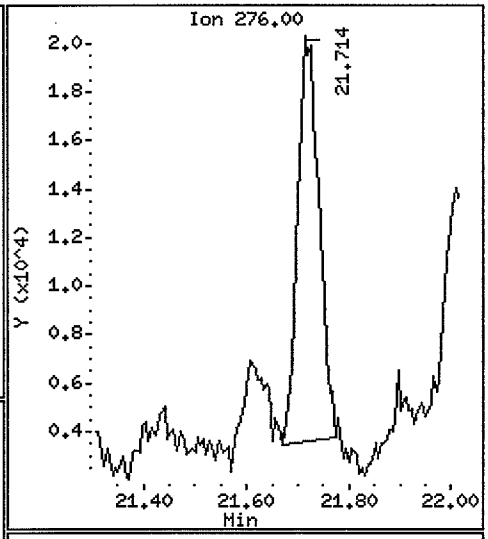
Column phase: ZB-5

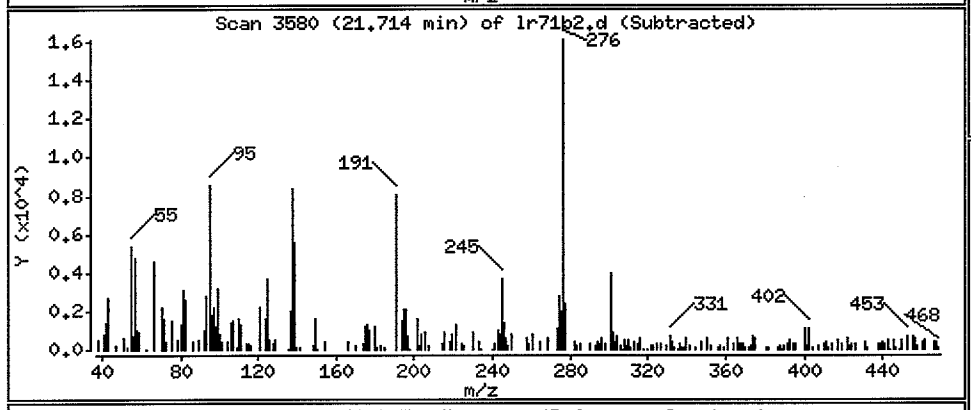
Column diameter: 0.32

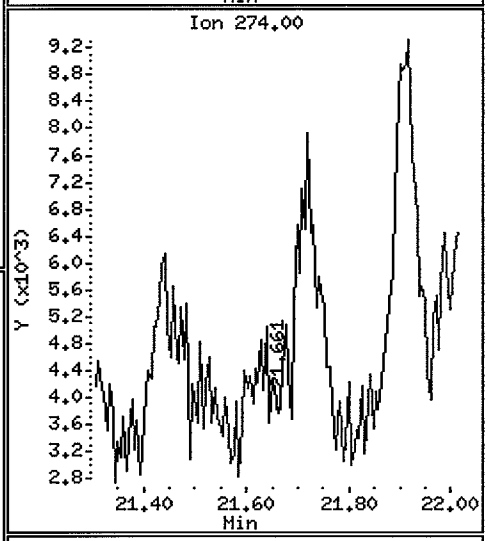
78 Indeno(1,2,3-cd)pyrene

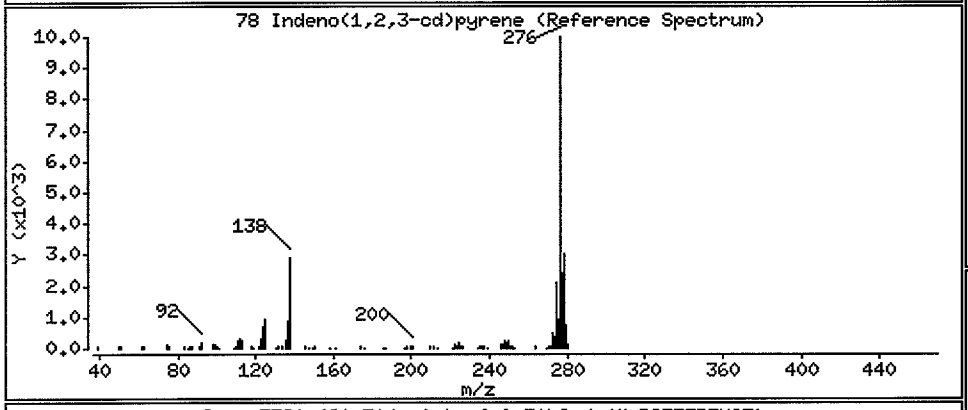
Concentration: 29.41 ug/Kg

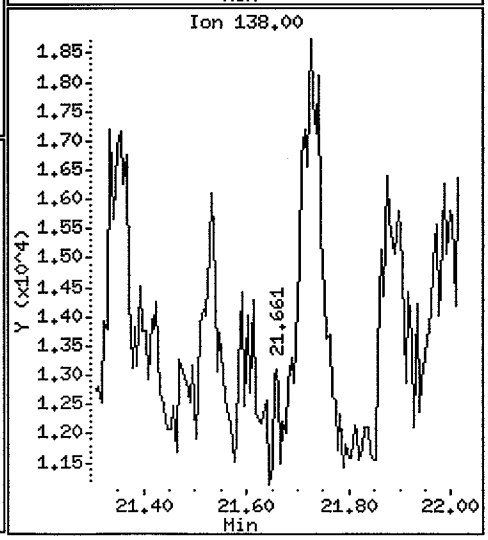


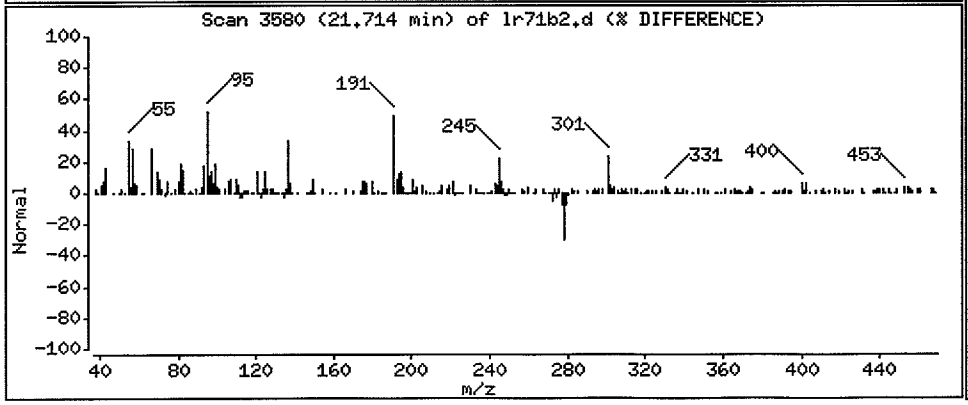












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

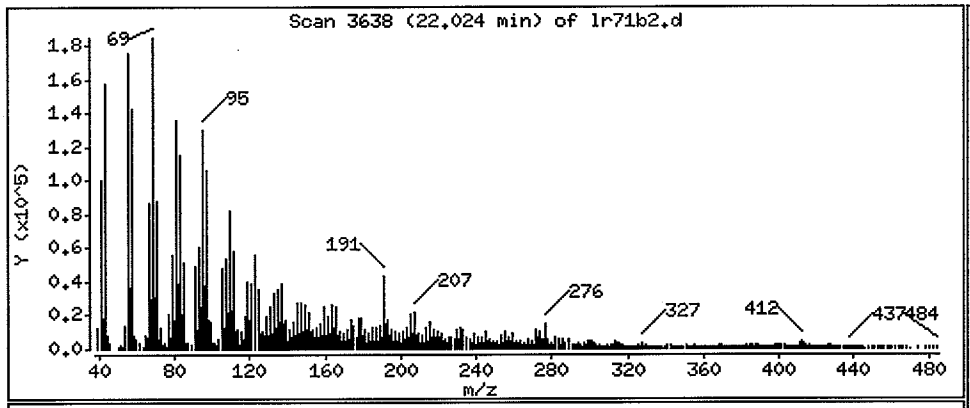
Operator: VTS

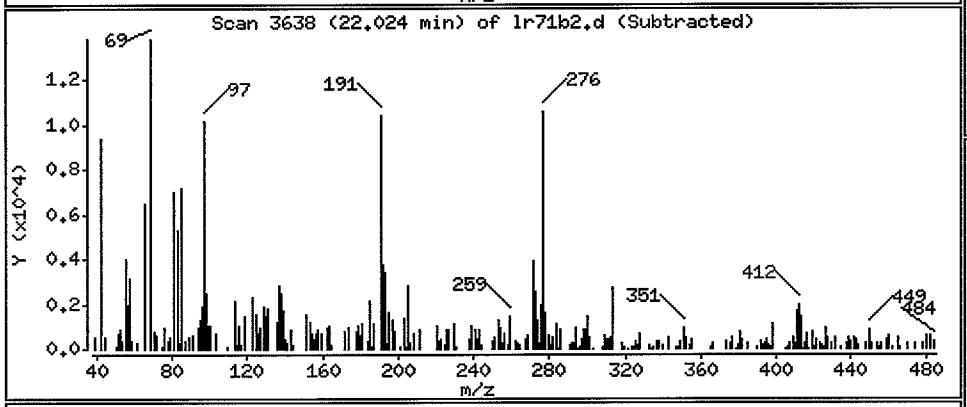
Column phase: ZB-5

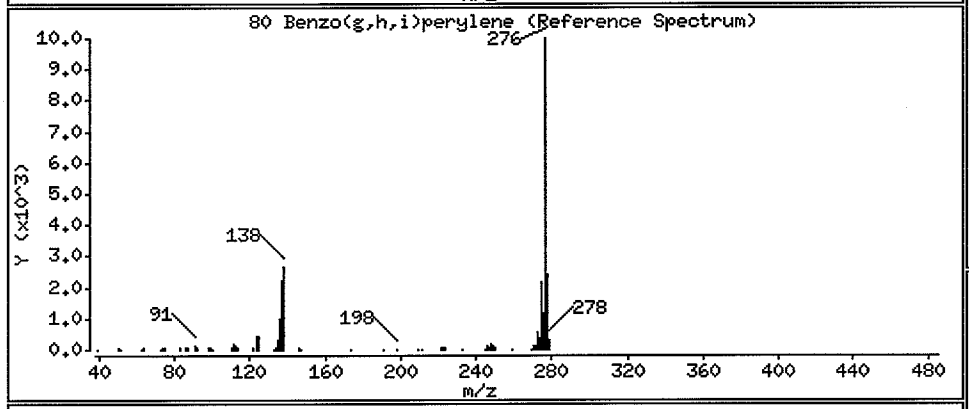
Column diameter: 0.32

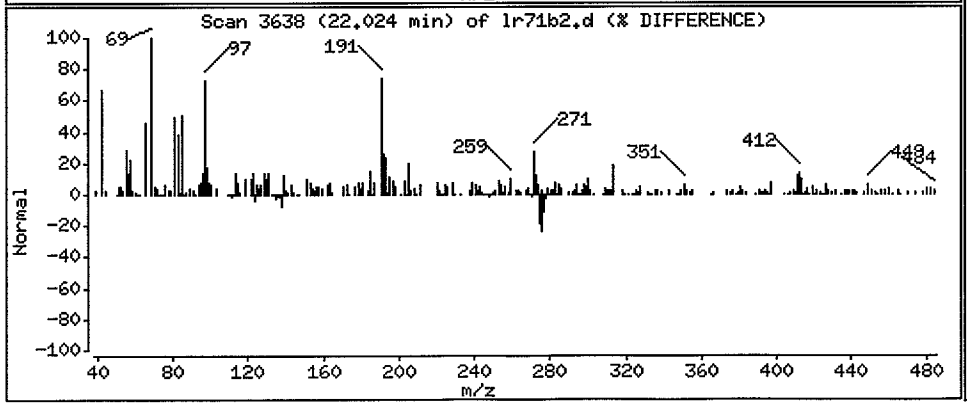
80 Benzo(g,h,i)perylene

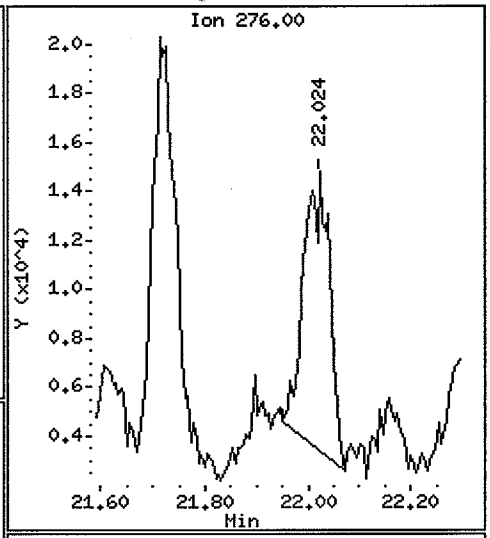
Concentration: 26.76 ug/Kg

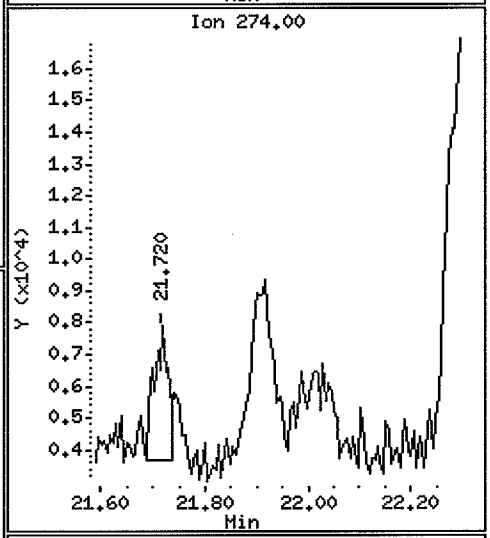


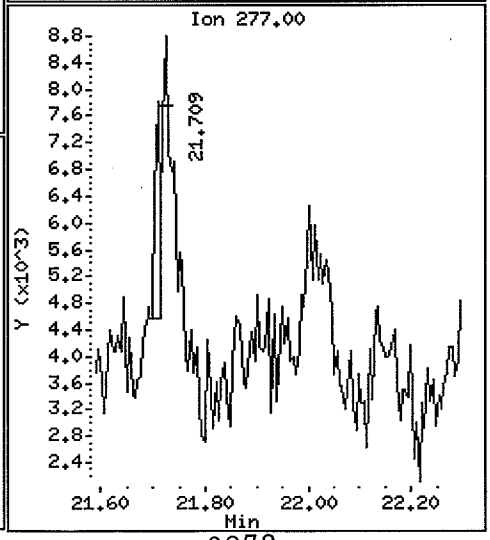




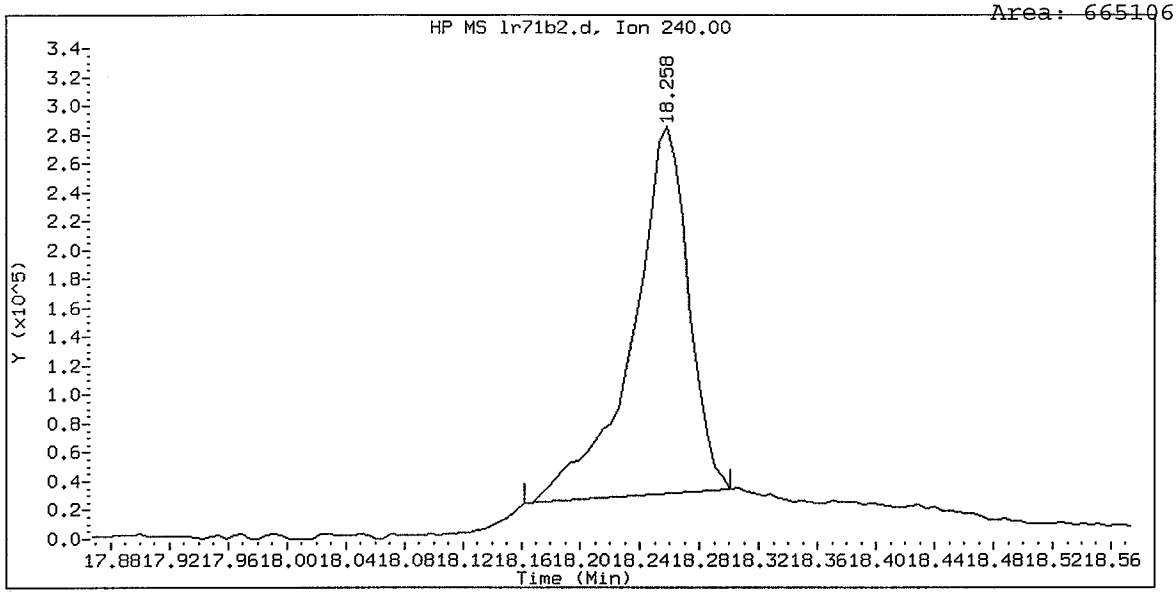


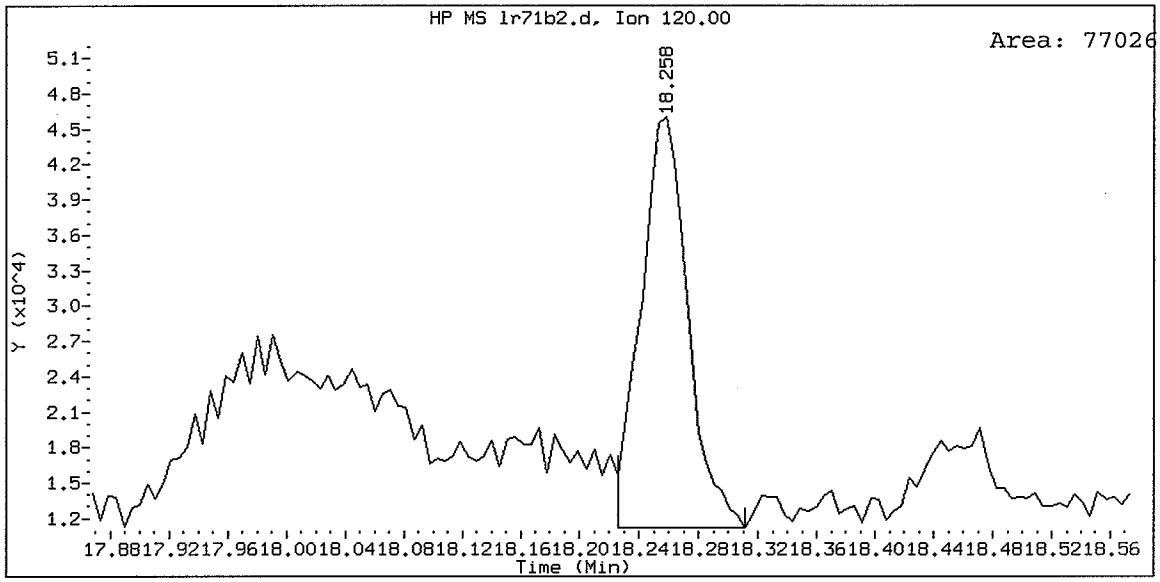


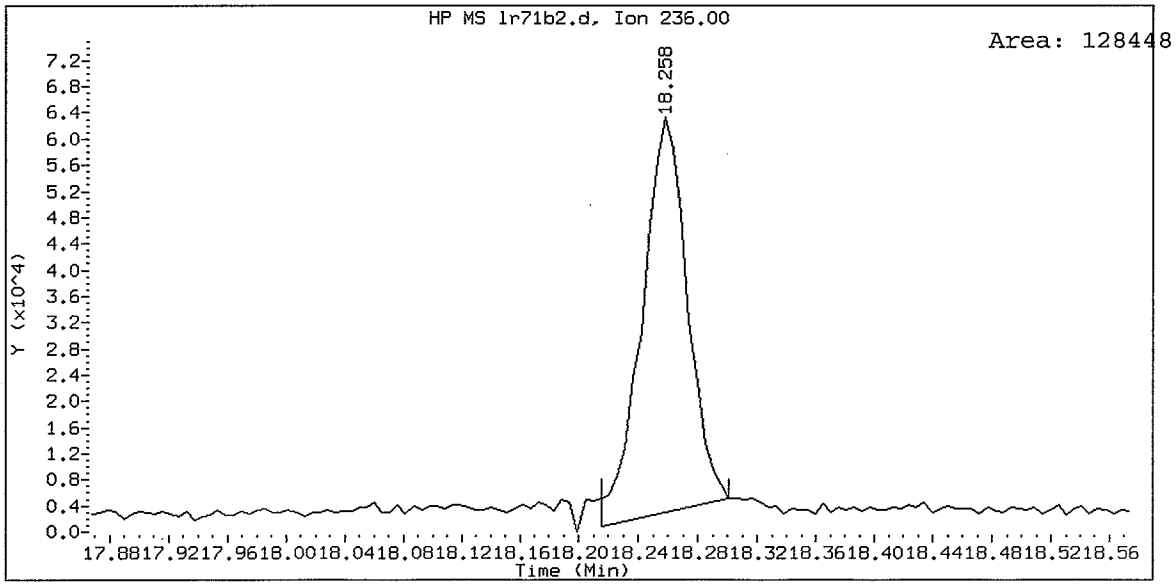




LR71BRE, /chem3/nt4.i/20071101.b/lr71b2.d
Chrysene-d12 Amount: 20.00







Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

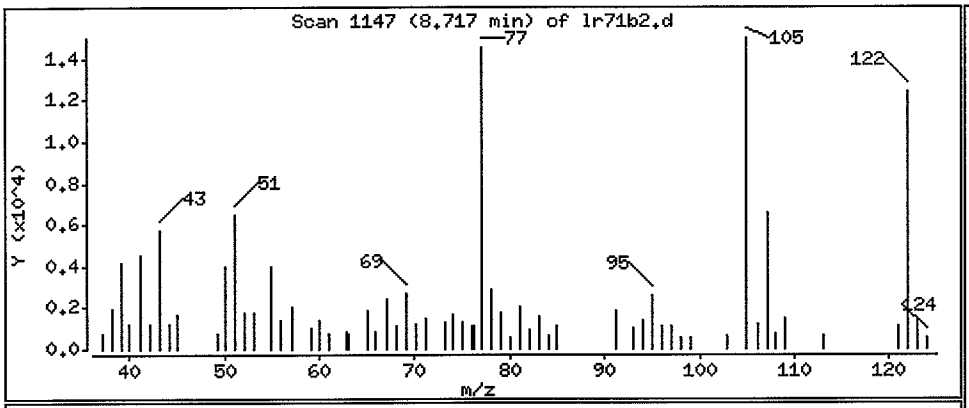
Operator: VTS

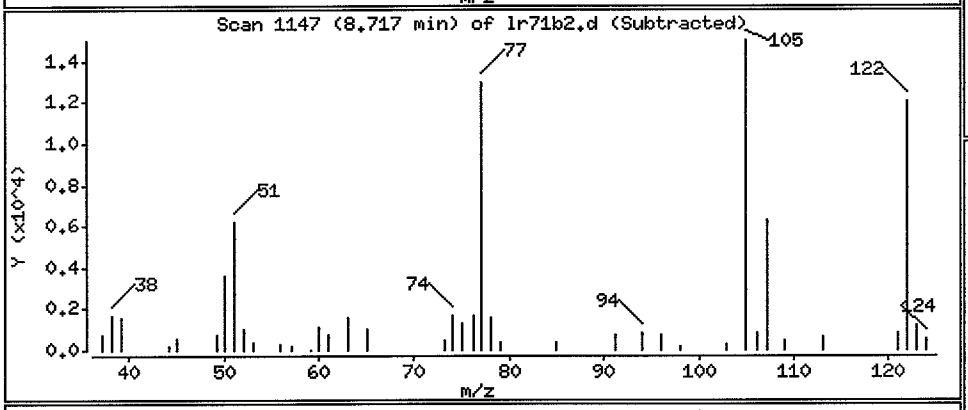
Column phase: ZB-5

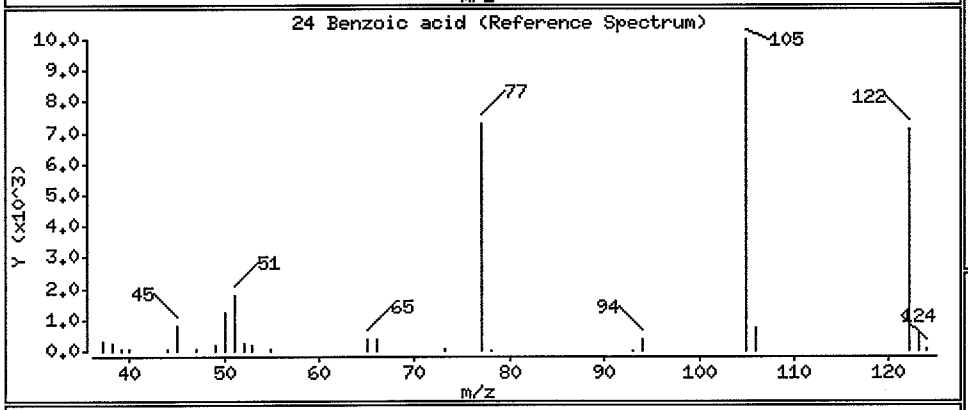
Column diameter: 0.32

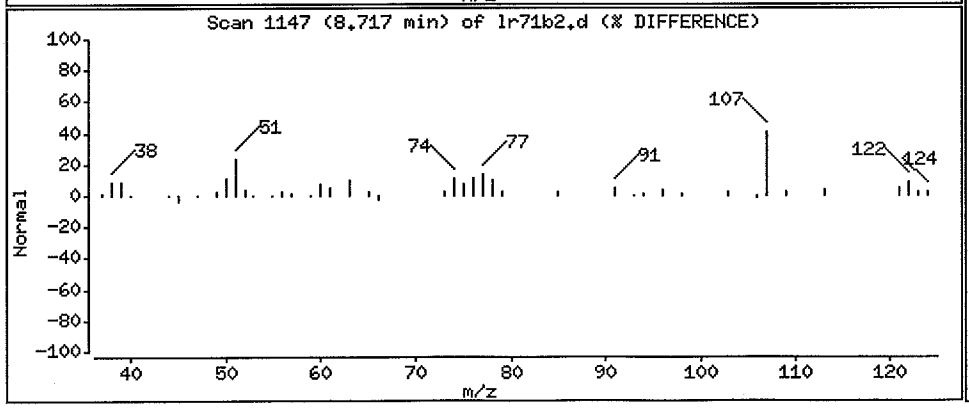
24 Benzoic acid

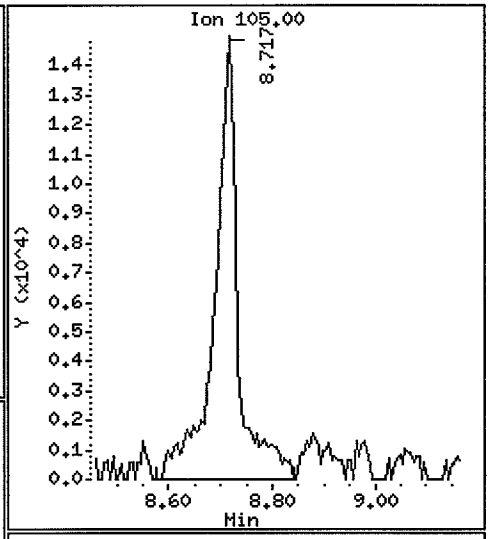
Concentration: 114.7 ug/Kg

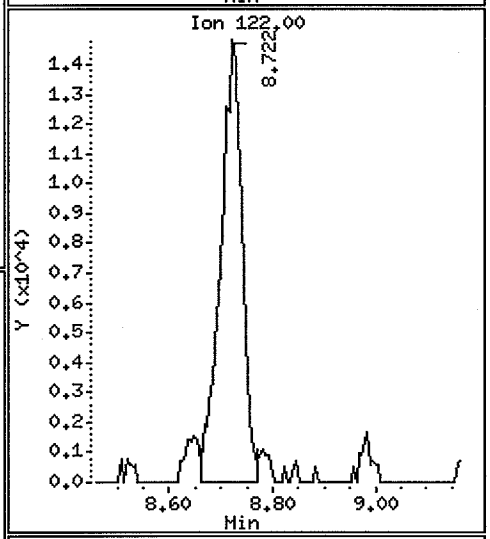


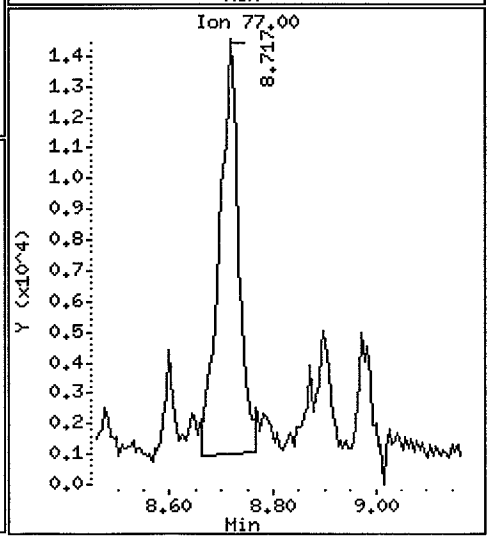












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

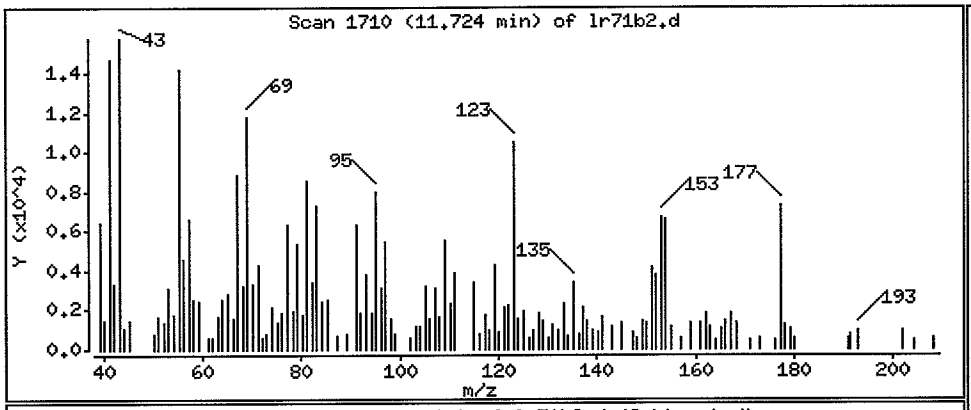
Operator: VTS

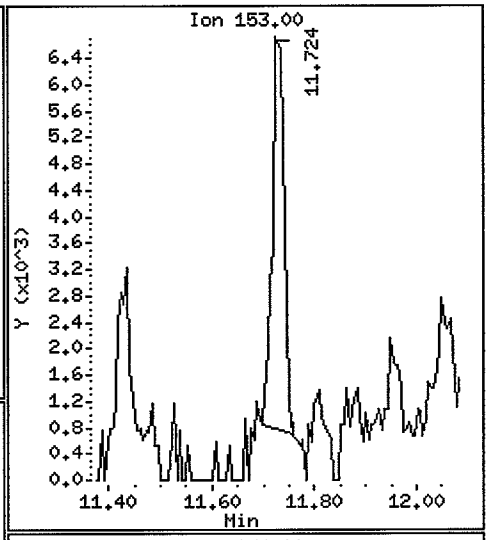
Column phase: ZB-5

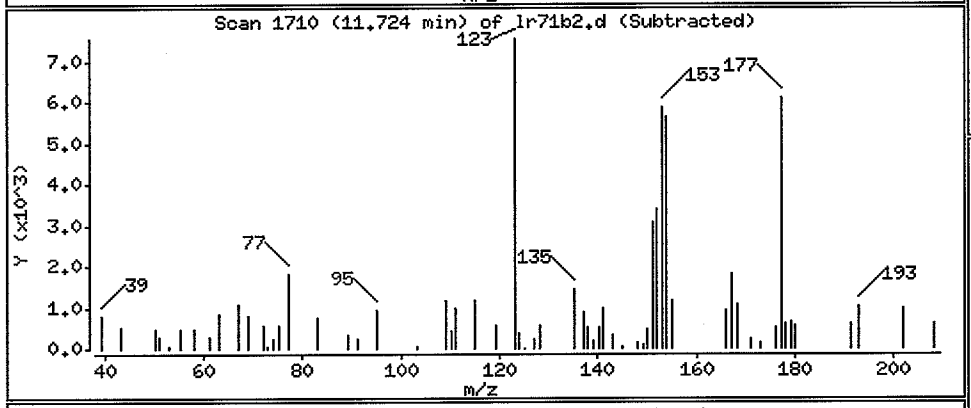
Column diameter: 0.32

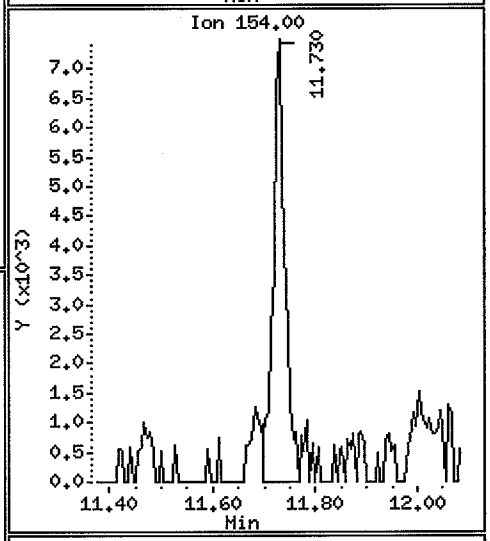
44 Acenaphthene

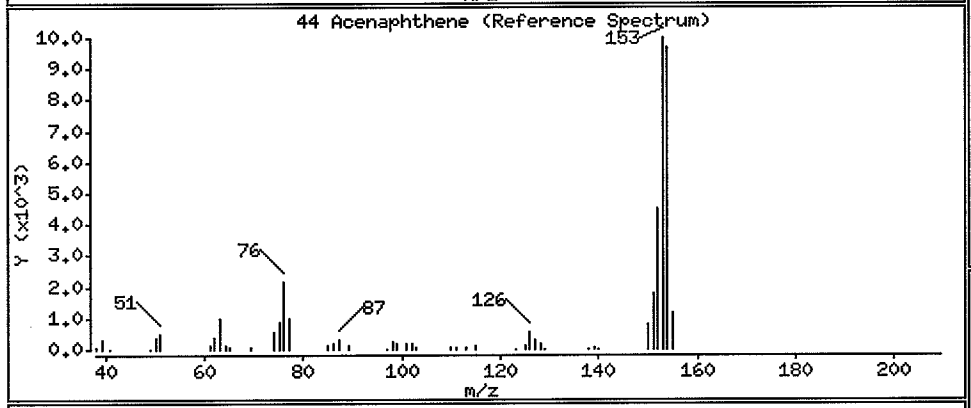
Concentration: 11.62 ug/Kg

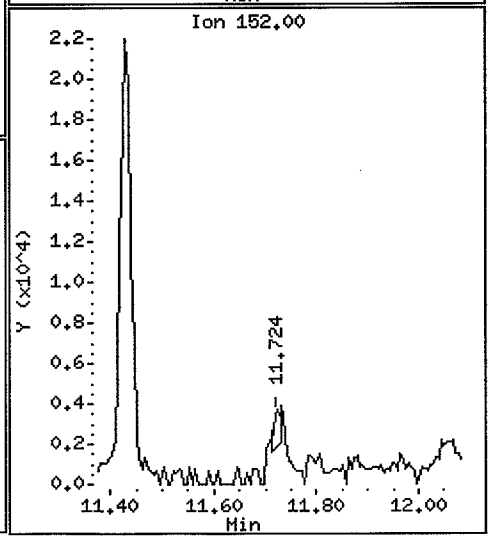


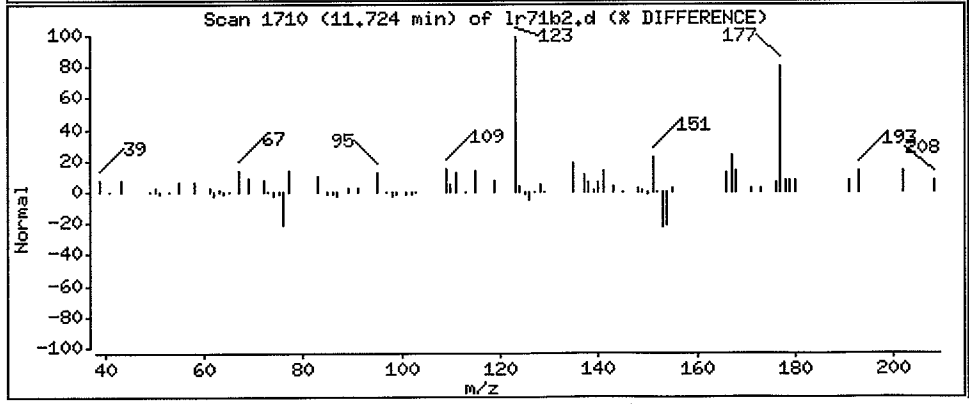












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

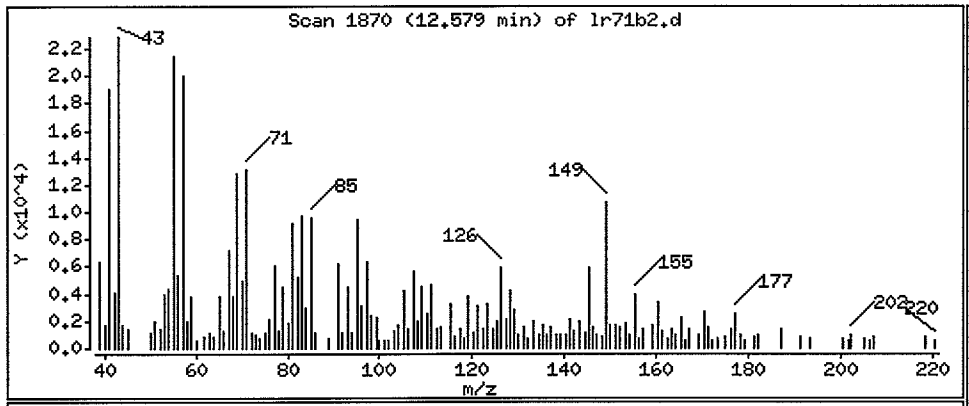
Operator: VTS

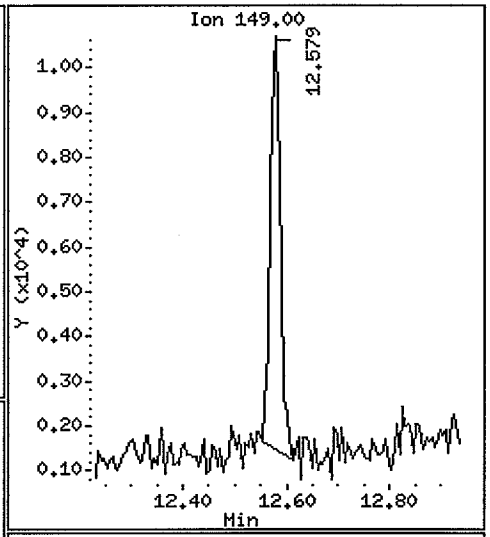
Column phase: ZB-5

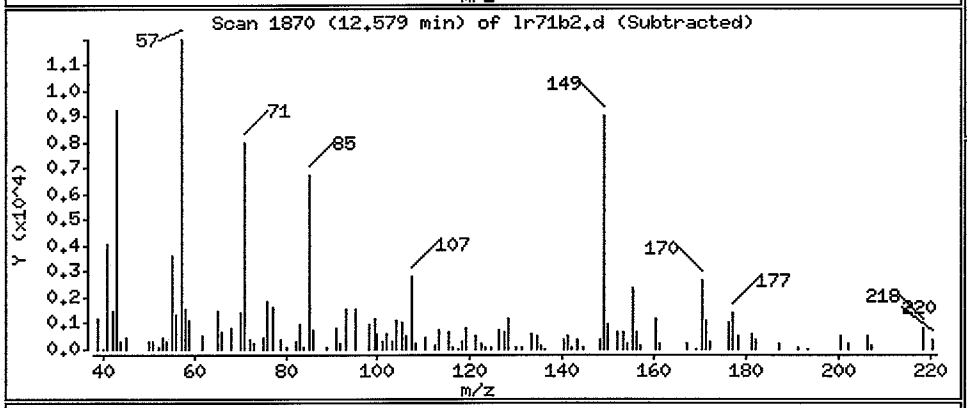
Column diameter: 0.32

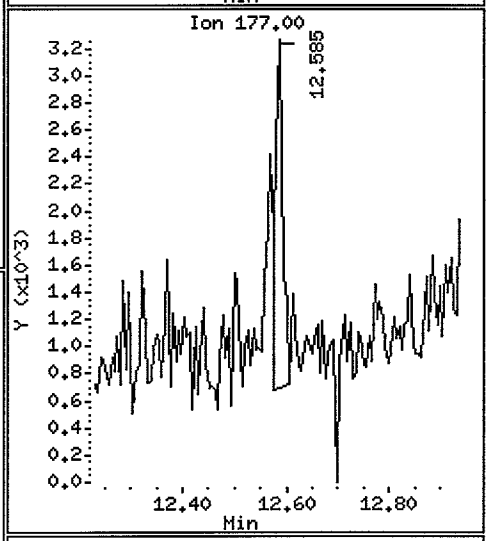
50 Diethylphthalate

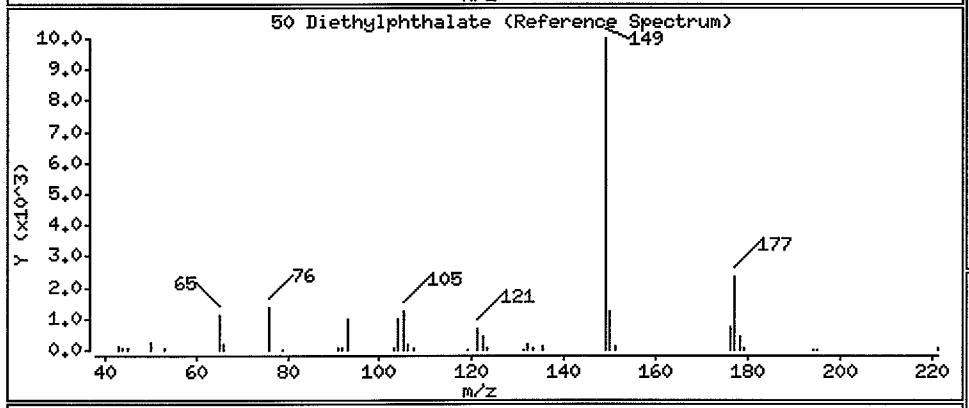
Concentration: 13.82 ug/Kg

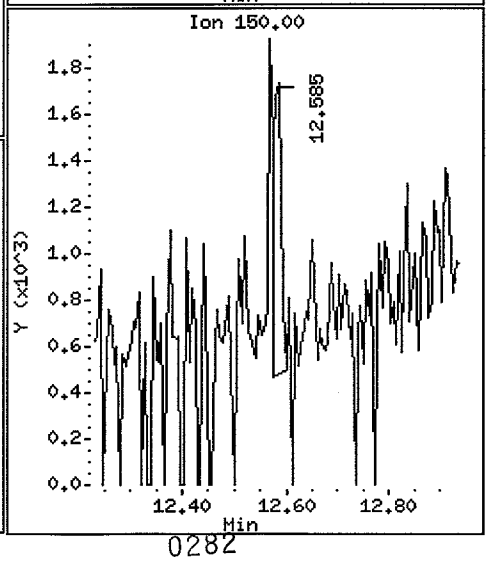


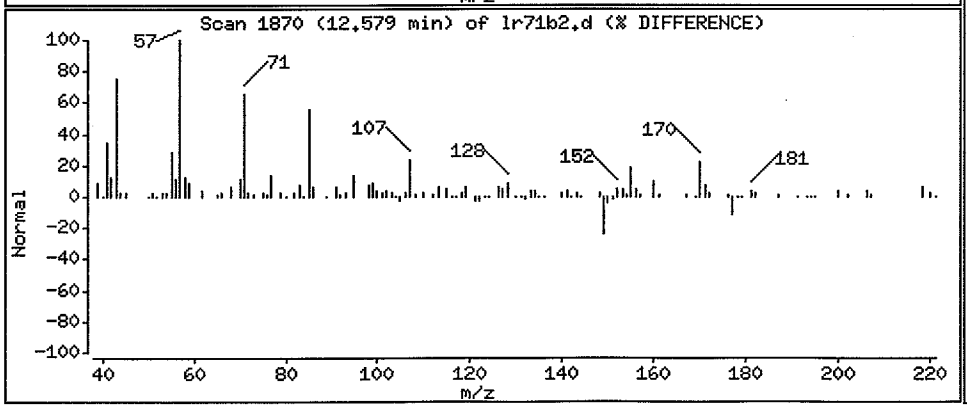












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

Operator: VTS

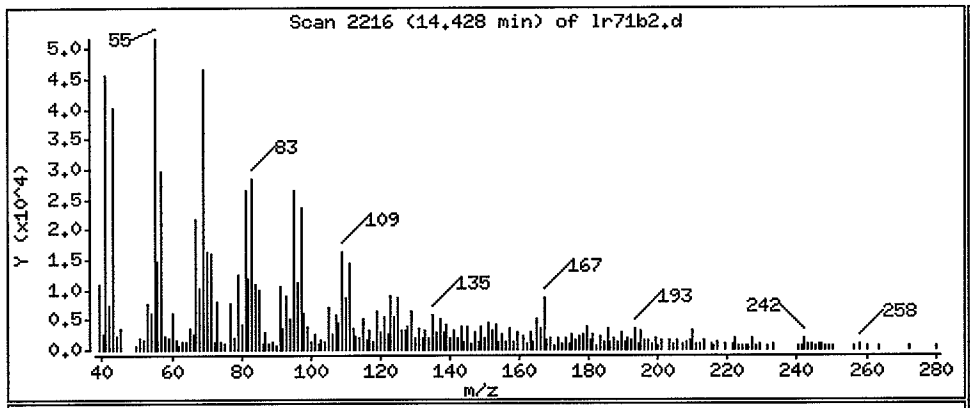
Column phase: ZB-5

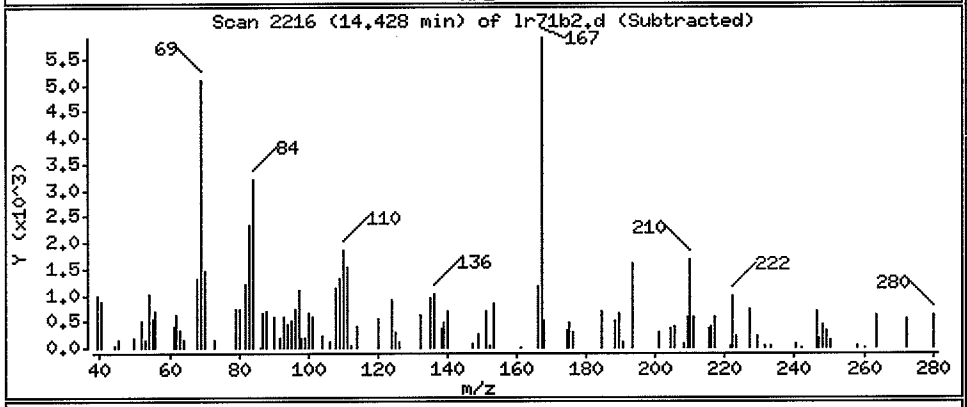
Column diameter: 0.32

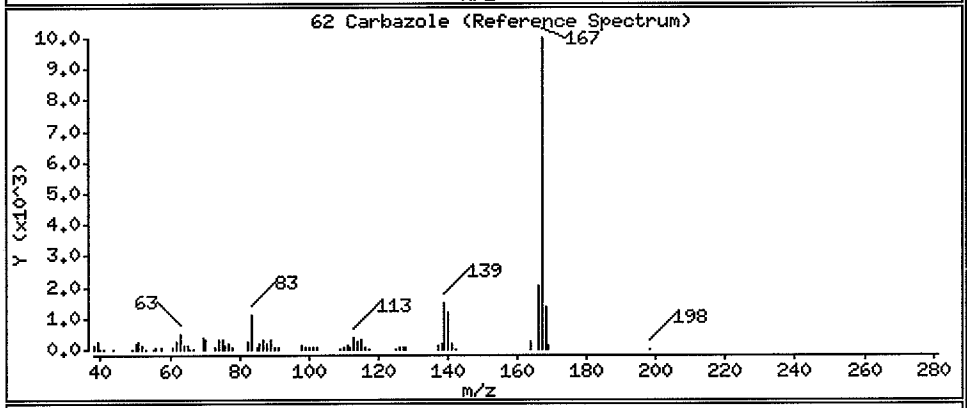
62 Carbazole

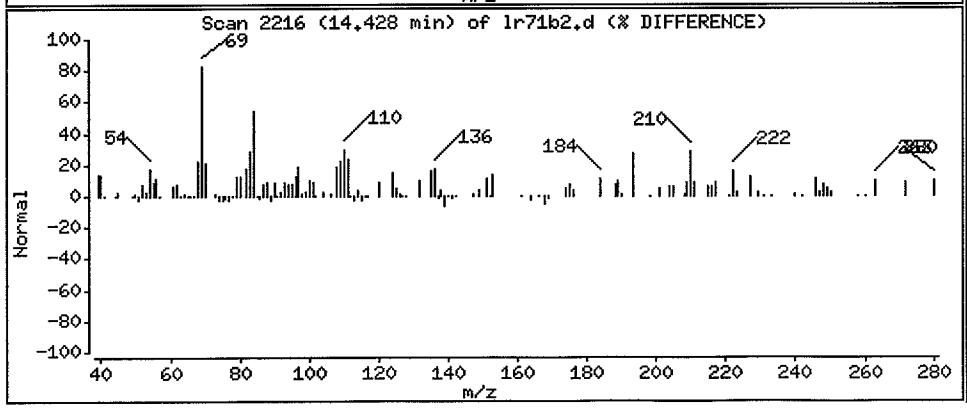
Concentration: 10.36 ug/Kg

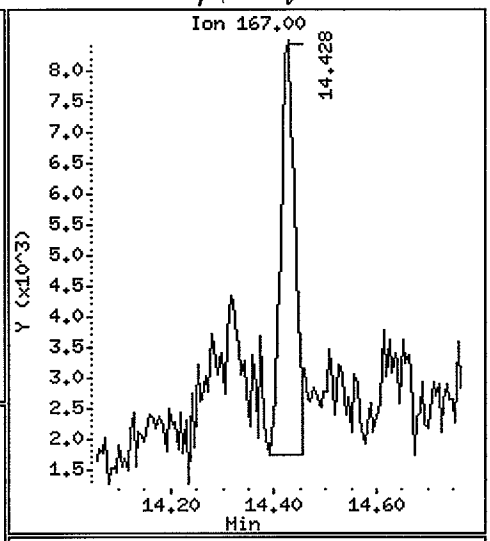
NR gd

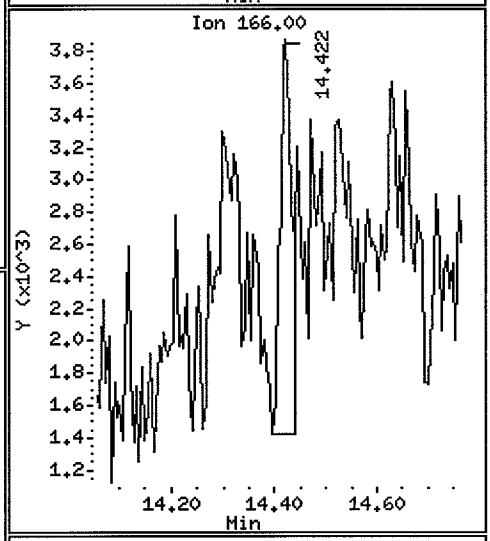


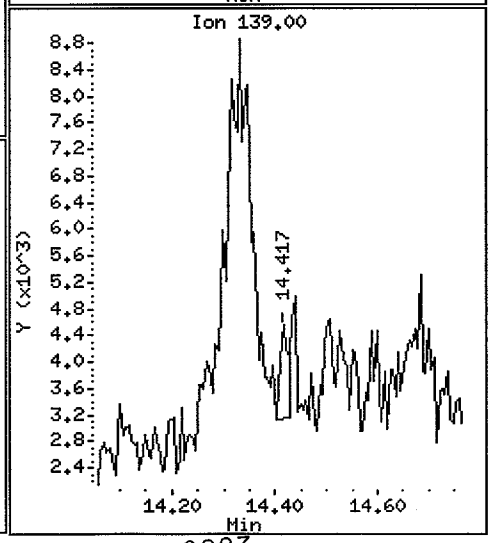












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

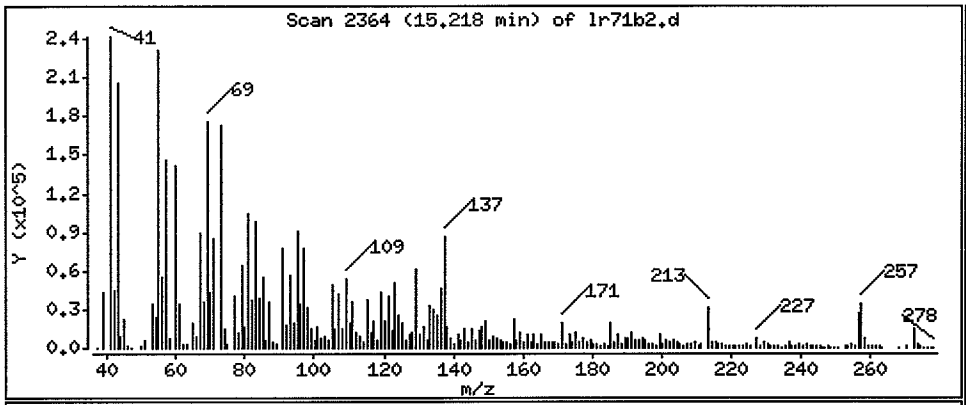
Operator: VTS

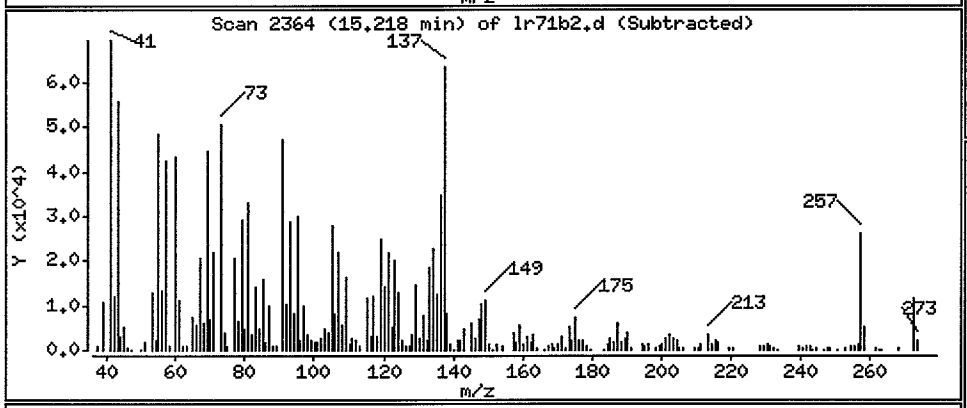
Column phase: ZB-5

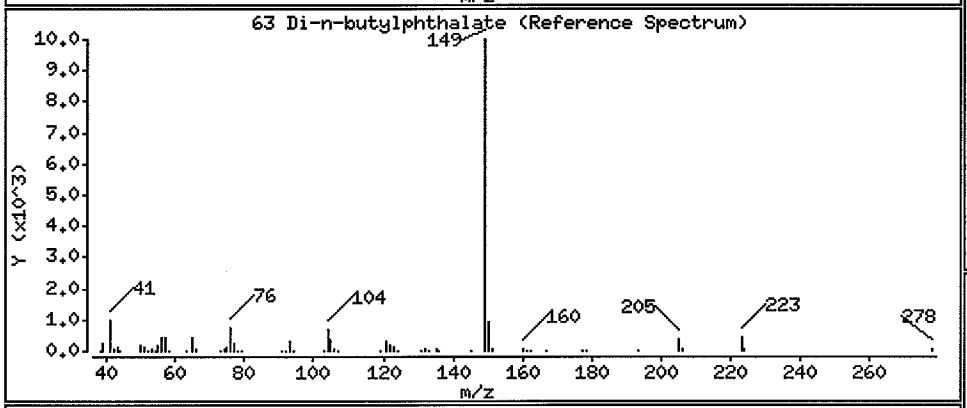
Column diameter: 0.32

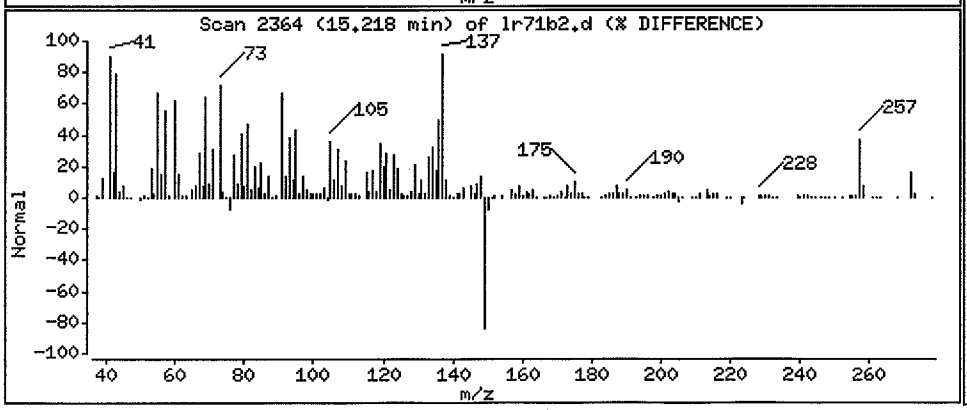
63 Di-n-butylphthalate

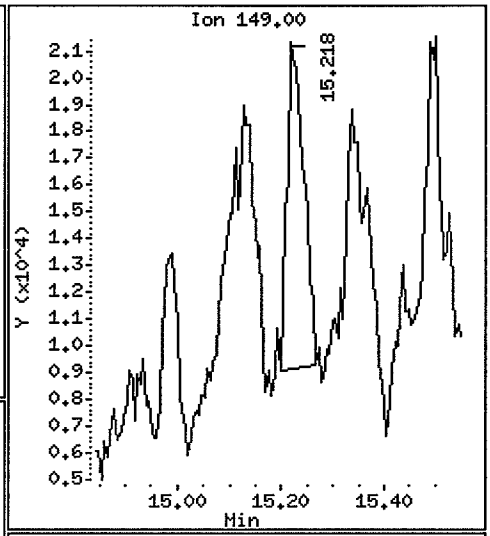
Concentration: 18.13 ug/Kg

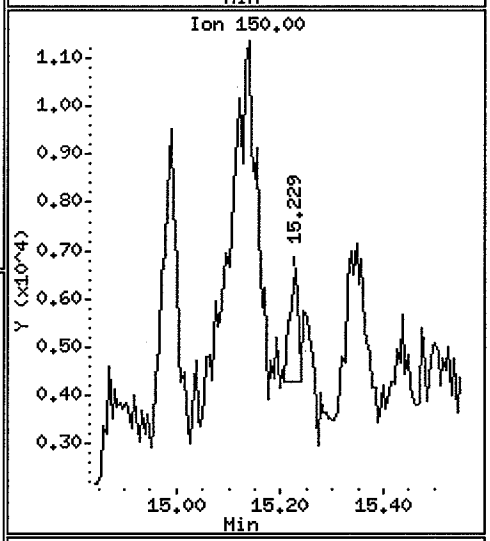


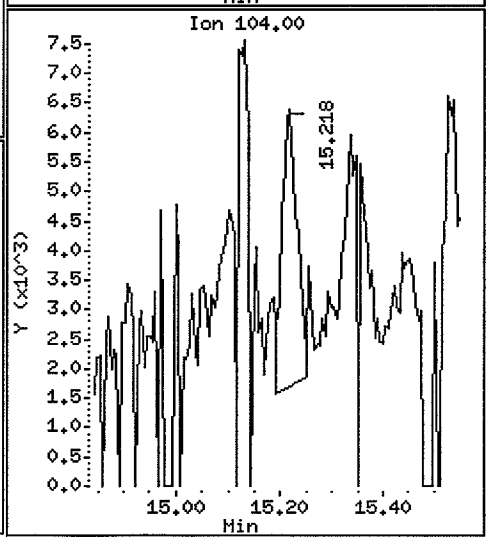












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

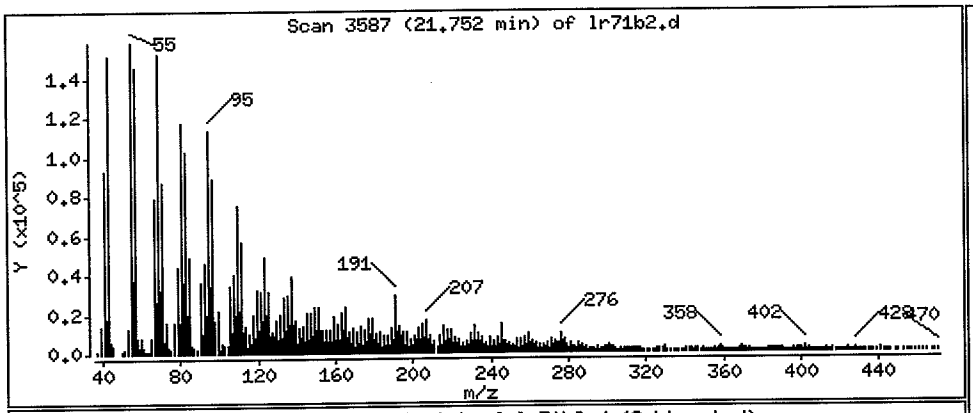
Operator: VTS

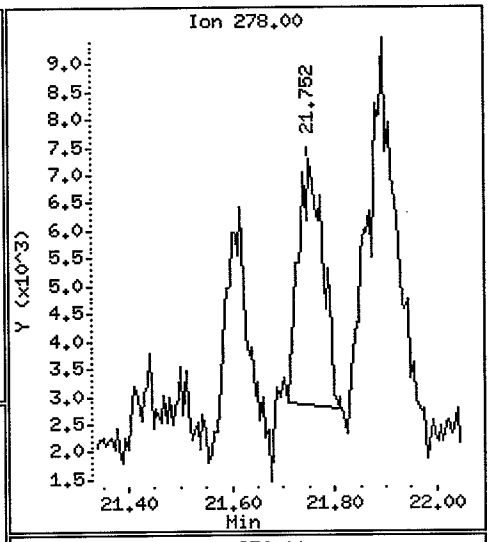
Column phase: ZB-5

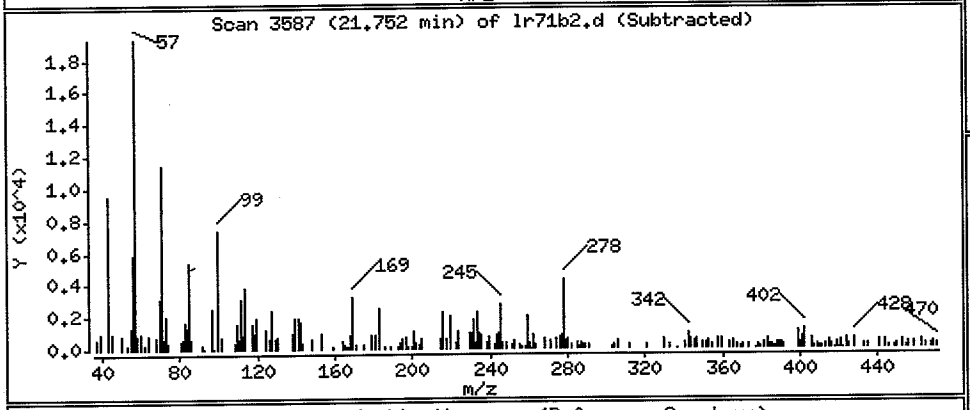
Column diameter: 0.32

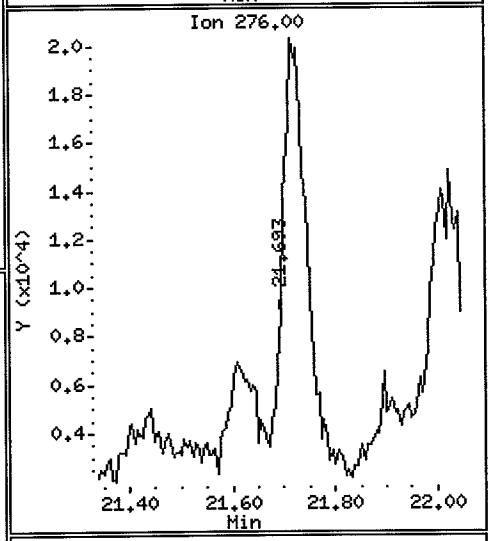
79 Dibenzo(a,h)anthracene

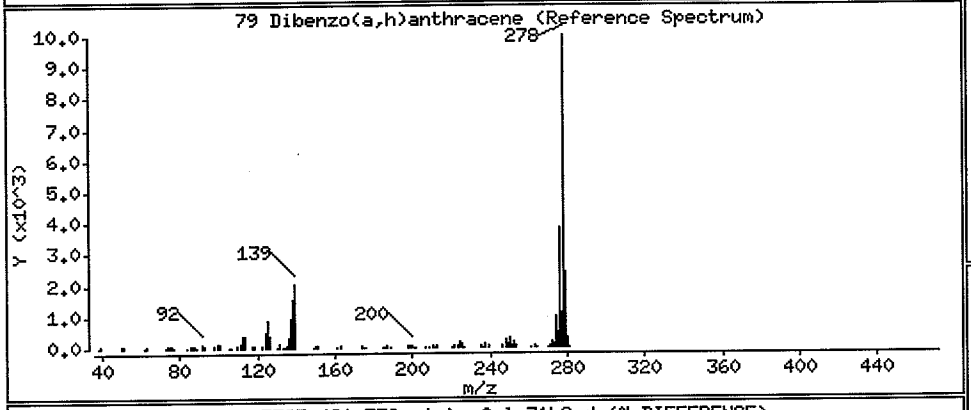
Concentration: 10.82 ug/Kg

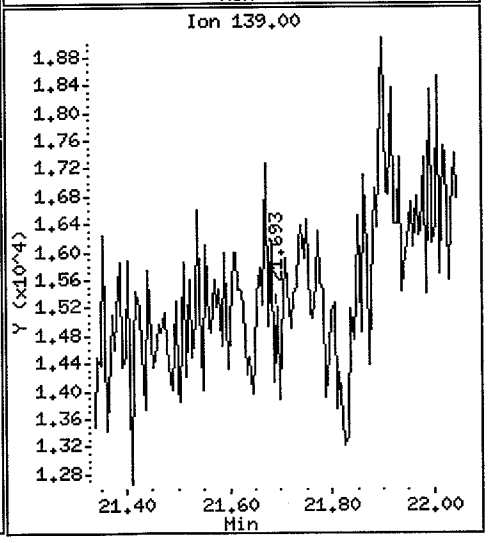


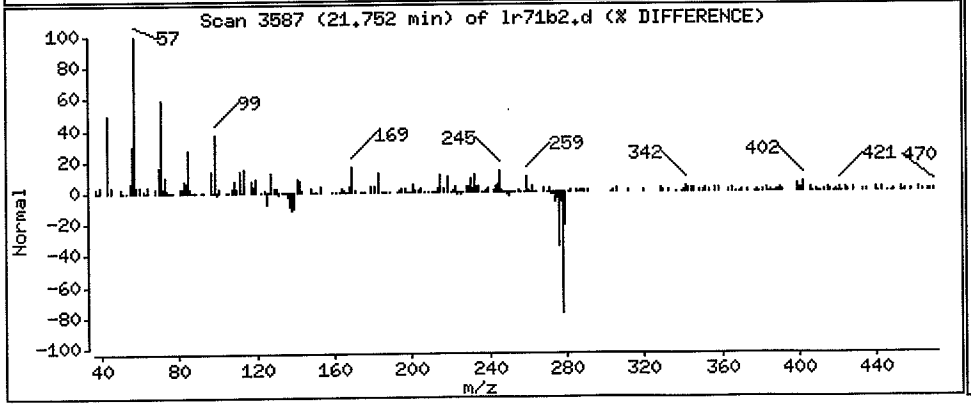












Data File: /chem3/nt4.i/20071101.b/lr71b2.d

Date : 01-NOV-2007 17:11

Client ID:

Instrument: nt4.i

Sample Info: LR71BRE

Volume Injected (uL): 1.0

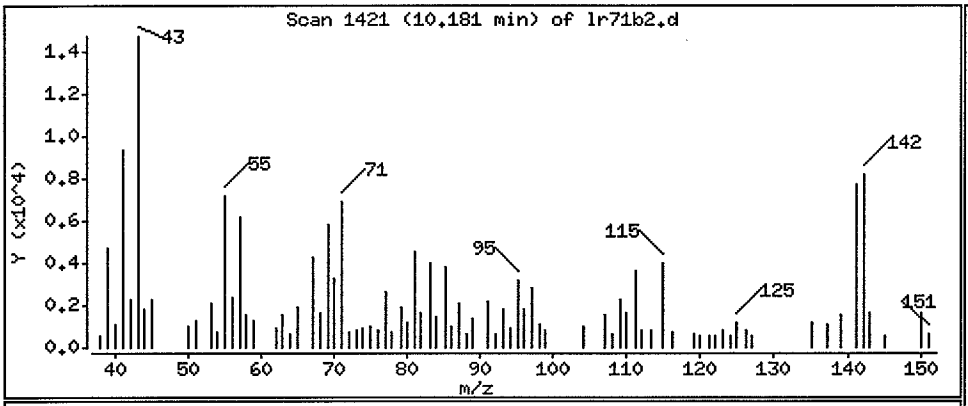
Operator: VTS

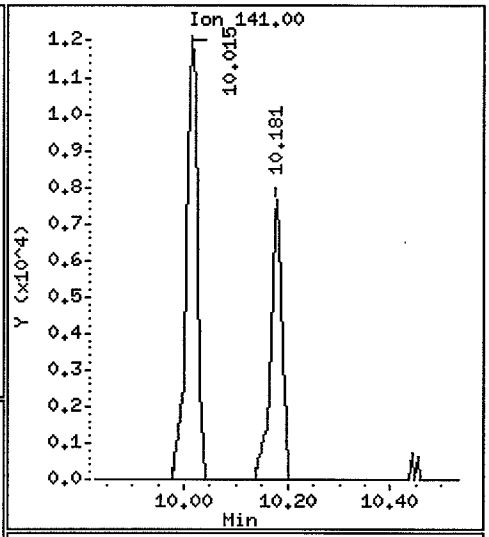
Column phase: ZB-5

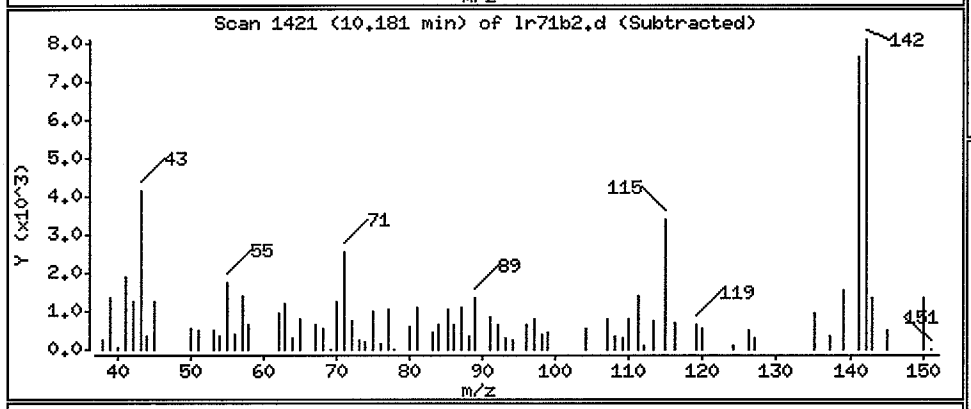
Column diameter: 0.32

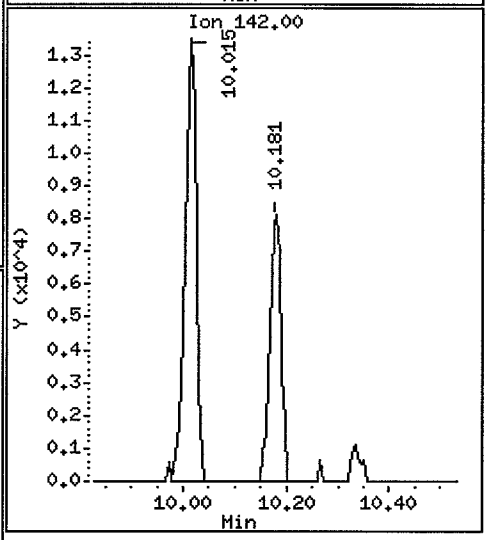
105 1-methylnaphthalene

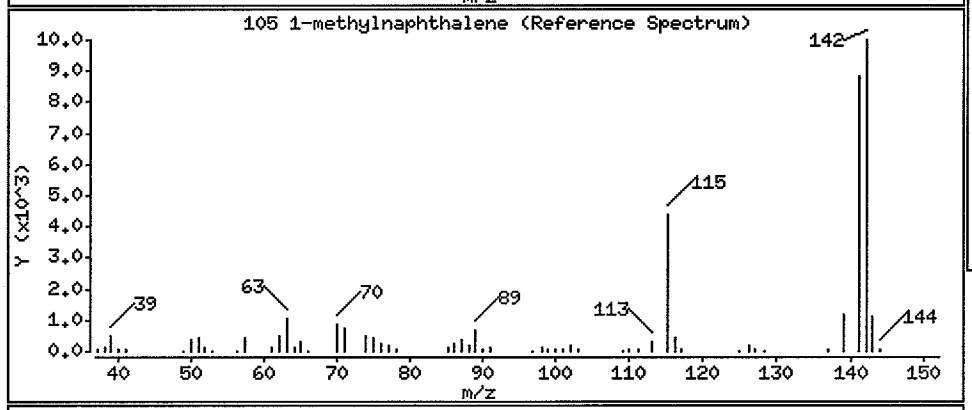
Concentration: 15.48 ug/Kg

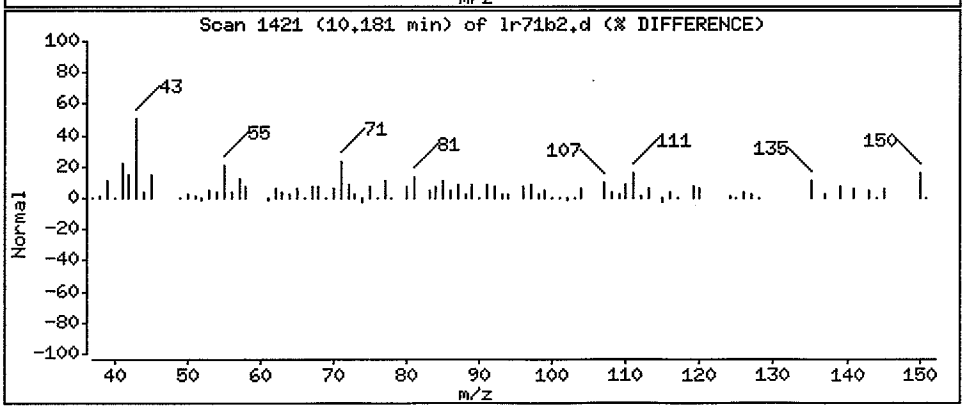












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-03-070928**
Page 1 of 2 **SAMPLE**

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 15:47
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 33.2%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**63**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**22**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	**Phenanthrene**	**20**	**85**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**210**
129-00-0	**Pyrene**	**20**	**190**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**83**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**110**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**120**
207-08-9	**Benzo(k)fluoranthene**	**20**	**130**
50-32-8	**Benzo(a)pyrene**	**20**	**130**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**48**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**37**

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-03-070928
SAMPLE

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Date Analyzed: 10/18/07 15:47

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	48.8%	2-Fluorobiphenyl	50.8%
d14-p-Terphenyl	63.6%	d4-1,2-Dichlorobenzene	42.8%
d5-Phenol	52.0%	2-Fluorophenol	64.8%
2,4,6-Tribromophenol	65.9%	d4-2-Chlorophenol	52.0%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71c.d
Lab Smp Id: LR71C Client Smp ID: AN-SS-03-070928
Inj Date : 18-OCT-2007 15:47
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71C
Misc Info : 07-20768
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 10/25/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	75.00000	Weight of sample extracted (g)
M	33.20000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.987	5.917	(0.756)	362329	24.2551	484.1
$	2 Phenol-d5	99	7.504	7.488	(0.948)	371838	19.4856	388.9
	3 Phenol	94	7.520	7.504	(0.950)	14391	0.60851 LDL	12.15
$	5 2-Chlorophenol-d4	132	7.617	7.600	(0.962)	247885	19.5037	389.3
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.916	7.904	(1.000)	202713	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	8.215	8.204	(1.038)	101634	10.5637	212.8
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.685	8.674	(1.097)	44949	3.15752	63.02
$	18 Nitrobenzene-d5	82	8.851	8.845	(0.888)	246256	12.1596	242.7
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.972	9.961	(1.000)	630327	20.0000	
	28 Naphthalene	128	10.004	9.999	(1.003)	42393	1.09109	21.78
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.783	11.777	(0.917)	368550	12.6783	253.1
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	12.595	12.584	(0.980)	35452	0.92602 LDL	18.48
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.852	12.841	(1.000)	373356	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.150	14.139	(1.101)	89365	24.6705	492.4
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.240	15.223	(1.000)	659639	20.0000	
	60 Phenanthrene	178	15.272	15.261	(1.002)	180763	4.27105	85.25
	61 Anthracene	178	15.341	15.335	(1.007)	34576	0.81590 LDL	16.29
	62 Carbazole	167	15.635	15.624	(1.026)	34641	0.91896 ↓	18.34 (M)
	63 Di-n-butylphthalate	149	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
64 Fluoranthene	202	17.222	17.205	(1.130)	508045	10.4969	209.5
65 Pyrene	202	17.580	17.563	(0.898)	527529	9.70601	193.7
$ 66 Terphenyl-d14	244	17.905	17.884	(0.915)	540569	15.8900	317.2
67 Butylbenzylphthalate	149	Compound Not Detected.					
68 Benzo(a)anthracene	228	19.551	19.529	(0.999)	247542	4.17491	83.33
* 69 Chrysene-d12	240	19.578	19.556	(1.000)	756753	20.0000	
70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71 Chrysene	228	19.615	19.598	(1.002)	296455	5.56375	111.1
72 bis(2-Ethylhexyl)phthalate	149	19.802	19.785	(0.955)	30724	0.93838 LOL	18.73(M)
* 134 Di-n-octylphthalate-d4	153	20.737	20.720	(1.000)	1082814	20.0000	
73 Di-n-octylphthalate	149	Compound Not Detected.					
74 Benzo(b)fluoranthene	252	21.212	21.190	(0.975)	291857	5.98964	119.6
75 Benzo(k)fluoranthene	252	21.239	21.228	(0.977)	327269	6.34915	126.7(M)
76 Benzo(a)pyrene	252	21.661	21.639	(0.996)	291845	6.52452	130.2
* 77 Perylene-d12	264	21.746	21.719	(1.000)	678558	20.0000	
78 Indeno(1,2,3-cd)pyrene	276	23.232	23.215	(1.068)	128555	2.42334	48.37(M)
79 Dibenzo(a,h)anthracene	278	23.248	23.236	(1.069)	23807	0.53415 LOL	10.66(M)
80 Benzo(g,h,i)perylene	276	23.638	23.616	(1.087)	98203	1.85119	36.95
90 N-Nitrosodimethylamine	74	Compound Not Detected.					
91 Aniline	93	Compound Not Detected.					
93 Benzidine	184	Compound Not Detected.					
103 Pyridine	79	Compound Not Detected.					
105 1-methylnaphthalene	141	Compound Not Detected.					
111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71c.d
Lab Smp Id: LR71C
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20768

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-03-070928
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	202713	-4.41
27 Naphthalene-d8	656578	328289	1313156	630327	-4.00
42 Acenaphthene-d10	353705	176852	707410	373356	5.56
59 Phenanthrene-d10	526440	263220	1052880	659639	25.30
69 Chrysene-d12	581923	290962	1163846	756753	30.04
134 Di-n-octylphthala	979097	489548	1958194	1082814	10.59
77 Perylene-d12	686531	343266	1373062	678558	-1.16

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.92	0.14
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.11
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.09
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.11
69 Chrysene-d12	19.56	19.06	20.06	19.58	0.11
134 Di-n-octylphthala	20.72	20.22	21.22	20.74	0.08
77 Perylene-d12	21.72	21.22	22.22	21.75	0.13

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

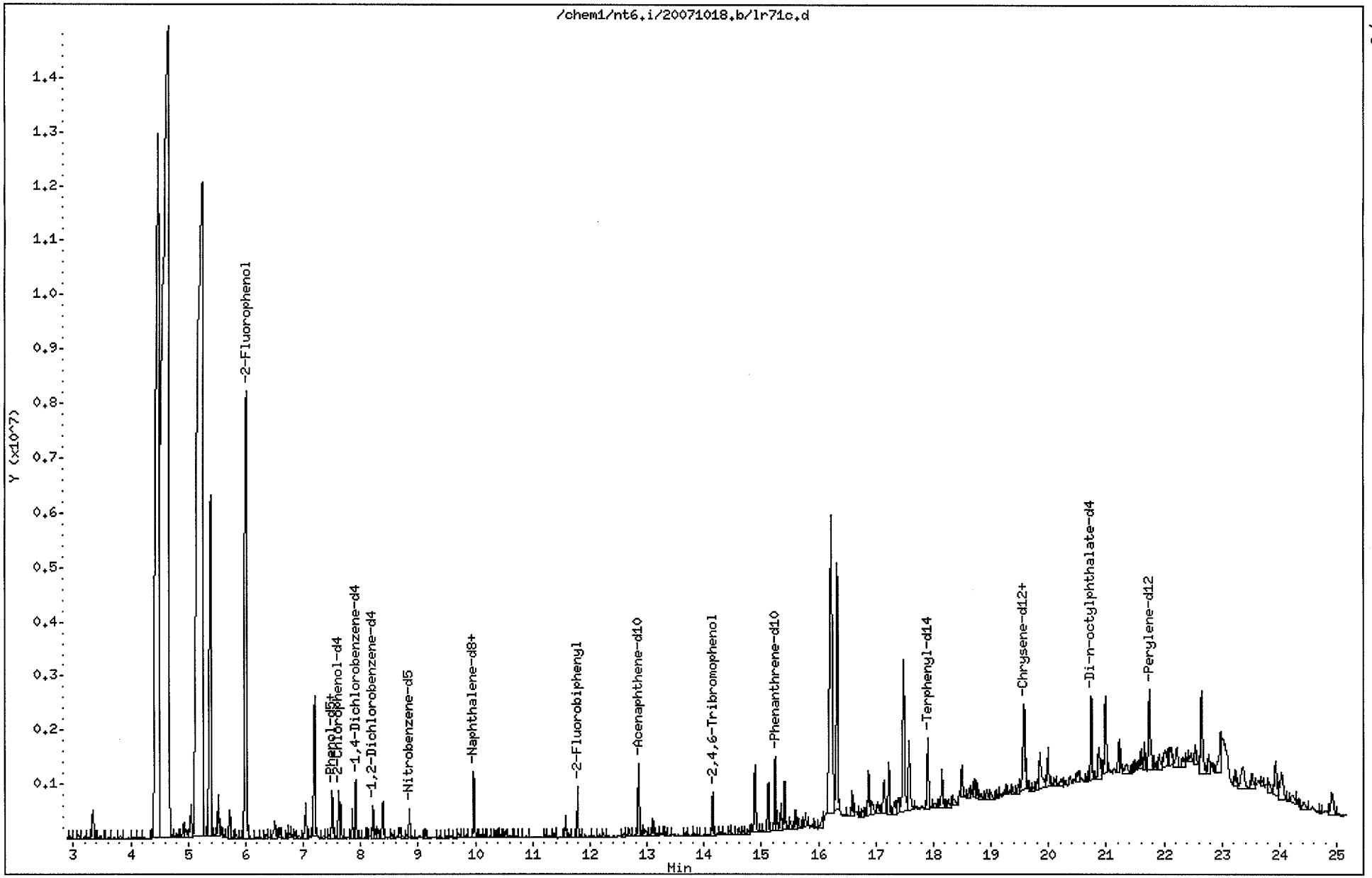
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71C
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20768

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-03-070928
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	748.5	484.1	64.68	11-84
$ 2 Phenol-d5	748.5	388.9	51.96	25-86
$ 5 2-Chlorophenol-d4	748.5	389.3	52.01	23-91
$ 10 1,2-Dichlorobenzen	499.0	212.8	42.65	24-90
$ 18 Nitrobenzene-d5	499.0	242.7	48.64	26-88
$ 36 2-Fluorobiphenyl	499.0	253.1	50.71	34-91
$ 55 2,4,6-Tribromophen	748.5	492.4	65.79	25-107
$ 66 Terphenyl-d14	499.0	317.2	63.56	22-100

Data File: /chem1/nt6.i/20071018.b/lr71c.d
Date : 18-OCT-2007 15:47
Client ID: AN-SS-03-070928
Sample Info: LR71C
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



0294

Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

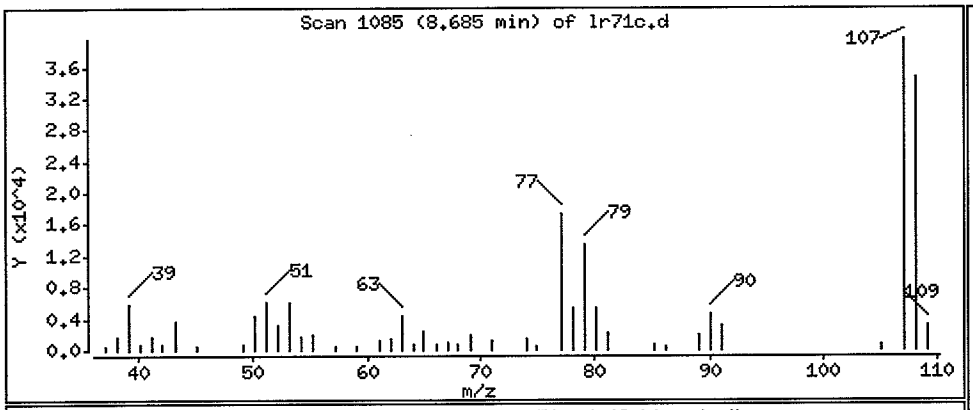
Client ID: AN-SS-03-070928 Instrument: nt6.i

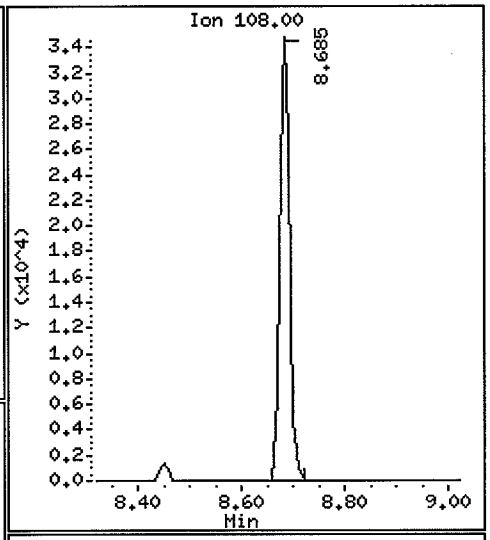
Sample Info: LR71C

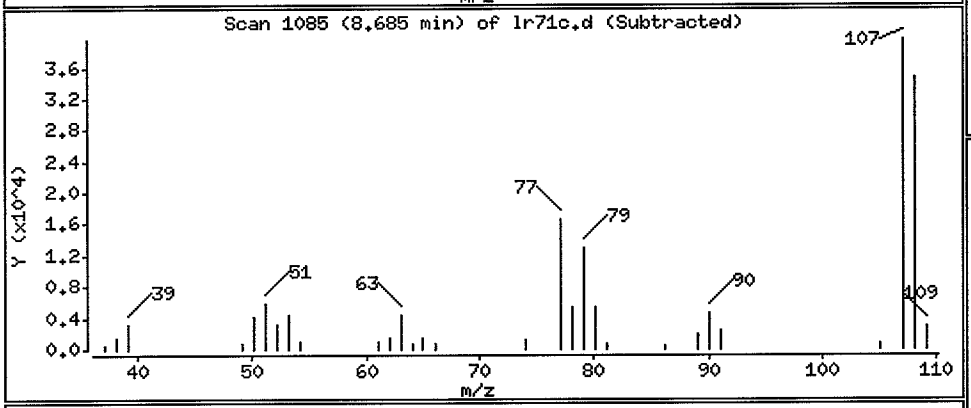
Volume Injected (uL): 1.0 Operator: LJR/VTS

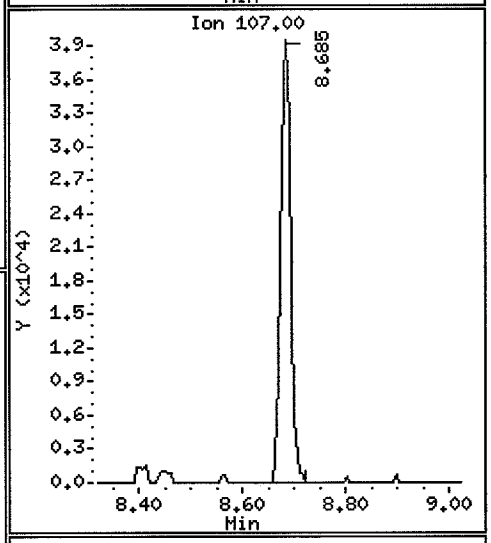
Column phase: ZB-5 Column diameter: 0.32

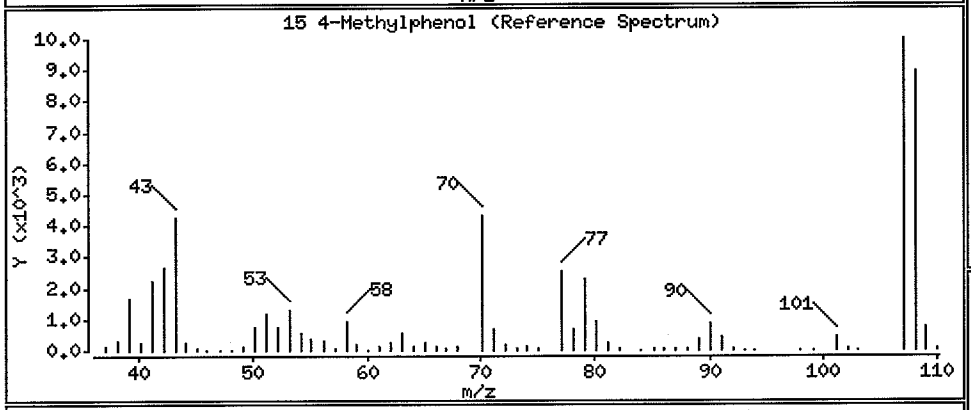
15 4-Methylphenol Concentration: 63.02 ug/kg

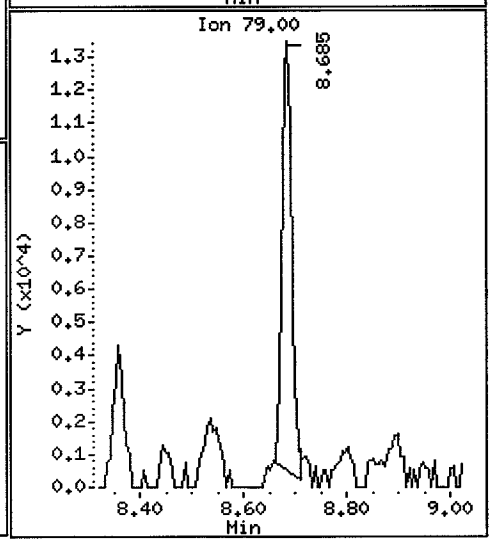


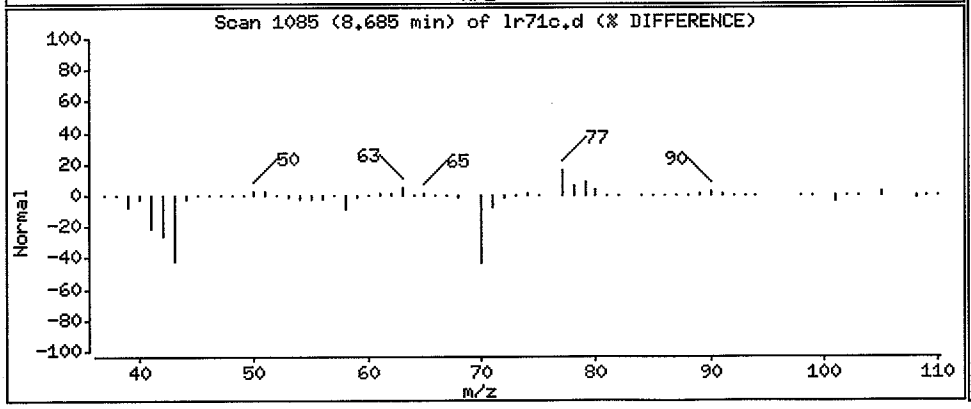












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

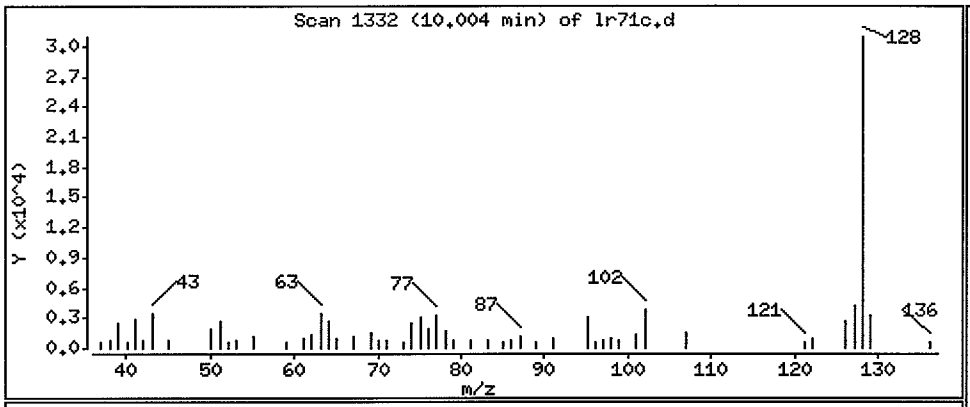
Client ID: AN-SS-03-070928 Instrument: nt6.i

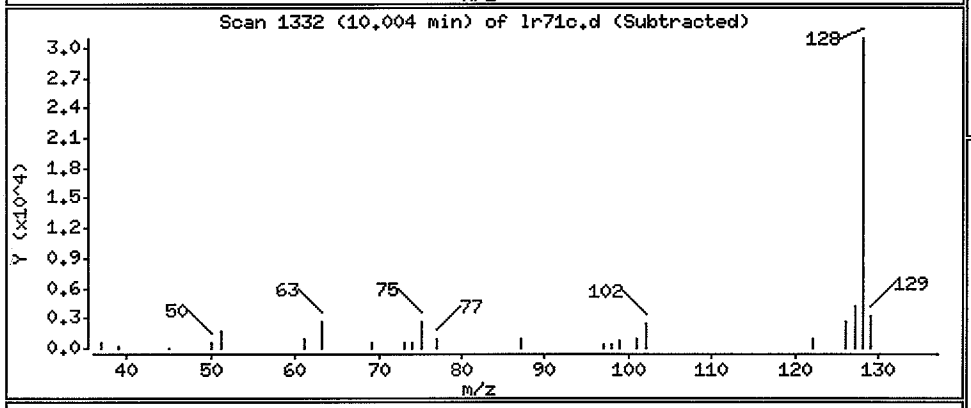
Sample Info: LR71C

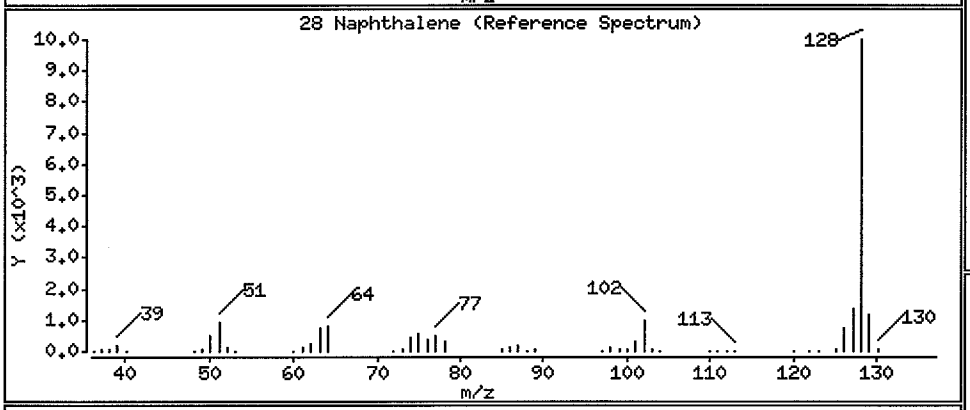
Volume Injected (uL): 1.0 Operator: LJR/VTS

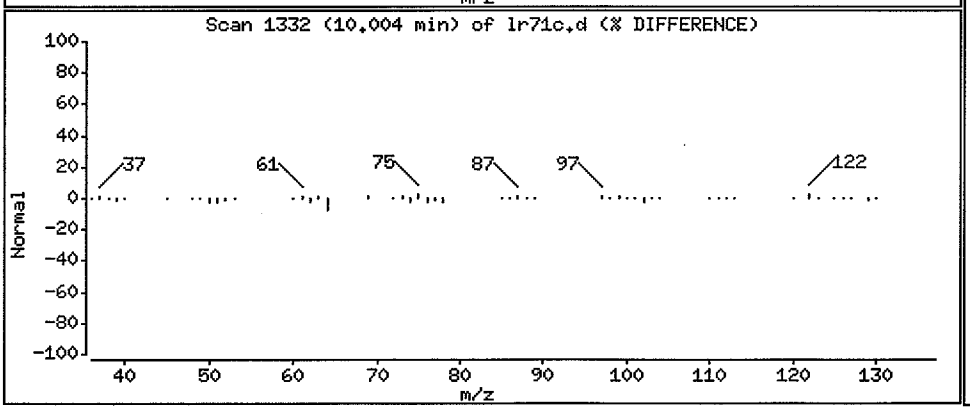
Column phase: ZB-5 Column diameter: 0.32

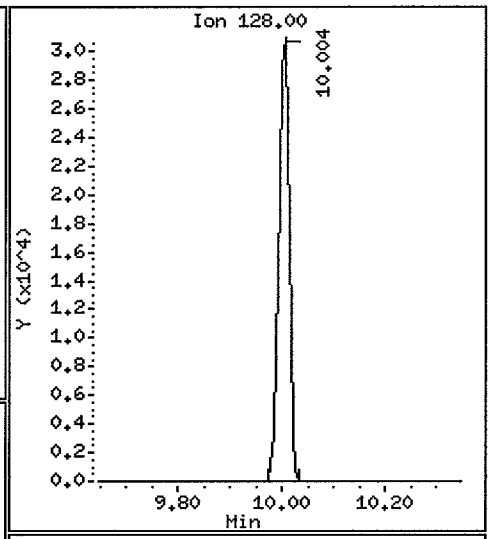
28 Naphthalene Concentration: 21.78 ug/kg

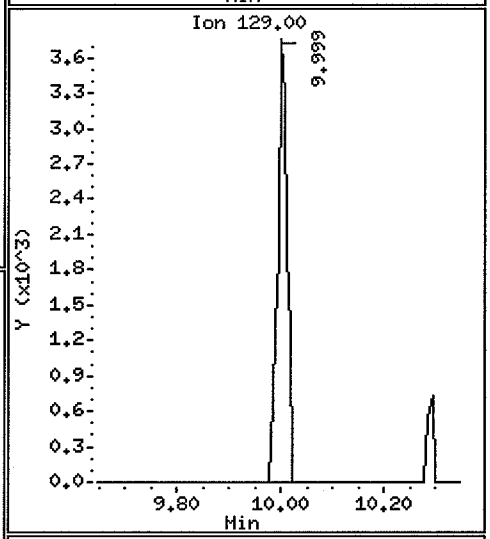


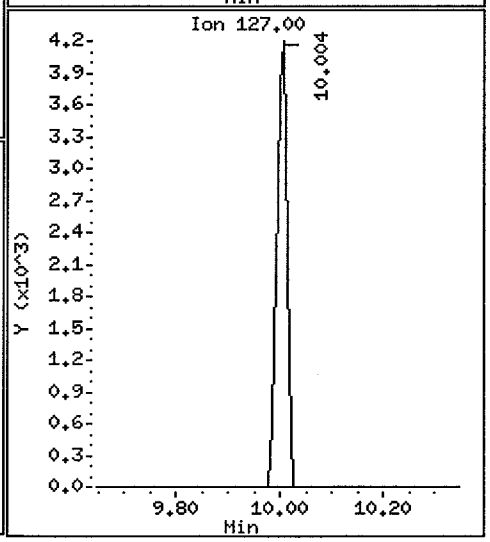












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

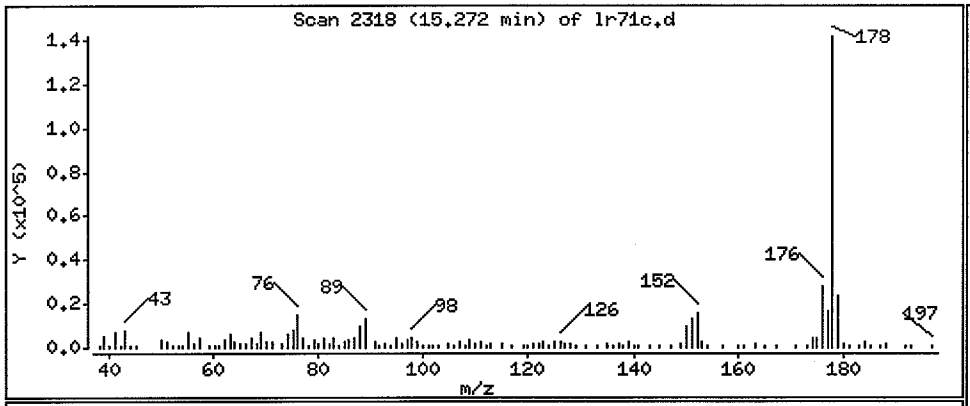
Client ID: AN-SS-03-070928 Instrument: nt6.i

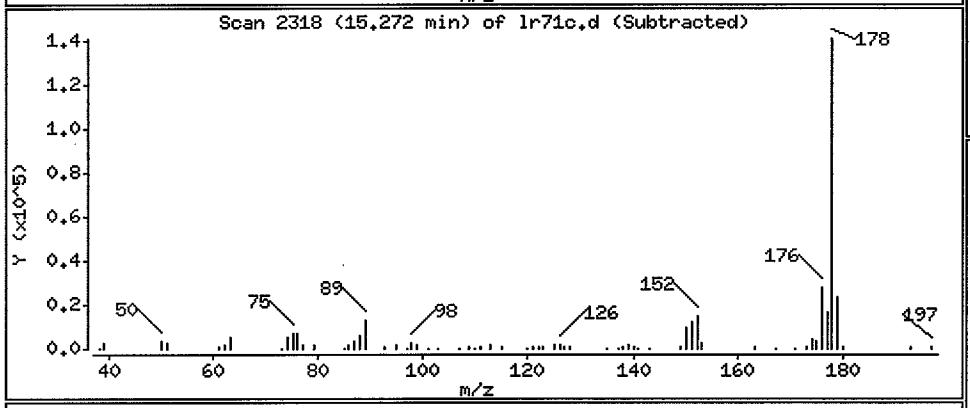
Sample Info: LR71C

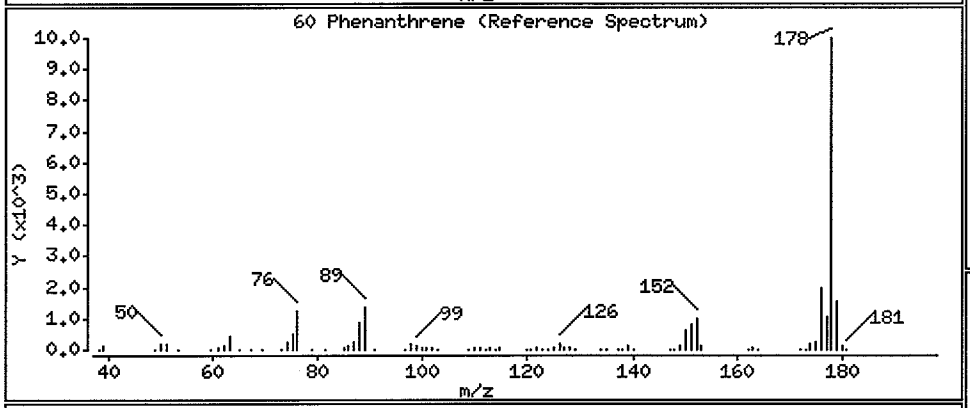
Volume Injected (uL): 1.0 Operator: LJR/VTS

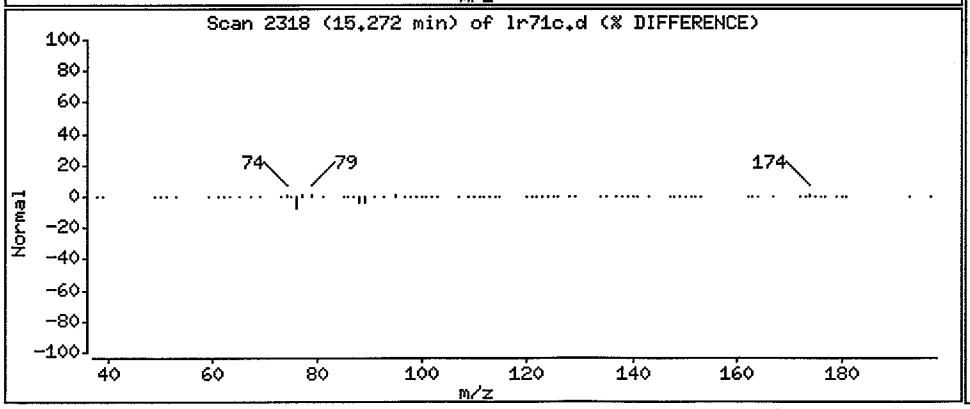
Column phase: ZB-5 Column diameter: 0.32

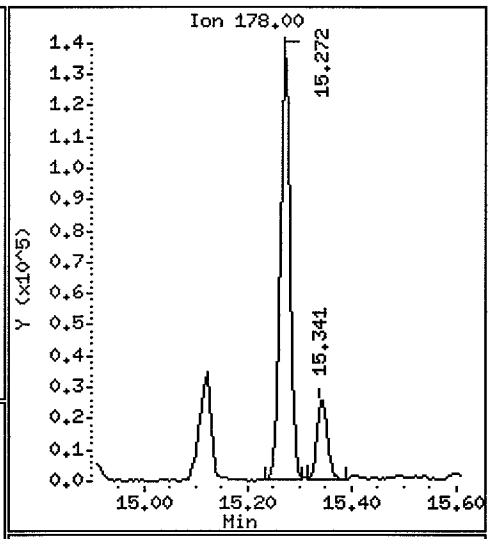
60 Phenanthrene Concentration: 85.25 ug/kg

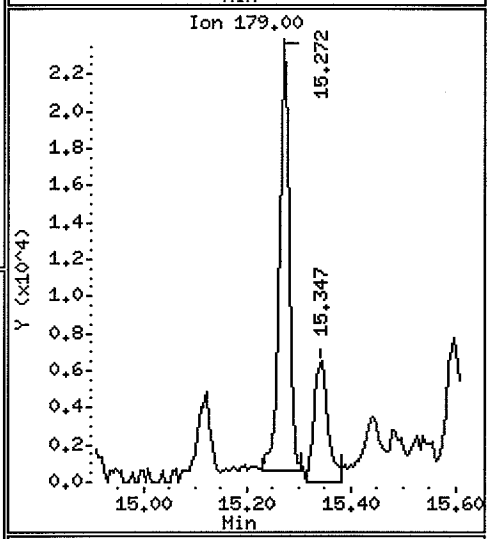


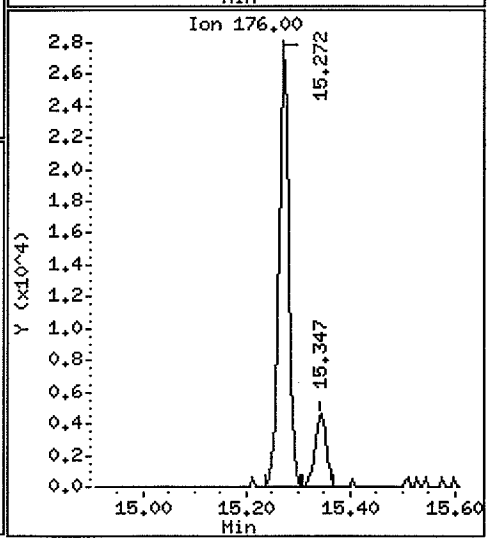












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

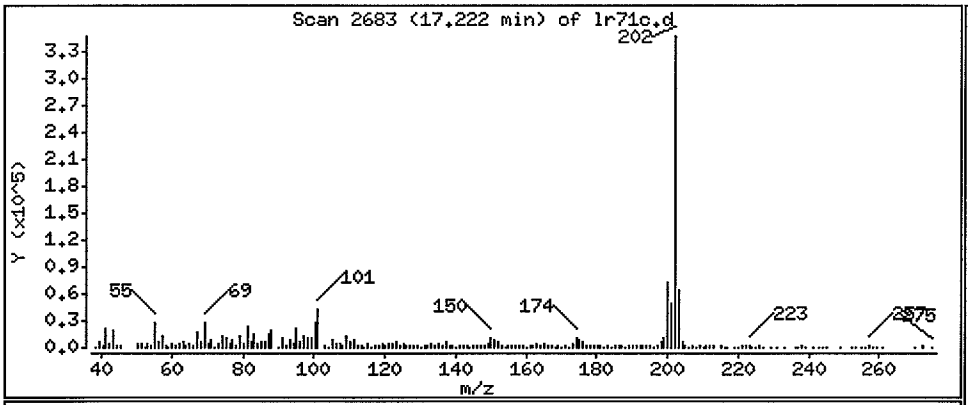
Client ID: AN-SS-03-070928 Instrument: nt6.i

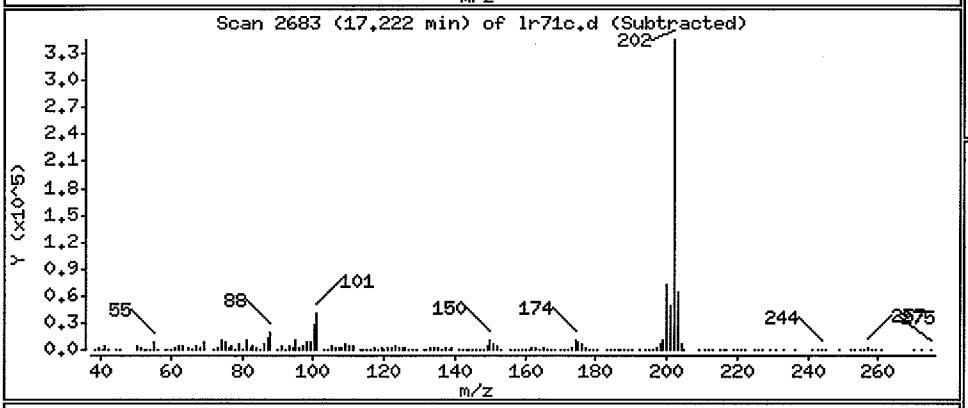
Sample Info: LR71C

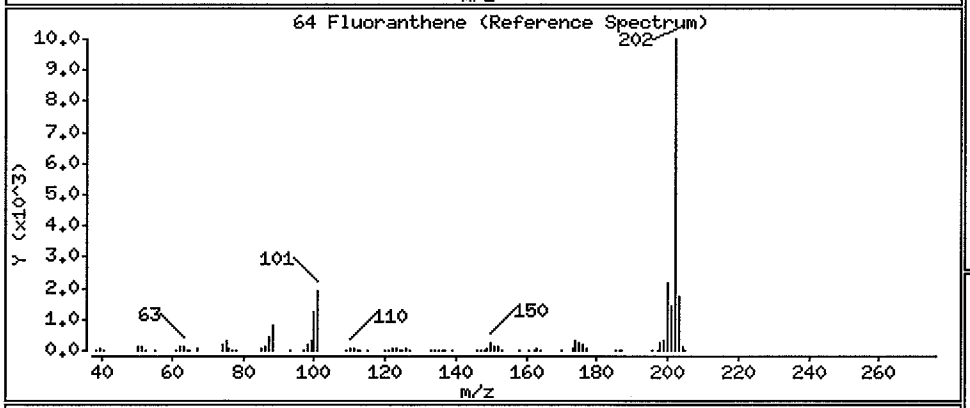
Volume Injected (uL): 1.0 Operator: LJR/VTS

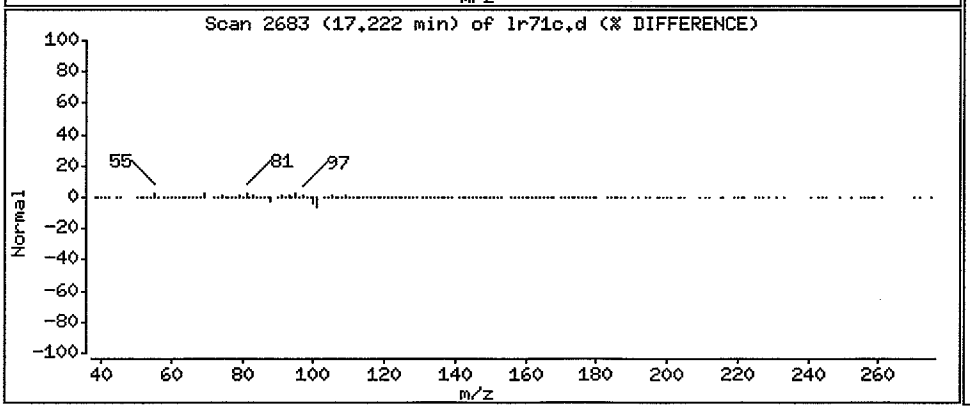
Column phase: ZB-5 Column diameter: 0.32

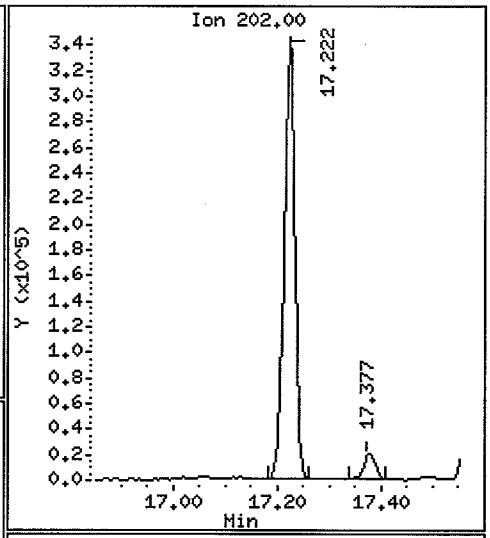
64 Fluoranthene Concentration: 209.5 ug/kg

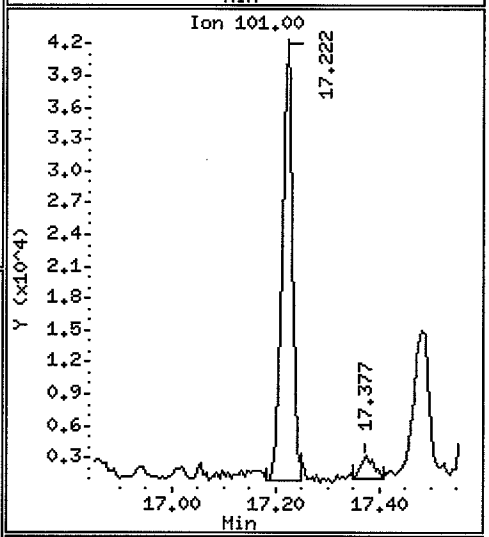


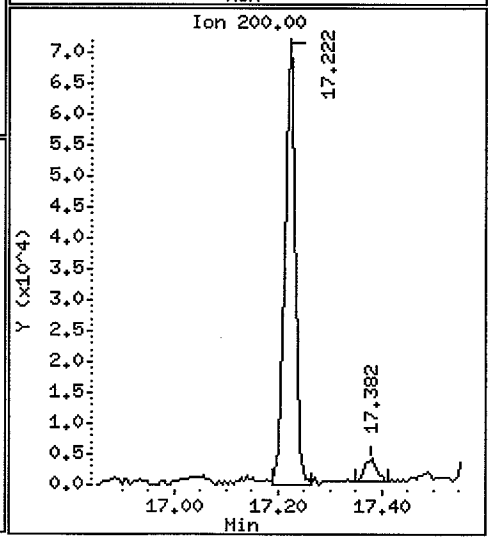












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

Client ID: AN-SS-03-070928

Instrument: nt6.i

Sample Info: LR71C

Volume Injected (uL): 1.0

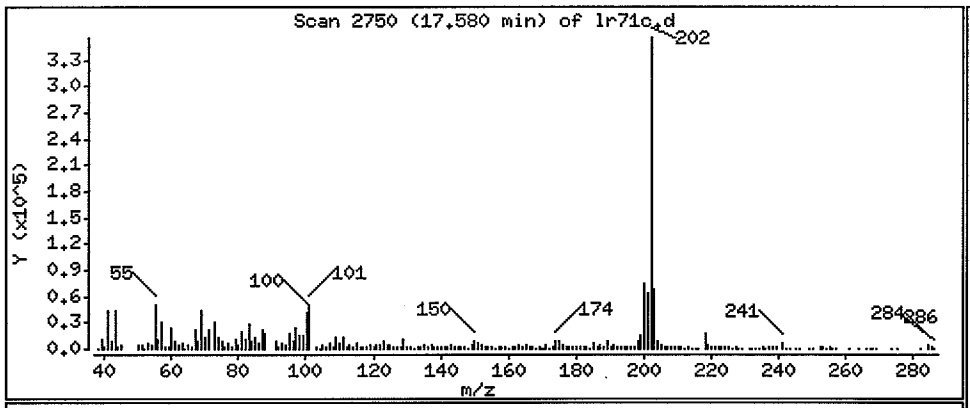
Operator: LJR/VTS

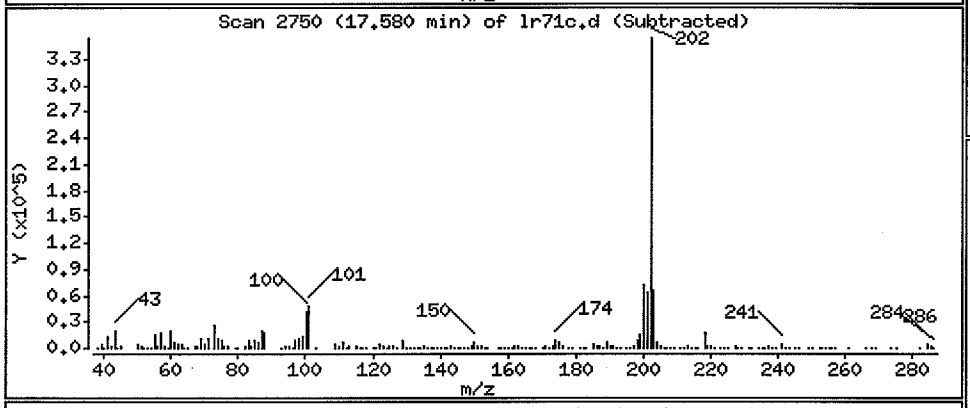
Column phase: ZB-5

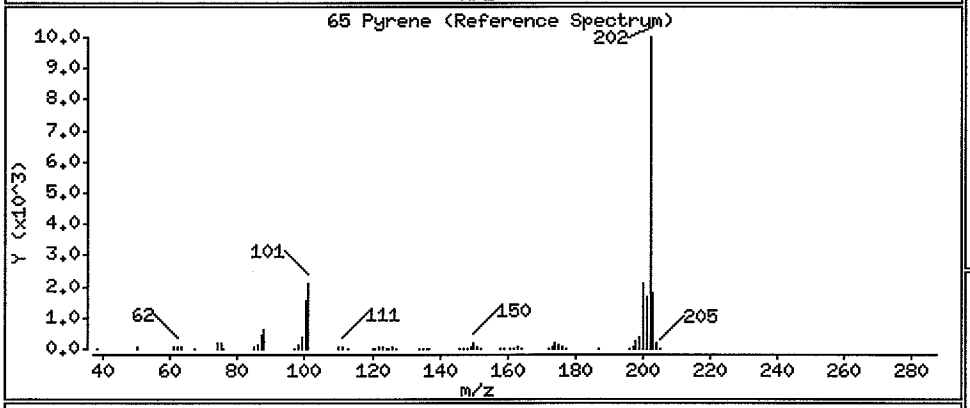
Column diameter: 0.32

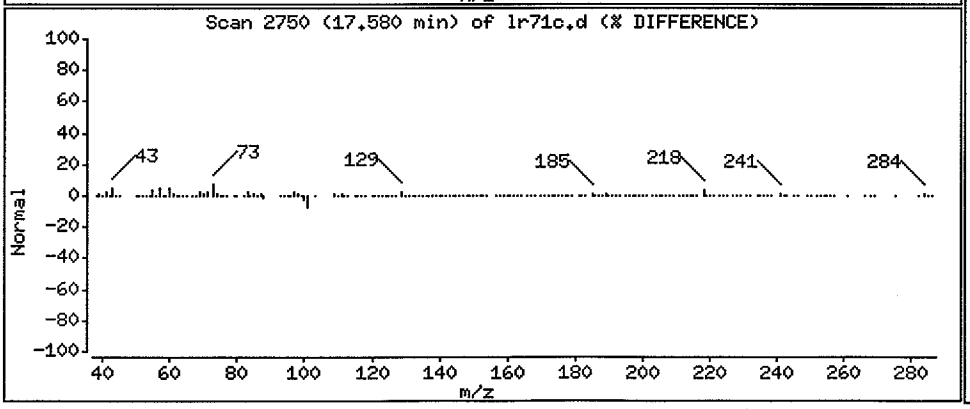
65 Pyrene

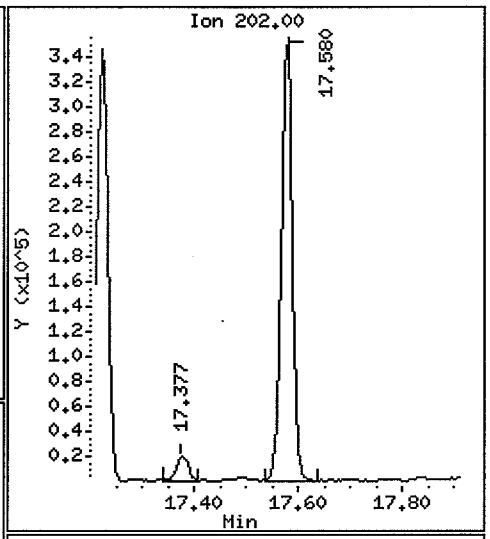
Concentration: 193.7 ug/kg

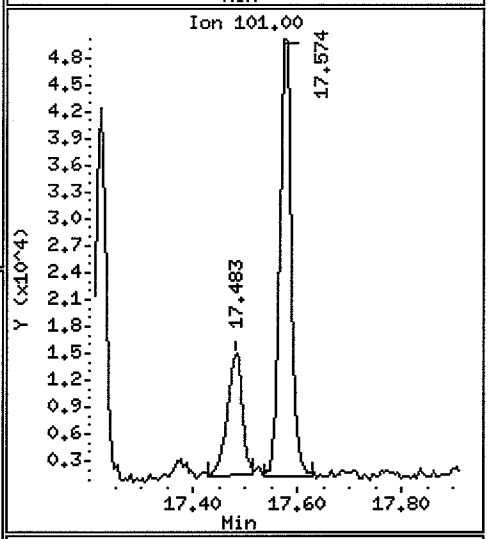


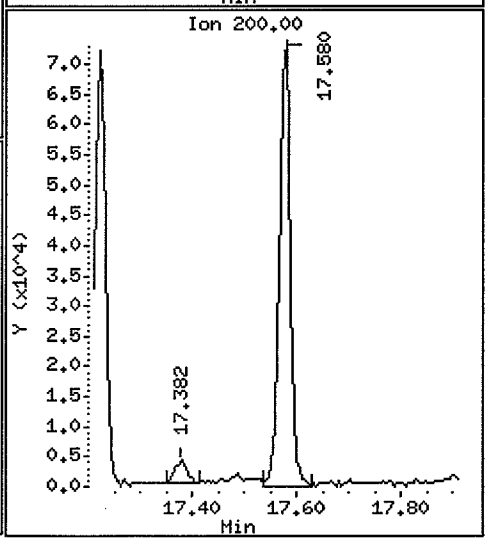












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

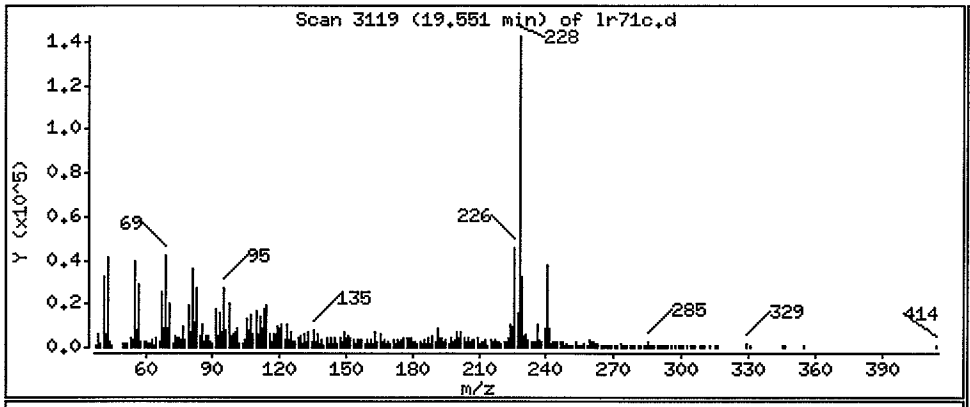
Client ID: AN-SS-03-070928 Instrument: nt6.i

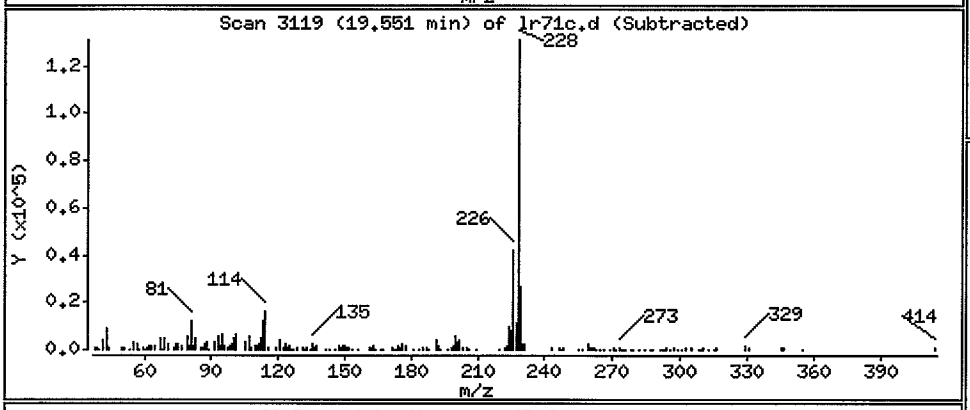
Sample Info: LR71C

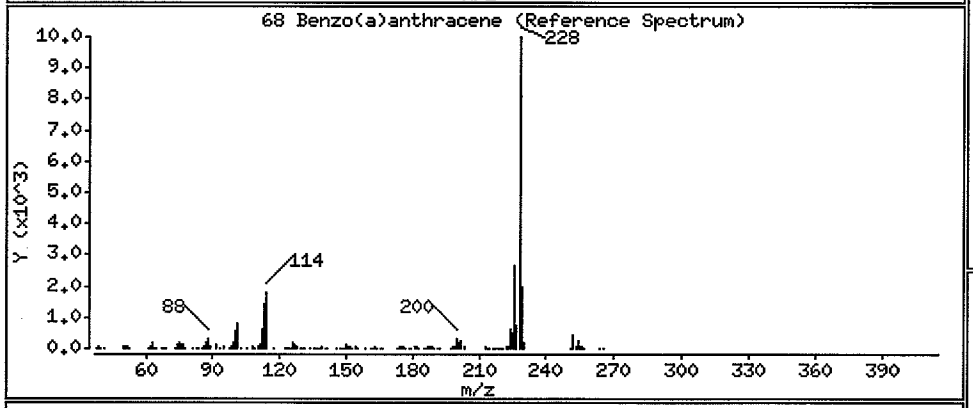
Volume Injected (uL): 1.0 Operator: LJR/VTS

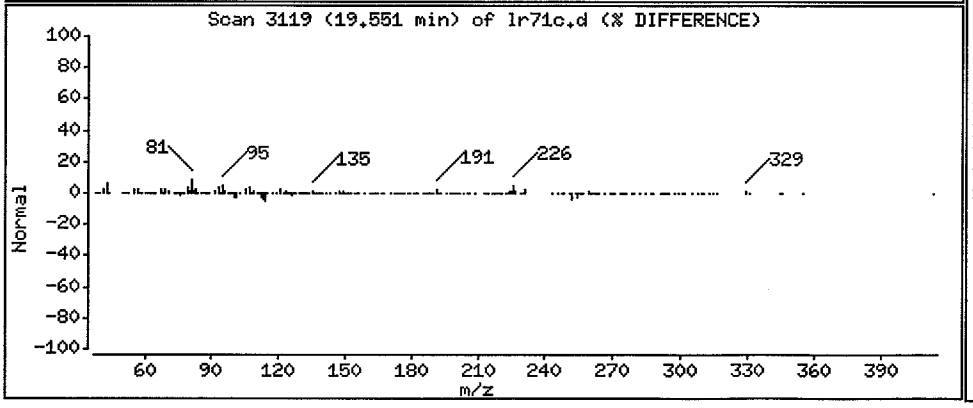
Column phase: ZB-5 Column diameter: 0.32

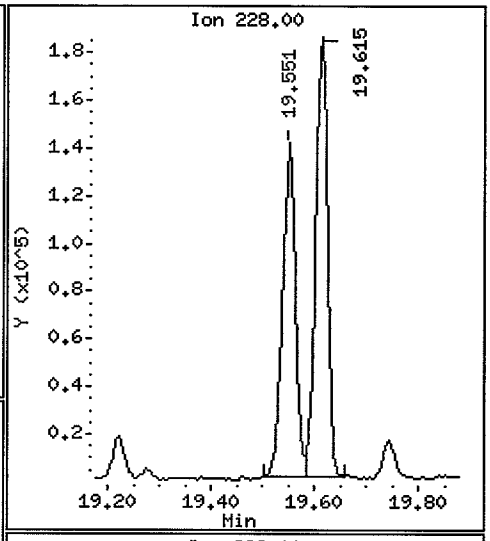
68 Benzo(a)anthracene Concentration: 83.33 ug/kg

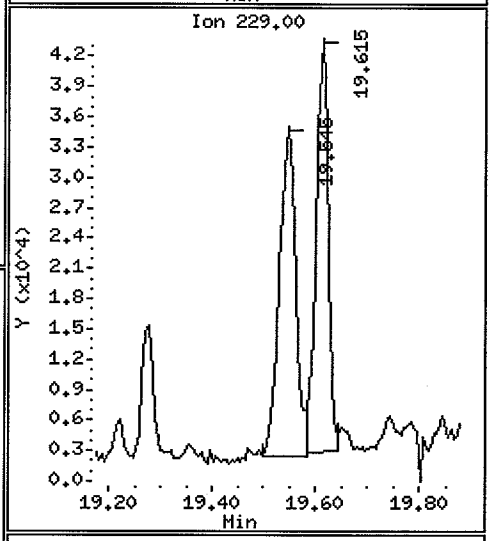


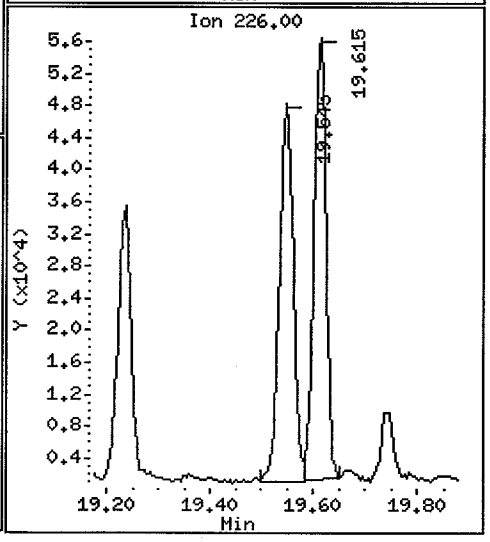












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

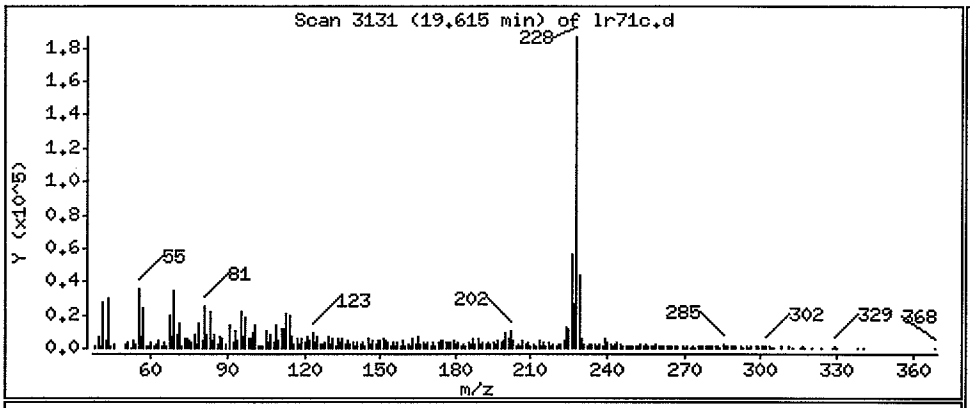
Client ID: AN-SS-03-070928 Instrument: nt6.i

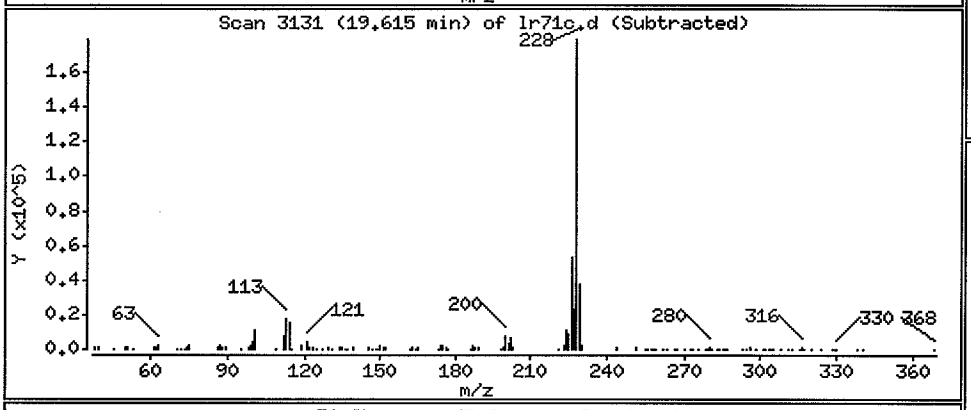
Sample Info: LR71C

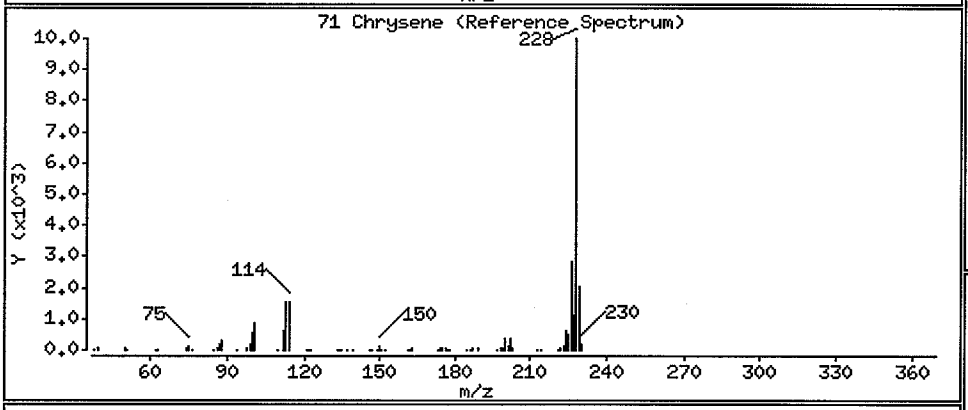
Volume Injected (uL): 1.0 Operator: LJR/VTS

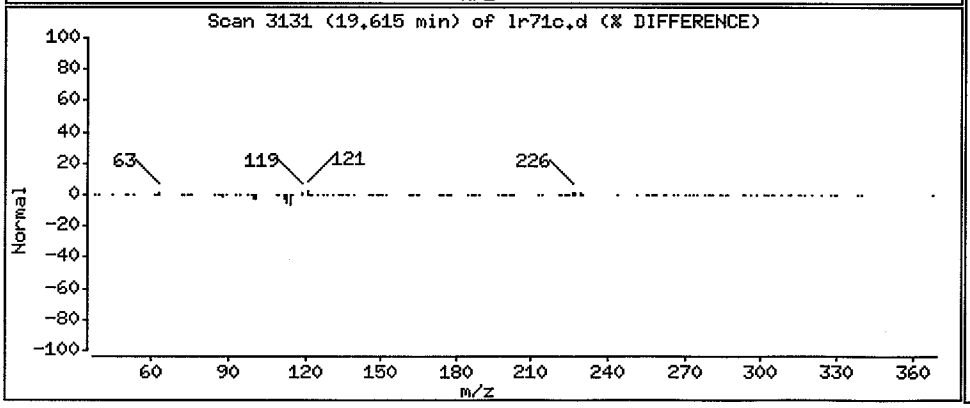
Column phase: ZB-5 Column diameter: 0.32

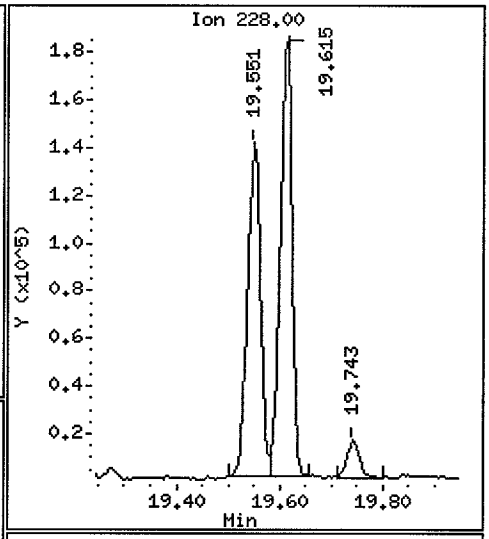
71 Chrysene Concentration: 111.1 ug/kg

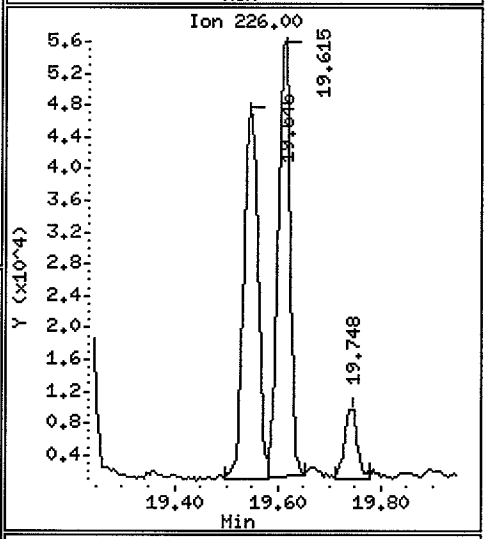


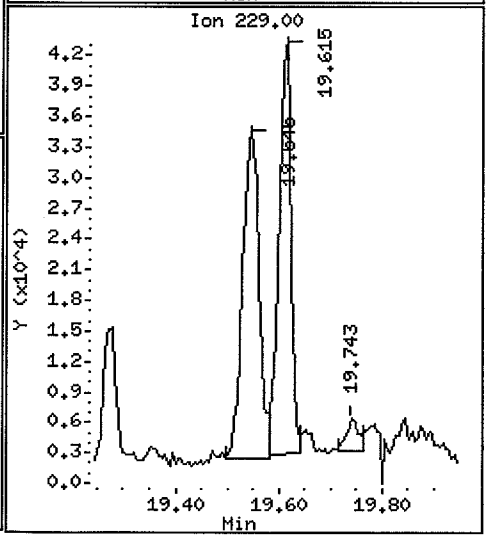












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

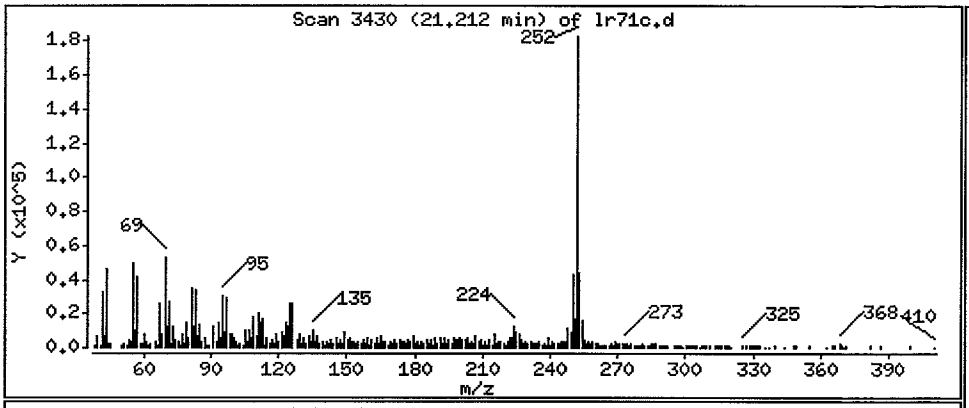
Client ID: AN-SS-03-070928 Instrument: nt6.i

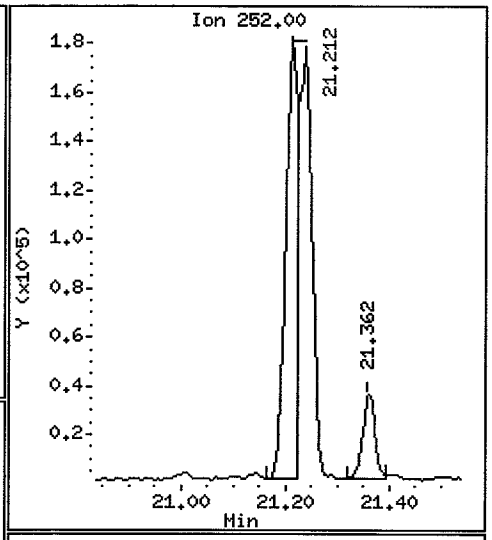
Sample Info: LR71C

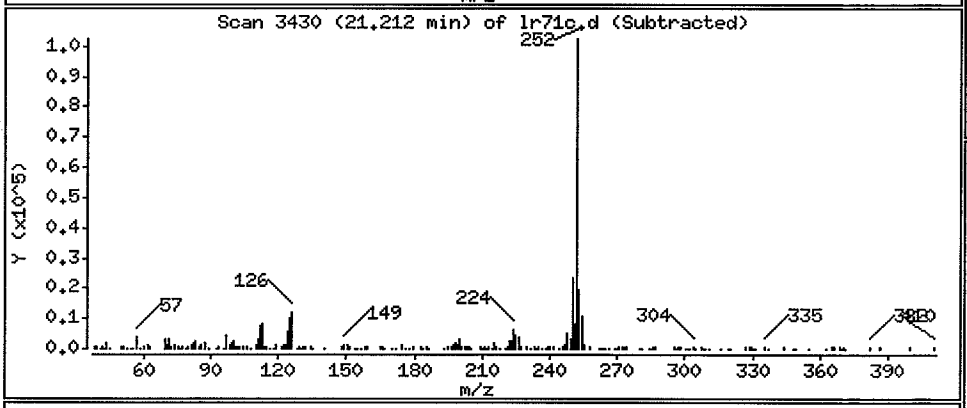
Volume Injected (uL): 1.0 Operator: LJR/VTS

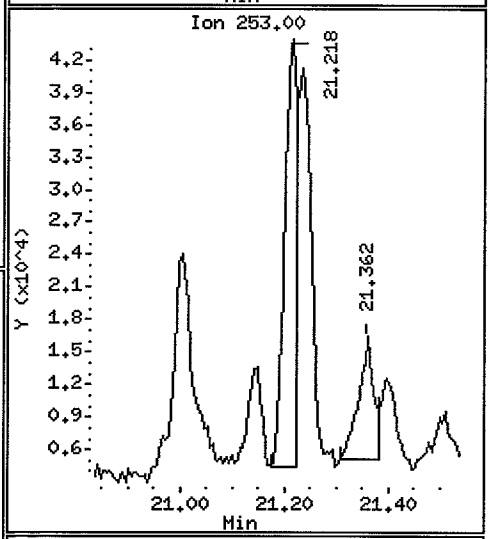
Column phase: ZB-5 Column diameter: 0.32

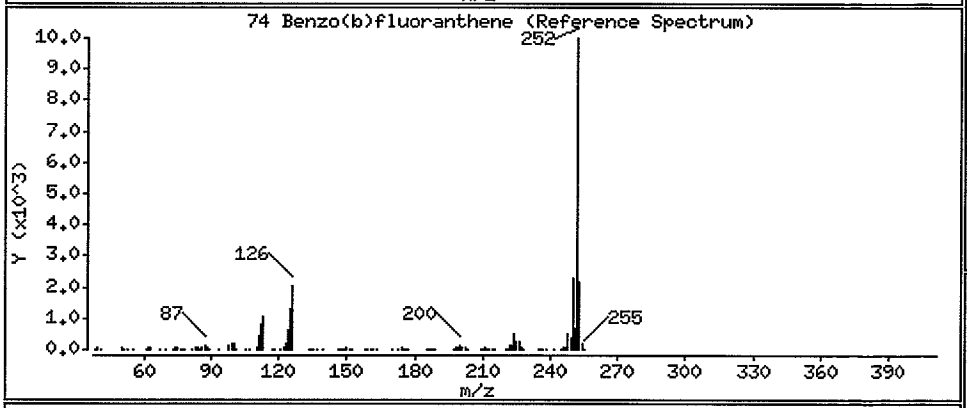
74 Benzo(b)fluoranthene Concentration: 119.6 ug/kg

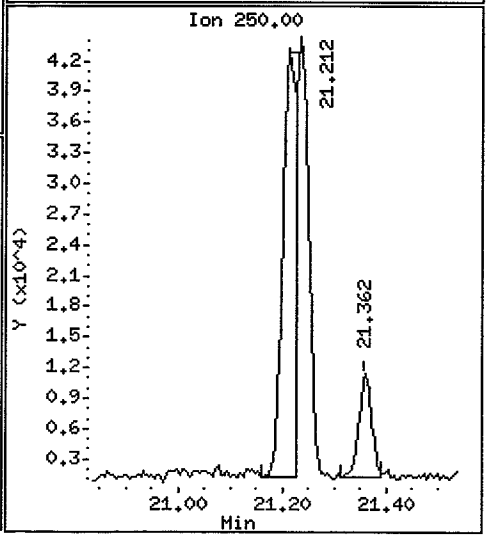


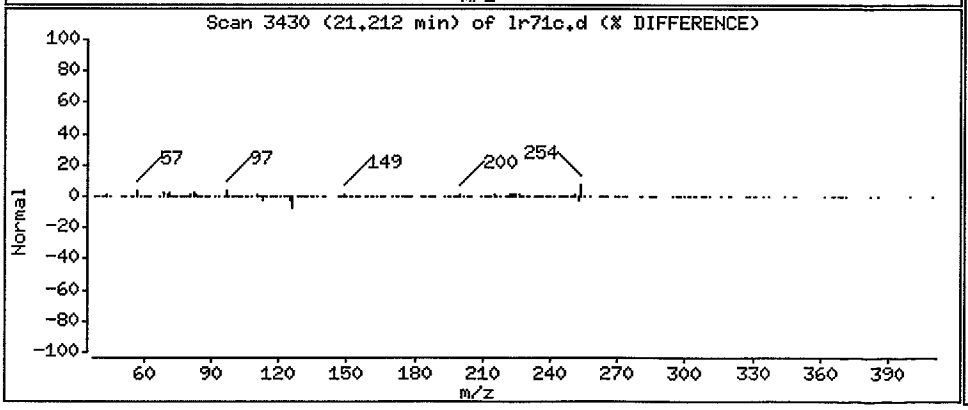












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

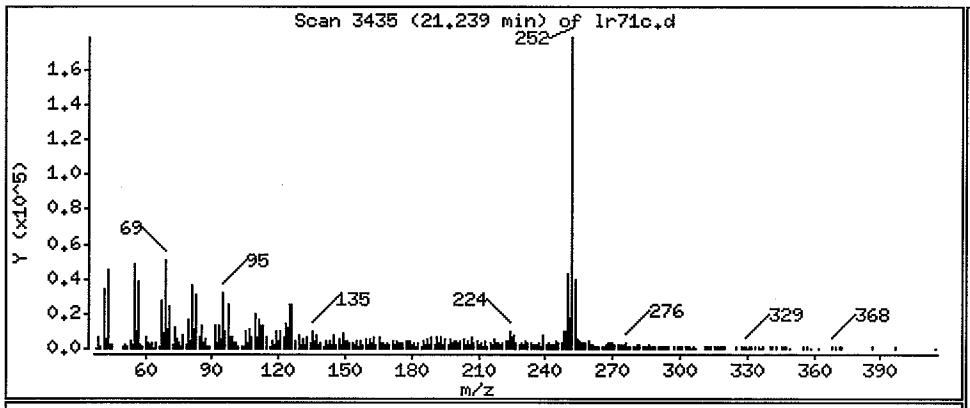
Client ID: AN-SS-03-070928 Instrument: nt6.i

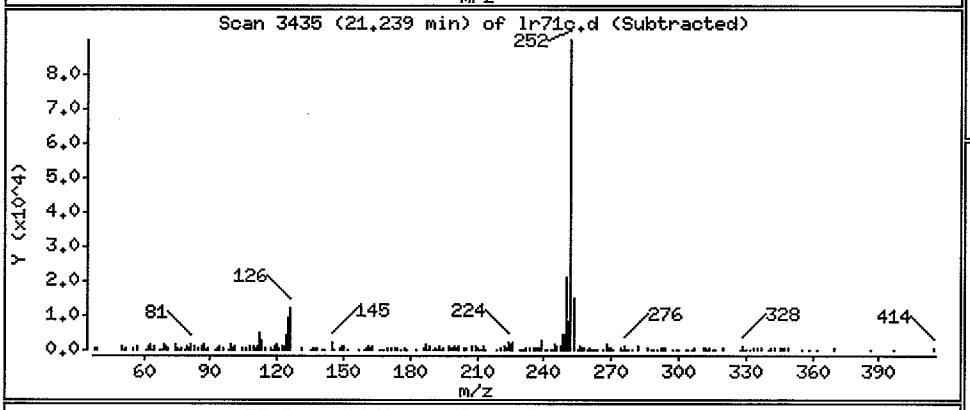
Sample Info: LR71C

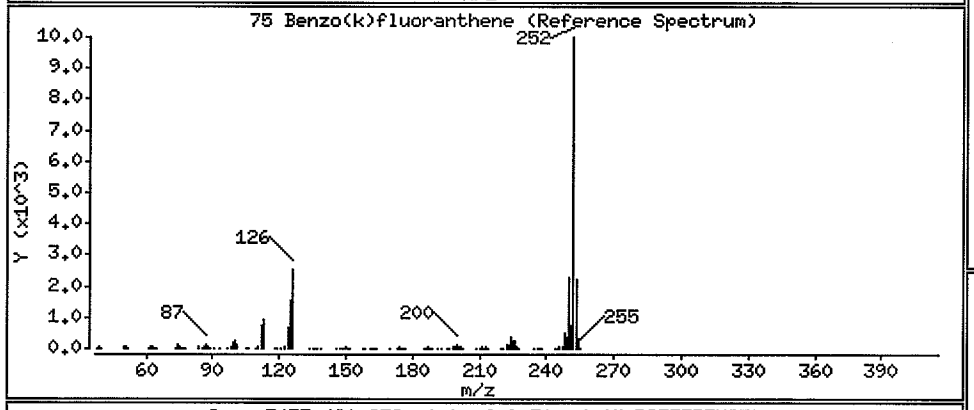
Volume Injected (uL): 1.0 Operator: LJR/VTS

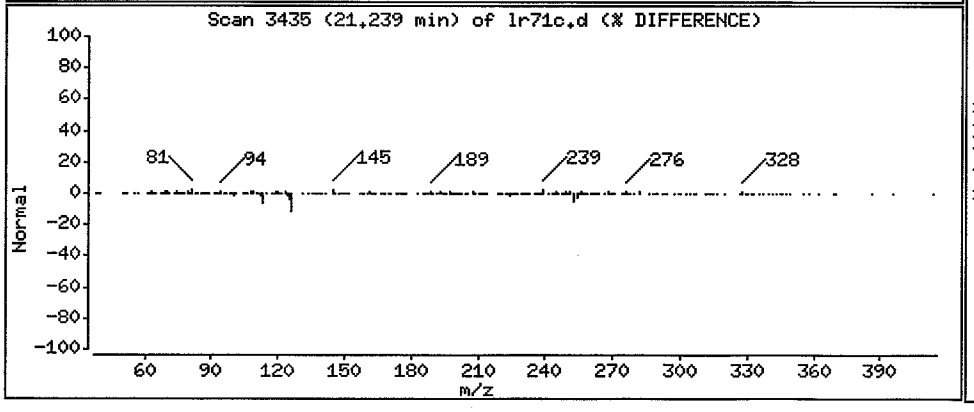
Column phase: ZB-5 Column diameter: 0.32

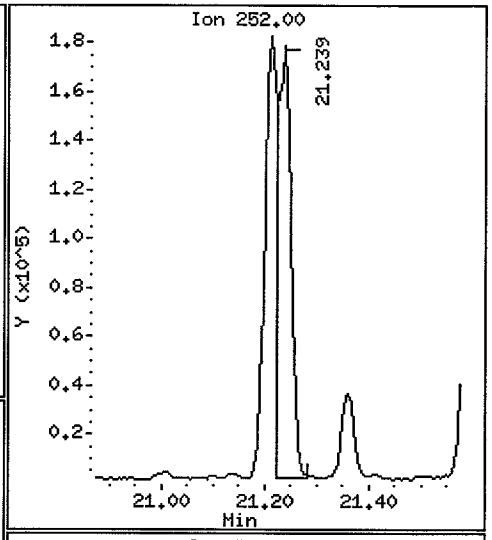
75 Benzo(k)fluoranthene Concentration: 126.7 ug/kg

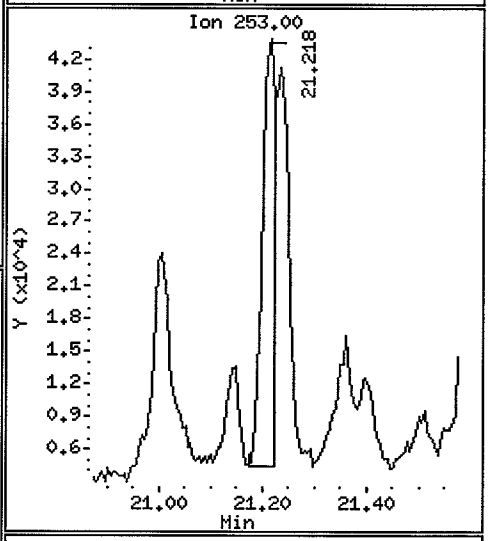


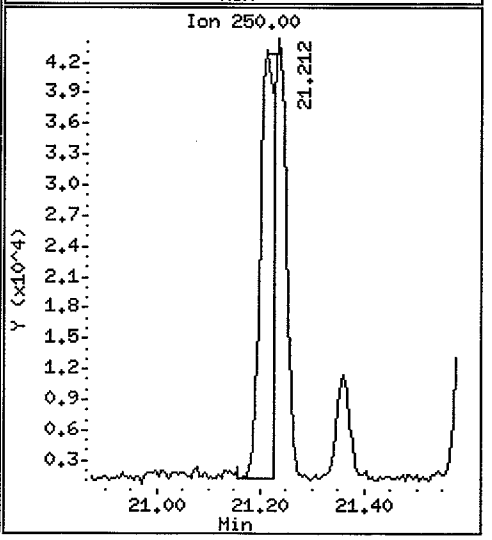












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

Client ID: AN-SS-03-070928

Instrument: nt6.i

Sample Info: LR71C

Volume Injected (uL): 1.0

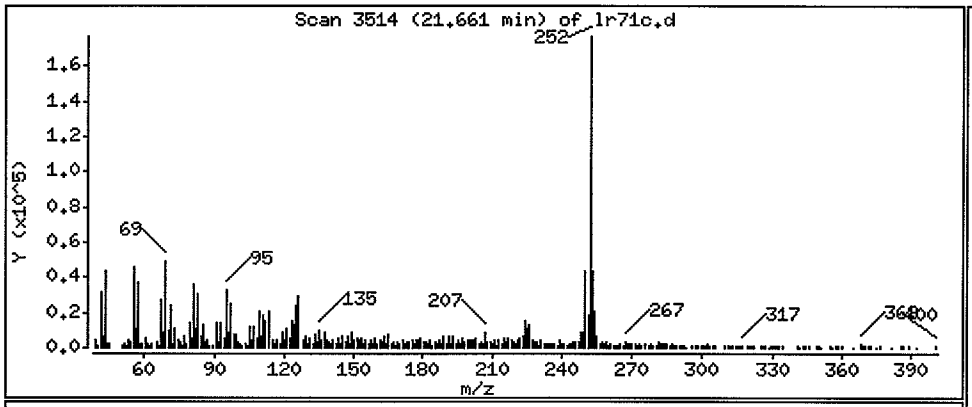
Operator: LJR/VTS

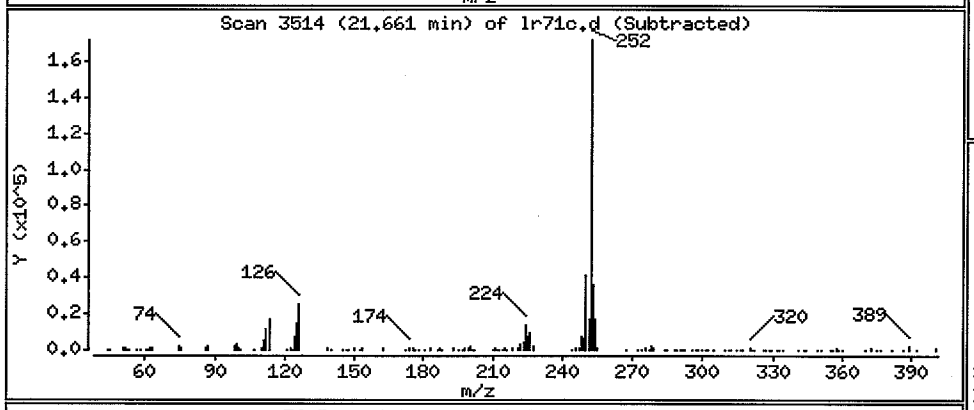
Column phase: ZB-5

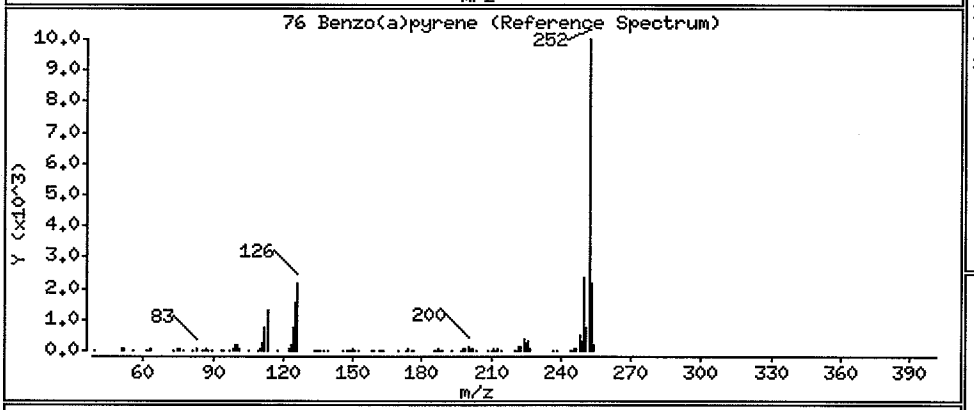
Column diameter: 0.32

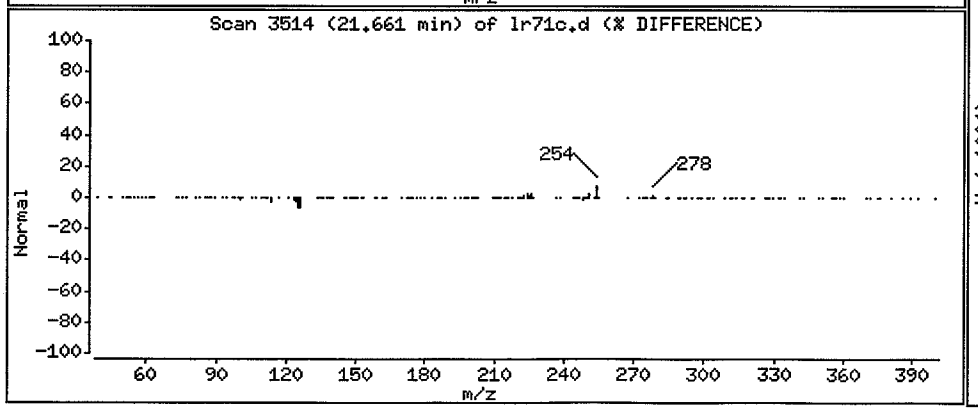
76 Benzo(a)pyrene

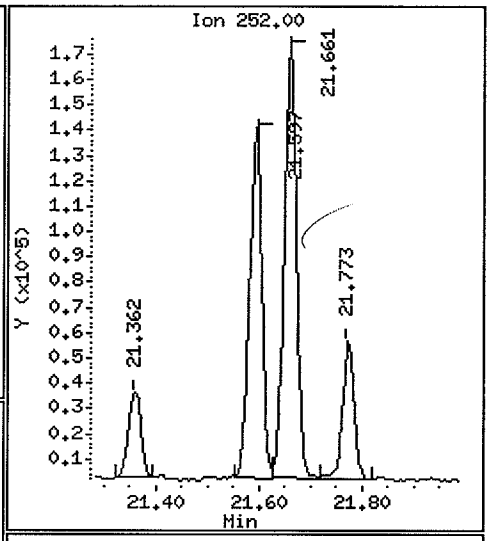
Concentration: 130.2 ug/kg

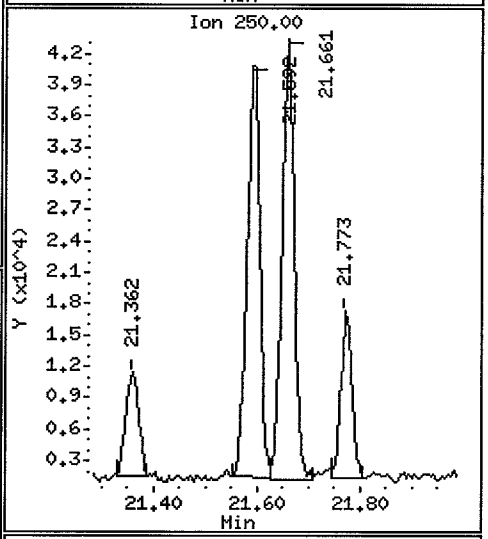


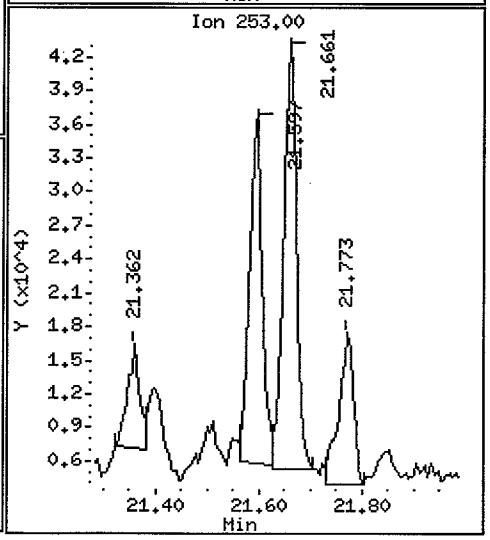












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

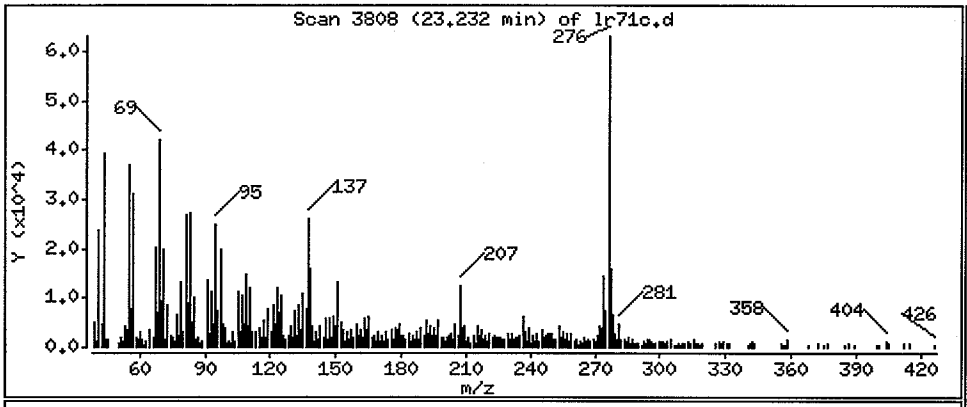
Client ID: AN-SS-03-070928 Instrument: nt6.i

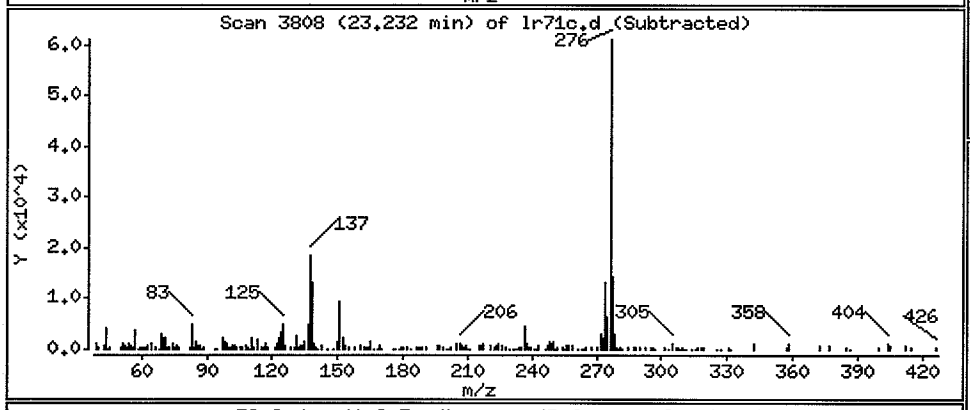
Sample Info: LR71C

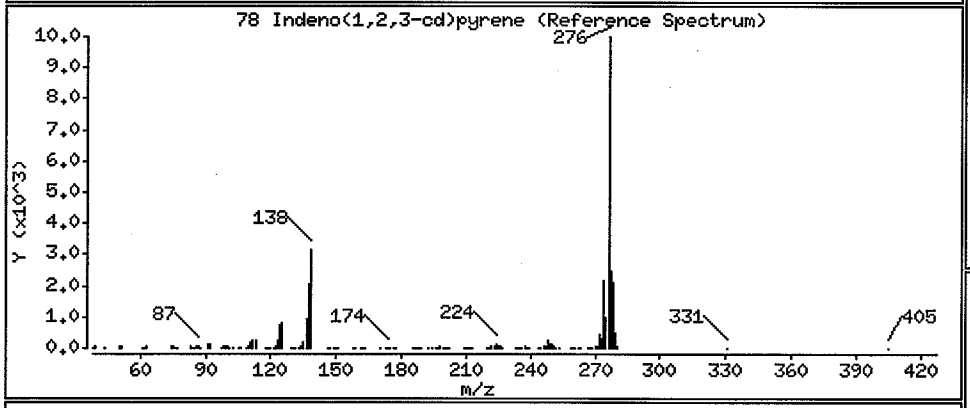
Volume Injected (uL): 1.0 Operator: LJR/VTS

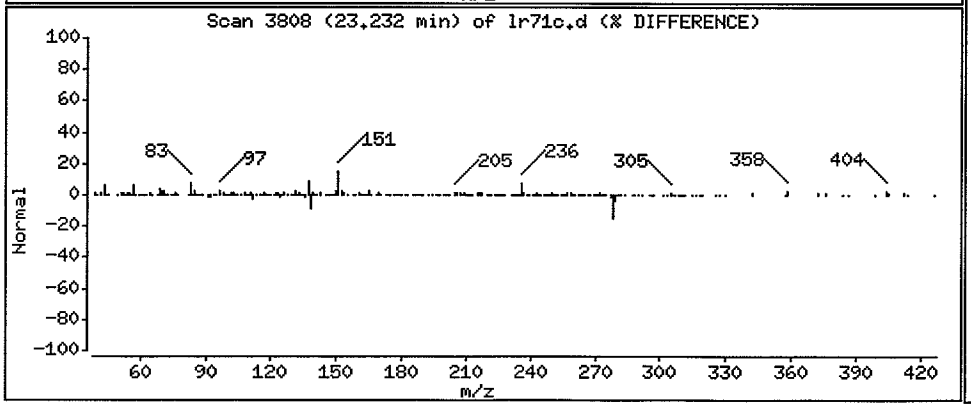
Column phase: ZB-5 Column diameter: 0.32

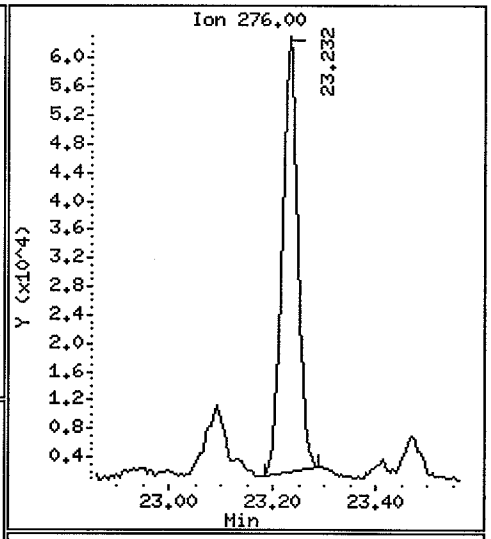
78 Indeno(1,2,3-cd)pyrene Concentration: 48.37 ug/kg

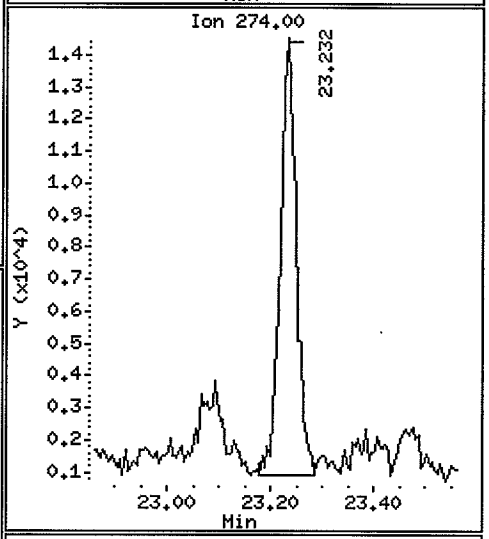


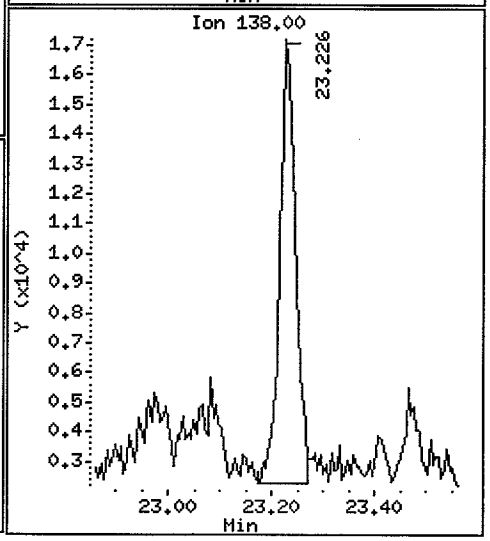












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

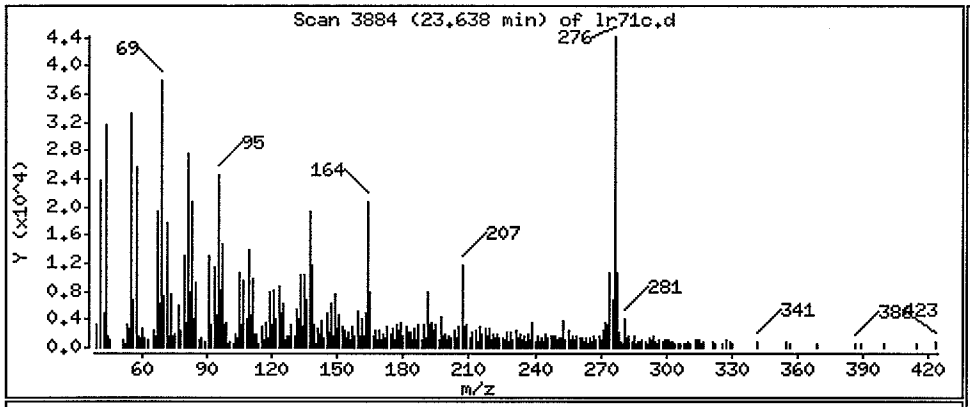
Client ID: AN-SS-03-070928 Instrument: nt6.i

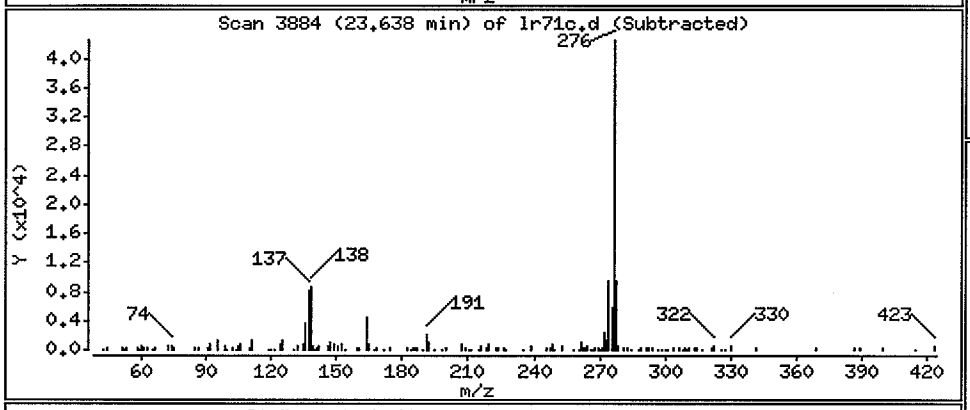
Sample Info: LR71C

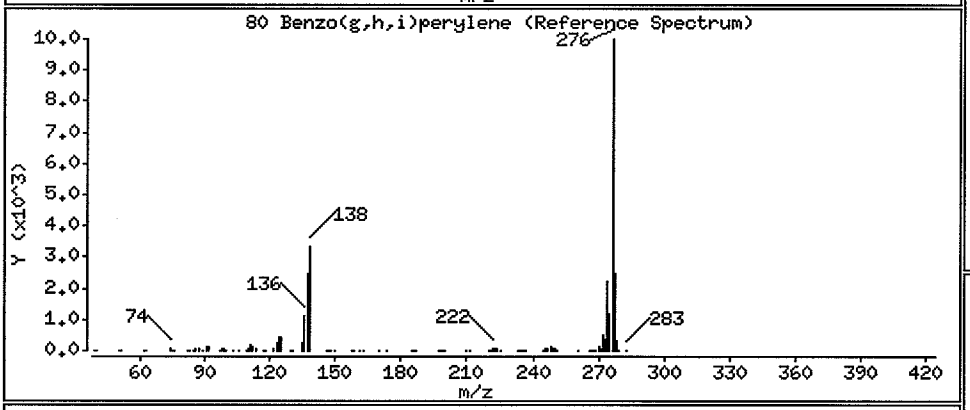
Volume Injected (uL): 1.0 Operator: LJR/VTS

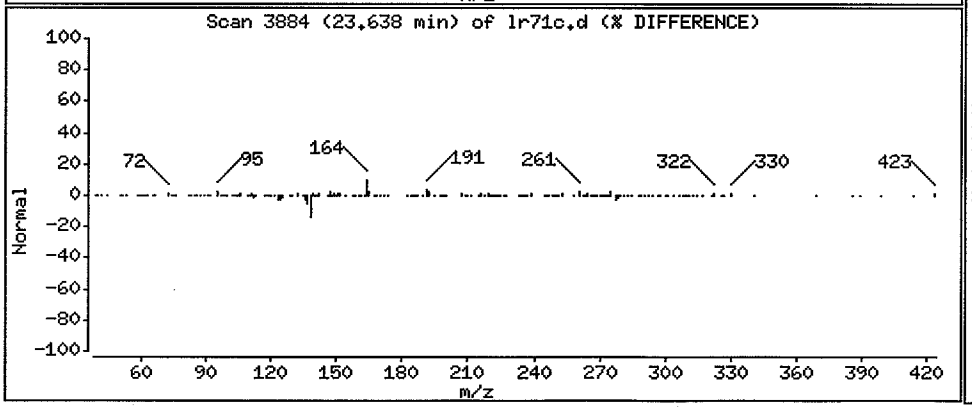
Column phase: ZB-5 Column diameter: 0.32

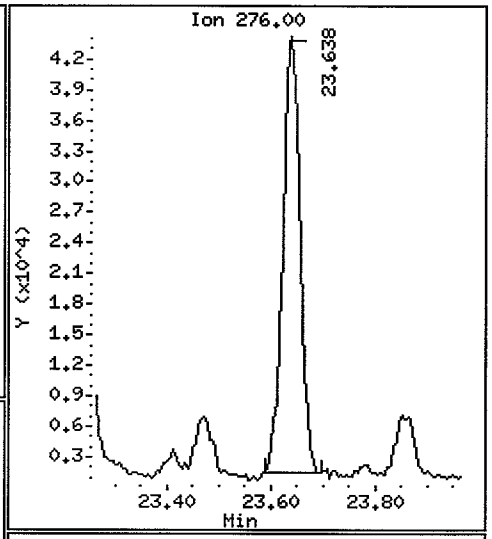
80 Benzo(g,h,i)perylene Concentration: 36.95 ug/kg

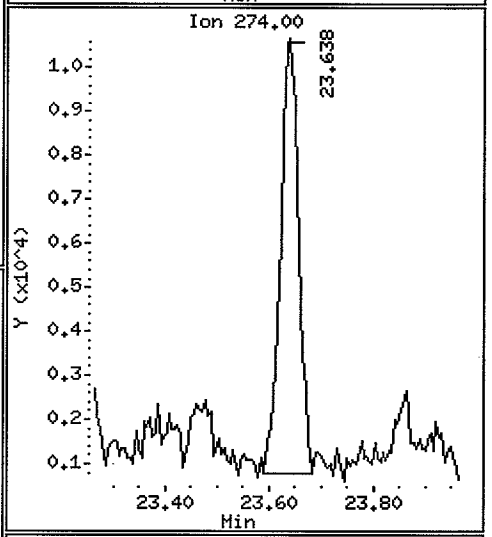


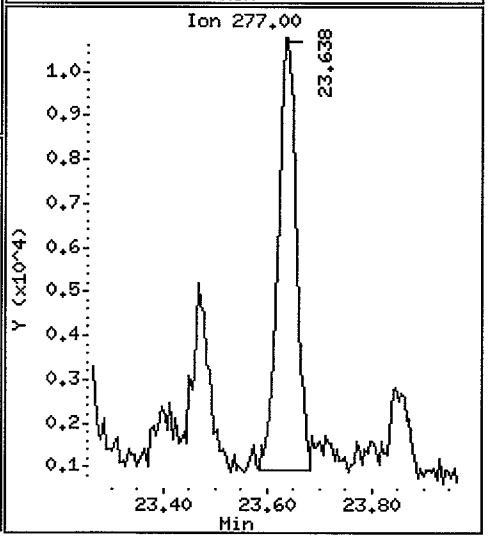












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

Client ID: AN-SS-03-070928

Instrument: nt6.i

Sample Info: LR71C

Volume Injected (uL): 1.0

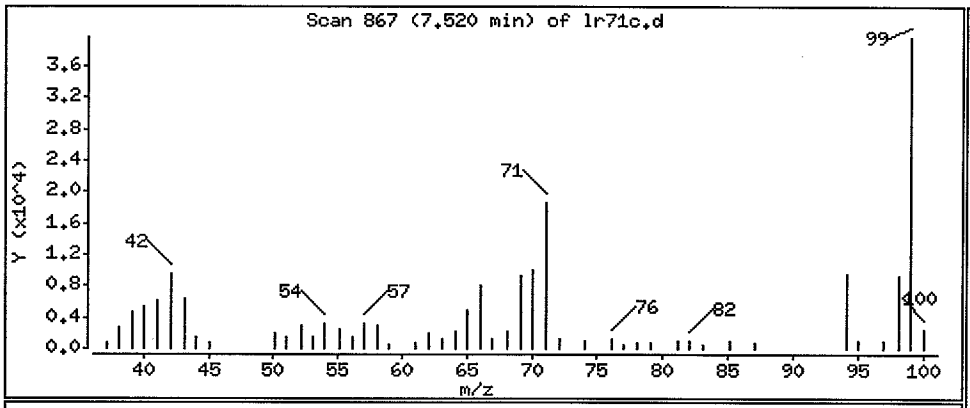
Operator: LJR/VTS

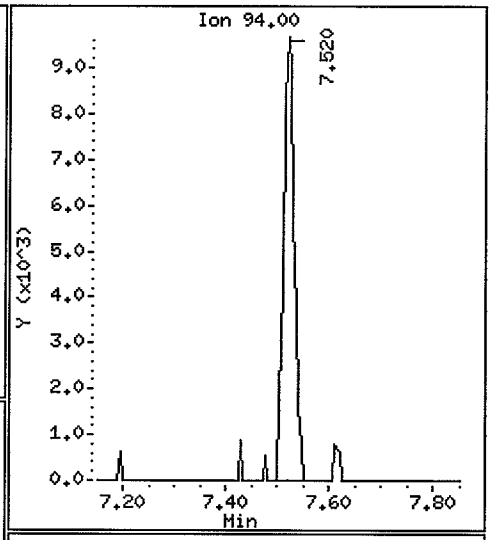
Column phase: ZB-5

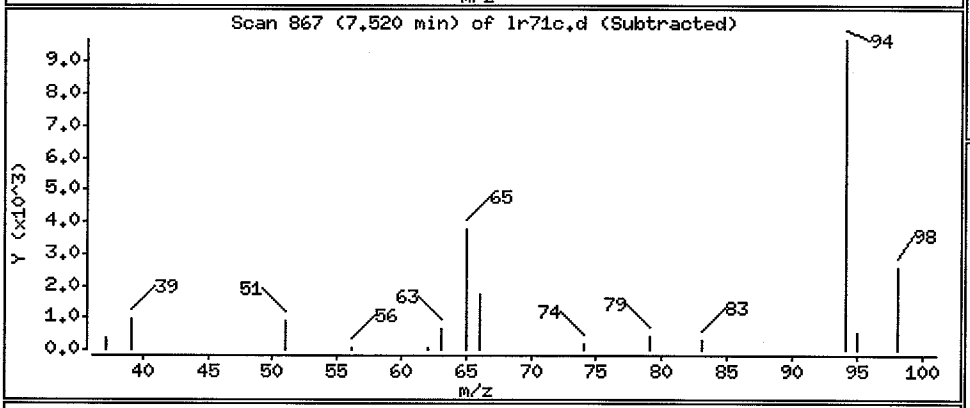
Column diameter: 0.32

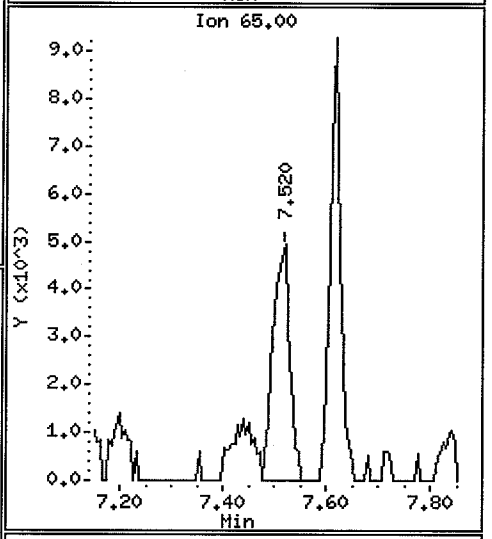
3 Phenol

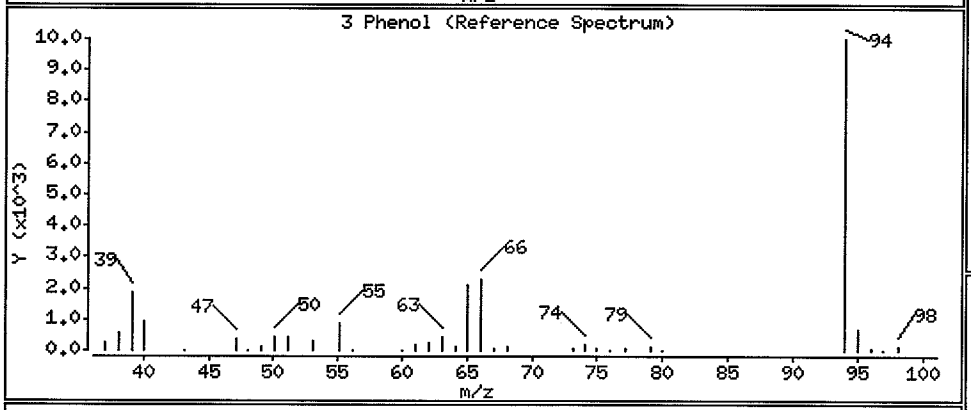
Concentration: 12.15 ug/kg

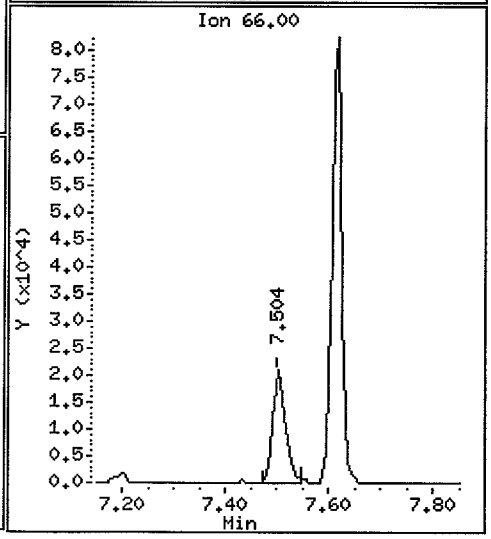


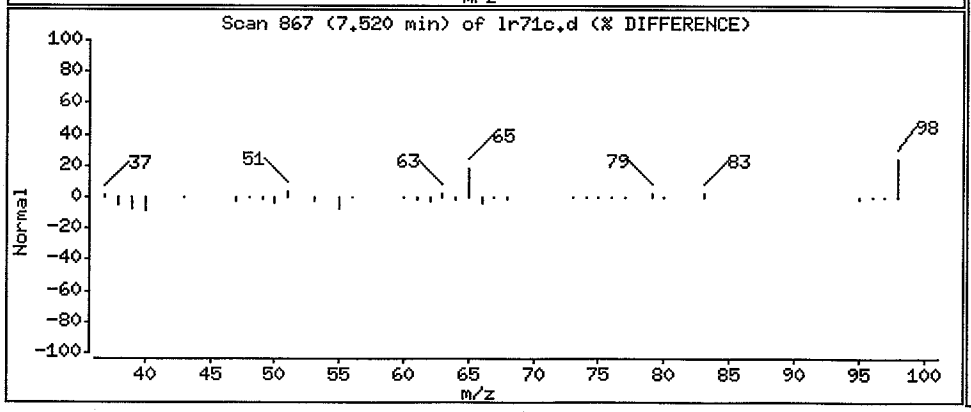












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

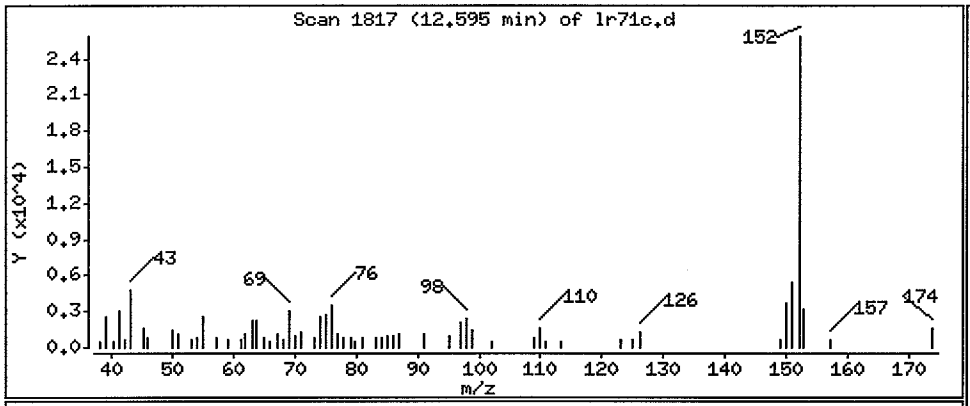
Client ID: AN-SS-03-070928 Instrument: nt6.i

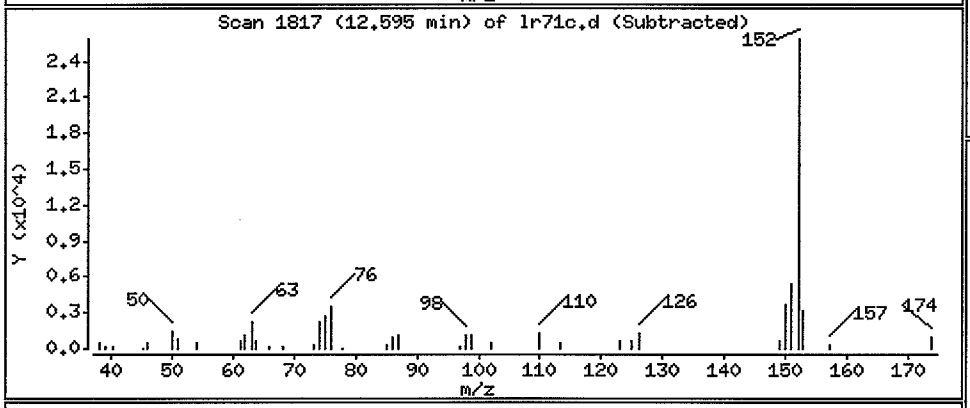
Sample Info: LR71C

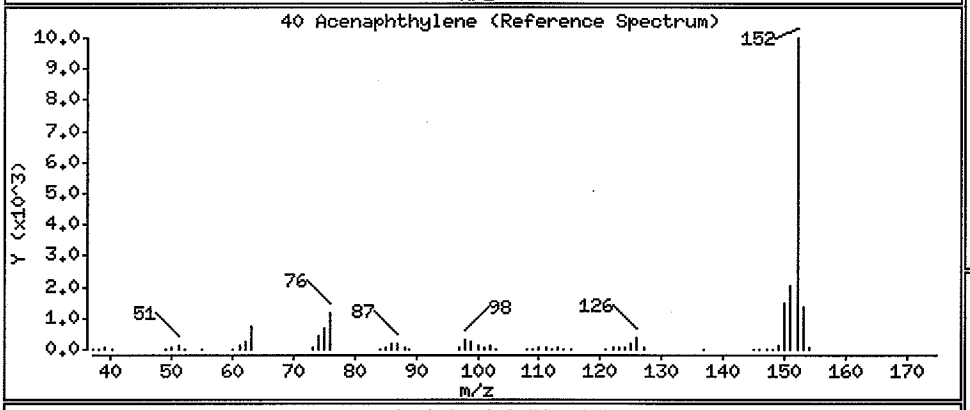
Volume Injected (uL): 1.0 Operator: LJR/VTS

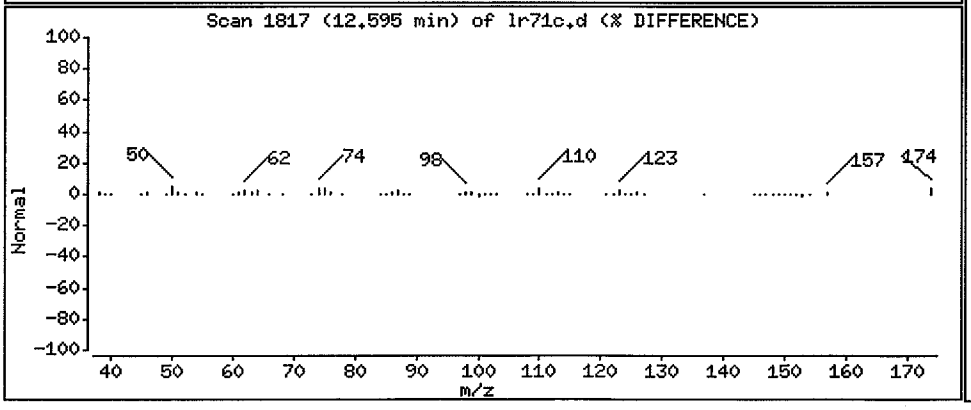
Column phase: ZB-5 Column diameter: 0.32

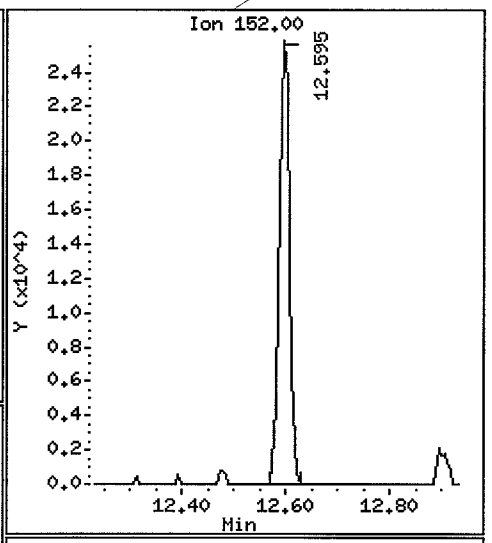
40 Acenaphthylene Concentration: 18.48 ug/kg

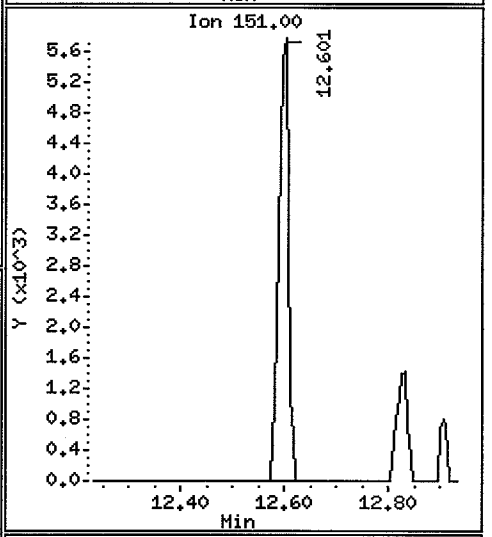


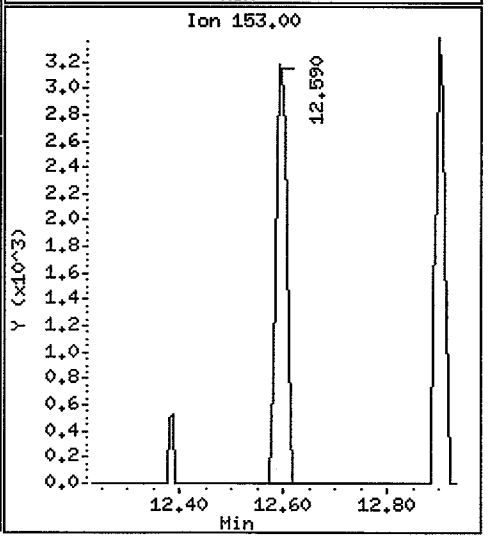












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

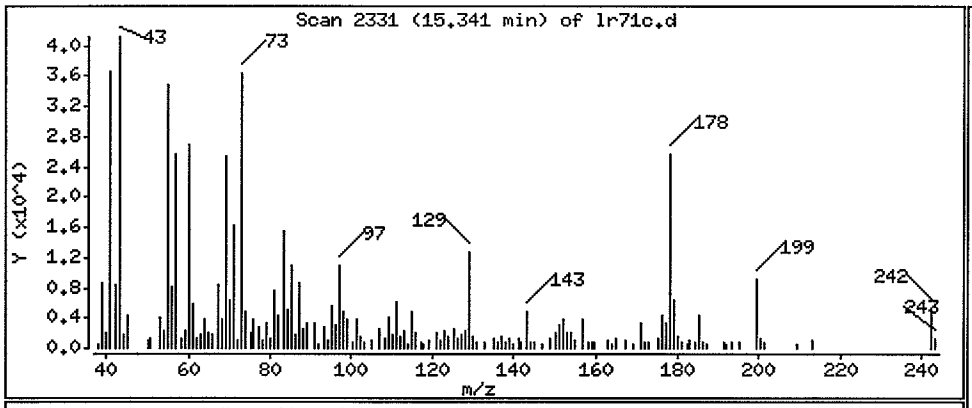
Client ID: AN-SS-03-070928 Instrument: nt6.i

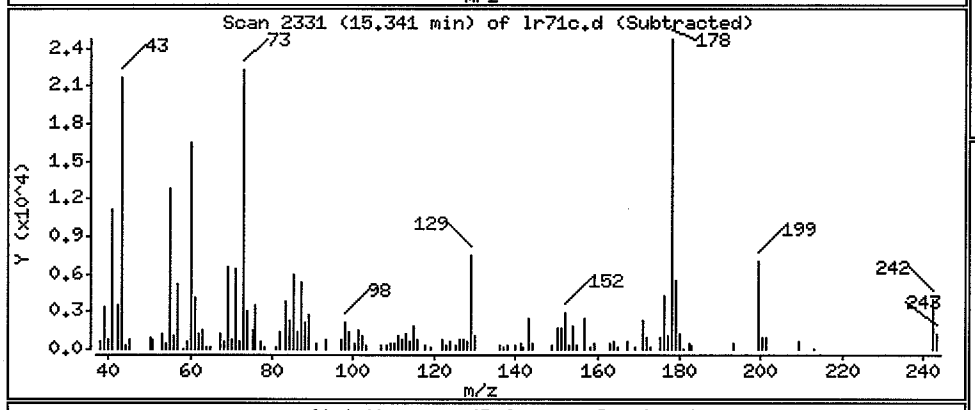
Sample Info: LR71C

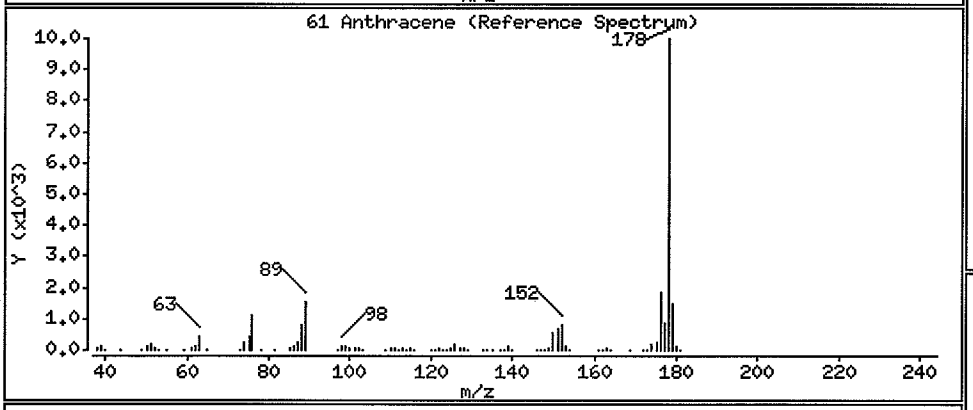
Volume Injected (uL): 1.0 Operator: LJR/VTS

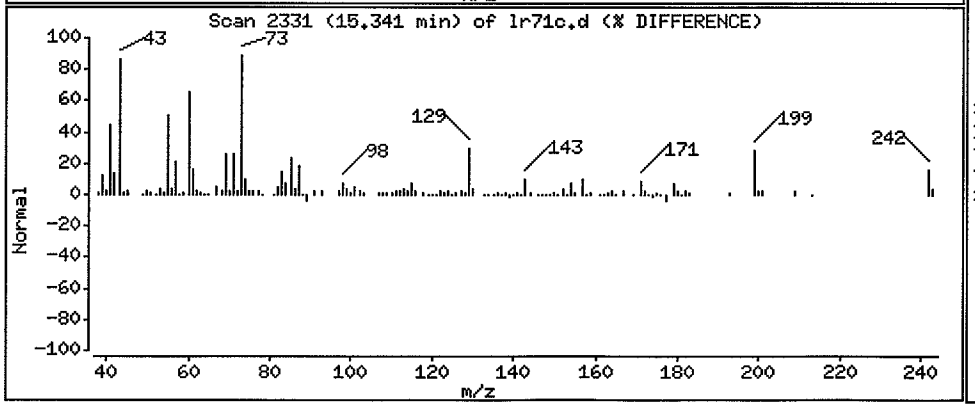
Column phase: ZB-5 Column diameter: 0.32

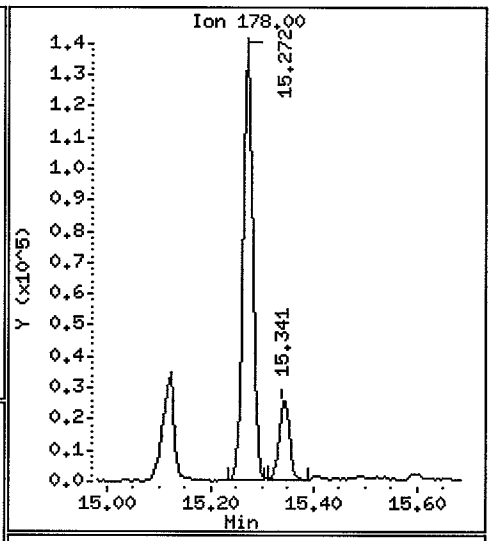
61 Anthracene Concentration: 16.29 ug/kg

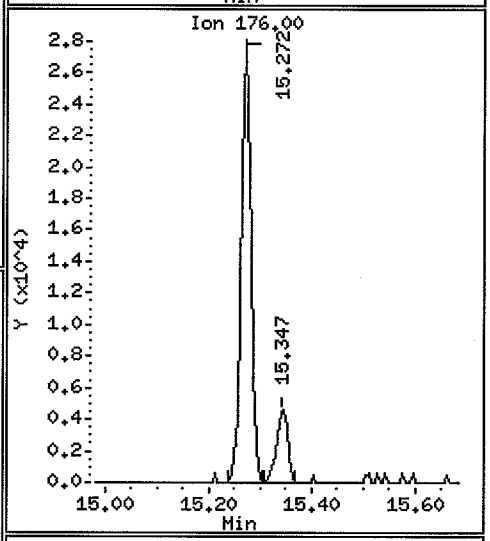


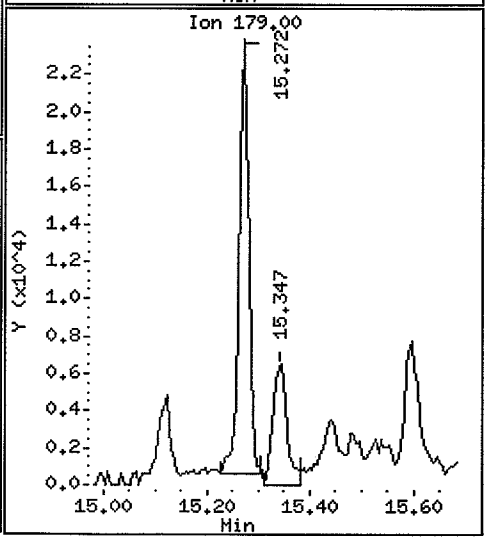












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

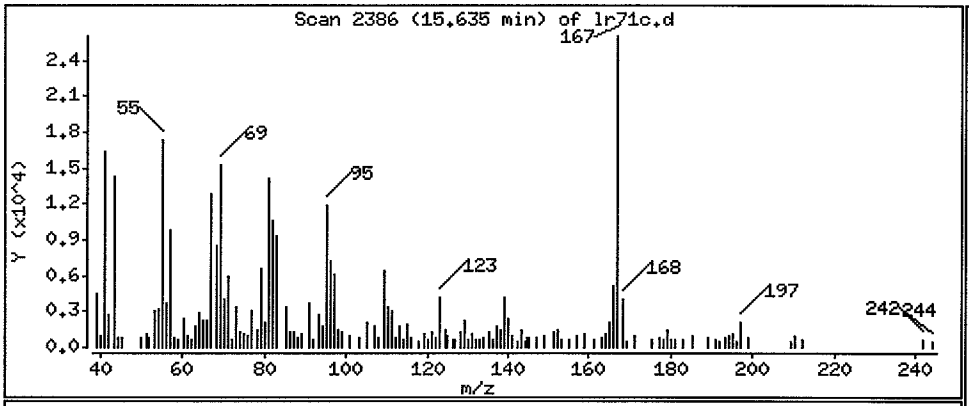
Client ID: AN-SS-03-070928 Instrument: nt6.i

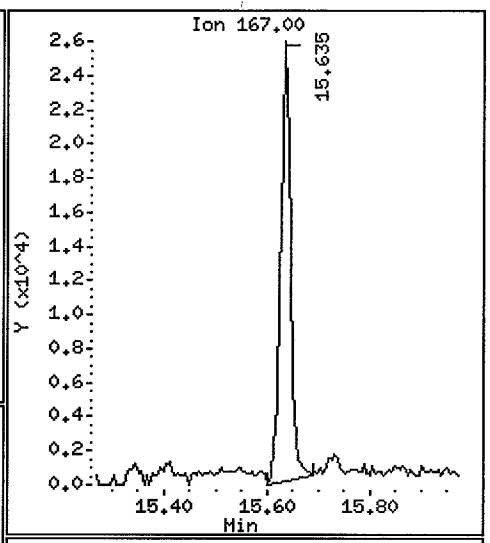
Sample Info: LR71C

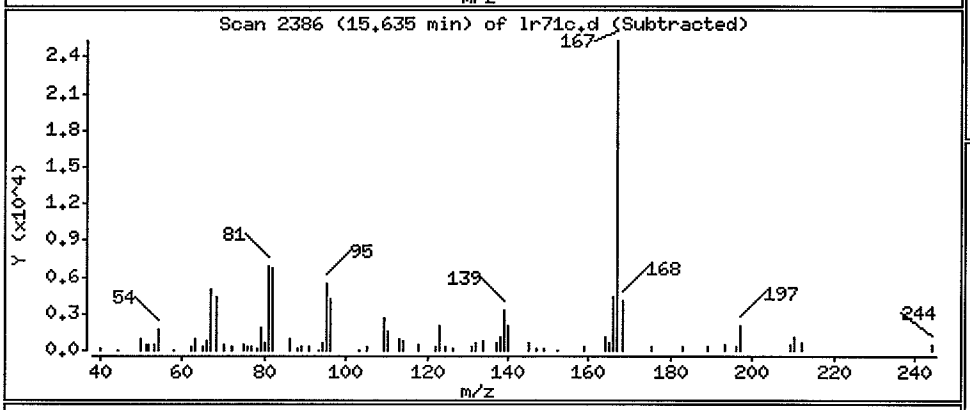
Volume Injected (uL): 1.0 Operator: LJR/VTS

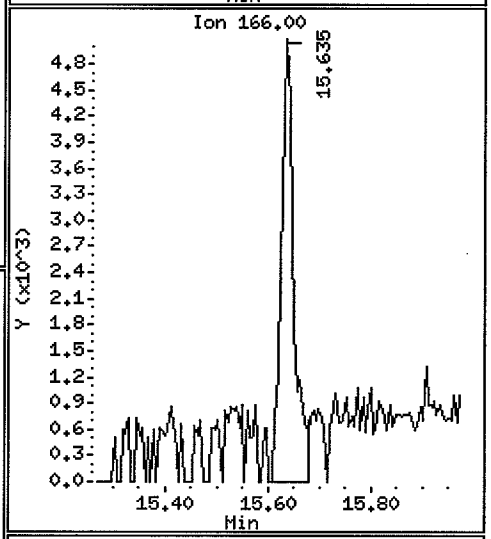
Column phase: ZB-5 Column diameter: 0.32

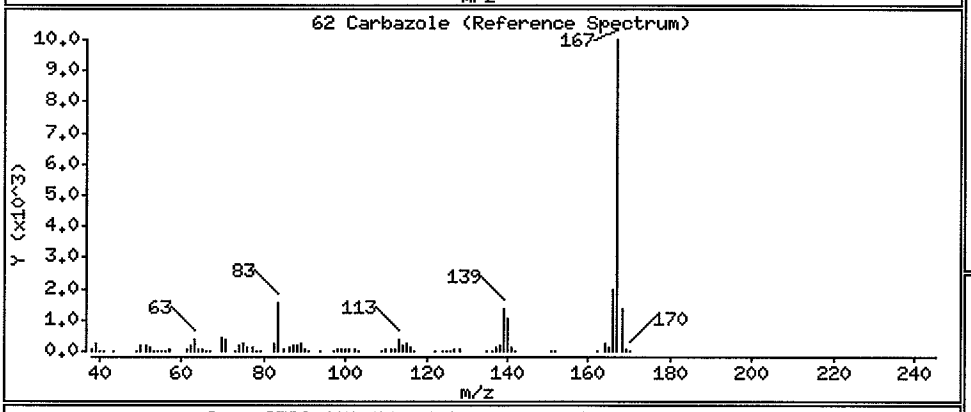
62 Carbazole Concentration: 18.34 ug/kg

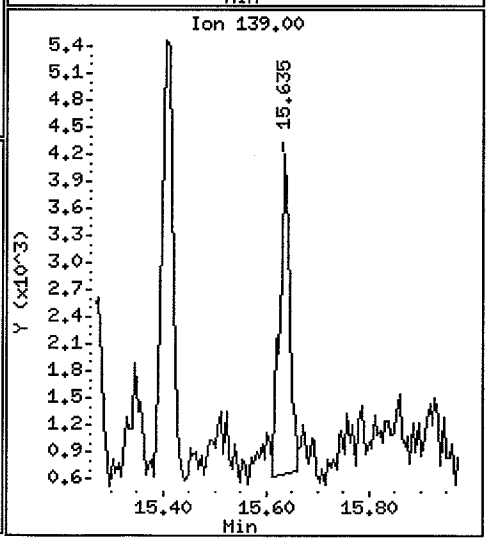


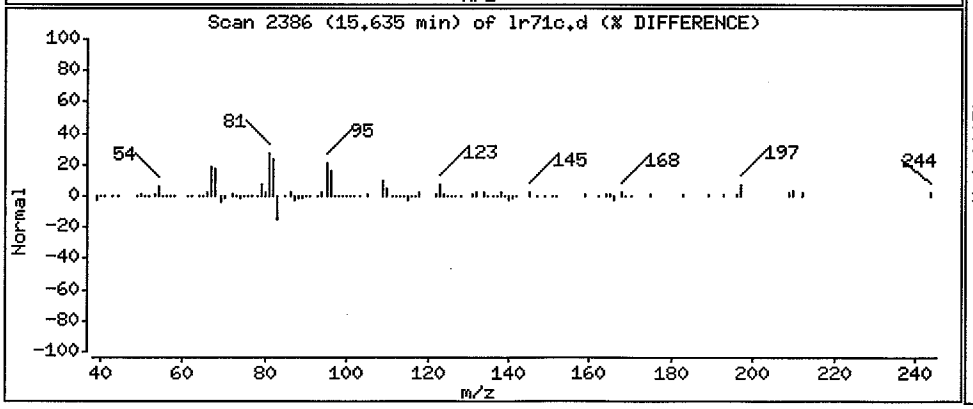












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

Client ID: AN-SS-03-070928

Instrument: nt6.i

Sample Info: LR71C

Volume Injected (uL): 1.0

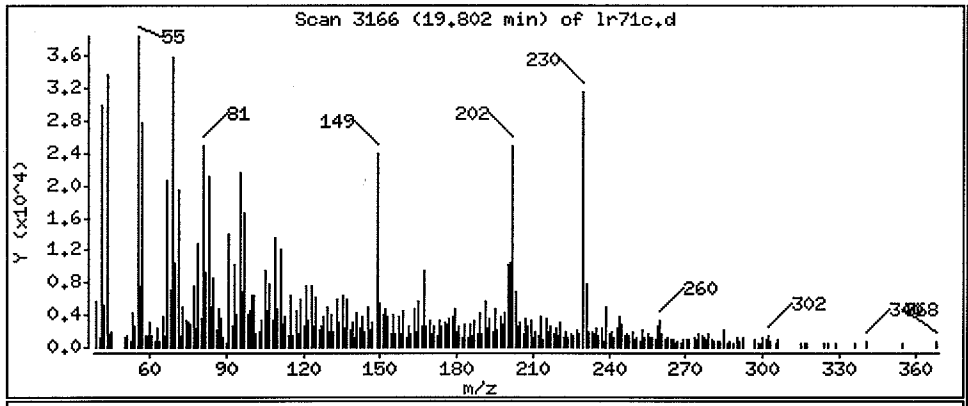
Operator: LJR/VTS

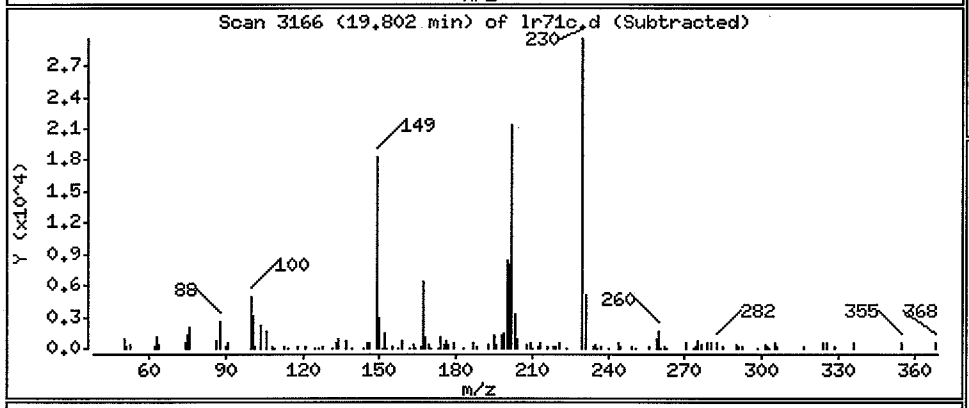
Column phase: ZB-5

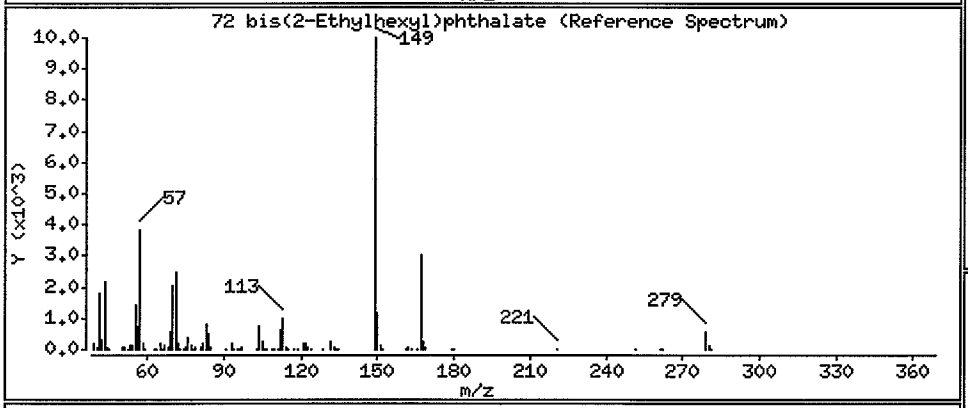
Column diameter: 0.32

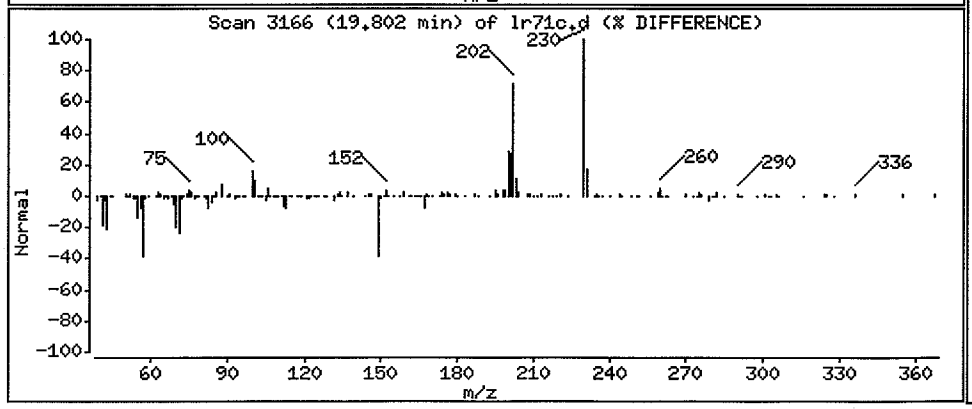
72 bis(2-Ethylhexyl)phthalate

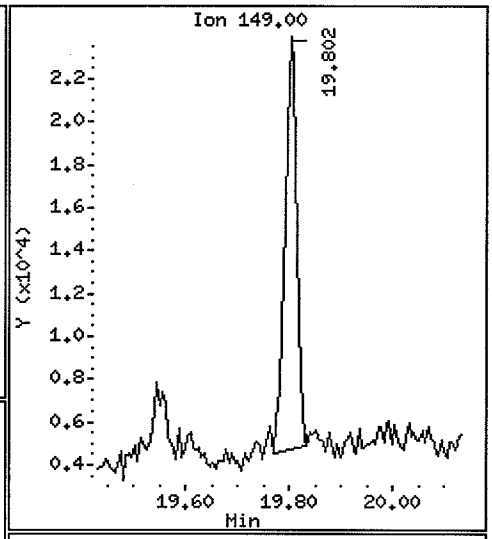
Concentration: 18.73 ug/kg

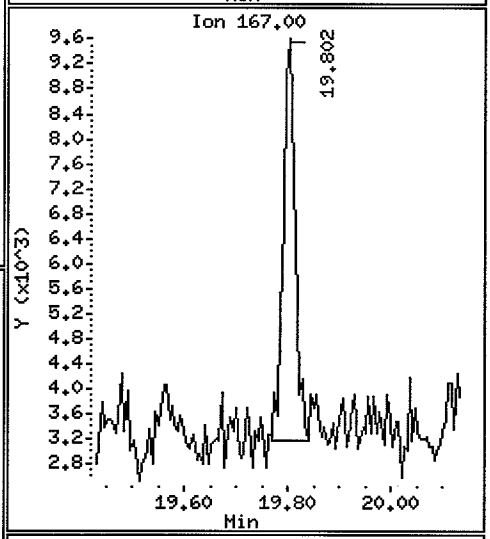


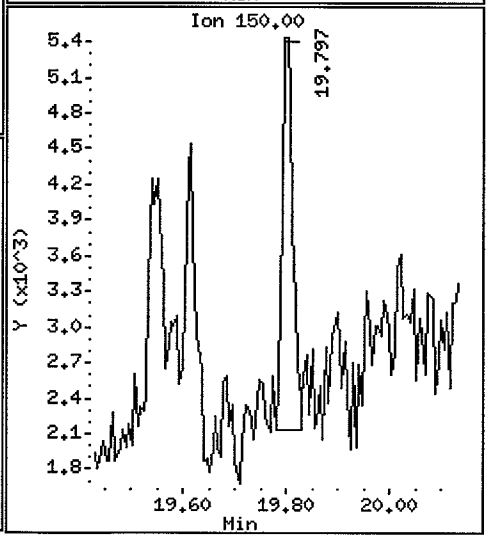












Data File: /chem1/nt6.i/20071018.b/lr71c.d

Date : 18-OCT-2007 15:47

Client ID: AN-SS-03-070928

Instrument: nt6.i

Sample Info: LR71C

Volume Injected (uL): 1.0

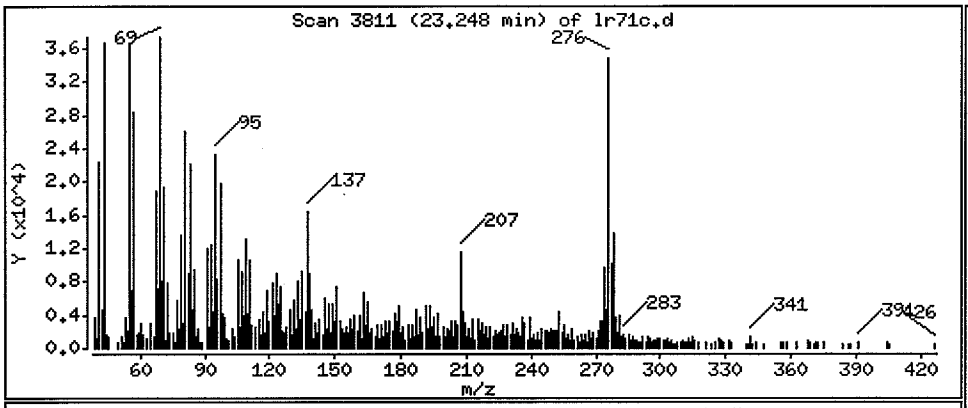
Operator: LJR/VTS

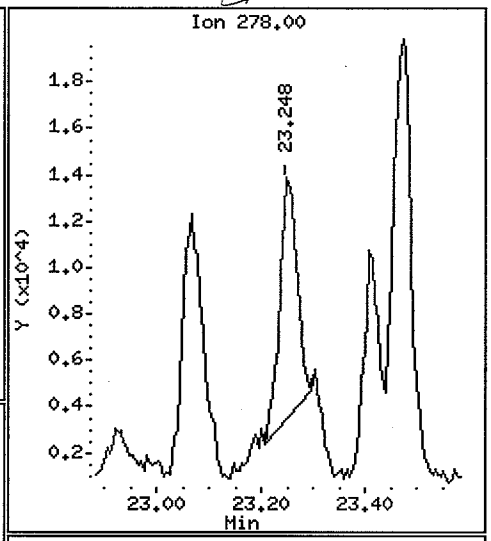
Column phase: ZB-5

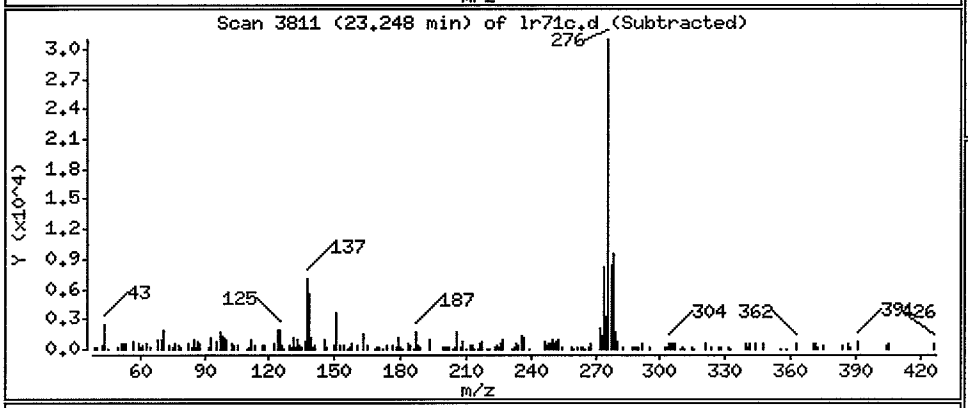
Column diameter: 0.32

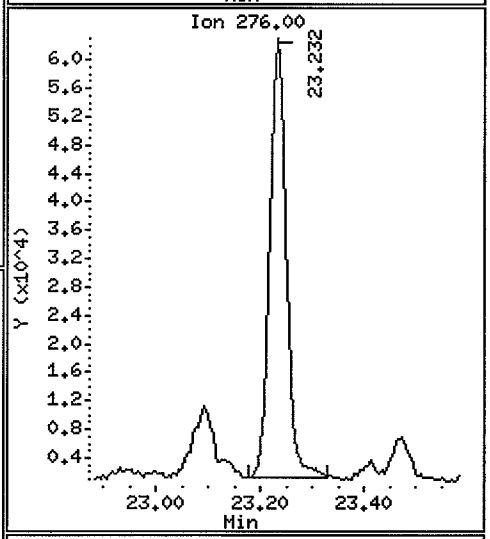
79 Dibenzo(a,h)anthracene

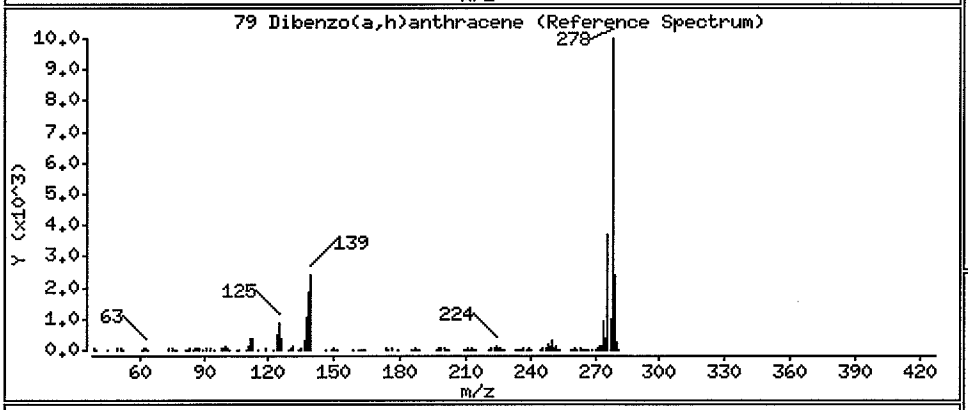
Concentration: 10.66 ug/kg

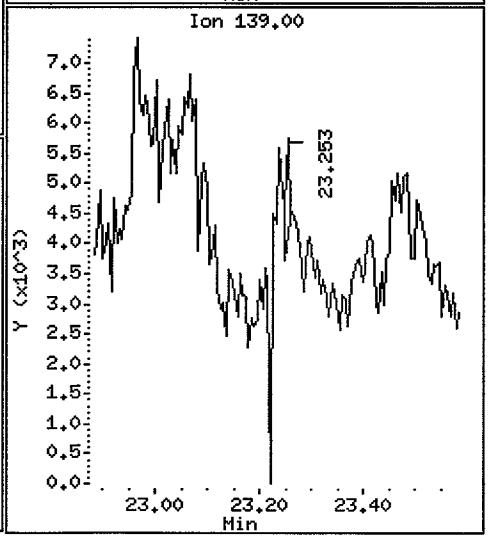


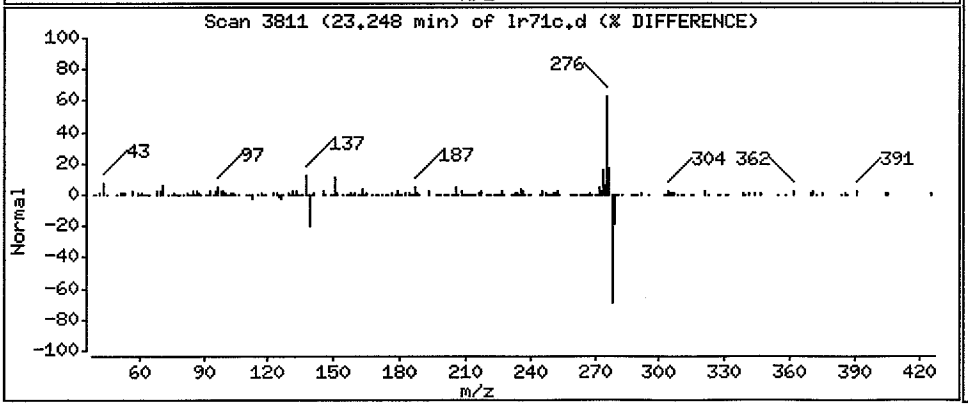












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-03-070928**
Page 1 of 2 **REEXTRACT**

Lab Sample ID: LR71C
LIMS ID: 07-20768
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 17:42
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 33.2%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**33**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**200**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**39**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**48**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**71**
129-00-0	**Pyrene**	**20**	**60**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**22**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**22**
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-03-070928**
 REEXTRACT

Lab Sample ID: LR71C QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20768 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 17:42

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	54.4%	2-Fluorobiphenyl	56.0%
d14-p-Terphenyl	53.6%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	57.6%	2-Fluorophenol	45.6%
2,4,6-Tribromophenol	57.6%	d4-2-Chlorophenol	56.0%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71c2.d
Lab Smp Id: LR71CRE
Inj Date : 01-NOV-2007 17:42
Operator : VTS Inst ID: nt4.i
Smp Info : LR71CRE
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJK 11/12/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$	1 2-Fluorophenol	112	4.854	4.748	(0.711)	238761	17.0753	341.5
$	2 Phenol-d5	99	6.510	6.489	(0.954)	337389	21.5571	431.1
	3 Phenol	94	6.531	6.505	(0.957)	31156	1.67618	33.52
$	5 2-Chlorophenol-d4	132	6.542	6.521	(0.958)	243380	20.9639	419.3
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.825	6.820	(1.000)	165249	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.124	7.114	(1.044)	95795	12.8240	256.5
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	7.696	7.686	(1.128)	127784	10.2240	204.5
$	18 Nitrobenzene-d5	82	7.776	7.771	(0.877)	219316	13.6047	272.1
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.871	8.872	(1.000)	611125	20.0000	
	28 Naphthalene	128	8.898	8.899	(1.003)	74090	1.97476	39.50
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.677	10.677	(0.914)	306881	13.9733	279.5
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.687	11.682	(1.000)	318065	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	12.579	12.585	(1.076)	13340	0.60105 LDL	12.02
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.963	12.953	(1.109)	59194	21.6192	432.4
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.000	14.000	(1.000)	432391	20.0000	
	60 Phenanthrene	178	14.032	14.032	(1.002)	72990	2.44249	48.85
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	15.934	15.923	(1.138)	115796	3.57908	71.58
	65 Pyrene	202	16.270	16.260	(0.892)	107885	3.02119	60.42
$	66 Terphenyl-d14	244	16.649	16.634	(0.913)	276701	13.4225	268.4
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	18.204	18.199	(0.999)	30551	0.92254 LDL	18.45
*	69 Chrysene-d12	240	18.231	18.221	(1.000)	445581	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	18.263	18.258	(1.002)	36346	1.11576	22.32
	72 bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
*	134 Di-n-octylphthalate-d4	153	19.513	19.503	(1.000)	622522	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	19.828	19.818	(0.975)	35349	1.09218	21.84
	75 Benzo(k)fluoranthene	252	19.849	19.850	(0.976)	26912	0.78712 LDL	15.74(M)
	76 Benzo(a)pyrene	252	20.255	20.245	(0.996)	21790	0.75597 ↓	15.12(M)
*	77 Perylene-d12	264	20.341	20.325	(1.000)	475370	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	21.671	21.661	(1.065)	19270	0.60823 LDL	12.16(M)
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	21.959	21.944	(1.080)	16389	0.57431 ↓	11.49(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71c2.d
Lab Smp Id: LR71CRE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

Calibration Date: 01-NOV-2007
Calibration Time: 14:35

Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	165249	13.66
27 Naphthalene-d8	530525	265262	1061050	611125	15.19
42 Acenaphthene-d10	280701	140350	561402	318065	13.31
59 Phenanthrene-d10	391934	195967	783868	432391	10.32
69 Chrysene-d12	354658	177329	709316	445581	25.64
134 Di-n-octylphthala	506314	253157	1012628	622522	22.95
77 Perylene-d12	400782	200391	801564	475370	18.61

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.83	0.07
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.01
42 Acenaphthene-d10	11.68	11.18	12.18	11.69	0.04
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	0.00
69 Chrysene-d12	18.22	17.72	18.72	18.23	0.06
134 Di-n-octylphthala	19.50	19.00	20.00	19.51	0.05
77 Perylene-d12	20.33	19.83	20.83	20.34	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

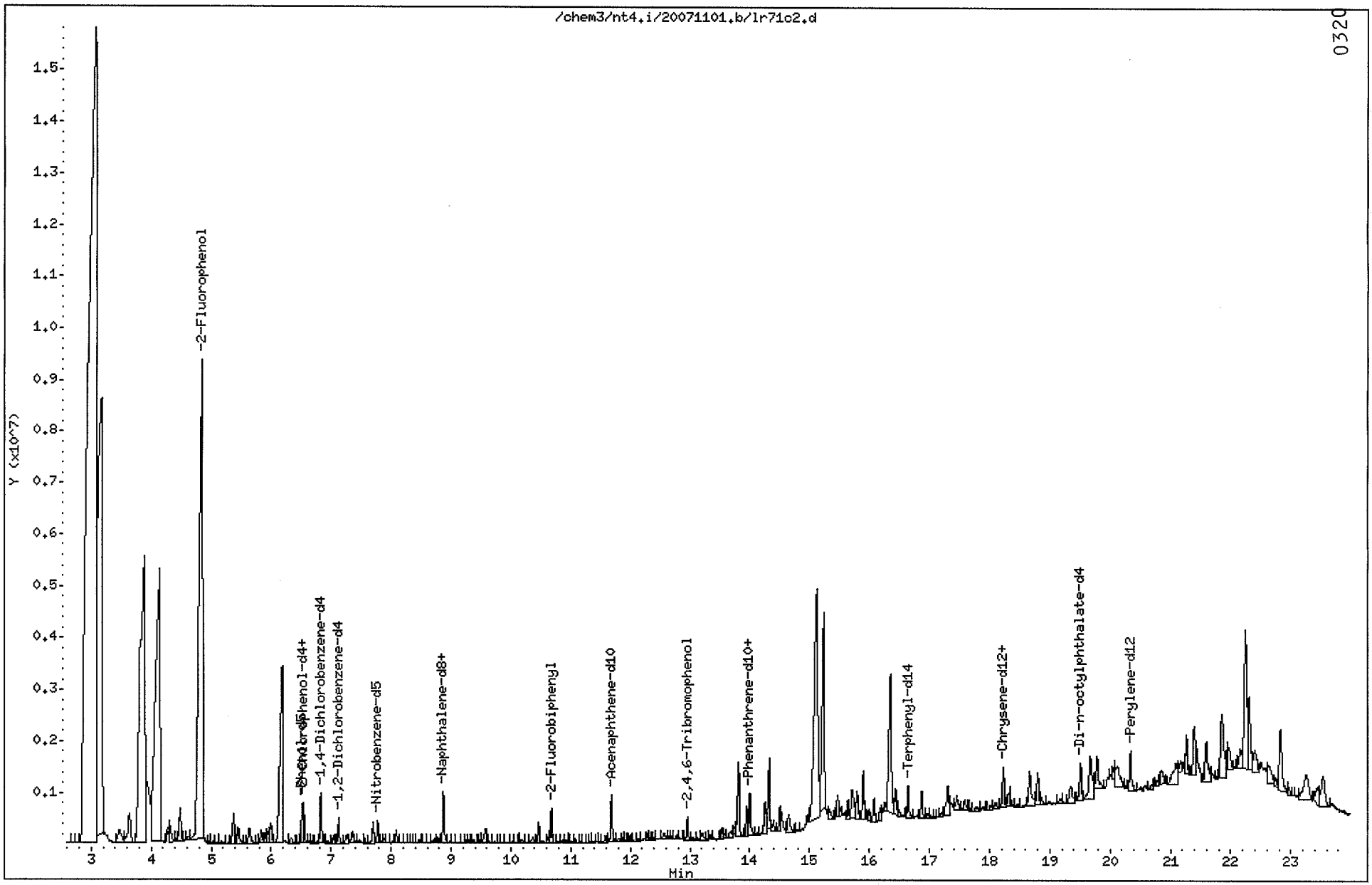
RECOVERY REPORT

Client Name: Client SDG: 20071101
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LR71CRE
Level: LOW Operator: VTS
Data Type: MS DATA SampleType: SAMPLE
SpikeList File: PSDDALCS.spk Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	341.5	45.53	11-84
$ 2 Phenol-d5	750.0	431.1	57.49	25-86
$ 5 2-Chlorophenol-d4	750.0	419.3	55.90	23-91
$ 10 1,2-Dichlorobenzen	500.0	256.5	51.30	24-90
$ 18 Nitrobenzene-d5	500.0	272.1	54.42	26-88
$ 36 2-Fluorobiphenyl	500.0	279.5	55.89	34-91
$ 55 2,4,6-Tribromophen	750.0	432.4	57.65	25-107
$ 66 Terphenyl-d14	500.0	268.4	53.69	22-100

Data File: /chem3/nt4.i/20071101.b/lr71c2.d
Date : 01-NOV-2007 17:42
Client ID:
Sample Info: LR71CRE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

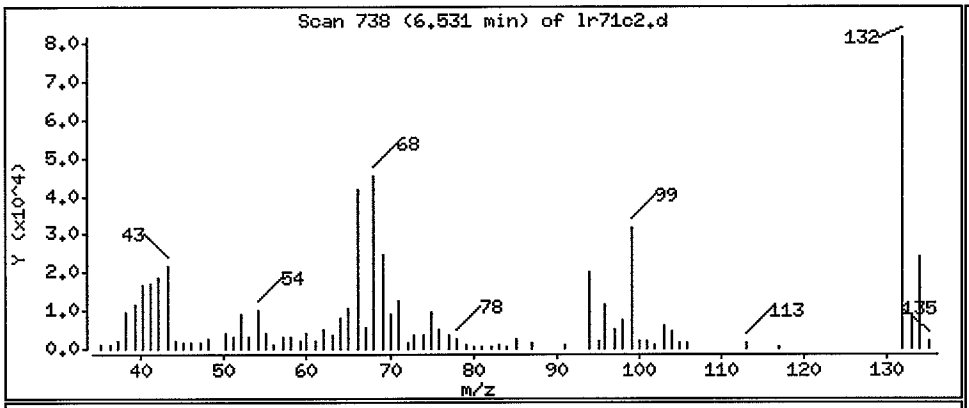
Operator: VTS

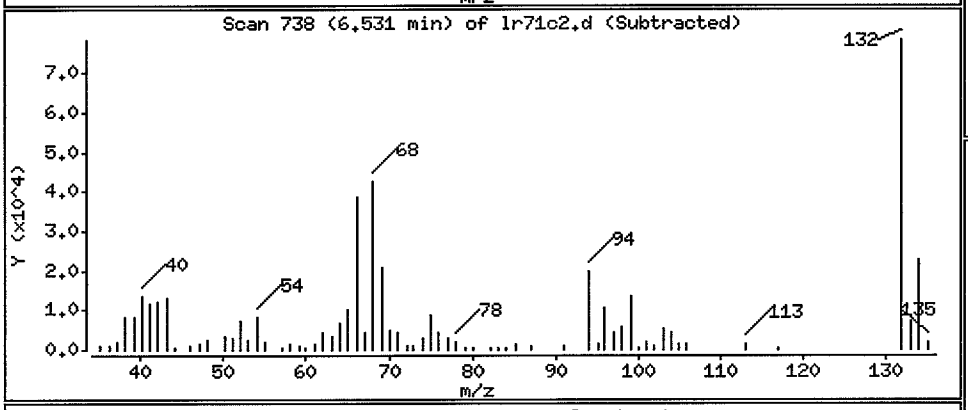
Column phase: ZB-5

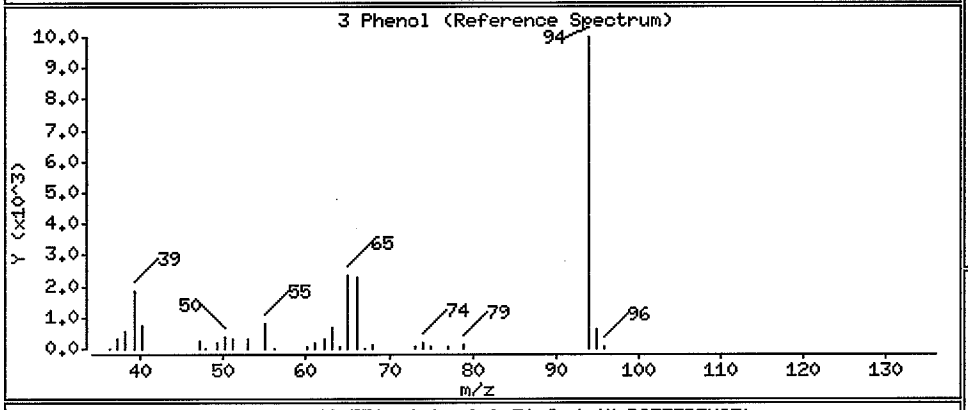
Column diameter: 0.32

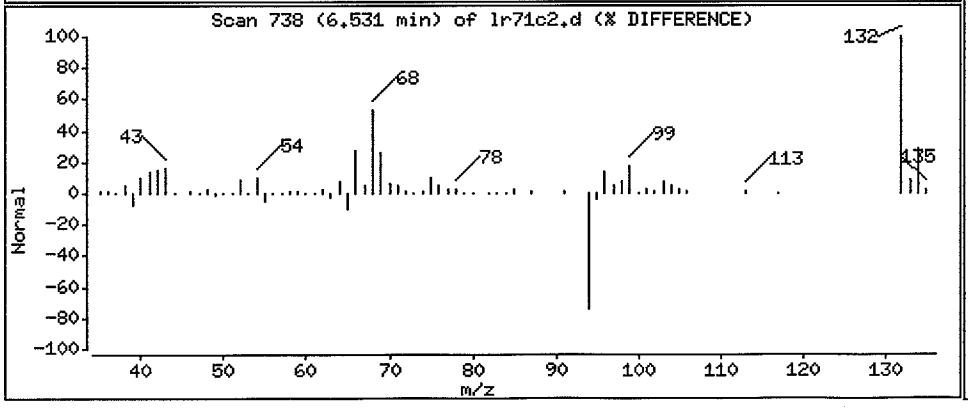
3 Phenol

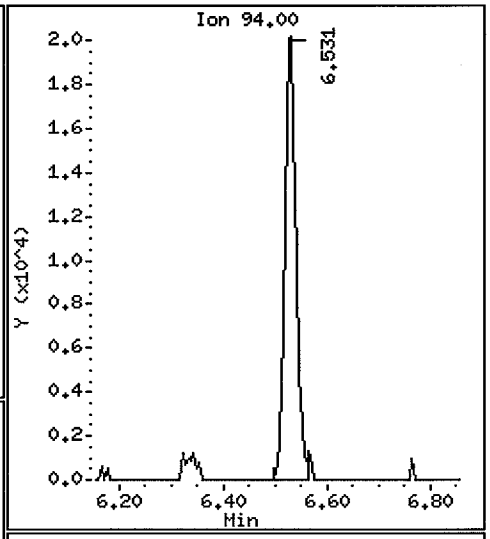
Concentration: 33.52 ug/Kg

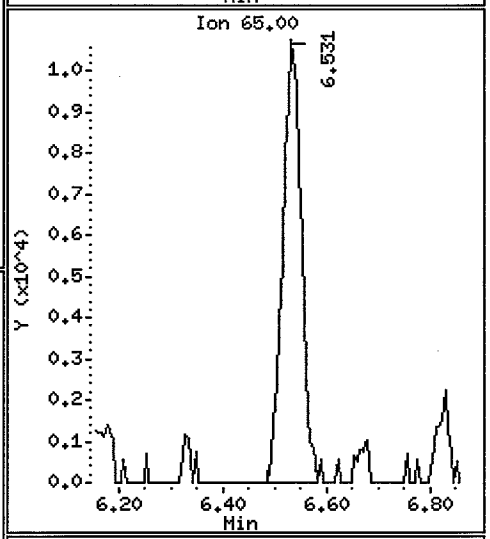


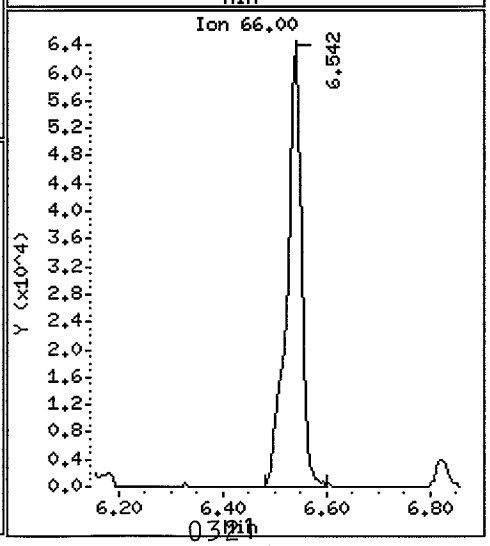












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

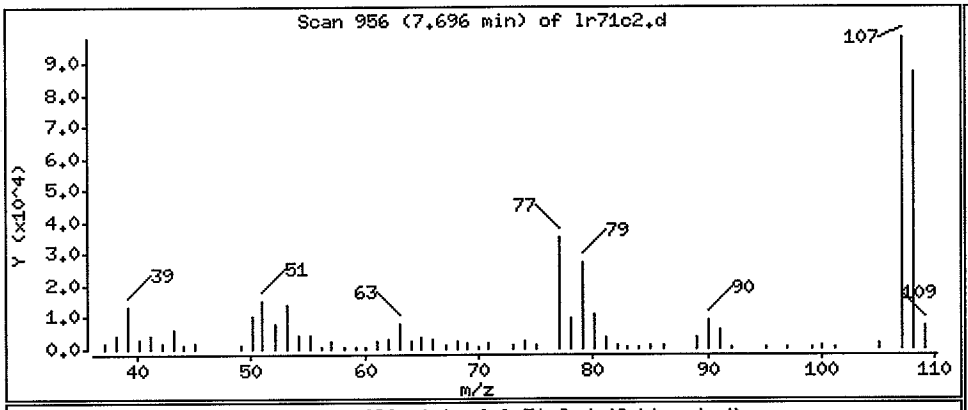
Operator: VTS

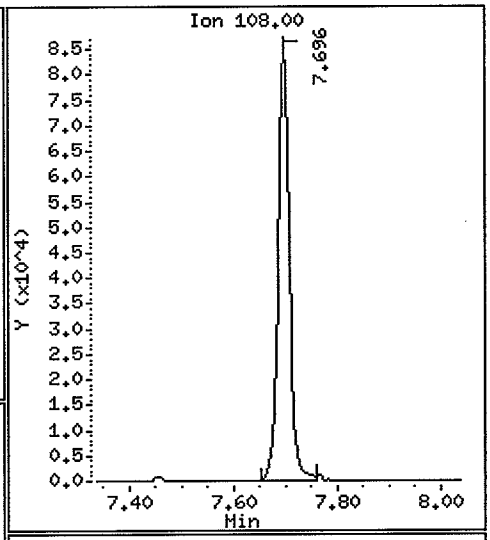
Column phase: ZB-5

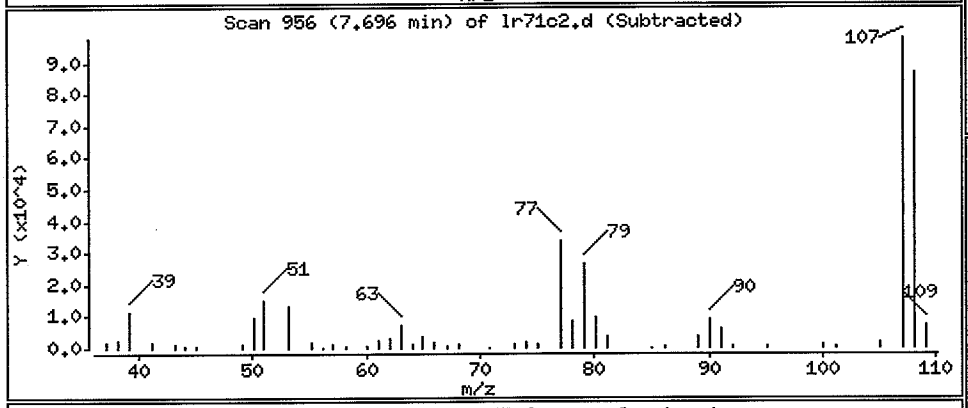
Column diameter: 0.32

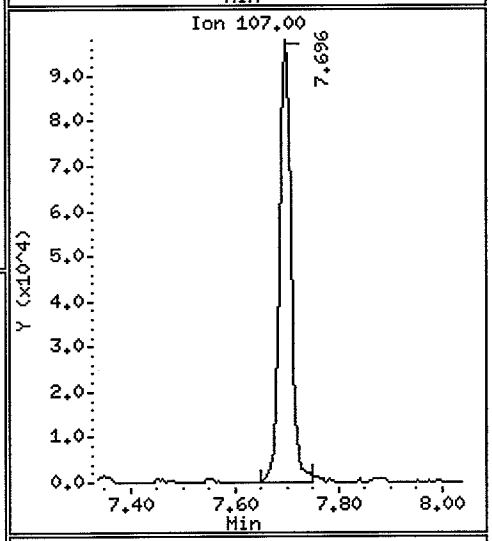
15 4-Methylphenol

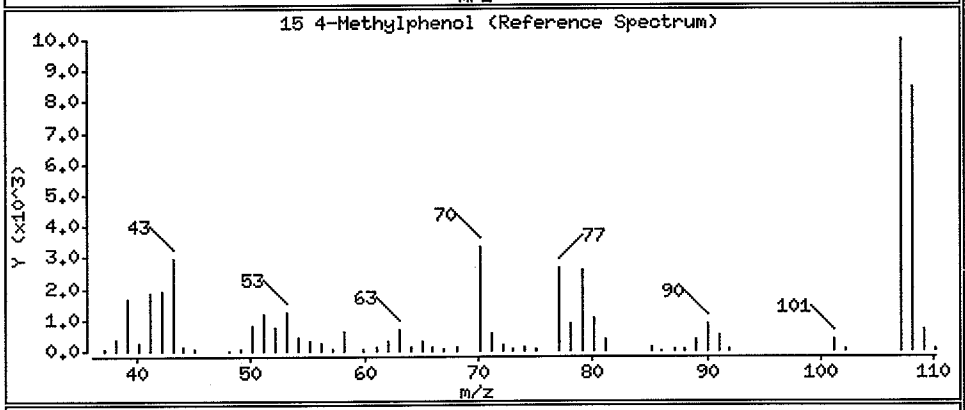
Concentration: 204.5 ug/Kg

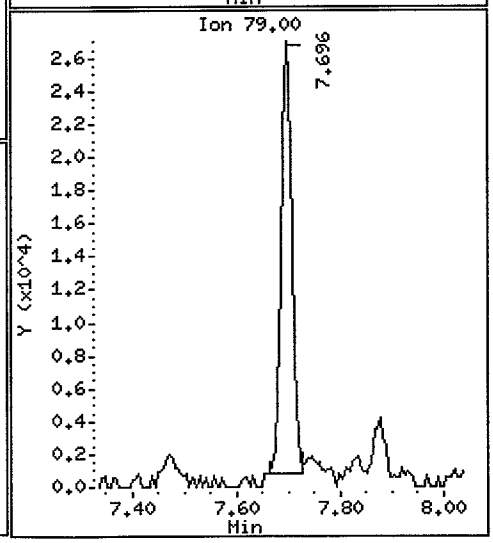


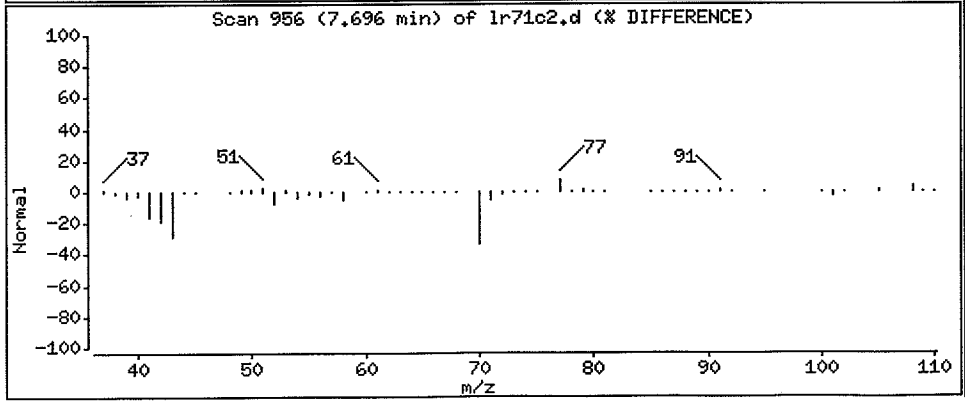












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

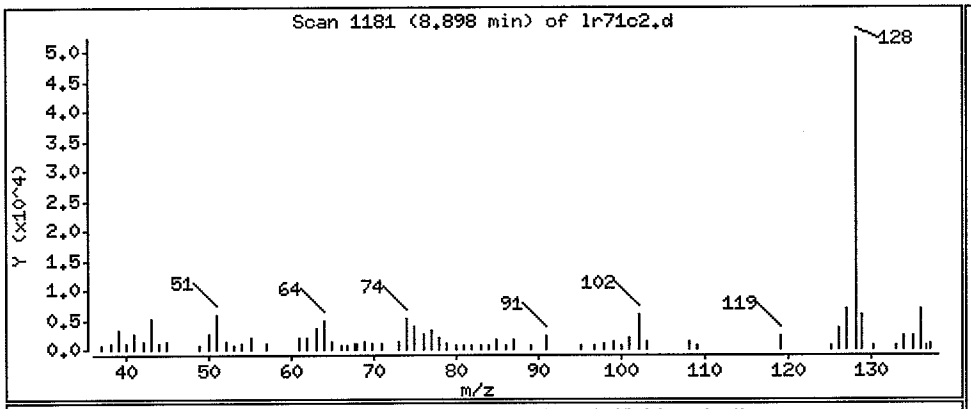
Operator: VTS

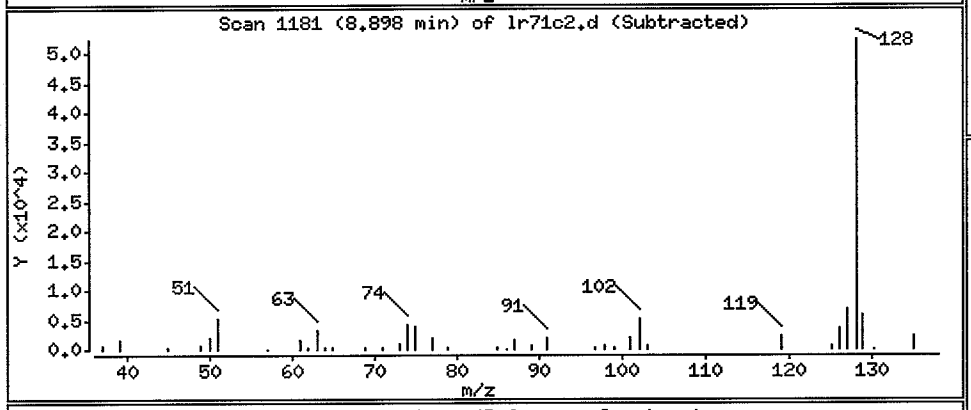
Column phase: ZB-5

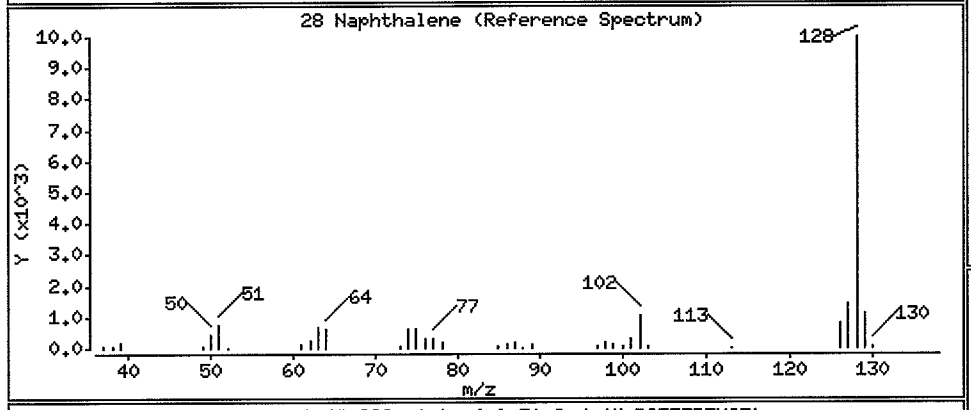
Column diameter: 0.32

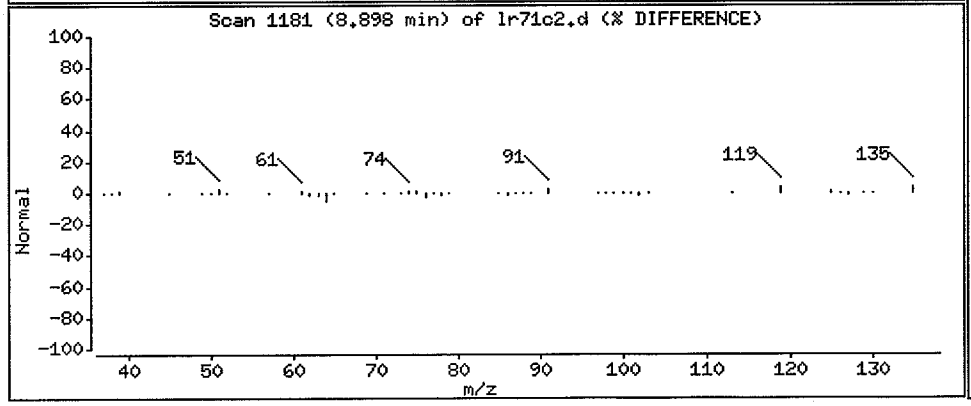
28 Naphthalene

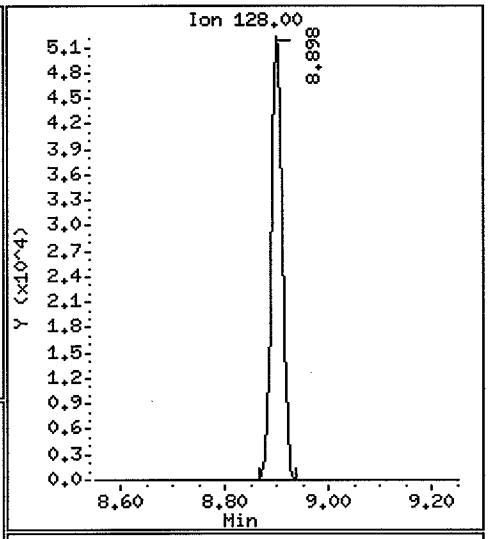
Concentration: 39.50 ug/Kg

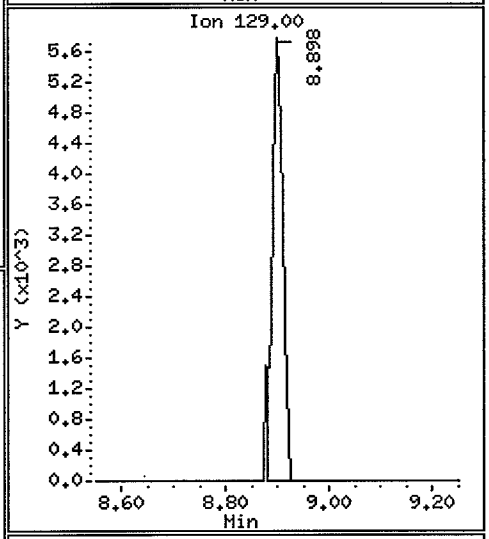


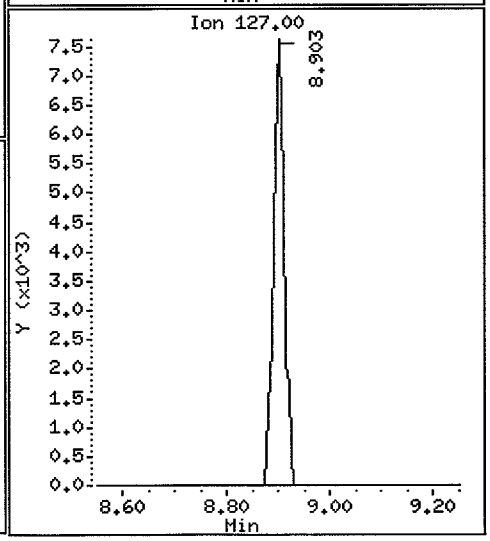












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

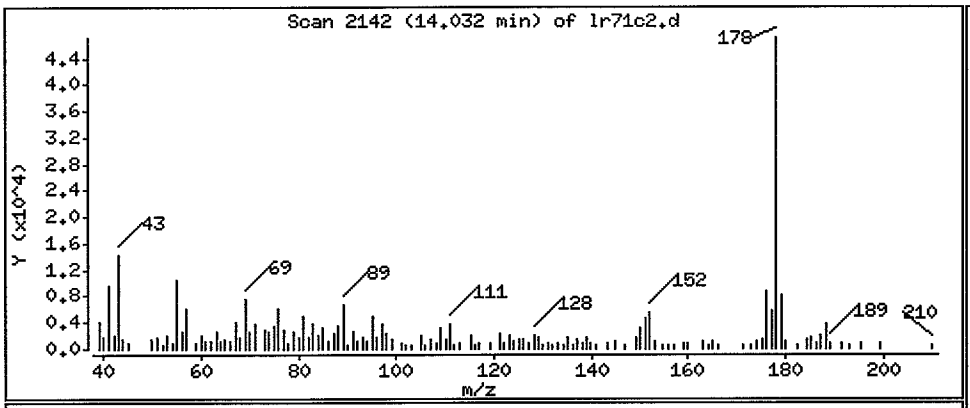
Operator: VTS

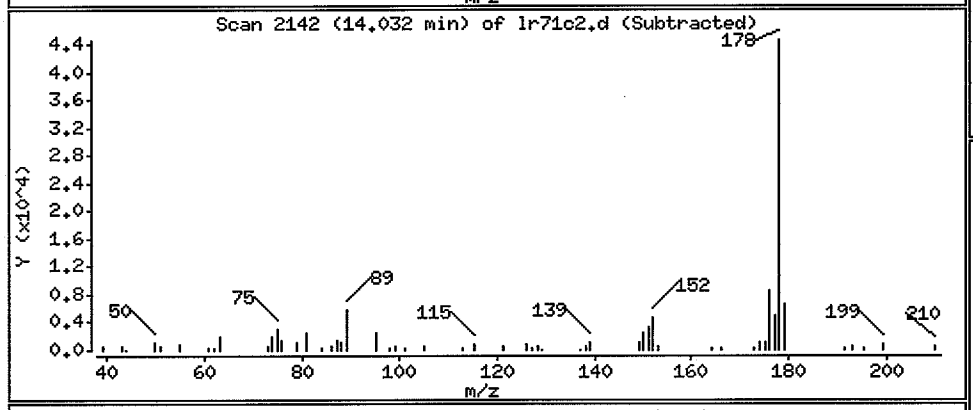
Column phase: ZB-5

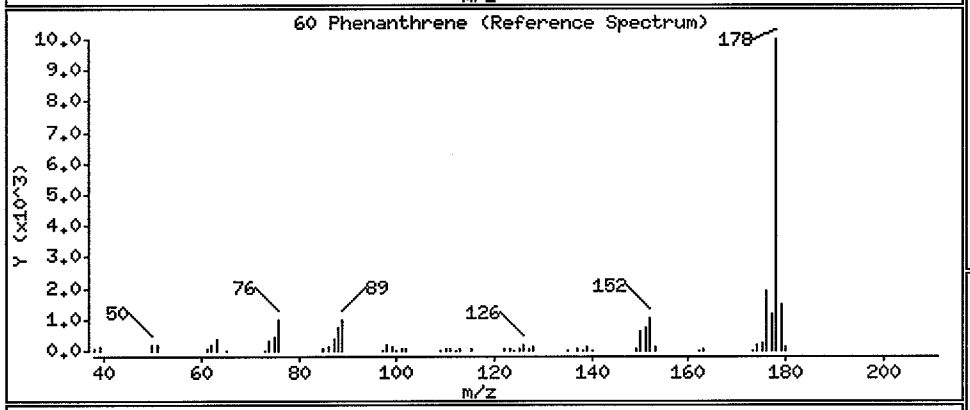
Column diameter: 0.32

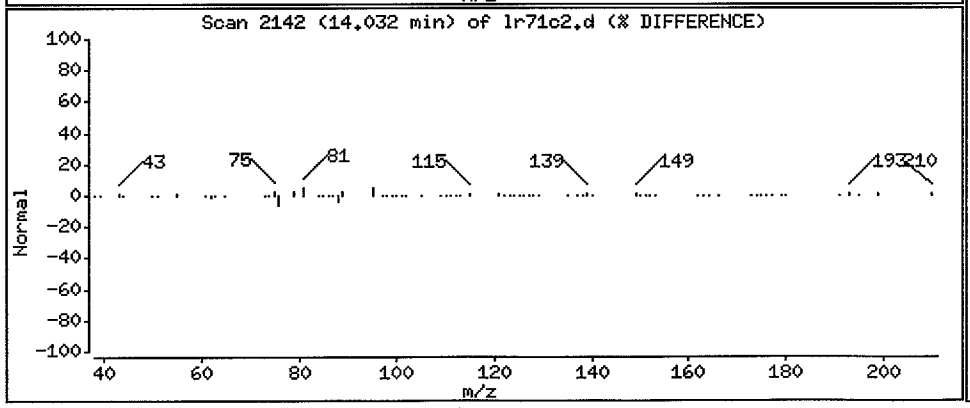
60 Phenanthrene

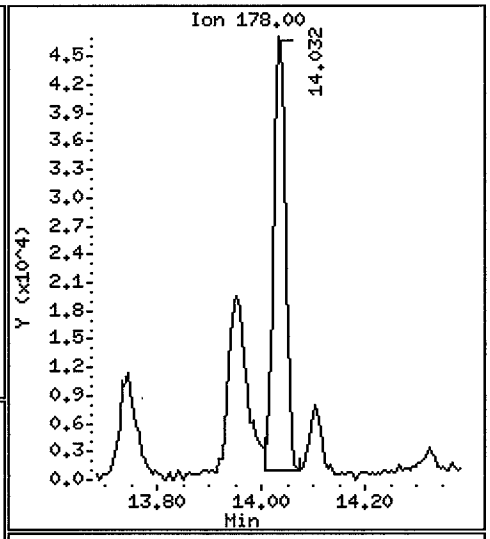
Concentration: 48.85 ug/Kg

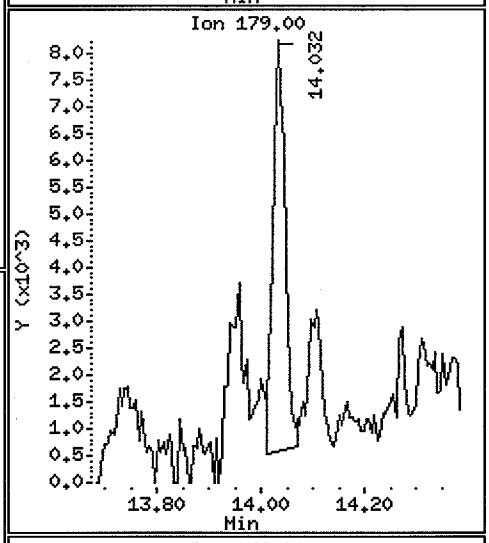


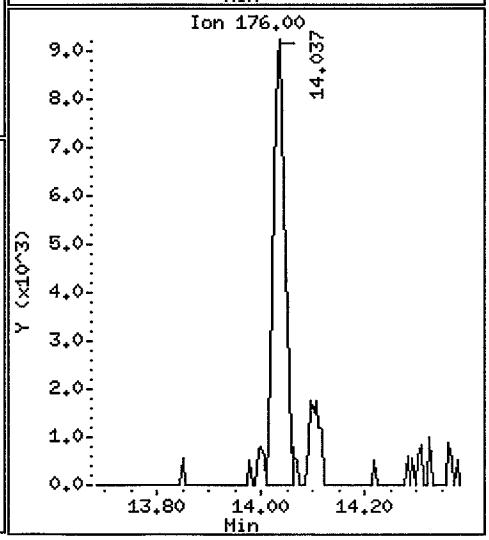












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

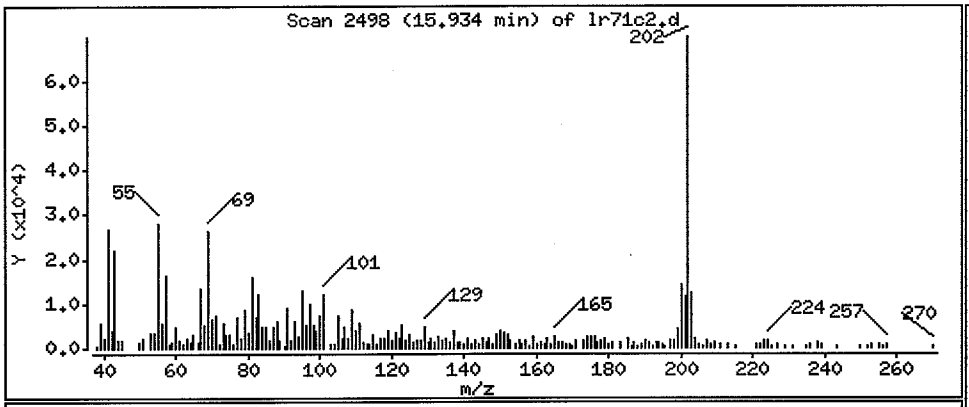
Operator: VTS

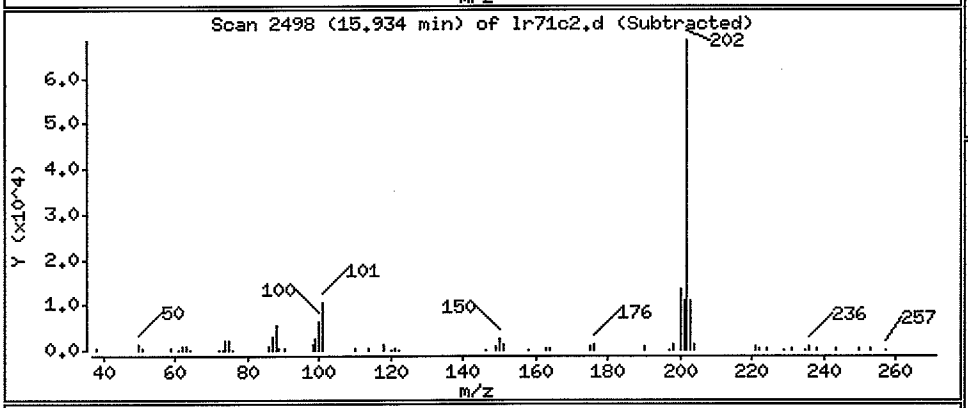
Column phase: ZB-5

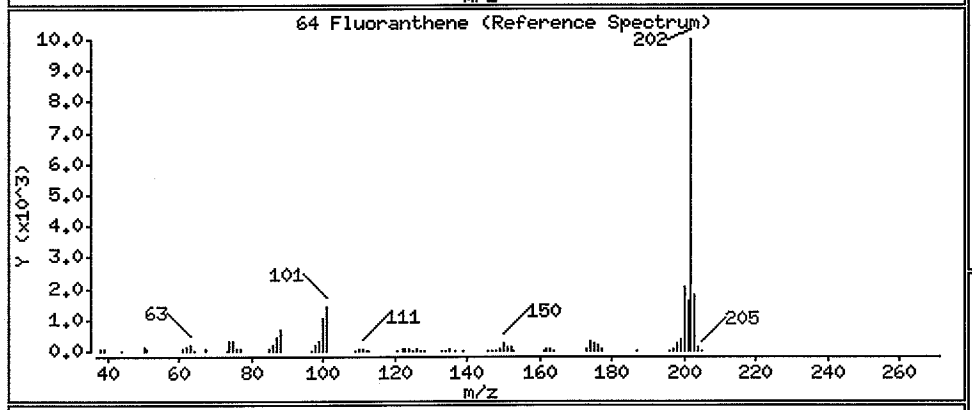
Column diameter: 0.32

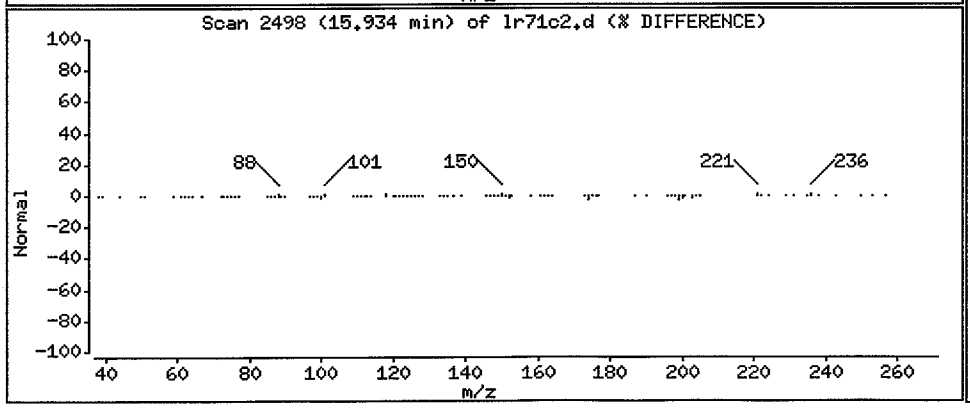
64 Fluoranthene

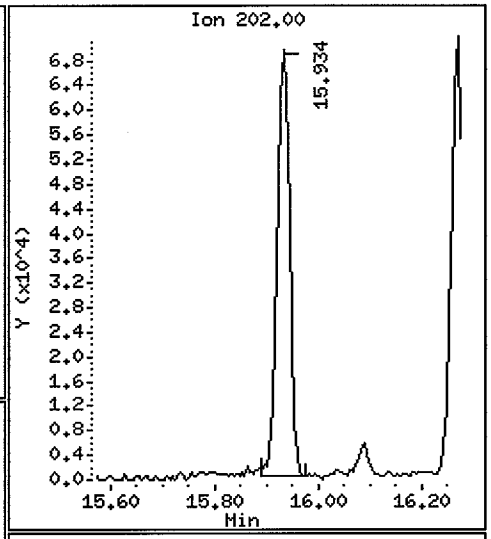
Concentration: 71.58 ug/Kg

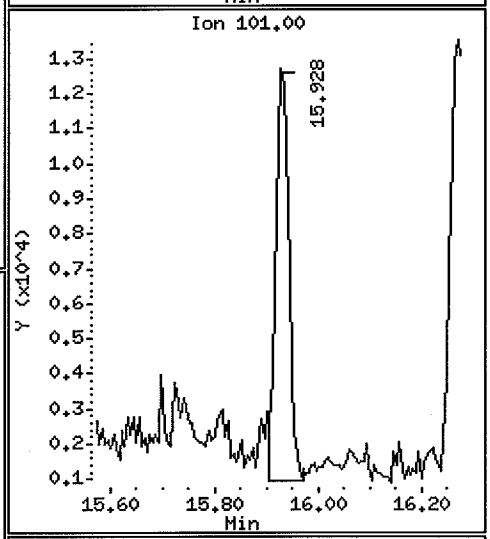


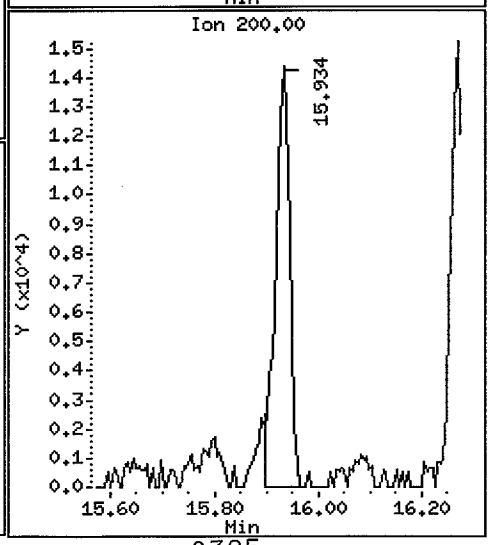












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

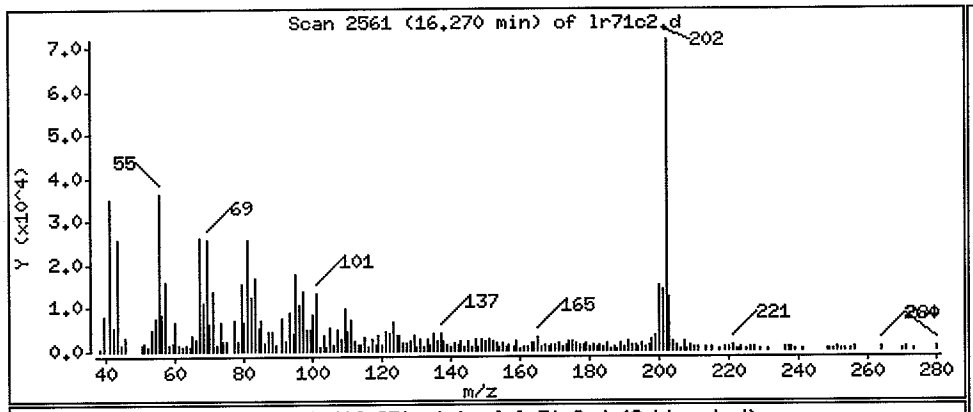
Operator: VTS

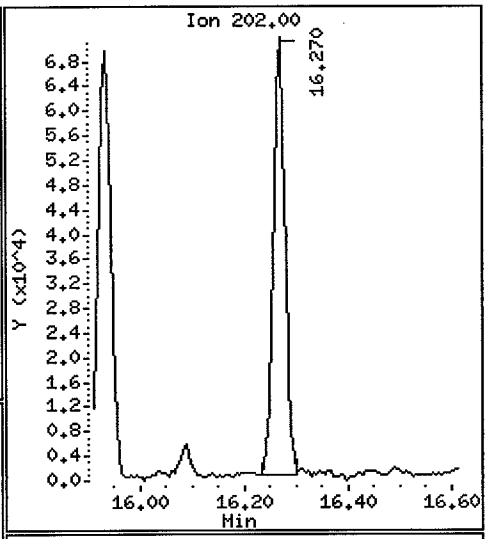
Column phase: ZB-5

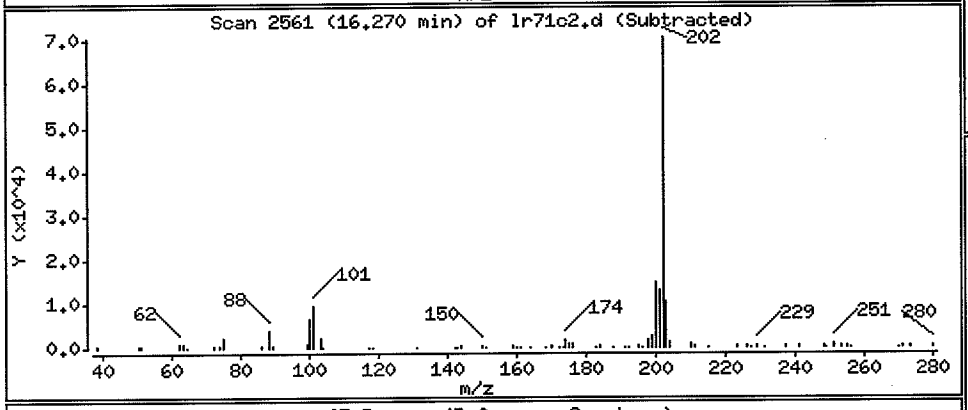
Column diameter: 0.32

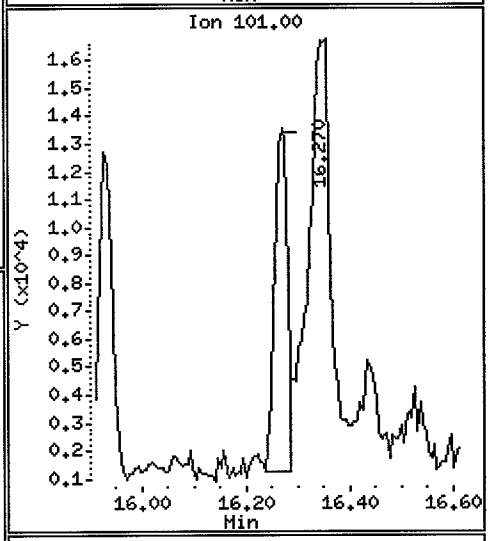
65 Pyrene

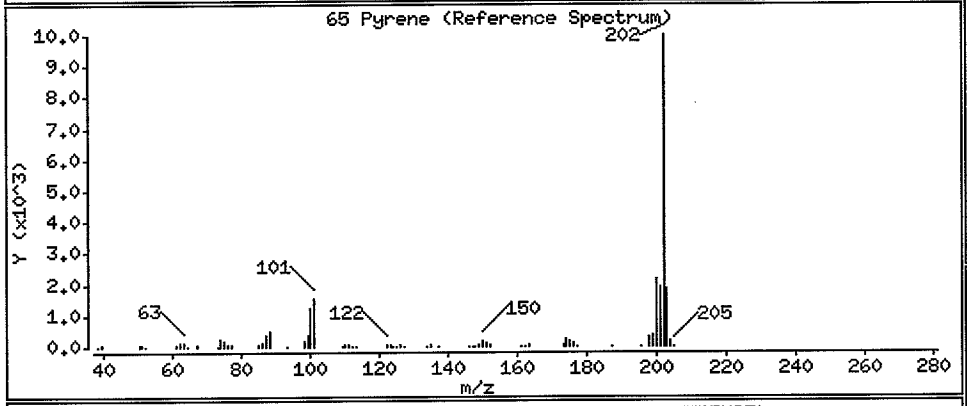
Concentration: 60.42 ug/Kg

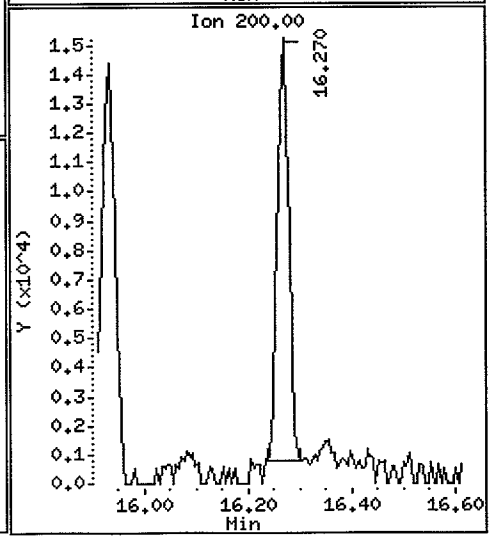


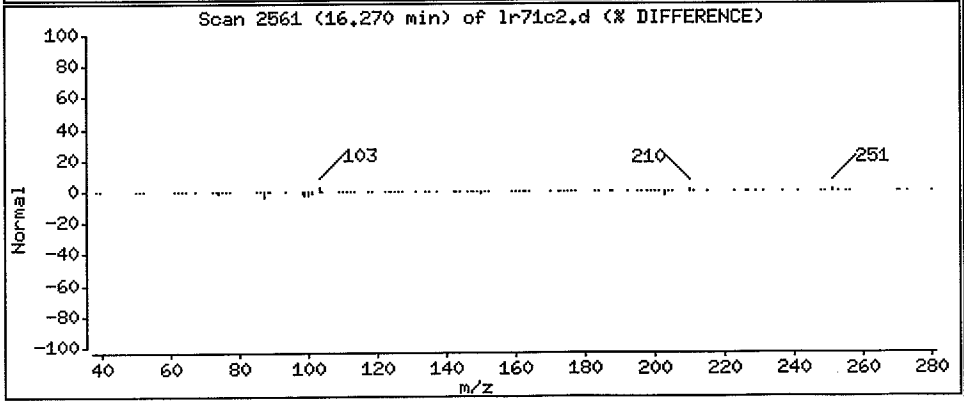












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

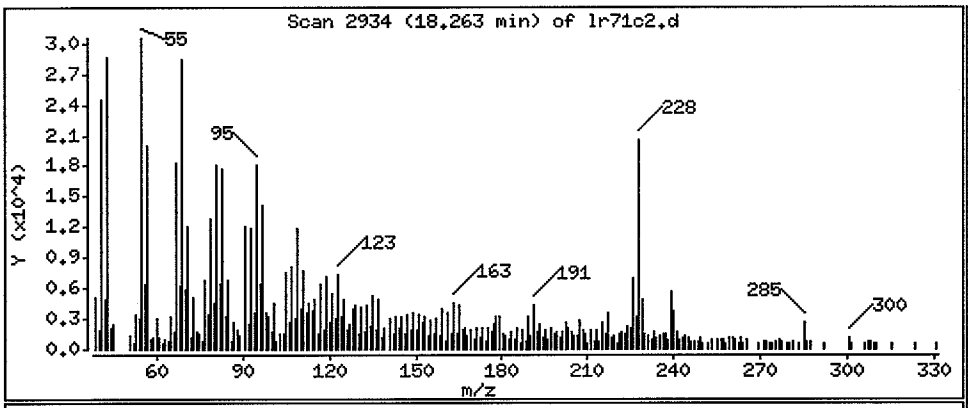
Operator: VTS

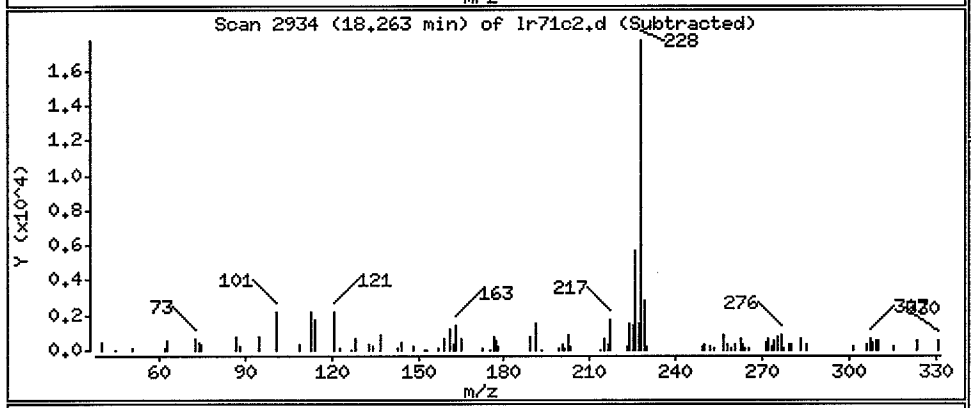
Column phase: ZB-5

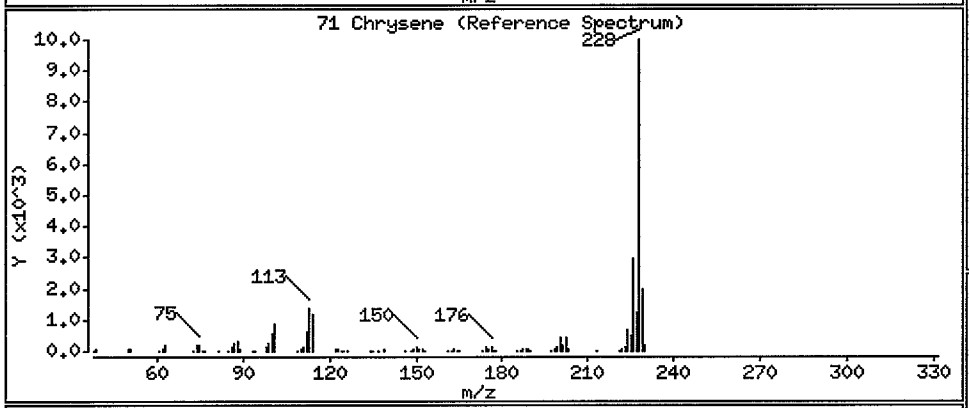
Column diameter: 0.32

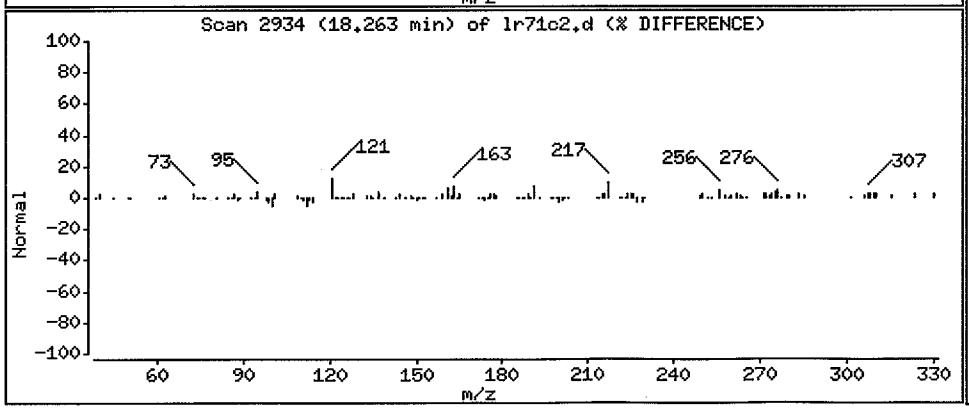
71 Chrysene

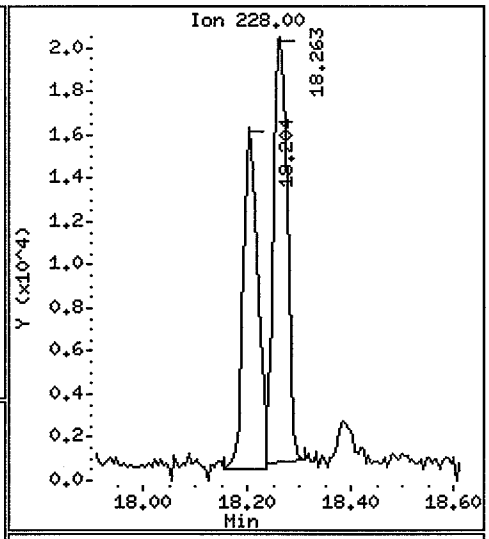
Concentration: 22.32 ug/Kg

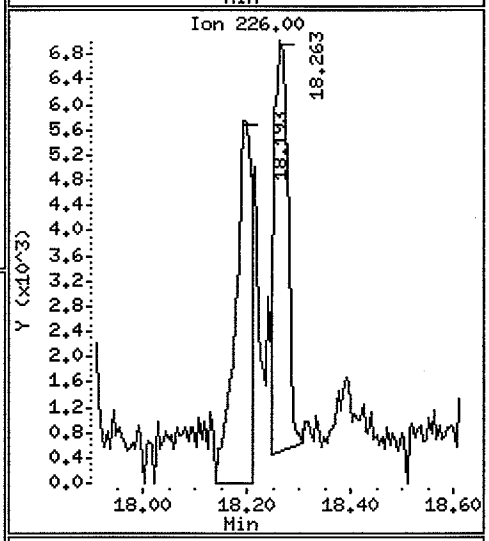


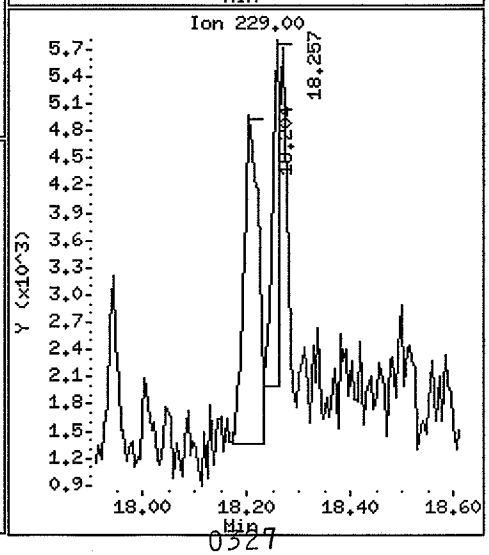












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

Operator: VTS

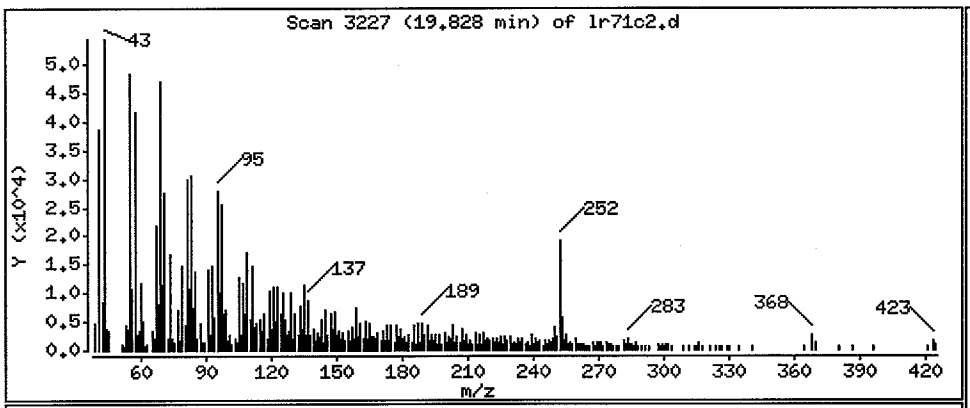
Column phase: ZB-5

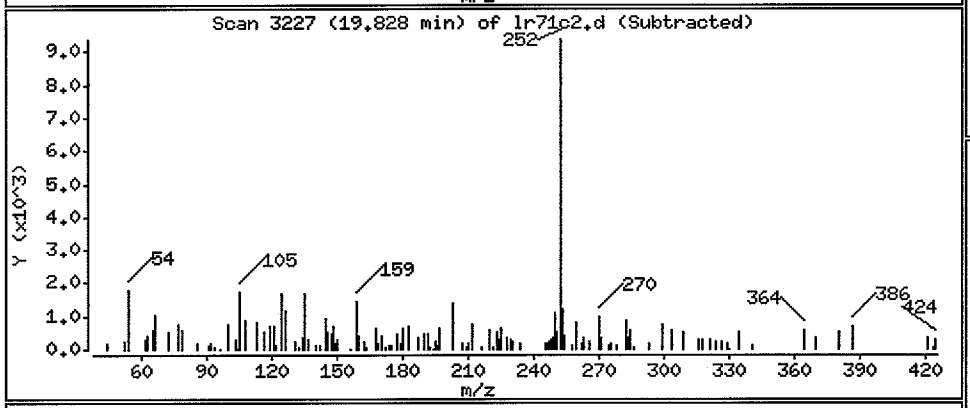
Column diameter: 0.32

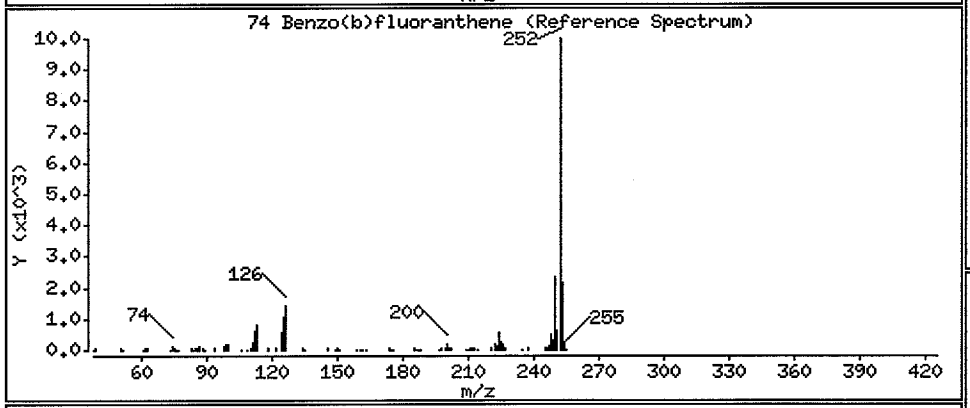
11/2/07

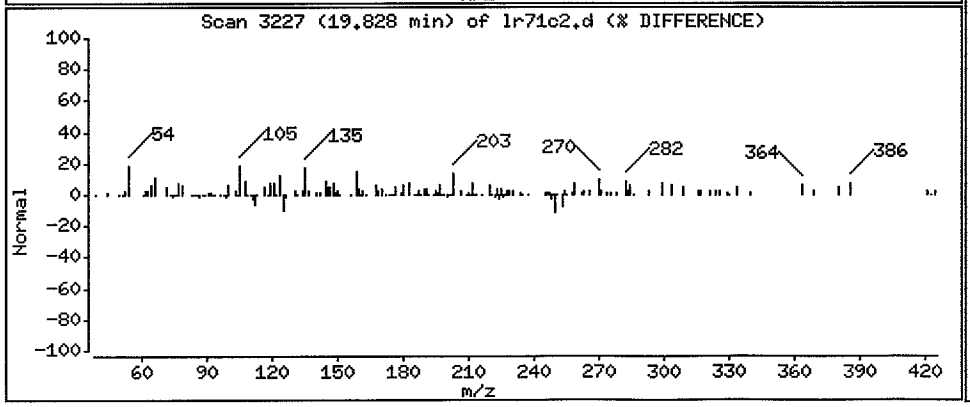
74 Benzo(b)fluoranthene

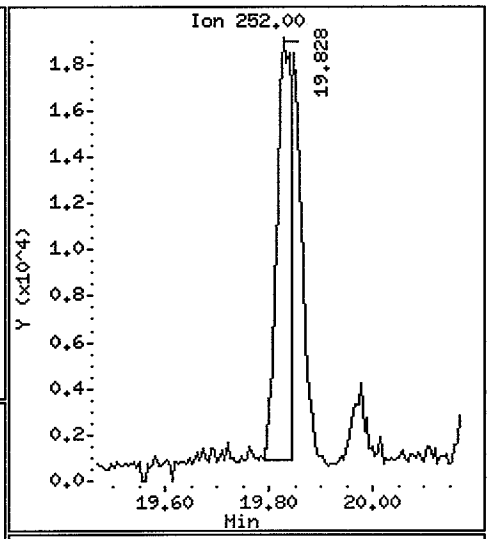
Concentration: 21.84 ug/Kg

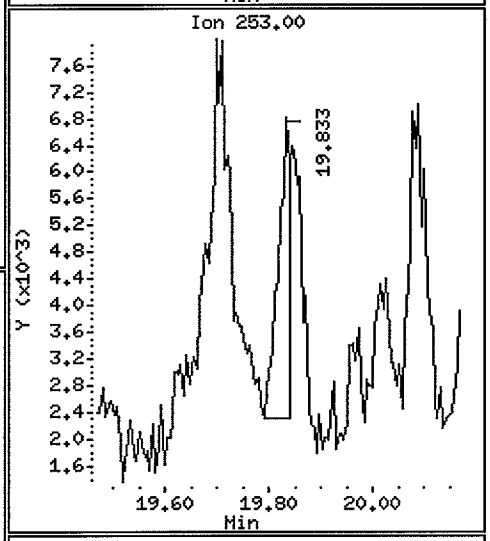


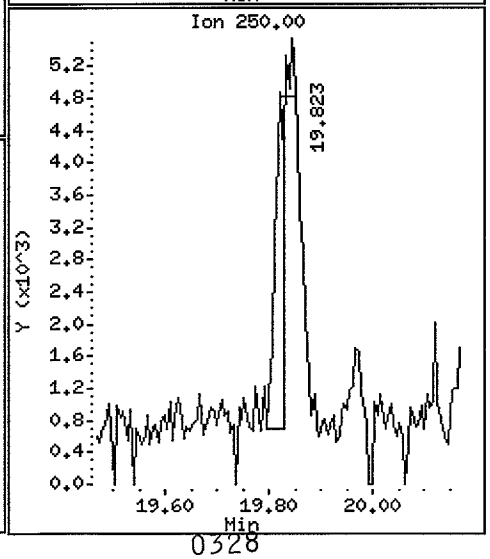












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

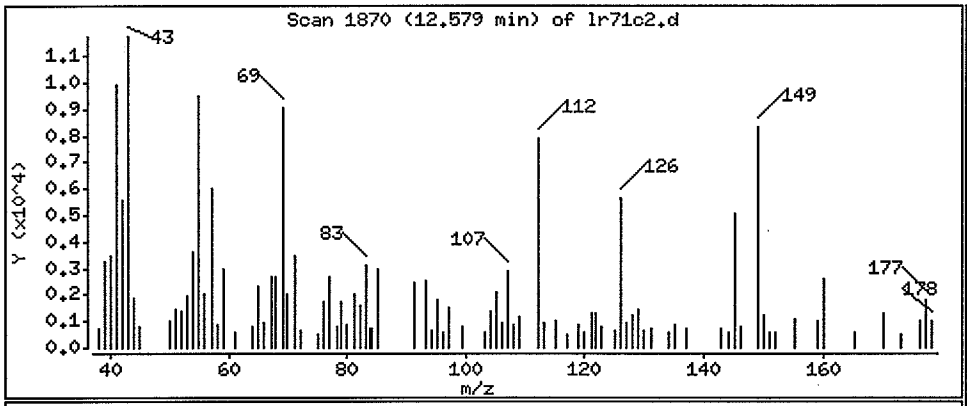
Operator: VTS

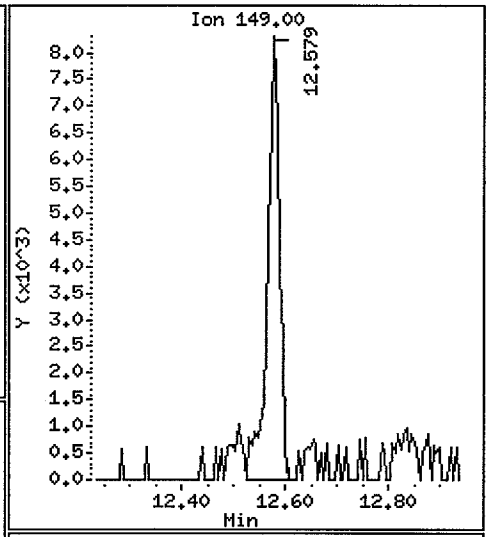
Column phase: ZB-5

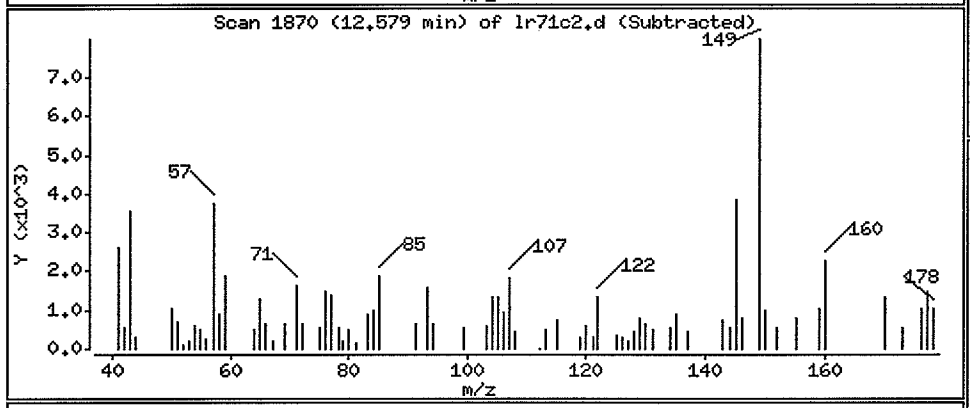
Column diameter: 0.32

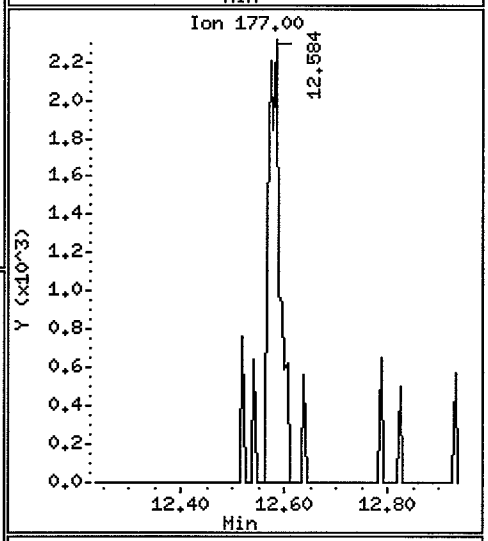
50 Diethylphthalate

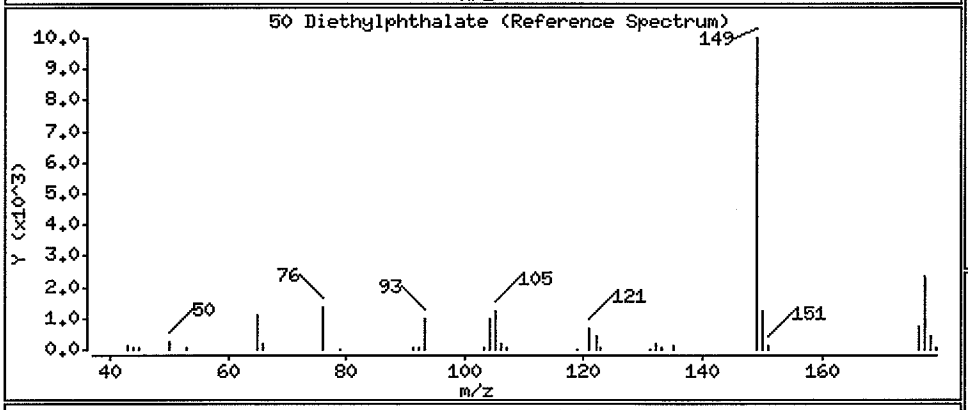
Concentration: 12.02 ug/Kg

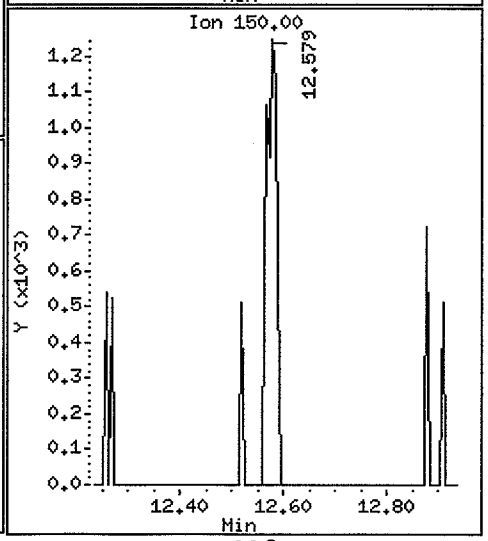


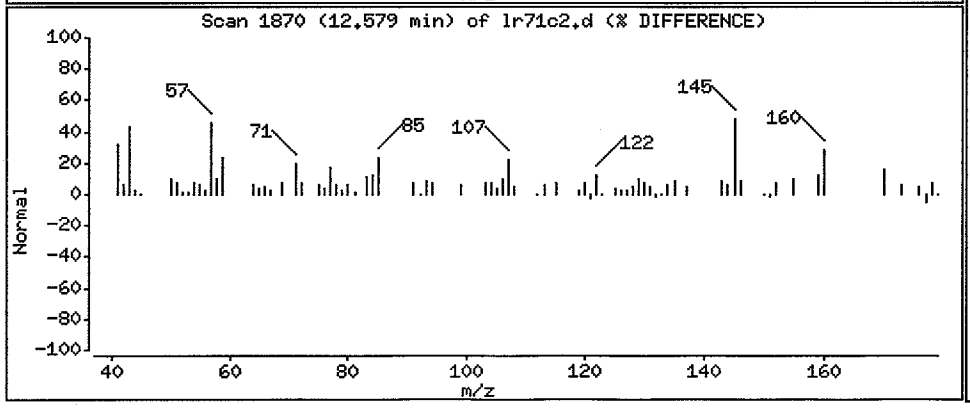












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

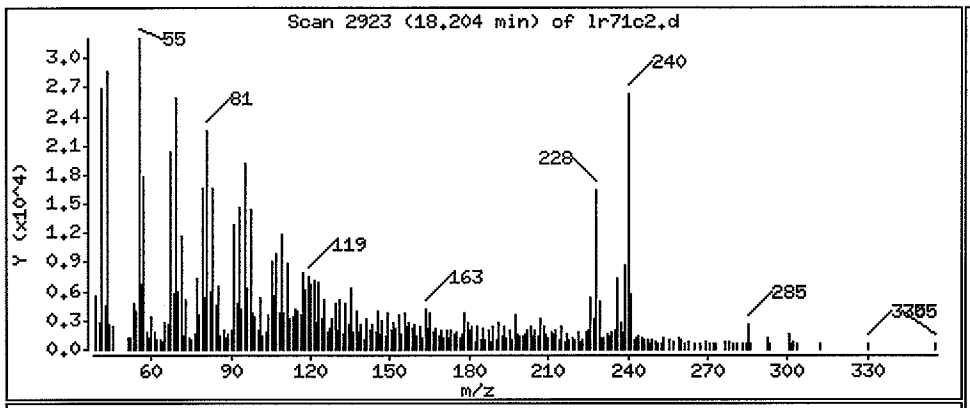
Operator: VTS

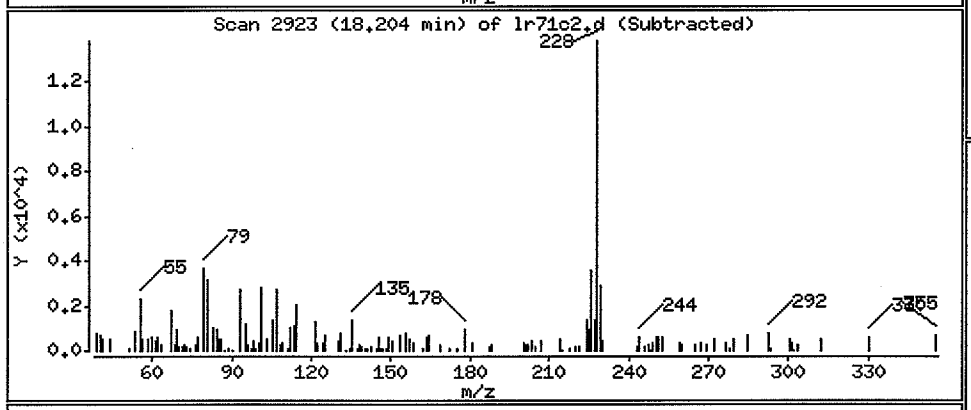
Column phase: ZB-5

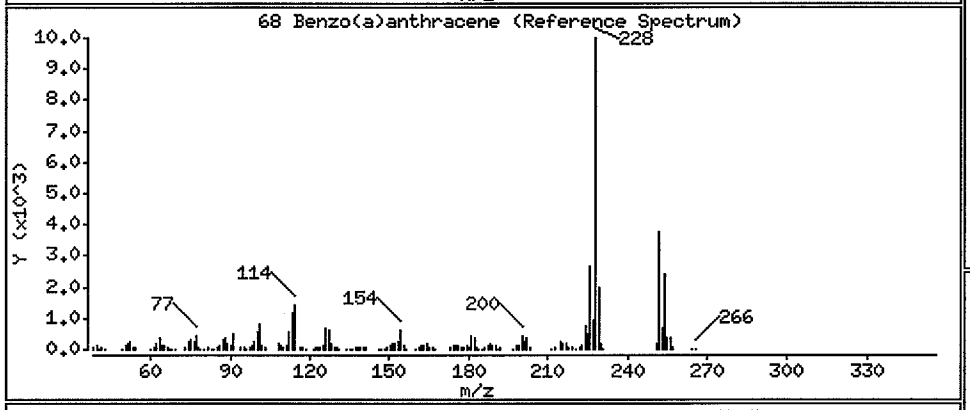
Column diameter: 0.32

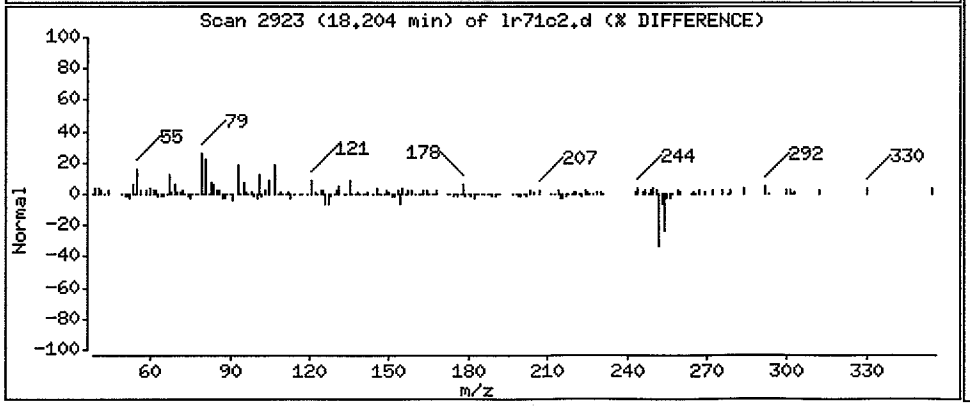
68 Benzo(a)anthracene

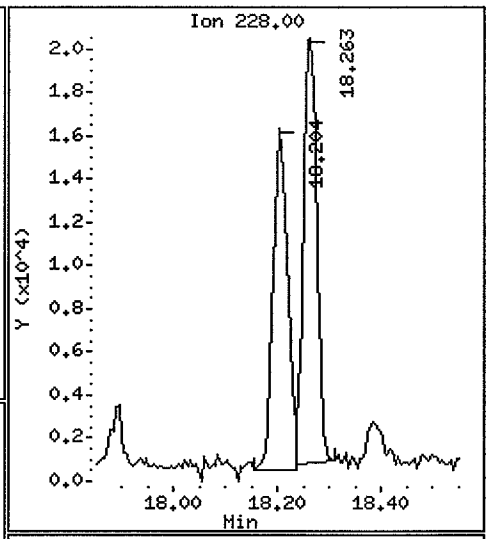
Concentration: 18.45 ug/Kg

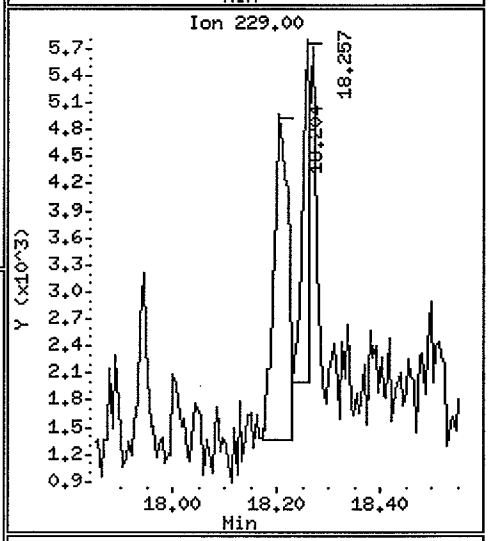


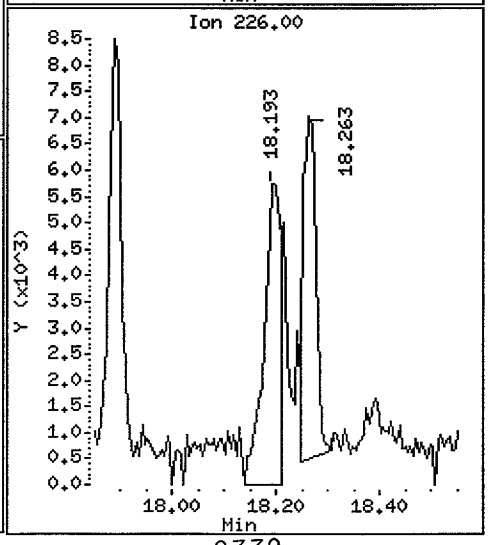












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

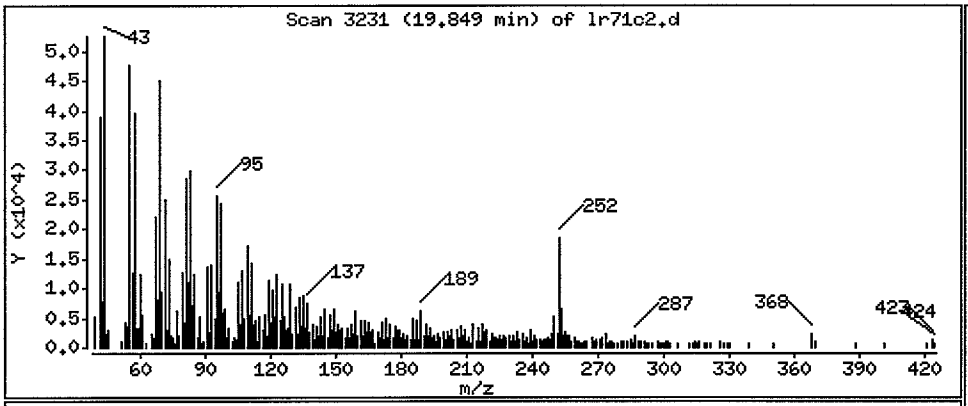
Operator: VTS

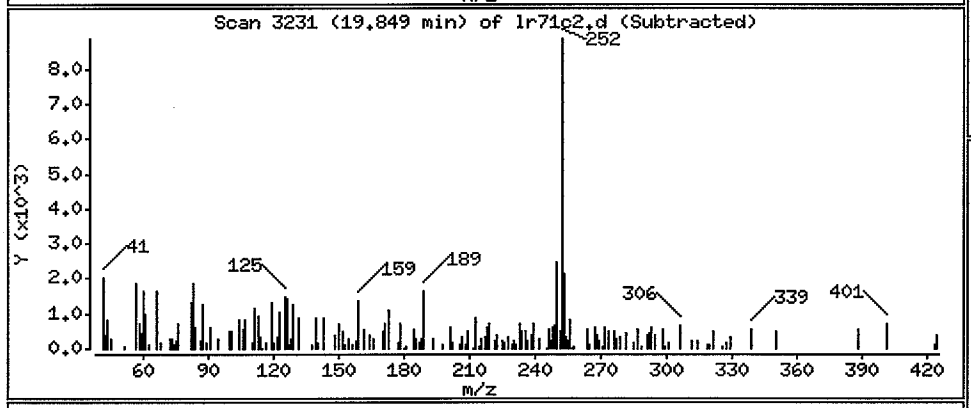
Column phase: ZB-5

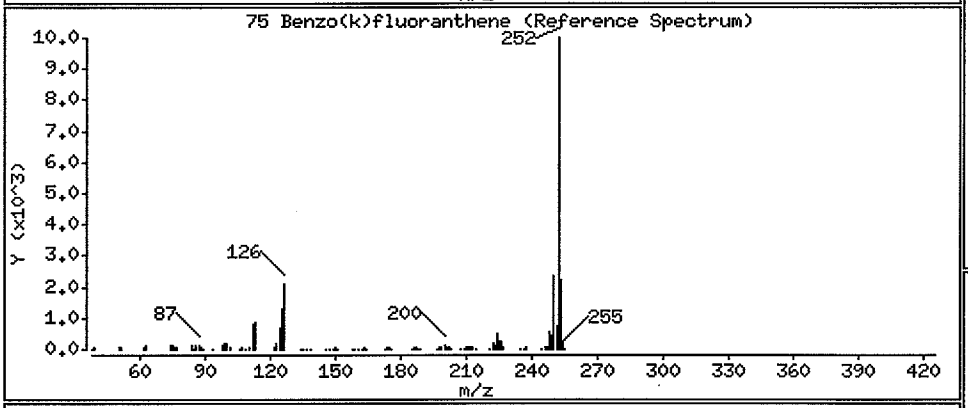
Column diameter: 0.32

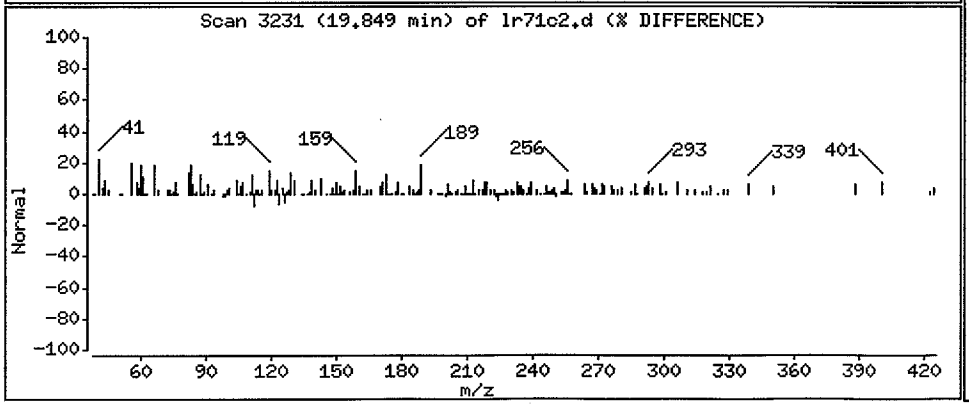
75 Benzo(k)fluoranthene

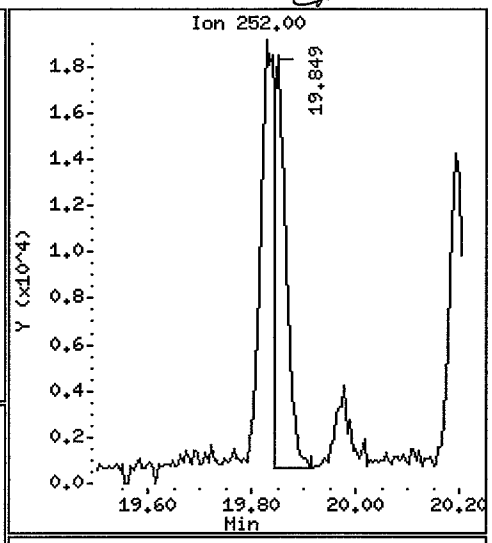
Concentration: 15.74 ug/Kg

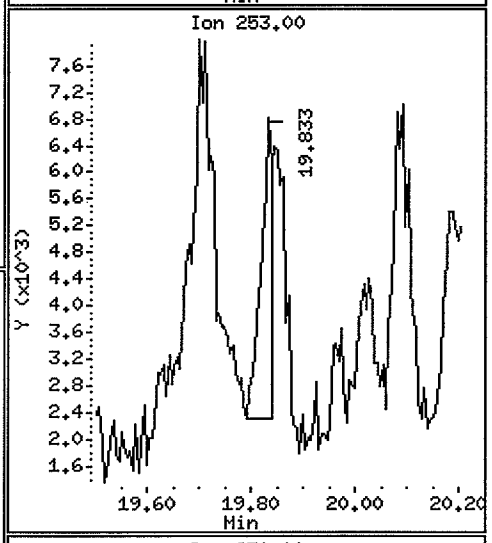


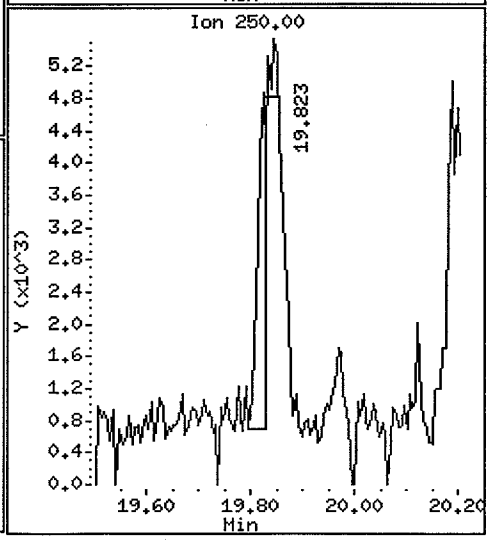












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

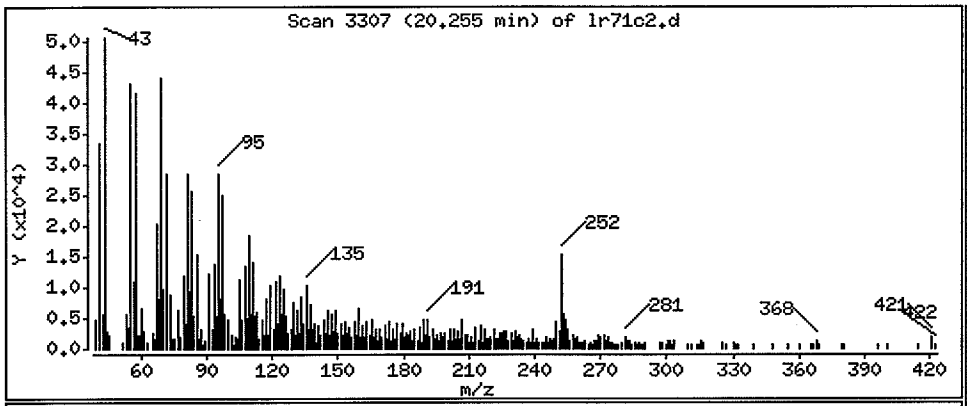
Operator: VTS

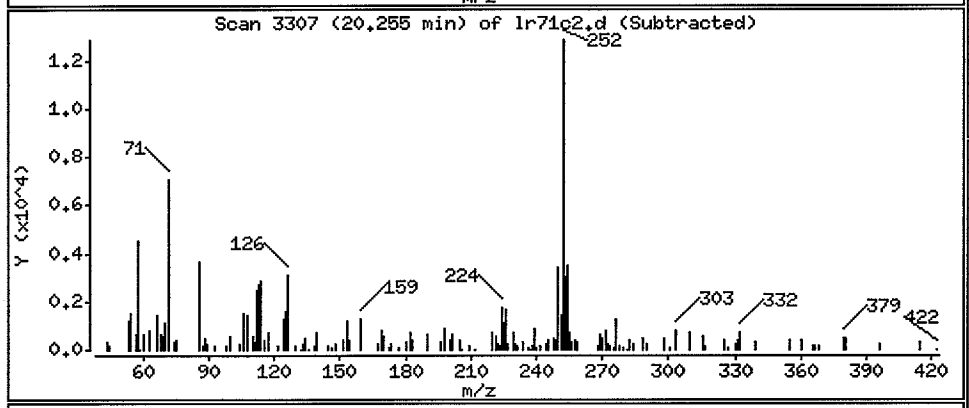
Column phase: ZB-5

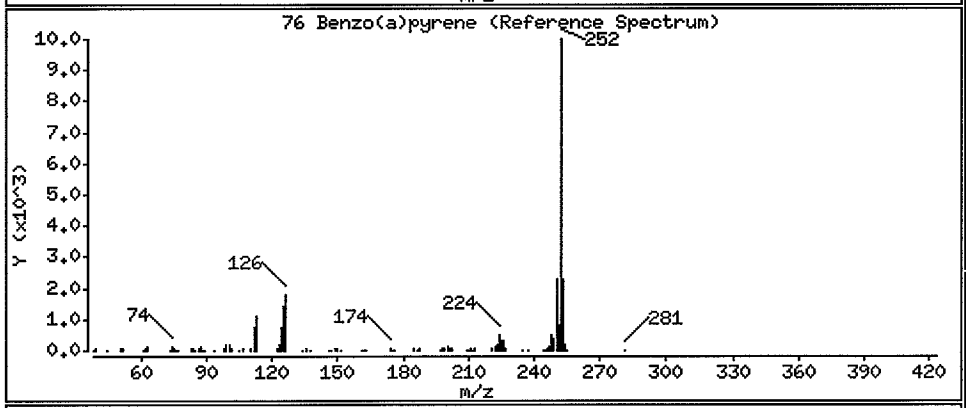
Column diameter: 0.32

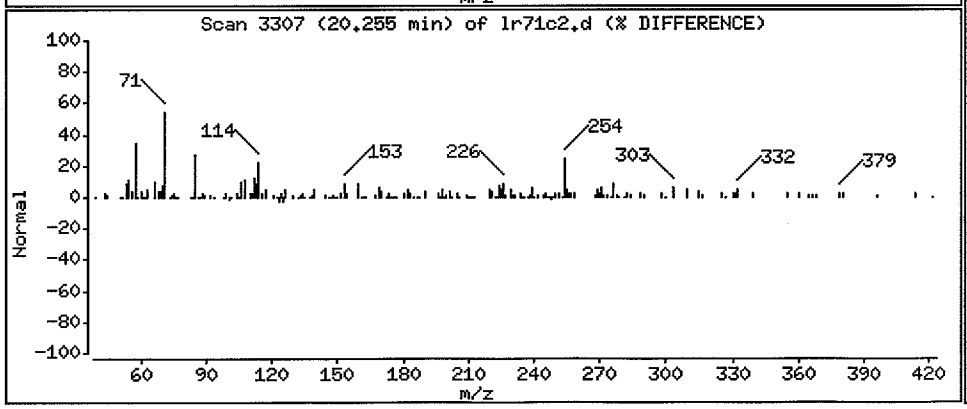
76 Benzo(a)pyrene

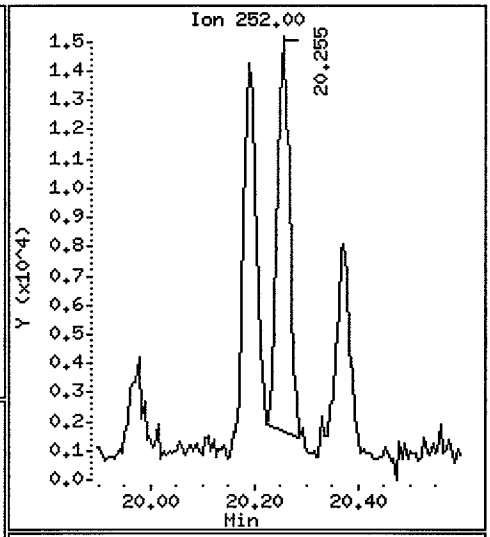
Concentration: 15.12 ug/Kg

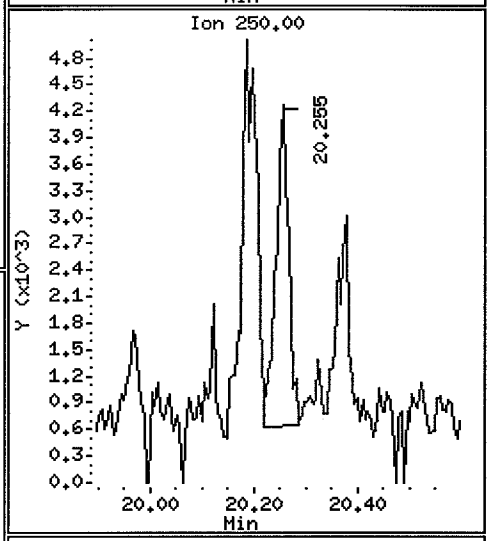


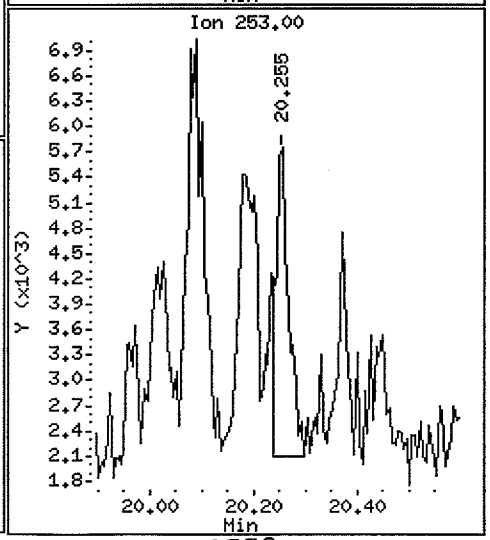












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

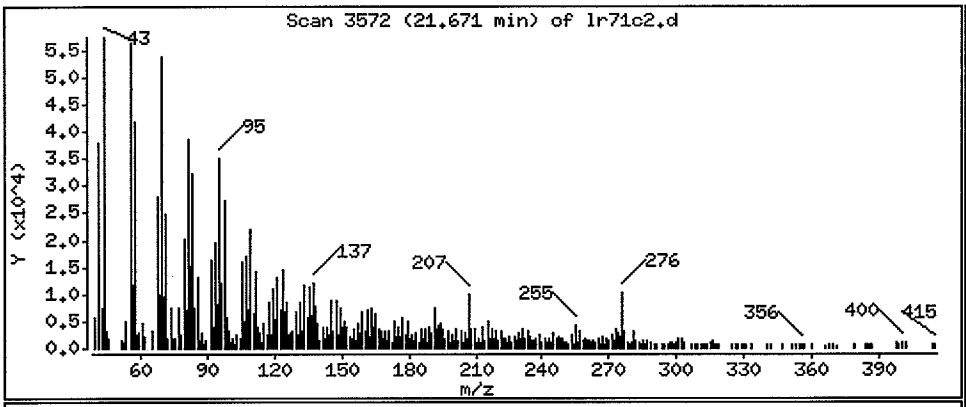
Operator: VTS

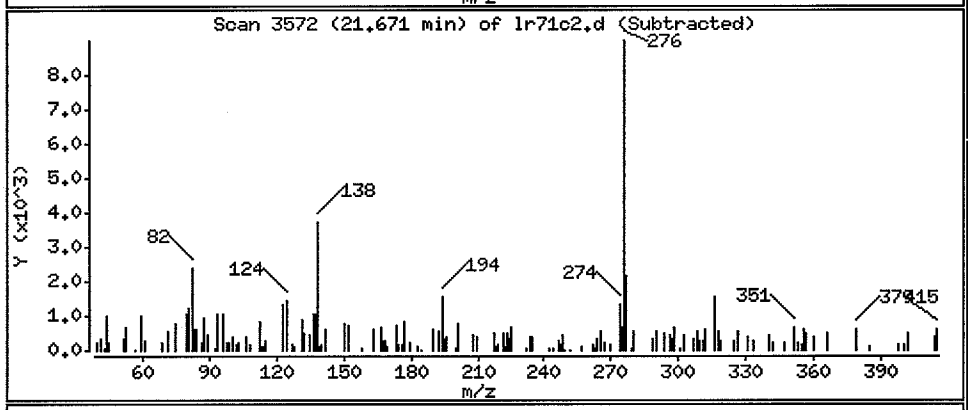
Column phase: ZB-5

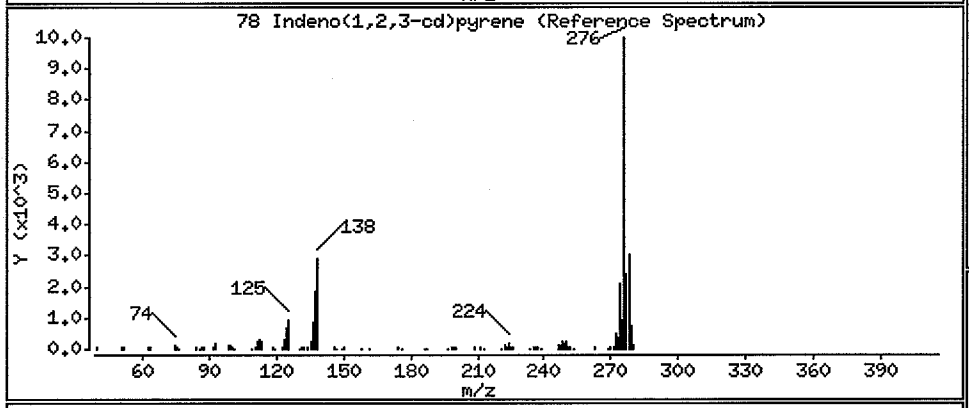
Column diameter: 0.32

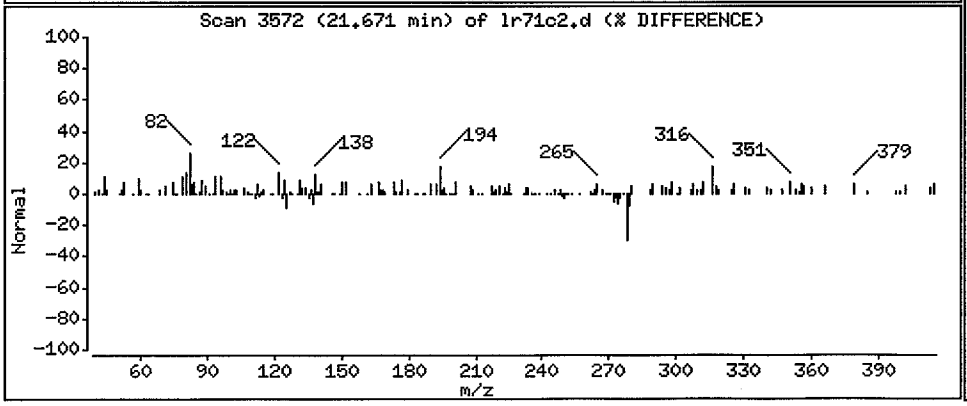
78 Indeno(1,2,3-cd)pyrene

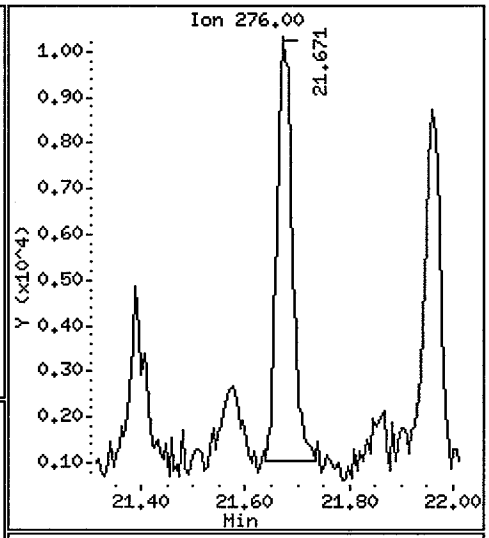
Concentration: 12.16 ug/Kg

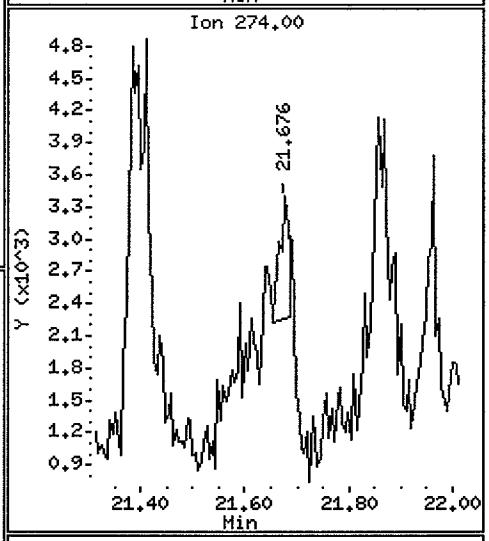


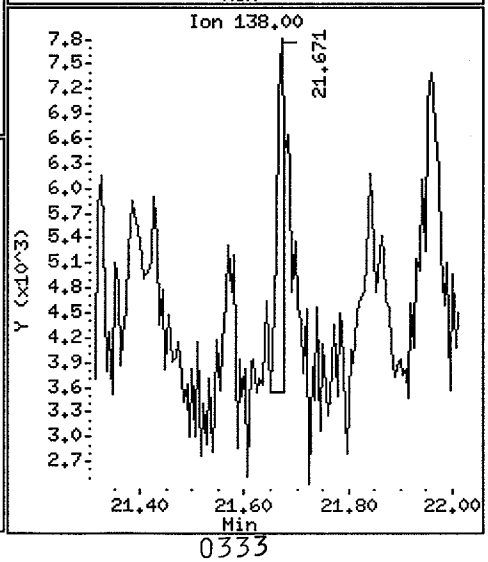












Data File: /chem3/nt4.i/20071101.b/lr71c2.d

Date : 01-NOV-2007 17:42

Client ID:

Instrument: nt4.i

Sample Info: LR71CRE

Volume Injected (uL): 1.0

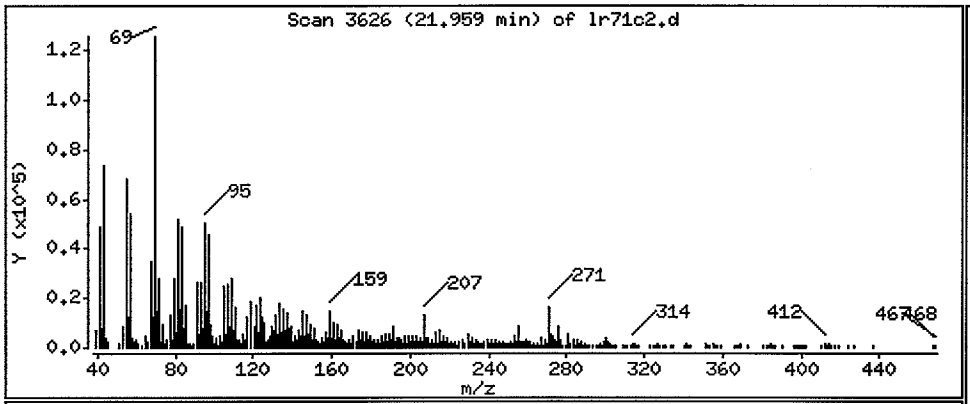
Operator: VTS

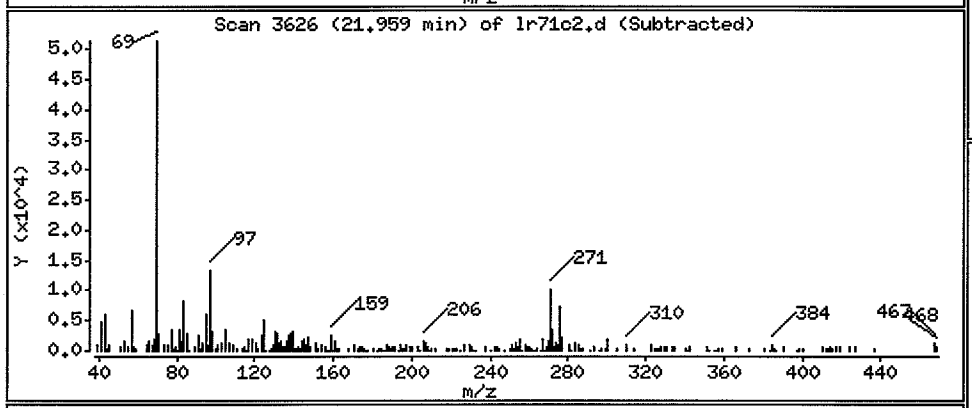
Column phase: ZB-5

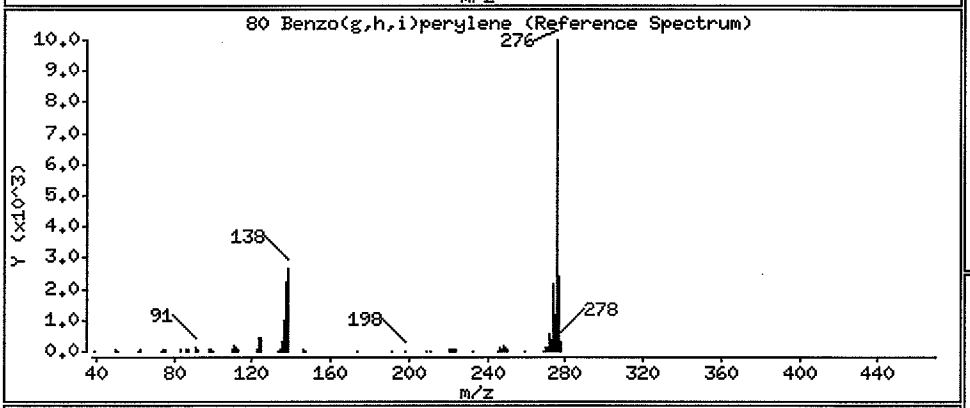
Column diameter: 0.32

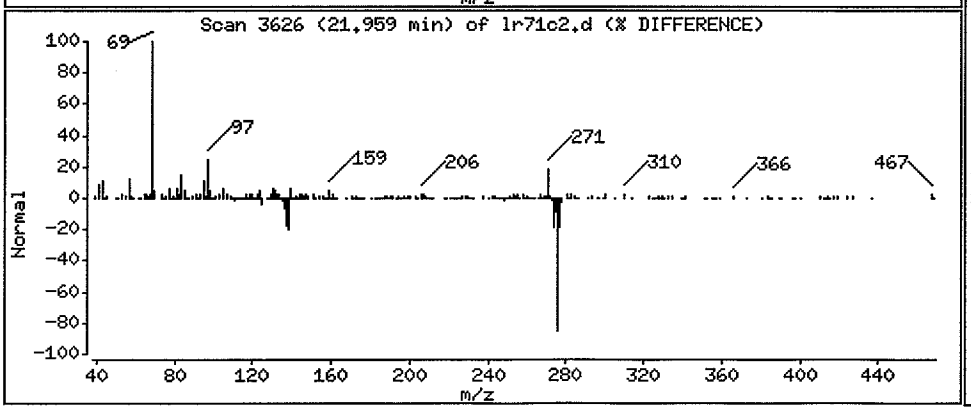
80 Benzo(g,h,i)perylene

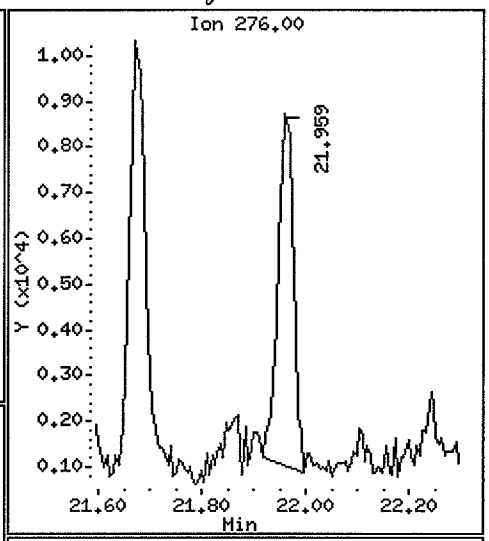
Concentration: 11.49 ug/Kg

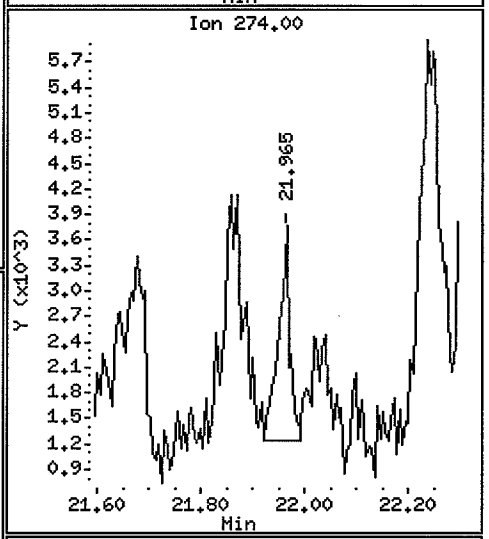


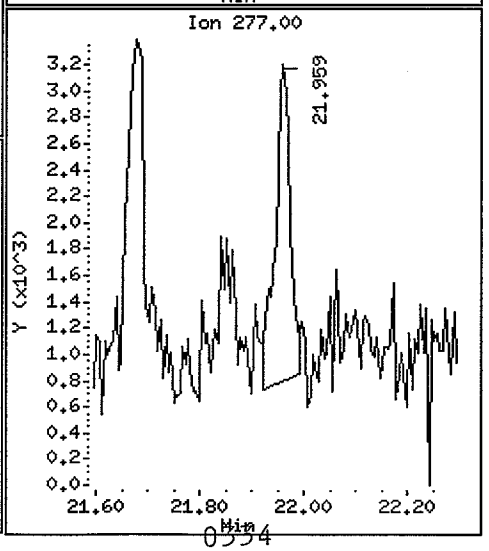












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-07-070928
SAMPLE

Lab Sample ID: LR71D
LIMS ID: 07-20769
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 16:21
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 28.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**21**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**45**
129-00-0	**Pyrene**	**20**	**32**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**60**
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-07-070928
SAMPLE

Lab Sample ID: LR71D
LIMS ID: 07-20769
Matrix: Sediment
Date Analyzed: 10/18/07 16:21

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	51.6%	2-Fluorobiphenyl	53.2%
d14-p-Terphenyl	64.0%	d4-1,2-Dichlorobenzene	46.4%
d5-Phenol	54.4%	2-Fluorophenol	64.5%
2,4,6-Tribromophenol	66.7%	d4-2-Chlorophenol	54.7%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71d.d
Lab Smp Id: LR71D Client Smp ID: AN-SS-07-070928
Inj Date : 18-OCT-2007 16:21
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71D
Misc Info : 07-20769
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 10/25/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	71.00000	Weight of sample extracted (g)
M	28.70000	% Moisture

Cpnd Variable Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.982	5.917	(0.756)	351198	24.2300	478.6
$	2 Phenol-d5	99	7.510	7.488	(0.949)	378232	20.4277	403.5
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.617	7.600	(0.962)	252557	20.4799	404.6
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.916	7.904	(1.000)	196689	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	8.215	8.204	(1.038)	107120	11.5836	228.8
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.685	8.674	(1.097)	14784	1.07033	21.14
$	18 Nitrobenzene-d5	82	8.851	8.845	(0.888)	254876	12.9089	255.0
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.973	9.961	(1.000)	614521	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.784	11.777	(0.917)	380408	13.3169	263.1
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.852	12.841	(1.000)	366890	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	13.696	13.695	(1.066)	12666	0.50451 LAL	9.966
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.150	14.139	(1.101)	88823	24.9530	492.9
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.240	15.223	(1.000)	635257	20.0000	
	60 Phenanthrene	178	15.272	15.261	(1.002)	38846	0.95308 LAL	18.83
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	17.222	17.205	(1.130)	105459	2.26257	44.69
65	Pyrene	202	17.575	17.563	(0.898)	86568	1.60095	31.63
$ 66	Terphenyl-d14	244	17.906	17.884	(0.915)	542061	16.0158	316.4
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	19.573	19.556	(1.000)	752882	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.610	19.598	(1.002)	32954	0.62165 LOL	12.28
72	bis(2-Ethylhexyl)phthalate	149	19.797	19.785	(0.955)	92424	3.06026	60.45
* 134	Di-n-octylphthalate-d4	153	20.737	20.720	(1.000)	998802	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	21.202	21.190	(0.975)	28406	0.63694 LOL	12.58
75	Benzo(k)fluoranthene	252	21.229	21.228	(0.977)	24064	0.51008	10.08(M)
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	21.736	21.719	(1.000)	621049	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71d.d
Lab Smp Id: LR71D
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20769

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-07-070928
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	196689	-7.26
27 Naphthalene-d8	656578	328289	1313156	614521	-6.41
42 Acenaphthene-d10	353705	176852	707410	366890	3.73
59 Phenanthrene-d10	526440	263220	1052880	635257	20.67
69 Chrysene-d12	581923	290962	1163846	752882	29.38
134 Di-n-octylphthala	979097	489548	1958194	998802	2.01
77 Perylene-d12	686531	343266	1373062	621049	-9.54

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.92	0.15
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.12
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.09
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.11
69 Chrysene-d12	19.56	19.06	20.06	19.57	0.09
134 Di-n-octylphthala	20.72	20.22	21.22	20.74	0.08
77 Perylene-d12	21.72	21.22	22.22	21.74	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

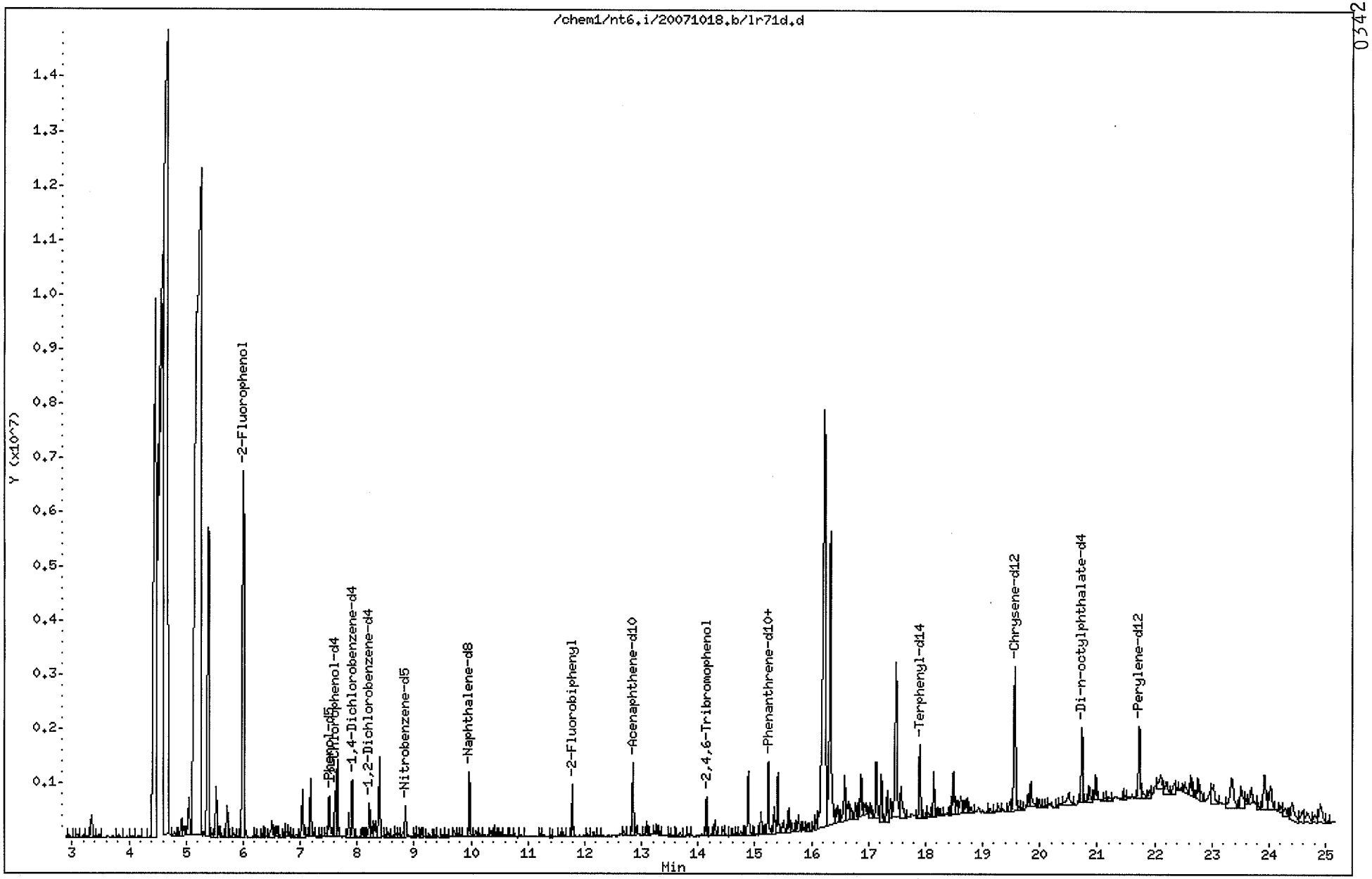
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71D
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20769

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-07-070928
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	740.8	478.6	64.61	11-84
$ 2 Phenol-d5	740.8	403.5	54.47	25-86
$ 5 2-Chlorophenol-d4	740.8	404.6	54.61	23-91
$ 10 1,2-Dichlorobenzen	493.8	228.8	46.33	24-90
$ 18 Nitrobenzene-d5	493.8	255.0	51.64	26-88
$ 36 2-Fluorobiphenyl	493.8	263.1	53.27	34-91
$ 55 2,4,6-Tribromophen	740.8	492.9	66.54	25-107
$ 66 Terphenyl-d14	493.8	316.4	64.06	22-100

Data File: /chem1/nt6.i/20071018.b/lr71d.d
Date : 18-OCT-2007 16:21
Client ID: AN-SS-07-070928
Sample Info: LR71D
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20071018.b/lr71d.d

Date : 18-OCT-2007 16:21

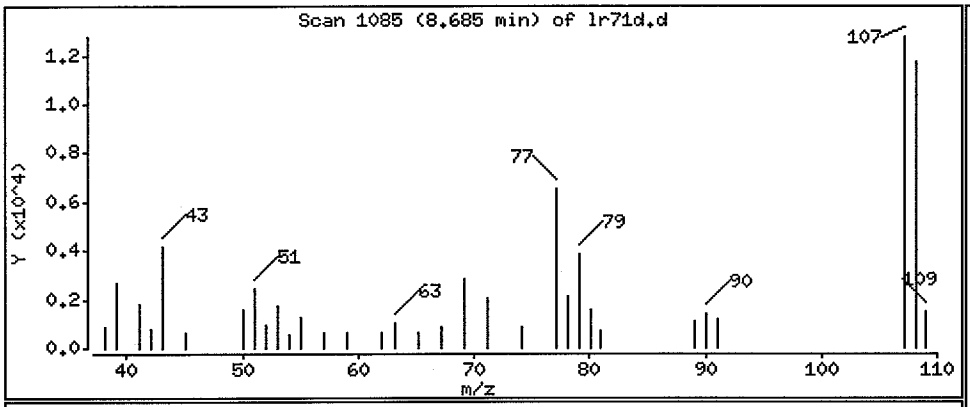
Client ID: AN-SS-07-070928 Instrument: nt6.i

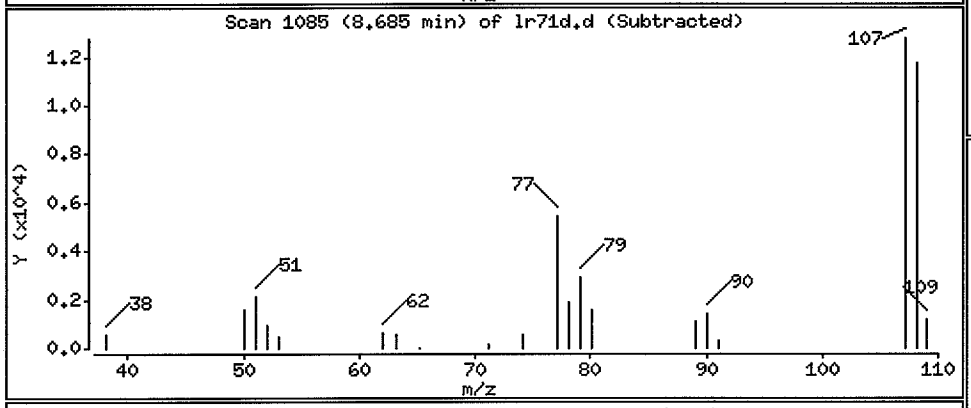
Sample Info: LR71D

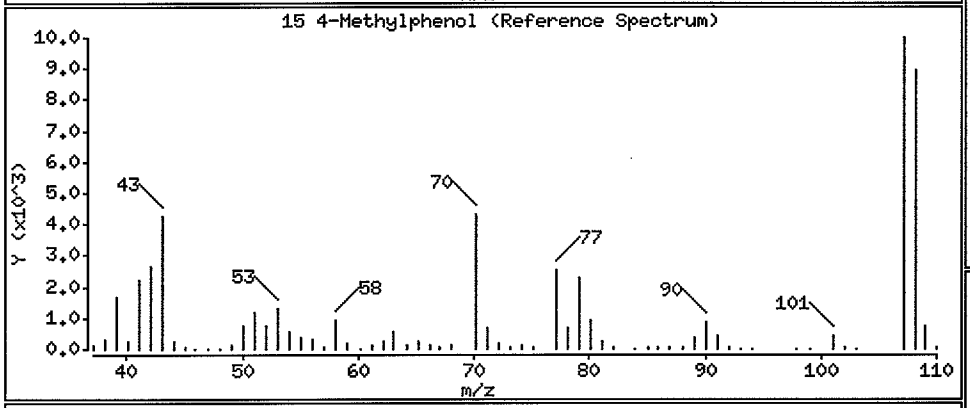
Volume Injected (uL): 1.0 Operator: LJR/VTS

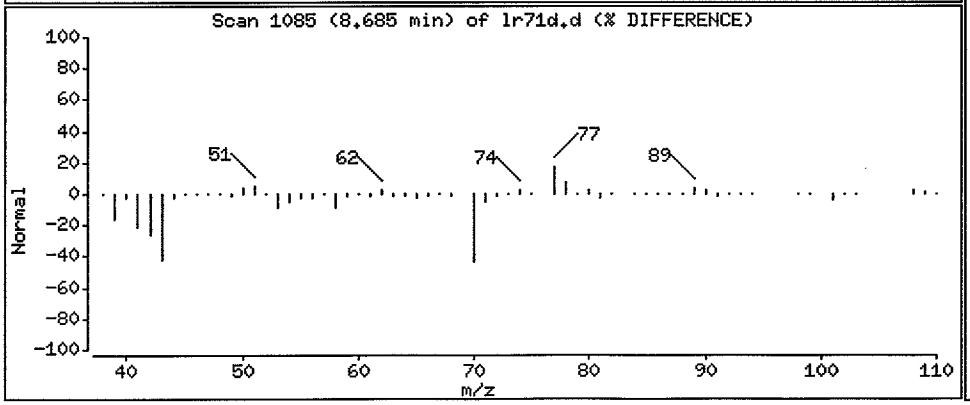
Column phase: ZB-5 Column diameter: 0.32

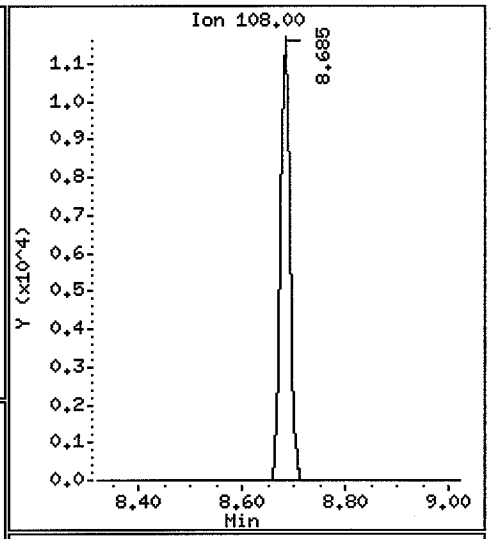
15 4-Methylphenol Concentration: 21.14 ug/kg

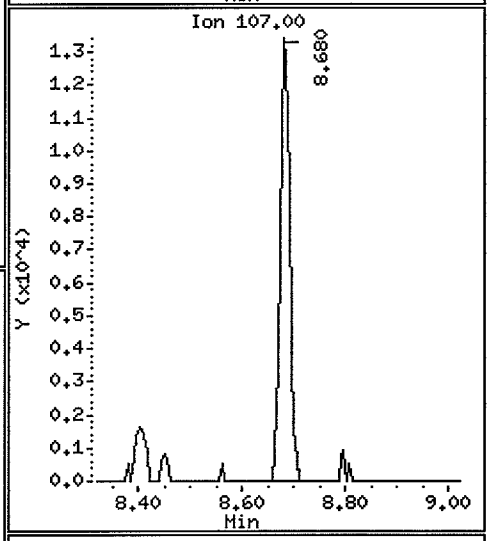


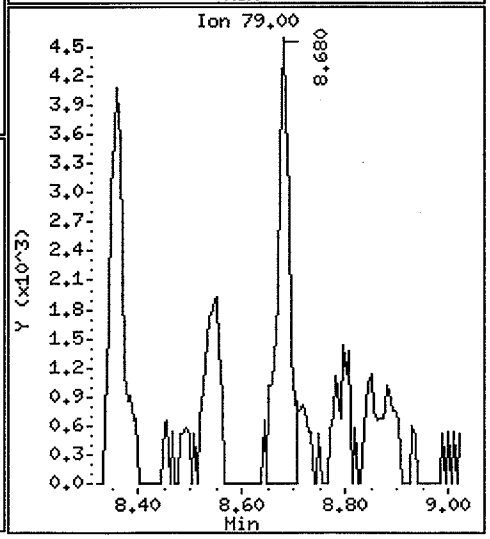












Data File: /chem1/nt6.i/20071018.b/lr71d.d

Date : 18-OCT-2007 16:21

Client ID: AN-SS-07-070928

Instrument: nt6.i

Sample Info: LR71D

Volume Injected (uL): 1.0

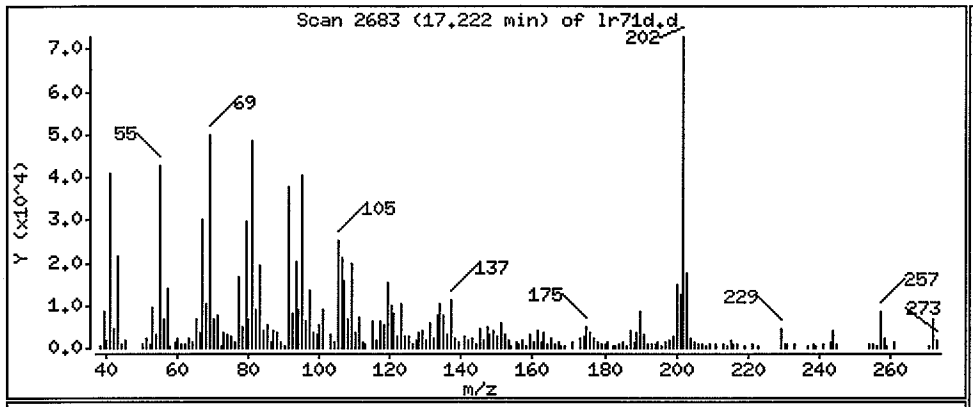
Operator: LJR/VTS

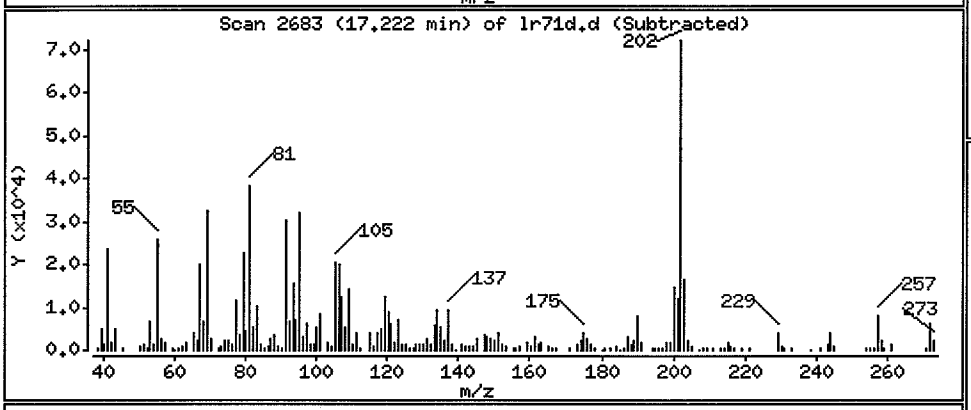
Column phase: ZB-5

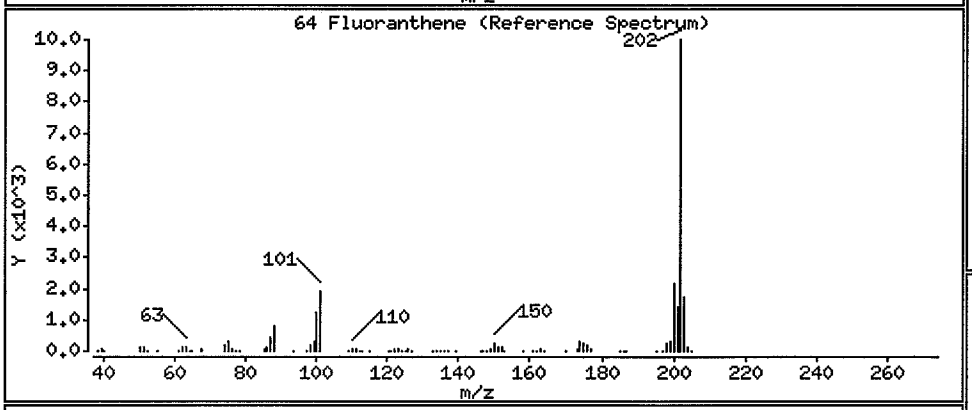
Column diameter: 0.32

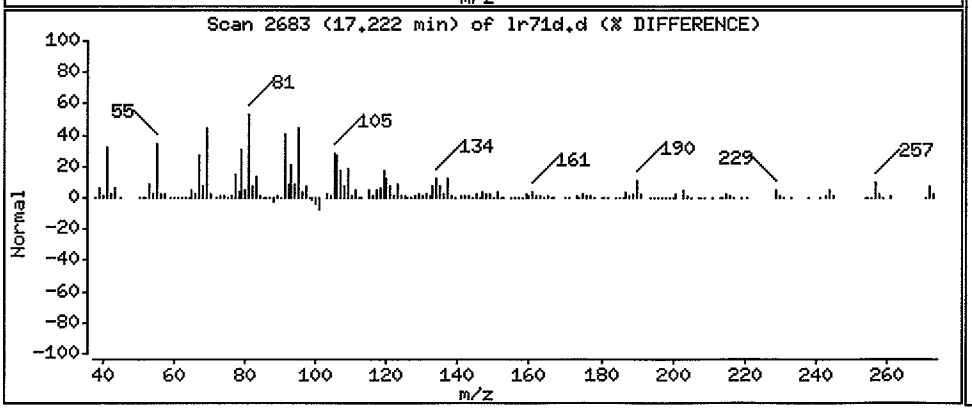
64 Fluoranthene

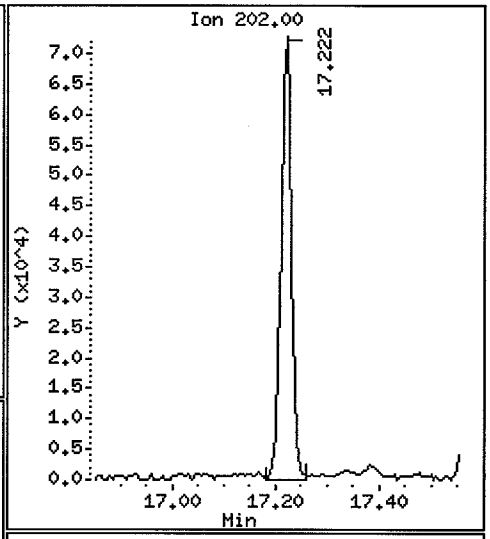
Concentration: 44.69 ug/kg

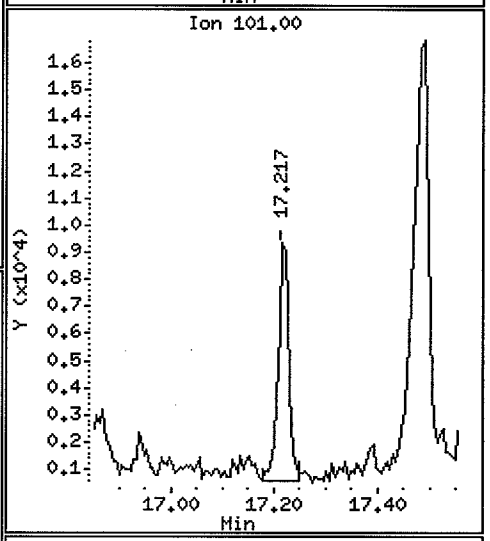


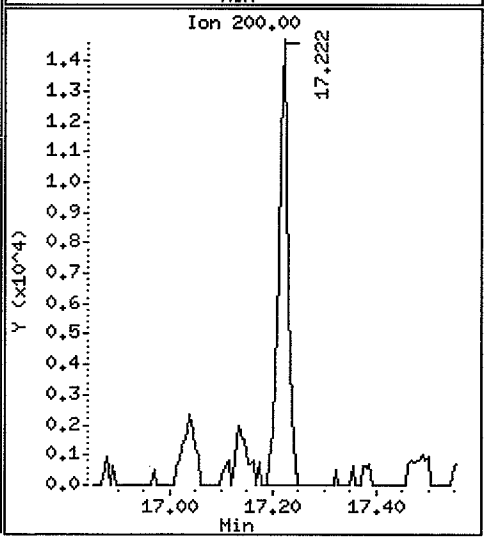












Data File: /chem1/nt6.i/20071018.b/lr71d.d

Date : 18-OCT-2007 16:21

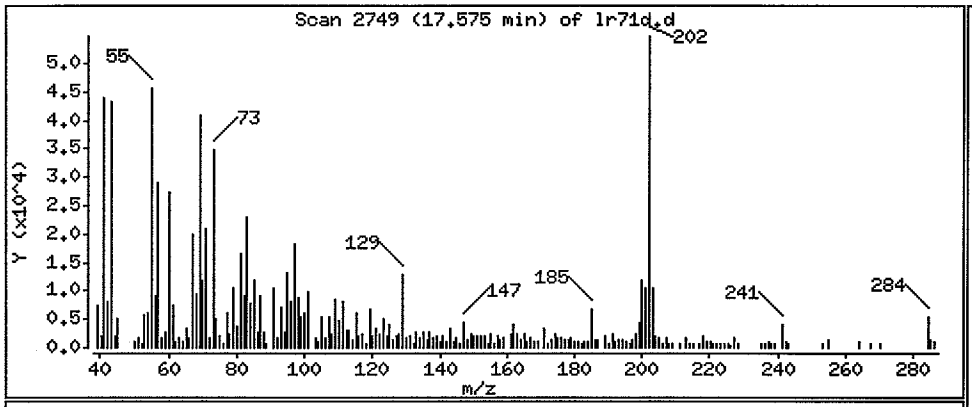
Client ID: AN-SS-07-070928 Instrument: nt6.i

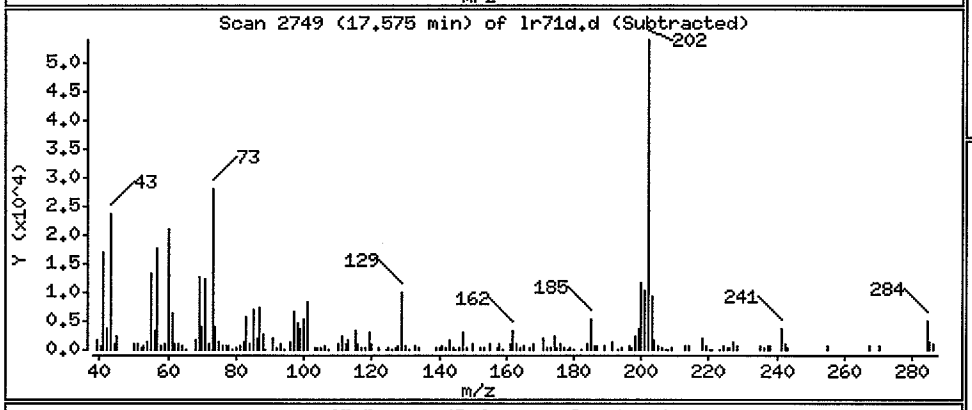
Sample Info: LR71D

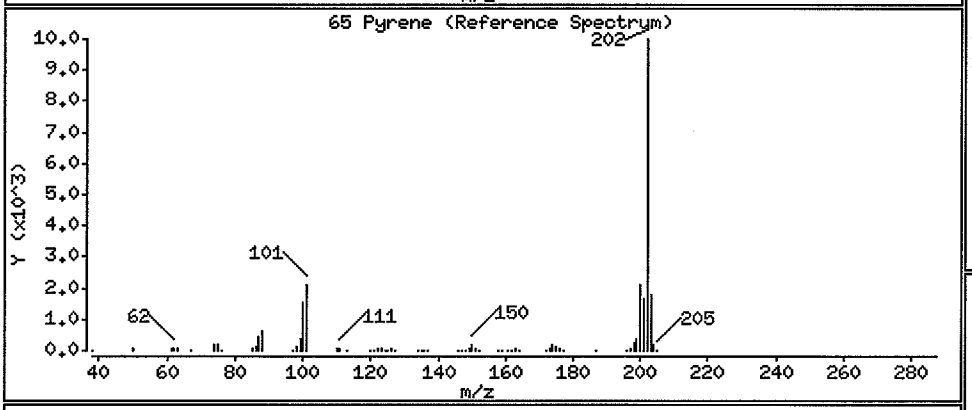
Volume Injected (uL): 1.0 Operator: LJR/VTS

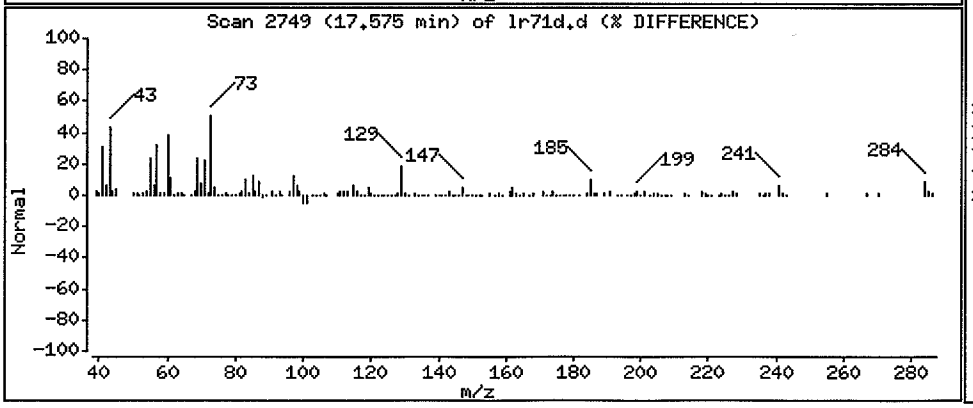
Column phase: ZB-5 Column diameter: 0.32

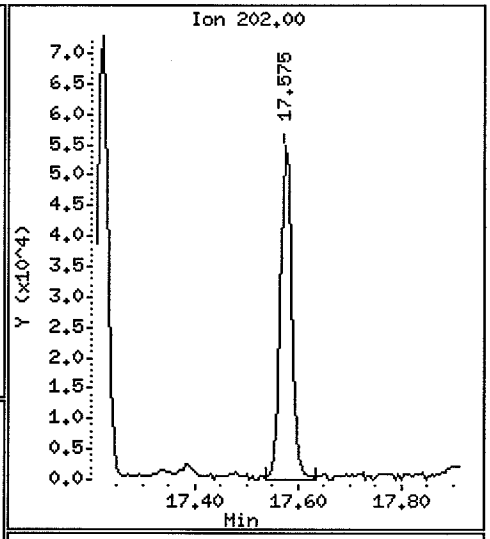
65 Pyrene Concentration: 31.63 ug/kg

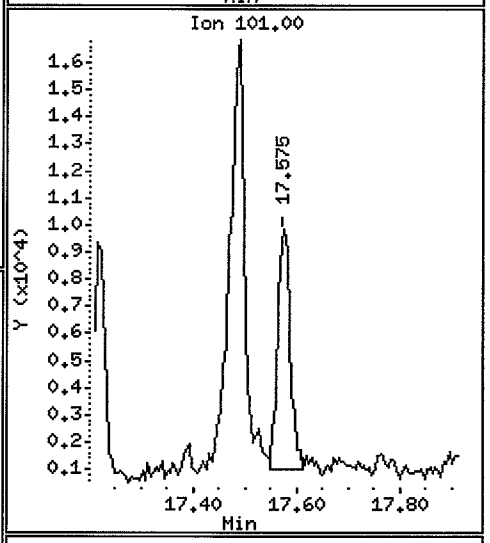


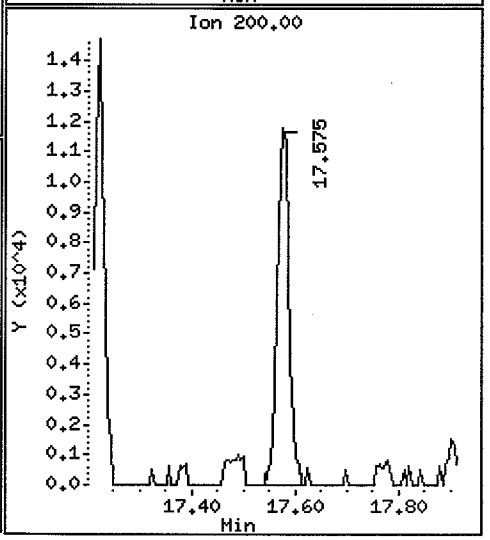












Data File: /chem1/nt6.i/20071018.b/lr71d.d

Date : 18-OCT-2007 16:21

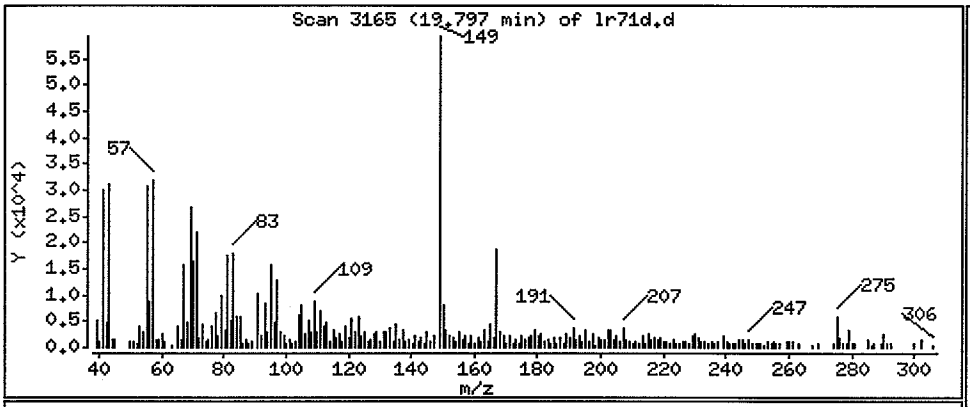
Client ID: AN-SS-07-070928 Instrument: nt6.i

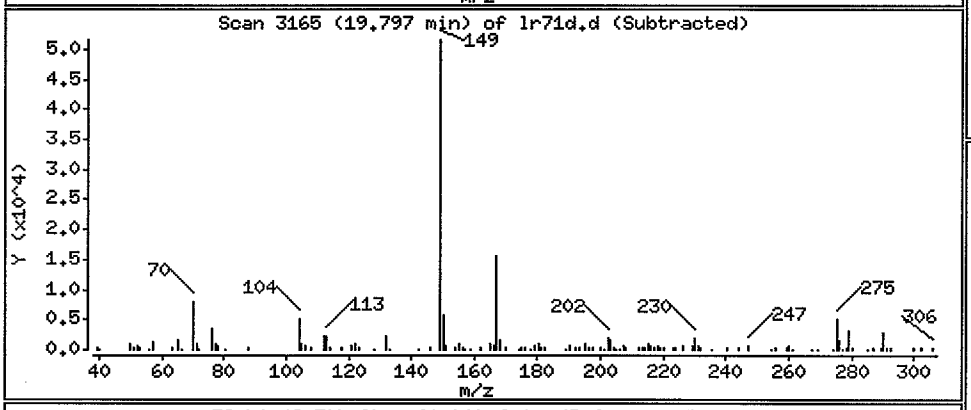
Sample Info: LR71D

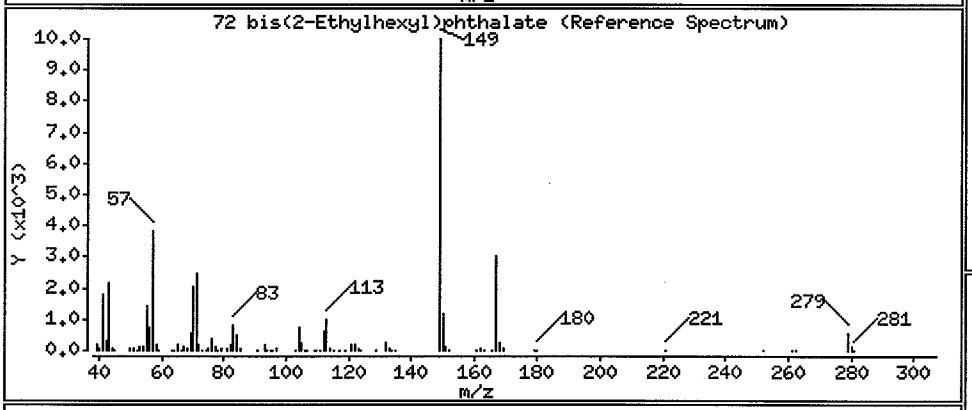
Volume Injected (uL): 1.0 Operator: LJR/VTS

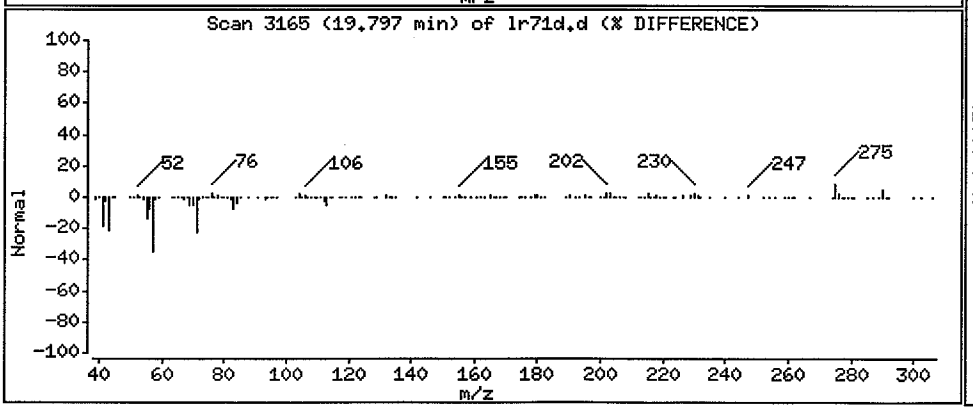
Column phase: ZB-5 Column diameter: 0.32

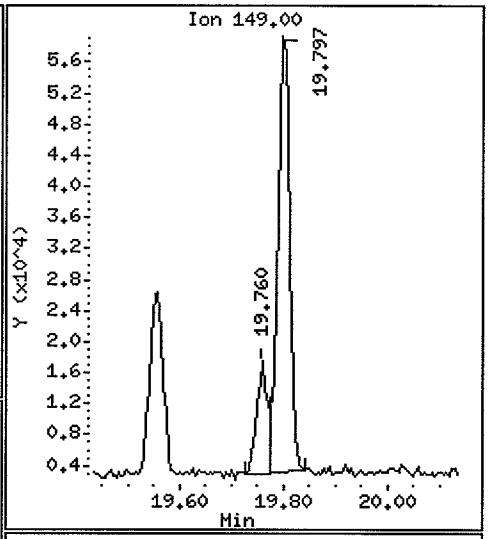
72 bis(2-Ethylhexyl)phthalate Concentration: 60.45 ug/kg

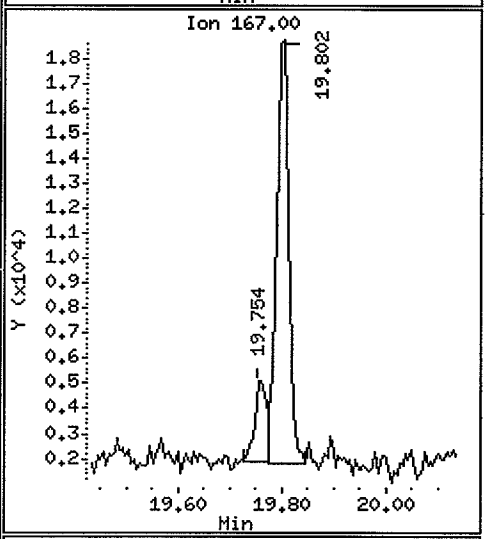


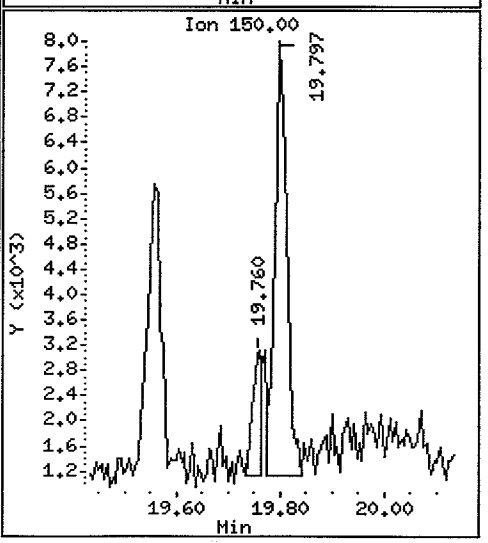












Data File: /chem1/nt6.i/20071018.b/lr71d.d

Date : 18-OCT-2007 16:21

Client ID: AN-SS-07-070928

Instrument: nt6.i

Sample Info: LR71D

Volume Injected (uL): 1.0

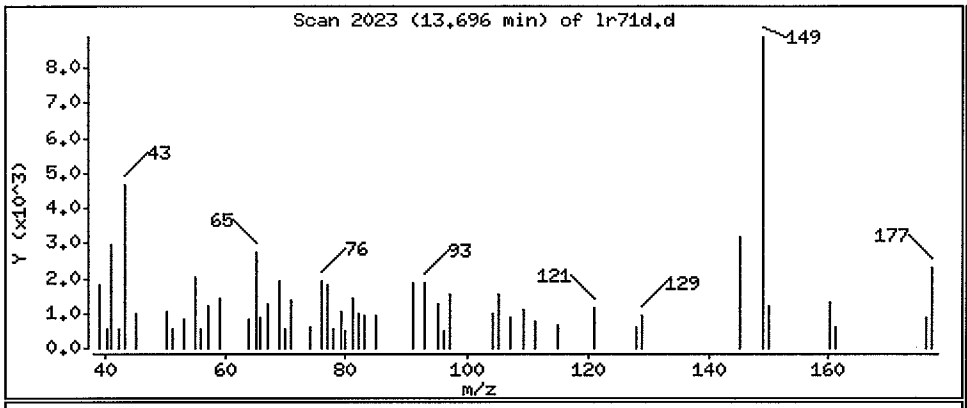
Operator: LJR/VTS

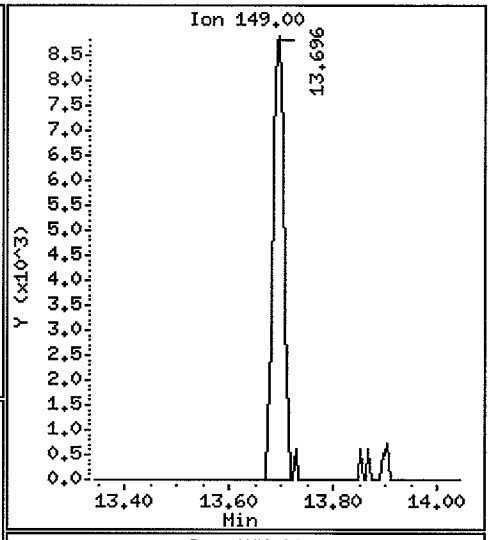
Column phase: ZB-5

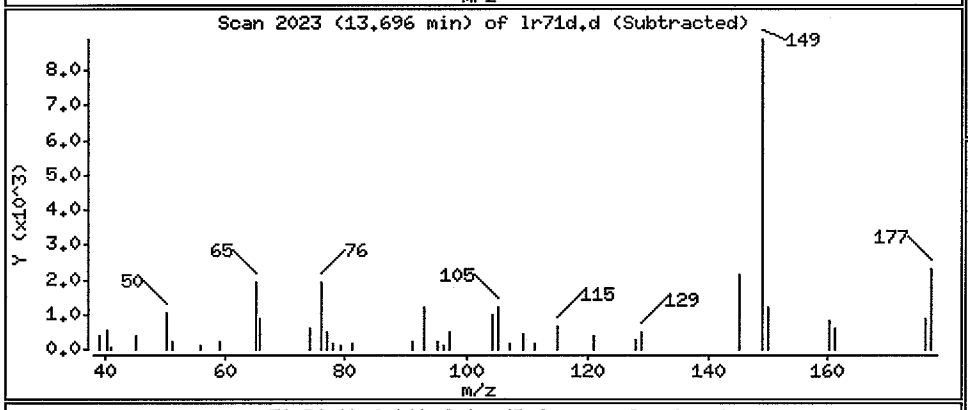
Column diameter: 0.32

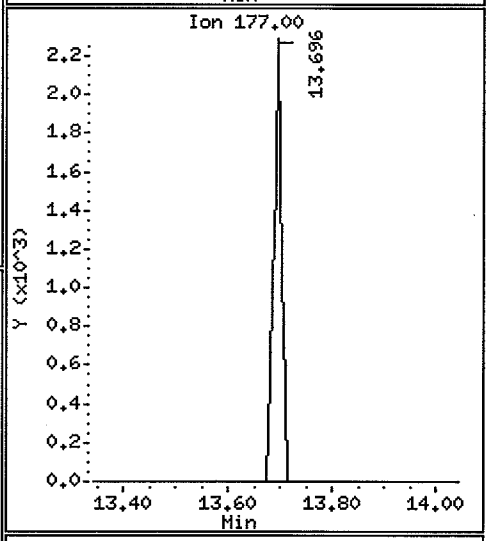
50 Diethylphthalate

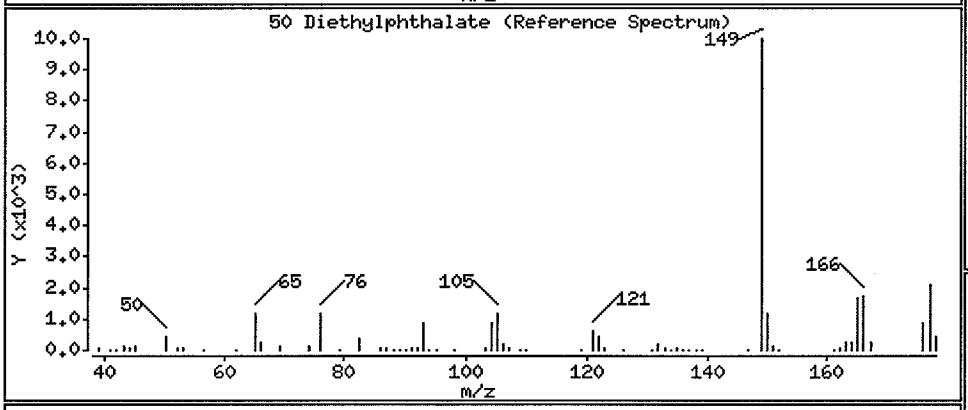
Concentration: 9.966 ug/kg

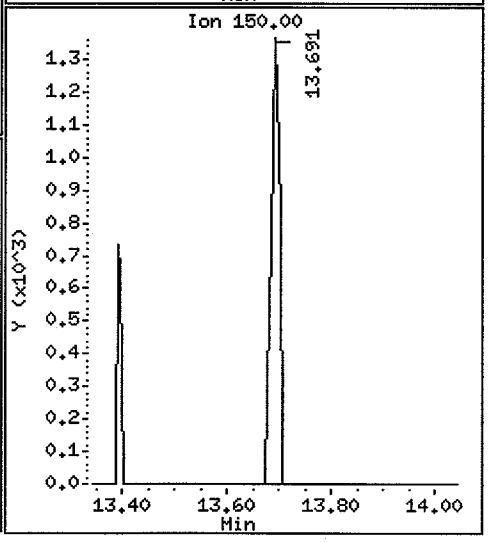


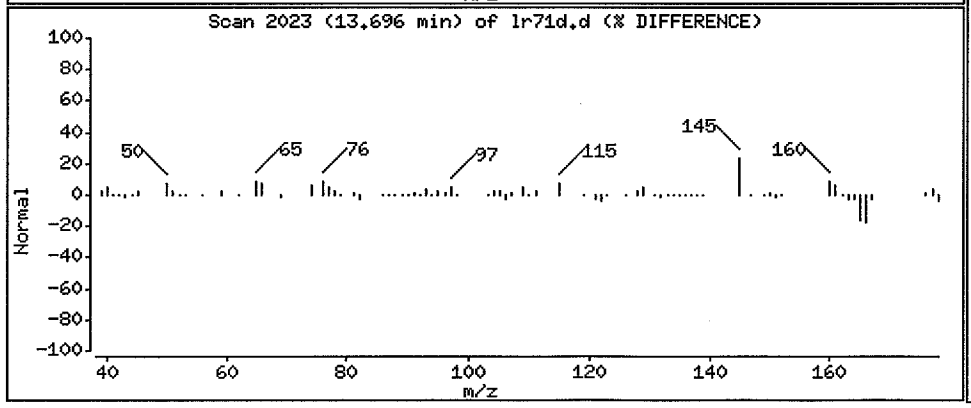












Data File: /chem1/nt6.i/20071018.b/lr71d.d

Date : 18-OCT-2007 16:21

Client ID: AN-SS-07-070928 Instrument: nt6.i

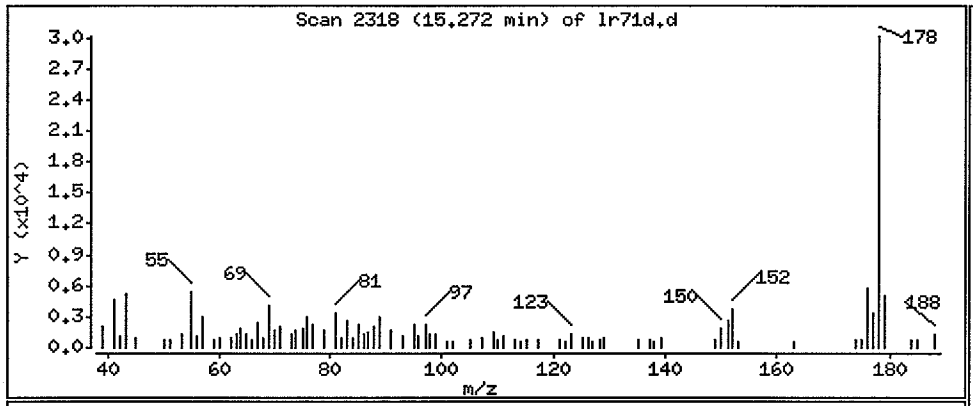
Sample Info: LR71D

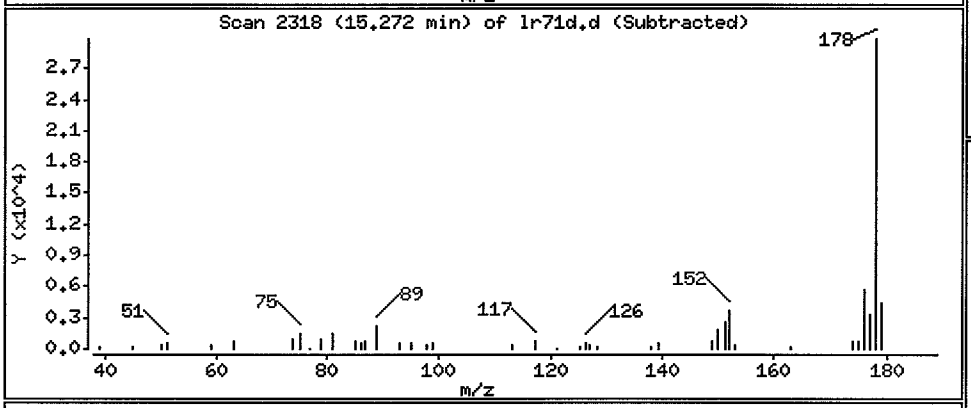
Volume Injected (uL): 1.0 Operator: LJR/VTS

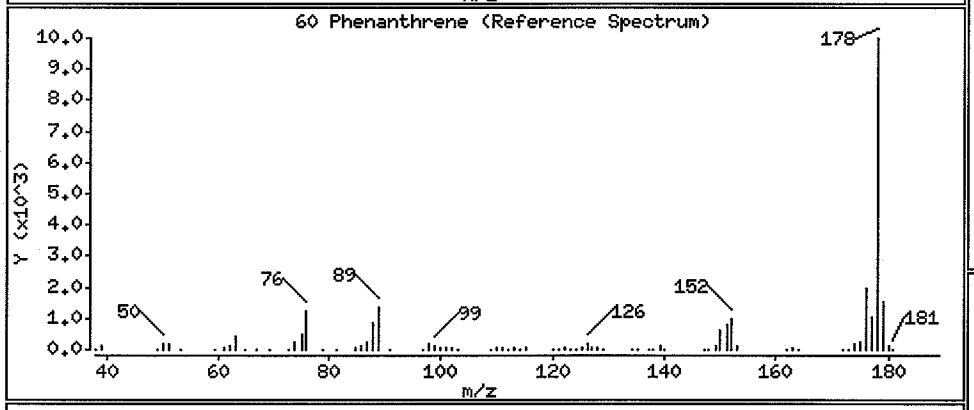
Column phase: ZB-5 Column diameter: 0.32

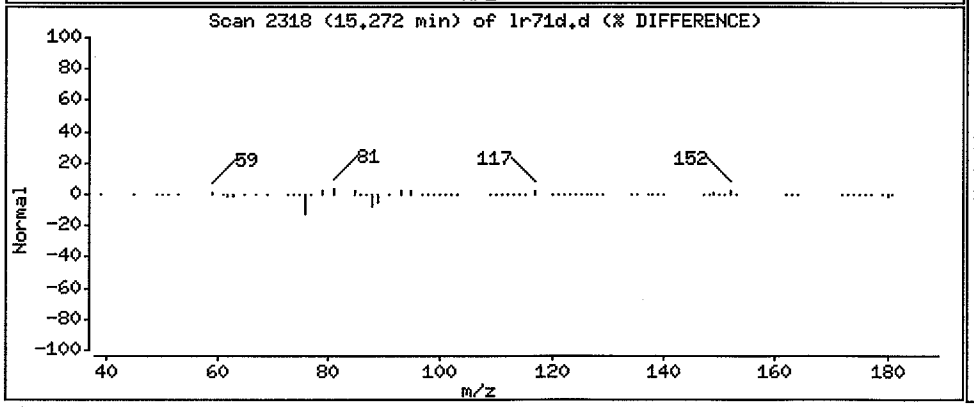
60 Phenanthrene Concentration: 18.83 ug/kg

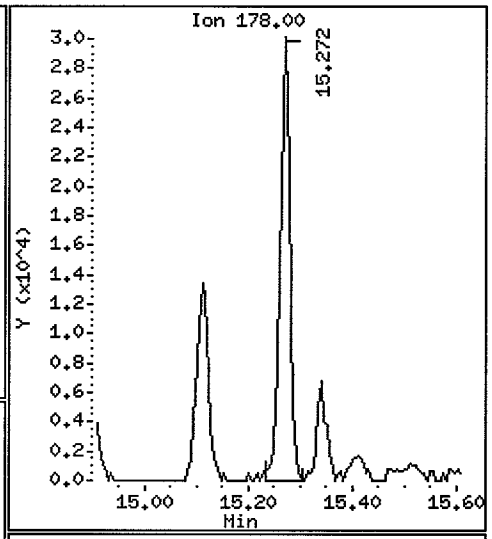
LRL

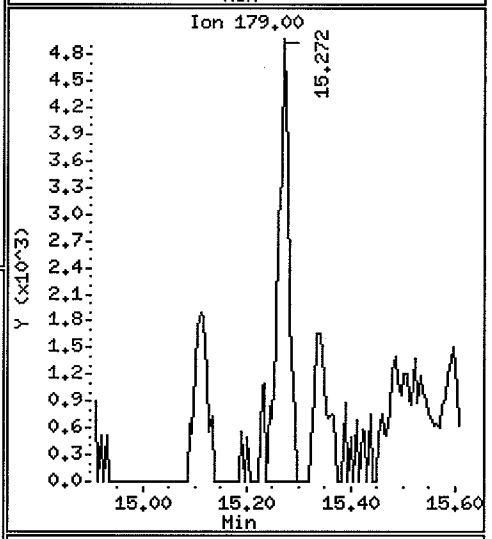


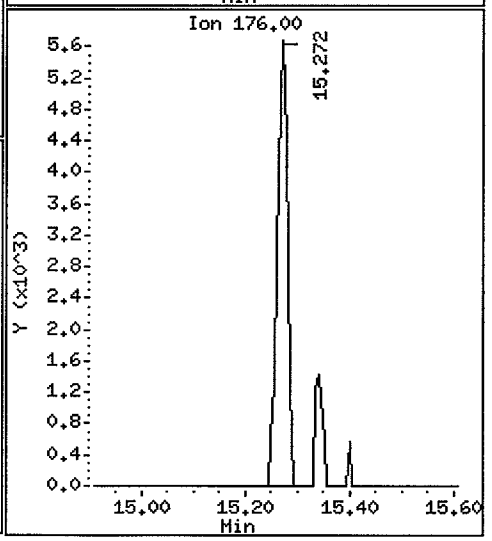












Data File: /chem1/nt6.i/20071018.b/lr71d.d

Date : 18-OCT-2007 16:21

Client ID: AN-SS-07-070928

Instrument: nt6.i

Sample Info: LR71D

Volume Injected (uL): 1.0

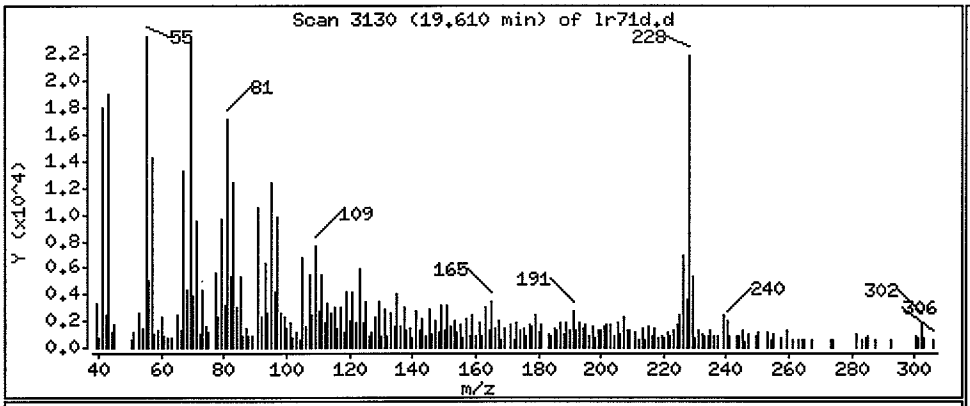
Operator: LJR/VTS

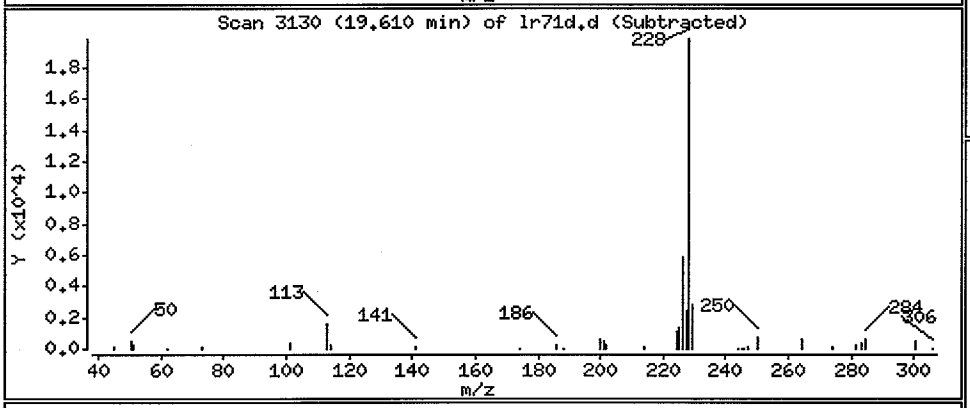
Column phase: ZB-5

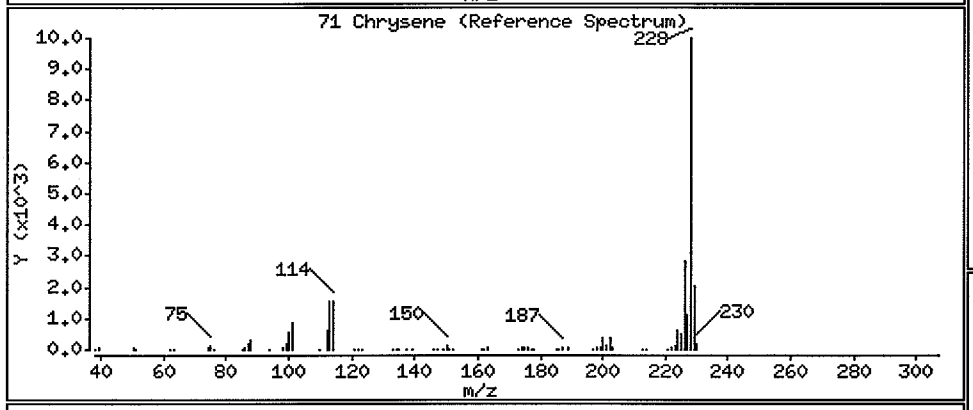
Column diameter: 0.32

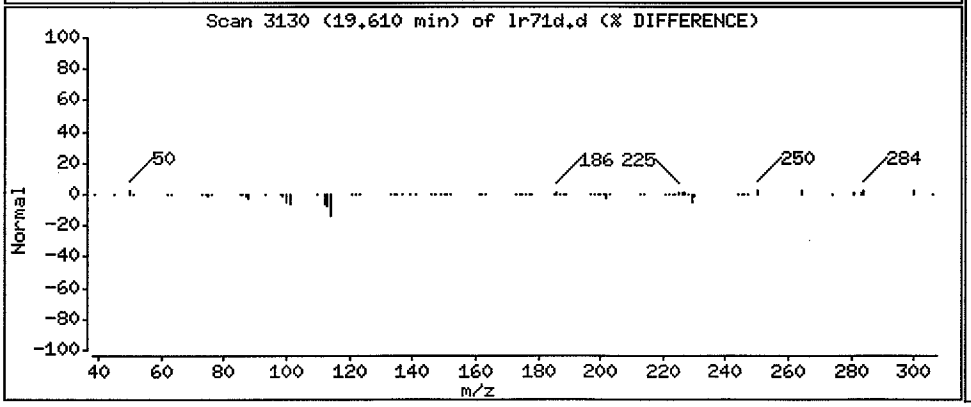
71 Chrysene

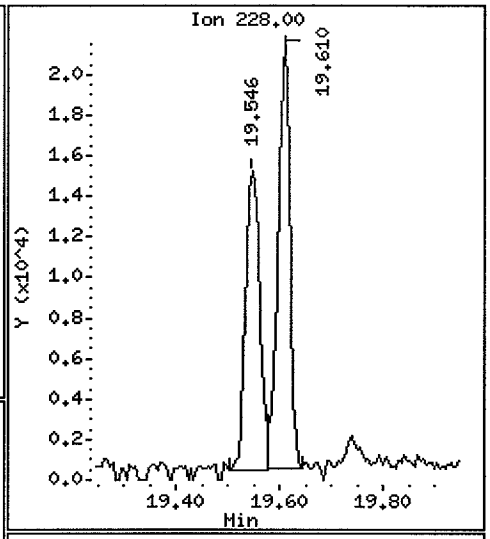
Concentration: 12.28 ug/kg

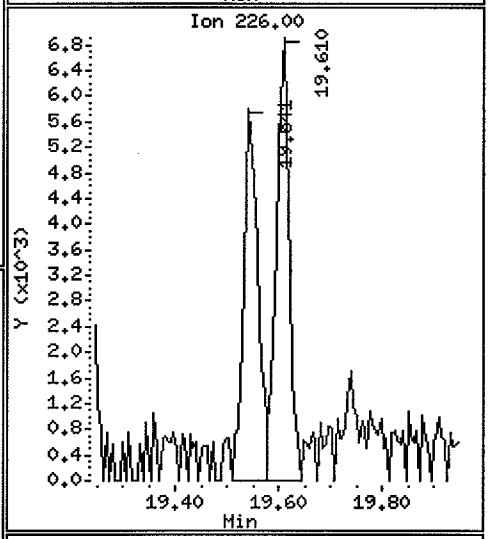


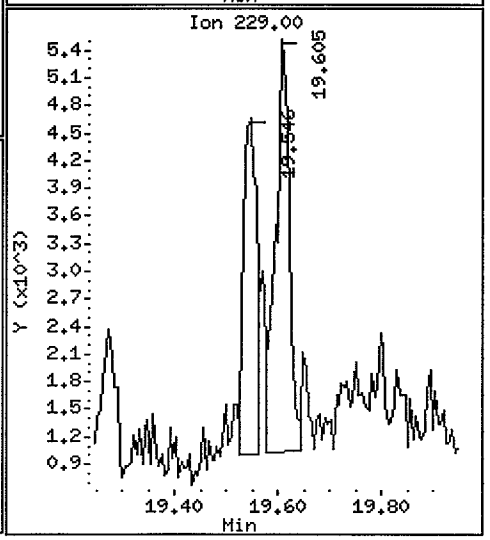












Data File: /chem1/nt6.i/20071018.b/lr71d.d

Date : 18-OCT-2007 16:21

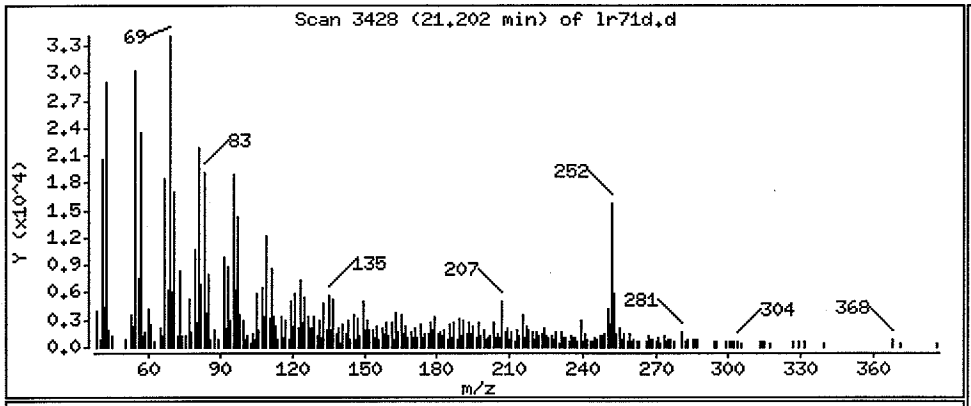
Client ID: AN-SS-07-070928 Instrument: nt6.i

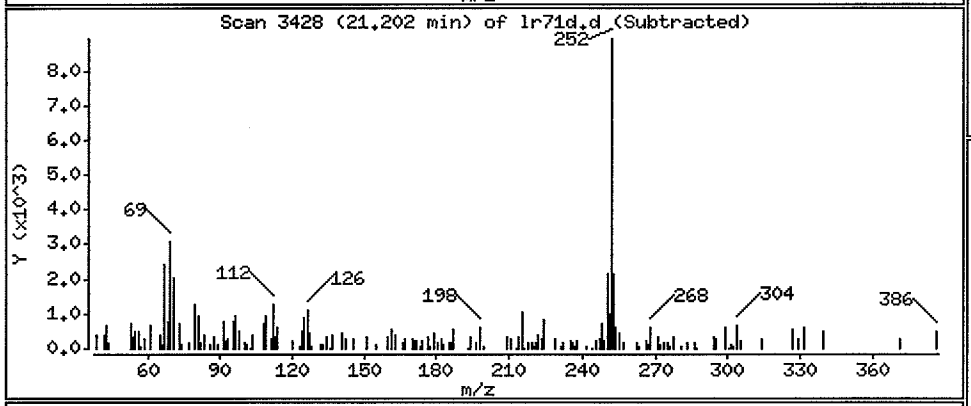
Sample Info: LR71D

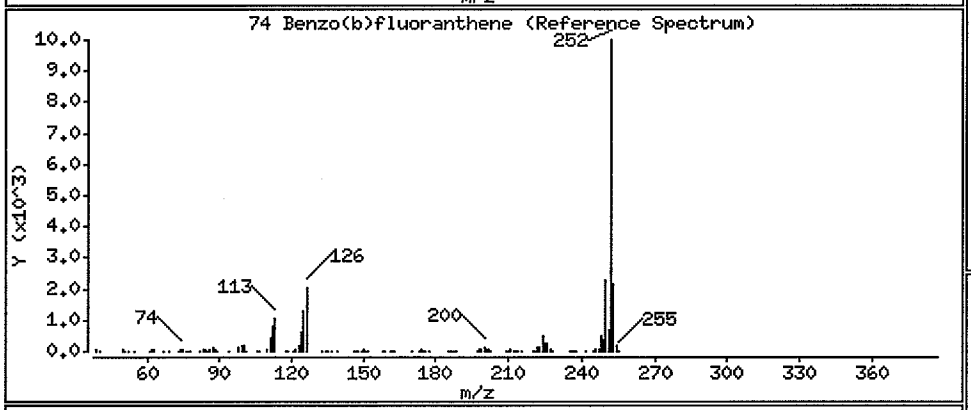
Volume Injected (uL): 1.0 Operator: LJR/VTS

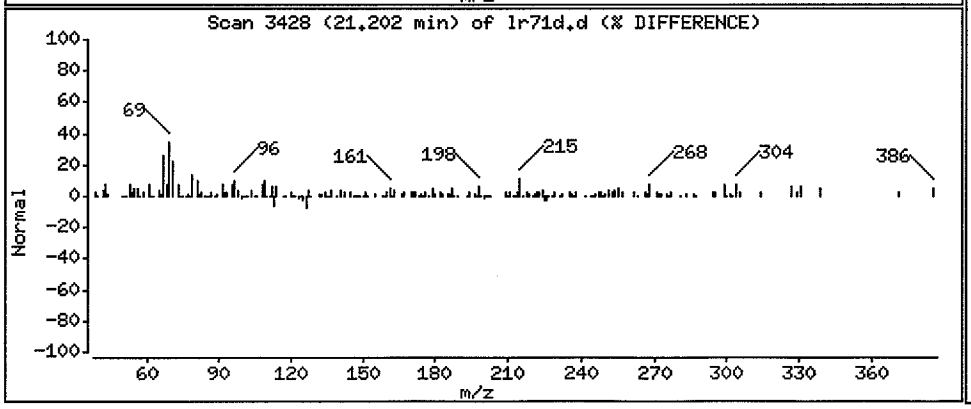
Column phase: ZB-5 Column diameter: 0.32

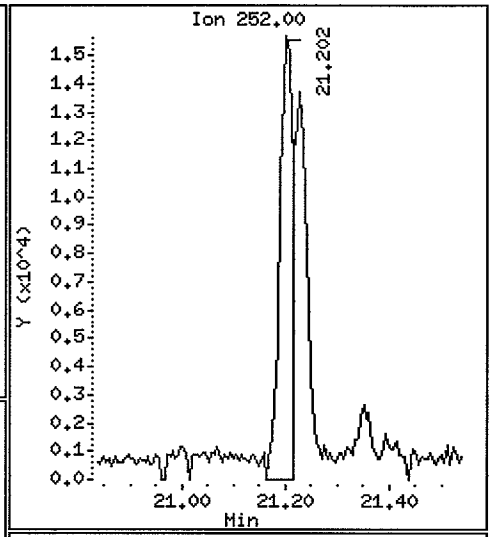
74 Benzo(b)fluoranthene Concentration: 12.58 ug/kg

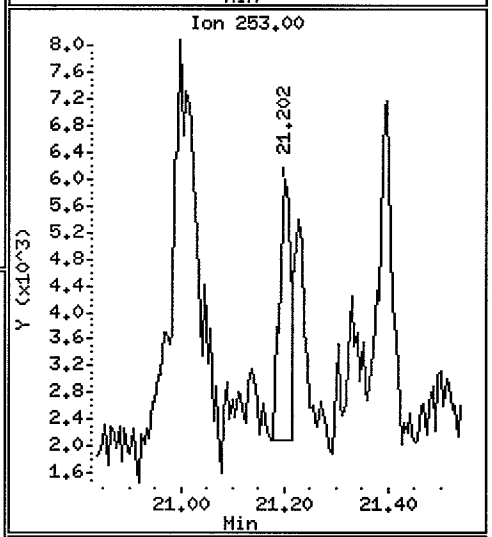


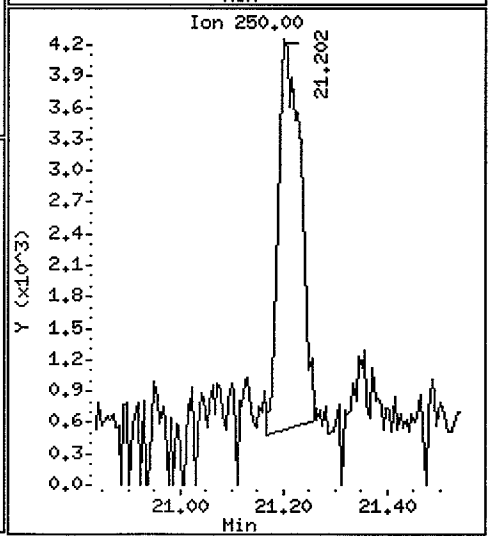












Data File: /chem1/nt6.i/20071018.b/lr71d.d

Date : 18-OCT-2007 16:21

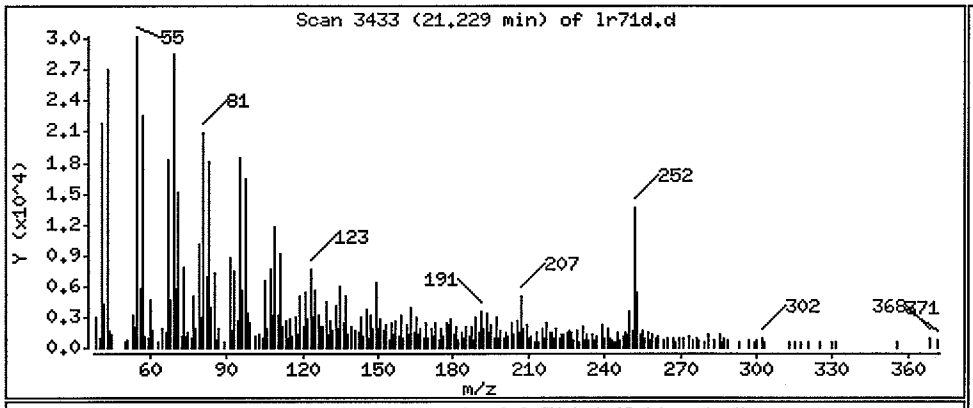
Client ID: AN-SS-07-070928 Instrument: nt6.i

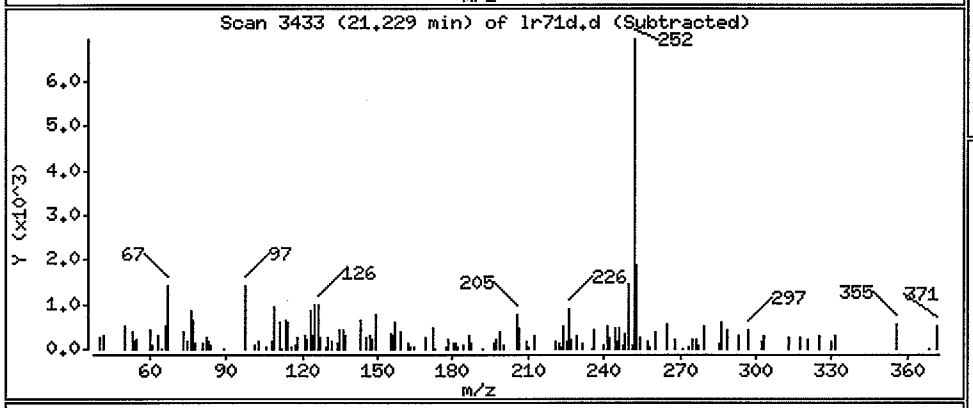
Sample Info: LR71D

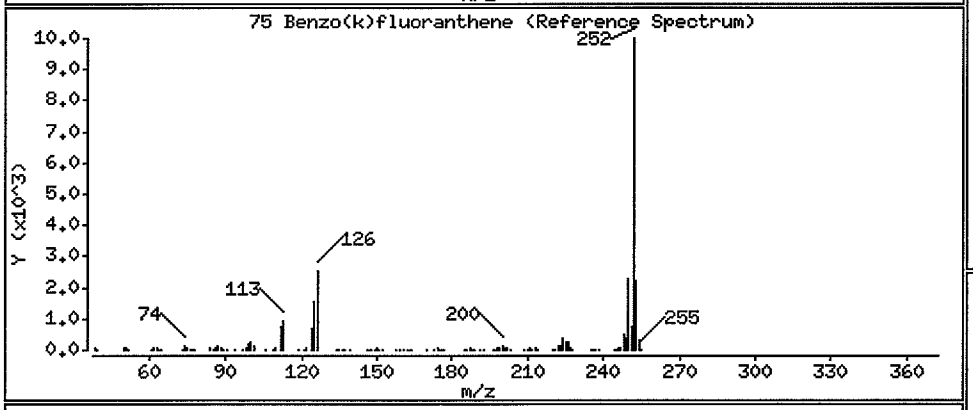
Volume Injected (uL): 1.0 Operator: LJR/VTS

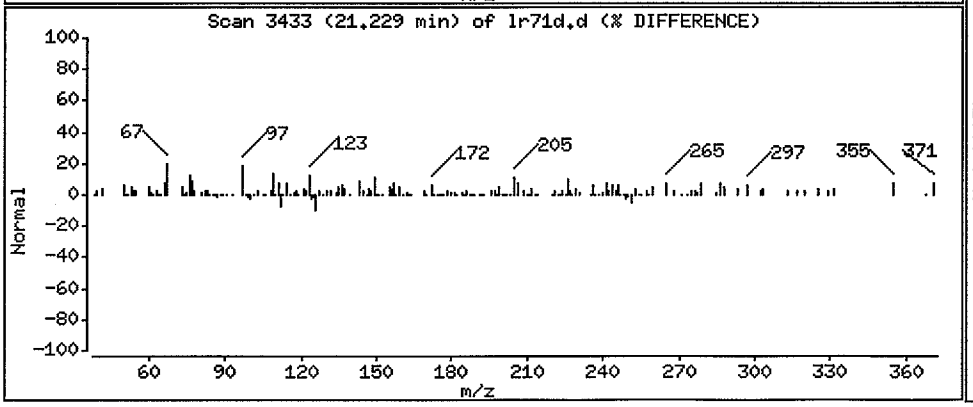
Column phase: ZB-5 Column diameter: 0.32

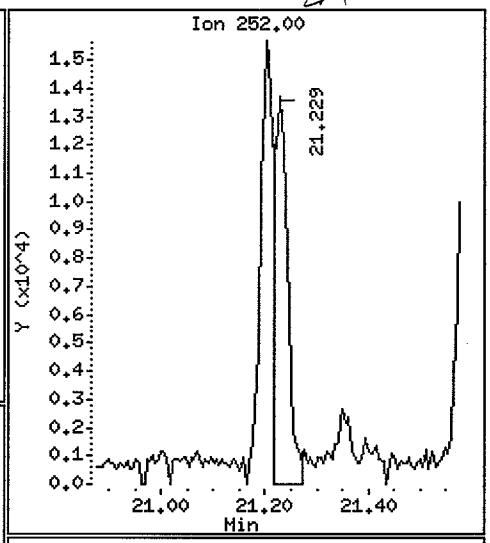
75 Benzo(k)fluoranthene Concentration: 10.08 ug/kg

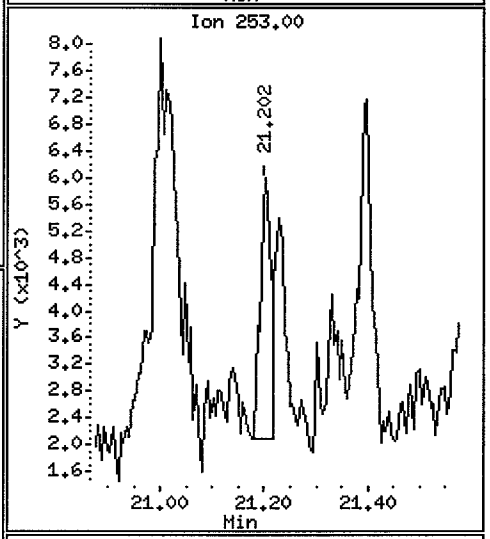


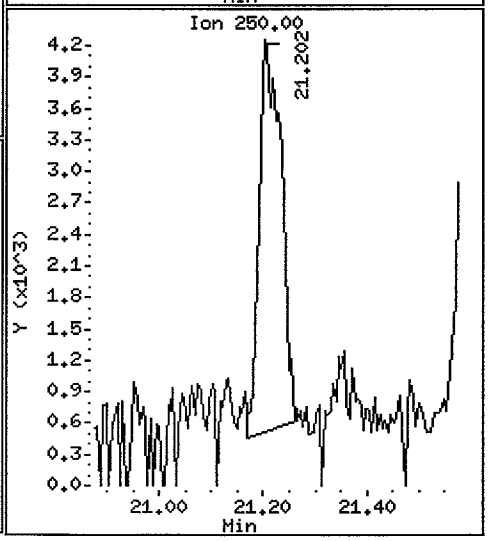












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-07-070928**
Page 1 of 2 **REEXTRACT**

Lab Sample ID: LR71D
LIMS ID: 07-20769
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 18:13
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 51.0 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 28.7%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**33**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**28**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**51**
129-00-0	**Pyrene**	**20**	**41**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**50 B**
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-07-070928**
 REEXTRACT

Lab Sample ID: LR71D QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20769 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 18:13

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.0%	2-Fluorobiphenyl	59.2%
d14-p-Terphenyl	59.2%	d4-1,2-Dichlorobenzene	50.4%
d5-Phenol	60.0%	2-Fluorophenol	46.4%
2,4,6-Tribromophenol	61.1%	d4-2-Chlorophenol	57.1%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71d2.d
Lab Smp Id: LR71DRE
Inj Date : 01-NOV-2007 18:13
Operator : VTS Inst ID: nt4.i
Smp Info : LR71DRE
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJC 11/2/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.858	4.748	(0.712)	251770	17.3643	347.3
$ 2	Phenol-d5	99	6.514	6.489	(0.955)	364952	22.4876	449.8
3	Phenol	94	6.535	6.505	(0.958)	14570	0.75594 LDL	15.12
$ 5	2-Chlorophenol-d4	132	6.546	6.521	(0.959)	257799	21.4148	428.3
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	6.824	6.820	(1.000)	171353	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.123	7.114	(1.044)	97644	12.6058	252.1
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	7.700	7.686	(1.128)	22072	1.70308	34.06
$	18 Nitrobenzene-d5	82	7.775	7.771	(0.877)	234851	14.0032	280.1
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.870	8.872	(1.000)	635791	20.0000	
	28 Naphthalene	128	8.896	8.899	(1.003)	24557	0.62914 LDL	12.58
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.675	10.677	(0.914)	326596	14.8215	296.4
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.685	11.682	(1.000)	319126	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.962	12.953	(1.109)	63018	22.9393	458.8
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	13.998	14.000	(1.000)	452619	20.0000	
	60 Phenanthrene	178	14.036	14.032	(1.003)	44665	1.42785	28.56
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	15.932	15.923	(1.138)	87953	2.59700	51.94
	65 Pyrene	202	16.269	16.260	(0.892)	75278	2.08364	41.67
$	66 Terphenyl-d14	244	16.648	16.634	(0.913)	308469	14.7901	295.8
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	18.202	18.199	(0.999)	25165	0.75109 LDL	15.02
*	69 Chrysene-d12	240	18.229	18.221	(1.000)	450806	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	18.261	18.258	(1.002)	29669	0.90023 LDL	18.00
	72 bis(2-Ethylhexyl)phthalate	149	18.587	18.578	(0.953)	50938	2.54479 B	50.90
*	134 Di-n-octylphthalate-d4	153	19.506	19.503	(1.000)	635306	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	19.821	19.818	(0.975)	26267	0.78400 LDL	15.68
	75 Benzo(k)fluoranthene	252	19.842	19.850	(0.976)	22358	0.63171	12.63(M)
	76 Benzo(a)pyrene	252	20.254	20.245	(0.996)	17975	0.60243	12.05(M)
*	77 Perylene-d12	264	20.339	20.325	(1.000)	492085	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71d2.d
Lab Smp Id: LR71DRE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

Calibration Date: 01-NOV-2007
Calibration Time: 14:35

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	171353	17.86
27 Naphthalene-d8	530525	265262	1061050	635791	19.84
42 Acenaphthene-d10	280701	140350	561402	319126	13.69
59 Phenanthrene-d10	391934	195967	783868	452619	15.48
69 Chrysene-d12	354658	177329	709316	450806	27.11
134 Di-n-octylphthala	506314	253157	1012628	635306	25.48
77 Perylene-d12	400782	200391	801564	492085	22.78

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.82	0.05
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.02
42 Acenaphthene-d10	11.68	11.18	12.18	11.68	0.03
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	-0.02
69 Chrysene-d12	18.22	17.72	18.72	18.23	0.05
134 Di-n-octylphthala	19.50	19.00	20.00	19.51	0.02
77 Perylene-d12	20.33	19.83	20.83	20.34	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20071101.b/lr71d2.d
Report Date: 02-Nov-2007 11:41

Analytical Resources, Inc.

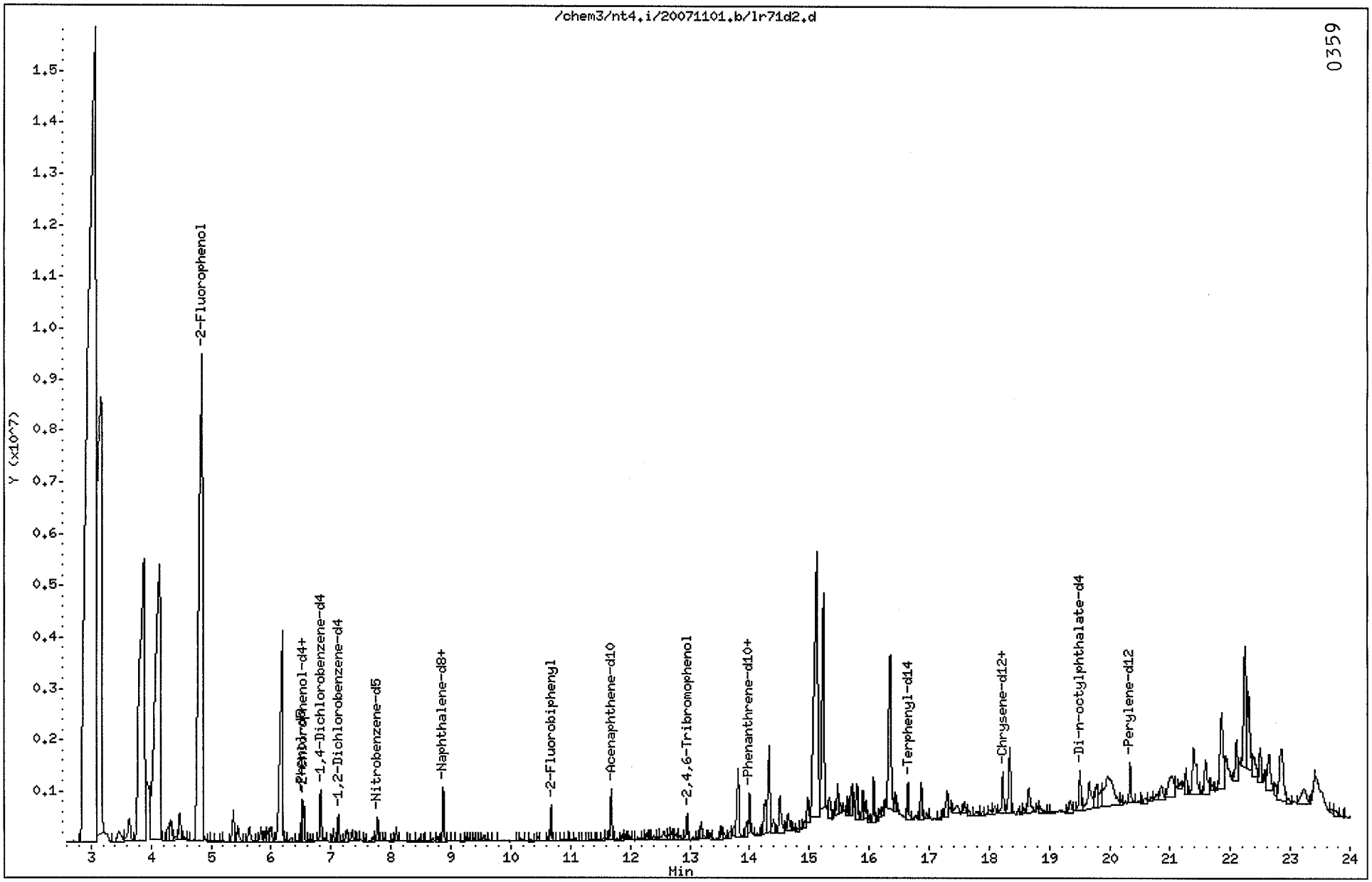
RECOVERY REPORT

Client Name:
Client SDG: 20071101
Sample Matrix: SOLID
Fraction: SV
Lab Smp Id: LR71DRE
Level: LOW
Operator: VTS
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: PSDDALCS.spk
Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	347.3	46.30	11-84
$ 2 Phenol-d5	750.0	449.8	59.97	25-86
$ 5 2-Chlorophenol-d4	750.0	428.3	57.11	23-91
$ 10 1,2-Dichlorobenzen	500.0	252.1	50.42	24-90
$ 18 Nitrobenzene-d5	500.0	280.1	56.01	26-88
$ 36 2-Fluorobiphenyl	500.0	296.4	59.29	34-91
$ 55 2,4,6-Tribromophen	750.0	458.8	61.17	25-107
$ 66 Terphenyl-d14	500.0	295.8	59.16	22-100

Data File: /chem3/nt4.i/20071101.b/lr71d2.d
Date : 01-NOV-2007 18:13
Client ID:
Sample Info: LR71DRE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

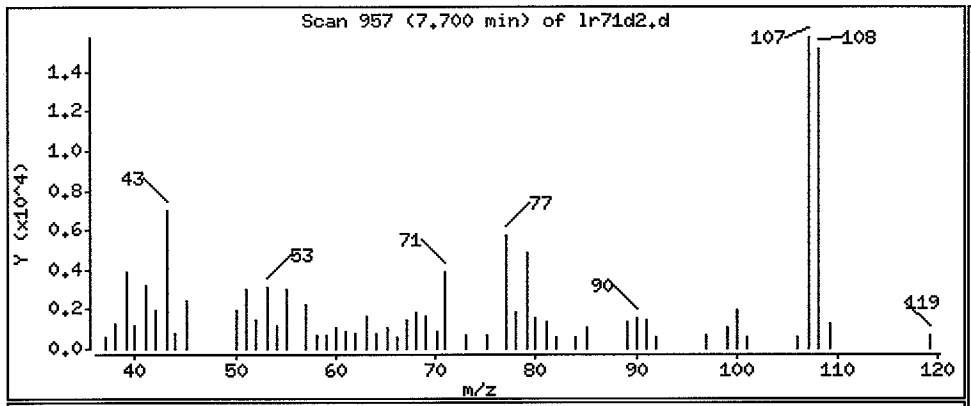
Operator: VTS

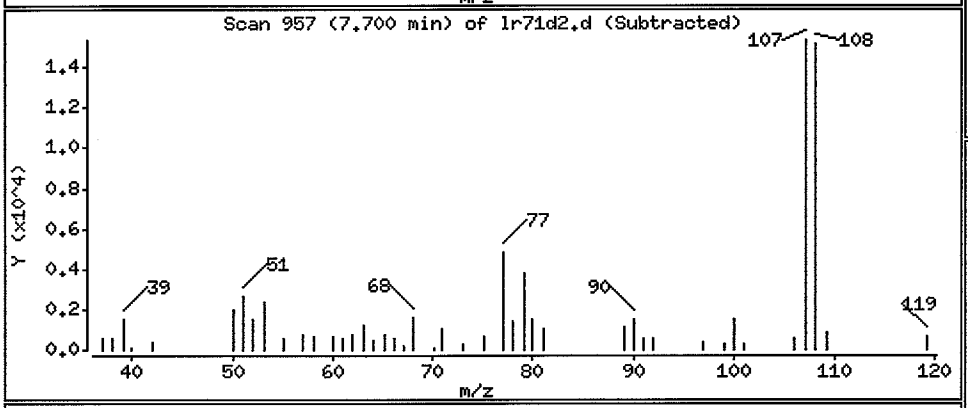
Column phase: ZB-5

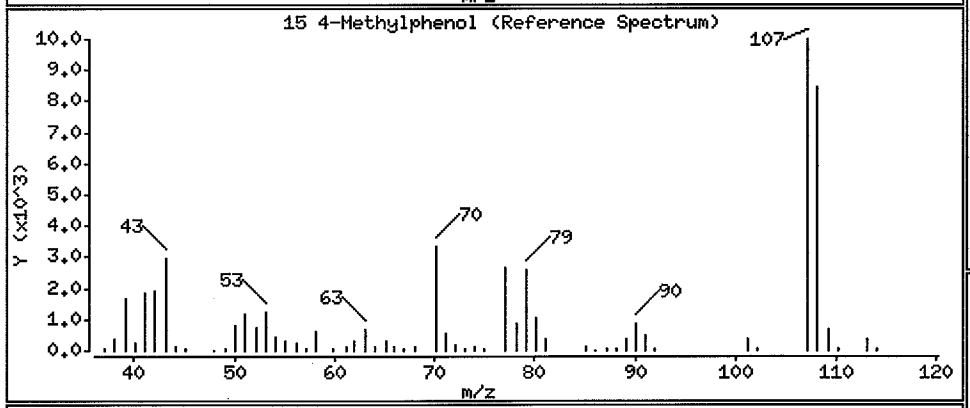
Column diameter: 0.32

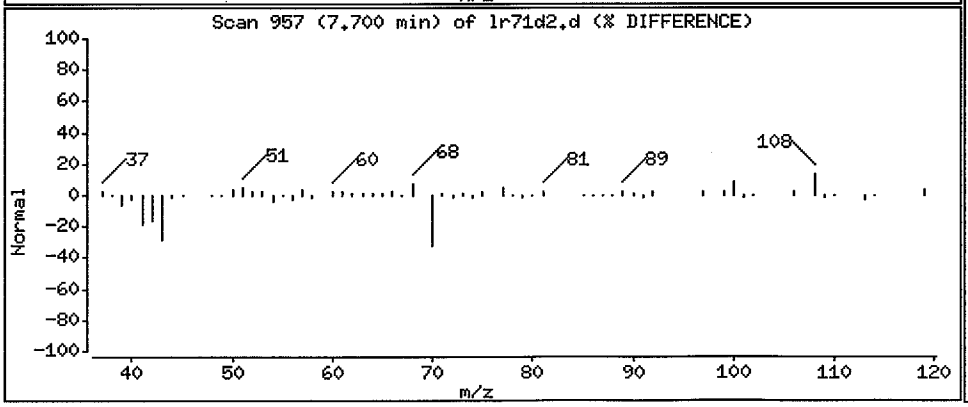
15 4-Methylphenol

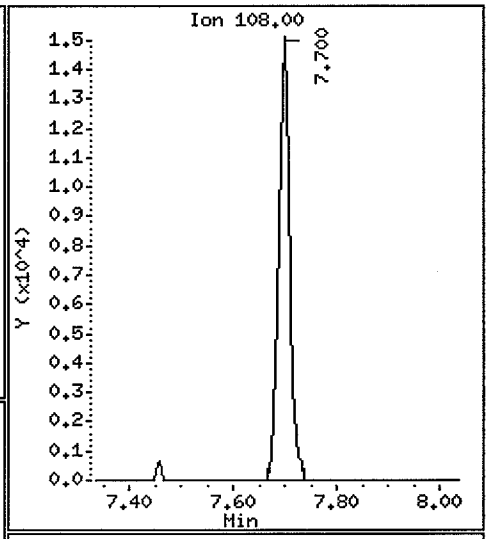
Concentration: 34.06 ug/Kg

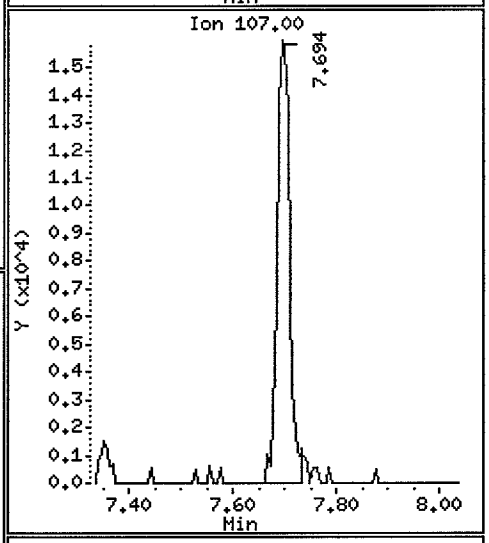


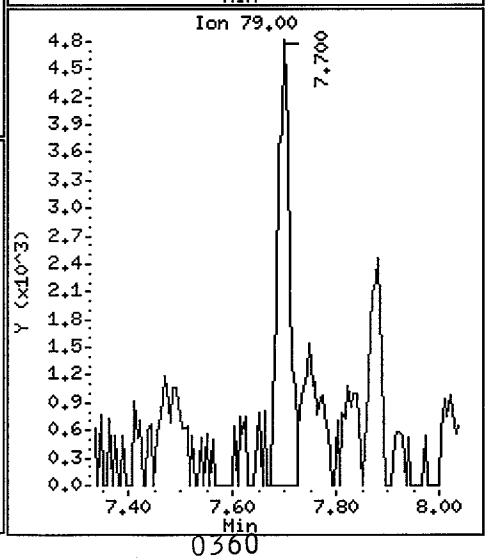












Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

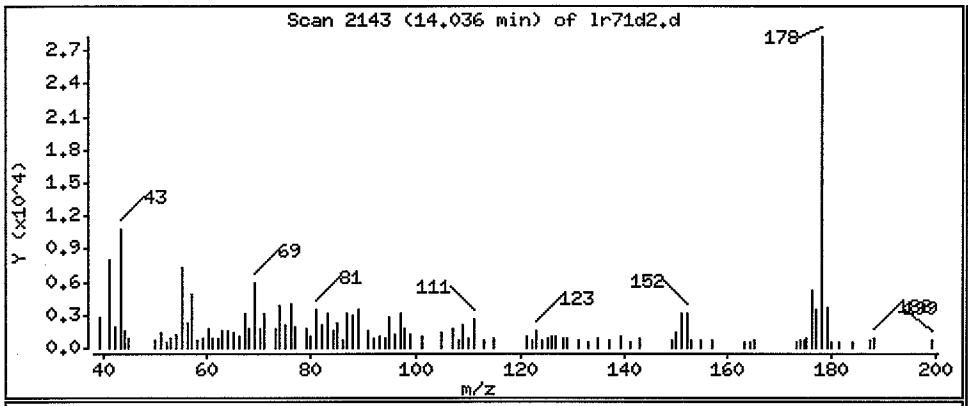
Operator: VTS

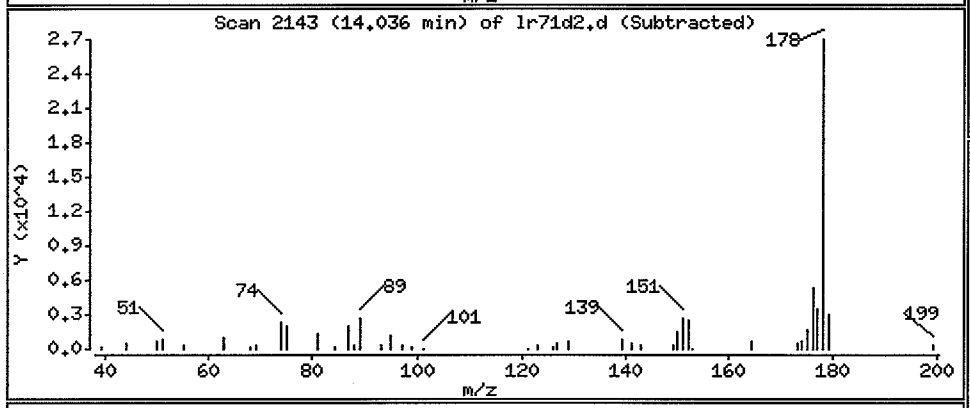
Column phase: ZB-5

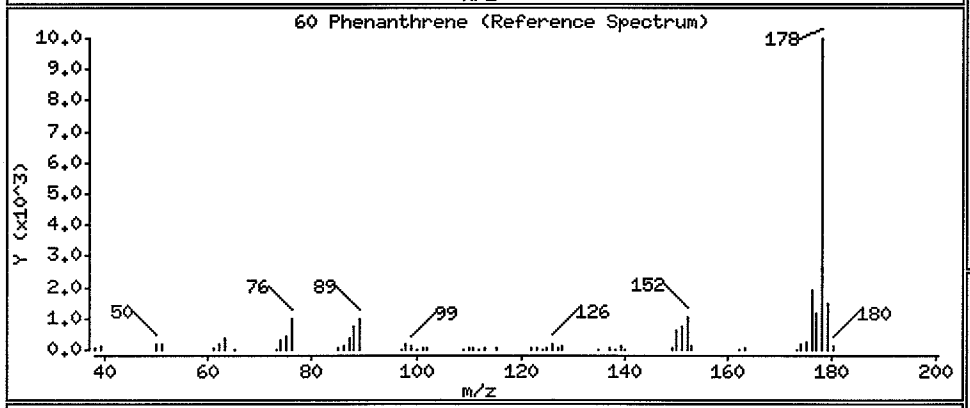
Column diameter: 0.32

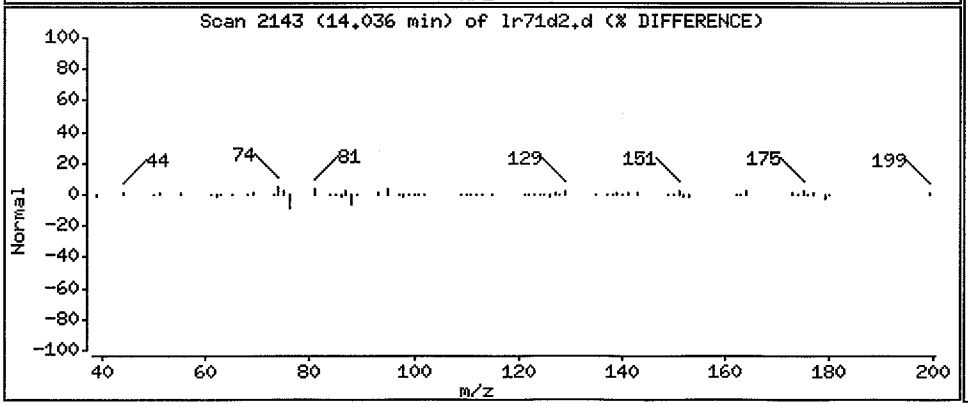
60 Phenanthrene

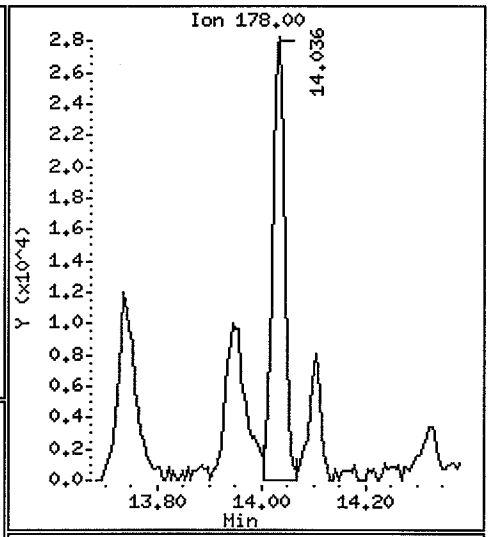
Concentration: 28.56 ug/Kg

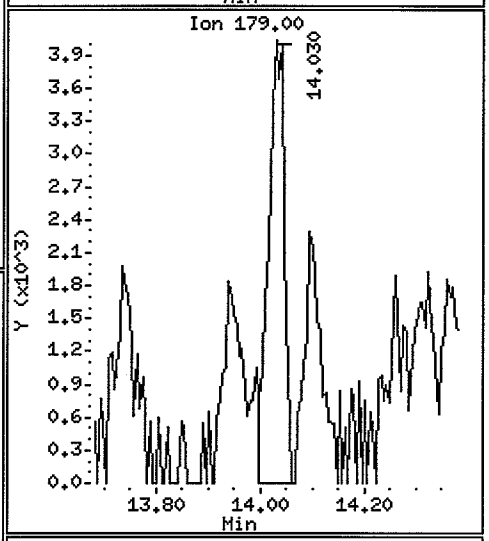


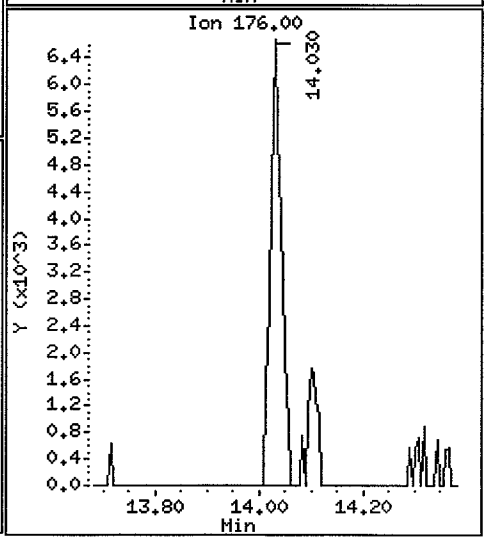












Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

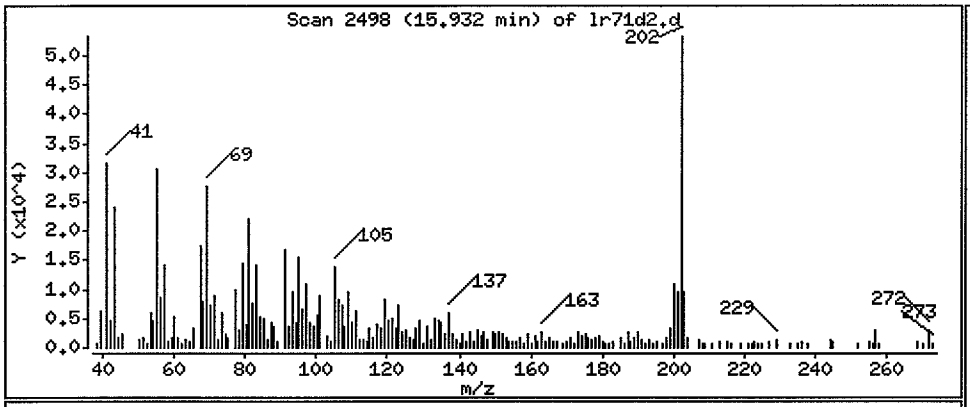
Operator: VTS

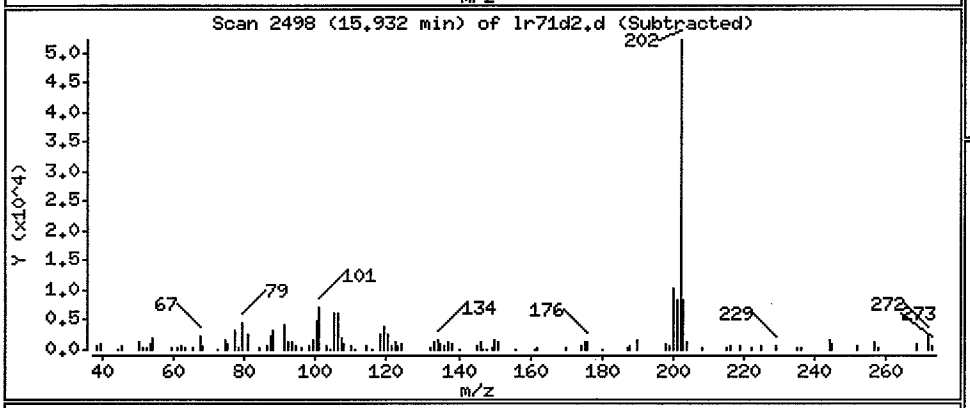
Column phase: ZB-5

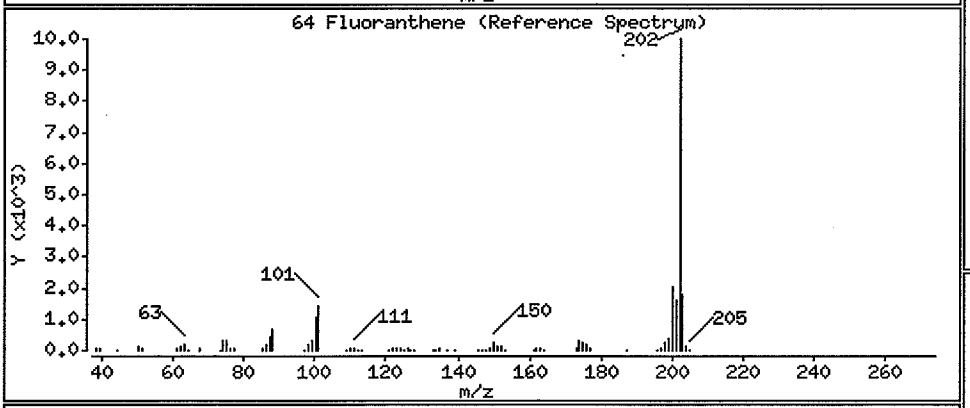
Column diameter: 0.32

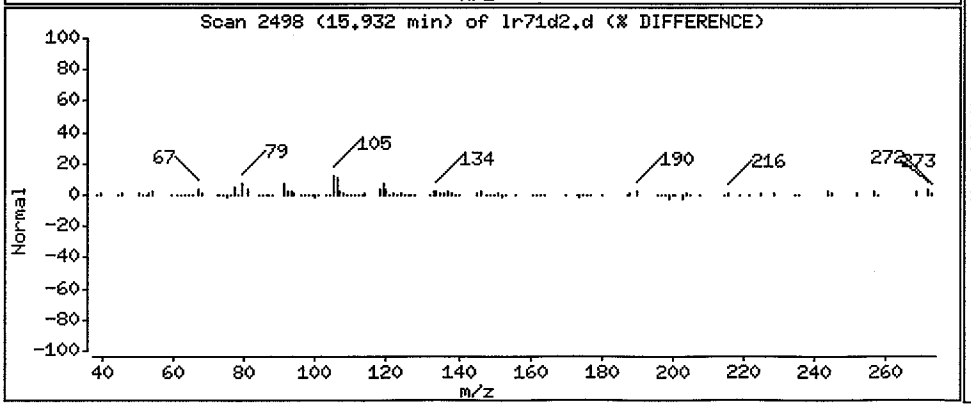
64 Fluoranthene

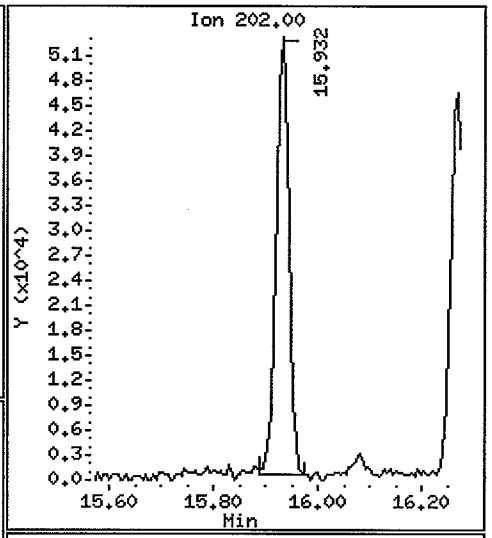
Concentration: 51.94 ug/Kg

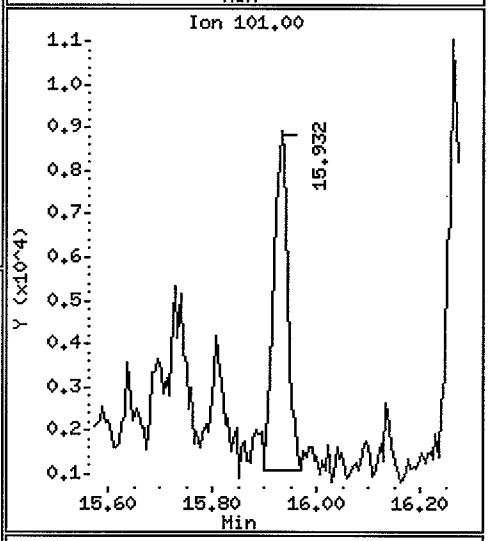


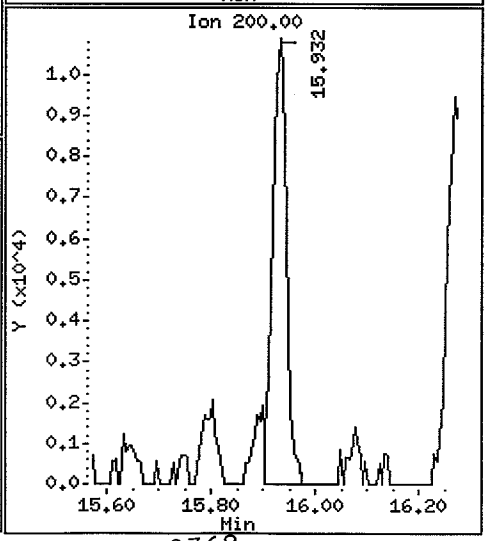












Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

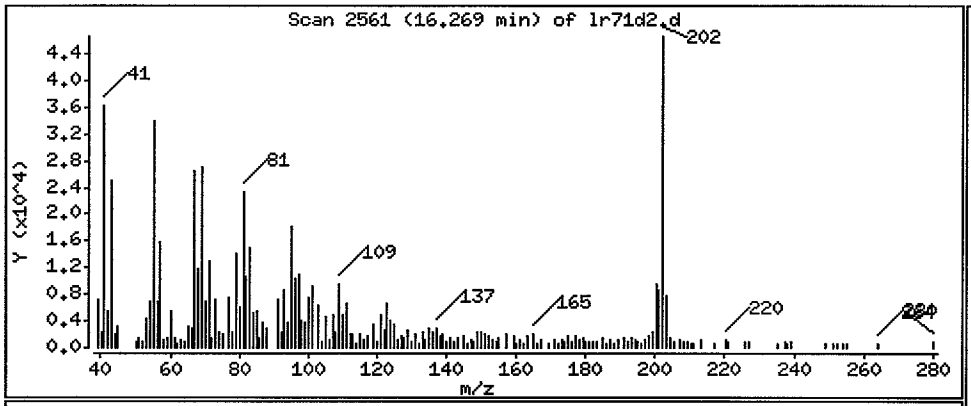
Operator: VTS

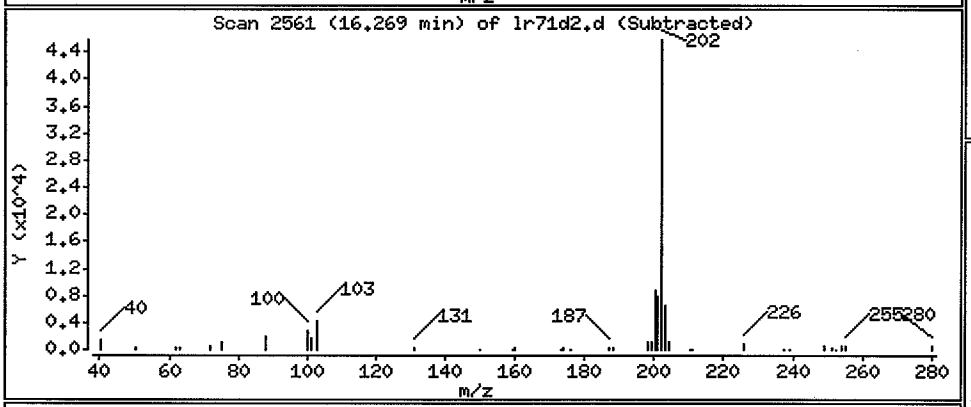
Column phase: ZB-5

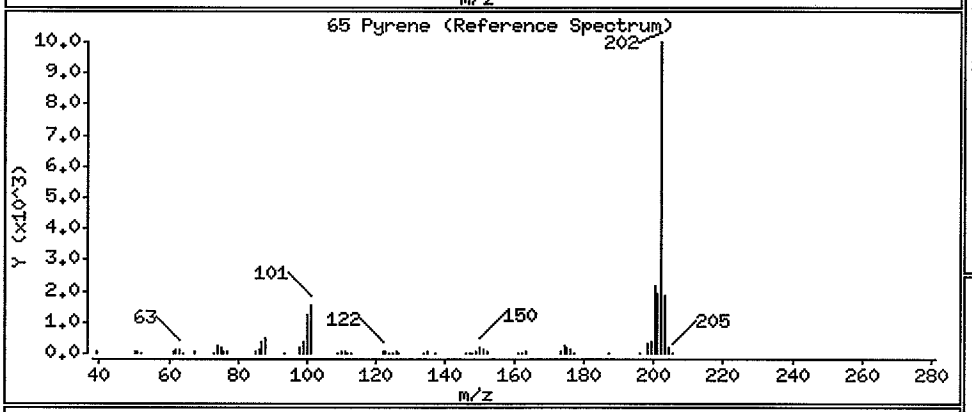
Column diameter: 0.32

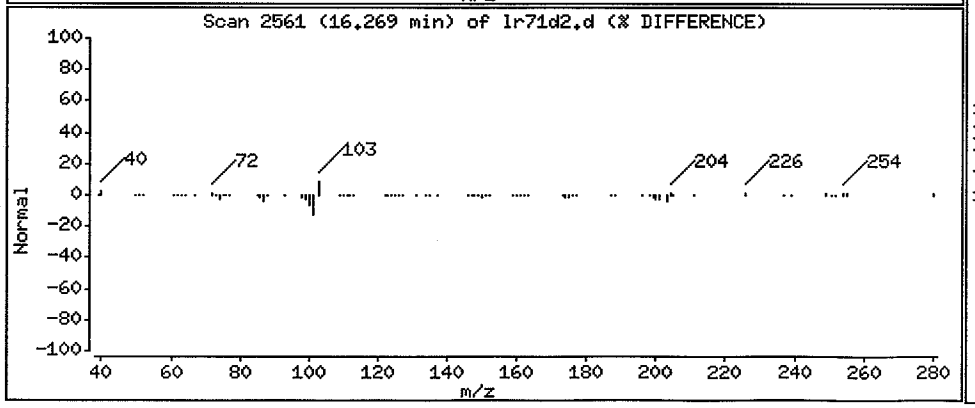
65 Pyrene

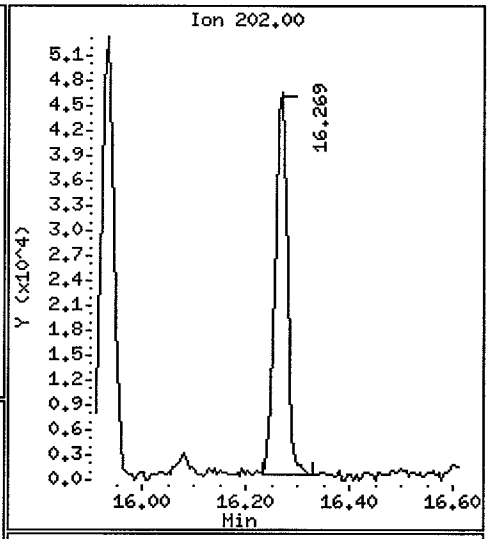
Concentration: 41.67 ug/Kg

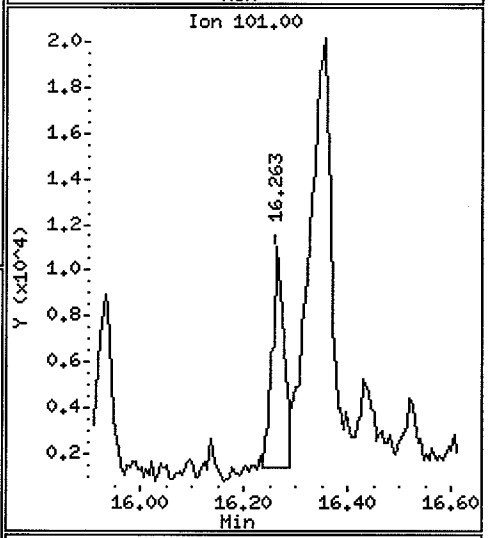


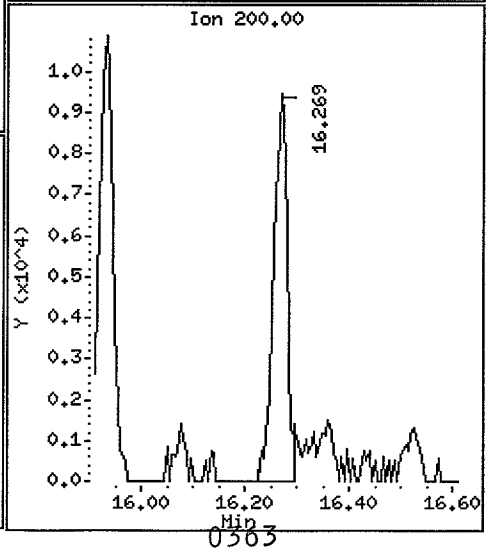












Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

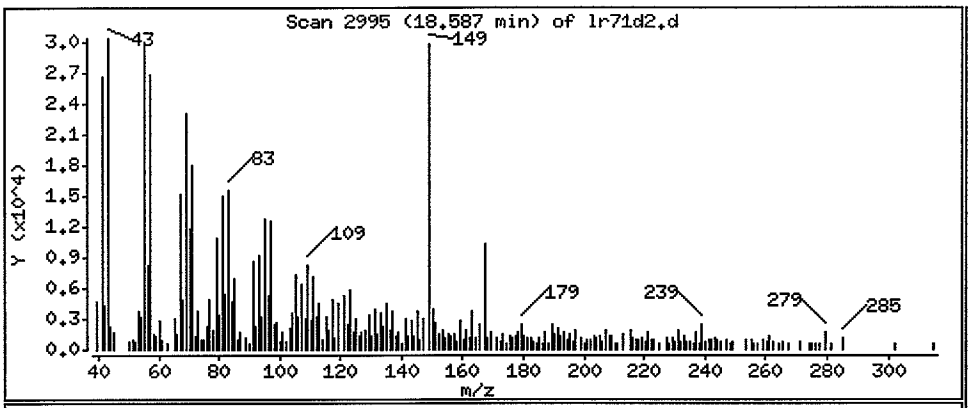
Operator: VTS

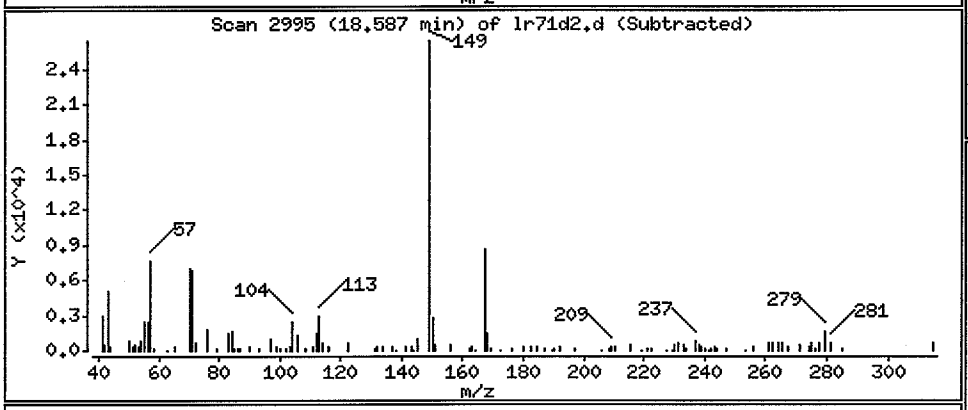
Column phase: ZB-5

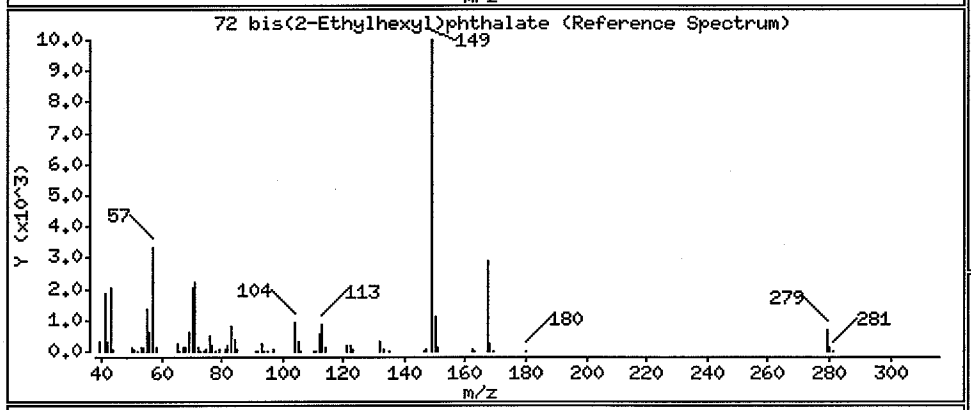
Column diameter: 0.32

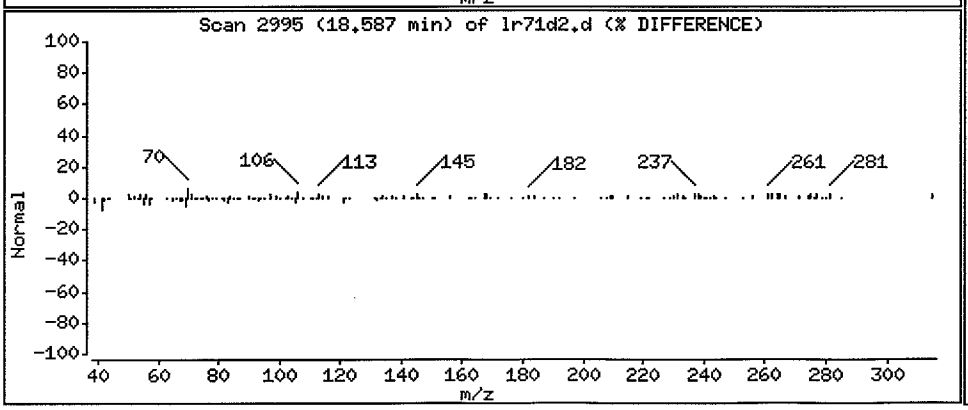
72 bis(2-Ethylhexyl)phthalate

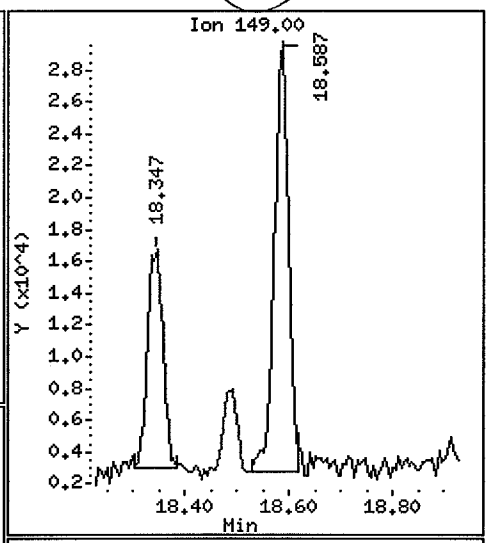
Concentration: 50.90 ug/Kg

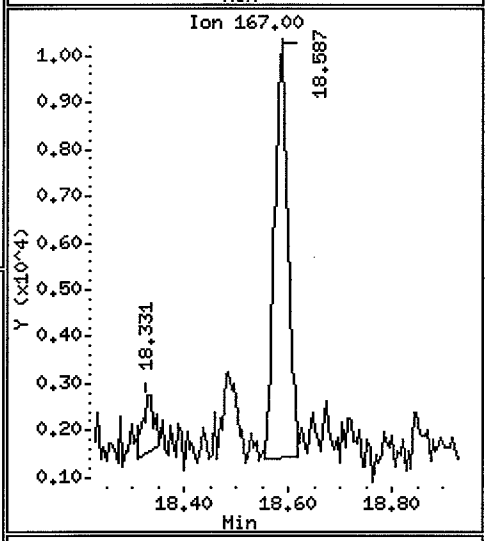


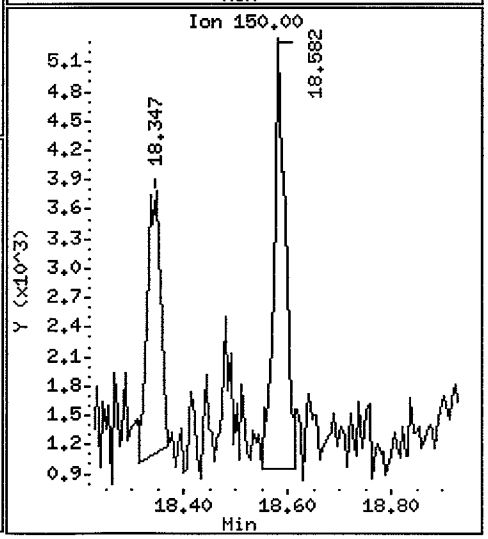












Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

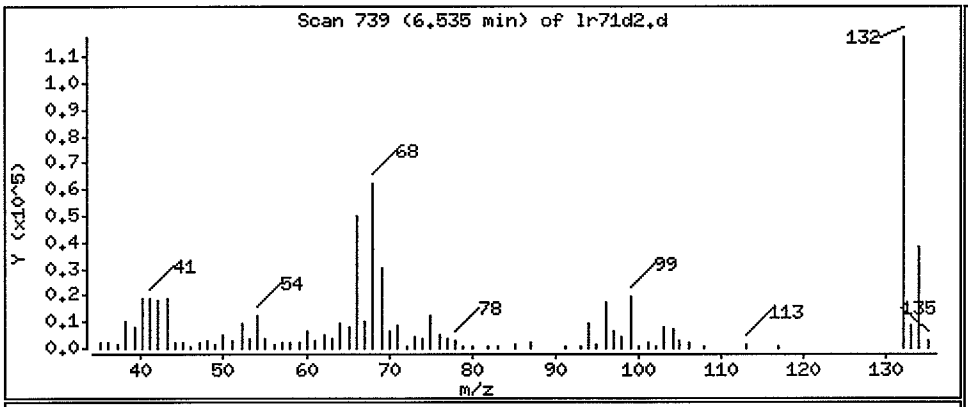
Operator: VTS

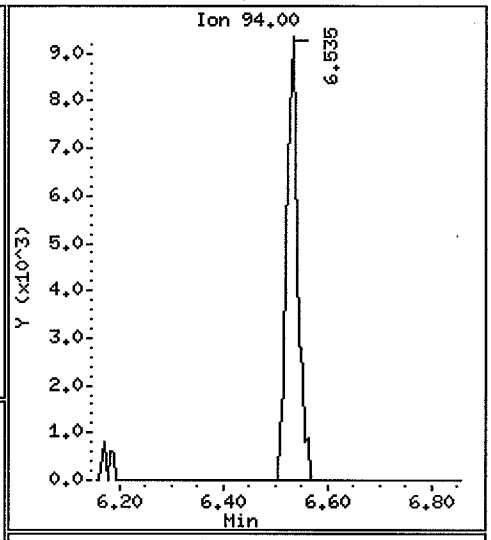
Column phase: ZB-5

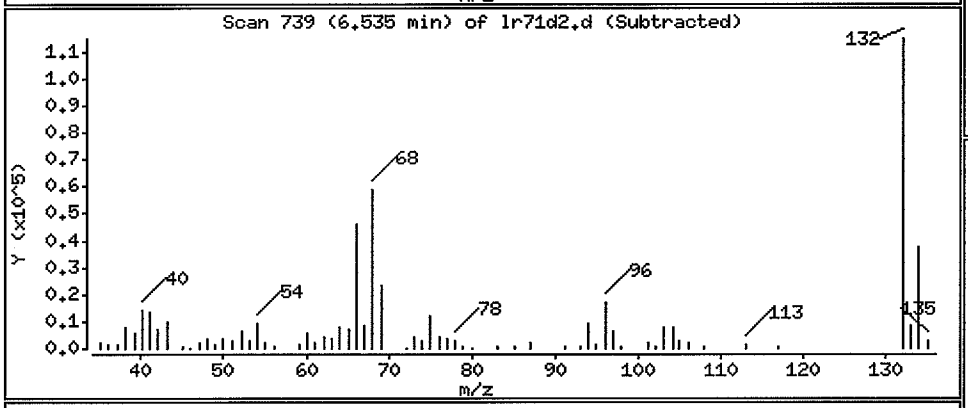
Column diameter: 0.32

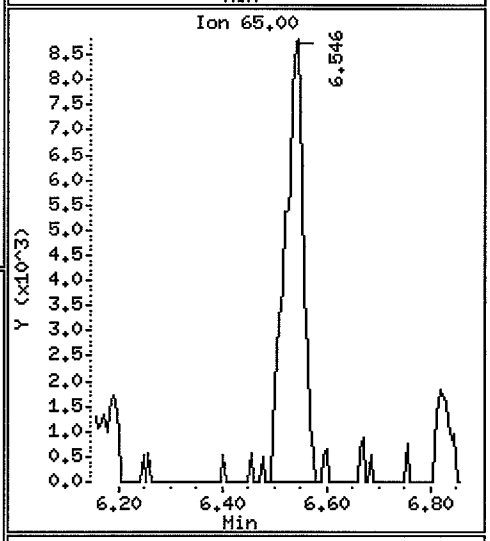
3 Phenol

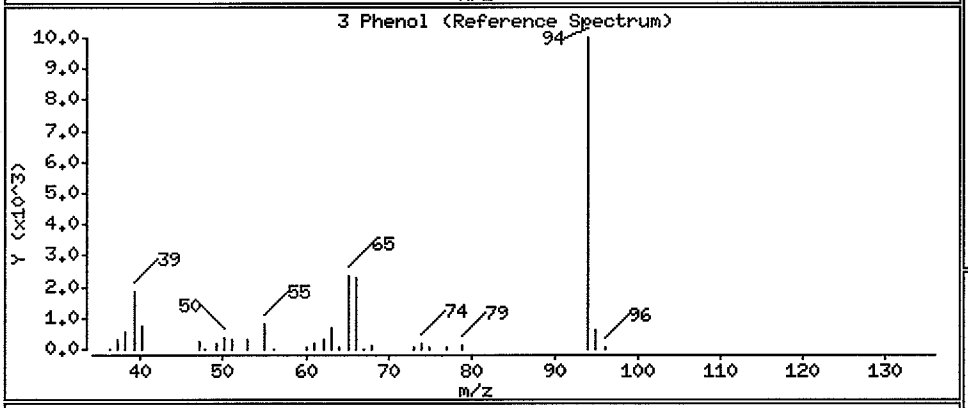
Concentration: 15.12 ug/Kg

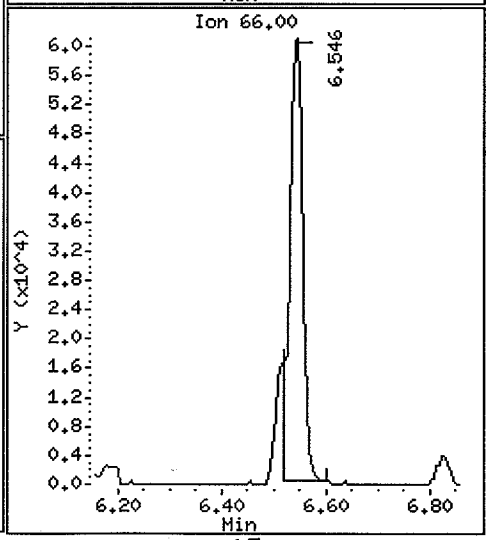


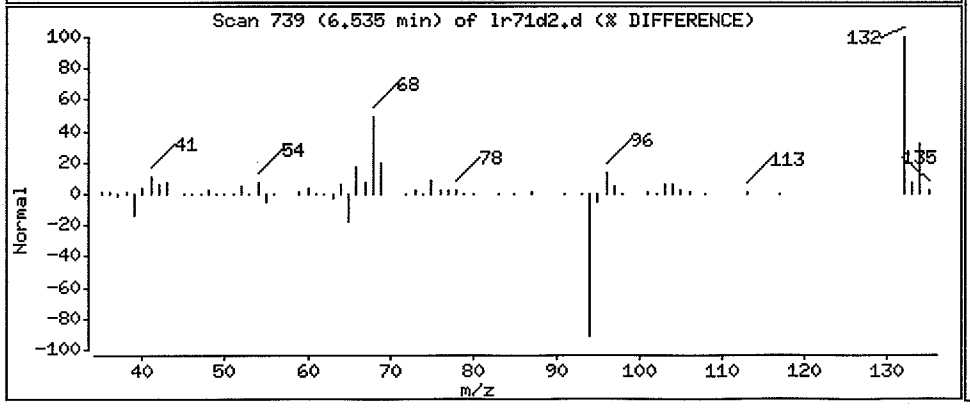












Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

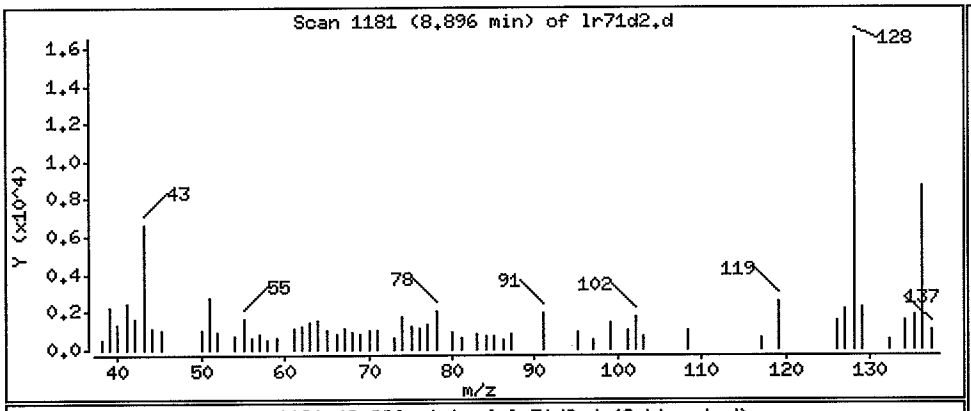
Operator: VTS

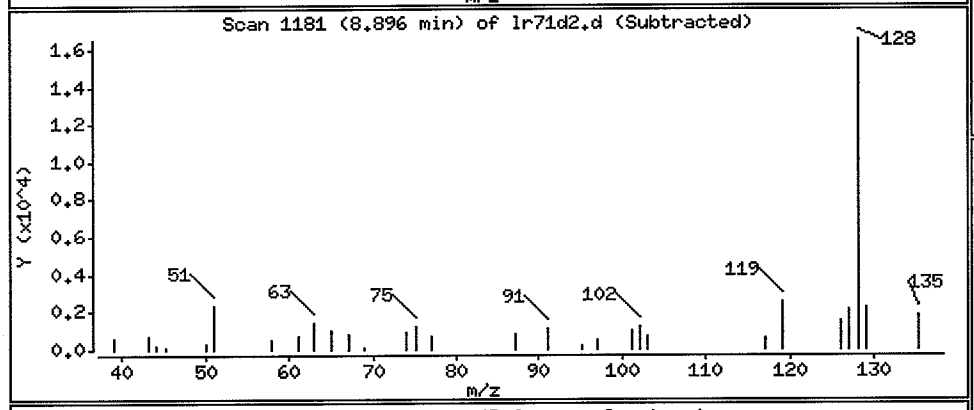
Column phase: ZB-5

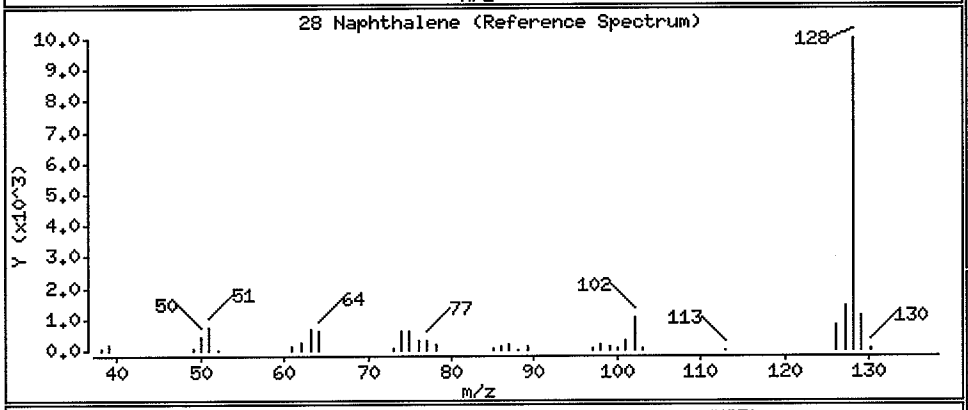
Column diameter: 0.32

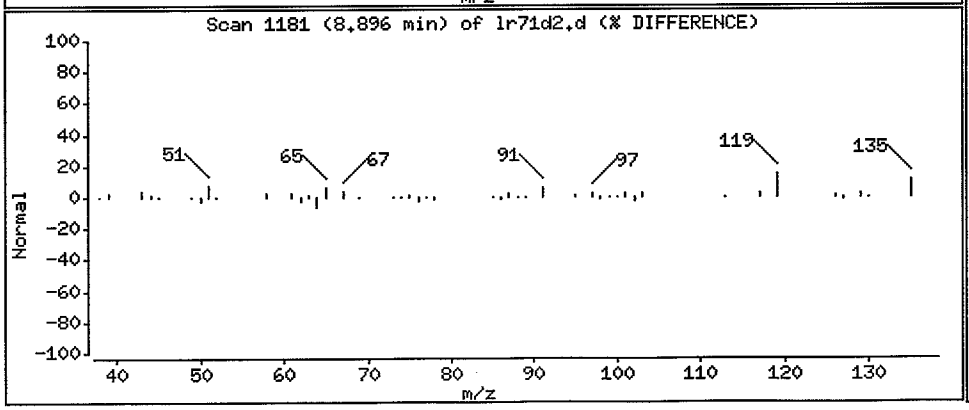
28 Naphthalene

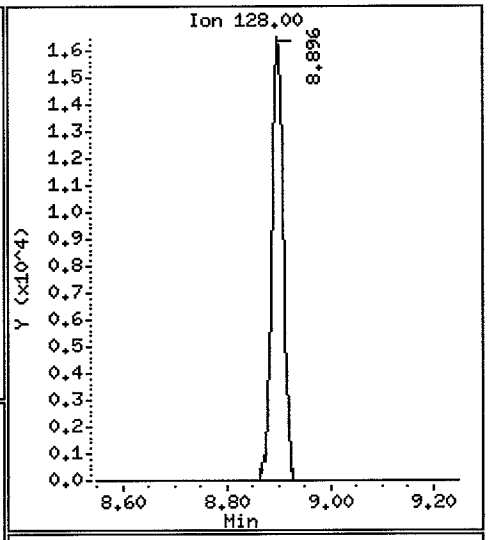
Concentration: 12.58 ug/Kg

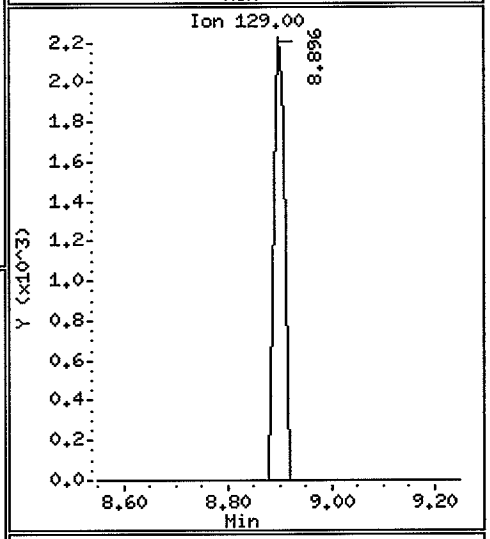


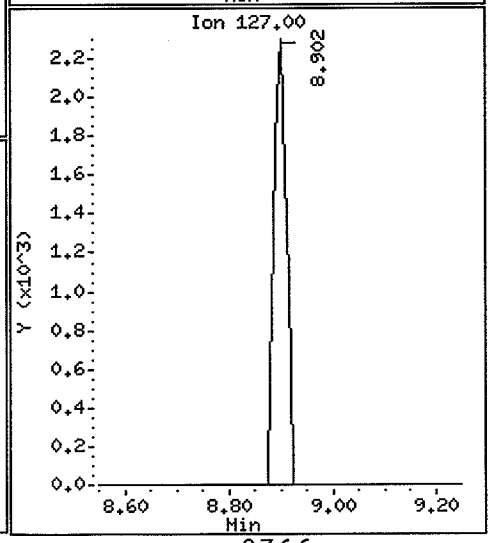












Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

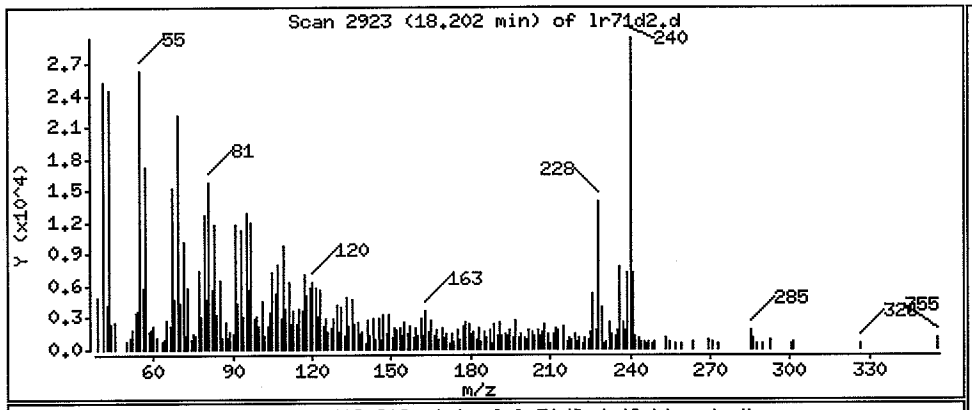
Operator: VTS

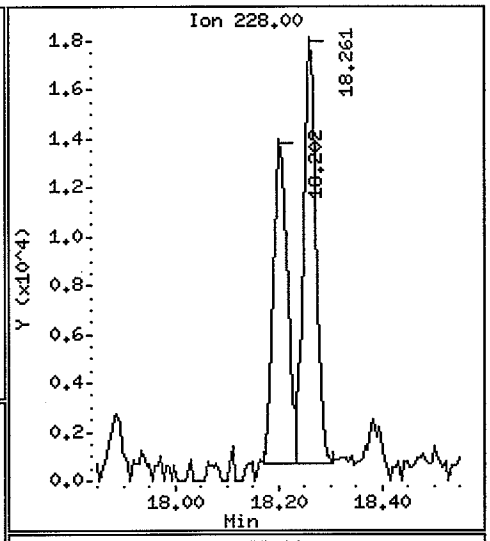
Column phase: ZB-5

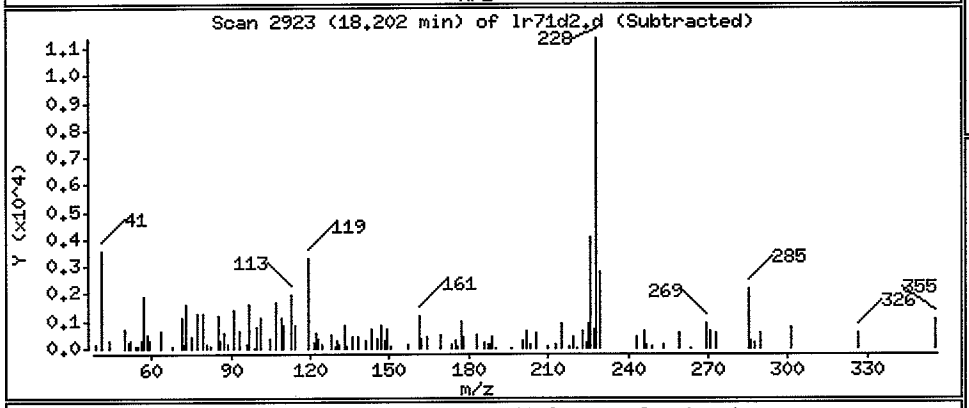
Column diameter: 0.32

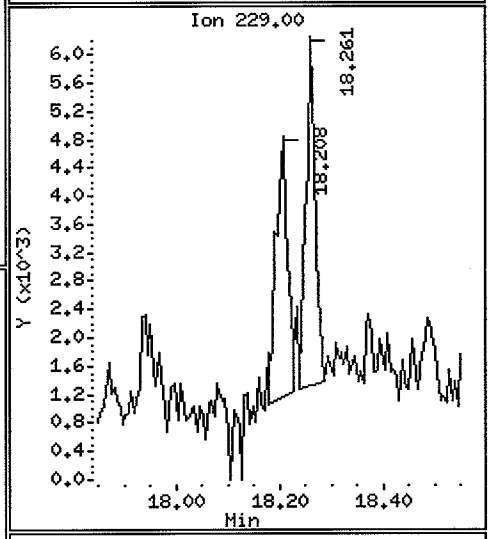
68 Benzo(a)anthracene

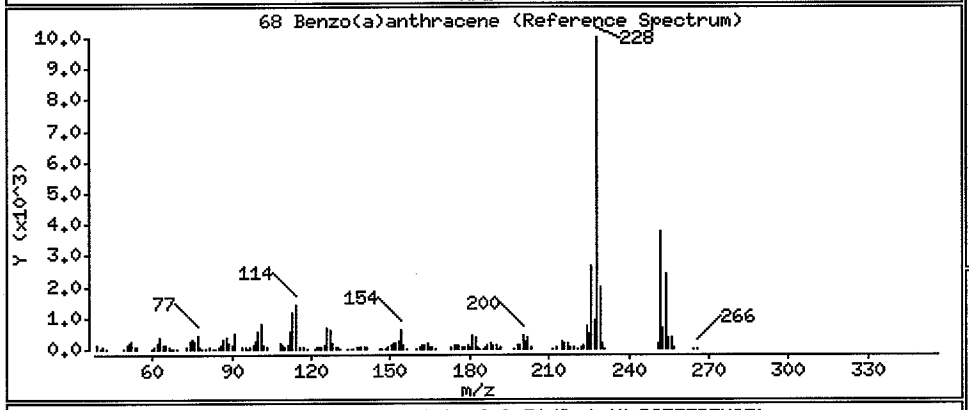
Concentration: 15.02 ug/Kg

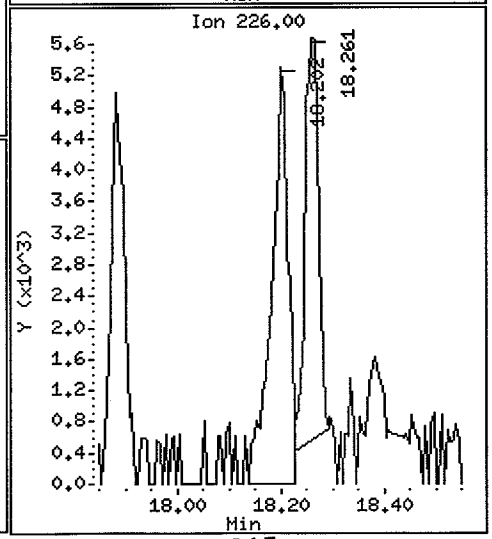


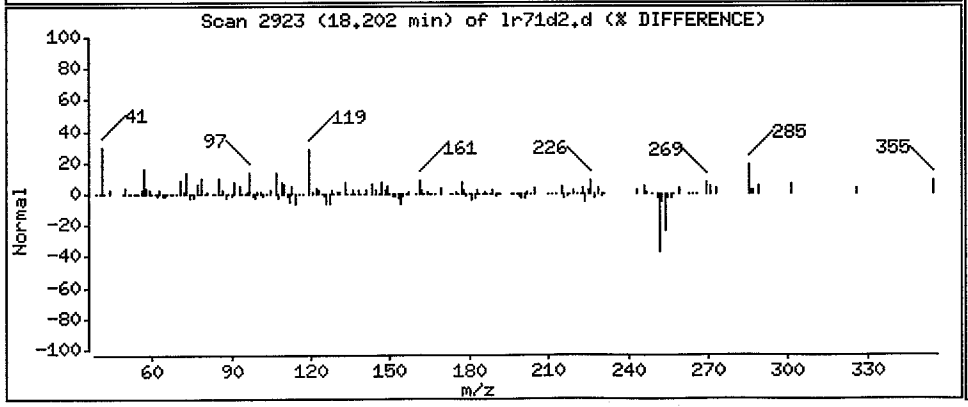












Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

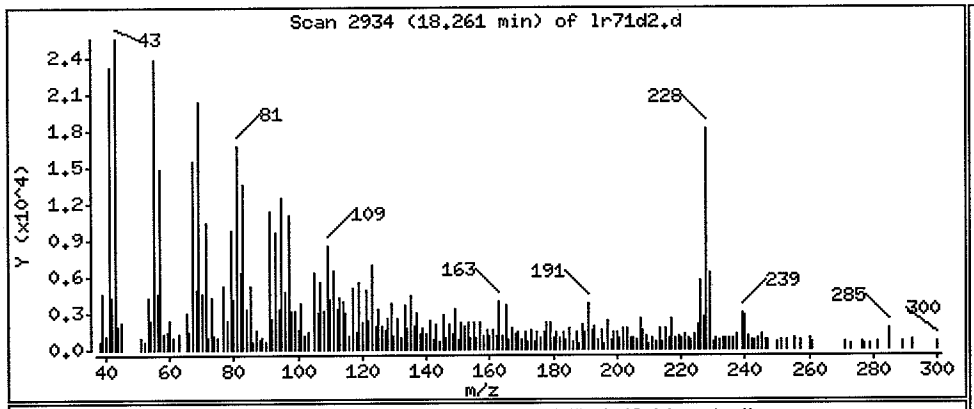
Operator: VTS

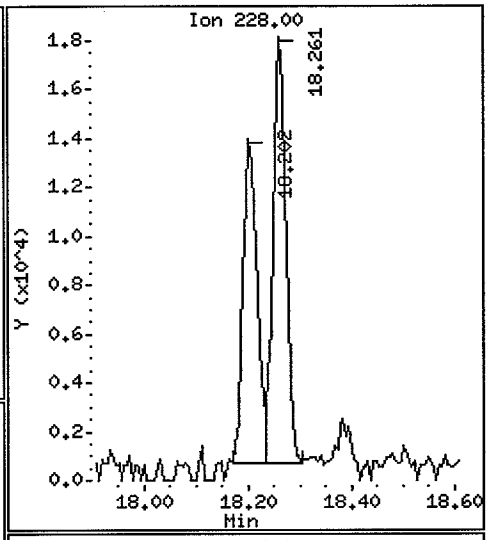
Column phase: ZB-5

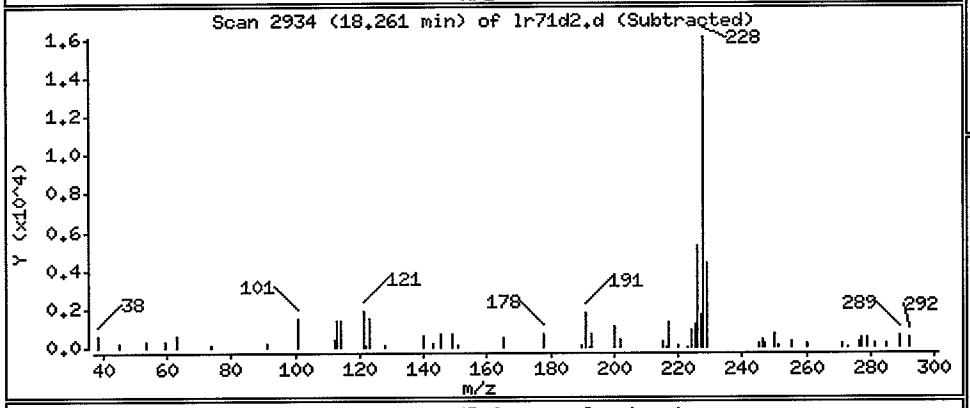
Column diameter: 0.32

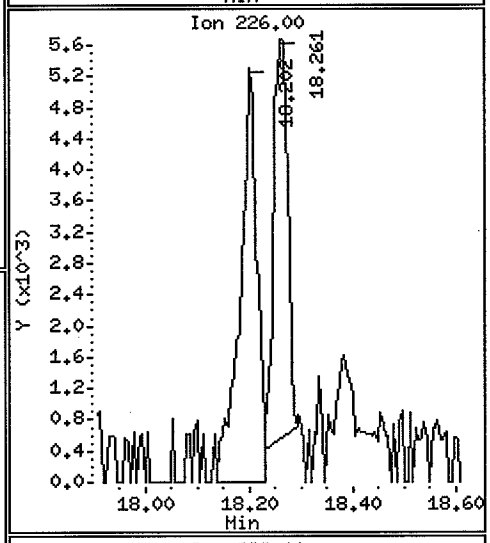
71 Chrysene

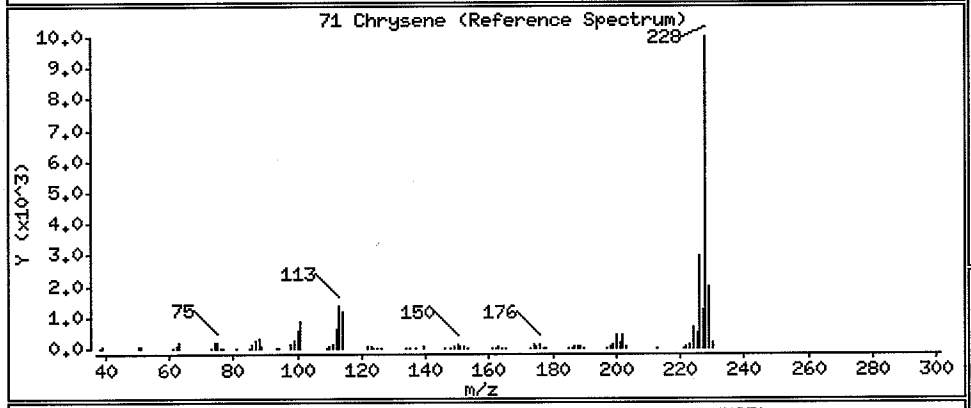
Concentration: 18.00 ug/Kg

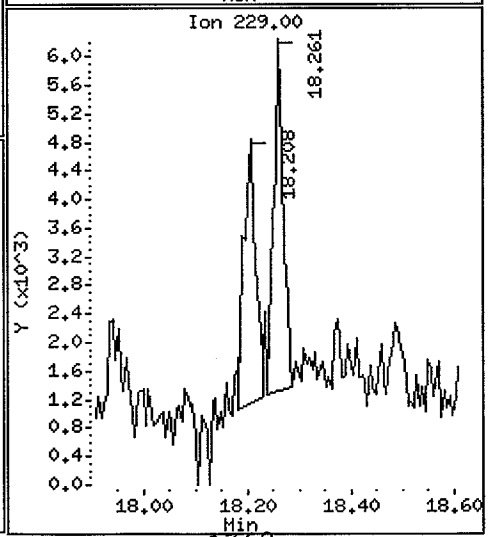


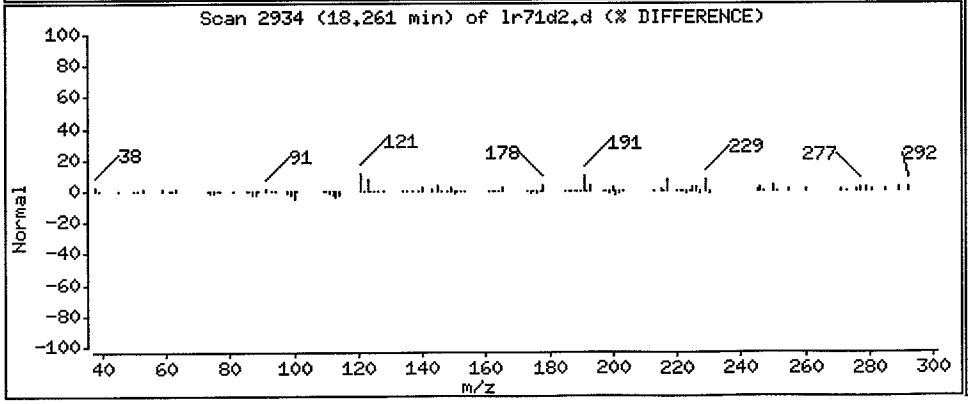












Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

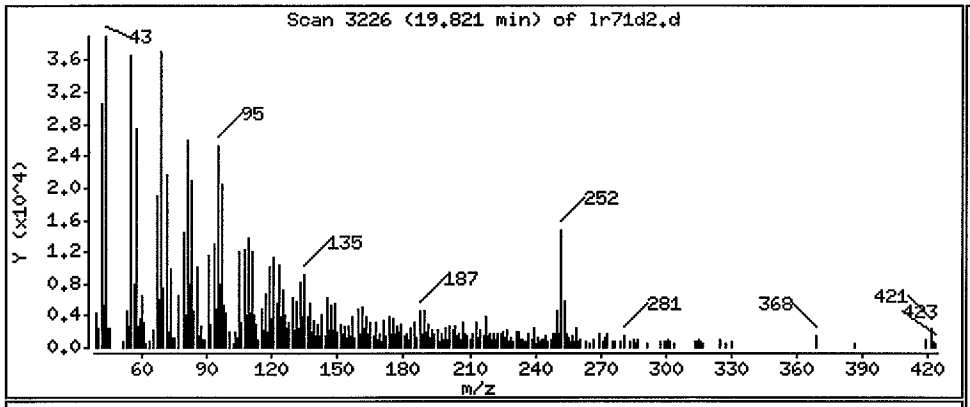
Operator: VTS

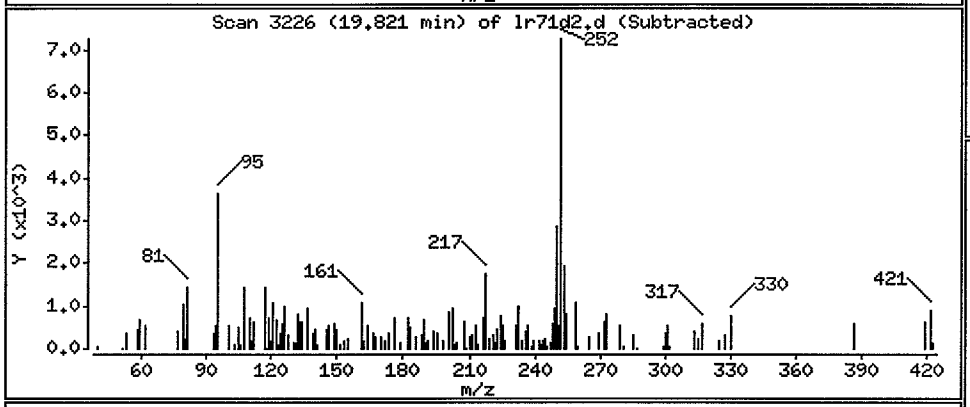
Column phase: ZB-5

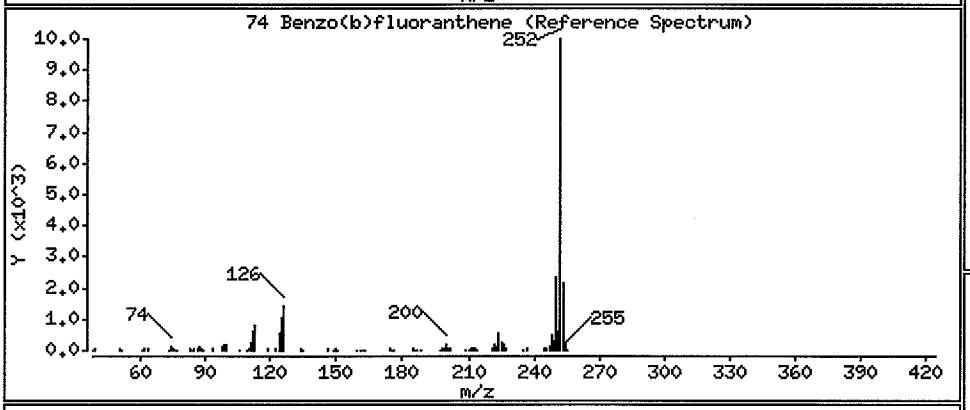
Column diameter: 0.32

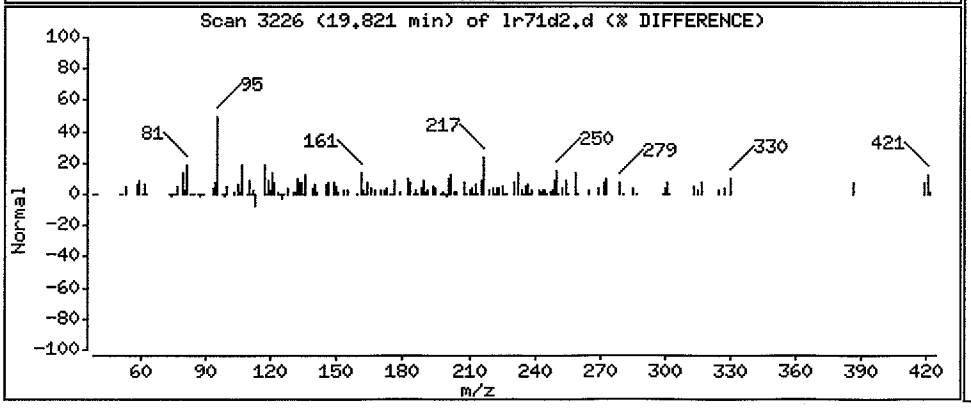
74 Benzo(b)fluoranthene

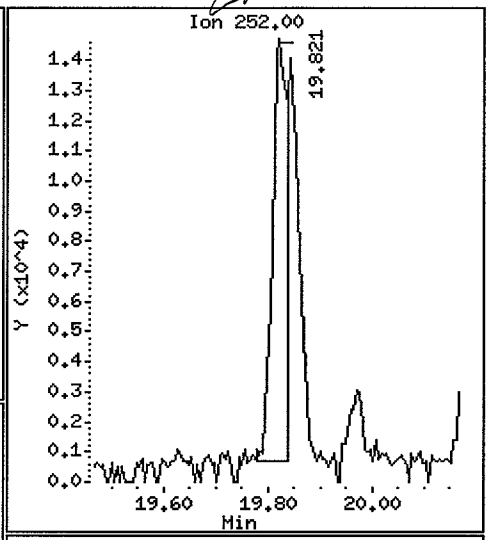
Concentration: 15.68 ug/Kg

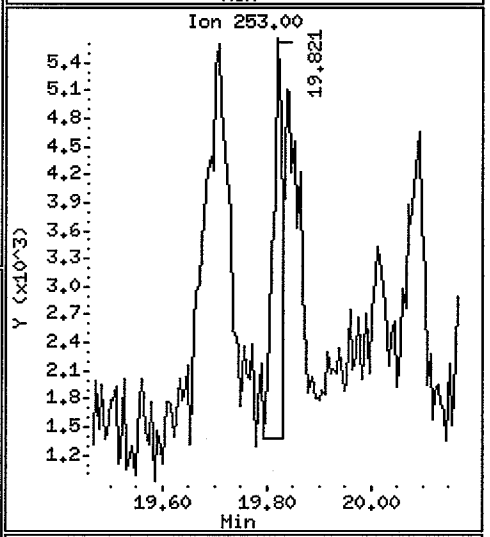


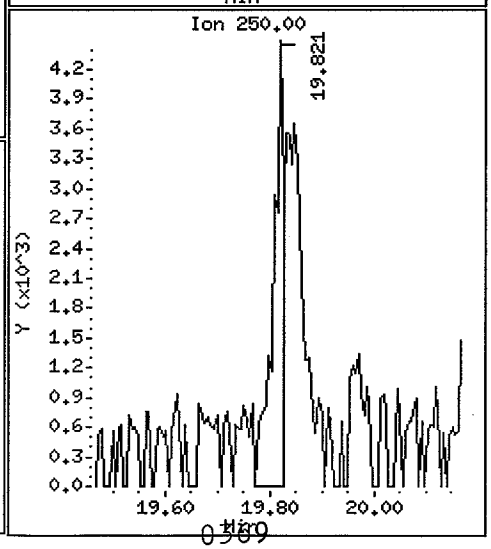












Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

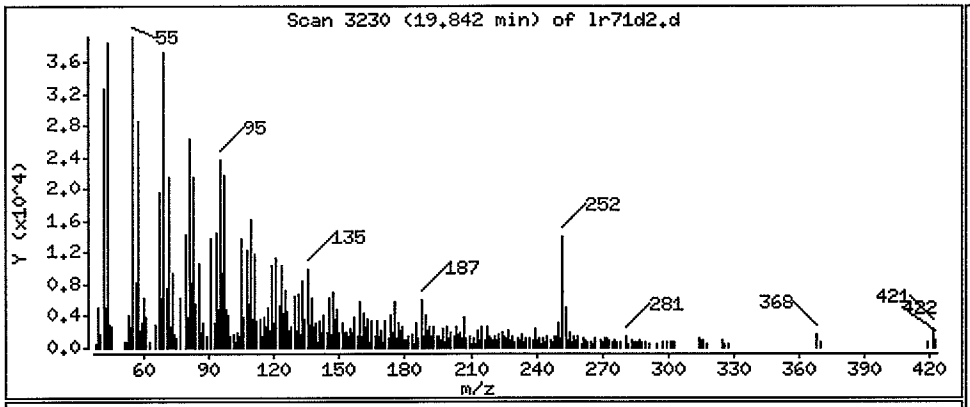
Operator: VTS

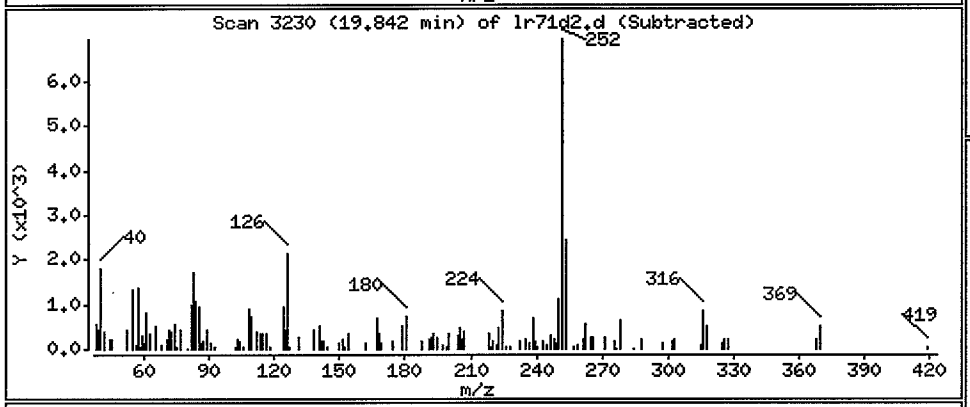
Column phase: ZB-5

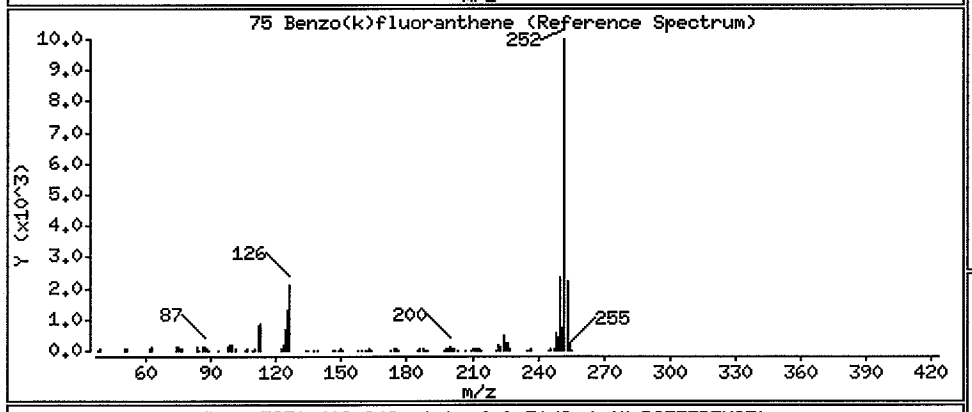
Column diameter: 0.32

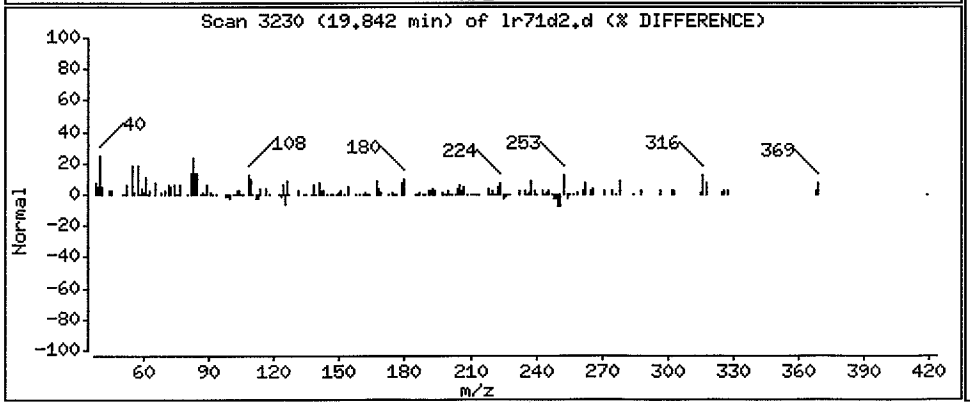
75 Benzo(k)fluoranthene

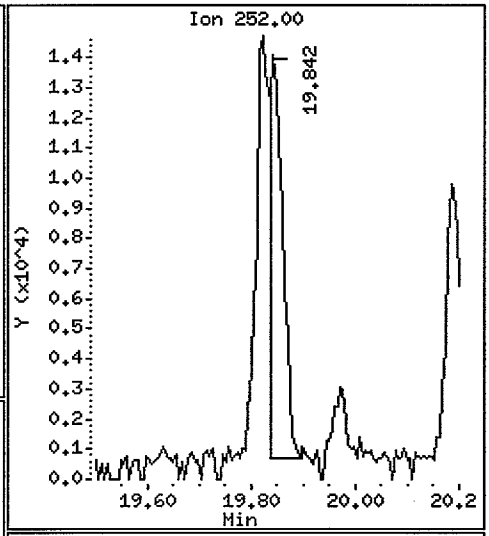
Concentration: 12.63 ug/Kg

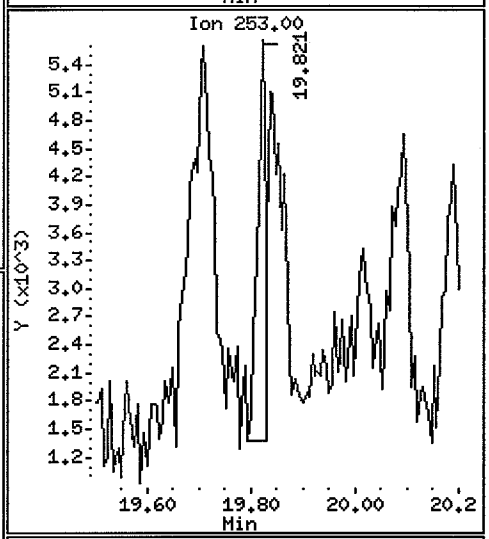


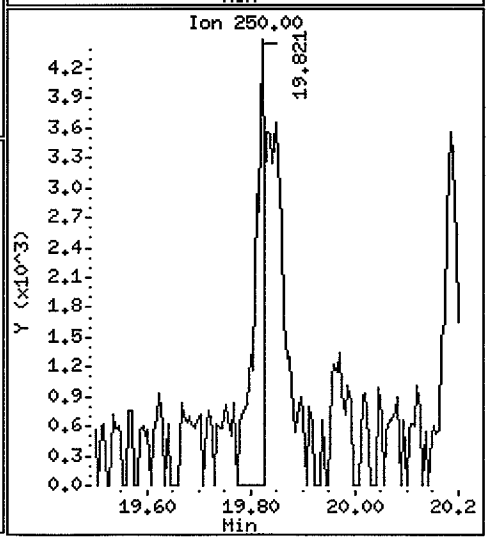












Data File: /chem3/nt4.i/20071101.b/lr71d2.d

Date : 01-NOV-2007 18:13

Client ID:

Instrument: nt4.i

Sample Info: LR71DRE

Volume Injected (uL): 1.0

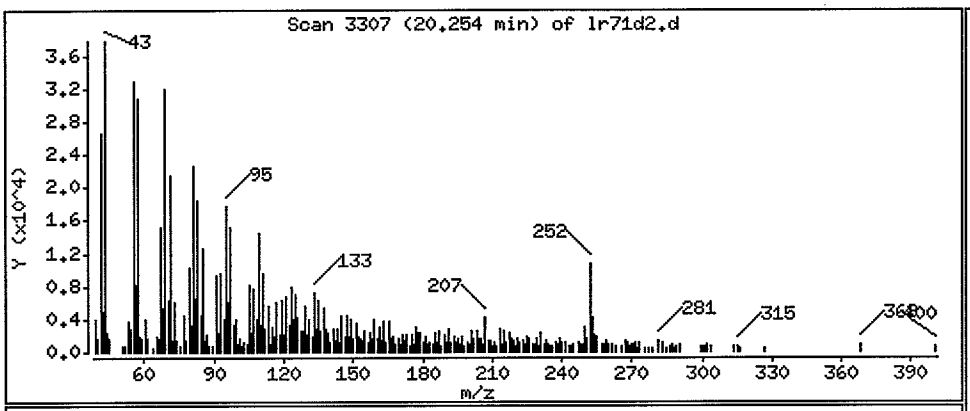
Operator: VTS

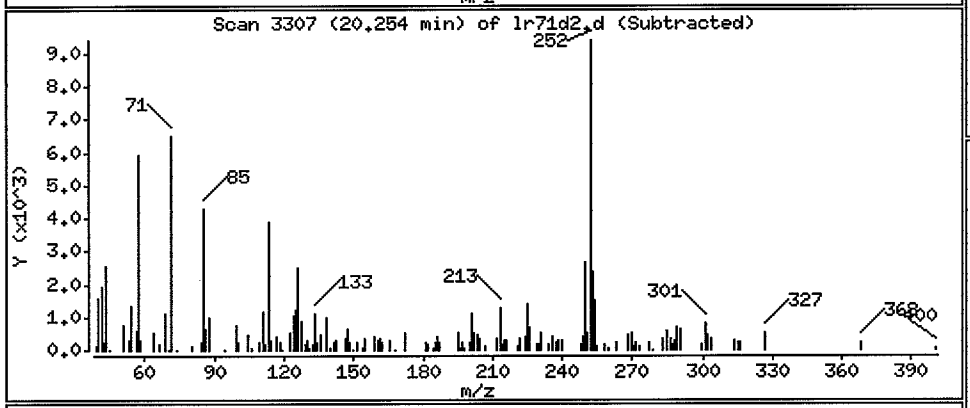
Column phase: ZB-5

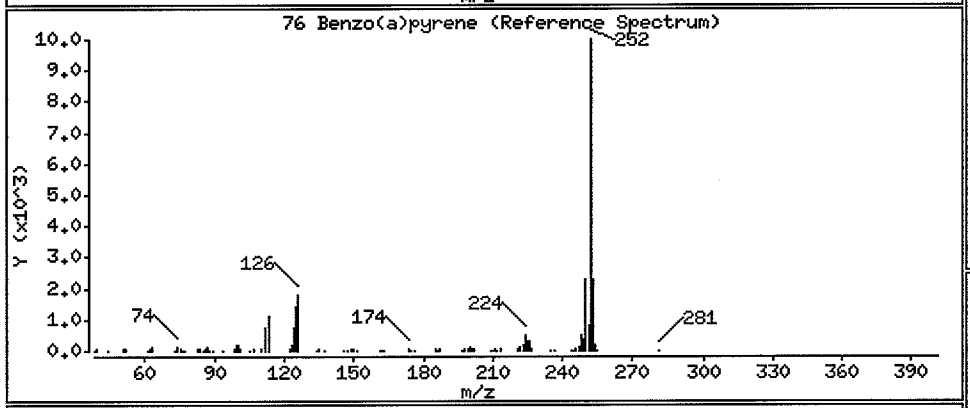
Column diameter: 0.32

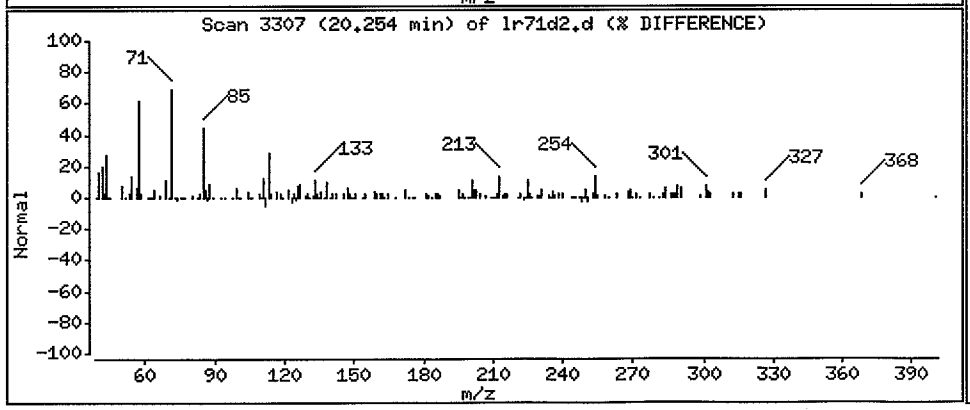
76 Benzo(a)pyrene

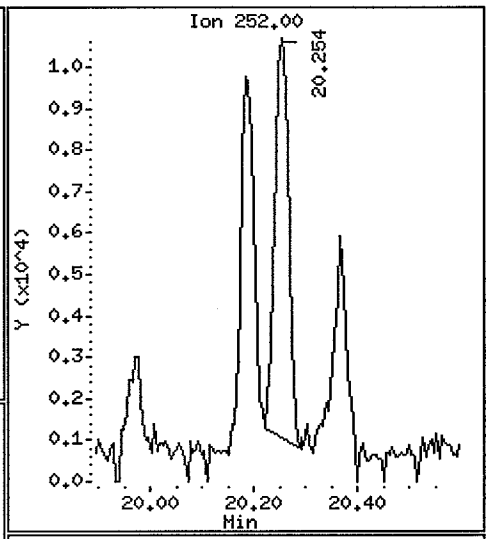
Concentration: 12.05 ug/Kg

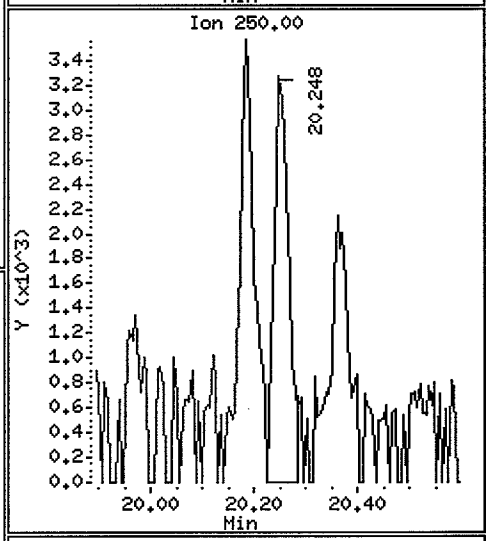


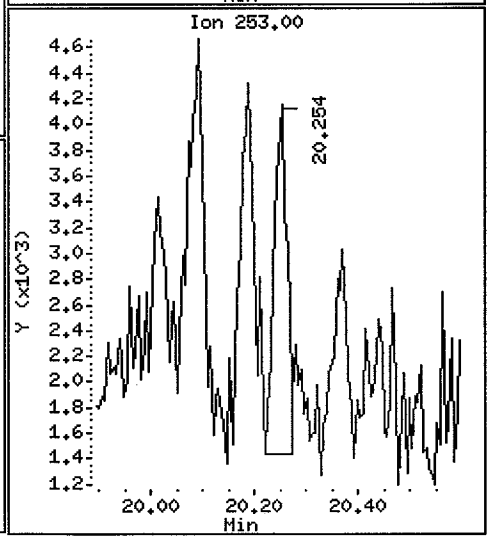












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
Page 1 of 2 **SAMPLE**

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 16:55
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**31**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**34**
129-00-0	**Pyrene**	**20**	**24**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**29**
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-10-070928
SAMPLE

Lab Sample ID: LR71E
LIMS ID: 07-20770
Matrix: Sediment
Date Analyzed: 10/18/07 16:55

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	42.8%	2-Fluorobiphenyl	46.8%
d14-p-Terphenyl	50.8%	d4-1,2-Dichlorobenzene	38.4%
d5-Phenol	44.5%	2-Fluorophenol	55.2%
2,4,6-Tribromophenol	52.0%	d4-2-Chlorophenol	43.7%

0373

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71e.d
Lab Smp Id: LR71E Client Smp ID: AN-SS-10-070928
Inj Date : 18-OCT-2007 16:55
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71E
Misc Info : 07-20770
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJT 10/25/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	65.10000	Weight of sample extracted (g)
M	22.70000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.986	5.917	(0.756)	300701	20.6866	411.1
$	2 Phenol-d5	99	7.503	7.488	(0.948)	309514	16.6685	331.2
	3 Phenol	94	7.519	7.504	(0.950)	35809	1.55605	30.92
$	5 2-Chlorophenol-d4	132	7.616	7.600	(0.962)	202474	16.3716	325.3
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.915	7.904	(1.000)	197254	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	8.214	8.204	(1.038)	89062	9.60326	190.8
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.684	8.674	(1.097)	7804	0.56338	11.20
$	18 Nitrobenzene-d5	82	8.850	8.845	(0.887)	207655	10.7498	213.6
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.971	9.961	(1.000)	601231	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.782	11.777	(0.917)	296920	11.6774	232.1
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.851	12.841	(1.000)	326575	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.149	14.139	(1.101)	61632	19.4517	386.5
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.233	15.223	(1.000)	507145	20.0000	
	60 Phenanthrene	178	15.271	15.261	(1.002)	25967	0.79803	15.86
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	17.215	17.205	(1.130)	63101	1.69579	33.70
65	Pyrene	202	17.568	17.563	(0.898)	52620	1.19117	23.67
$ 66	Terphenyl-d14	244	17.899	17.884	(0.915)	352239	12.7391	253.1
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	19.566	19.556	(1.000)	615072	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.603	19.598	(1.002)	24976	0.57671 EDL	11.46
72	bis(2-Ethylhexyl)phthalate	149	19.796	19.785	(0.955)	38120	1.43622	28.54
* 134	Di-n-octylphthalate-d4	153	20.730	20.720	(1.000)	877776	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	Compound Not Detected.					
75	Benzo(k)fluoranthene	252	Compound Not Detected.					
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	21.735	21.719	(1.000)	589955	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71e.d
Lab Smp Id: LR71E
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20770

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-10-070928
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	197254	-6.99
27 Naphthalene-d8	656578	328289	1313156	601231	-8.43
42 Acenaphthene-d10	353705	176852	707410	326575	-7.67
59 Phenanthrene-d10	526440	263220	1052880	507145	-3.67
69 Chrysene-d12	581923	290962	1163846	615072	5.70
134 Di-n-octylphthala	979097	489548	1958194	877776	-10.35
77 Perylene-d12	686531	343266	1373062	589955	-14.07

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.13
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.10
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.08
59 Phenanthrene-d10	15.22	14.72	15.72	15.23	0.07
69 Chrysene-d12	19.56	19.06	20.06	19.57	0.05
134 Di-n-octylphthala	20.72	20.22	21.22	20.73	0.05
77 Perylene-d12	21.72	21.22	22.22	21.73	0.07

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71E
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20770

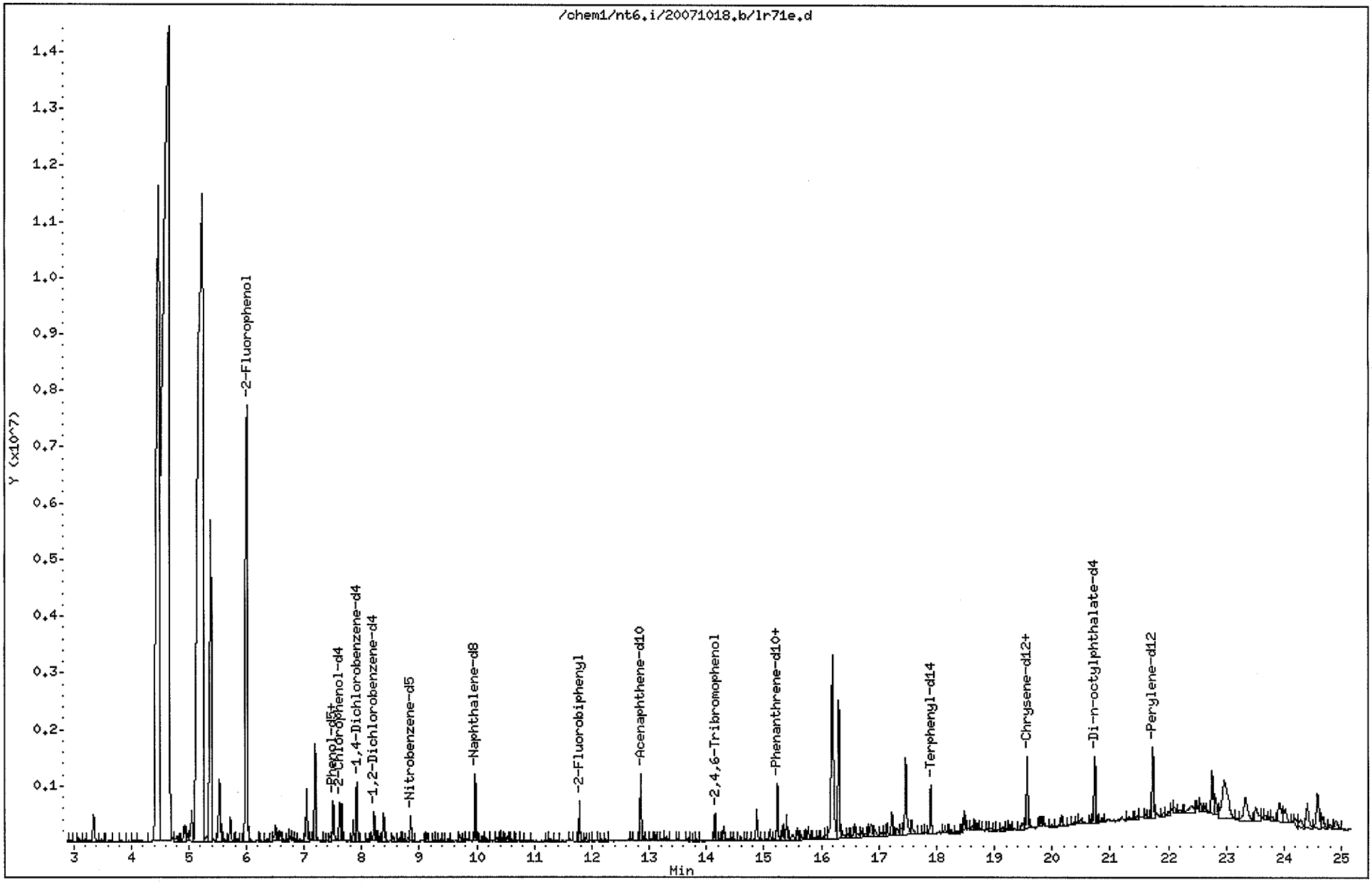
Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-10-070928
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	745.2	411.1	55.16	11-84
$ 2 Phenol-d5	745.2	331.2	44.45	25-86
$ 5 2-Chlorophenol-d4	745.2	325.3	43.66	23-91
$ 10 1,2-Dichlorobenzen	496.8	190.8	38.41	24-90
$ 18 Nitrobenzene-d5	496.8	213.6	43.00	26-88
$ 36 2-Fluorobiphenyl	496.8	232.1	46.71	34-91
$ 55 2,4,6-Tribromophen	745.2	386.5	51.87	25-107
$ 66 Terphenyl-d14	496.8	253.1	50.96	22-100

Data File: /chem1/nt6.i/20071018.b/lr71e.d
Date : 18-OCT-2007 16:55
Client ID: AN-SS-10-070928
Sample Info: LR71E
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32

0379



Data File: /chem1/nt6.i/20071018.b/lr71e.d

Date : 18-OCT-2007 16:55

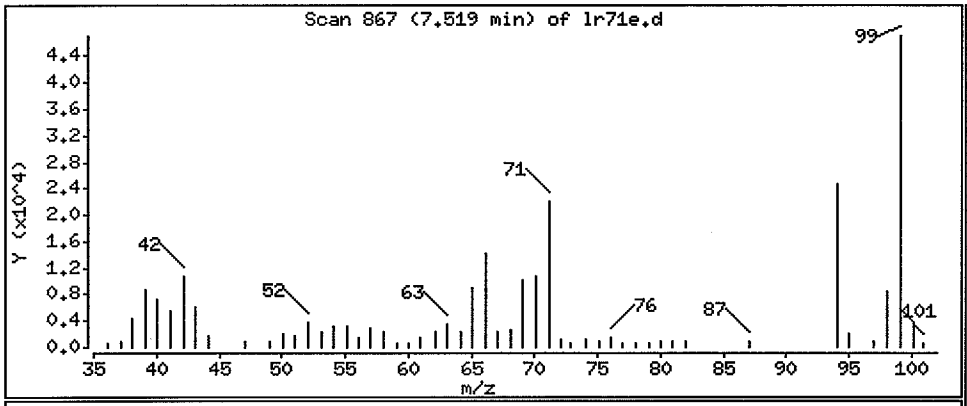
Client ID: AN-SS-10-070928 Instrument: nt6.i

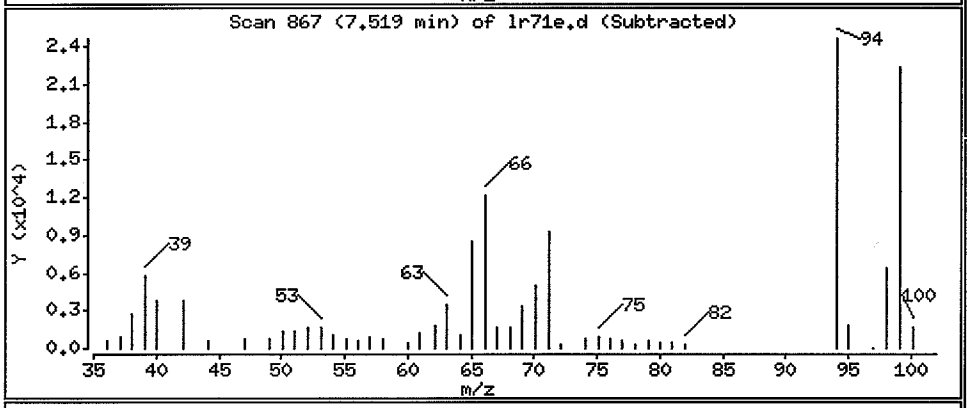
Sample Info: LR71E

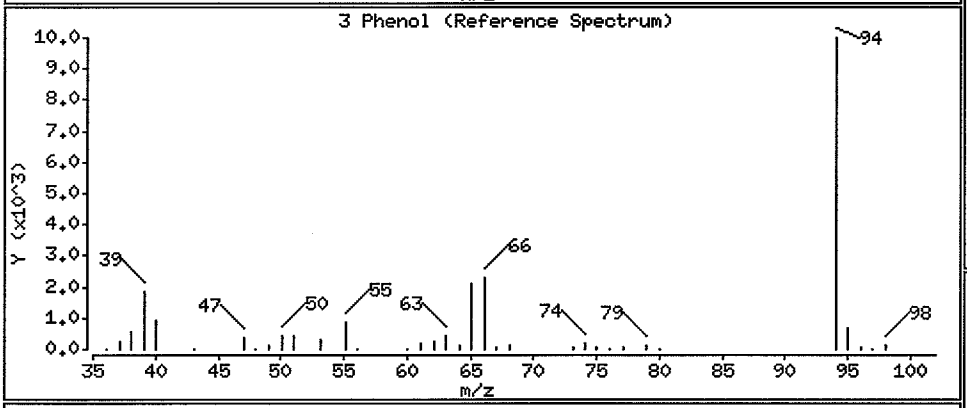
Volume Injected (uL): 1.0 Operator: LJR/VTS

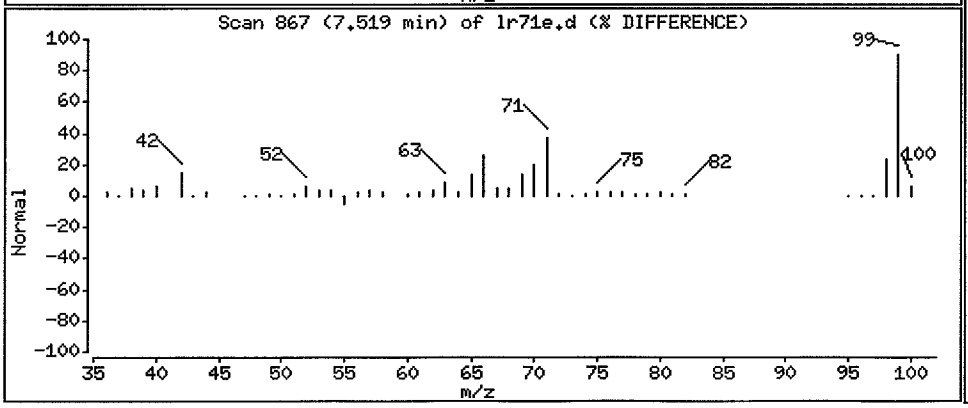
Column phase: ZB-5 Column diameter: 0.32

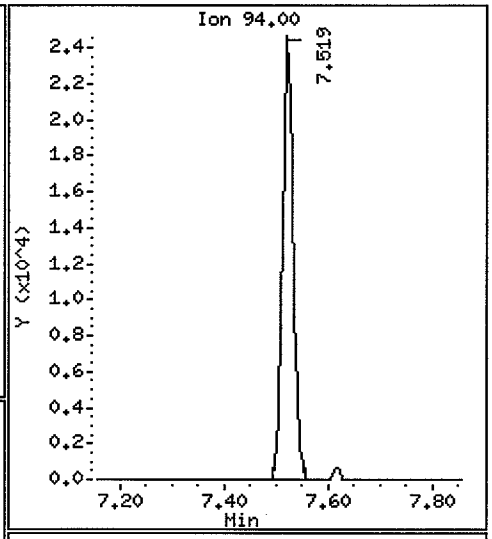
3 Phenol Concentration: 30.92 ug/kg

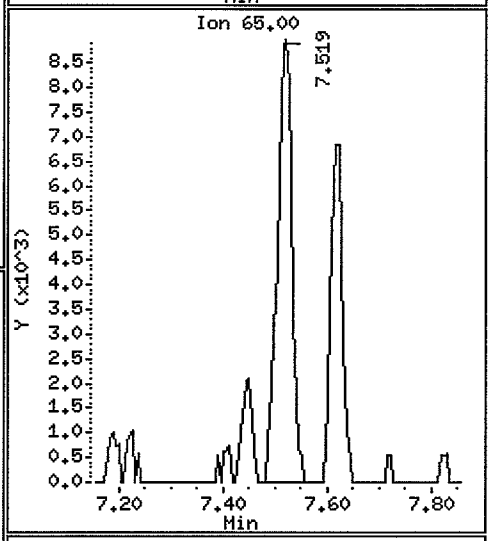


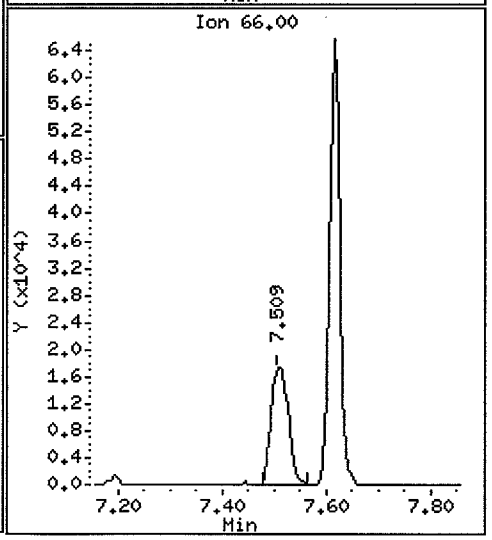












Data File: /chem1/nt6.i/20071018.b/lr71e.d

Date : 18-OCT-2007 16:55

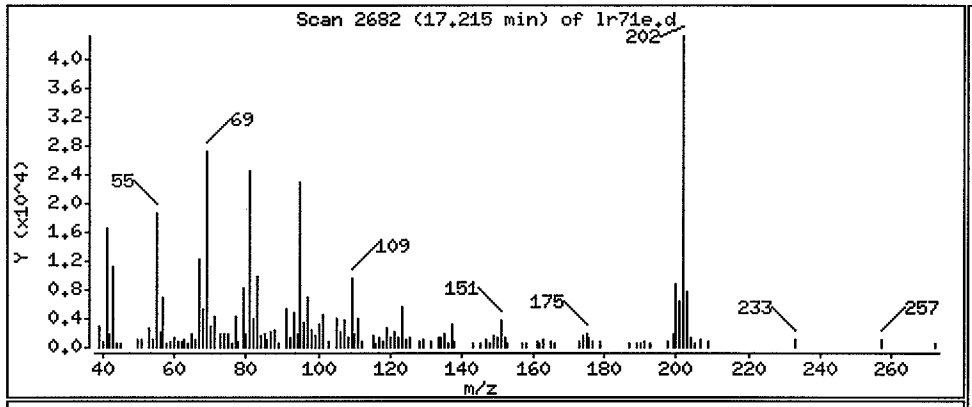
Client ID: AN-SS-10-070928 Instrument: nt6.i

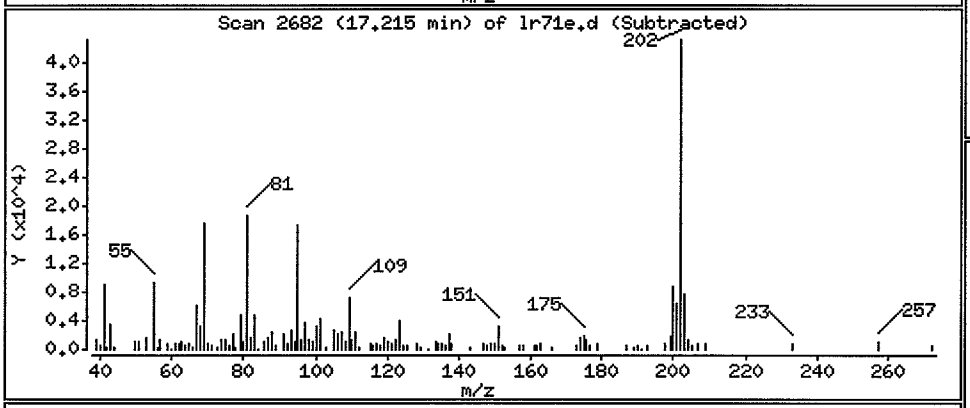
Sample Info: LR71E

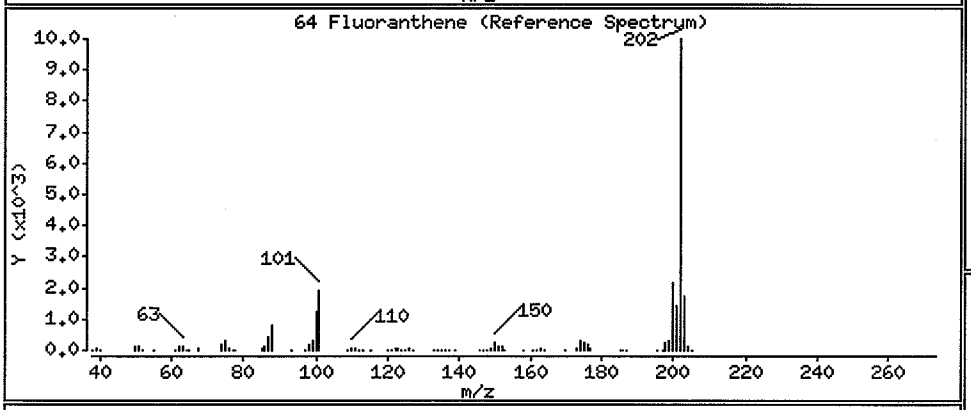
Volume Injected (uL): 1.0 Operator: LJR/VTS

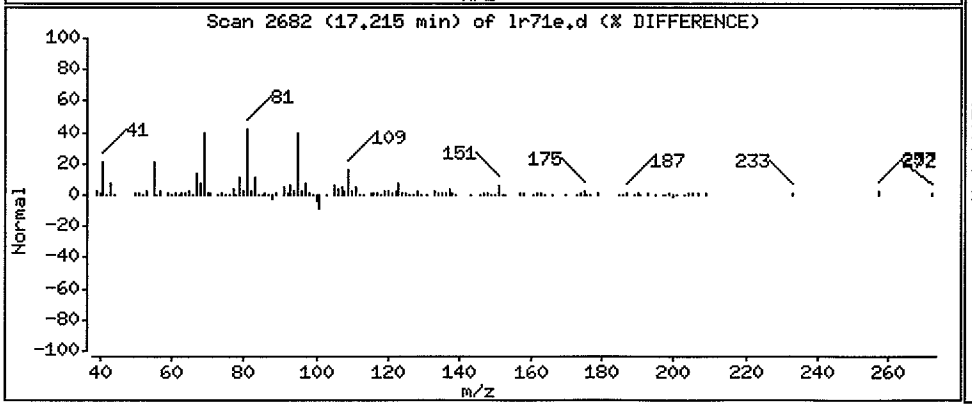
Column phase: ZB-5 Column diameter: 0.32

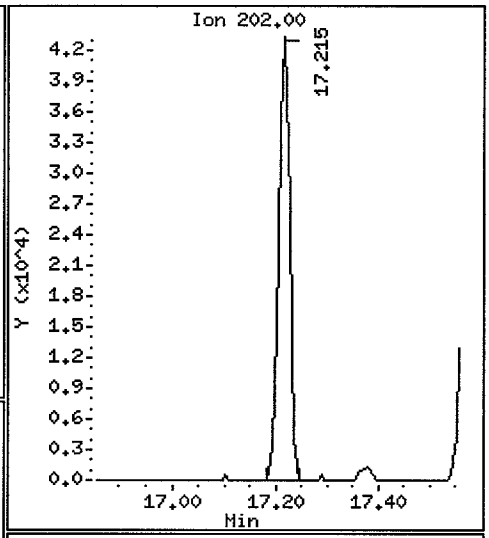
64 Fluoranthene Concentration: 33.70 ug/kg

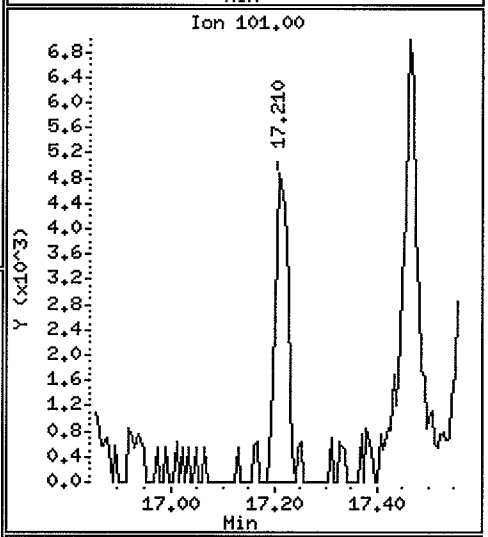


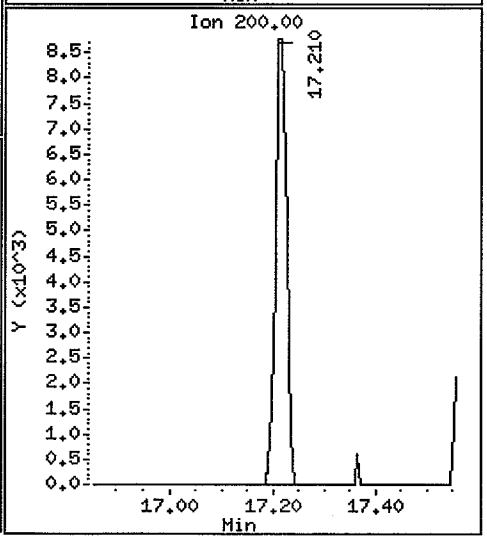












Data File: /chem1/nt6.i/20071018.b/lr71e.d

Date : 18-OCT-2007 16:55

Client ID: AN-SS-10-070928

Instrument: nt6.i

Sample Info: LR71E

Volume Injected (uL): 1.0

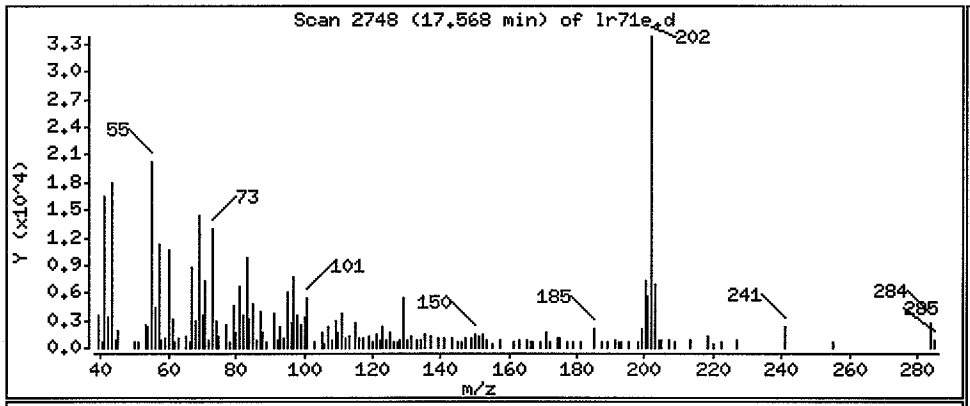
Operator: LJR/VTS

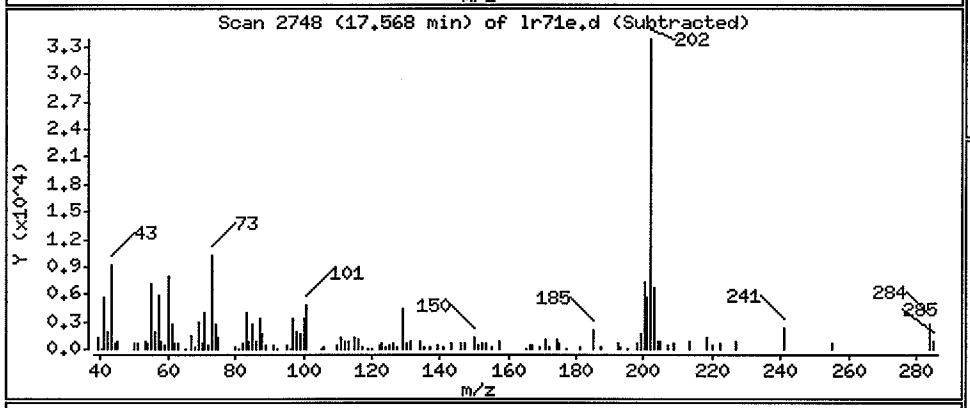
Column phase: ZB-5

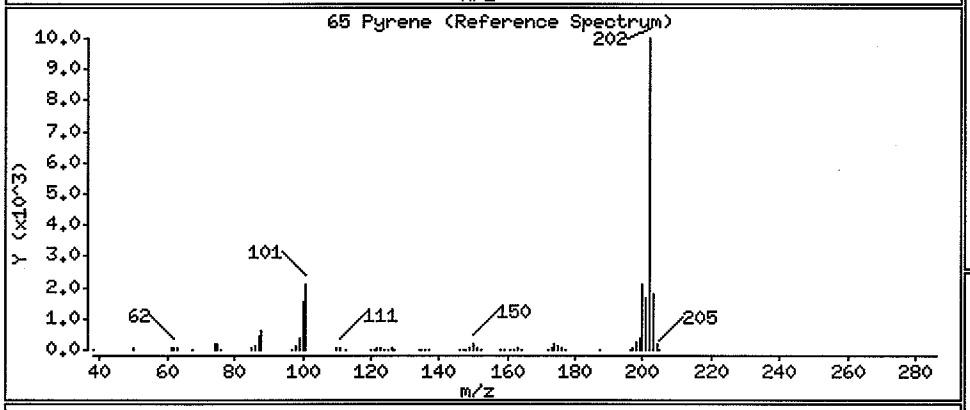
Column diameter: 0.32

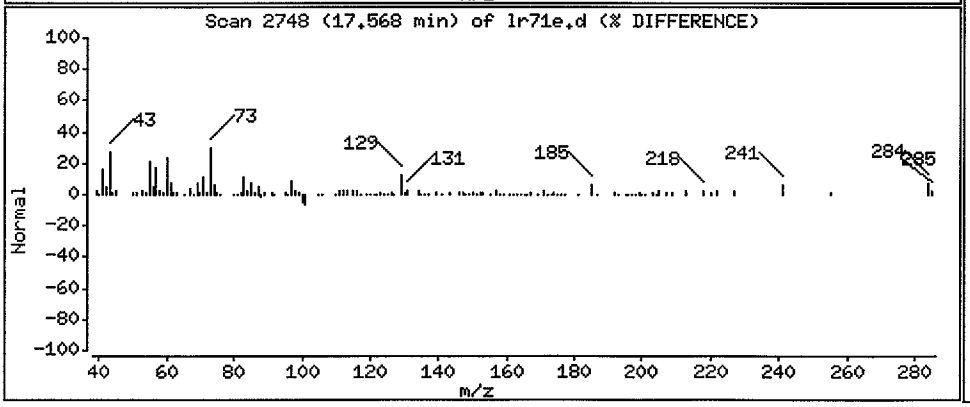
65 Pyrene

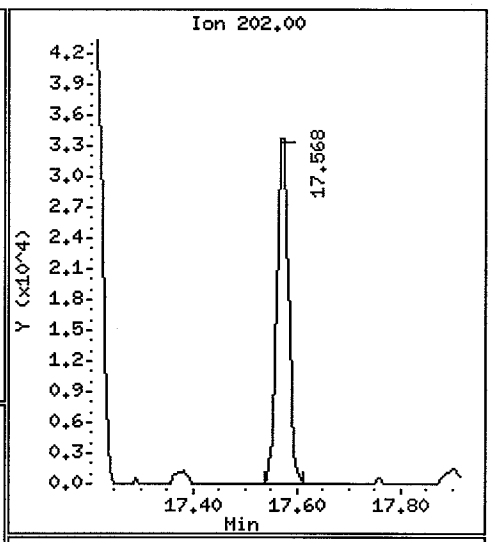
Concentration: 23.67 ug/kg

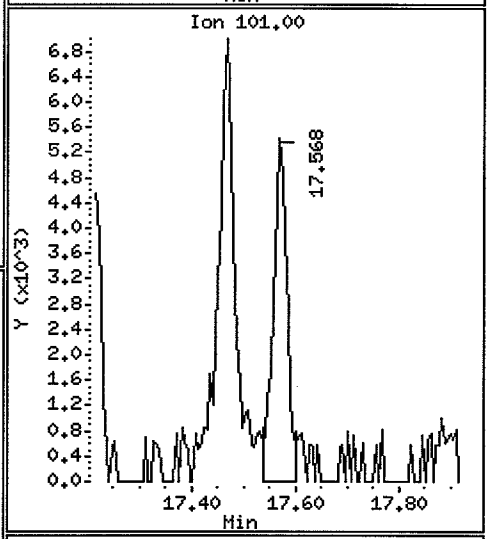


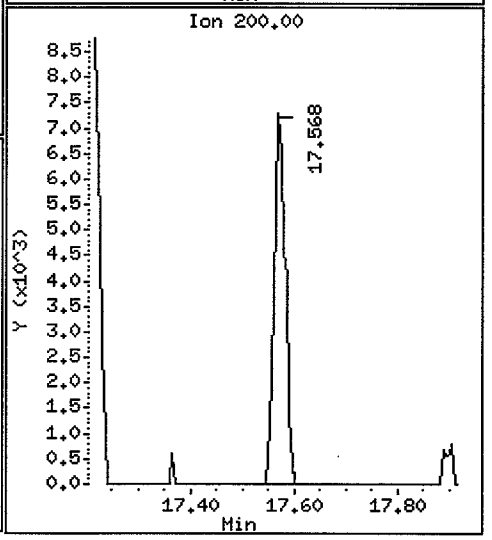












Data File: /chem1/nt6.i/20071018.b/lr71e.d

Date : 18-OCT-2007 16:55

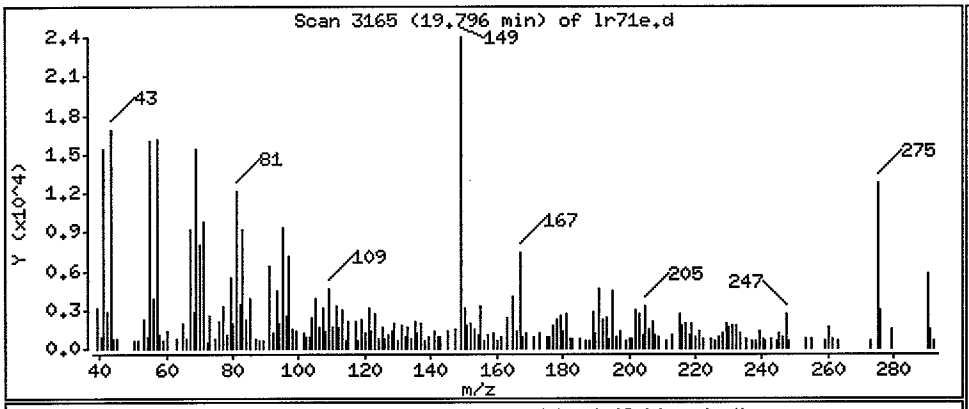
Client ID: AN-SS-10-070928 Instrument: nt6.i

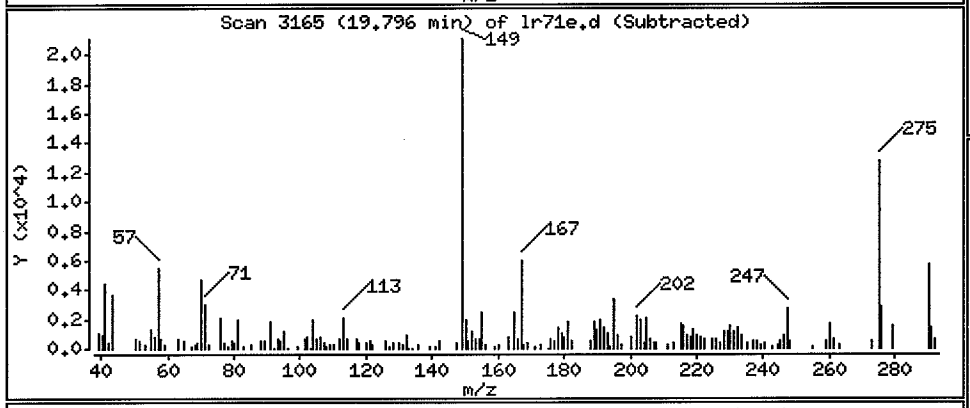
Sample Info: LR71E

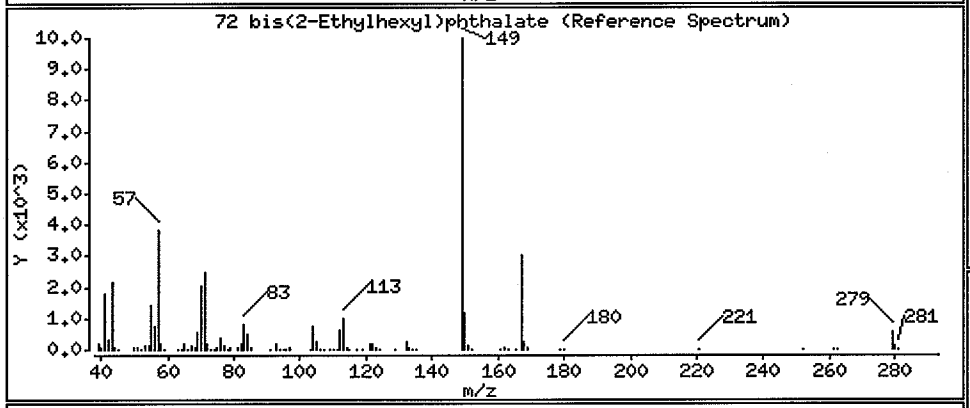
Volume Injected (uL): 1.0 Operator: LJR/VTS

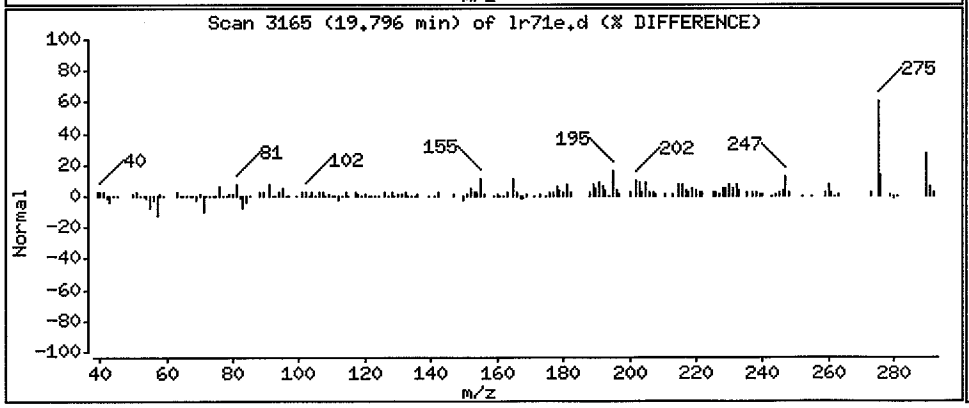
Column phase: ZB-5 Column diameter: 0.32

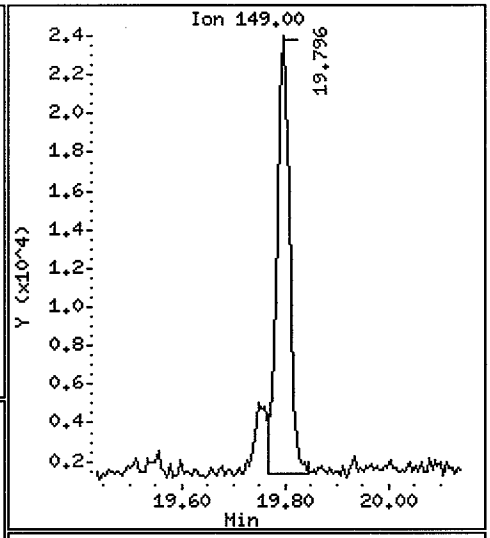
72 bis(2-Ethylhexyl)phthalate Concentration: 28.54 ug/kg

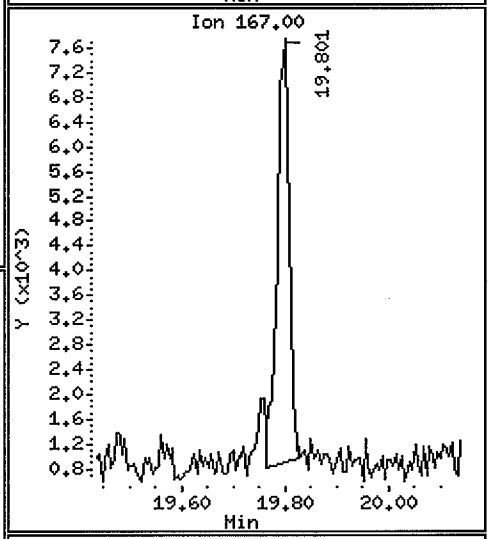


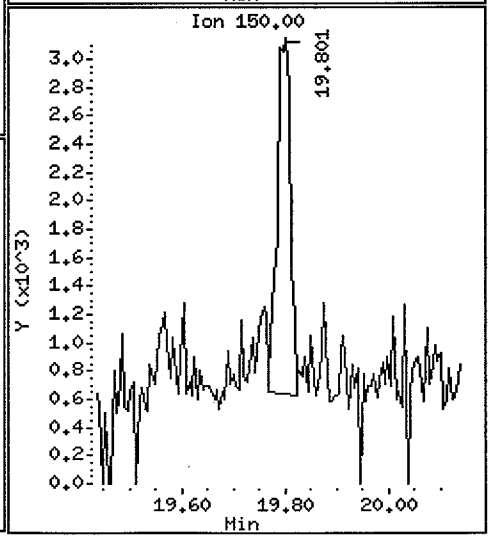












Data File: /chem1/nt6.i/20071018.b/lr71e.d

Date : 18-OCT-2007 16:55

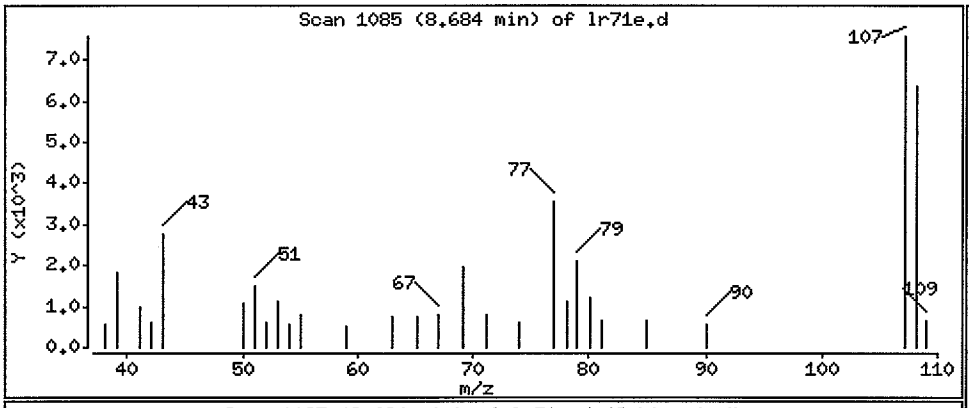
Client ID: AN-SS-10-070928 Instrument: nt6.i

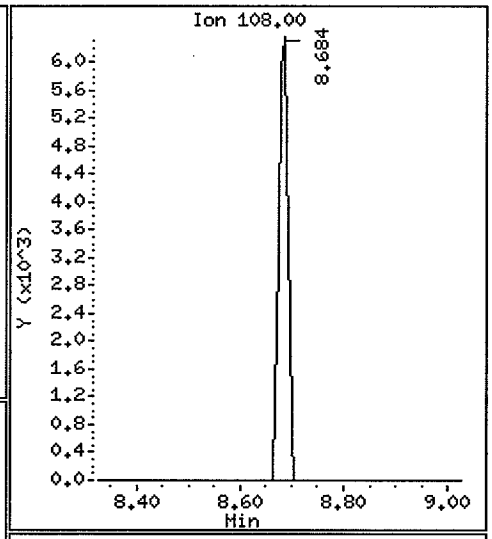
Sample Info: LR71E

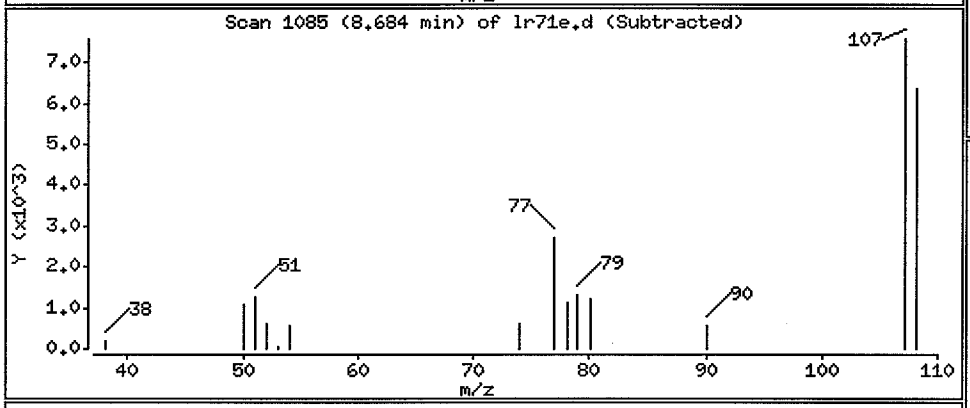
Volume Injected (uL): 1.0 Operator: LJR/VTS

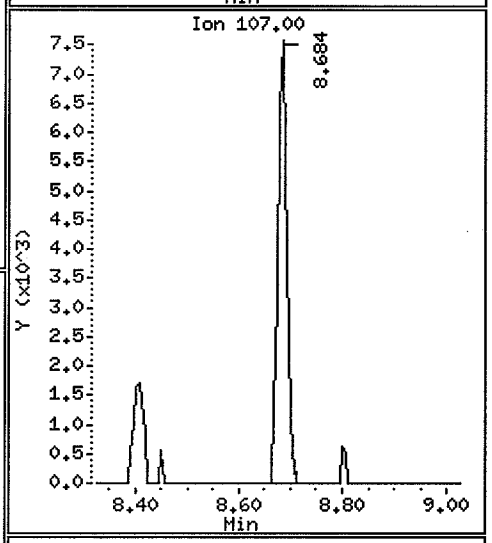
Column phase: ZB-5 Column diameter: 0.32

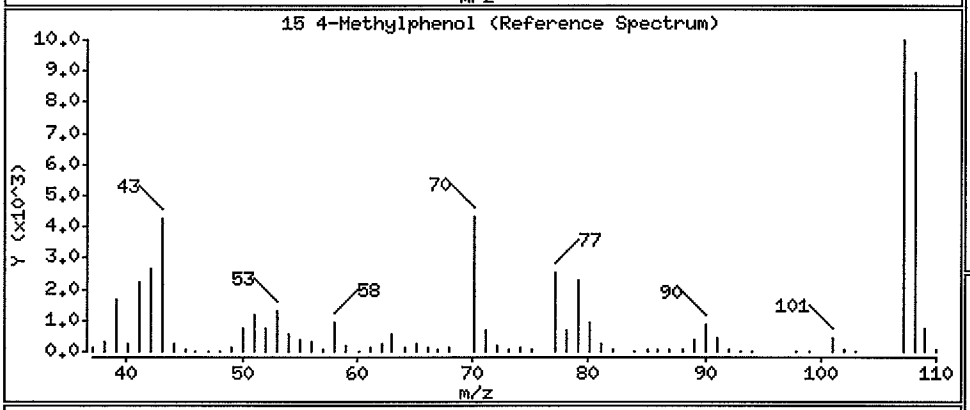
15 4-Methylphenol Concentration: 11.20 ug/kg

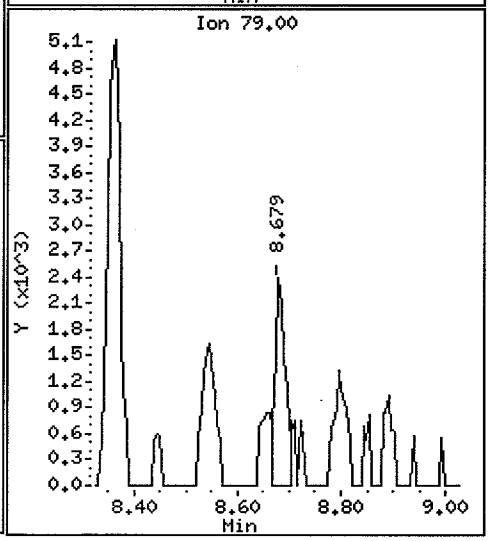


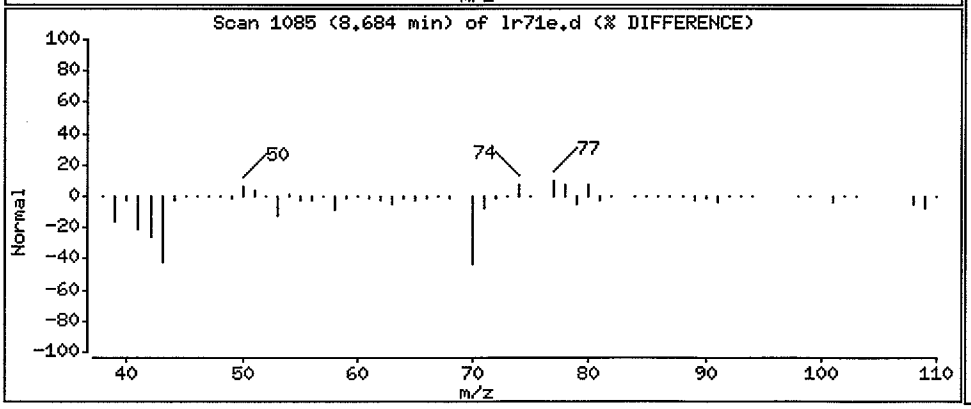












Data File: /chem1/nt6.i/20071018.b/lr71e.d

Date : 18-OCT-2007 16:55

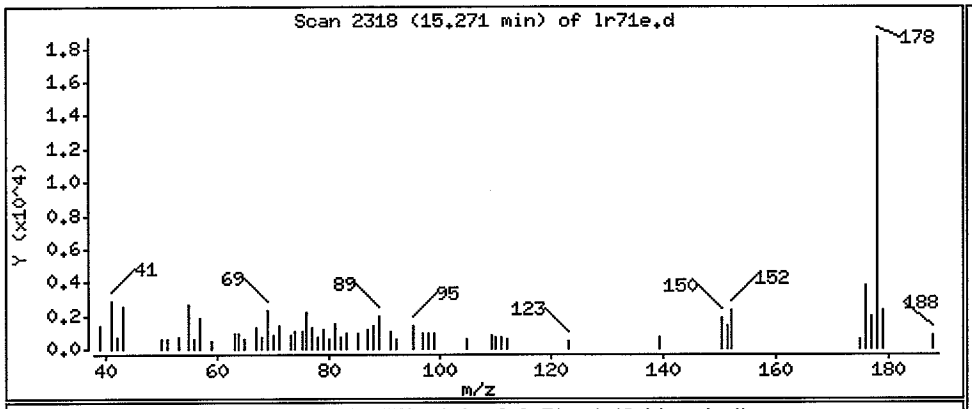
Client ID: AN-SS-10-070928 Instrument: nt6.i

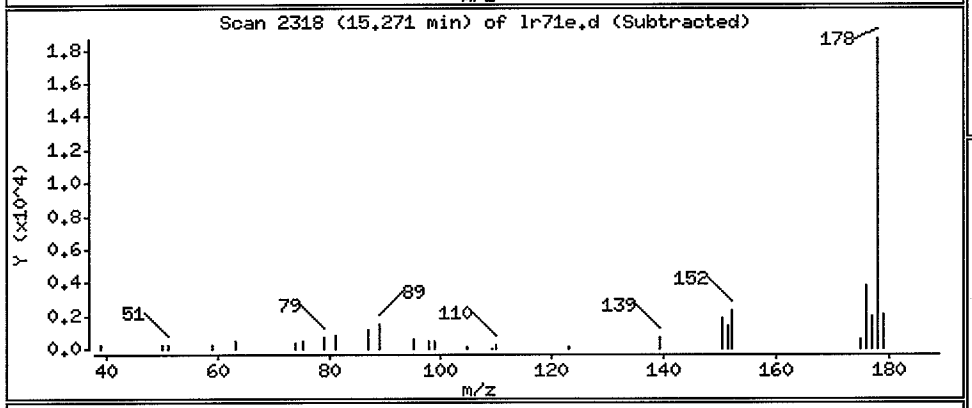
Sample Info: LR71E

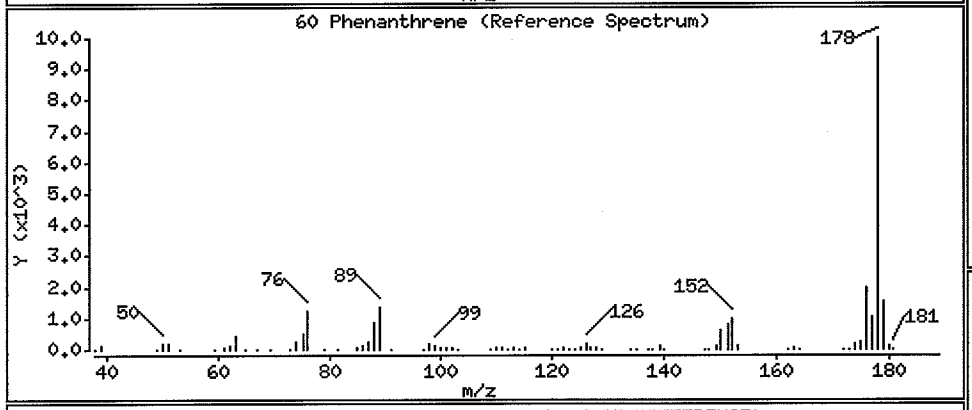
Volume Injected (uL): 1.0 Operator: LJR/VTS

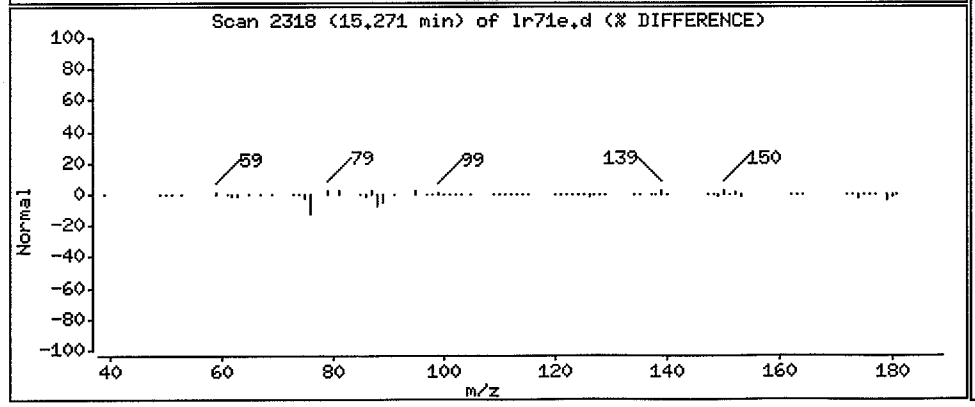
Column phase: ZB-5 Column diameter: 0.32

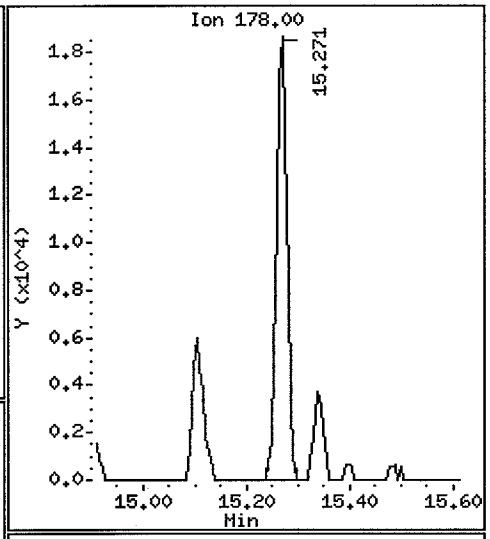
60 Phenanthrene Concentration: 15.86 ug/kg

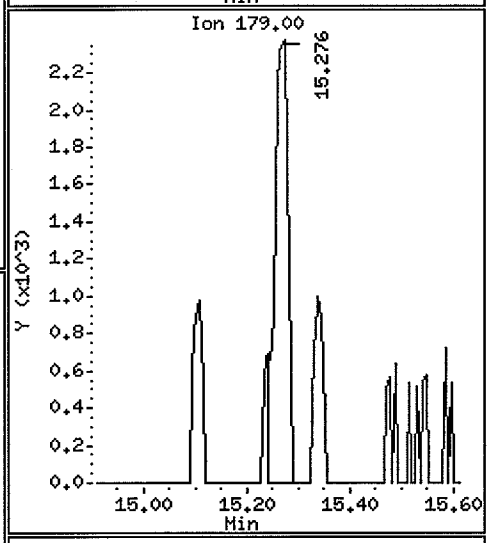


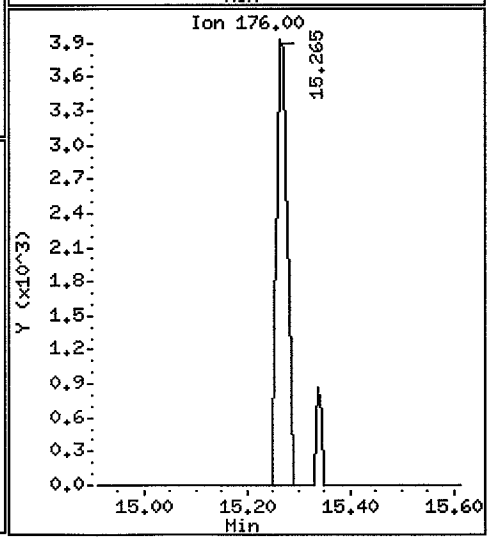












Data File: /chem1/nt6.i/20071018.b/lr71e.d

Date : 18-OCT-2007 16:55

Client ID: AN-SS-10-070928

Instrument: nt6.i

Sample Info: LR71E

Volume Injected (uL): 1.0

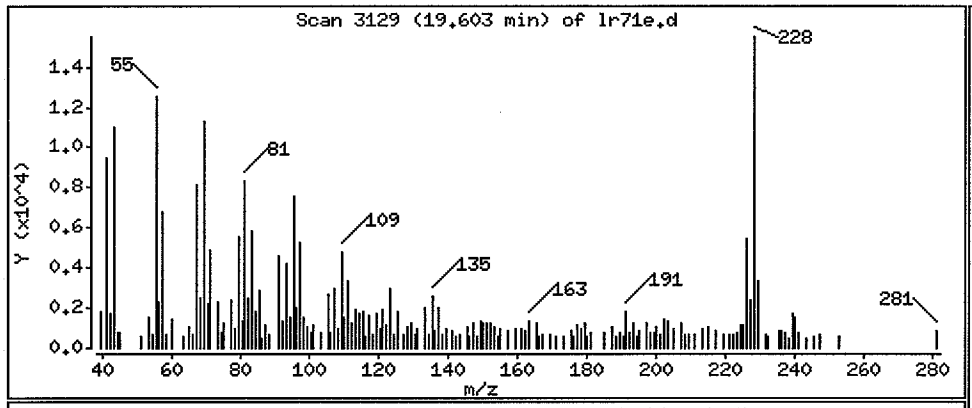
Operator: LJR/VTS

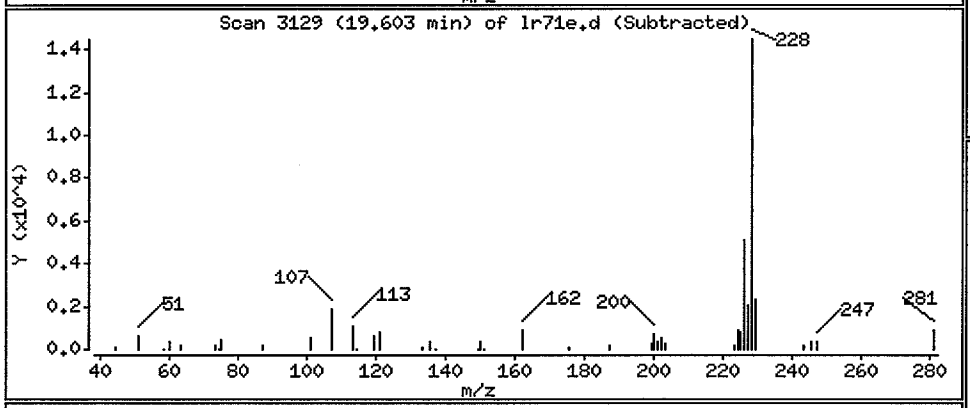
Column phase: ZB-5

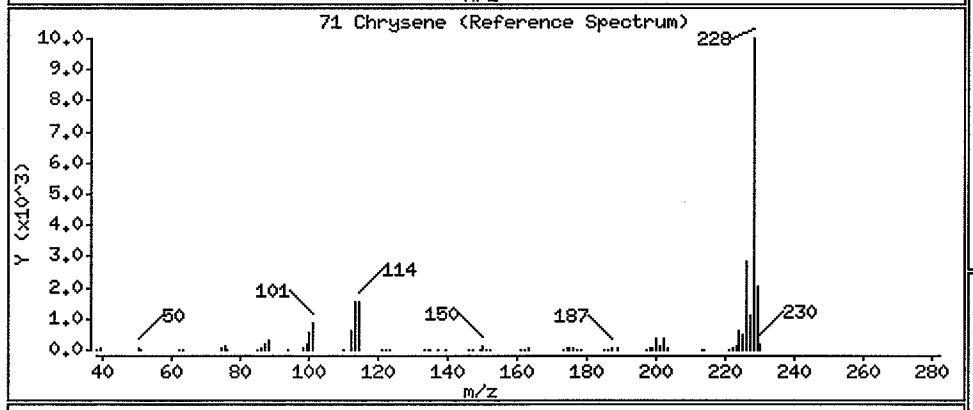
Column diameter: 0.32

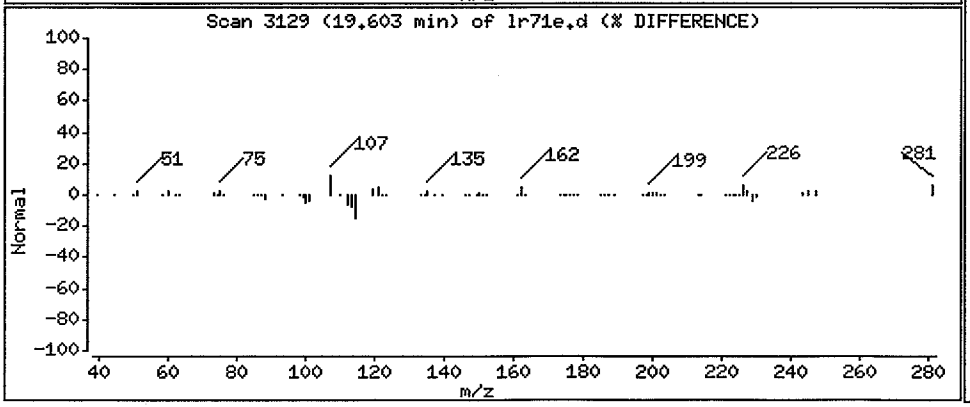
71 Chrysene

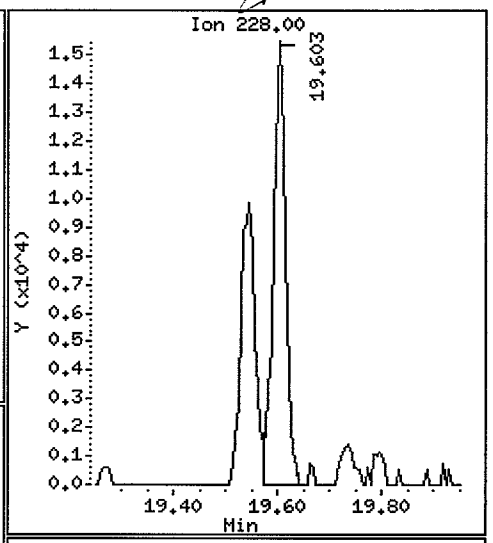
Concentration: 11.46 ug/kg

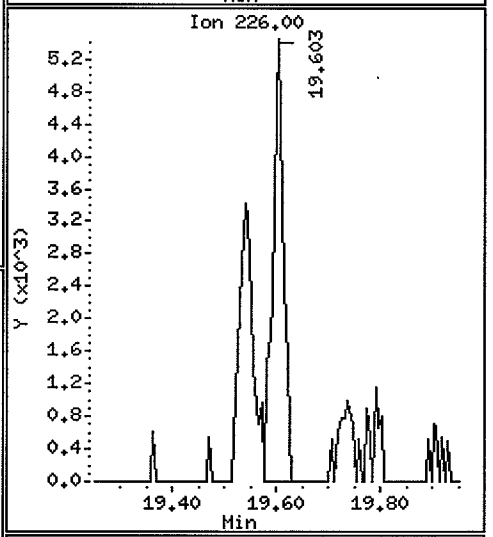


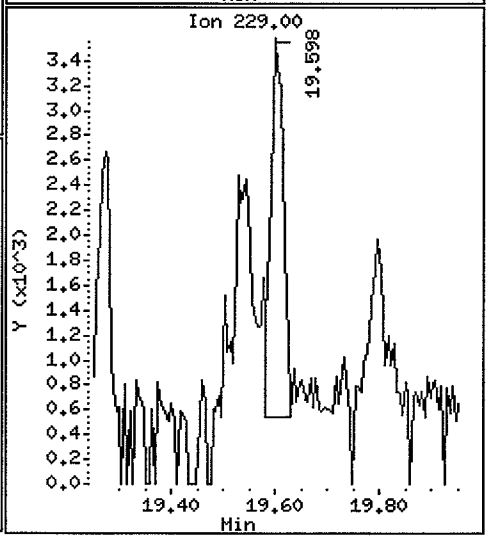












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-10-070928
REEXTRACT

Lab Sample ID: LR71E
LIMS ID: 07-23292
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 18:45
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.7 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.7%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**74**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**24**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**27**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**41**
129-00-0	**Pyrene**	**20**	**31**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**20 B**
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-10-070928**
 REEXTRACT

Lab Sample ID: LR71E QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-23292 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 18:45

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	33.0%	2-Fluorobiphenyl	33.2%
d14-p-Terphenyl	34.0%	d4-1,2-Dichlorobenzene	30.2%
d5-Phenol	32.3%	2-Fluorophenol	27.2%
2,4,6-Tribromophenol	34.1%	d4-2-Chlorophenol	32.8%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71e2.d
Lab Smp Id: LR71ERE Client Smp ID: AN-SS-10-070928
Inj Date : 01-NOV-2007 18:45
Operator : VTS Inst ID: nt4.i
Smp Info : LR71ERE
Misc Info : 07-23292
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LNR 11/2/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	65.50000	Weight of sample extracted (g)
M	22.70000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	4.829	4.748	(0.708)	143460	10.1880	201.2
$	2 Phenol-d5	99	6.507	6.489	(0.954)	190322	12.0754	238.5
	3 Phenol	94	6.523	6.505	(0.956)	69888	3.73368	73.74
$	5 2-Chlorophenol-d4	132	6.539	6.521	(0.958)	143830	12.3024	243.0
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	6.822	6.820	(1.000)	166412	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	7.121	7.114	(1.044)	56844	7.55645	149.2
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	7.693	7.686	(1.128)	15575	1.23745	24.44
$	18 Nitrobenzene-d5	82	7.773	7.771	(0.876)	131689	8.25135	163.0
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.868	8.872	(1.000)	605024	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.674	10.677	(0.914)	182346	8.29882	163.9(R)
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.683	11.682	(1.000)	318217	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	12.581	12.585	(1.077)	12018	0.54123 LDL	10.69
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.960	12.953	(1.109)	35070	12.8023	252.9
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.002	14.000	(1.000)	442973	20.0000	
	60 Phenanthrene	178	14.034	14.032	(1.002)	42424	1.38574	27.37
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	15.925	15.923	(1.137)	68491	2.06638	40.81
	65 Pyrene	202	16.261	16.260	(0.892)	58429	1.55828	30.78
$	66 Terphenyl-d14	244	16.641	16.634	(0.913)	184131	8.50642	168.0
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	18.195	18.199	(0.999)	18778	0.54002 LDL	10.67
*	69 Chrysene-d12	240	18.222	18.221	(1.000)	467873	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	18.254	18.258	(1.002)	24197	0.70741 LDL	13.97
	72 bis(2-Ethylhexyl)phthalate	149	18.585	18.578	(0.953)	20490	1.00858 (B)	19.92
*	134 Di-n-octylphthalate-d4	153	19.504	19.503	(1.000)	644799	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	Compound Not Detected.					
	75 Benzo(k)fluoranthene	252	Compound Not Detected.					
	76 Benzo(a)pyrene	252	Compound Not Detected.					
*	77 Perylene-d12	264	20.332	20.325	(1.000)	492457	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71e2.d
Lab Smp Id: LR71ERE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-23292

Calibration Date: 01-NOV-2007
Calibration Time: 14:35
Client Smp ID: AN-SS-10-070928
Level: LOW
Sample Type: Sediment

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	166412	14.46
27 Naphthalene-d8	530525	265262	1061050	605024	14.04
42 Acenaphthene-d10	280701	140350	561402	318217	13.37
59 Phenanthrene-d10	391934	195967	783868	442973	13.02
69 Chrysene-d12	354658	177329	709316	467873	31.92
134 Di-n-octylphthala	506314	253157	1012628	644799	27.35
77 Perylene-d12	400782	200391	801564	492457	22.87

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.82	0.02
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.04
42 Acenaphthene-d10	11.68	11.18	12.18	11.68	0.01
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	0.01
69 Chrysene-d12	18.22	17.72	18.72	18.22	0.01
134 Di-n-octylphthala	19.50	19.00	20.00	19.50	0.01
77 Perylene-d12	20.33	19.83	20.83	20.33	0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: /chem3/nt4.i/20071101.b/lr71e2.d
Report Date: 02-Nov-2007 11:41

Analytical Resources, Inc.

RECOVERY REPORT

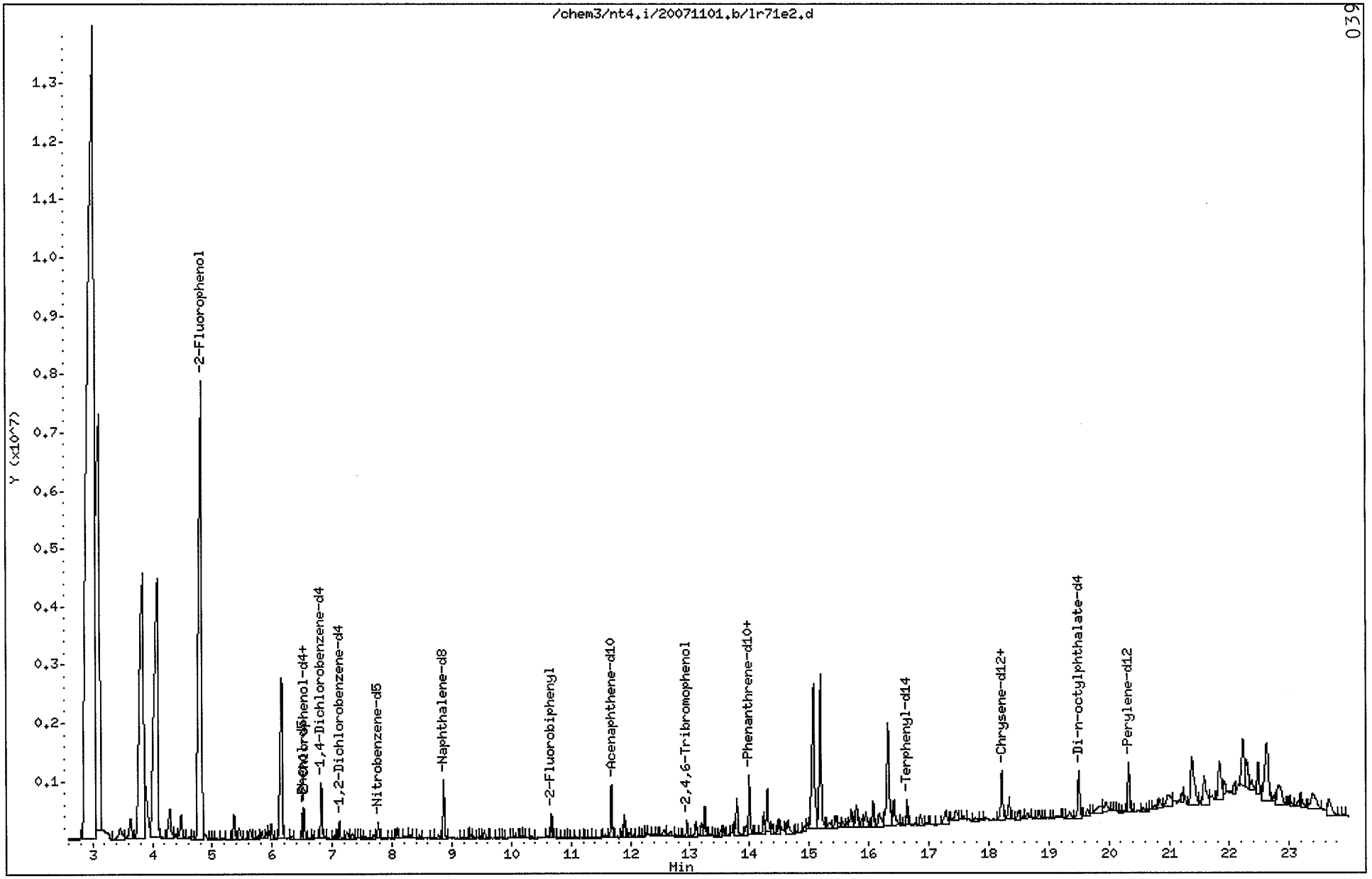
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71ERE
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info: 07-23292

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-10-070928
Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	740.6	201.2	27.17	11-84
$ 2 Phenol-d5	740.6	238.5	32.20	25-86
$ 5 2-Chlorophenol-d4	740.6	243.0	32.81	23-91
$ 10 1,2-Dichlorobenzen	493.8	149.2	30.23	24-90
$ 18 Nitrobenzene-d5	493.8	163.0	33.01	26-88
$ 36 2-Fluorobiphenyl	493.8	163.9	33.20 *	34-91
$ 55 2,4,6-Tribromophen	740.6	252.9	34.14	25-107
$ 66 Terphenyl-d14	493.8	168.0	34.03	22-100

Data File: /chem3/nt4.i/20071101.b/lr71e2.d
Date : 01-NOV-2007 18:45
Client ID: AN-SS-10-070928
Sample Info: LR71ERE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt4.i/20071101.b/lr71e2.d

Date : 01-NOV-2007 18:45

Client ID: AN-SS-10-070928

Instrument: nt4.i

Sample Info: LR71ERE

Volume Injected (uL): 1.0

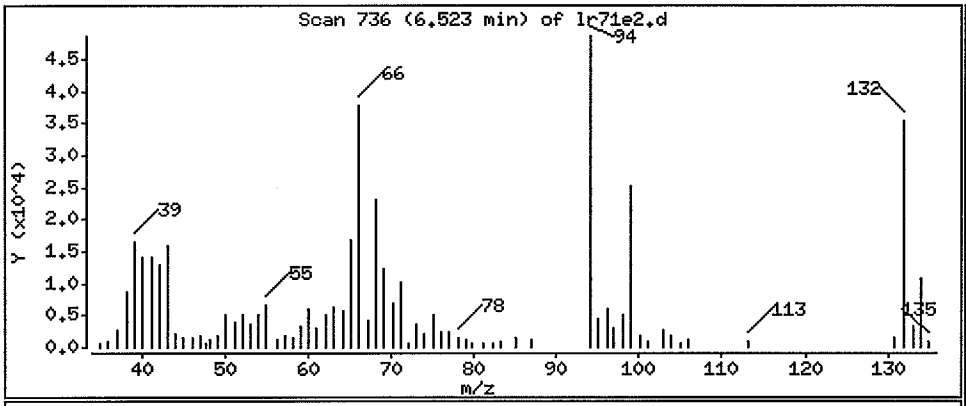
Operator: VTS

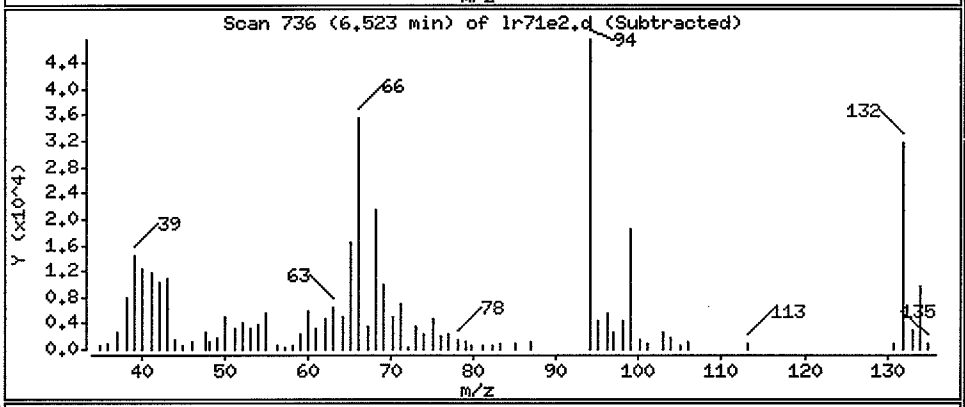
Column phase: ZB-5

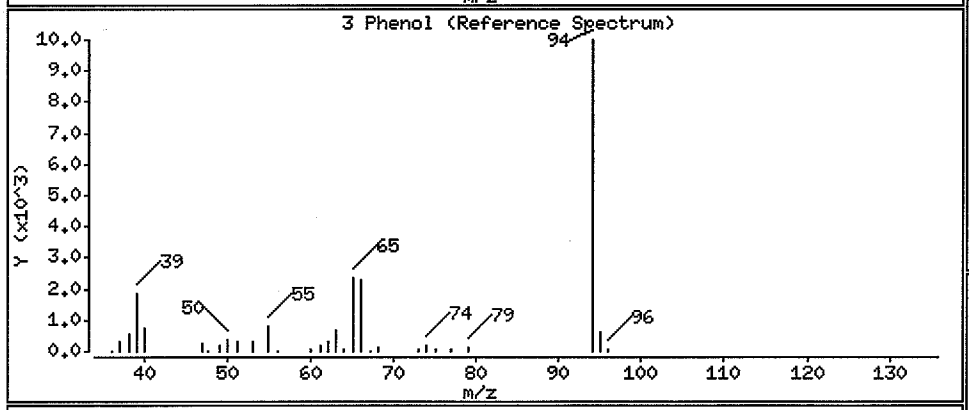
Column diameter: 0.32

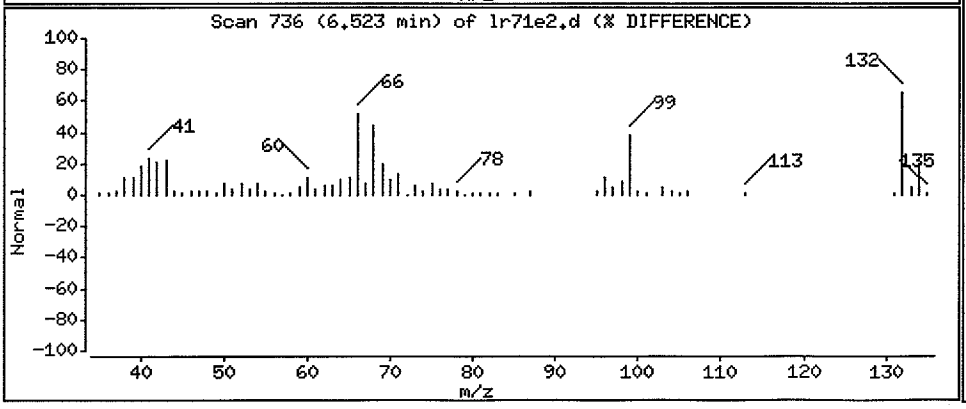
3 Phenol

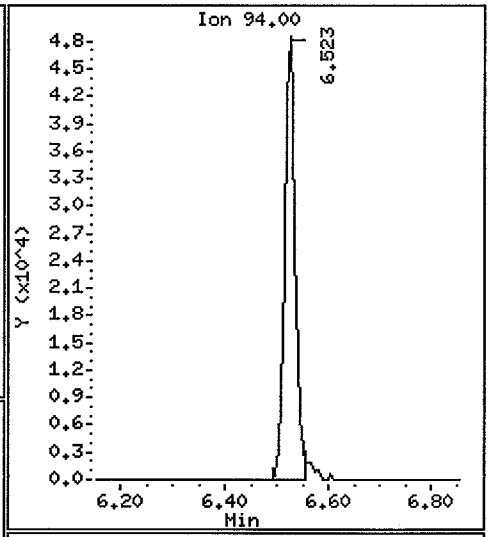
Concentration: 73.74 ug/kg

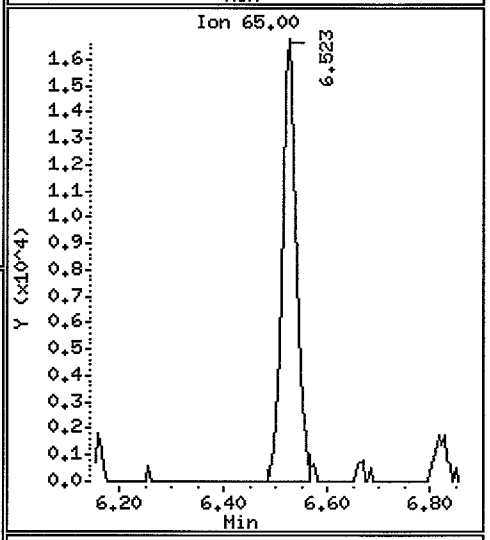


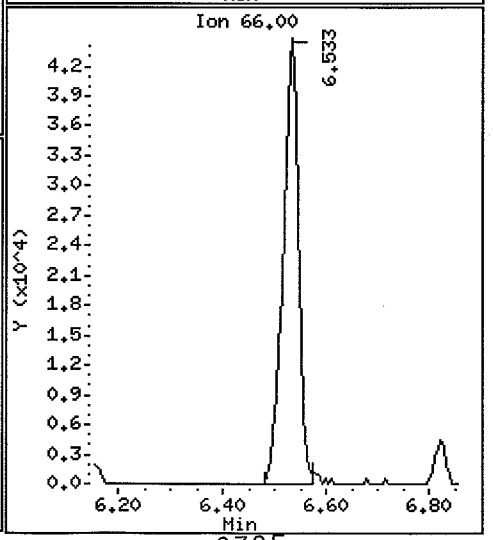












Data File: /chem3/nt4.i/20071101.b/lr71e2.d

Date : 01-NOV-2007 18:45

Client ID: AN-SS-10-070928

Instrument: nt4.i

Sample Info: LR71ERE

Volume Injected (uL): 1.0

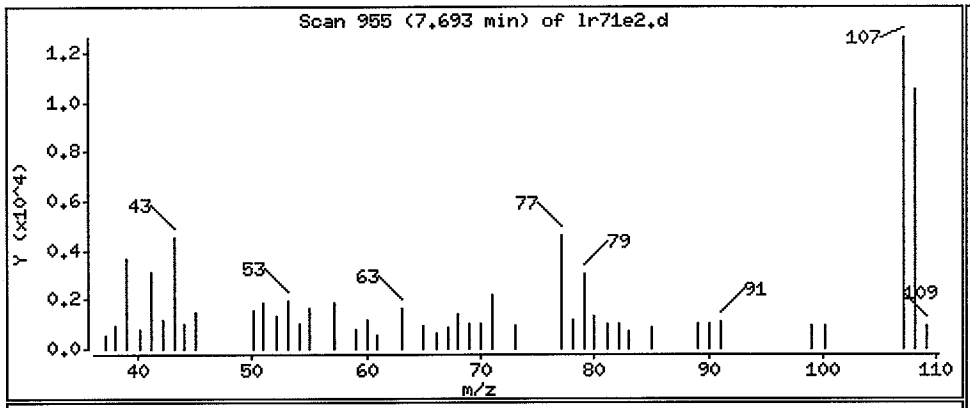
Operator: VTS

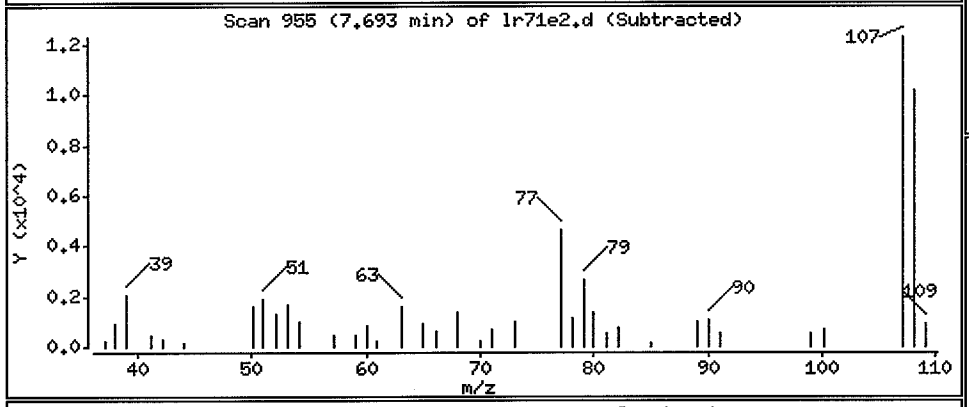
Column phase: ZB-5

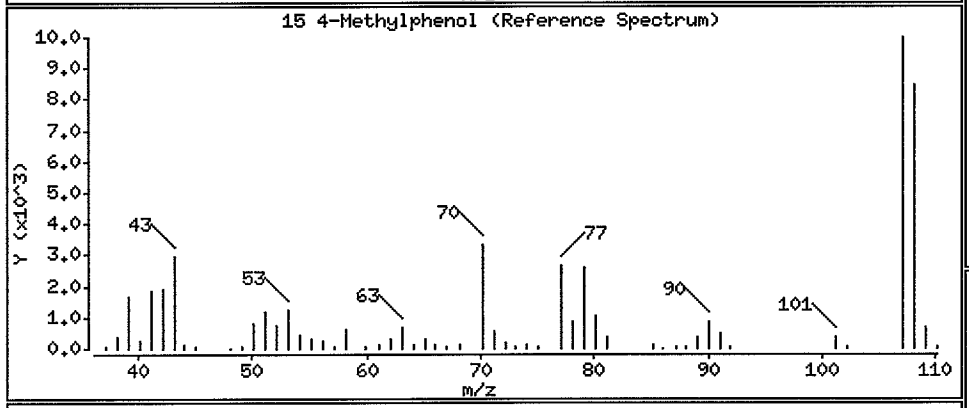
Column diameter: 0.32

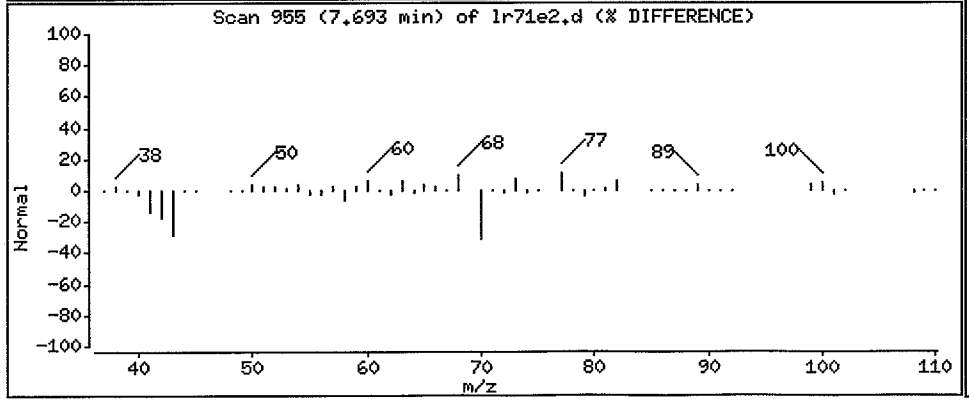
15 4-Methylphenol

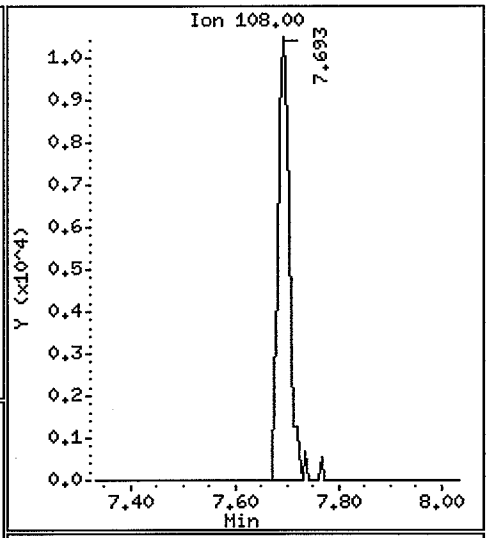
Concentration: 24.44 ug/kg

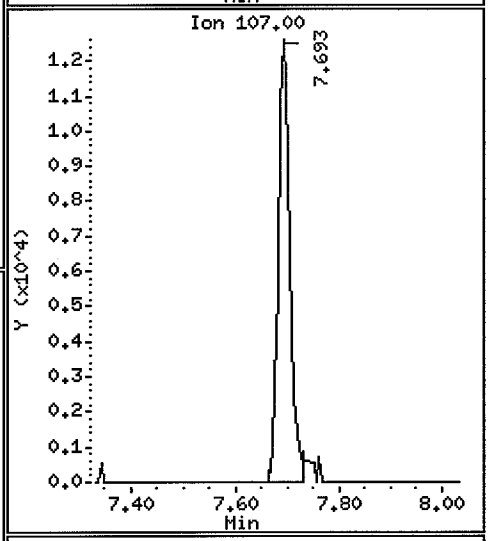


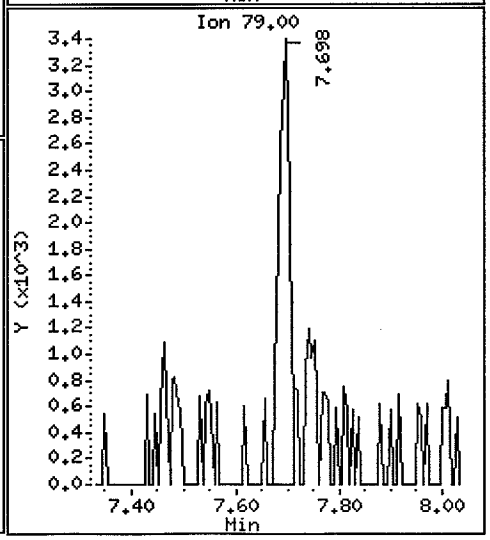












Data File: /chem3/nt4.i/20071101.b/lr71e2.d

Date : 01-NOV-2007 18:45

Client ID: AN-SS-10-070928

Instrument: nt4.i

Sample Info: LR71ERE

Volume Injected (uL): 1.0

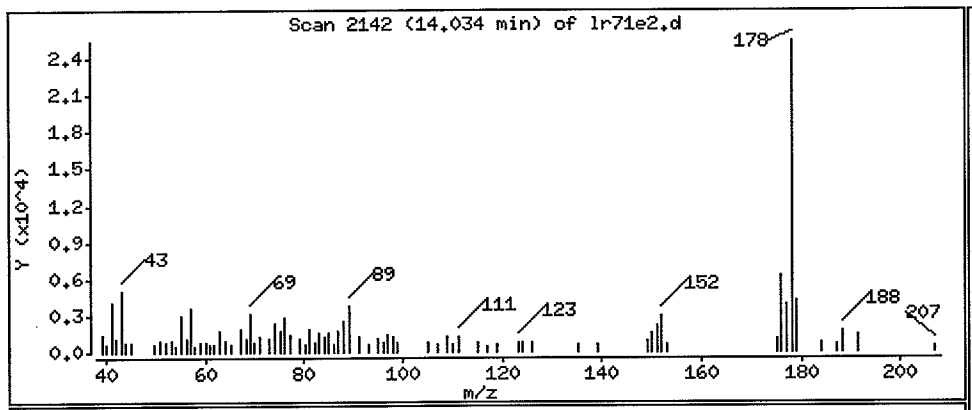
Operator: VTS

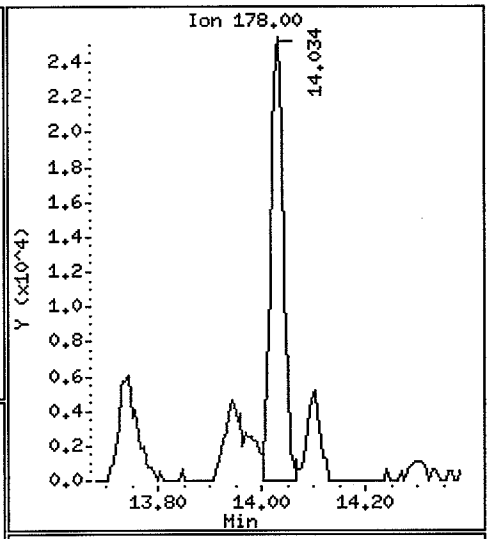
Column phase: ZB-5

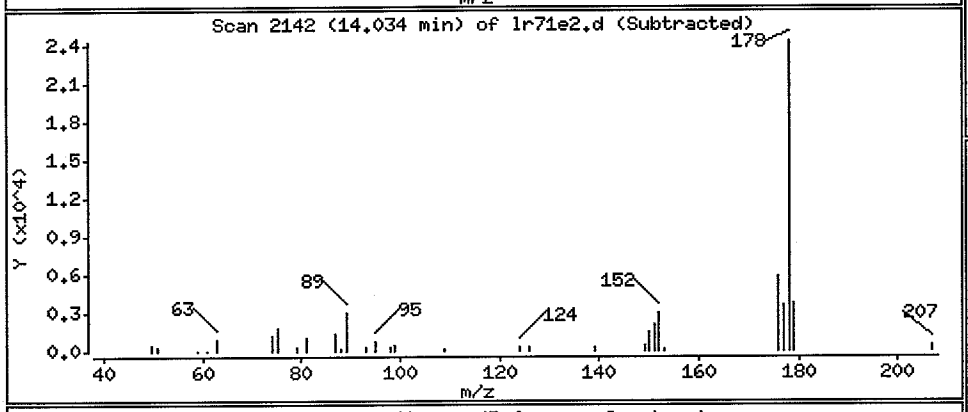
Column diameter: 0.32

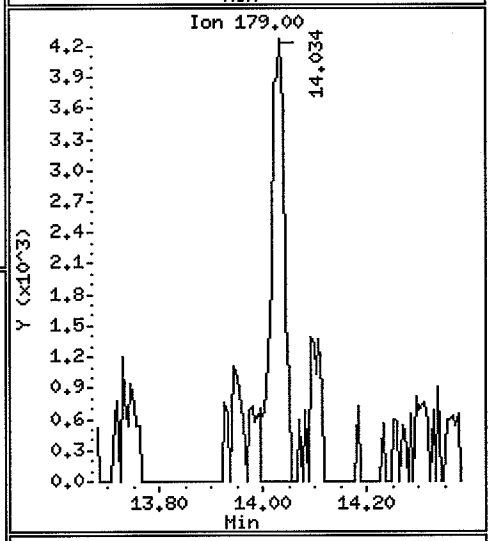
60 Phenanthrene

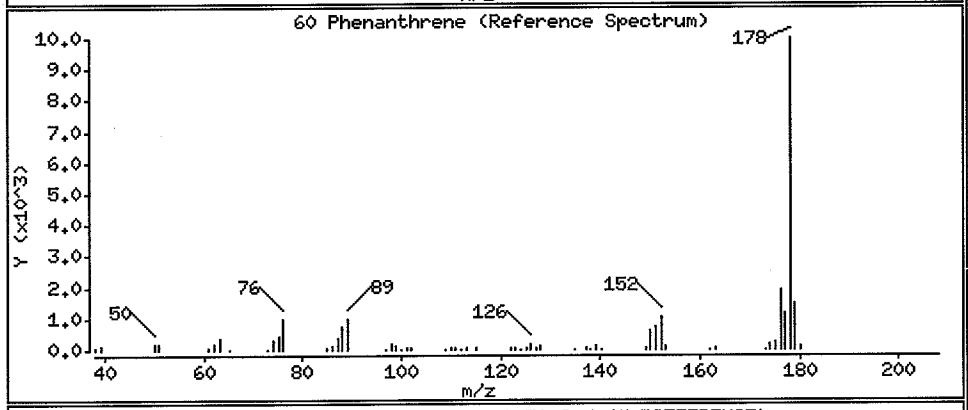
Concentration: 27.37 ug/kg

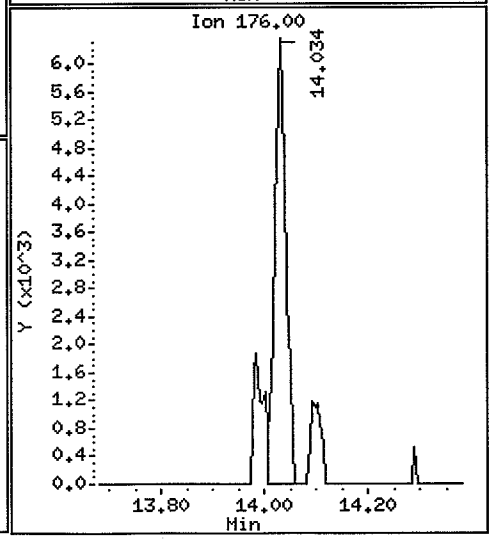


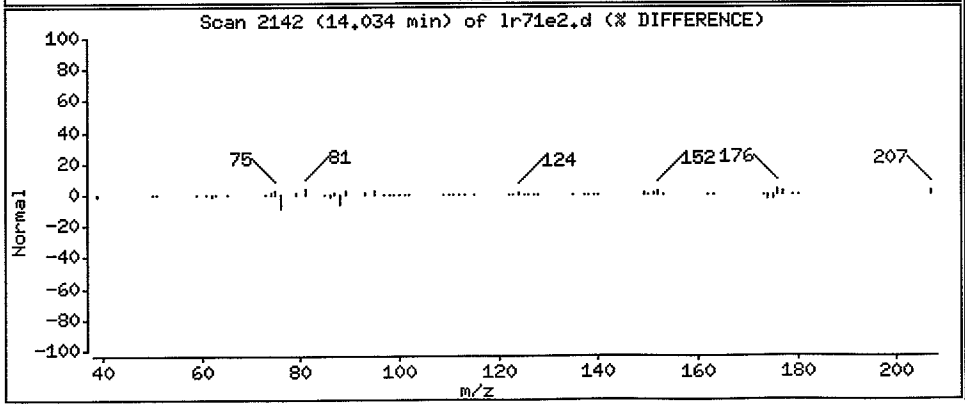












Data File: /chem3/nt4.i/20071101.b/lr71e2.d

Date : 01-NOV-2007 18:45

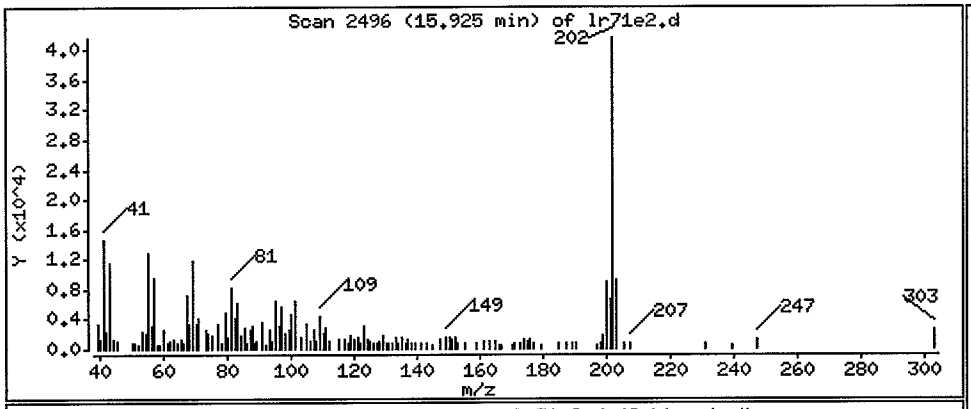
Client ID: AN-SS-10-070928 Instrument: nt4.i

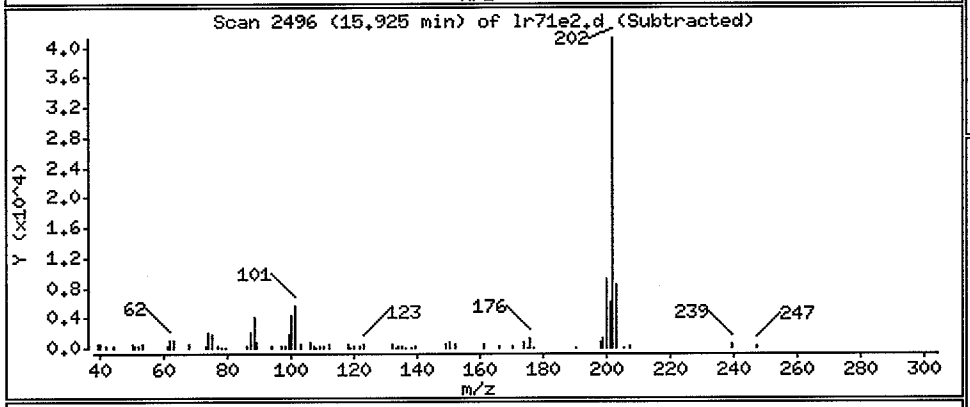
Sample Info: LR71ERE

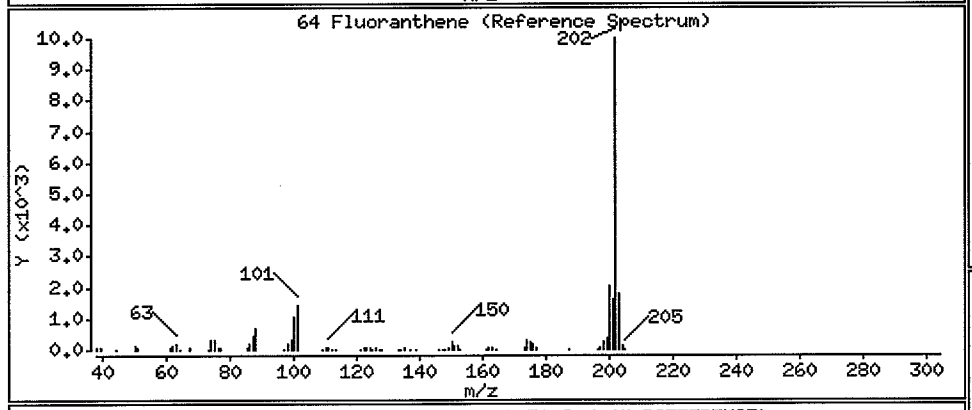
Volume Injected (uL): 1.0 Operator: VTS

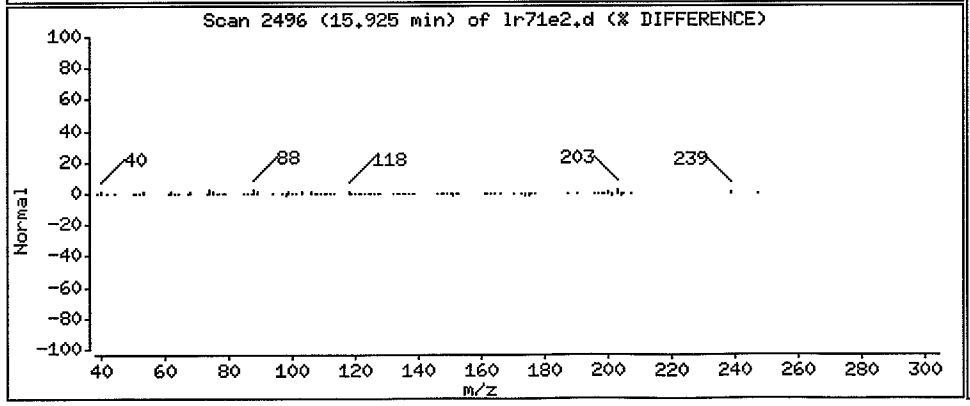
Column phase: ZB-5 Column diameter: 0.32

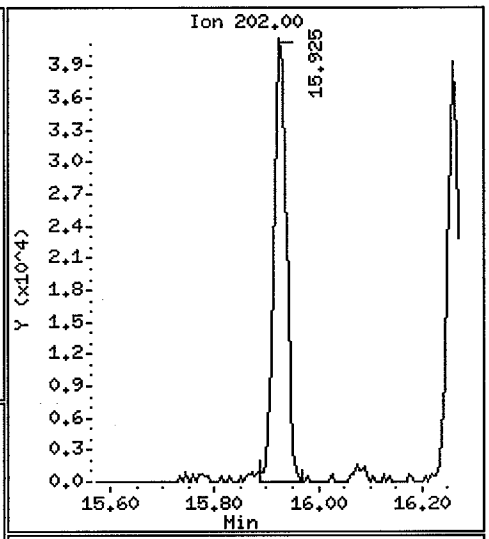
64 Fluoranthene Concentration: 40.81 ug/kg

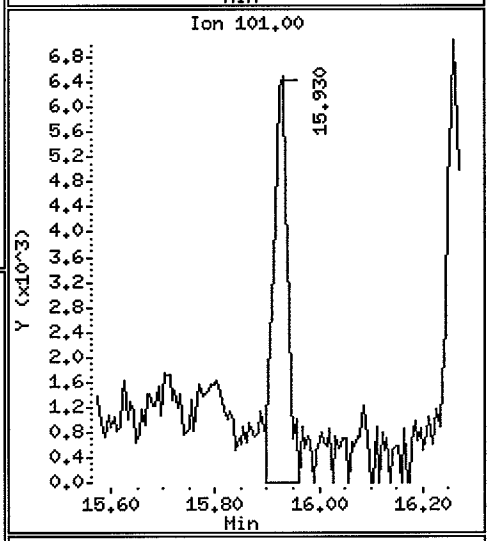


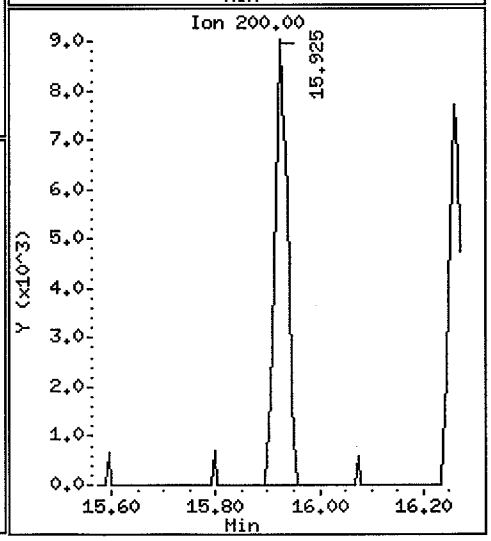












Data File: /chem3/nt4.i/20071101.b/lr71e2.d

Date : 01-NOV-2007 18:45

Client ID: AN-SS-10-070928

Instrument: nt4.i

Sample Info: LR71ERE

Volume Injected (uL): 1.0

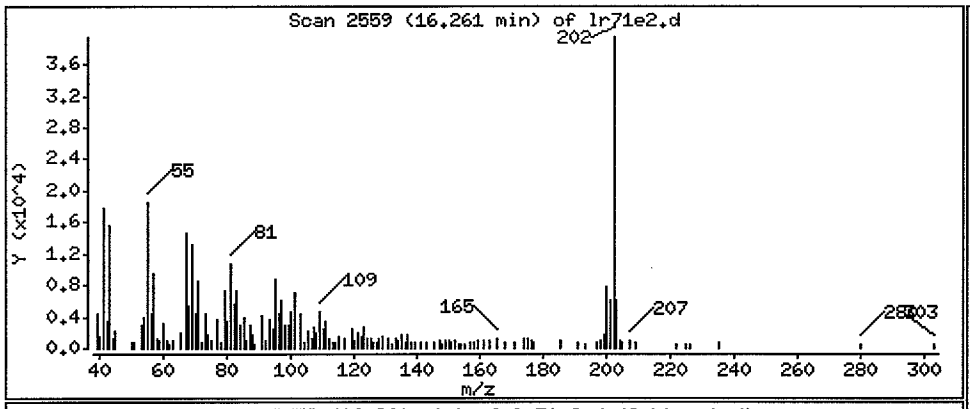
Operator: VTS

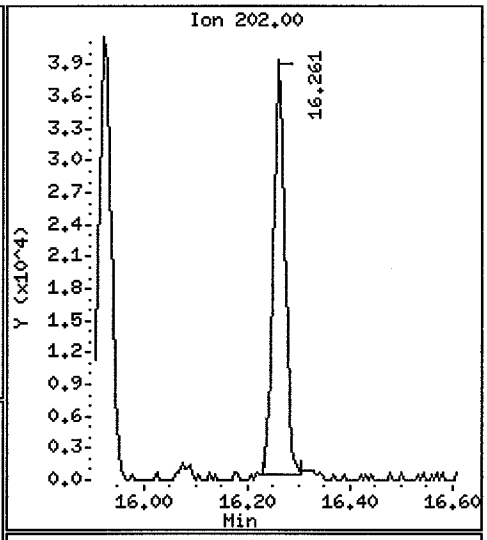
Column phase: ZB-5

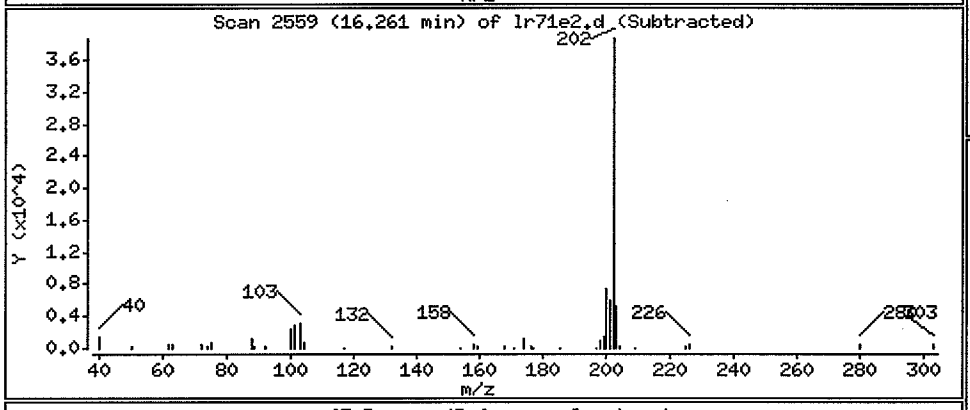
Column diameter: 0.32

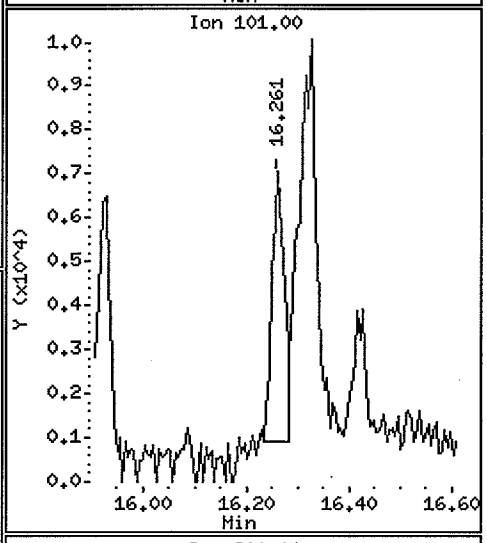
65 Pyrene

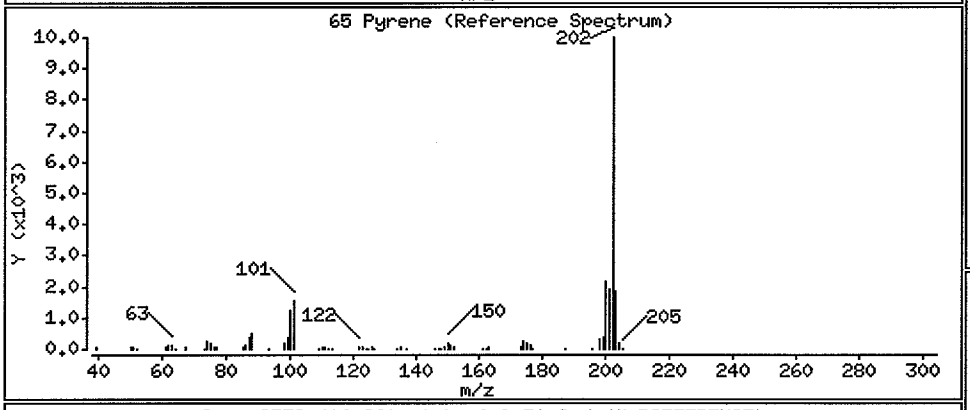
Concentration: 30.78 ug/kg

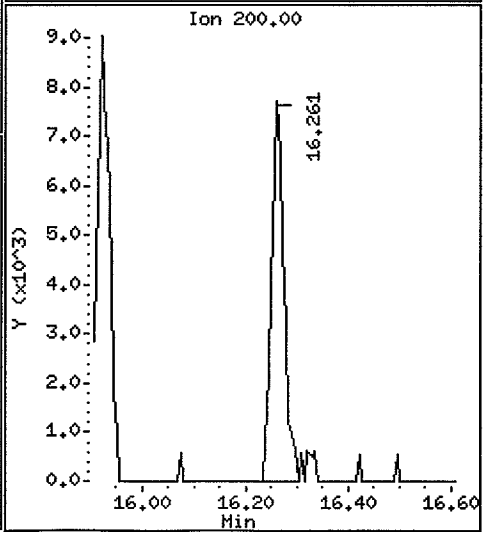


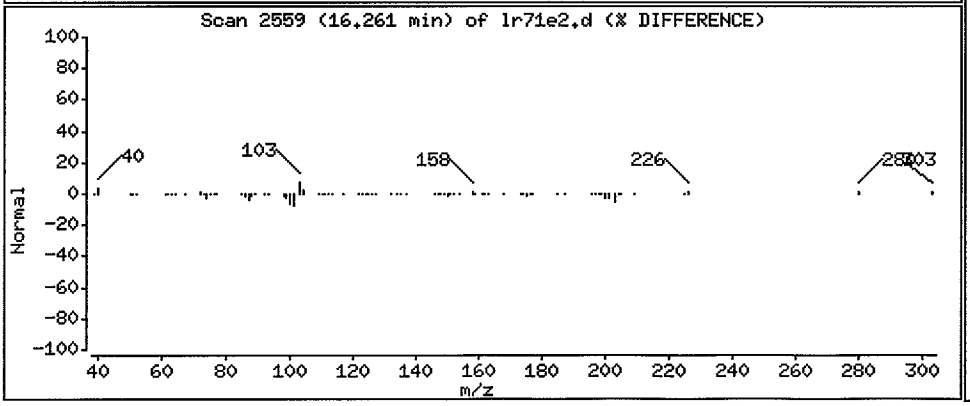












Data File: /chem3/nt4.i/20071101.b/lr71e2.d

Date : 01-NOV-2007 18:45

Client ID: AN-SS-10-070928 Instrument: nt4.i

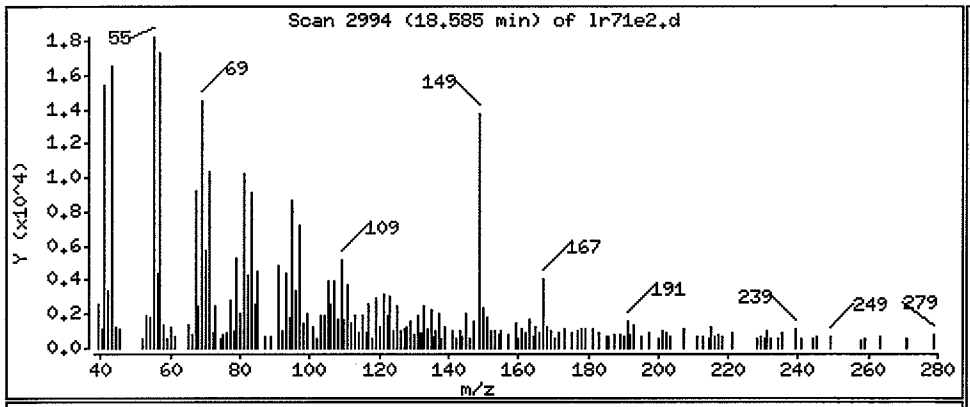
Sample Info: LR71ERE

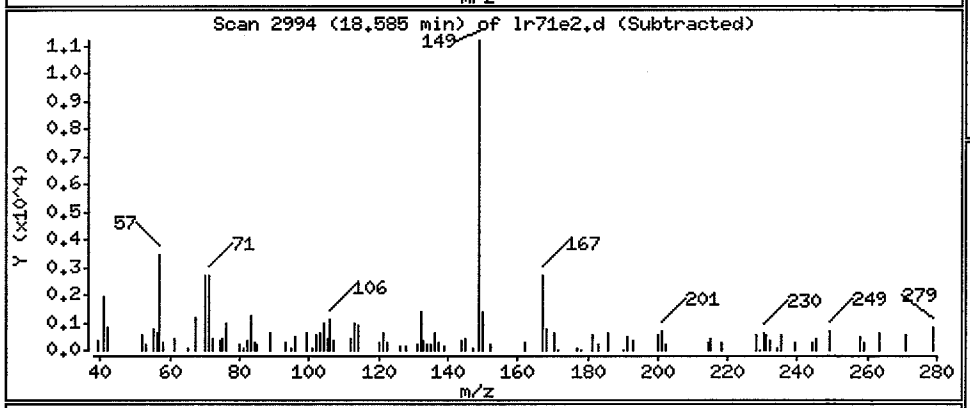
Volume Injected (uL): 1.0 Operator: VTS

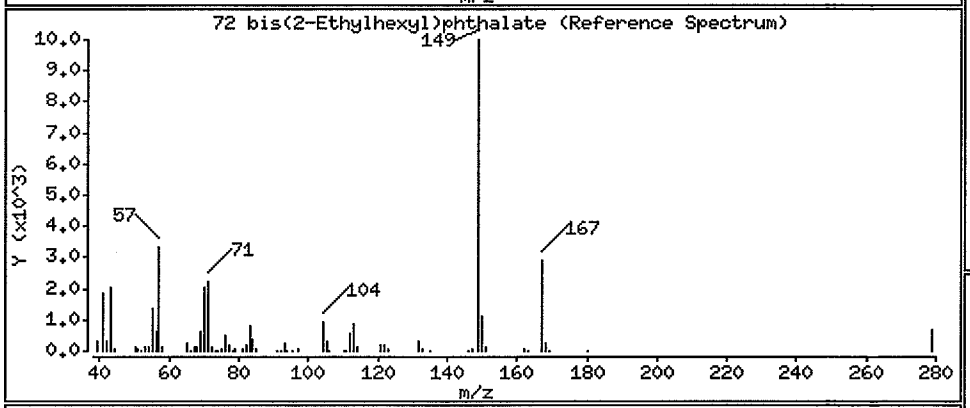
Column phase: ZB-5 Column diameter: 0.32

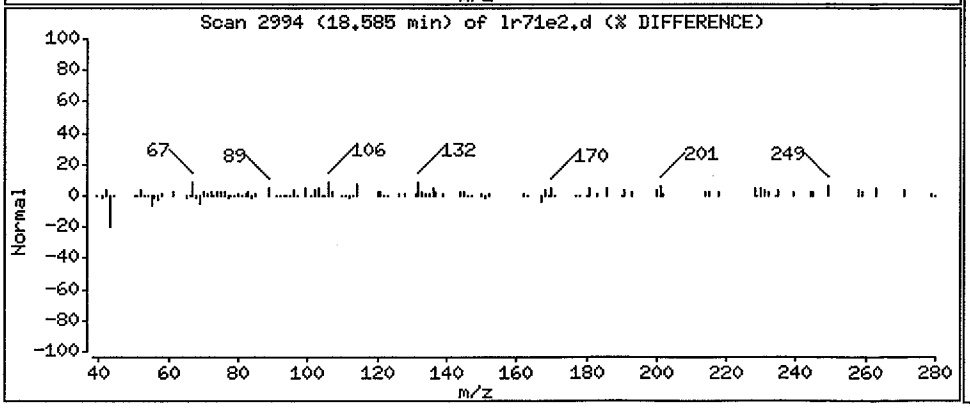
72 bis(2-Ethylhexyl)phthalate Concentration: 19.92 ug/kg

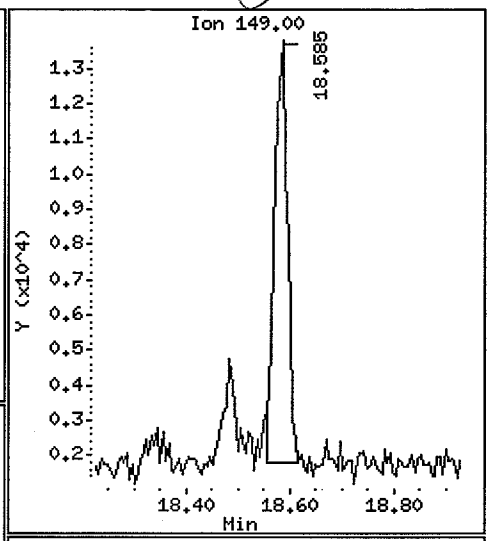
B

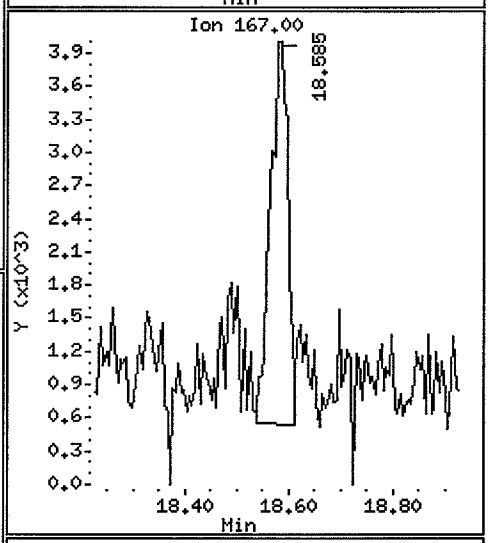


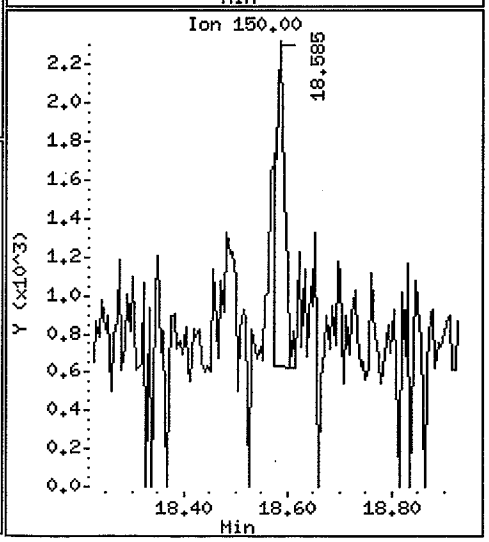












Data File: /chem3/nt4.i/20071101.b/lr71e2.d

Date : 01-NOV-2007 18:45

Client ID: AN-SS-10-070928

Instrument: nt4.i

Sample Info: LR71ERE

Volume Injected (uL): 1.0

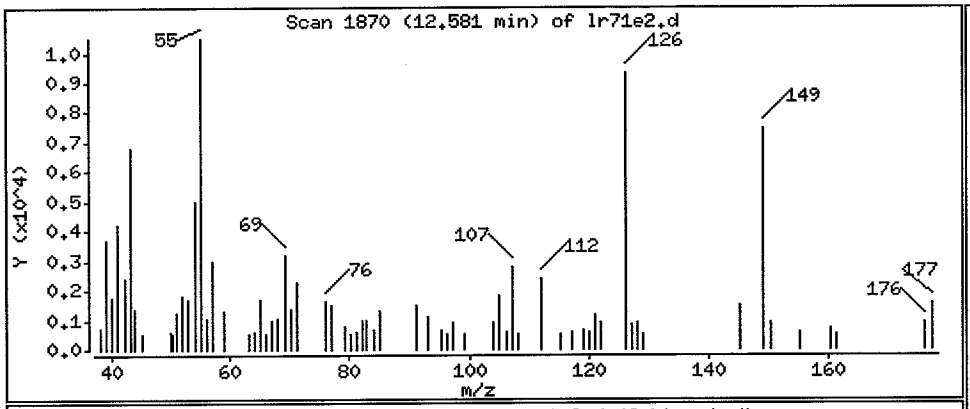
Operator: VTS

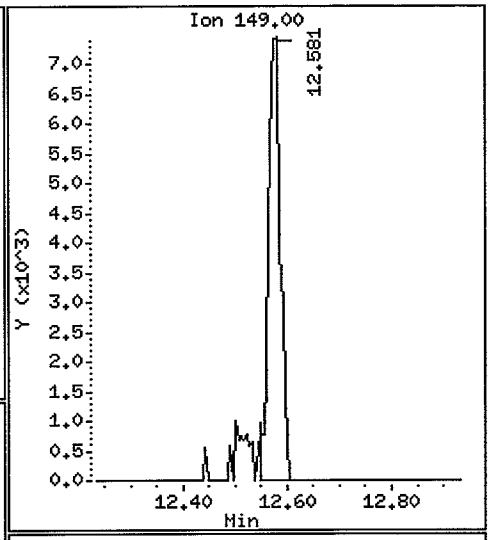
Column phase: ZB-5

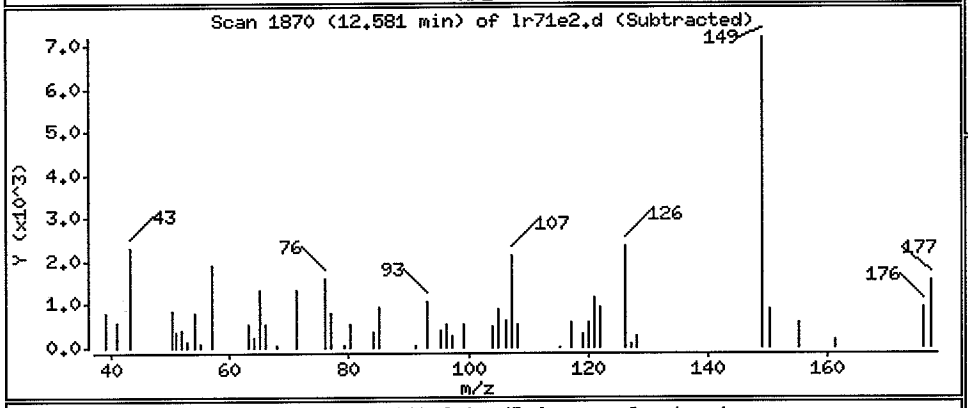
Column diameter: 0.32

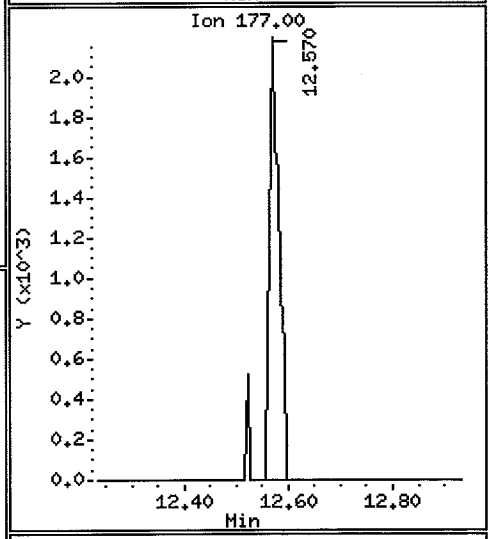
50 Diethylphthalate

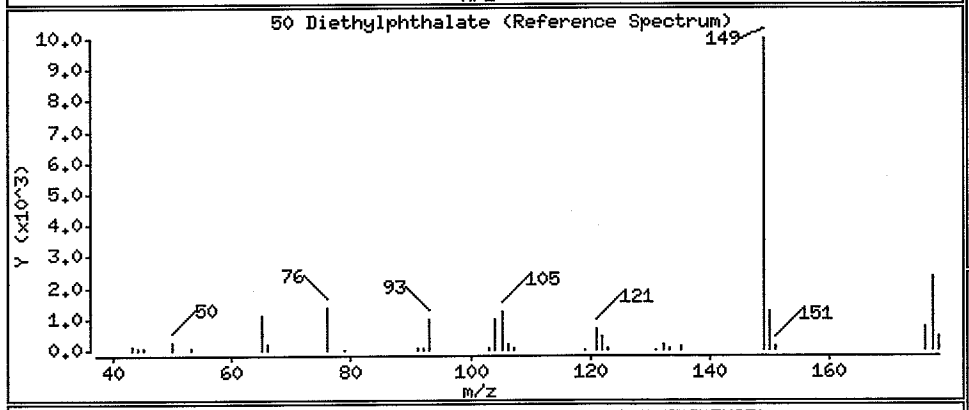
Concentration: 10.69 ug/kg

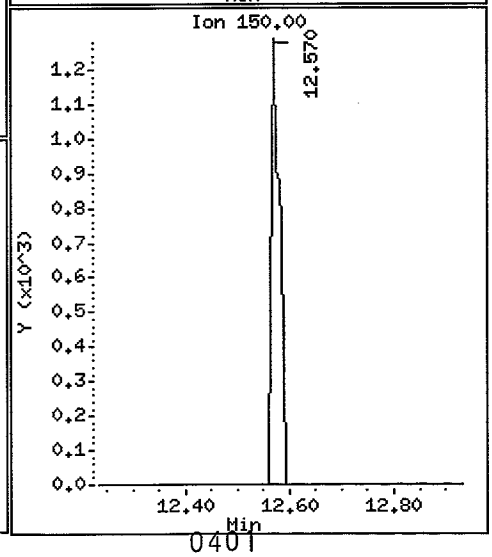


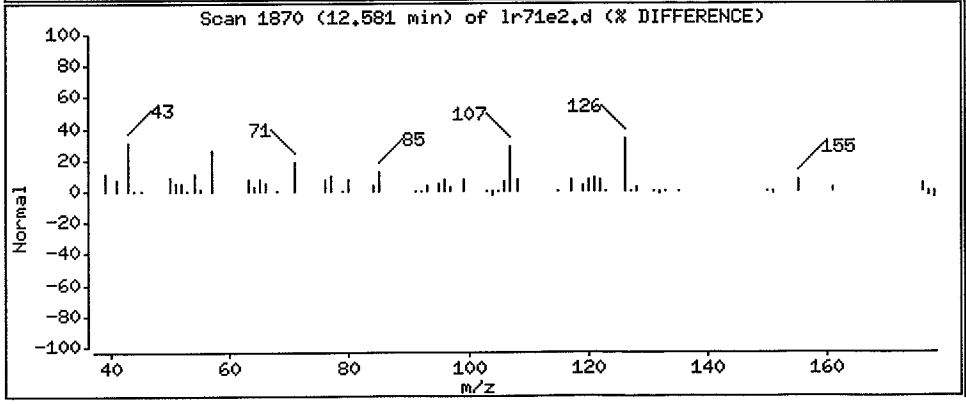












Data File: /chem3/nt4.i/20071101.b/lr71e2.d

Date : 01-NOV-2007 18:45

Client ID: AN-SS-10-070928

Instrument: nt4.i

Sample Info: LR71ERE

Volume Injected (uL): 1.0

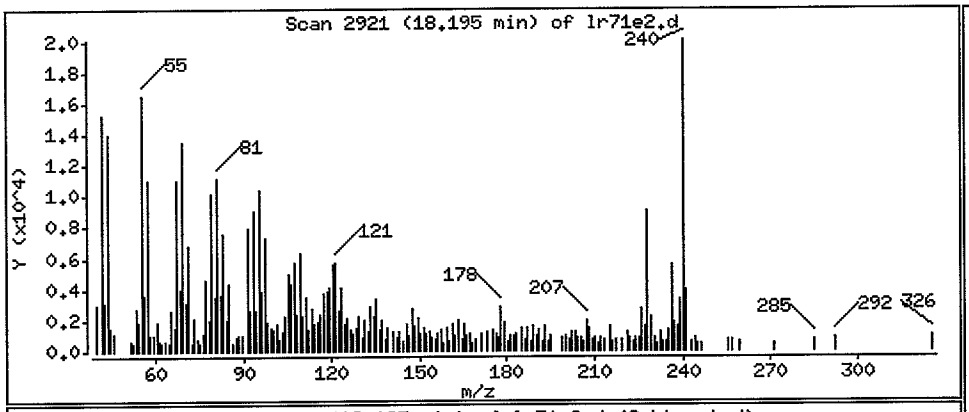
Operator: VTS

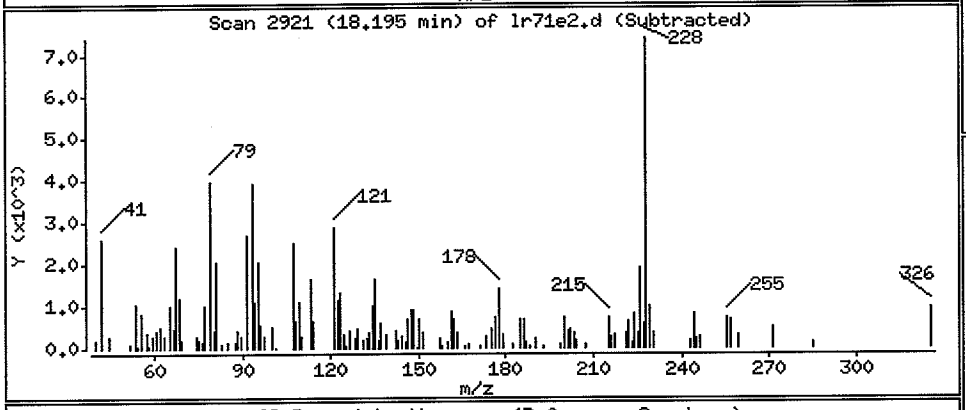
Column phase: ZB-5

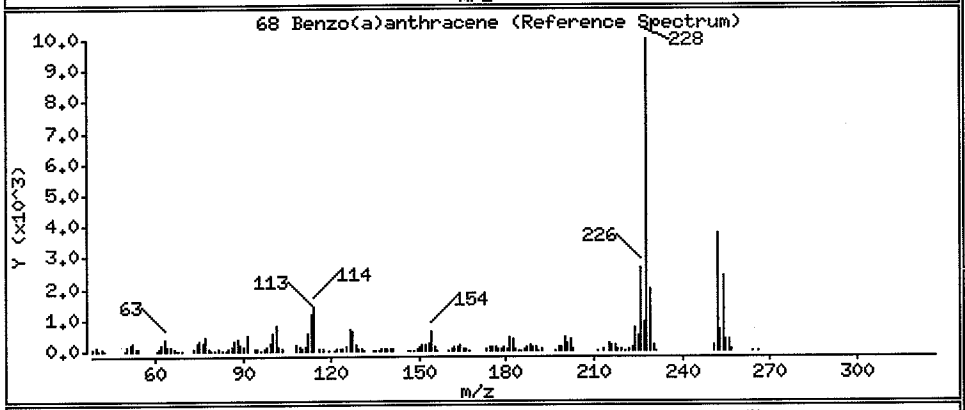
Column diameter: 0.32

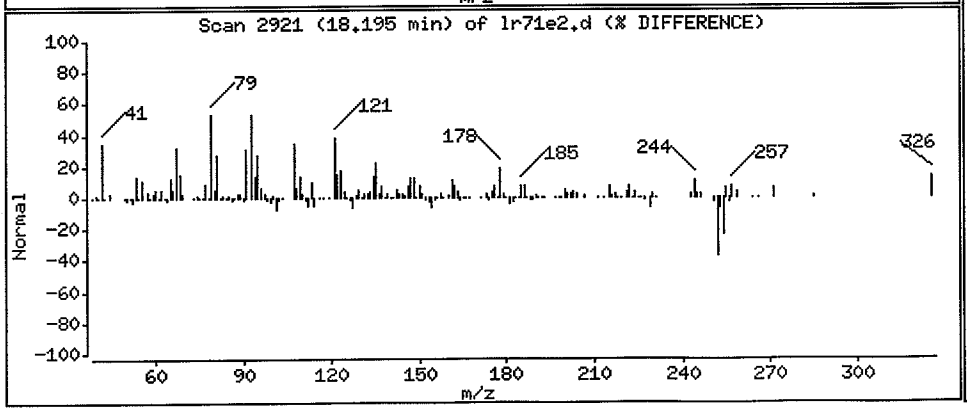
68 Benzo(a)anthracene

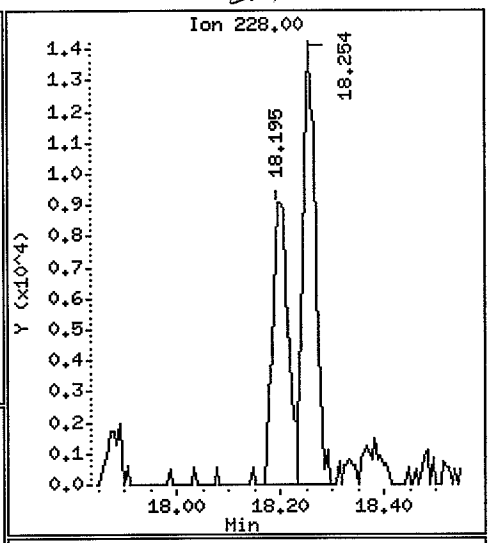
Concentration: 10.67 ug/kg

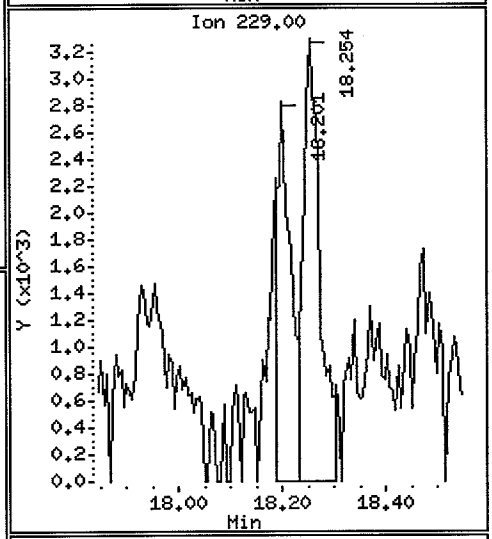


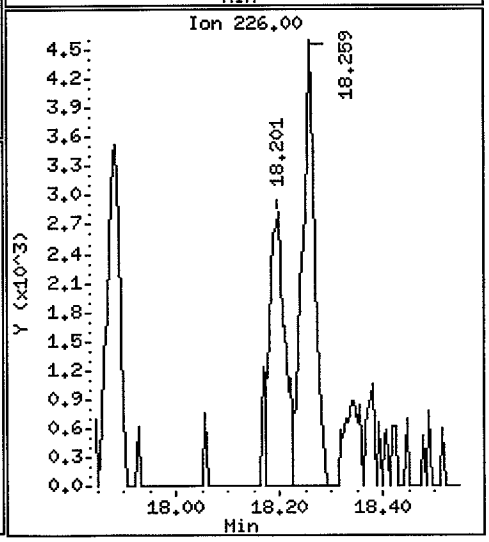












Data File: /chem3/nt4.i/20071101.b/lr71e2.d

Date : 01-NOV-2007 18:45

Client ID: AN-SS-10-070928

Instrument: nt4.i

Sample Info: LR71ERE

Volume Injected (uL): 1.0

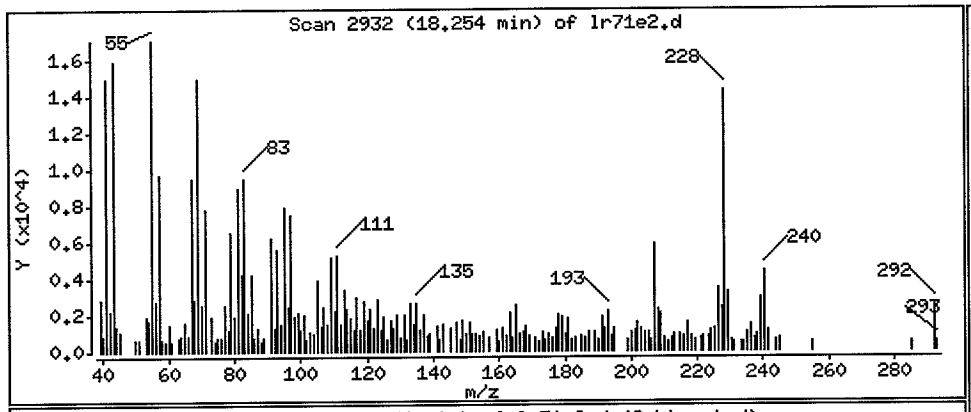
Operator: VTS

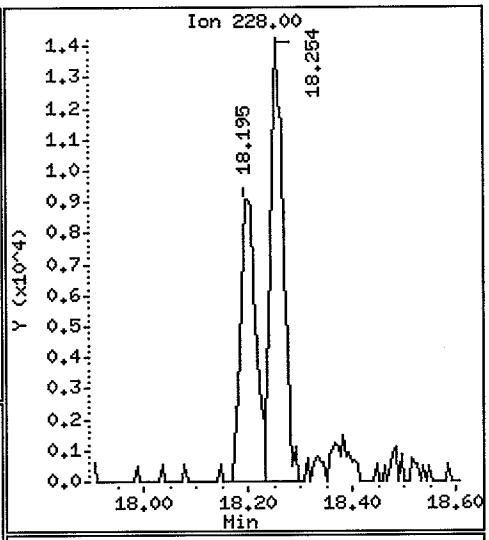
Column phase: ZB-5

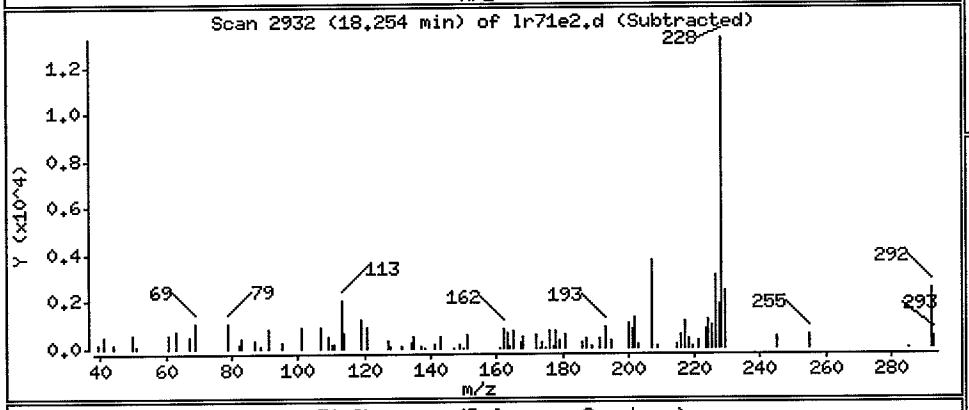
Column diameter: 0.32

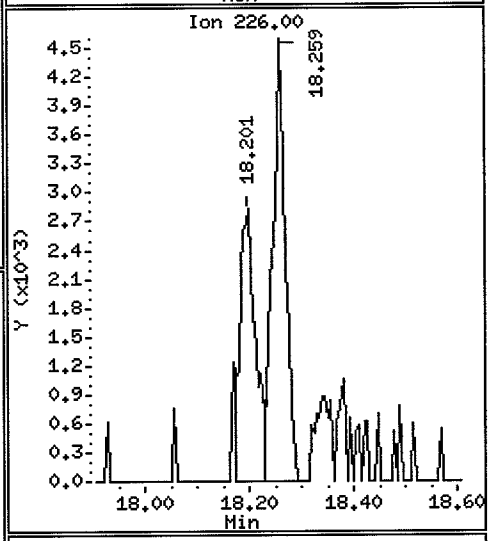
71 Chrysene

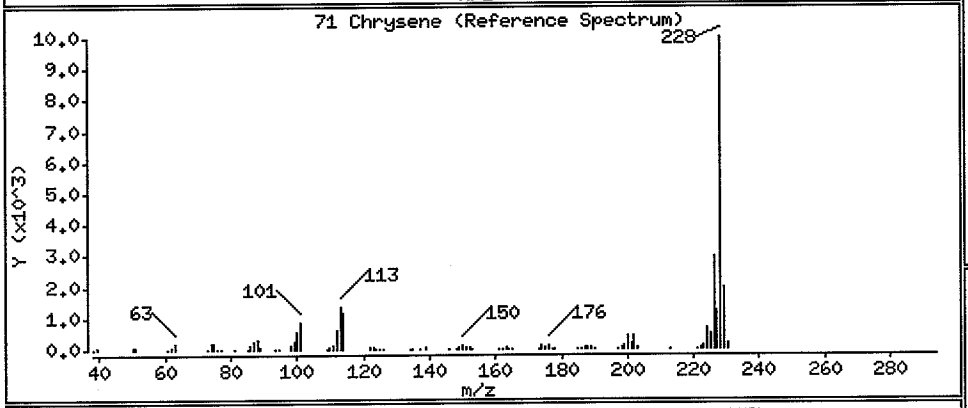
Concentration: 13.97 ug/kg

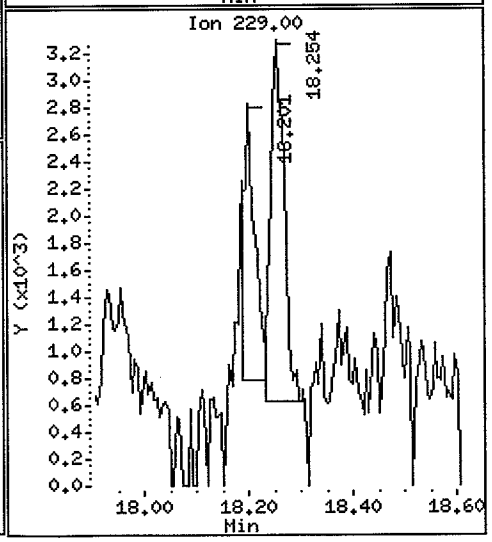


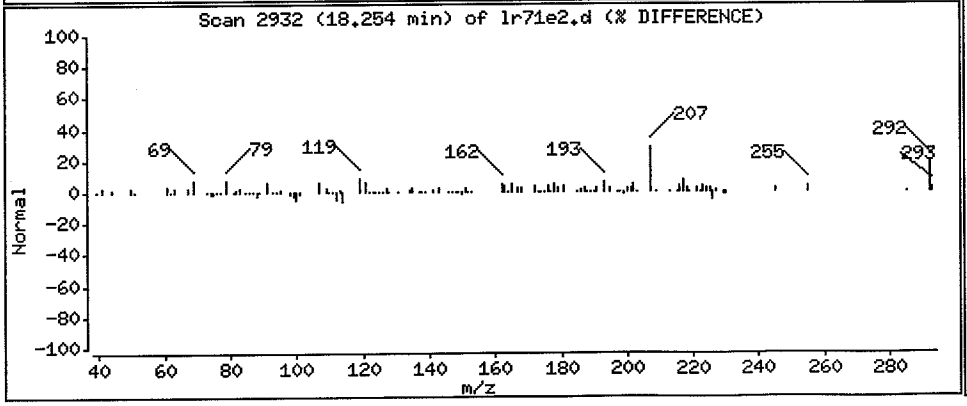












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-11-070928**
Page 1 of 2 **SAMPLE**

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 18:36
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 32.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**40**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**40**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**21**
83-32-9	Acenaphthene	20	< 20 U
132-64-9	**Dibenzofuran**	**20**	**23**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**31**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**280**
120-12-7	**Anthracene**	**20**	**110**
84-74-2	**Di-n-Butylphthalate**	**20**	**44**
206-44-0	**Fluoranthene**	**20**	**2,000 E**
129-00-0	**Pyrene**	**20**	**1,200**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**490**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**250**
218-01-9	**Chrysene**	**20**	**650**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**370**
207-08-9	**Benzo(k)fluoranthene**	**20**	**260**
50-32-8	**Benzo(a)pyrene**	**20**	**220**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**37**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**21**

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Date Analyzed: 10/18/07 18:36

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	46.4%	2-Fluorobiphenyl	46.8%
d14-p-Terphenyl	55.6%	d4-1,2-Dichlorobenzene	42.0%
d5-Phenol	47.7%	2-Fluorophenol	56.3%
2,4,6-Tribromophenol	60.0%	d4-2-Chlorophenol	48.3%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71f.d
Lab Smp Id: LR71F Client Smp ID: AN-SS-11-070928
Inj Date : 18-OCT-2007 18:36
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71F
Misc Info : 07-20771
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 10/25/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	75.00000	Weight of sample extracted (g)
M	32.90000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.975	5.917	(0.755)	294006	21.0648	418.6
$	2 Phenol-d5	99	7.498	7.488	(0.947)	319421	17.9153	356.0
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.615	7.600	(0.962)	215105	18.1142	359.9
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.915	7.904	(1.000)	189400	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	8.214	8.204	(1.038)	93569	10.5076	208.8
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.684	8.674	(1.097)	26423	1.98660	39.48
$	18 Nitrobenzene-d5	82	8.844	8.845	(0.887)	221080	11.5791	230.1
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.971	9.961	(1.000)	594257	20.0000	
	28 Naphthalene	128	9.998	9.999	(1.003)	73579	2.00868	39.91
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	11.131	11.126	(1.116)	15392	0.83627 LDL	16.62
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.782	11.777	(0.917)	325964	11.7398	233.3
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	12.594	12.584	(0.980)	38559	1.05445	20.95
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.851	12.841	(1.000)	356615	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	12.899	12.894	(1.004)	18639	0.80760 LDL	16.05
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	13.161	13.156	(1.024)	37386	1.15624	22.98
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	13.721	13.711	(1.068)	40281	1.57722	31.34
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.149	14.139	(1.101)	77825	22.4933	447.0
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.239	15.223	(1.000)	642771	20.0000	
	60 Phenanthrene	178	15.271	15.261	(1.002)	574788	13.9374	276.9
	61 Anthracene	178	15.345	15.335	(1.007)	236994	5.73917	114.0
	62 Carbazole	167	15.634	15.624	(1.026)	67195	1.82934	36.35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	16.371	16.350	(1.074)	95768	2.23602	44.43
64	Fluoranthene	202	17.253	17.205	(1.132)	4678824	99.2082 E	1971
65	Pyrene	202	17.600	17.563	(0.899)	3693085	59.8630	1190
$ 66	Terphenyl-d14	244	17.910	17.884	(0.914)	537167	13.9109	276.4
67	Butylbenzylphthalate	149	18.807	18.776	(0.960)	14235	0.52476 LDL	10.43 (M)
68	Benzo(a)anthracene	228	19.566	19.529	(0.999)	1651986	24.5459	487.7
* 69	Chrysene-d12	240	19.587	19.556	(1.000)	858973	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.630	19.598	(1.002)	1976020	32.6719	649.2
72	bis(2-Ethylhexyl)phthalate	149	19.806	19.785	(0.955)	461048	12.5900	250.2
* 134	Di-n-octylphthalate-d4	153	20.741	20.720	(1.000)	1211080	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	21.222	21.190	(0.976)	781952	18.4837	367.3
75	Benzo(k)fluoranthene	252	21.249	21.228	(0.977)	593610	13.2645	263.6 (M)
76	Benzo(a)pyrene	252	21.671	21.639	(0.997)	425413	10.9543	217.7
* 77	Perylene-d12	264	21.745	21.719	(1.000)	589128	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	23.236	23.215	(1.069)	84996	1.84545	36.67
79	Dibenzo(a,h)anthracene	278	23.257	23.236	(1.070)	32635	0.84337 LDL	16.76 (M)
80	Benzo(g,h,i)perylene	276	23.642	23.616	(1.087)	49001	1.06392	21.14
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	11.301	11.297	(1.133)	11106	0.60508 LDL	12.02
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71f.d
Lab Smp Id: LR71F
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20771

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-11-070928
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	189400	-10.69
27 Naphthalene-d8	656578	328289	1313156	594257	-9.49
42 Acenaphthene-d10	353705	176852	707410	356615	0.82
59 Phenanthrene-d10	526440	263220	1052880	642771	22.10
69 Chrysene-d12	581923	290962	1163846	858973	47.61
134 Di-n-octylphthala	979097	489548	1958194	1211080	23.69
77 Perylene-d12	686531	343266	1373062	589128	-14.19

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.13
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.10
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.08
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.10
69 Chrysene-d12	19.56	19.06	20.06	19.59	0.16
134 Di-n-octylphthala	20.72	20.22	21.22	20.74	0.10
77 Perylene-d12	21.72	21.22	22.22	21.75	0.12

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

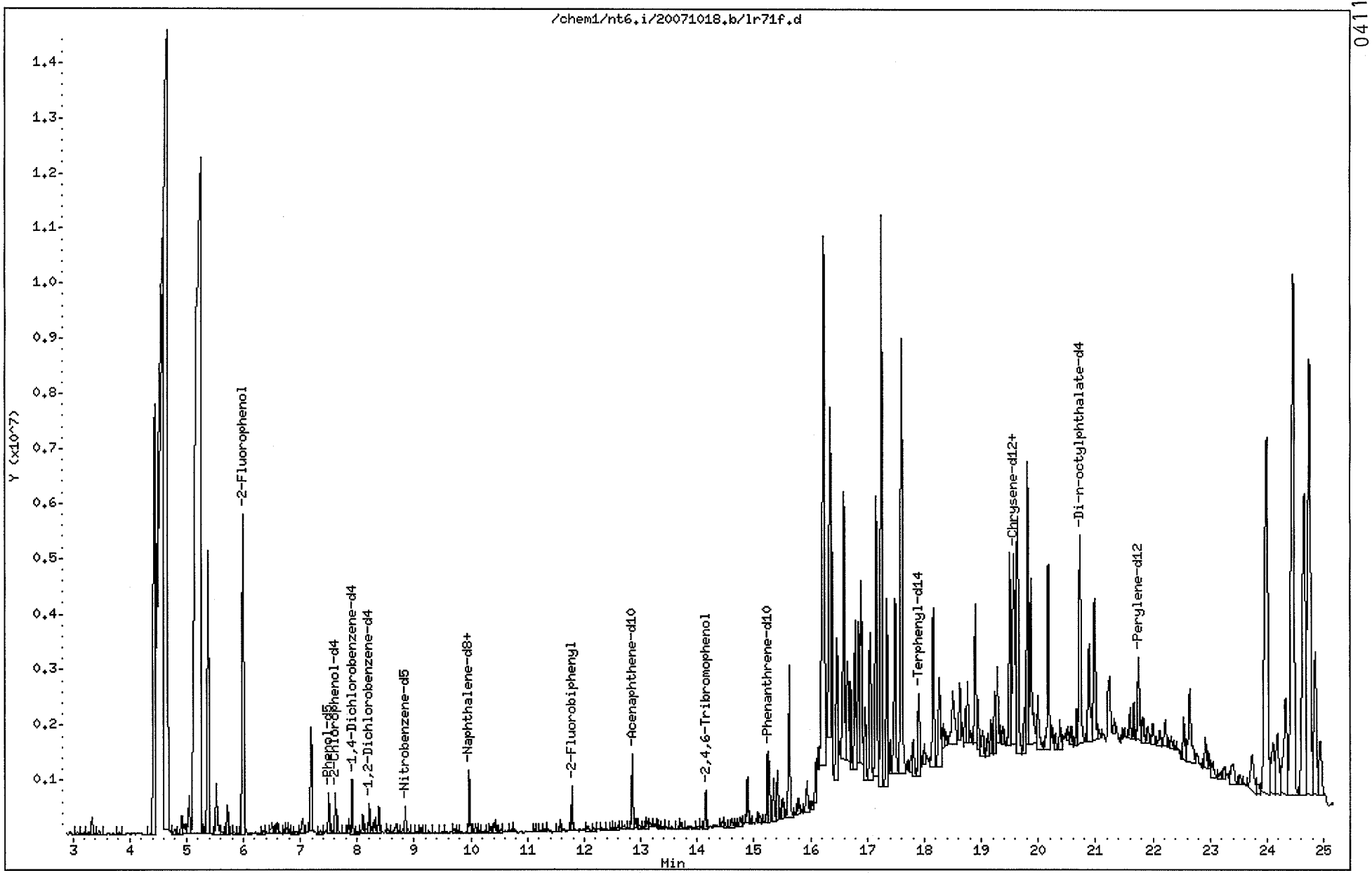
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71F
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20771

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-11-070928
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	745.2	418.6	56.17	11-84
$ 2 Phenol-d5	745.2	356.0	47.77	25-86
$ 5 2-Chlorophenol-d4	745.2	359.9	48.30	23-91
$ 10 1,2-Dichlorobenzen	496.8	208.8	42.03	24-90
$ 18 Nitrobenzene-d5	496.8	230.1	46.32	26-88
$ 36 2-Fluorobiphenyl	496.8	233.3	46.96	34-91
$ 55 2,4,6-Tribromophen	745.2	447.0	59.98	25-107
$ 66 Terphenyl-d14	496.8	276.4	55.64	22-100

Data File: /chem1/nt6.i/20071018.b/lr71f.d
Date : 18-OCT-2007 18:36
Client ID: AN-SS-11-070928
Sample Info: LR71F
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

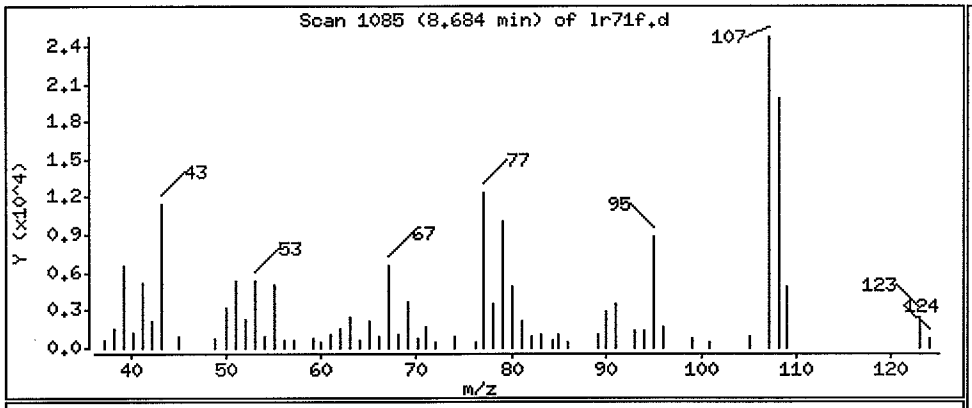
Client ID: AN-SS-11-070928 Instrument: nt6.i

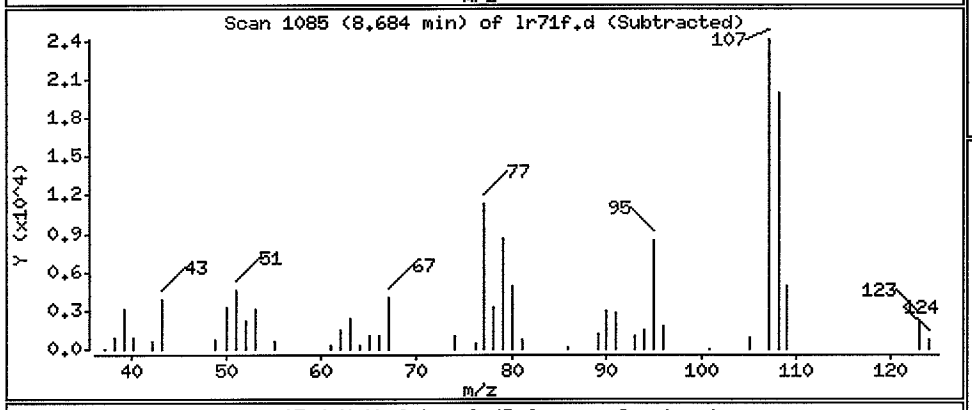
Sample Info: LR71F

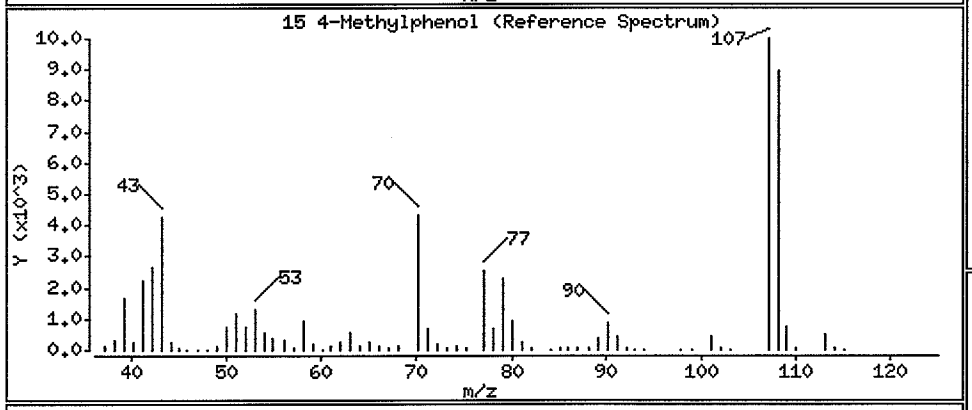
Volume Injected (uL): 1.0 Operator: LJR/VTS

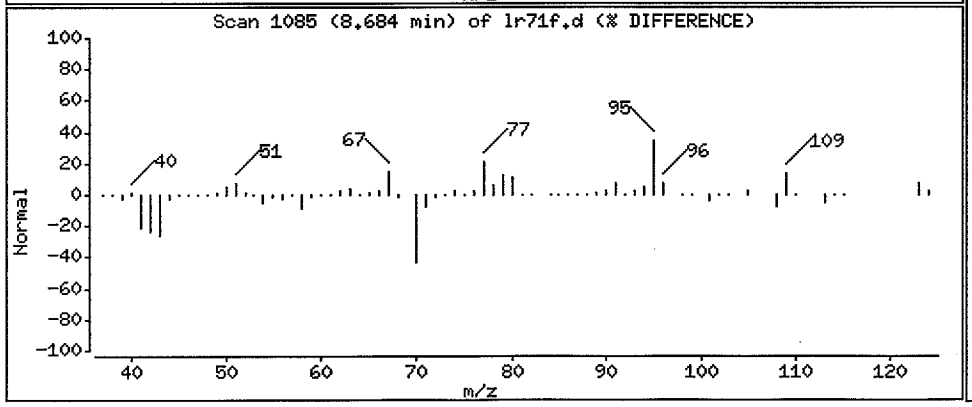
Column phase: ZB-5 Column diameter: 0.32

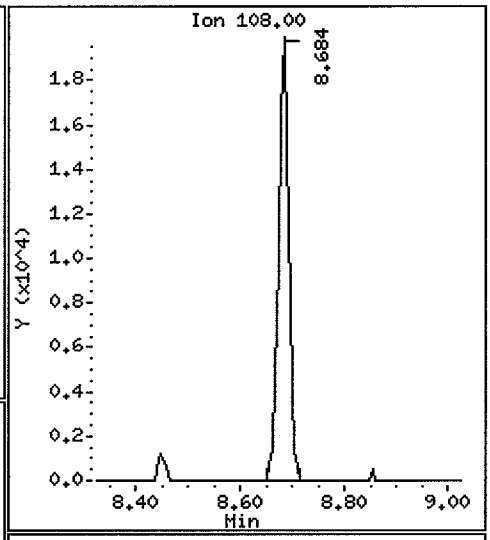
15 4-Methylphenol Concentration: 39.48 ug/kg

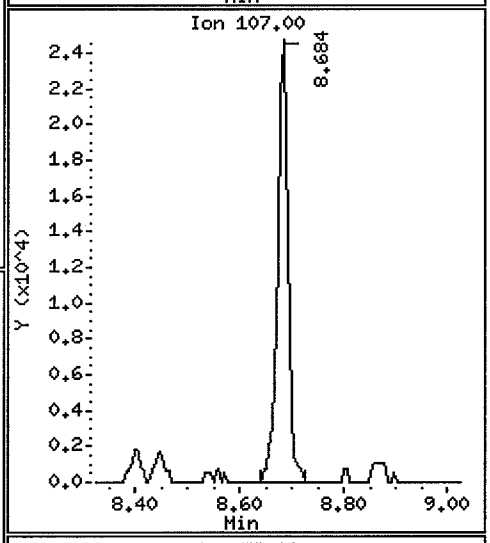


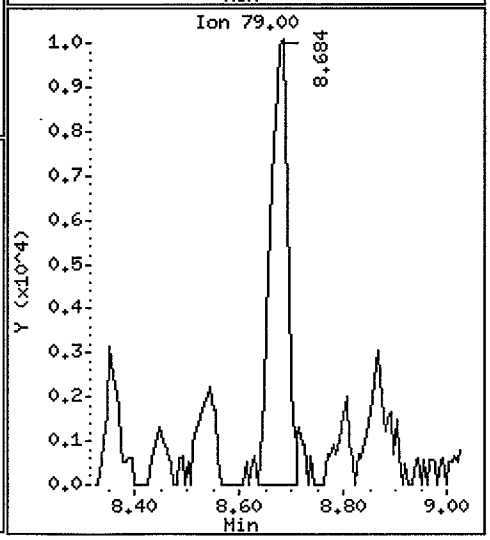












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

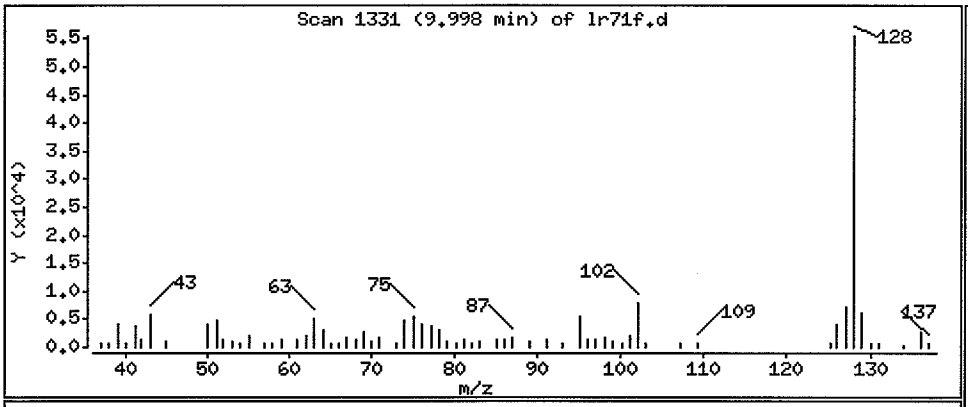
Client ID: AN-SS-11-070928 Instrument: nt6.i

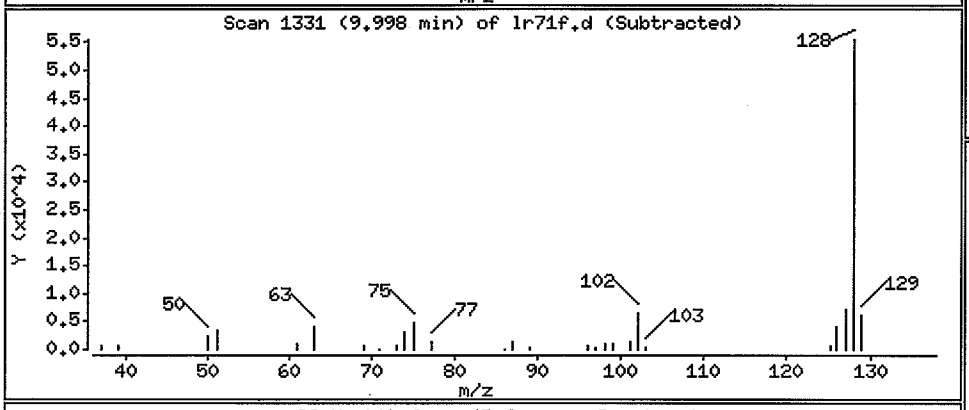
Sample Info: LR71F

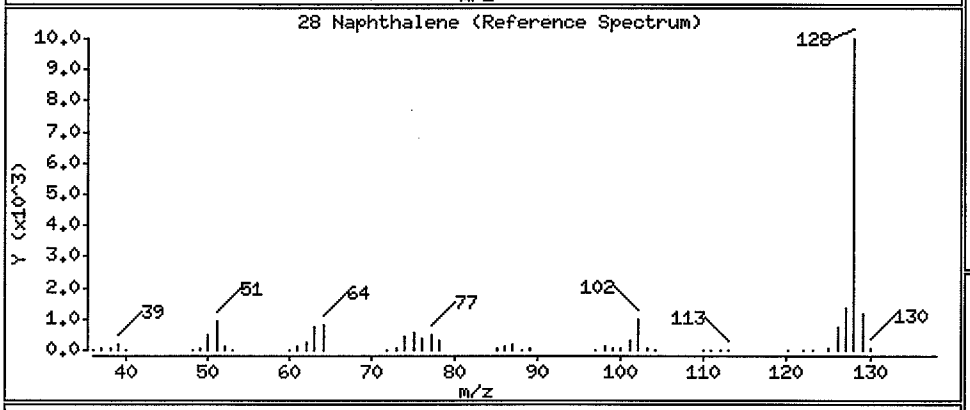
Volume Injected (uL): 1.0 Operator: LJR/VTS

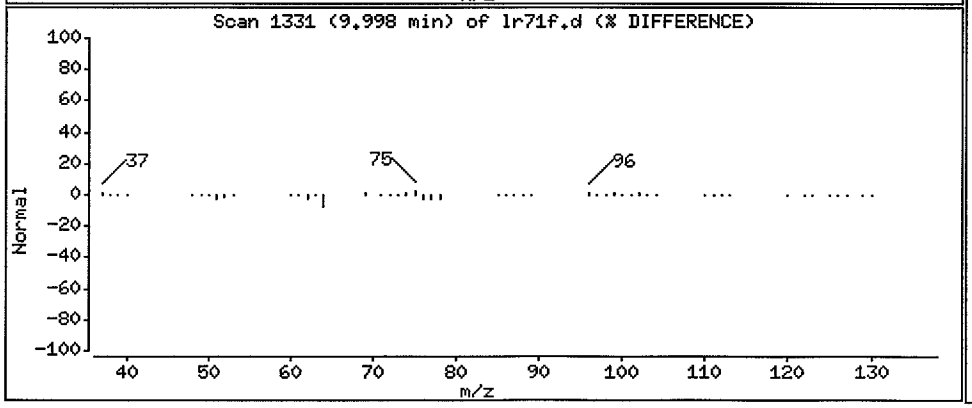
Column phase: ZB-5 Column diameter: 0.32

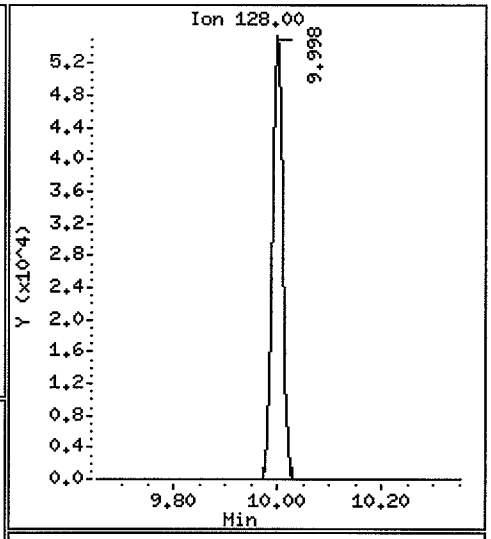
28 Naphthalene Concentration: 39.91 ug/kg

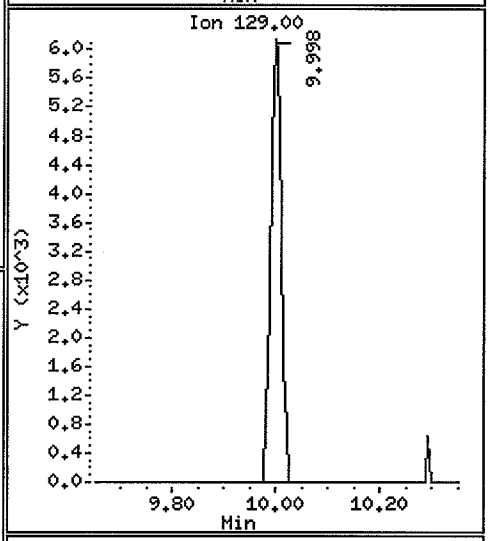


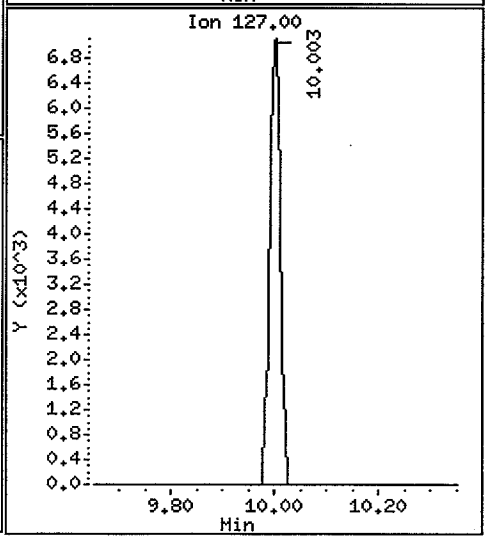












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

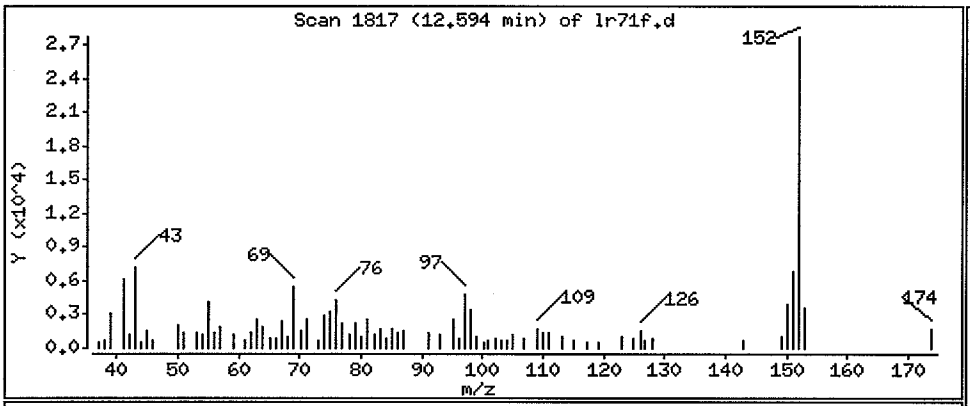
Client ID: AN-SS-11-070928 Instrument: nt6.i

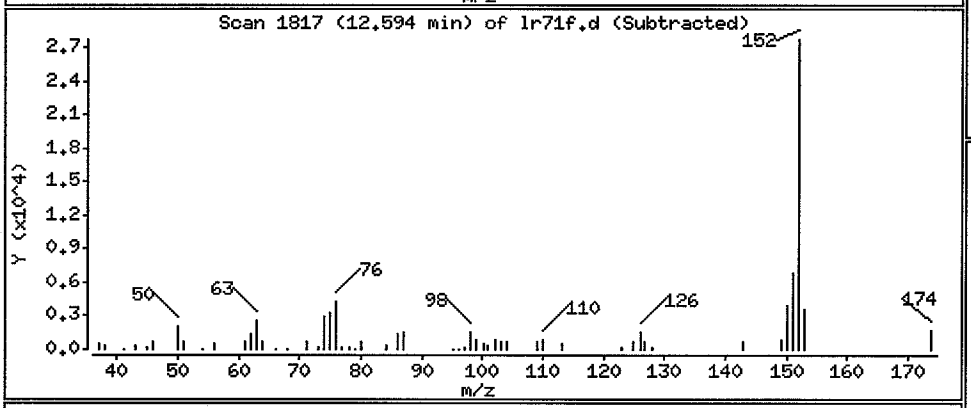
Sample Info: LR71F

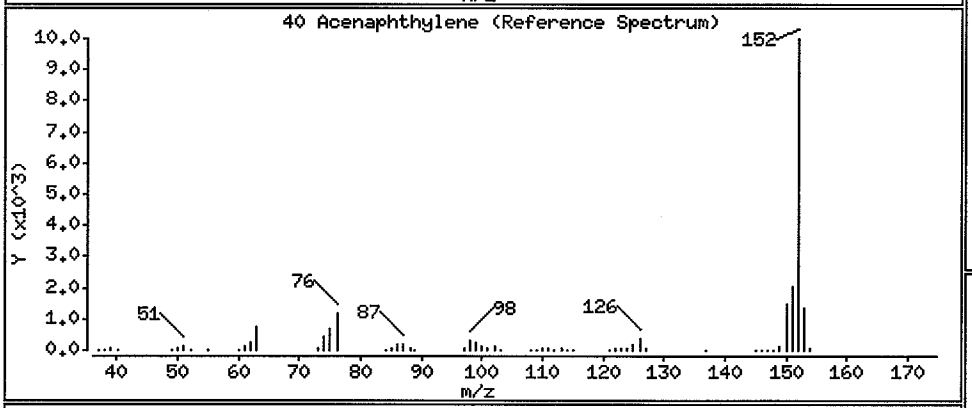
Volume Injected (uL): 1.0 Operator: LJR/VTS

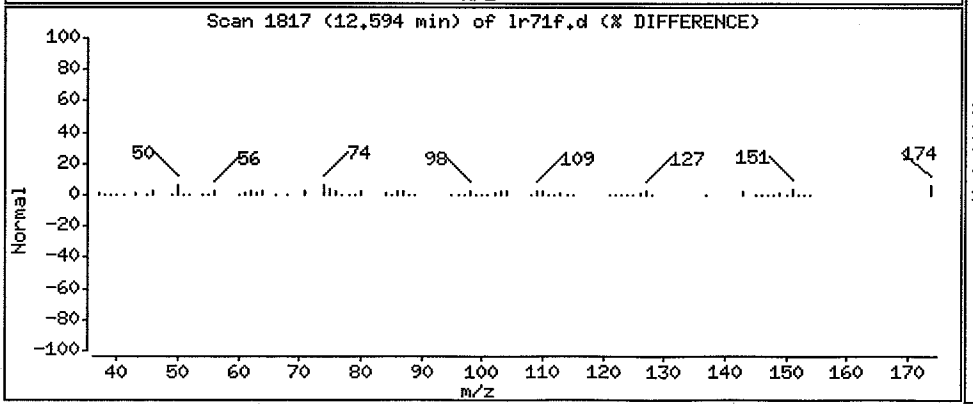
Column phase: ZB-5 Column diameter: 0.32

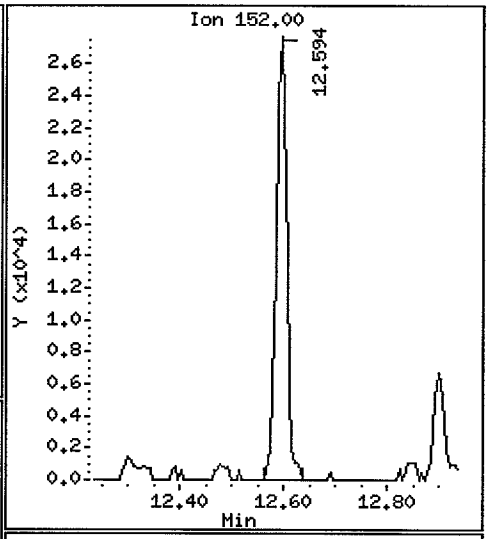
40 Acenaphthylene Concentration: 20.95 ug/kg

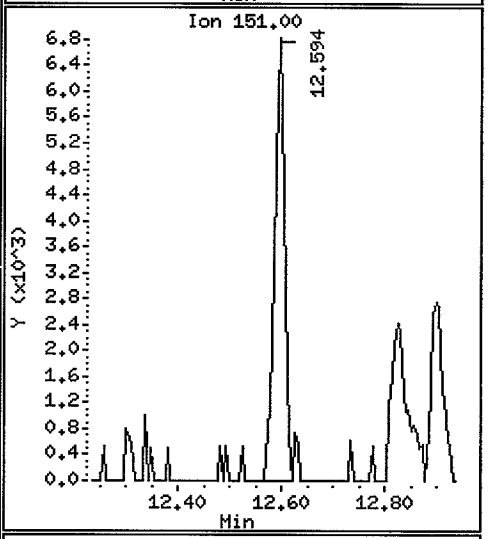


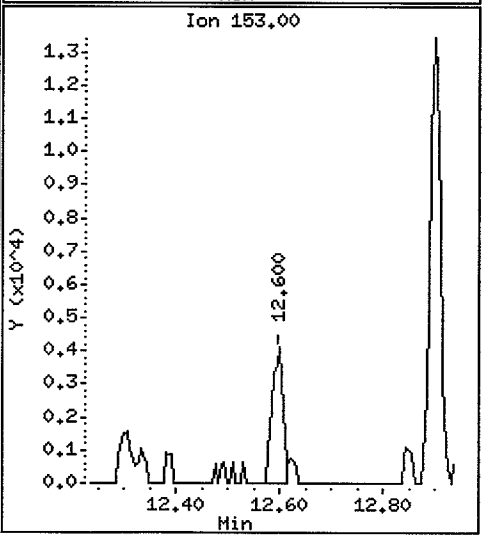












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

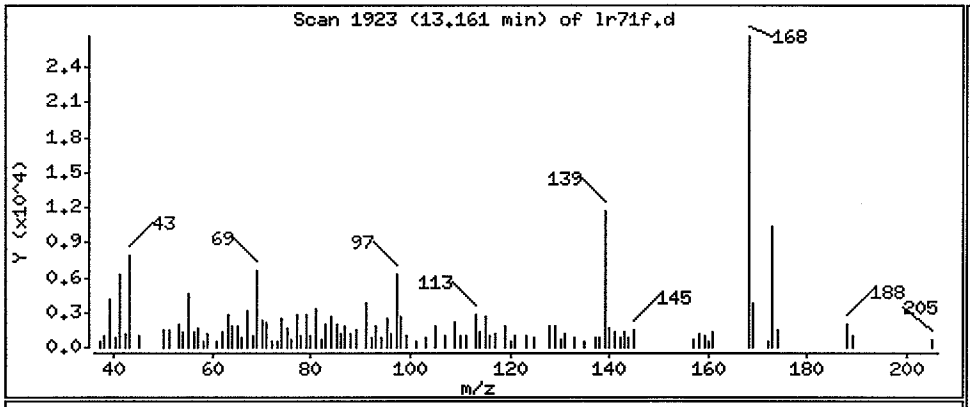
Client ID: AN-SS-11-070928 Instrument: nt6.i

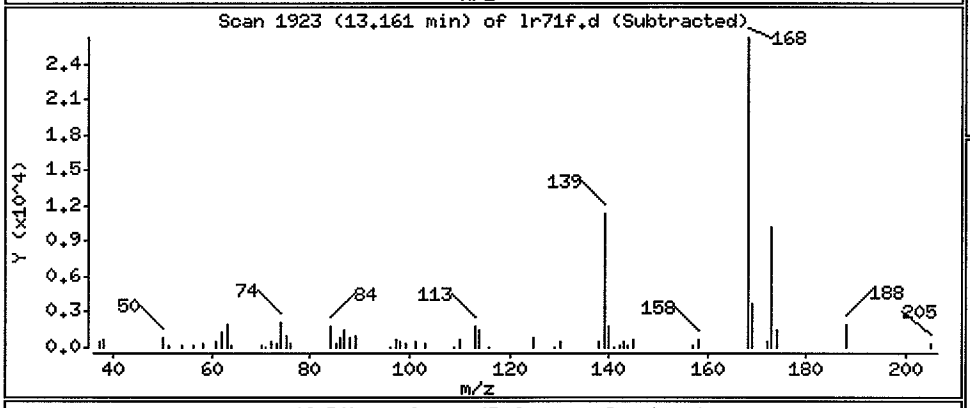
Sample Info: LR71F

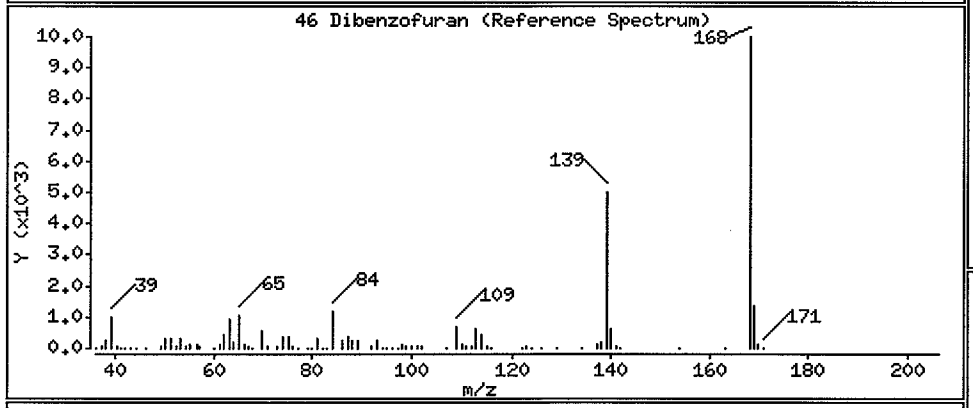
Volume Injected (uL): 1.0 Operator: LJR/VTS

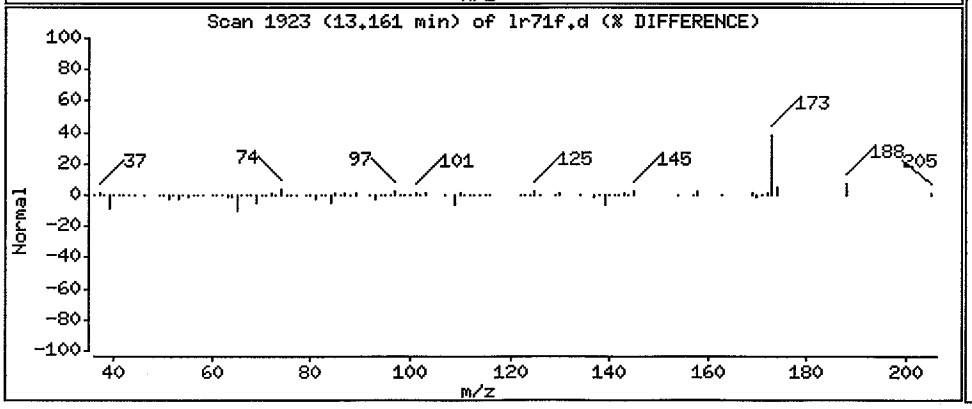
Column phase: ZB-5 Column diameter: 0.32

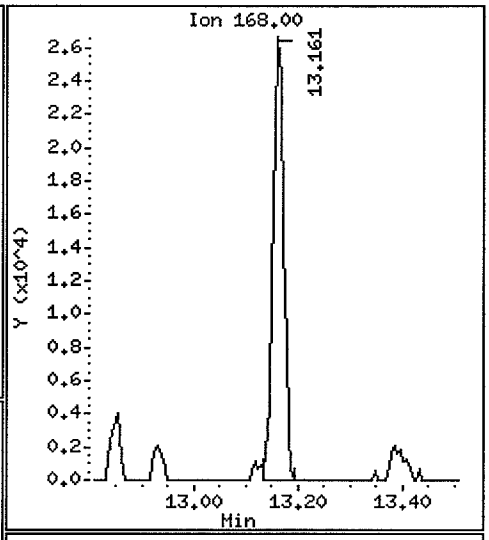
46 Dibenzofuran Concentration: 22.98 ug/kg

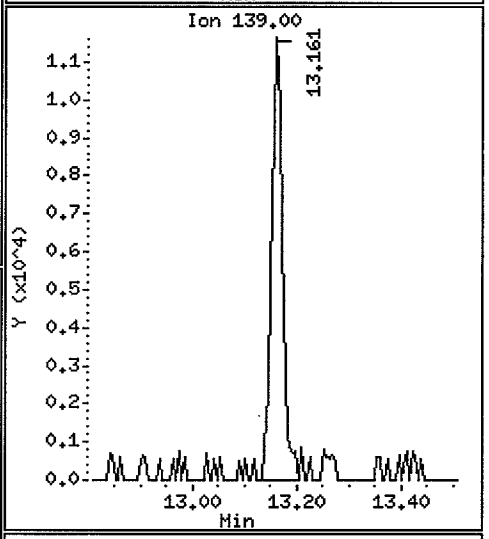


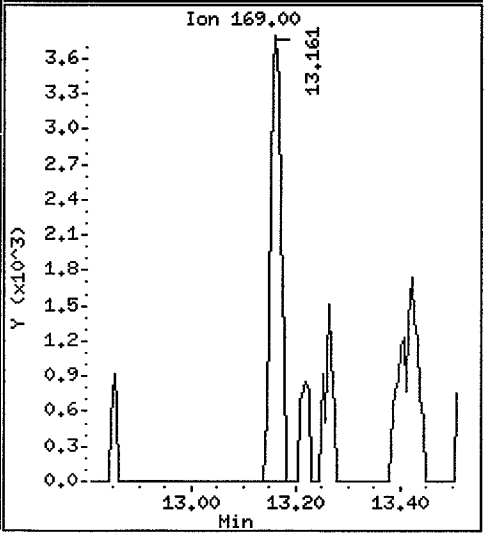












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

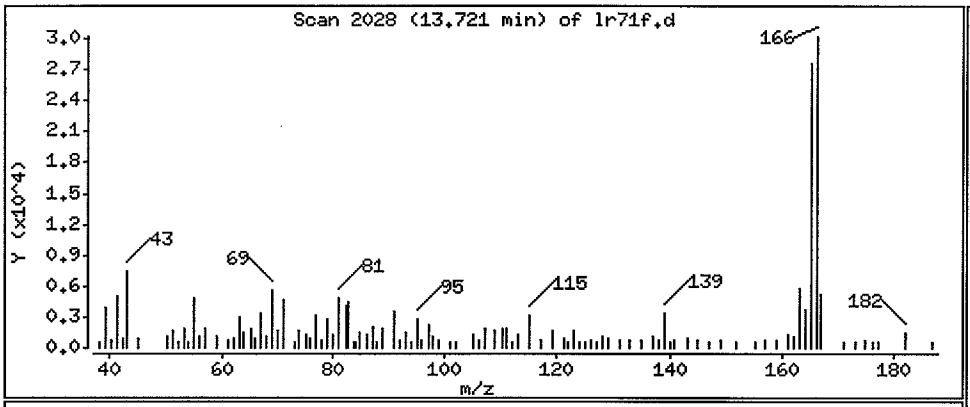
Client ID: AN-SS-11-070928 Instrument: nt6.i

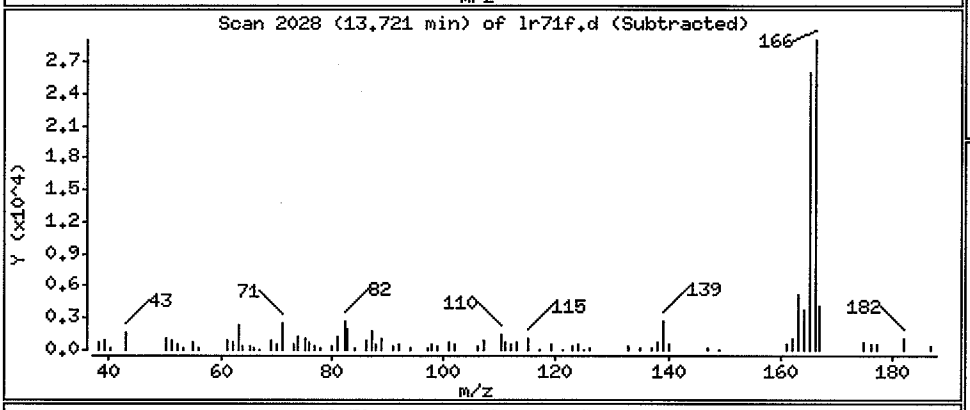
Sample Info: LR71F

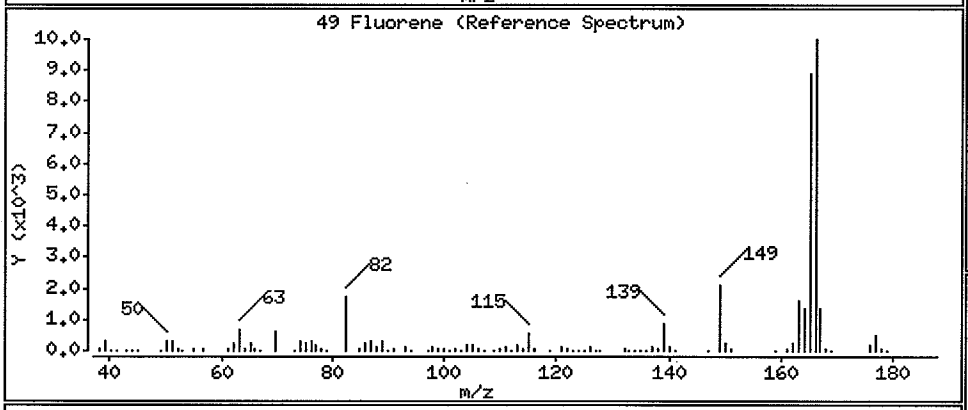
Volume Injected (uL): 1.0 Operator: LJR/VTS

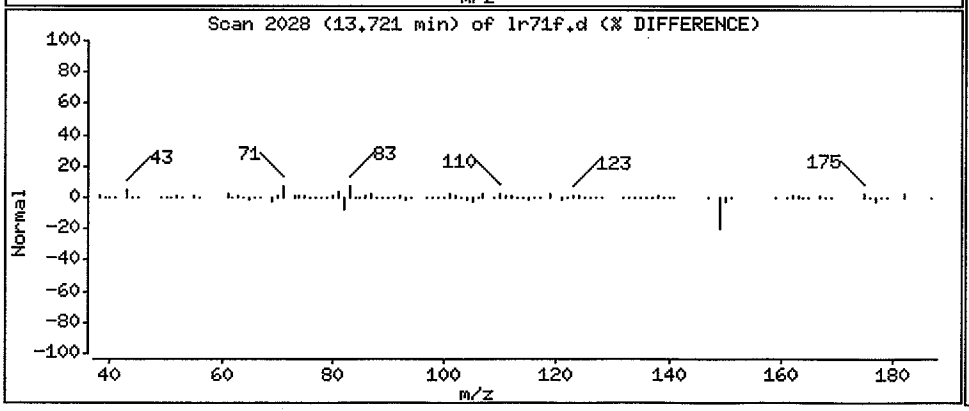
Column phase: ZB-5 Column diameter: 0.32

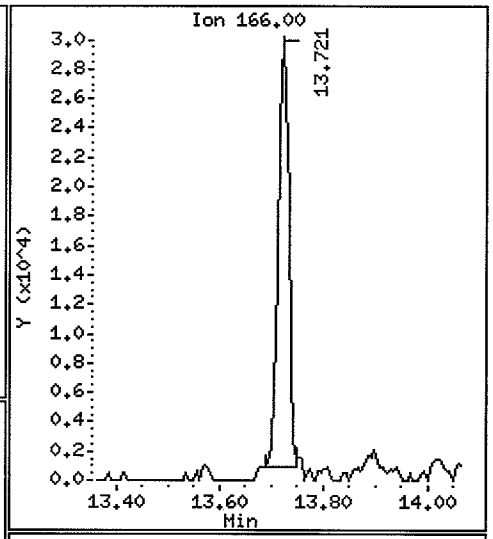
49 Fluorene Concentration: 31.34 ug/kg

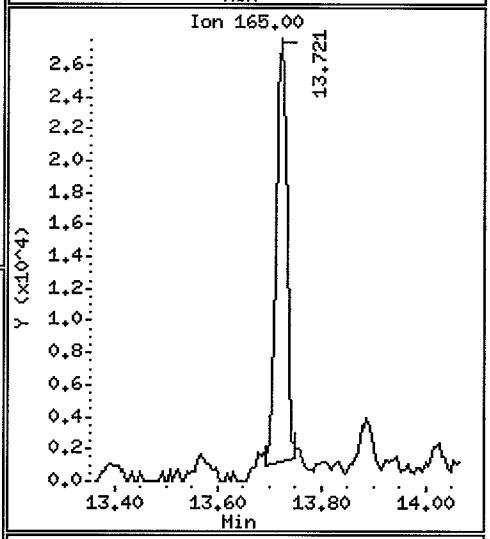


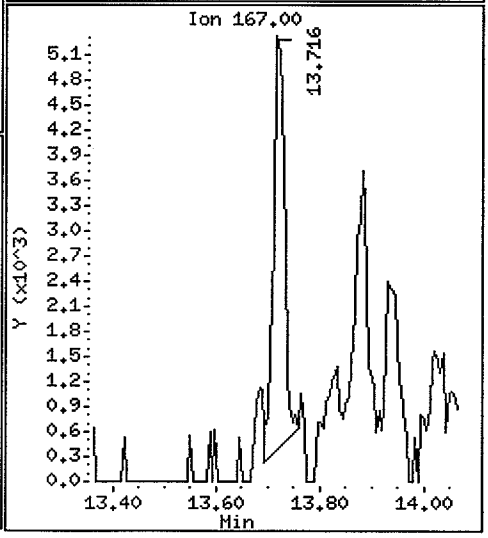












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F

Volume Injected (uL): 1.0

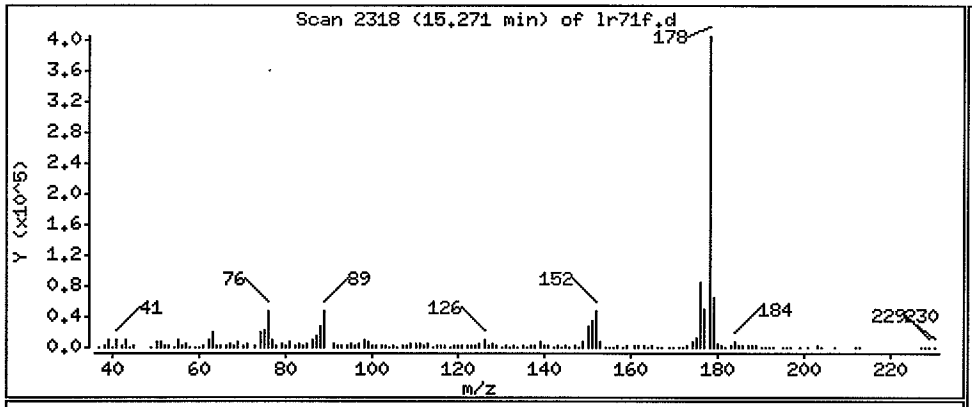
Operator: LJR/VTS

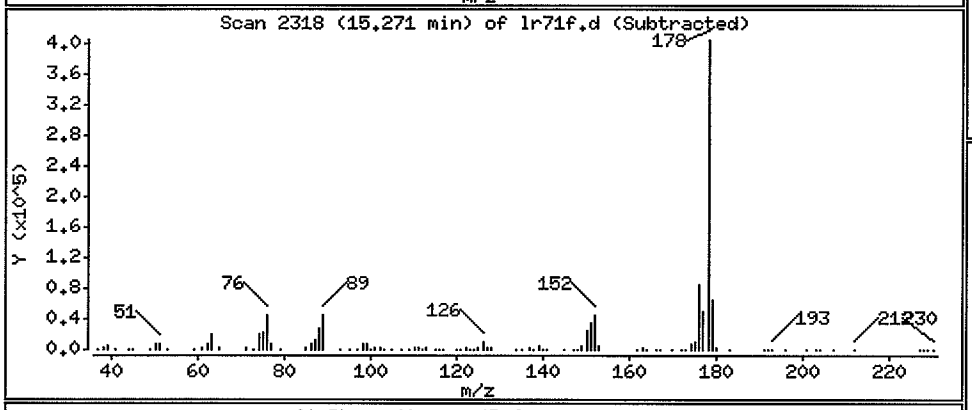
Column phase: ZB-5

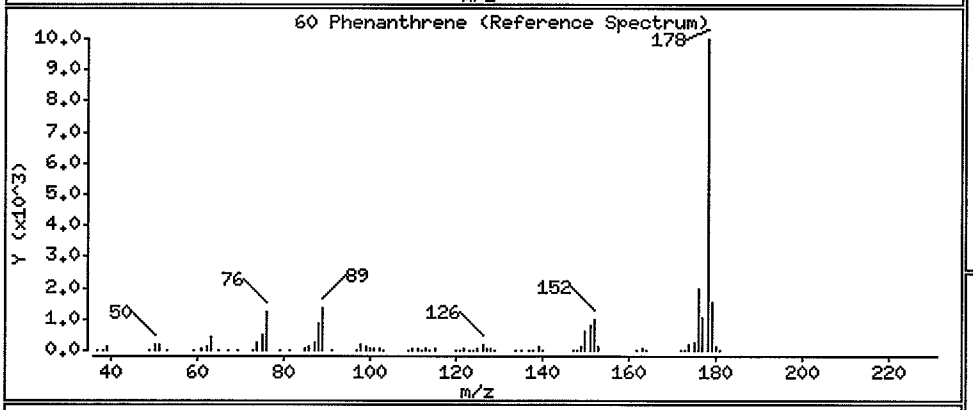
Column diameter: 0.32

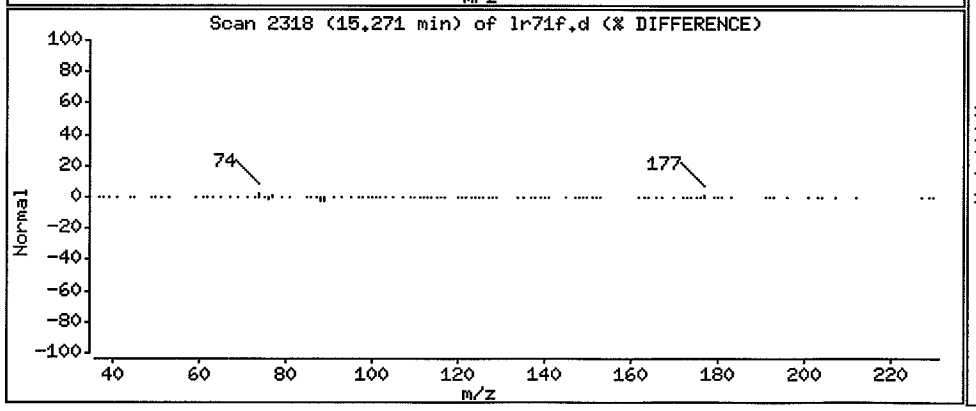
60 Phenanthrene

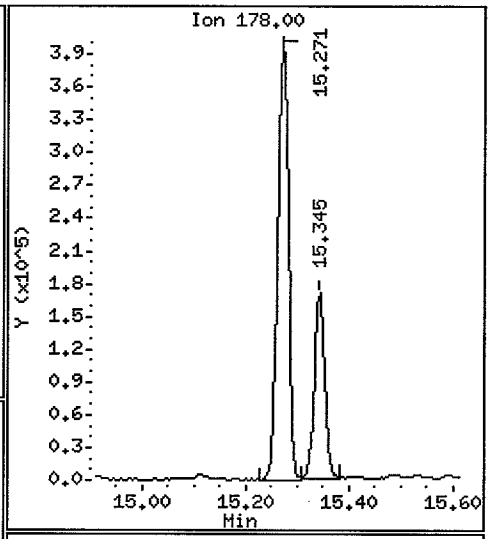
Concentration: 276.9 ug/kg

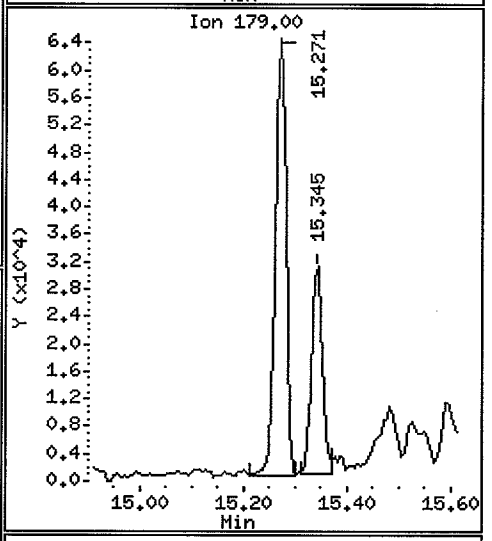


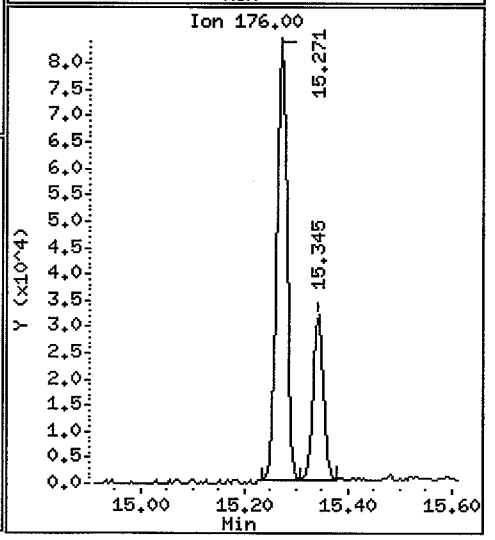












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F

Volume Injected (uL): 1.0

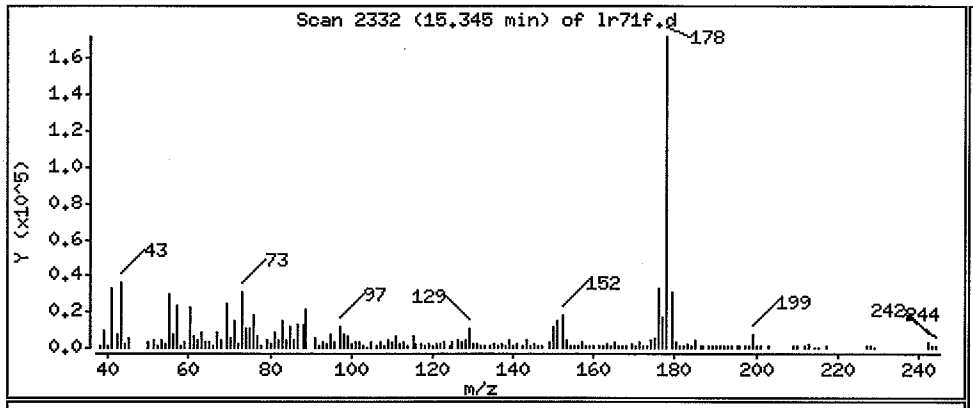
Operator: LJR/VTS

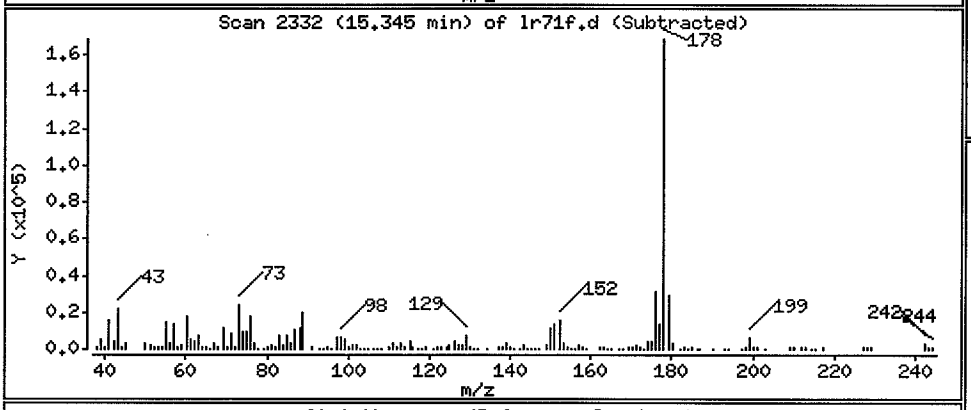
Column phase: ZB-5

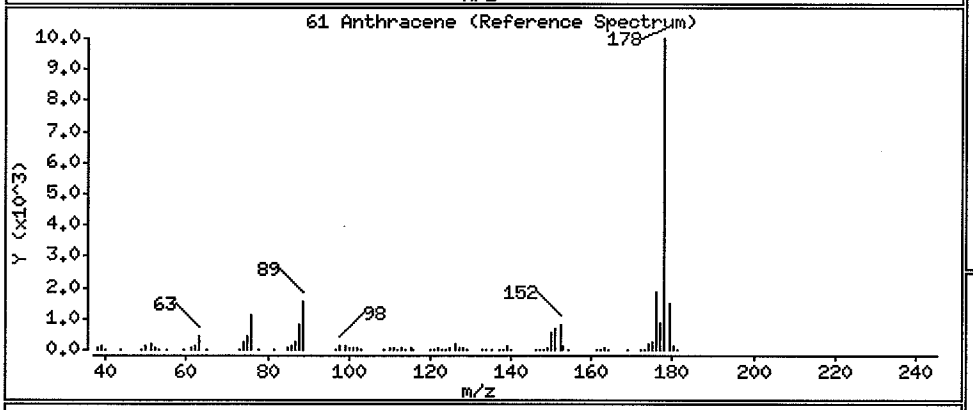
Column diameter: 0.32

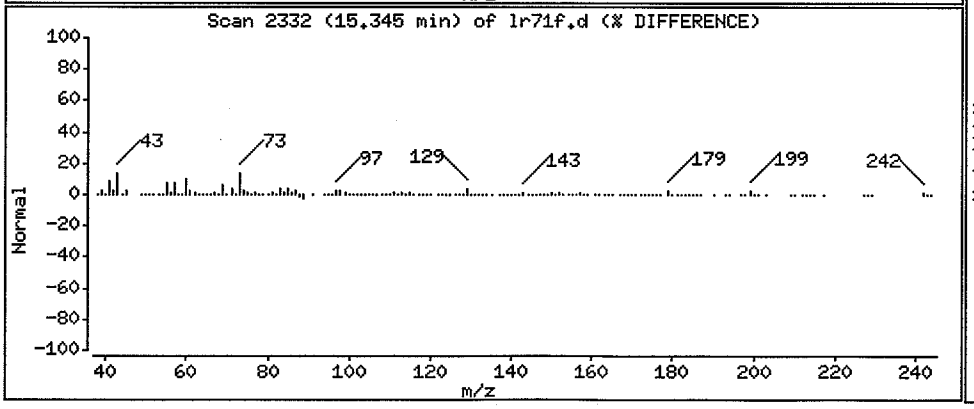
61 Anthracene

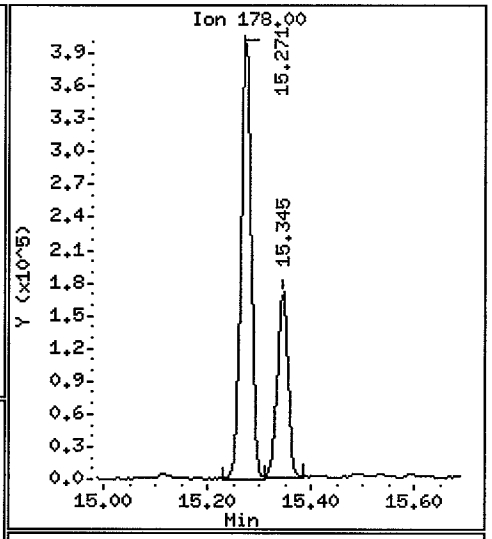
Concentration: 114.0 ug/kg

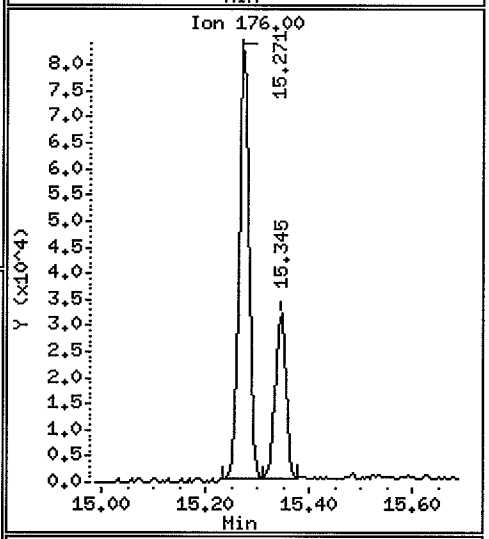


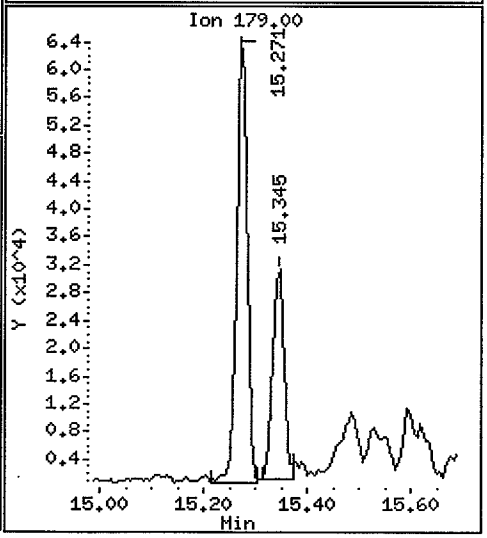












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F

Volume Injected (uL): 1.0

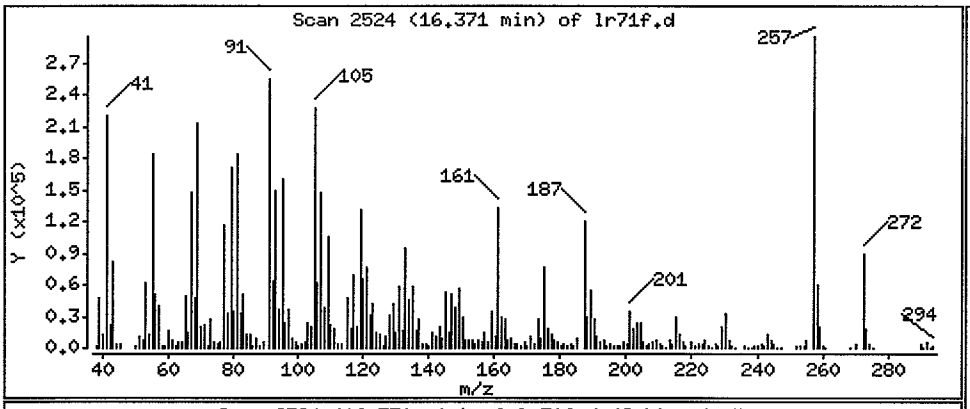
Operator: LJR/VTS

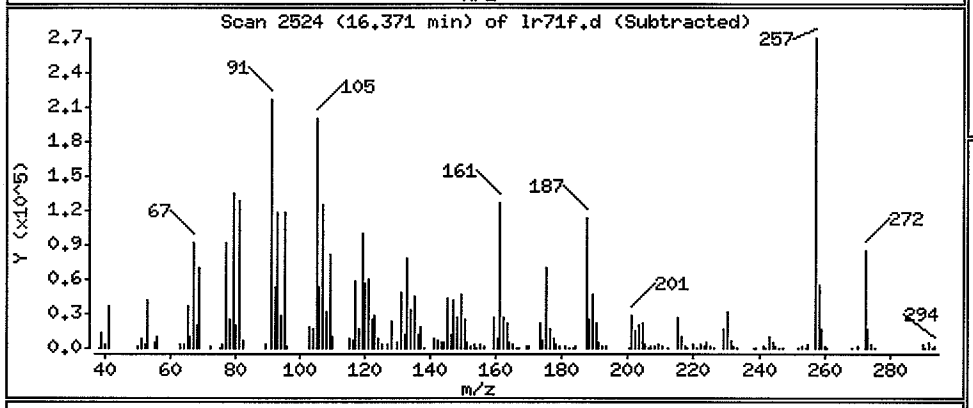
Column phase: ZB-5

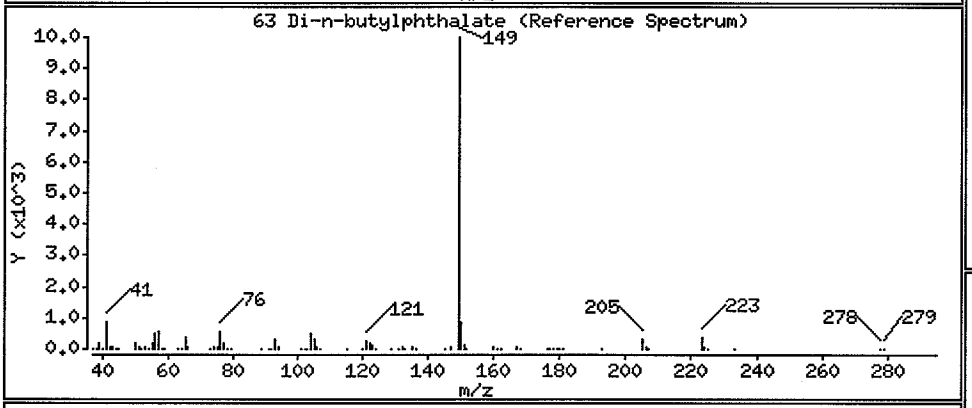
Column diameter: 0.32

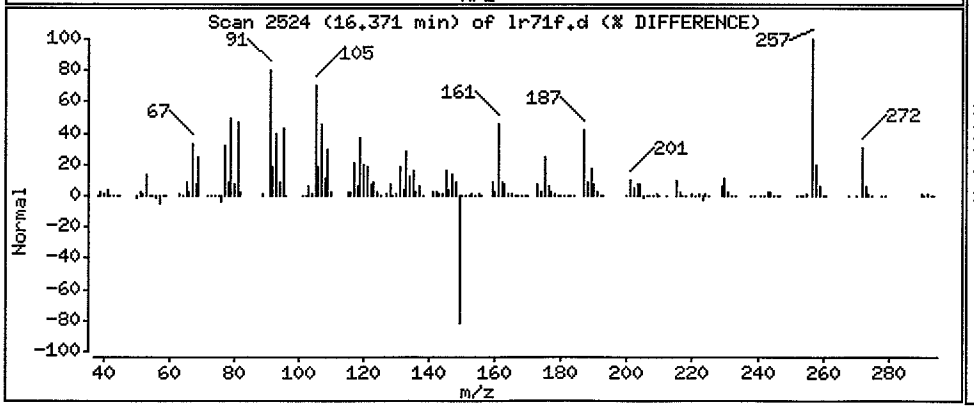
63 Di-n-butylphthalate

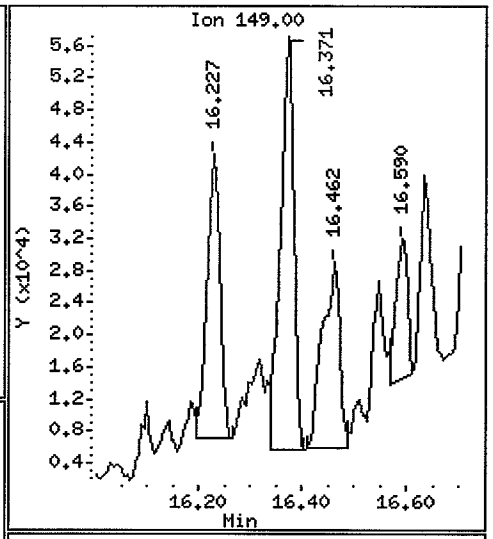
Concentration: 44.43 ug/kg

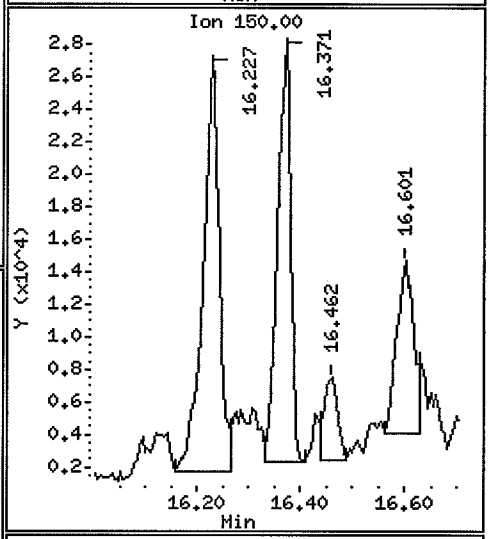


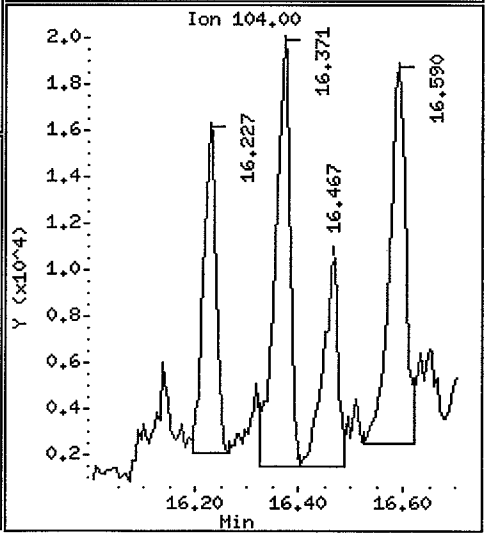












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

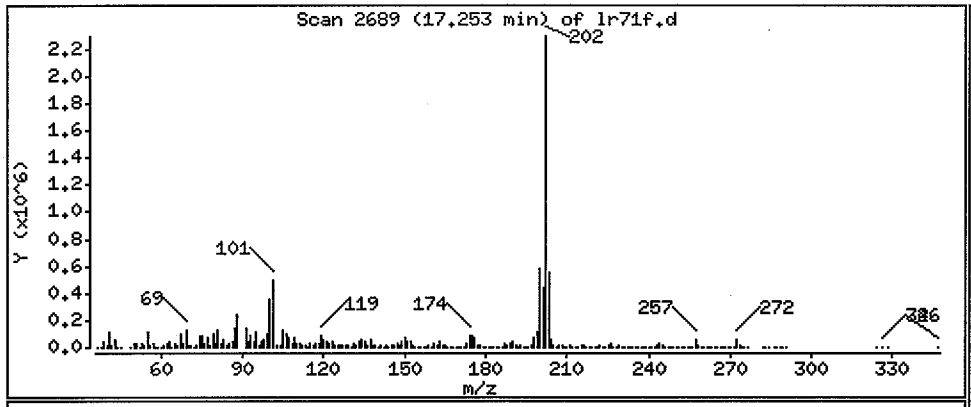
Client ID: AN-SS-11-070928 Instrument: nt6.i

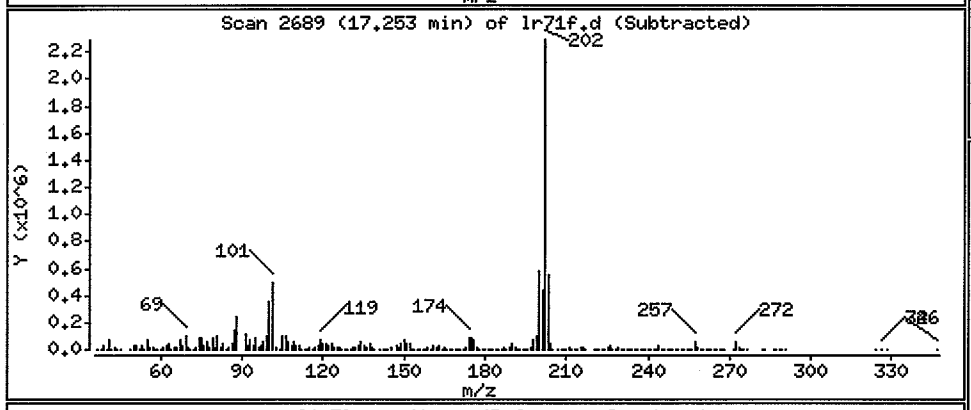
Sample Info: LR71F

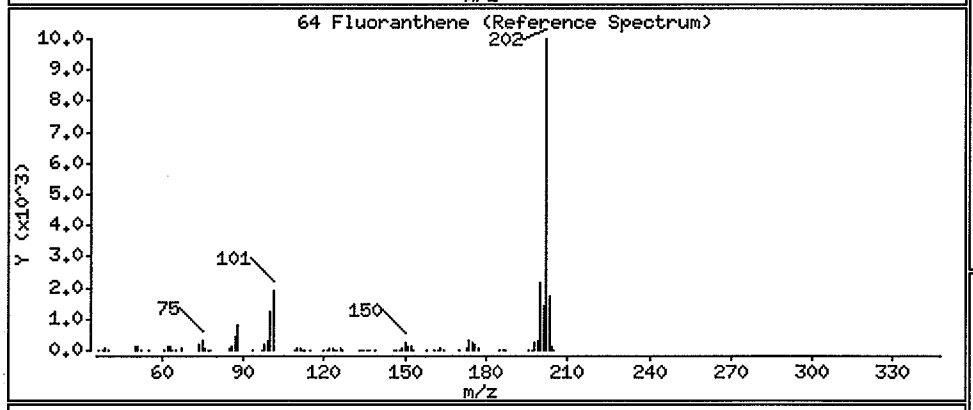
Volume Injected (uL): 1.0 Operator: LJR/VTS

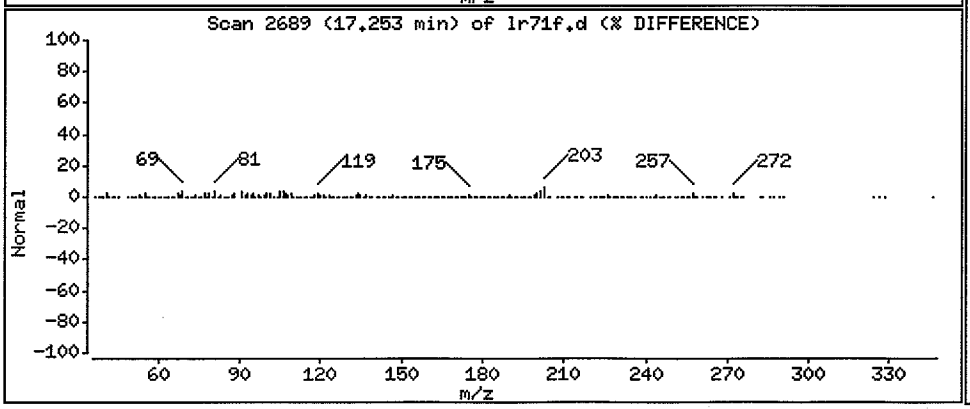
Column phase: ZB-5 Column diameter: 0.32

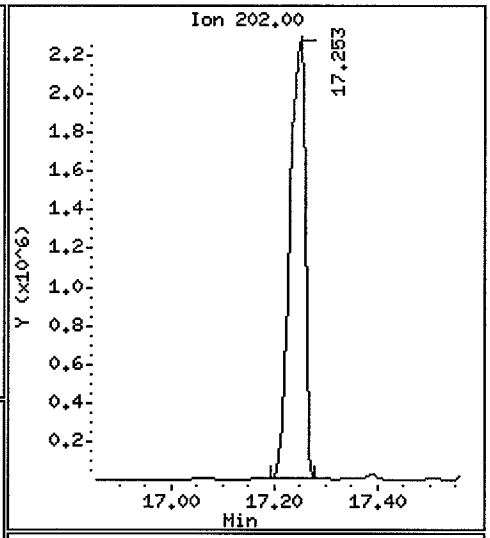
64 Fluoranthene Concentration: 1971 ug/kg

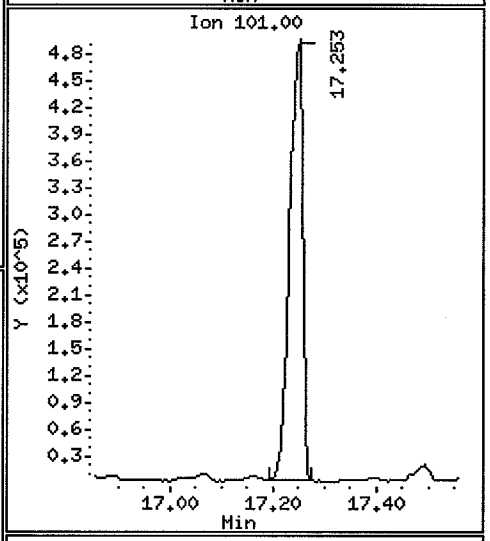


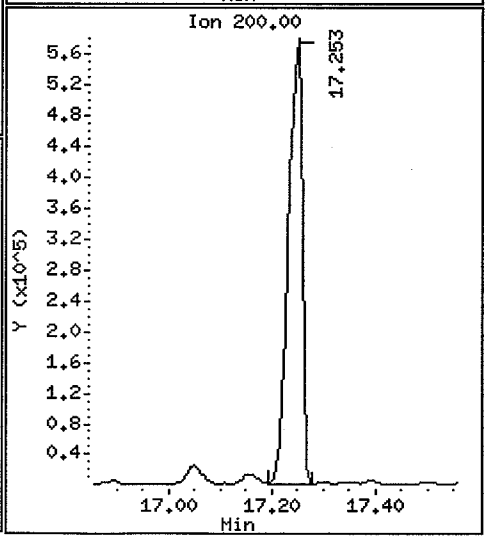












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F

Volume Injected (uL): 1.0

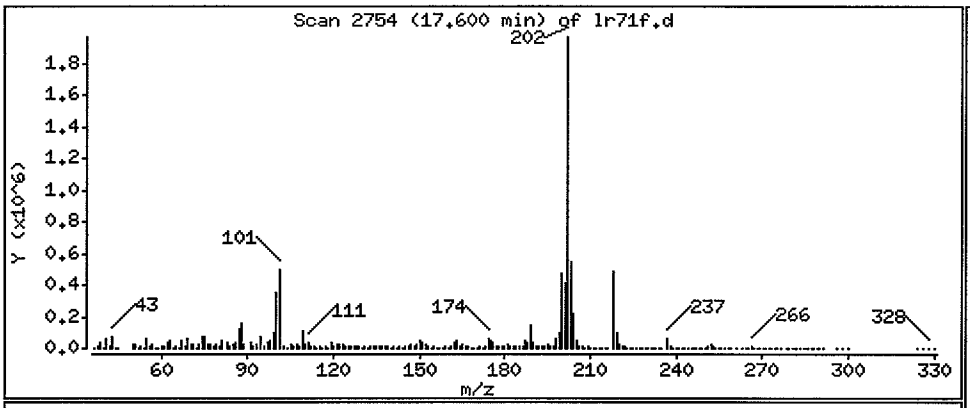
Operator: LJR/VTS

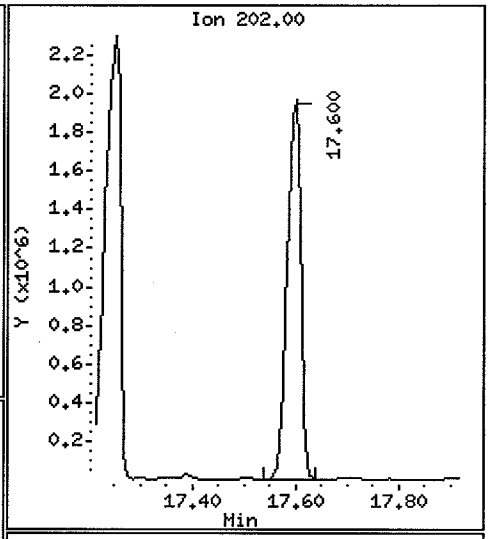
Column phase: ZB-5

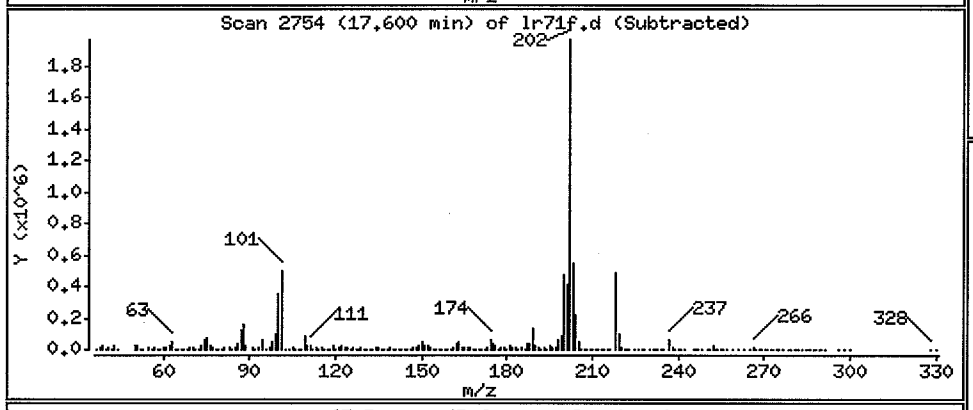
Column diameter: 0.32

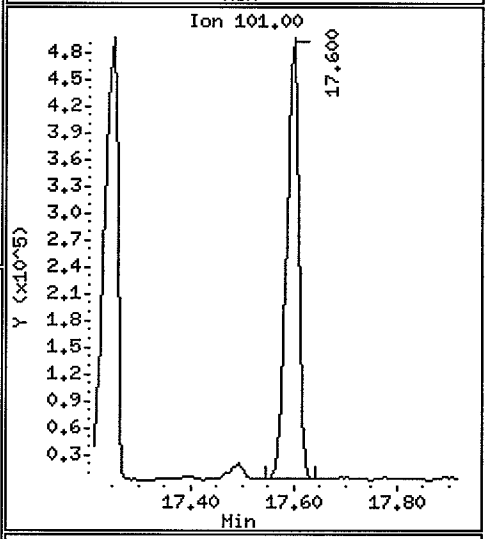
65 Pyrene

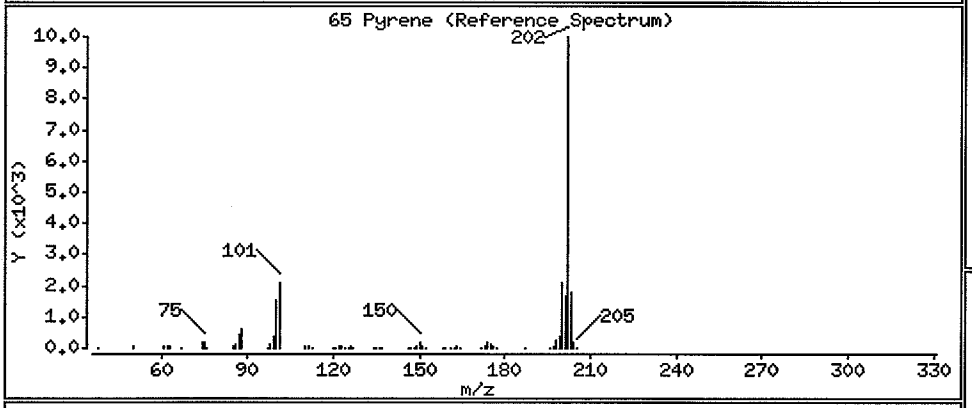
Concentration: 1190 ug/kg

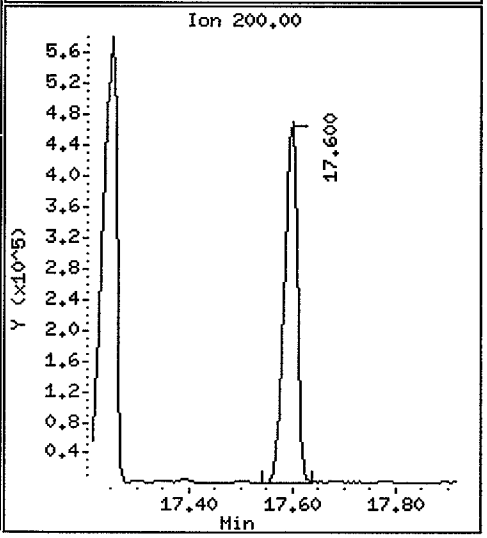


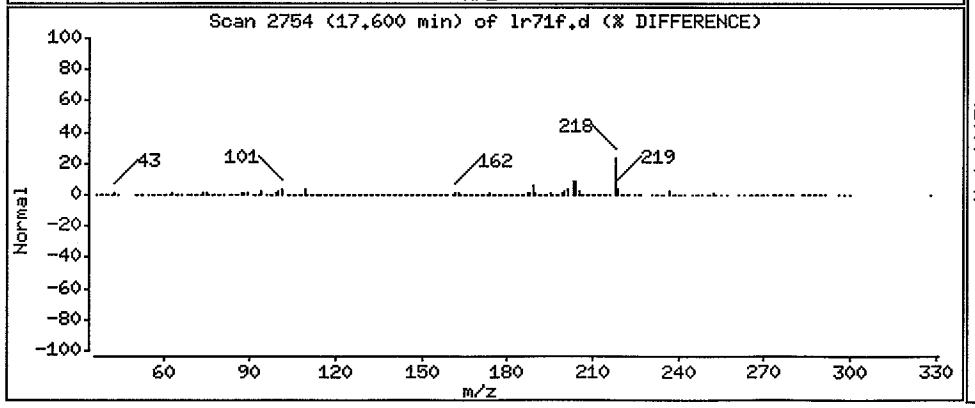












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F

Volume Injected (uL): 1.0

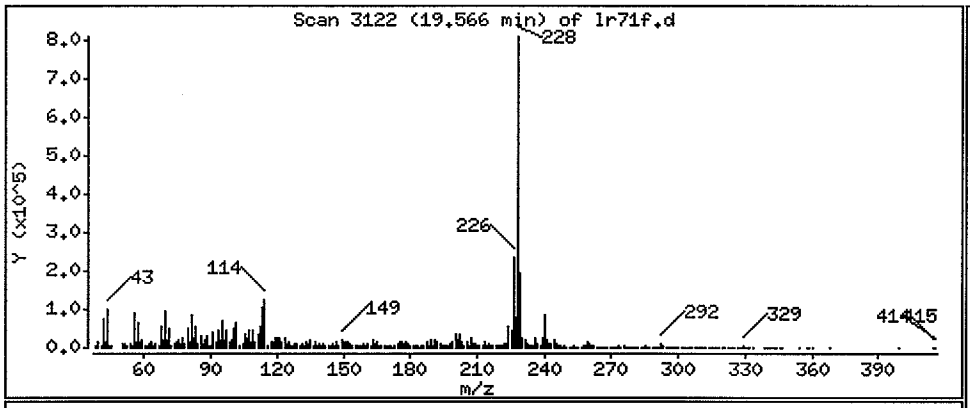
Operator: LJR/VTS

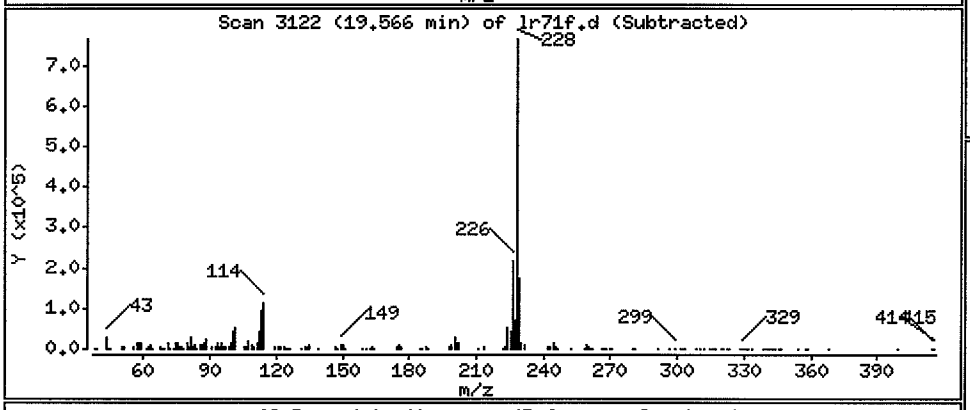
Column phase: ZB-5

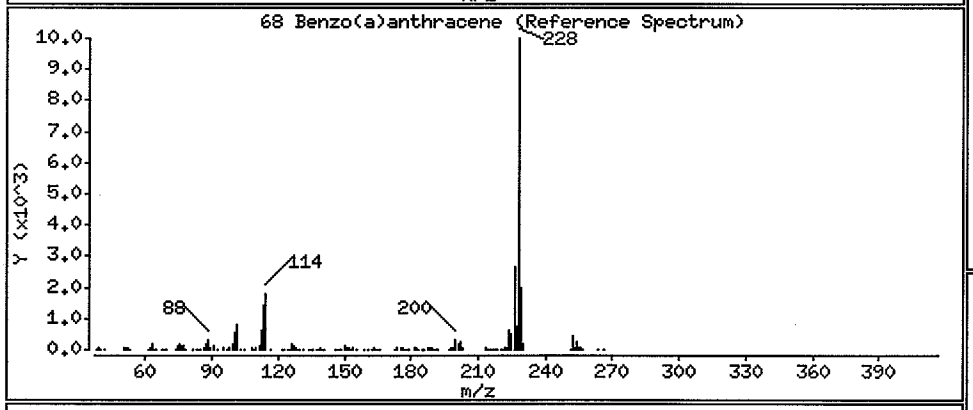
Column diameter: 0.32

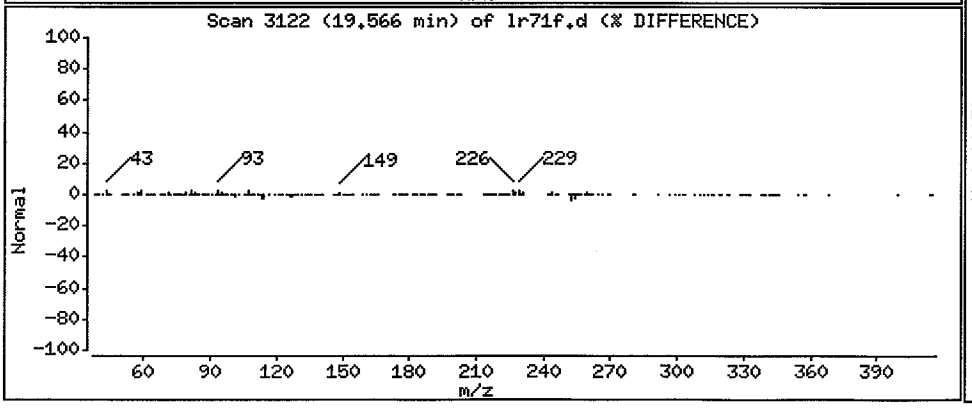
68 Benzo(a)anthracene

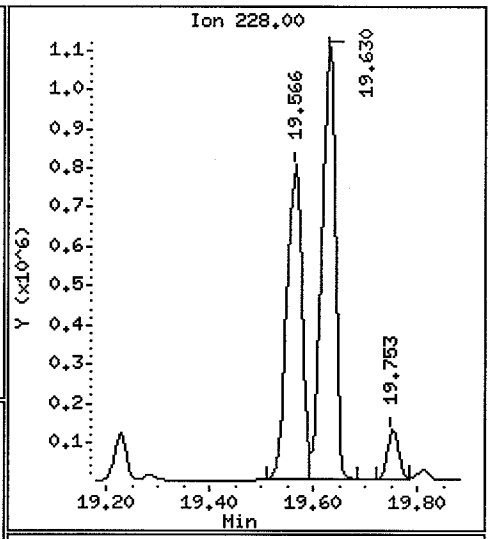
Concentration: 487.7 ug/kg

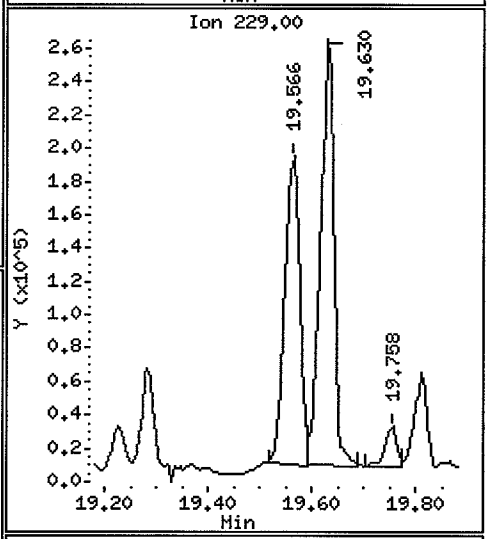


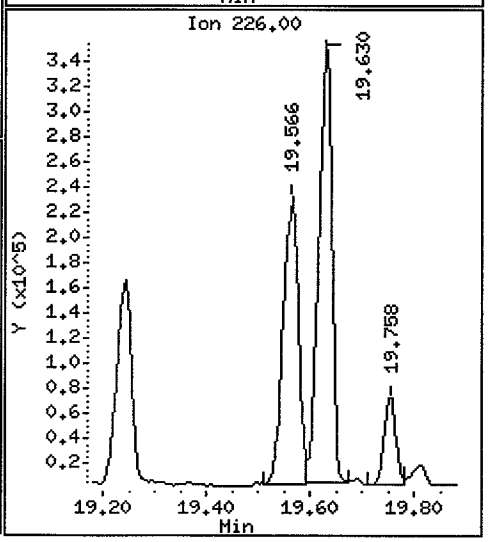












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

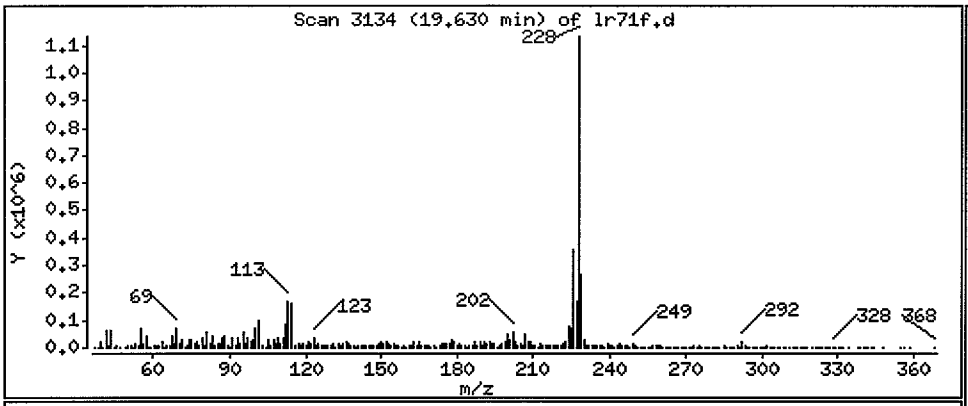
Client ID: AN-SS-11-070928 Instrument: nt6.i

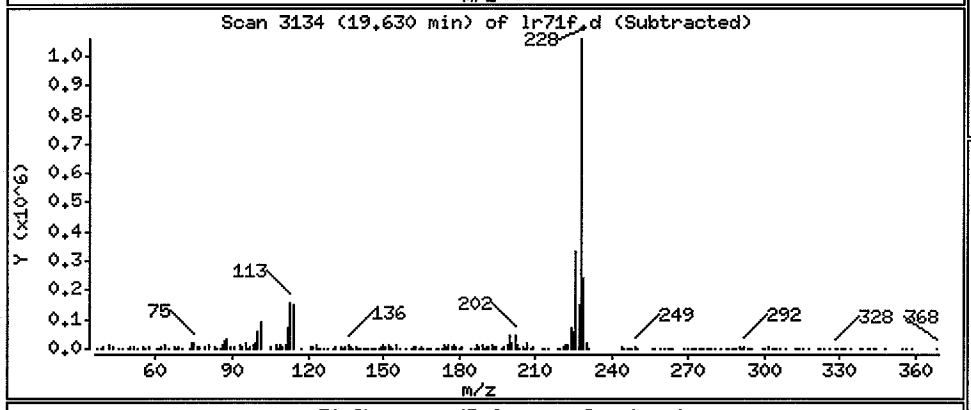
Sample Info: LR71F

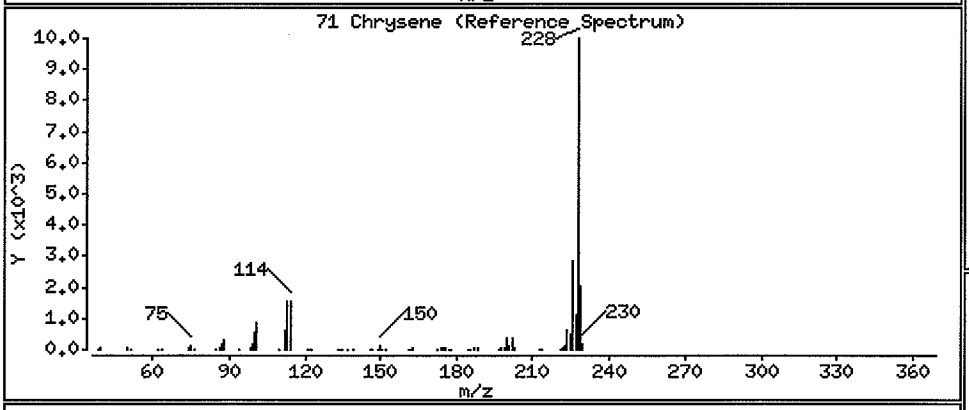
Volume Injected (uL): 1.0 Operator: LJR/VTS

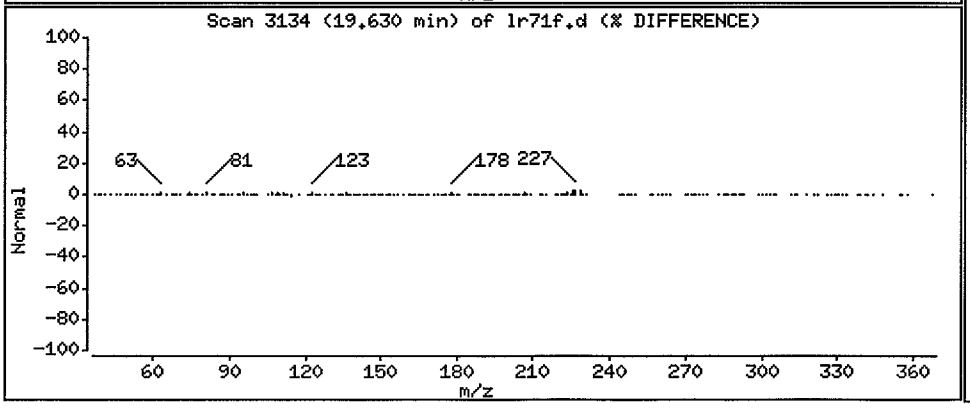
Column phase: ZB-5 Column diameter: 0.32

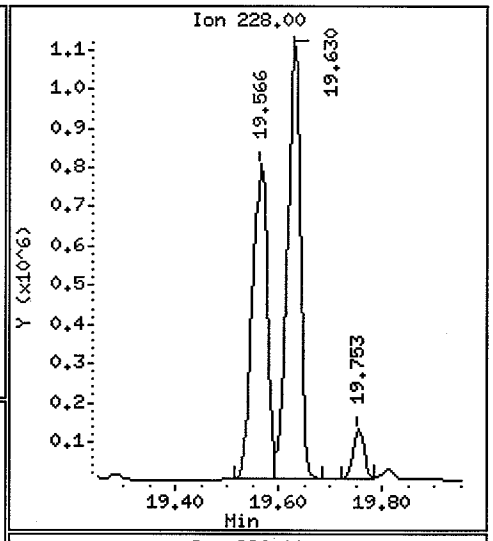
71 Chrysene Concentration: 649.2 ug/kg

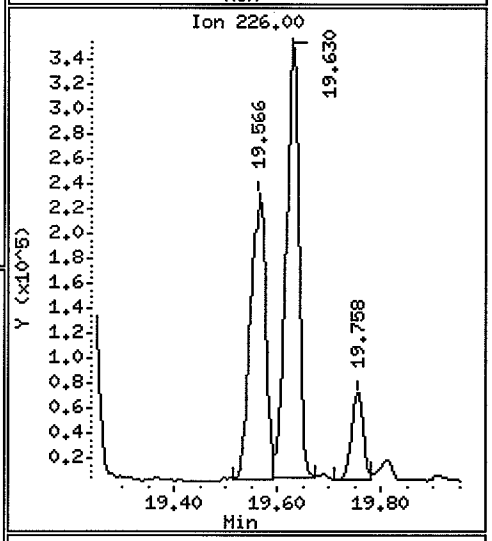


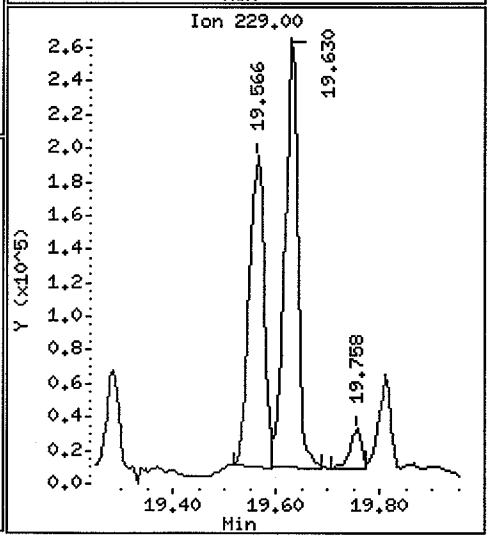












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

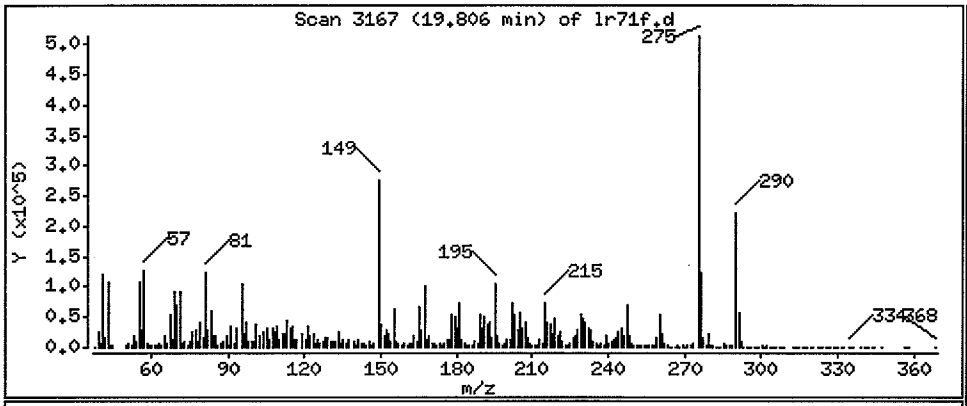
Client ID: AN-SS-11-070928 Instrument: nt6.i

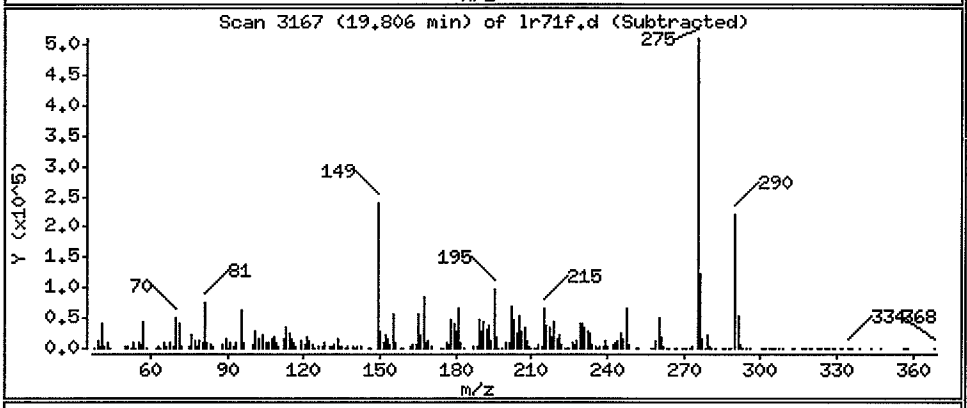
Sample Info: LR71F

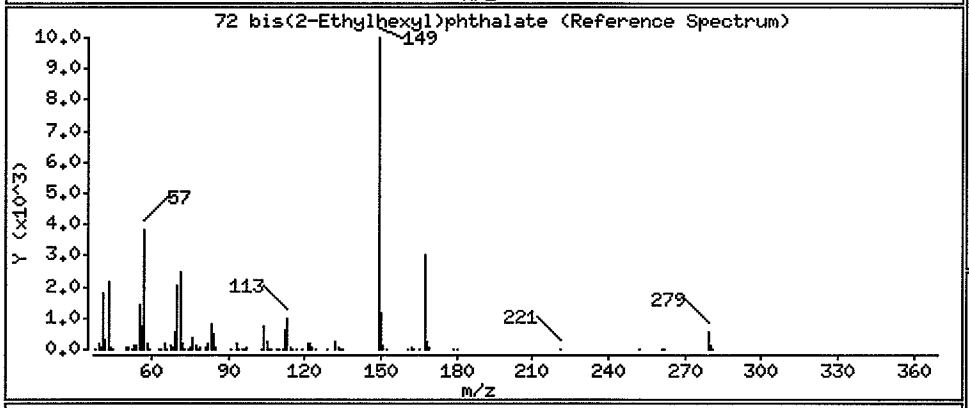
Volume Injected (uL): 1.0 Operator: LJR/VTS

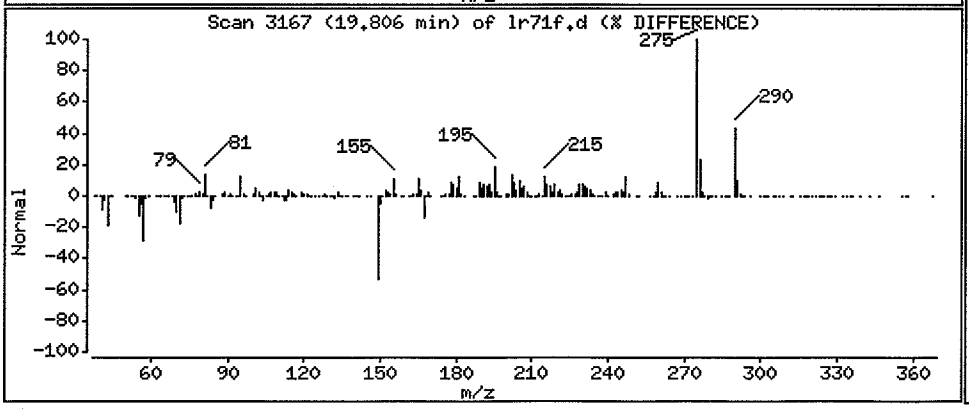
Column phase: ZB-5 Column diameter: 0.32

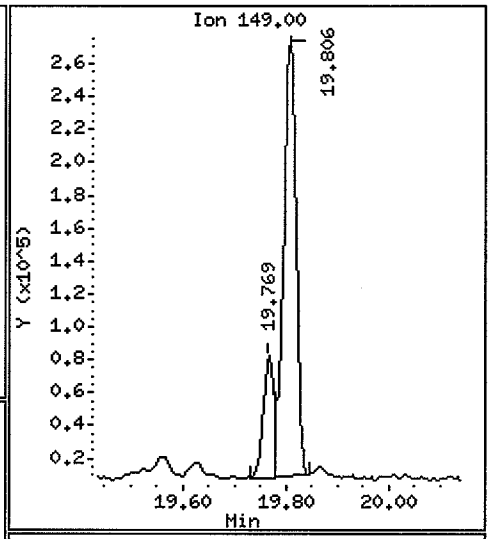
72 bis(2-Ethylhexyl)phthalate Concentration: 250.2 ug/kg

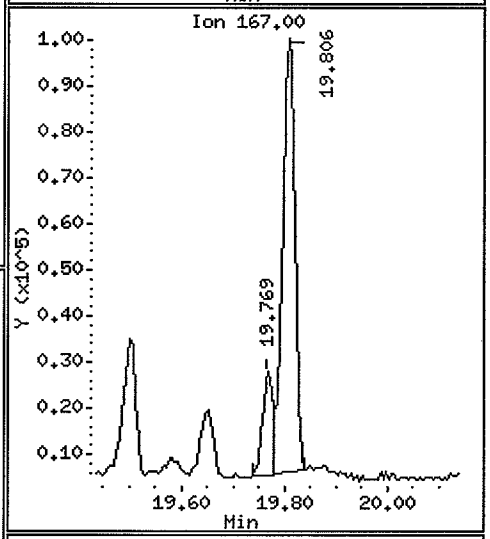


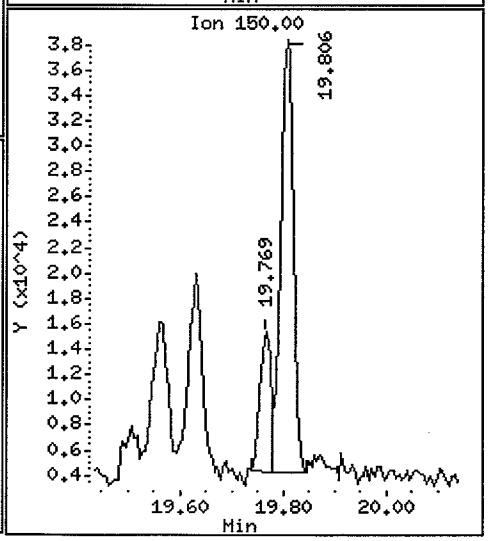












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

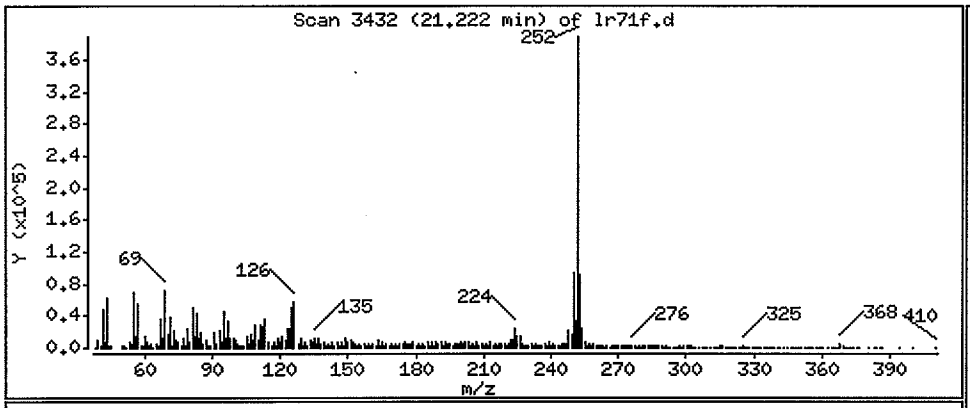
Client ID: AN-SS-11-070928 Instrument: nt6.i

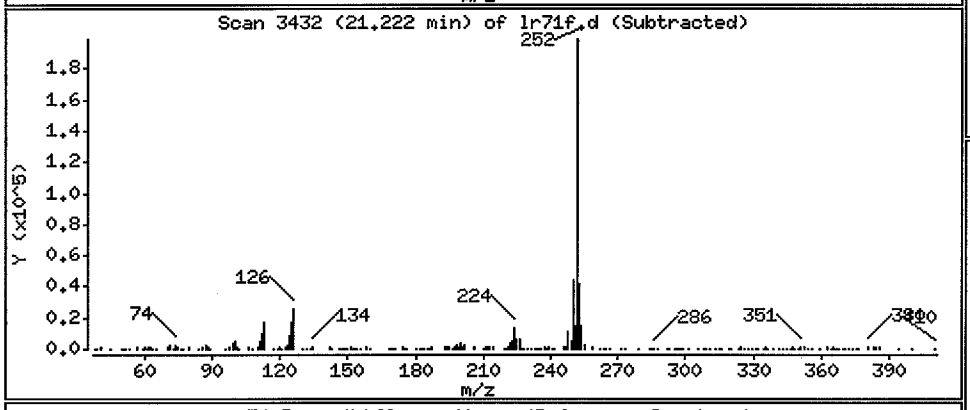
Sample Info: LR71F

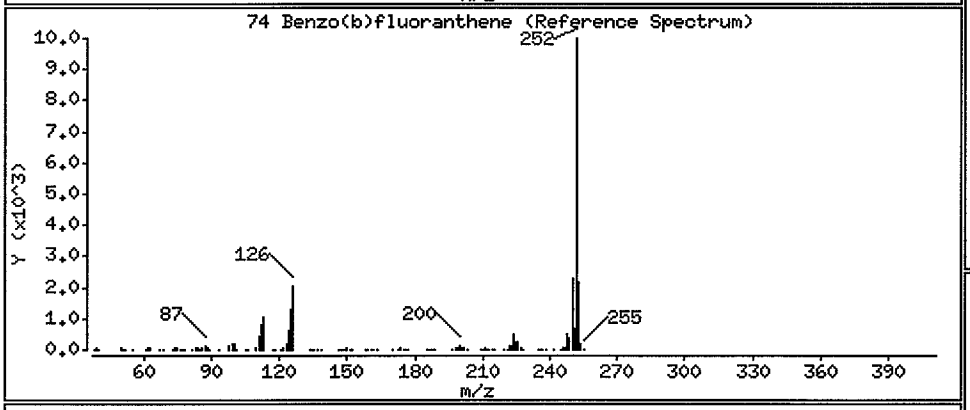
Volume Injected (uL): 1.0 Operator: LJR/VTS

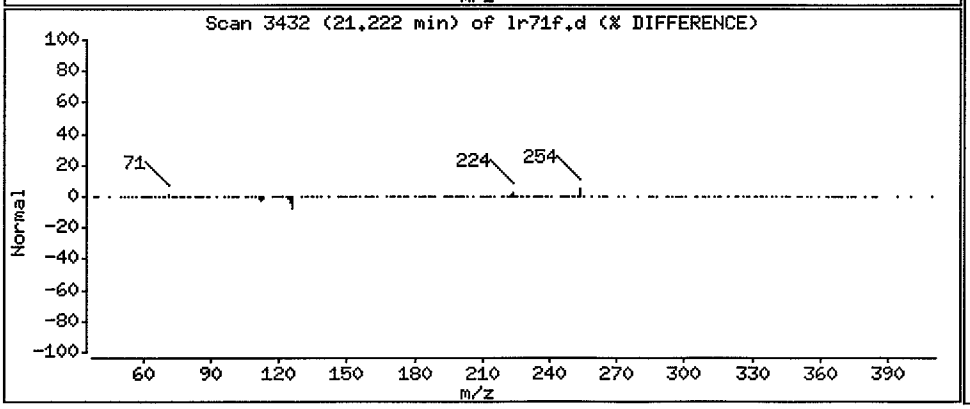
Column phase: ZB-5 Column diameter: 0.32

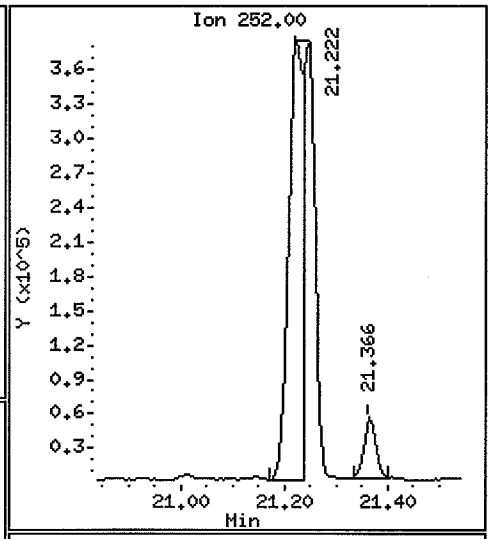
74 Benzo(b)fluoranthene Concentration: 367.3 ug/kg

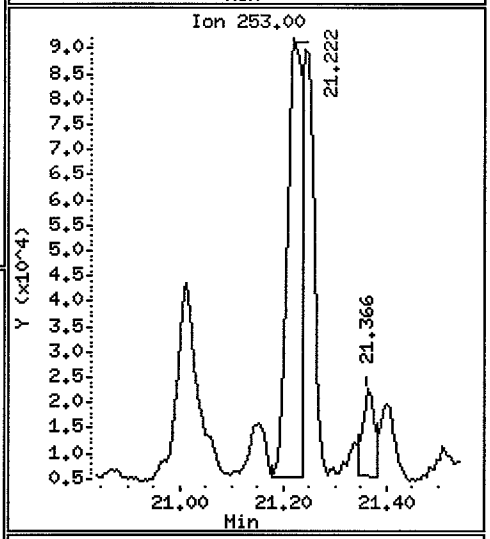


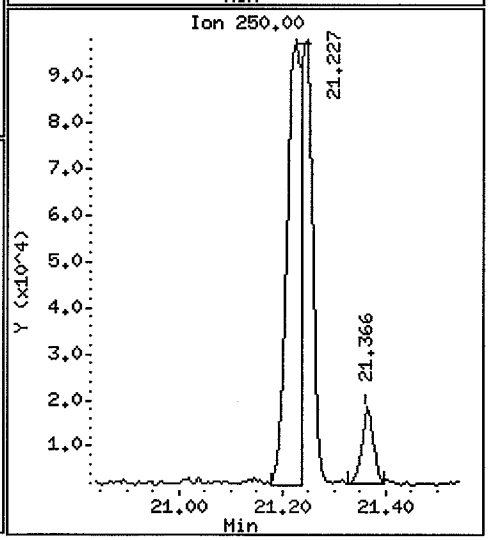












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F

Volume Injected (uL): 1.0

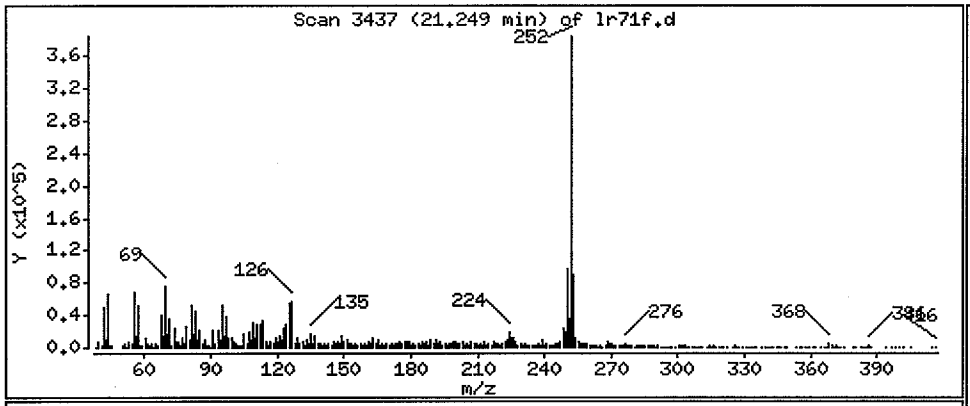
Operator: LJR/VTS

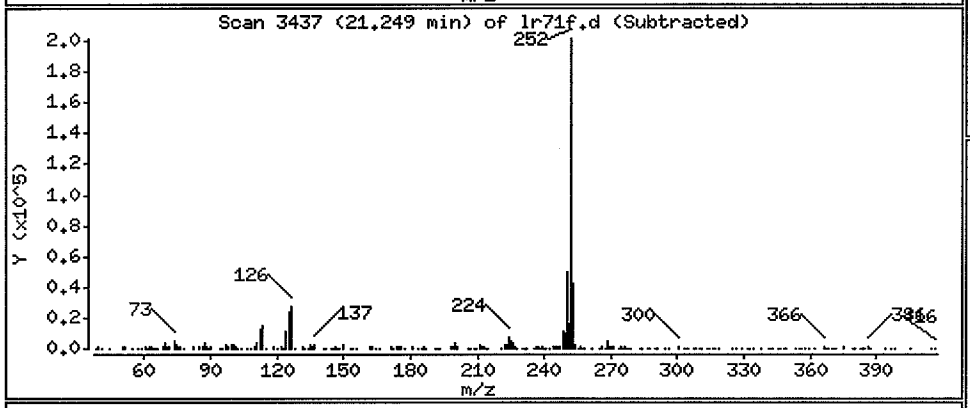
Column phase: ZB-5

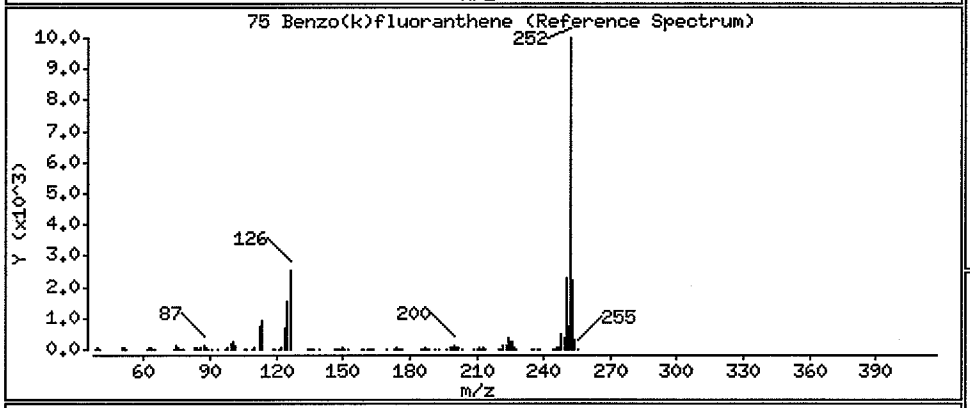
Column diameter: 0.32

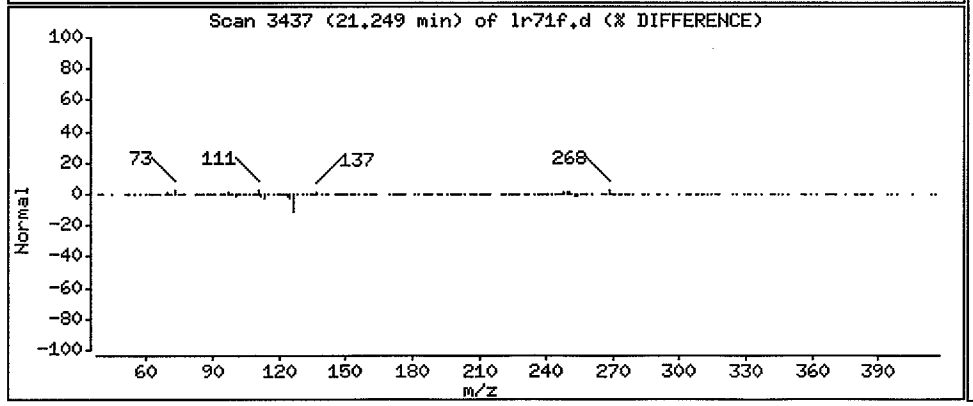
75 Benzo(k)fluoranthene

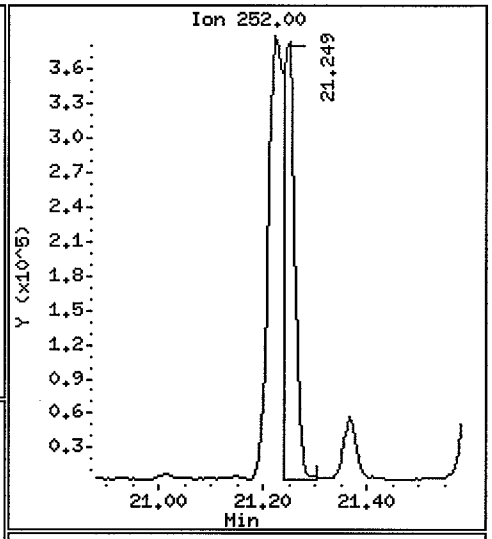
Concentration: 263.6 ug/kg

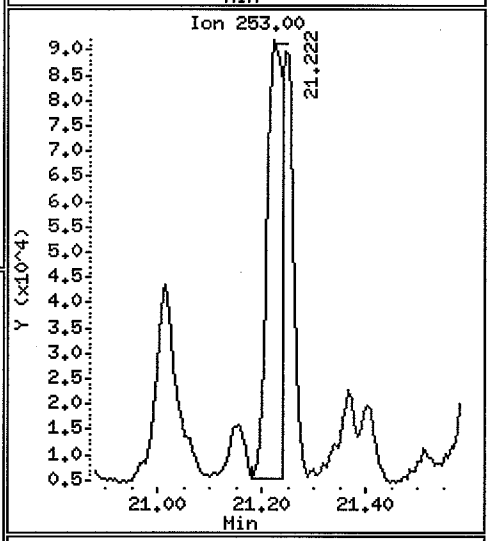


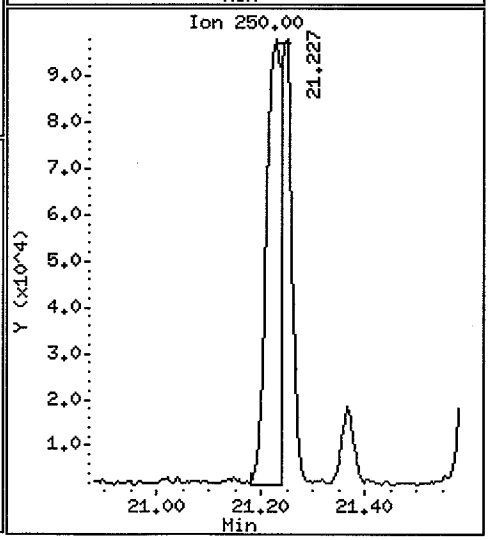












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F

Volume Injected (uL): 1.0

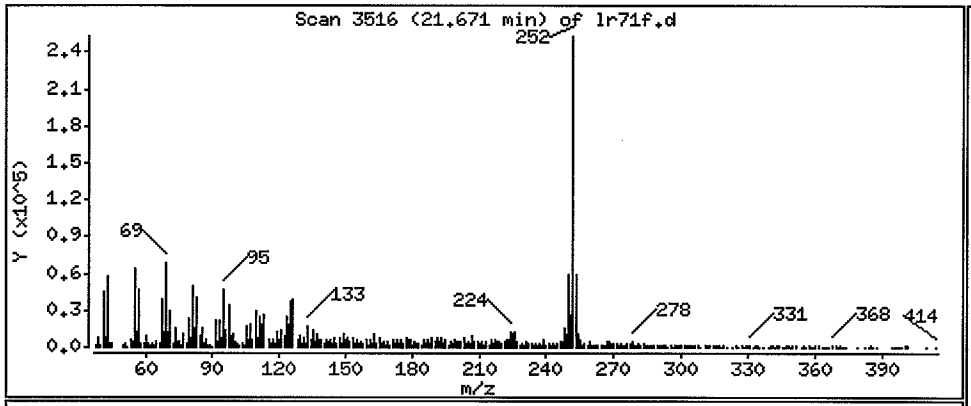
Operator: LJR/VTS

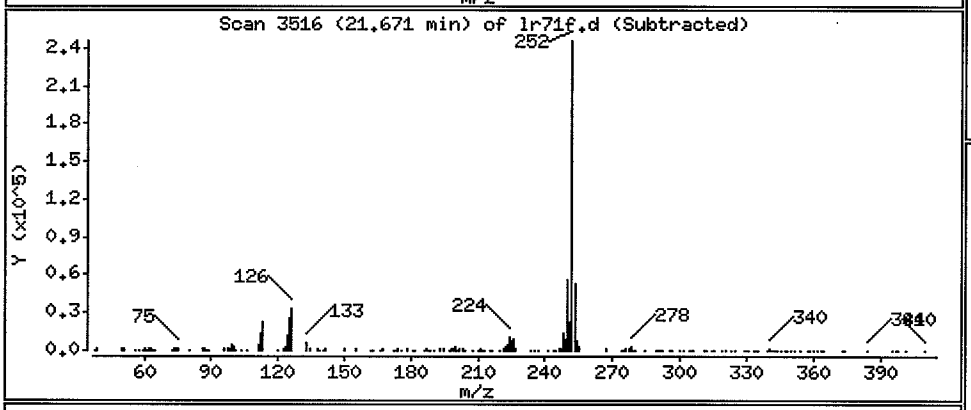
Column phase: ZB-5

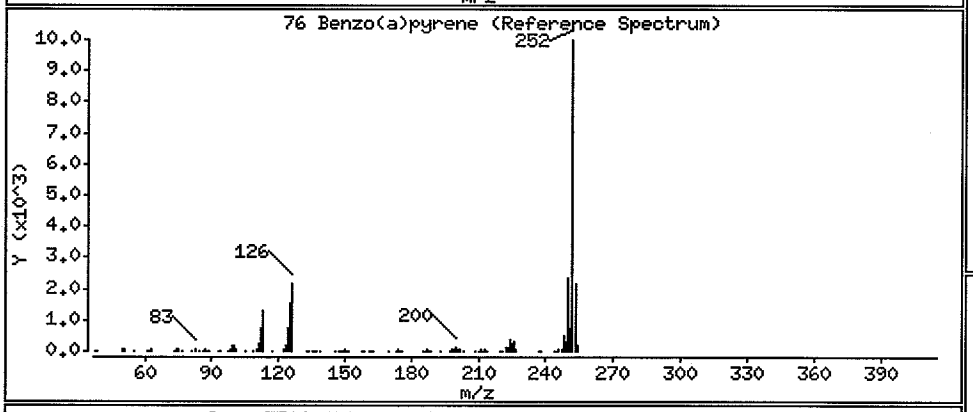
Column diameter: 0.32

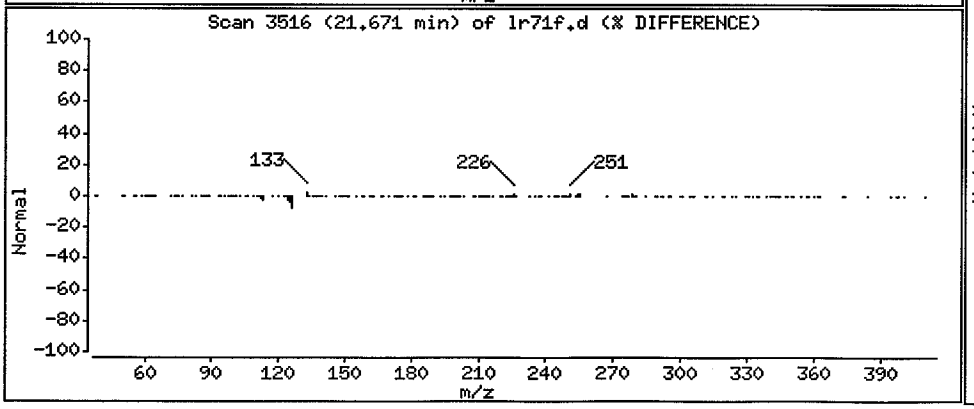
76 Benzo(a)pyrene

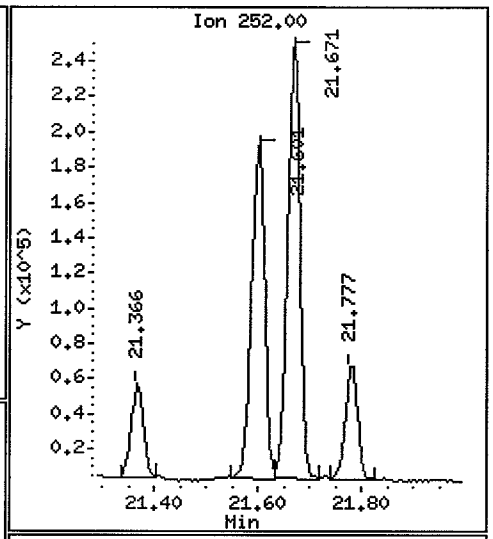
Concentration: 217.7 ug/kg

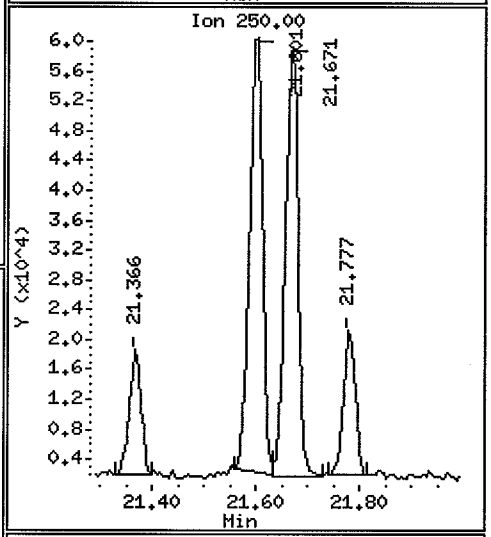


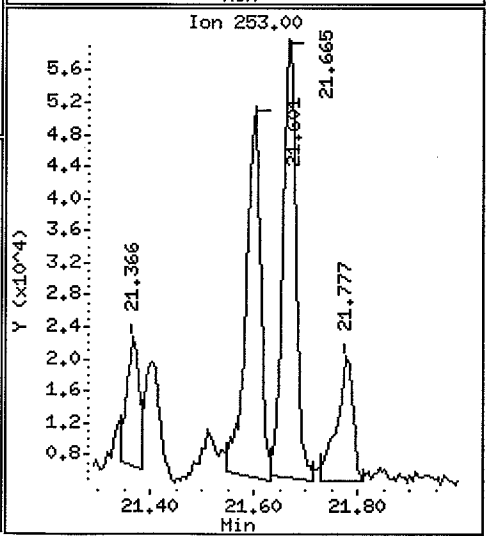












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

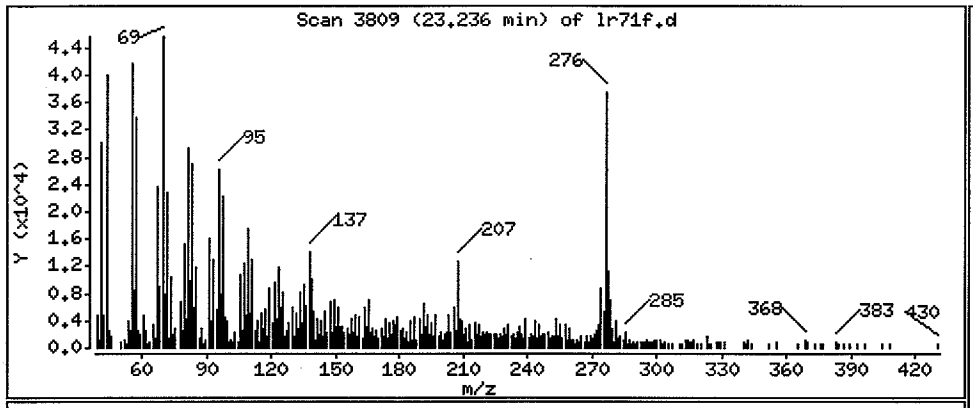
Client ID: AN-SS-11-070928 Instrument: nt6.i

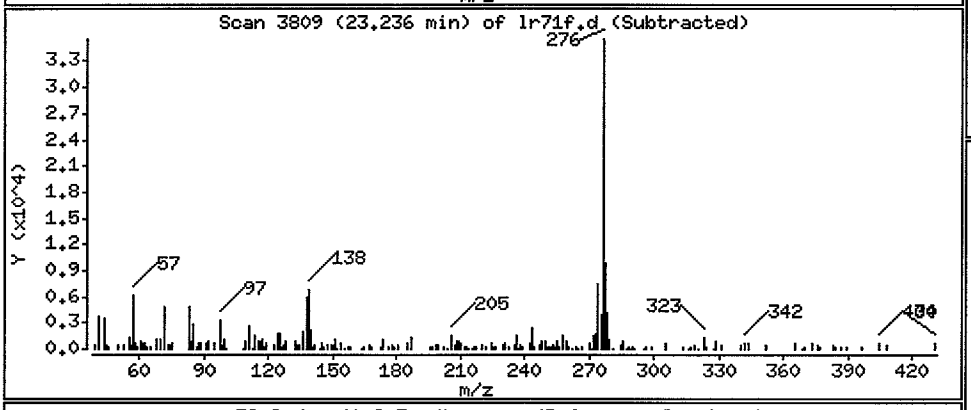
Sample Info: LR71F

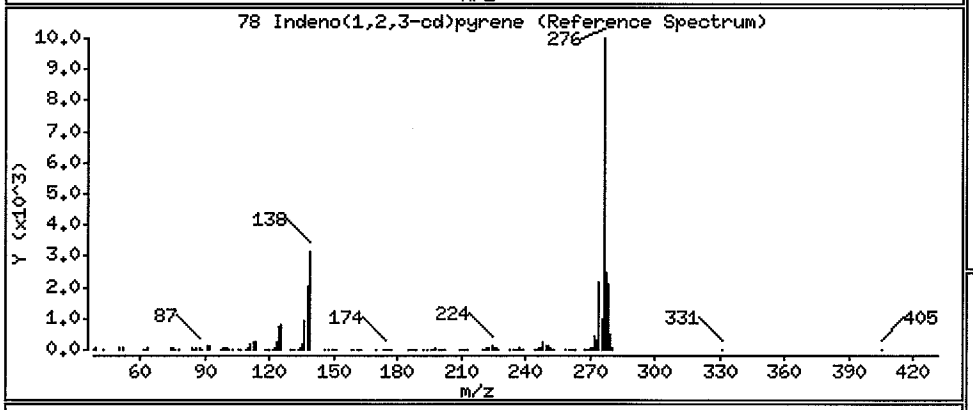
Volume Injected (uL): 1.0 Operator: LJR/VTS

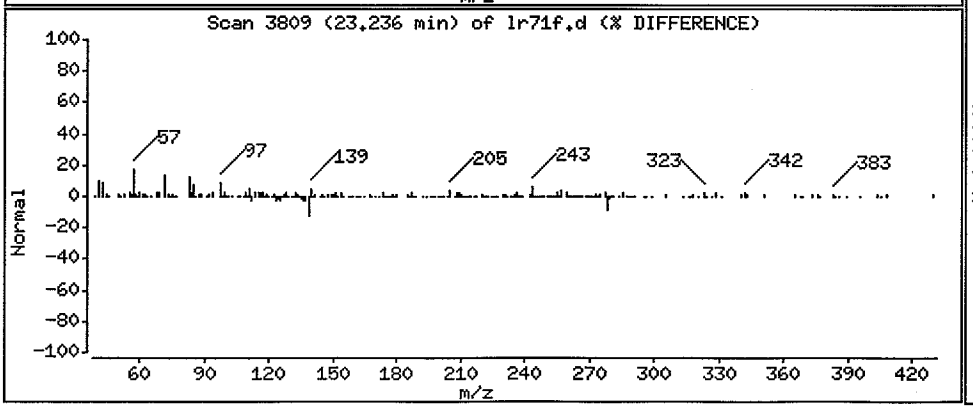
Column phase: ZB-5 Column diameter: 0.32

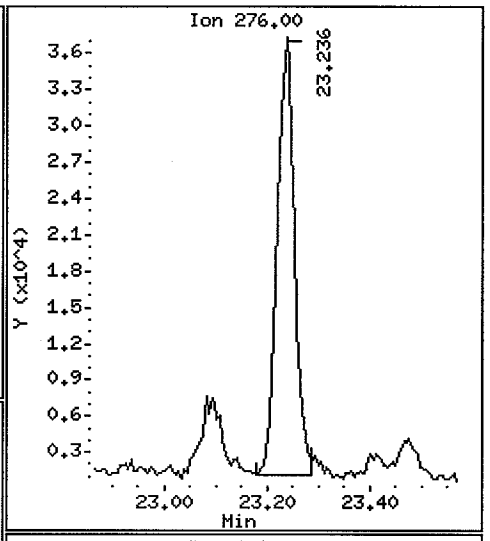
78 Indeno(1,2,3-cd)pyrene Concentration: 36.67 ug/kg

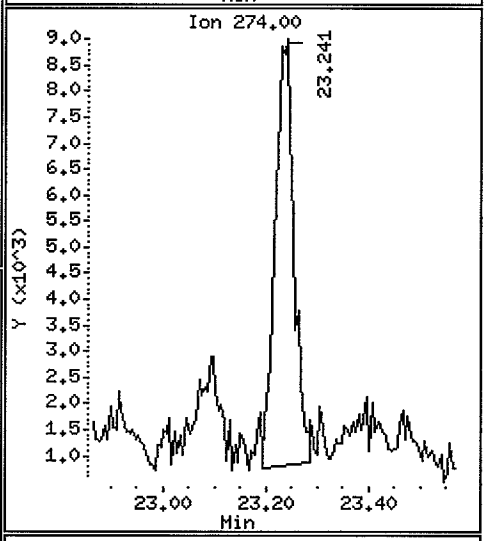


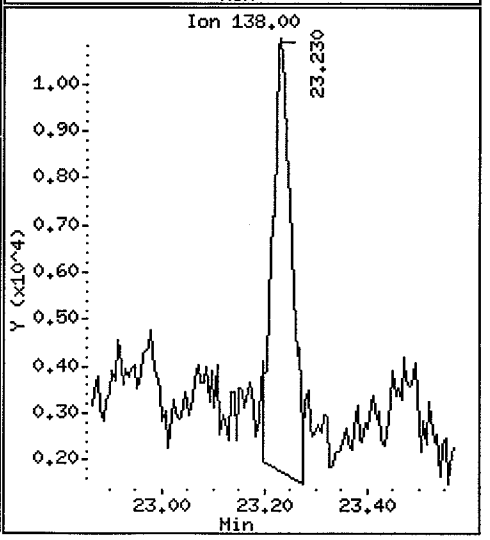












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

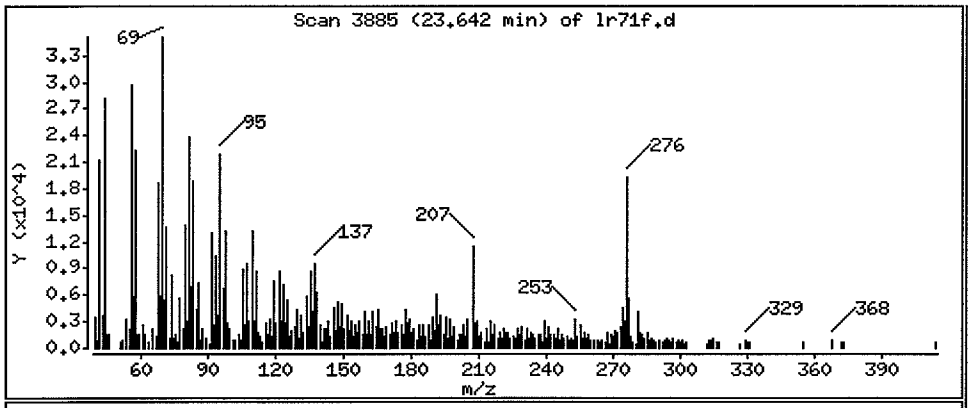
Client ID: AN-SS-11-070928 Instrument: nt6.i

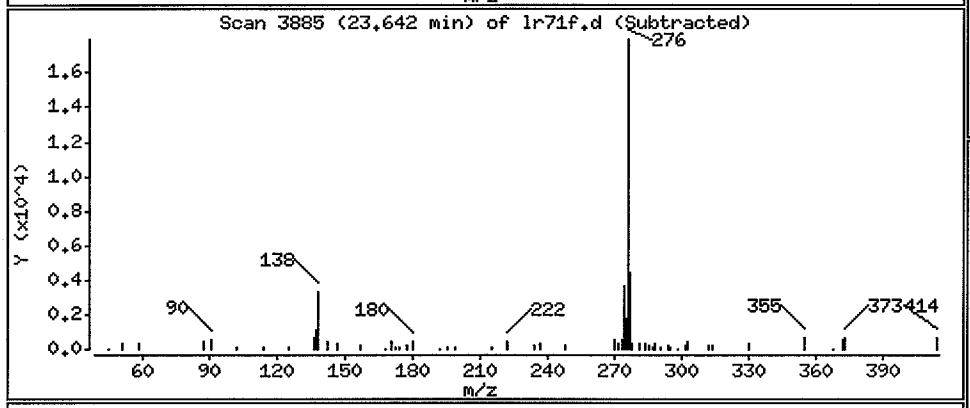
Sample Info: LR71F

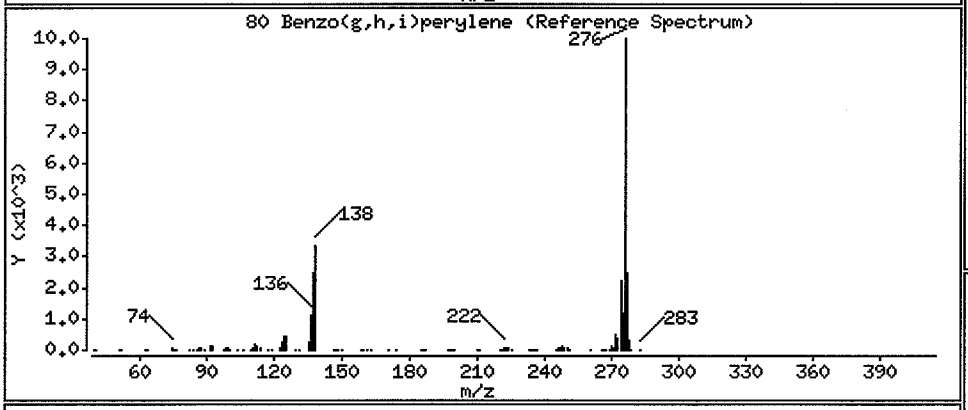
Volume Injected (uL): 1.0 Operator: LJR/VTS

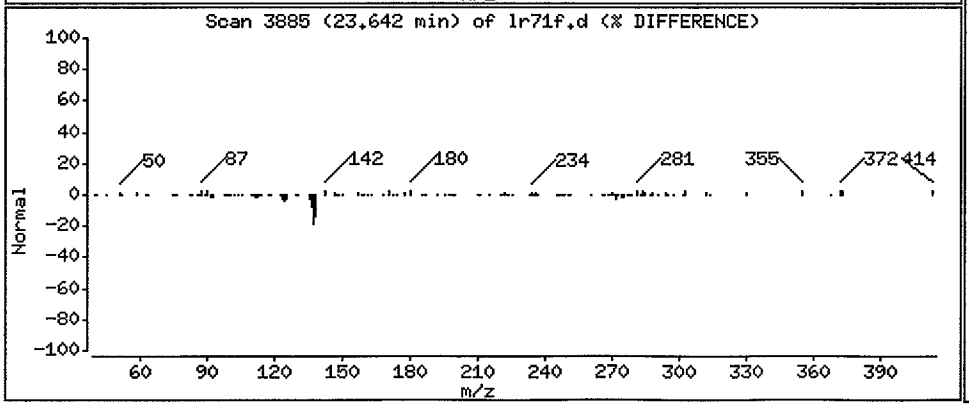
Column phase: ZB-5 Column diameter: 0.32

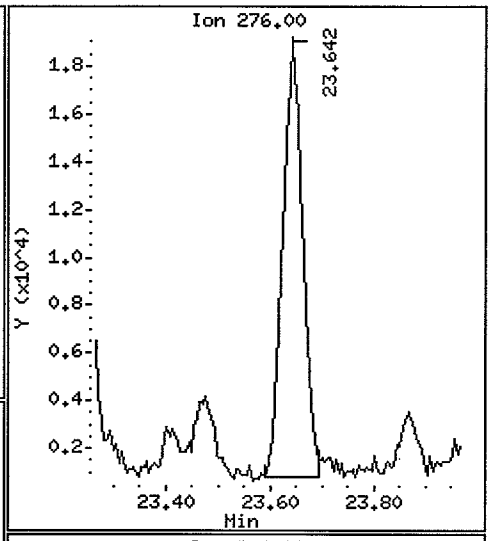
80 Benzo(g,h,i)perylene Concentration: 21.14 ug/kg

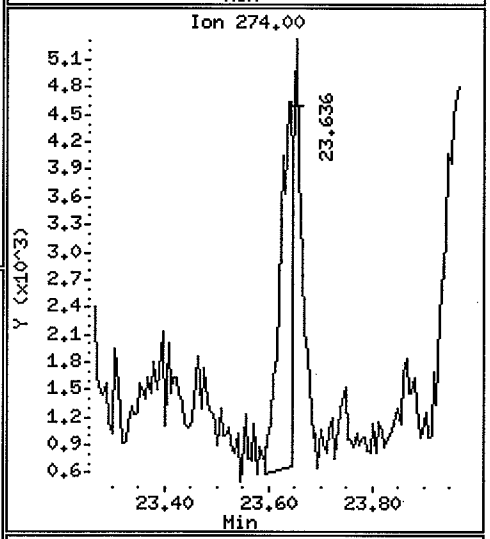


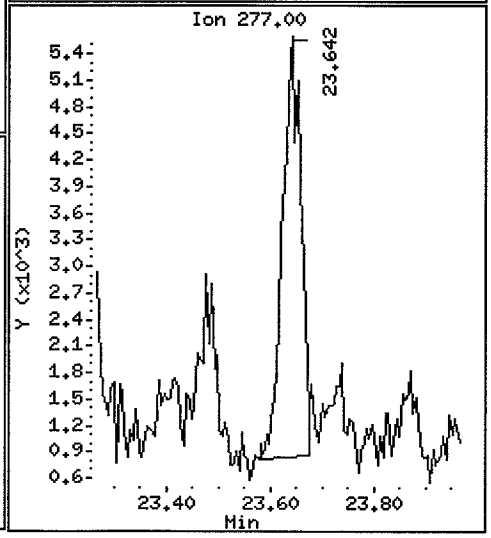












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

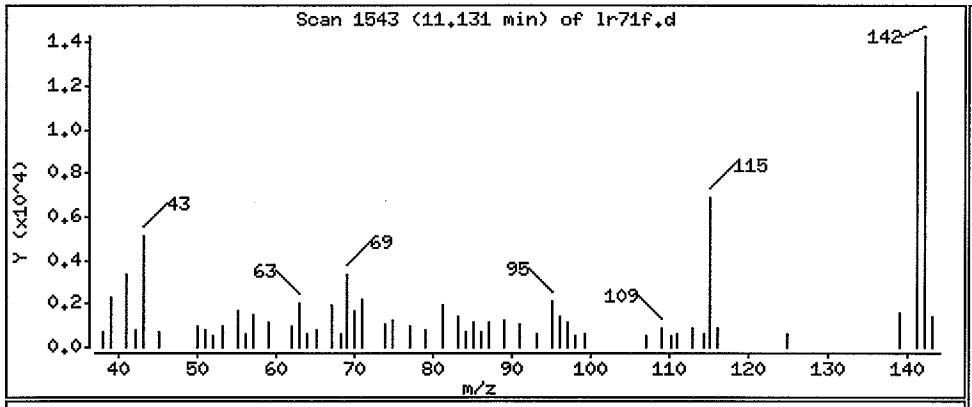
Client ID: AN-SS-11-070928 Instrument: nt6.i

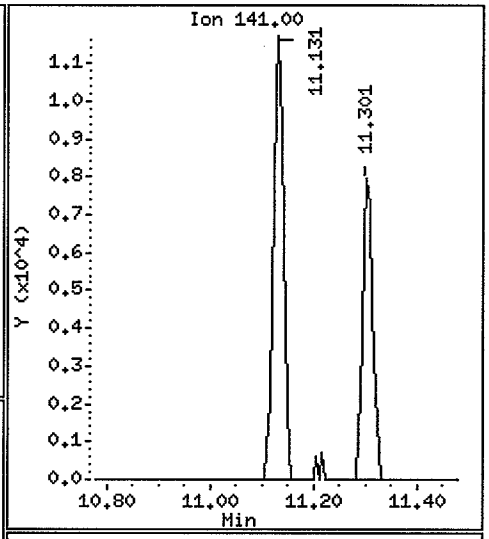
Sample Info: LR71F

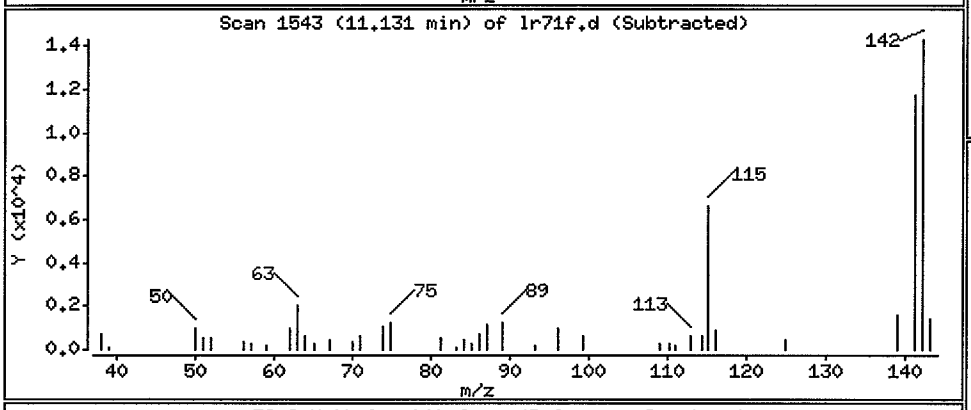
Volume Injected (uL): 1.0 Operator: LJR/VTS

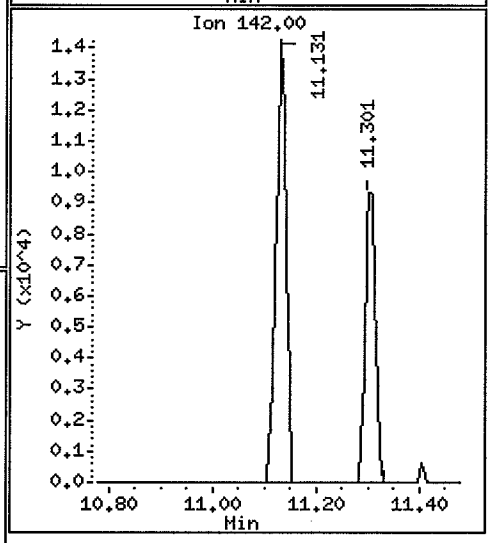
Column phase: ZB-5 Column diameter: 0.32

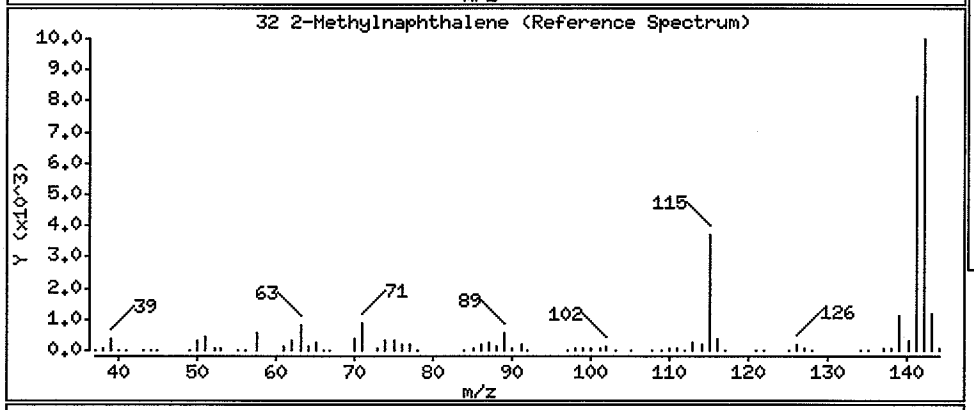
32 2-Methylnaphthalene Concentration: 16.62 ug/kg

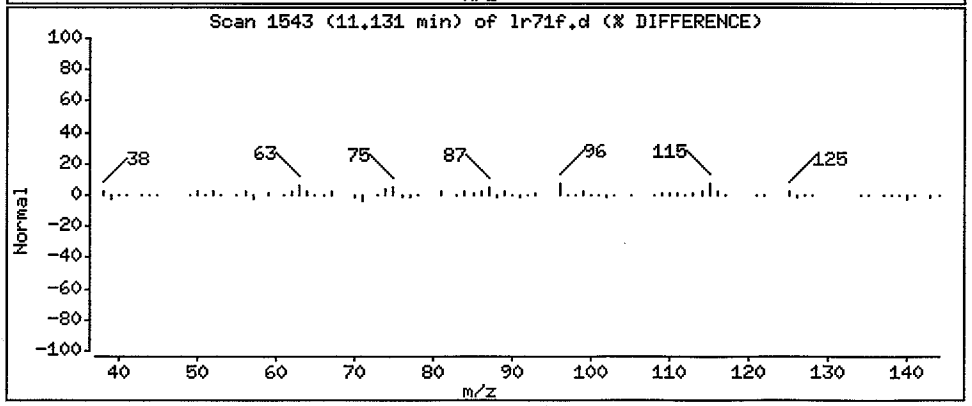












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

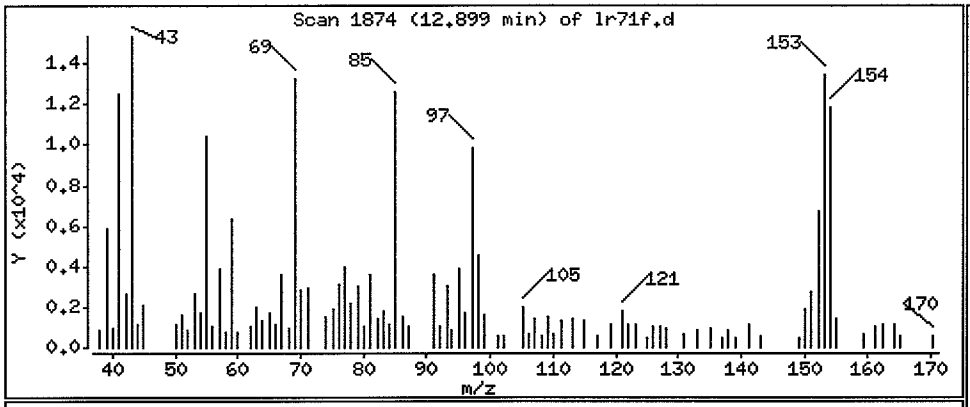
Client ID: AN-SS-11-070928 Instrument: nt6.i

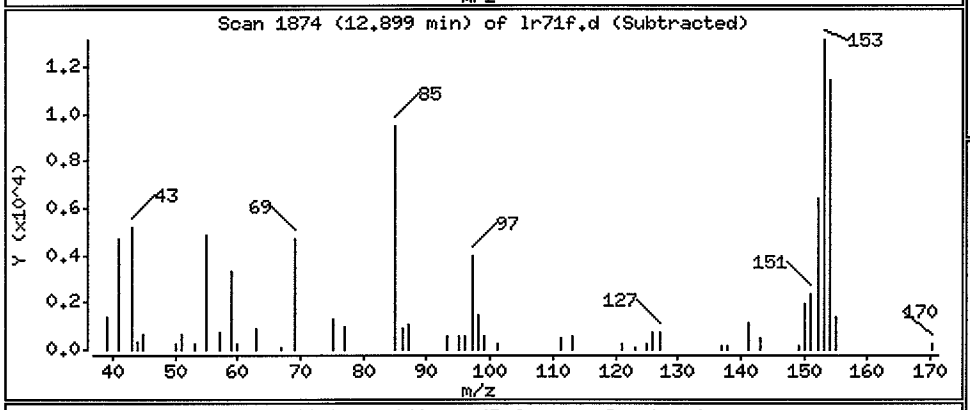
Sample Info: LR71F

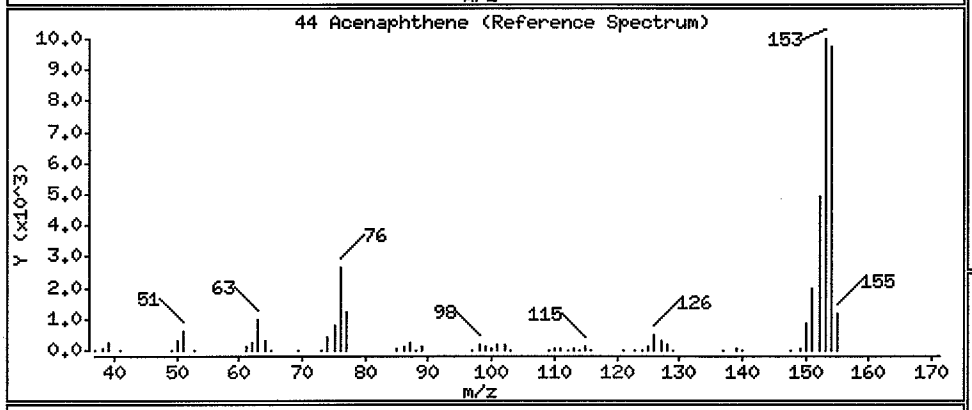
Volume Injected (uL): 1.0 Operator: LJR/VTS

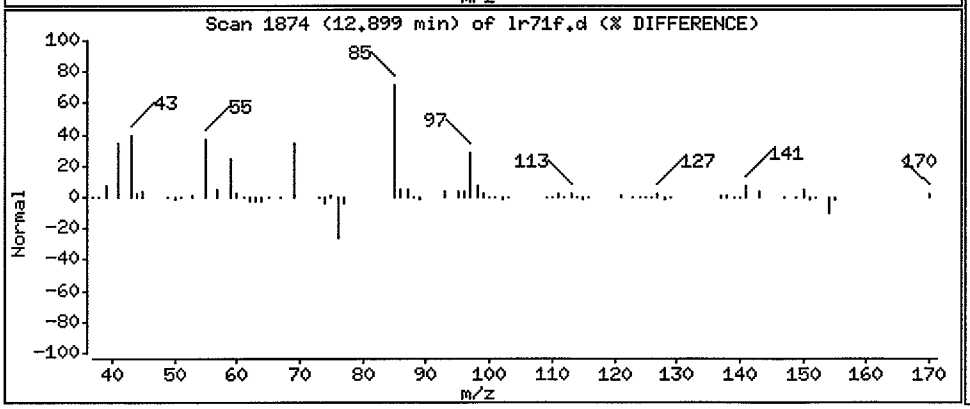
Column phase: ZB-5 Column diameter: 0.32

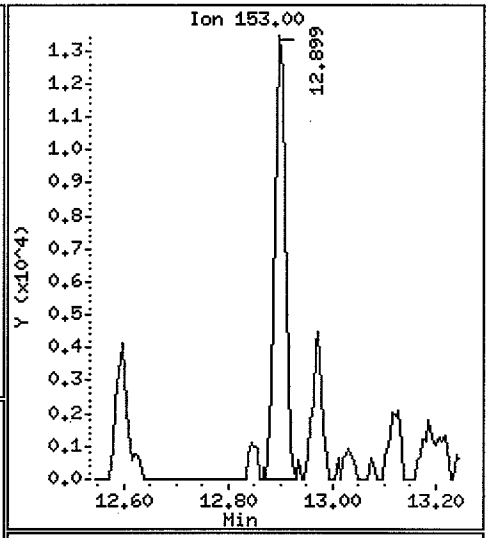
44 Acenaphthene Concentration: 16.05 ug/kg

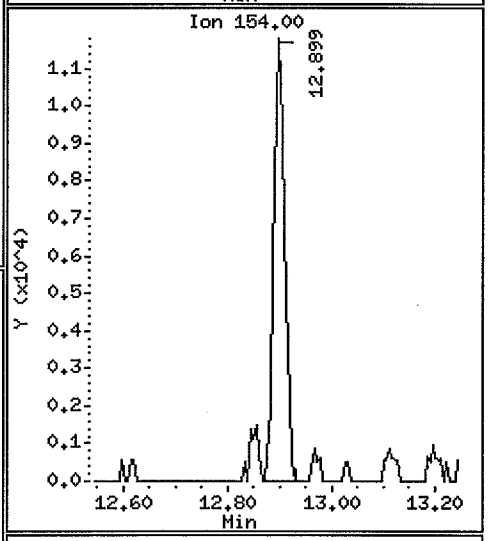


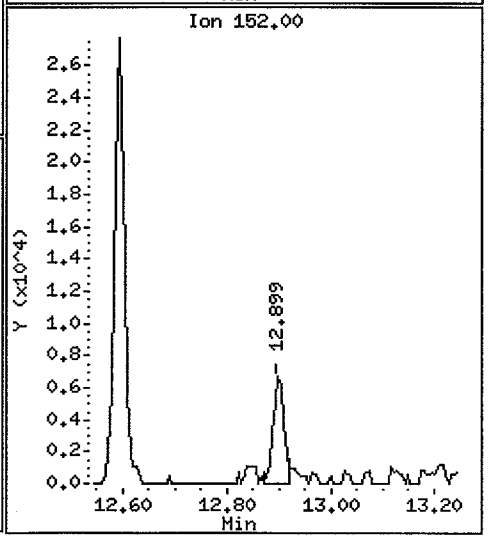












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

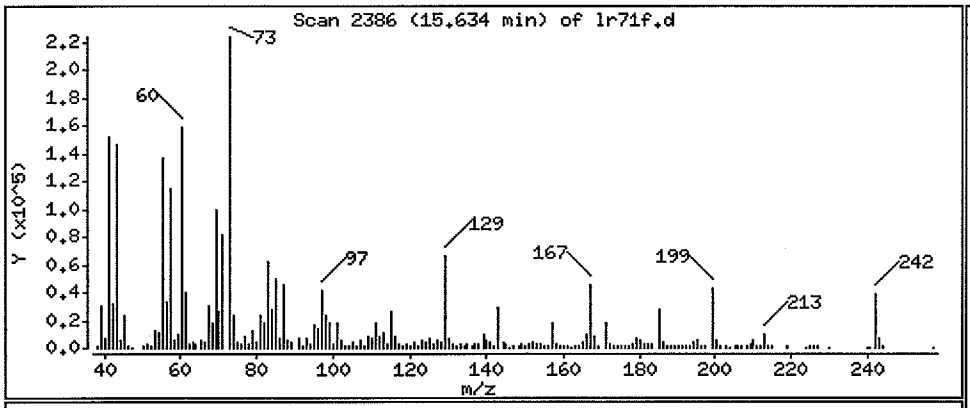
Client ID: AN-SS-11-070928 Instrument: nt6.i

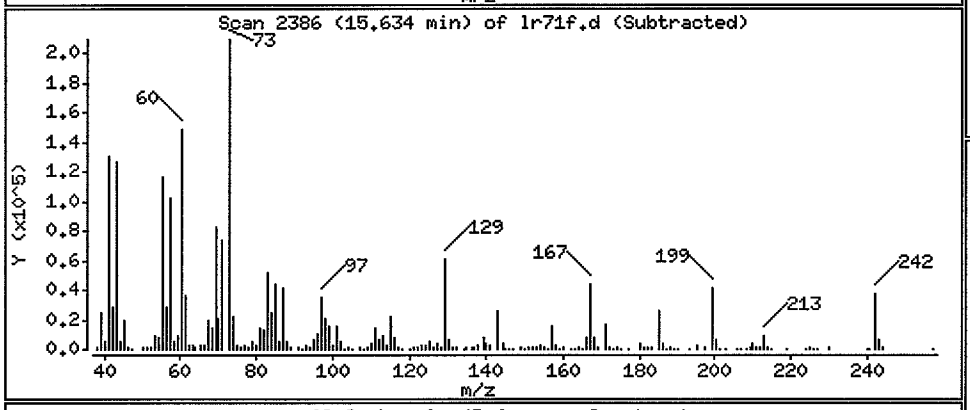
Sample Info: LR71F

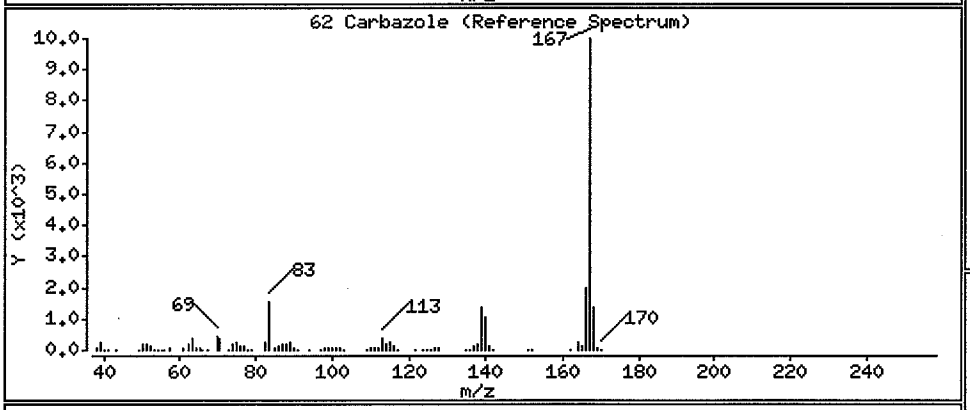
Volume Injected (uL): 1.0 Operator: LJR/VTS

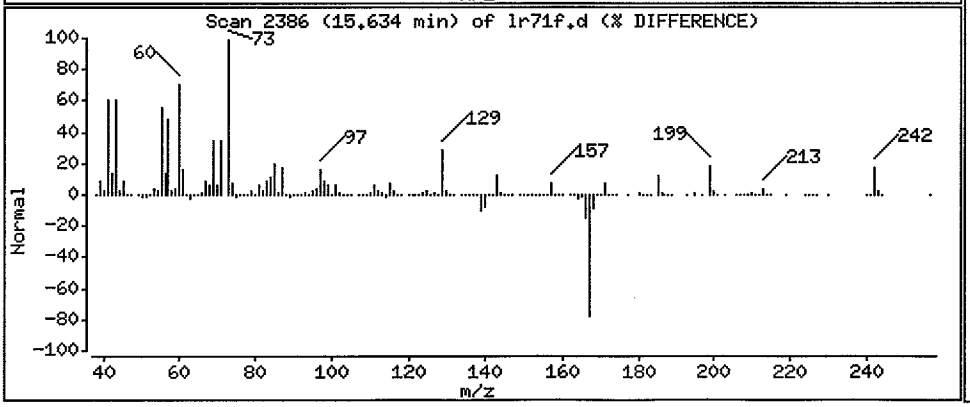
Column phase: ZB-5 Column diameter: 0.32

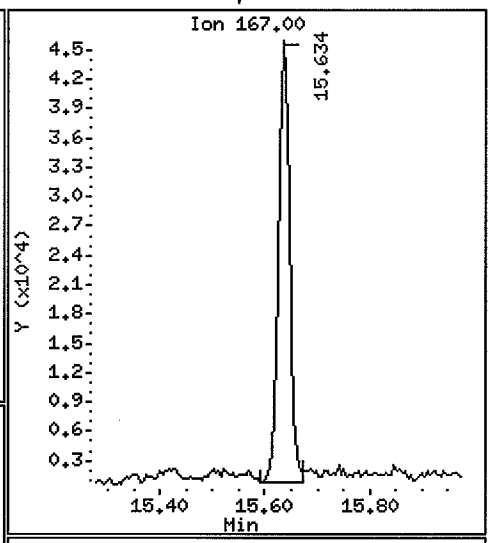
62 Carbazole Concentration: 36.35 ug/kg

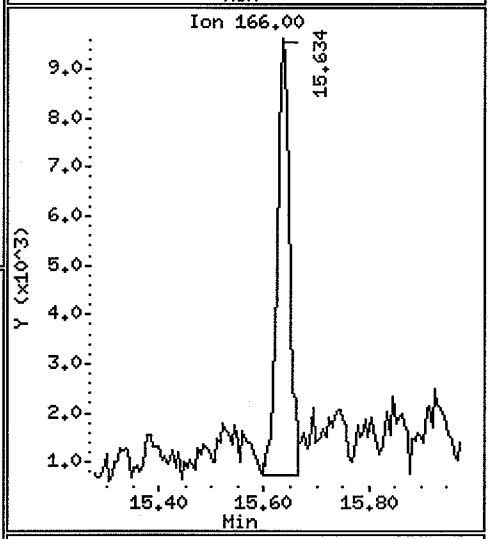


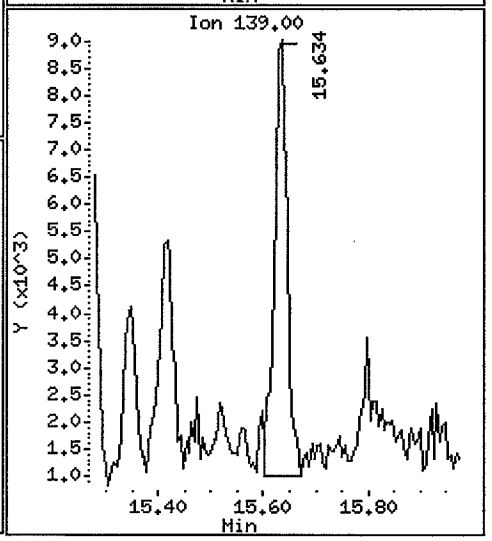












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

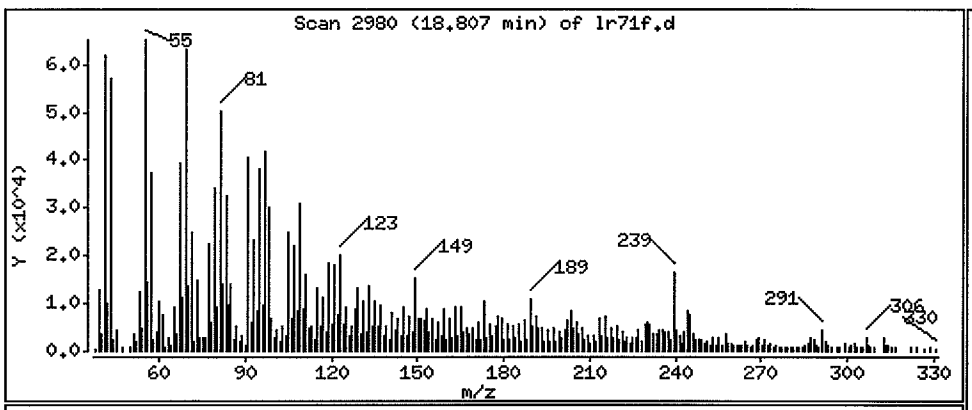
Client ID: AN-SS-11-070928 Instrument: nt6.i

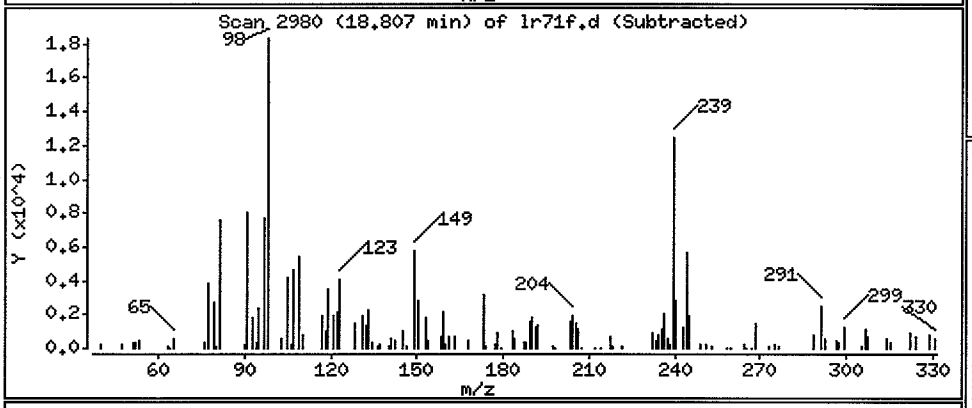
Sample Info: LR71F

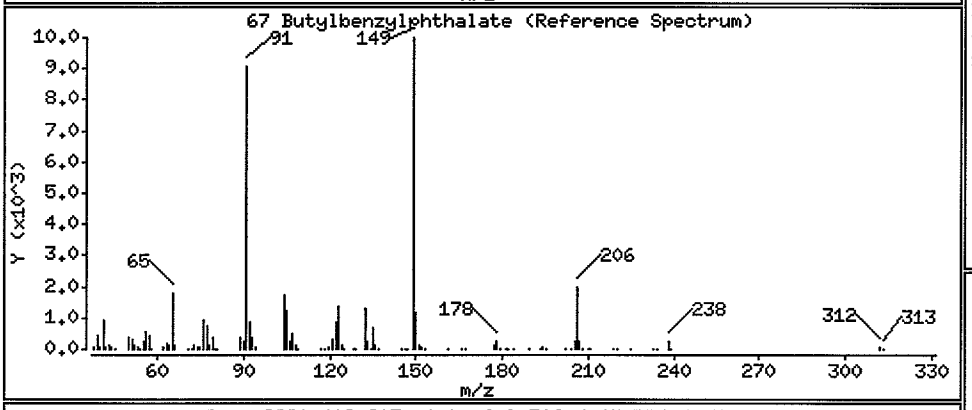
Volume Injected (uL): 1.0 Operator: LJR/VTS

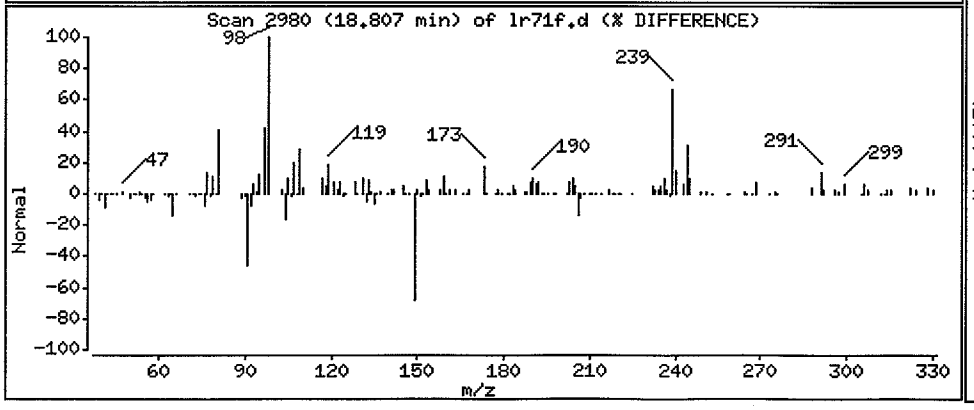
Column phase: ZB-5 Column diameter: 0.32

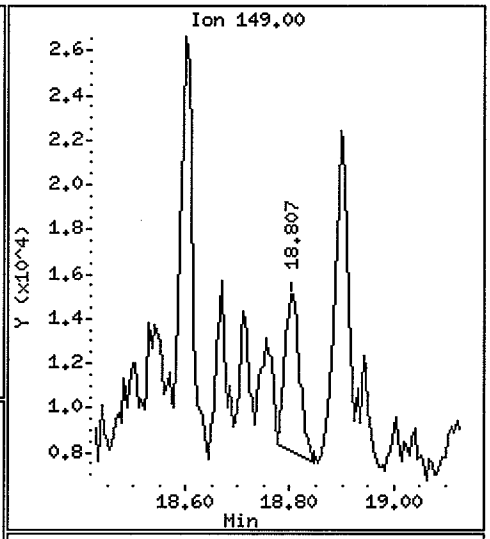
67 Butylbenzylphthalate Concentration: 10.43 ug/kg

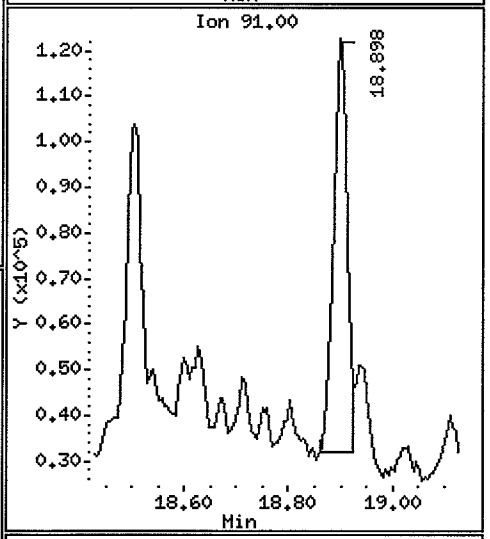


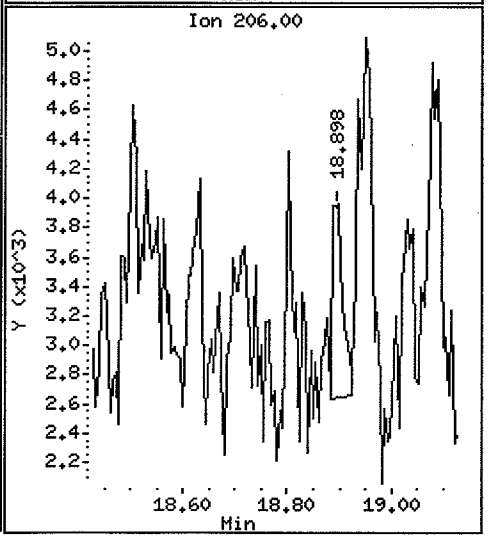












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F

Volume Injected (uL): 1.0

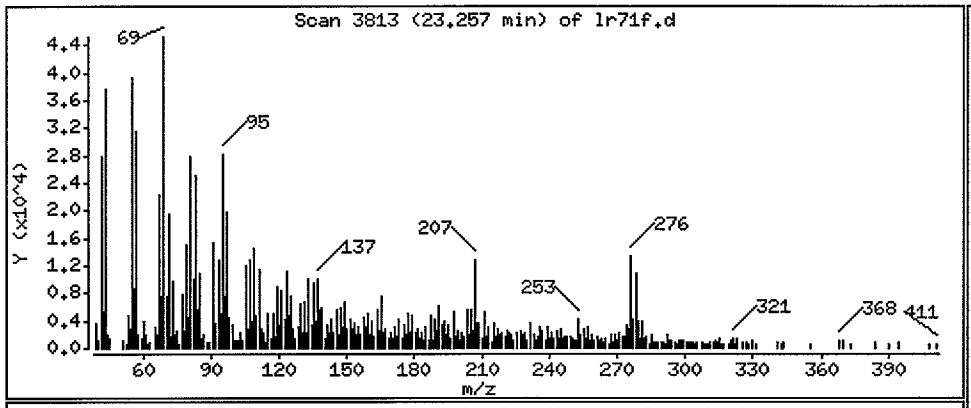
Operator: LJR/VTS

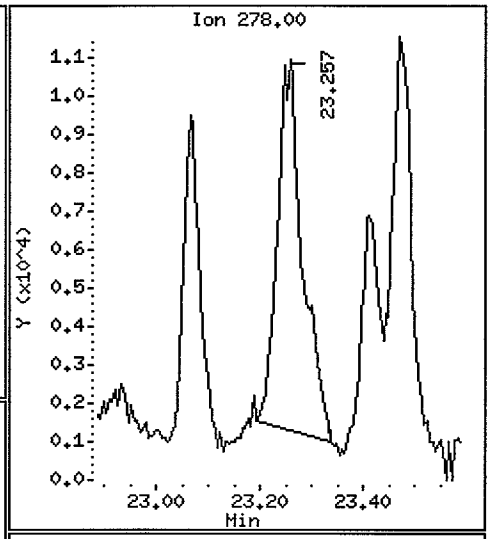
Column phase: ZB-5

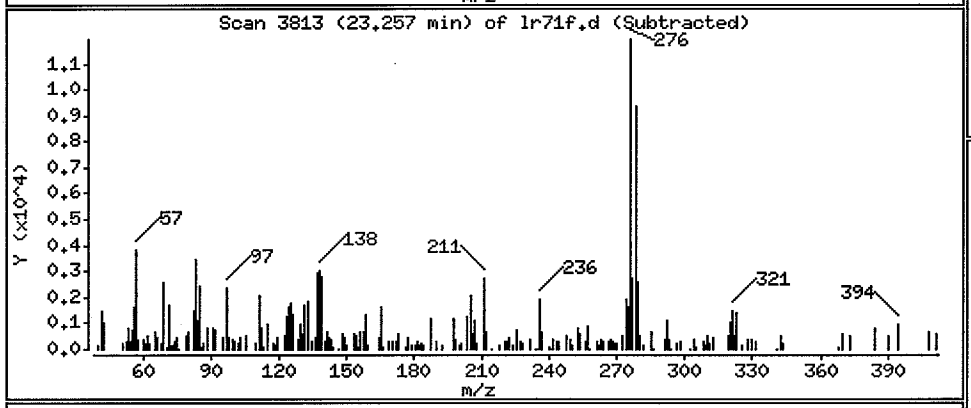
Column diameter: 0.32

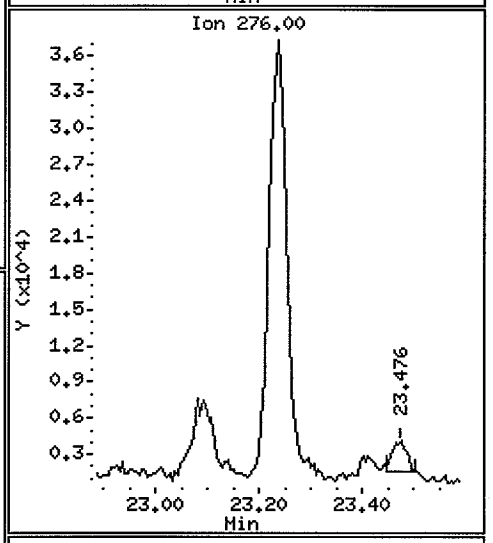
79 Dibenzo(a,h)anthracene

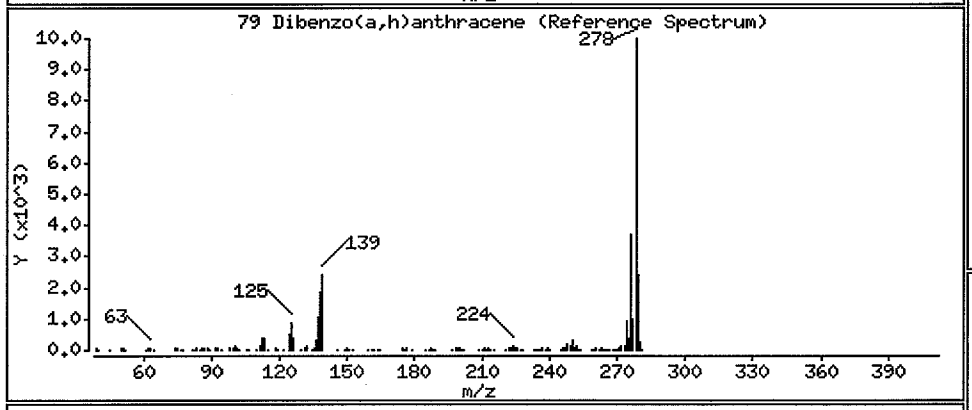
Concentration: 16.76 ug/kg

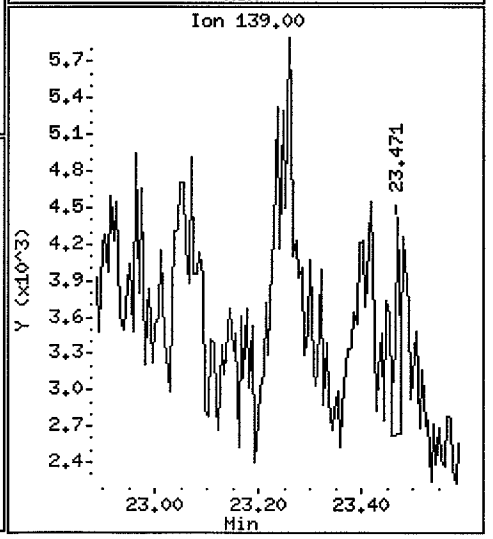


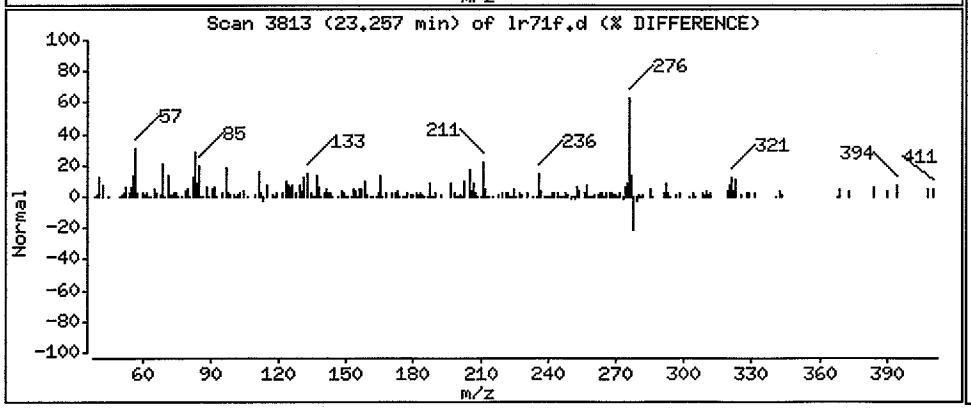












Data File: /chem1/nt6.i/20071018.b/lr71f.d

Date : 18-OCT-2007 18:36

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F

Volume Injected (uL): 1.0

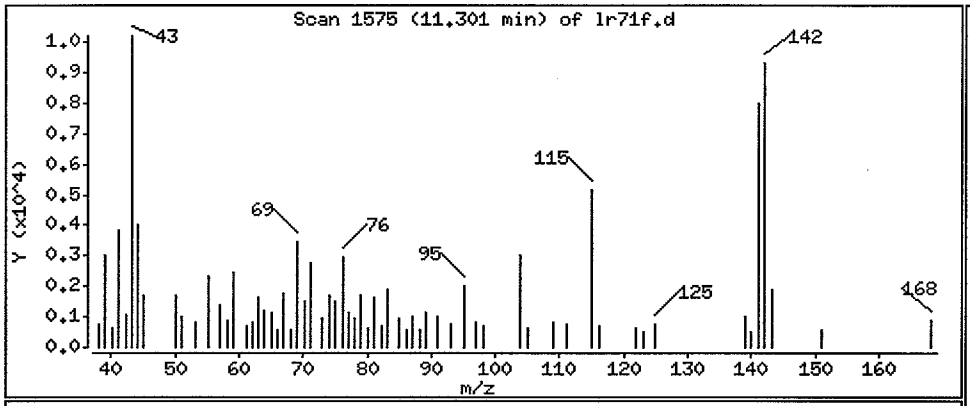
Operator: LJR/VTS

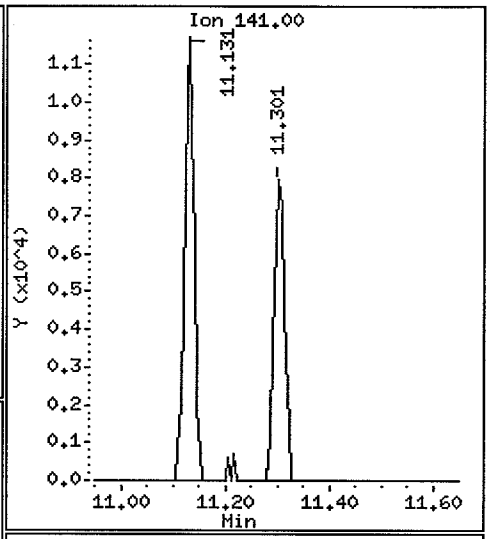
Column phase: ZB-5

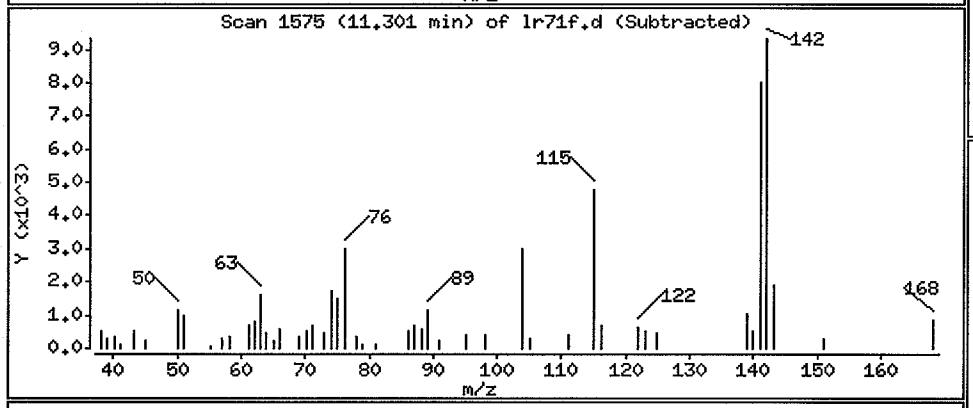
Column diameter: 0.32

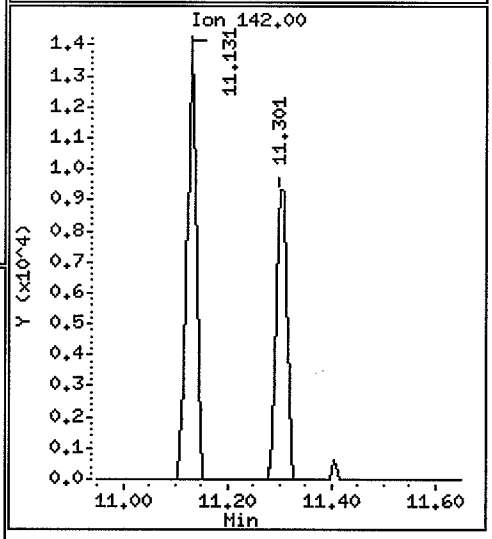
105 1-methylnaphthalene

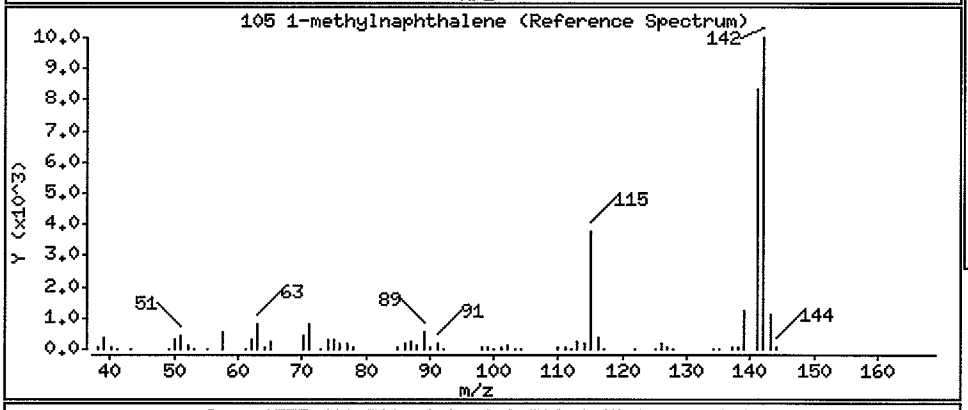
Concentration: 12.02 ug/kg

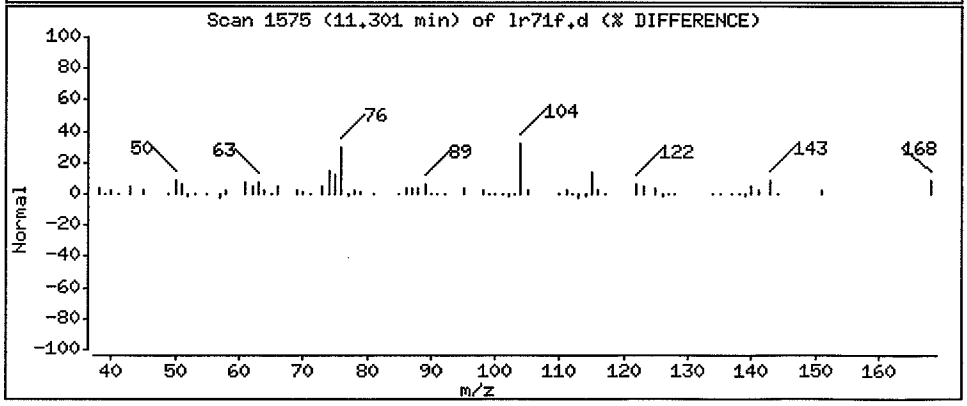












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS
Page 1 of 2

Sample ID: AN-SS-11-070928
DILUTION

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/19/07 17:51
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.3 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 3.00
Percent Moisture: 32.9%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	60	< 60 U
541-73-1	1,3-Dichlorobenzene	60	< 60 U
106-46-7	1,4-Dichlorobenzene	60	< 60 U
100-51-6	Benzyl Alcohol	60	< 60 U
95-50-1	1,2-Dichlorobenzene	60	< 60 U
95-48-7	2-Methylphenol	60	< 60 U
106-44-5	4-Methylphenol	60	< 60 U
67-72-1	Hexachloroethane	60	< 60 U
105-67-9	2,4-Dimethylphenol	60	< 60 U
65-85-0	Benzoic Acid	600	< 600 U
120-82-1	1,2,4-Trichlorobenzene	30	< 30 UJ
91-20-3	Naphthalene	60	< 60 U
87-68-3	Hexachlorobutadiene	60	< 60 U
91-57-6	2-Methylnaphthalene	60	< 60 U
131-11-3	Dimethylphthalate	60	< 60 U
208-96-8	Acenaphthylene	60	< 60 U
83-32-9	Acenaphthene	60	< 60 U
132-64-9	Dibenzofuran	60	< 60 U
84-66-2	Diethylphthalate	60	< 60 U
86-73-7	Fluorene	60	< 60 U
86-30-6	N-Nitrosodiphenylamine	60	< 60 U
118-74-1	Hexachlorobenzene	30	< 30 UJ
87-86-5	Pentachlorophenol	300	< 300 U
85-01-8	**Phenanthrene**	**60**	**300**
120-12-7	**Anthracene**	**60**	**120**
84-74-2	Di-n-Butylphthalate	60	< 60 U
206-44-0	**Fluoranthene**	**60**	**2,600**
129-00-0	**Pyrene**	**60**	**1,400**
85-68-7	Butylbenzylphthalate	60	< 60 U
56-55-3	**Benzo(a)anthracene**	**60**	**530**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**60**	**270**
218-01-9	**Chrysene**	**60**	**690**
117-84-0	Di-n-Octyl phthalate	60	< 60 U
205-99-2	**Benzo(b)fluoranthene**	**60**	**290**
207-08-9	**Benzo(k)fluoranthene**	**60**	**300**
50-32-8	**Benzo(a)pyrene**	**60**	**220**
193-39-5	Indeno(1,2,3-cd)pyrene	60	< 60 U
53-70-3	Dibenz(a,h)anthracene	60	< 60 U
191-24-2	Benzo(g,h,i)perylene	60	< 60 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-11-070928**
 DILUTION

Lab Sample ID: LR71F QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20771 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/19/07 17:51

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	60	< 60 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	51.0%	2-Fluorobiphenyl	50.0%
d14-p-Terphenyl	57.5%	d4-1,2-Dichlorobenzene	44.5%
d5-Phenol	46.2%	2-Fluorophenol	54.6%
2,4,6-Tribromophenol	48.2%	d4-2-Chlorophenol	49.9%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071019.b/lr71fdl.d
Lab Smp Id: LR71F Client Smp ID: AN-SS-11-070928
Inj Date : 19-OCT-2007 17:51
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71F,3
Misc Info : 07-20771
Comment : 1ul Injection
Method : /chem1/nt6.i/20071019.b/SW846.m
Meth Date : 25-Oct-2007 16:08 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 17
Dil Factor: 3.00000
Integrator: HP RTE Compound Sublist: SONIC.sub
Target Version: 3.50

LJR 10/25/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	3.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	75.00000	Weight of sample extracted (g)
M	32.90000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$ 1	2-Fluorophenol	112	5.857	5.847	(0.748)	79476	6.82258	406.7
$ 2	Phenol-d5	99	7.422	7.428	(0.947)	85945	5.77554	344.3
3	Phenol	94	Compound Not Detected.					
$ 5	2-Chlorophenol-d4	132	7.529	7.535	(0.961)	61851	6.24060	372.0
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	7.833	7.839	(1.000)	158077	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	8.133	8.138	(1.038)	27554	3.70739	221.0
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.624	8.619	(1.101)	6427	0.57896 LOL	34.51
$	18 Nitrobenzene-d5	82	8.768	8.779	(0.886)	63964	4.24507	253.1
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.896	9.907	(1.000)	468974	20.0000	
	28 Naphthalene	128	9.928	9.933	(1.003)	21327	0.73775 LOL	43.98
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.712	11.723	(0.916)	83366	4.17463	248.9
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.780	12.786	(1.000)	256484	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	13.651	13.662	(1.068)	10919	0.59445 LOL	35.44
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.084	14.089	(1.102)	15002	6.02868	359.4
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.163	15.174	(1.000)	447168	20.0000	
	60 Phenanthrene	178	15.200	15.211	(1.002)	142286	4.95932	295.6
	61 Anthracene	178	15.275	15.281	(1.007)	59952	2.08690	124.4
	62 Carbazole	167	15.569	15.575	(1.027)	15306	0.59897 LOL	35.71

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	16.295	16.312	(1.075)	17245	0.57877	34.50(M)
	64 Fluoranthene	202	17.156	17.156	(1.131)	1416457	43.1718	2574
	65 Pyrene	202	17.508	17.514	(0.898)	1026228	23.6441	1409
$	66 Terphenyl-d14	244	17.834	17.840	(0.914)	130050	4.78705	285.4
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	19.479	19.485	(0.999)	418471	8.83790	526.8
*	69 Chrysene-d12	240	19.506	19.512	(1.000)	604323	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	19.543	19.554	(1.002)	491129	11.5422	688.1
	72 bis(2-Ethylhexyl)phthalate	149	19.741	19.747	(0.955)	114262	4.45726	265.7
*	134 Di-n-octylphthalate-d4	153	20.676	20.687	(1.000)	847787	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	21.141	21.152	(0.976)	182814	4.93335	294.1
	75 Benzo(k)fluoranthene	252	21.167	21.184	(0.977)	195472	4.98652	297.3(M)
	76 Benzo(a)pyrene	252	21.590	21.600	(0.996)	128044	3.76407	224.4
*	77 Perylene-d12	264	21.670	21.675	(1.000)	516042	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	23.133	23.155	(1.068)	39188	0.97136	57.91(M)
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	23.534	23.561	(1.086)	28723	0.71196	42.44(M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71fdl.d
Lab Smp Id: LR71F
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071019.b/SW846.m
Misc Info: 07-20771

Calibration Date: 19-OCT-2007
Calibration Time: 09:25
Client Smp ID: AN-SS-11-070928
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	158077	-25.46
27 Naphthalene-d8	656578	328289	1313156	468974	-28.57
42 Acenaphthene-d10	353705	176852	707410	256484	-27.49
59 Phenanthrene-d10	526440	263220	1052880	447168	-15.06
69 Chrysene-d12	581923	290962	1163846	604323	3.85
134 Di-n-octylphthala	979097	489548	1958194	847787	-13.41
77 Perylene-d12	686531	343266	1373062	516042	-24.83

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.84	7.34	8.34	7.83	-0.07
27 Naphthalene-d8	9.91	9.41	10.41	9.90	-0.11
42 Acenaphthene-d10	12.79	12.29	13.29	12.78	-0.04
59 Phenanthrene-d10	15.17	14.67	15.67	15.16	-0.07
69 Chrysene-d12	19.51	19.01	20.01	19.51	-0.03
134 Di-n-octylphthala	20.69	20.19	21.19	20.68	-0.05
77 Perylene-d12	21.68	21.18	22.18	21.67	-0.03

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

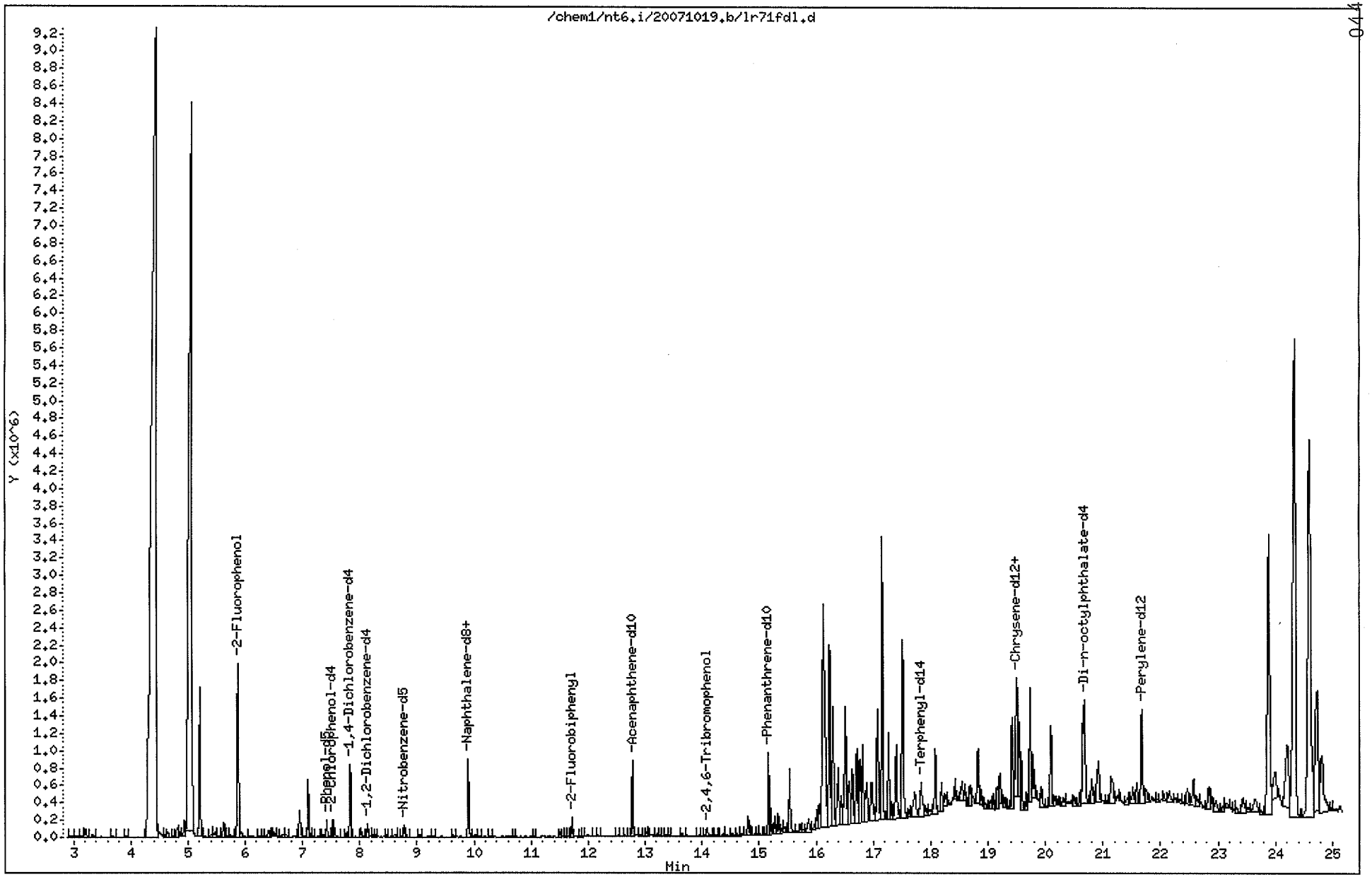
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71F
Level: LOW
Data Type: MS DATA
SpikeList File: SONICLCS.spk
Sublist File: SONIC.sub
Method File: /chem1/nt6.i/20071019.b/SW846.m
Misc Info: 07-20771

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-11-070928
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

	SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1	2-Fluorophenol	745.2	406.7	54.58	25-99
$ 2	Phenol-d5	745.2	344.3	46.20	35-98
$ 5	2-Chlorophenol-d4	745.2	372.0	49.92	35-99
$ 10	1,2-Dichlorobenzen	496.8	221.0	44.49	35-90
$ 18	Nitrobenzene-d5	496.8	253.1	50.94	34-94
$ 36	2-Fluorobiphenyl	496.8	248.9	50.10	41-95
$ 55	2,4,6-Tribromophen	745.2	359.4	48.23	37-114
$ 66	Terphenyl-d14	496.8	285.4	57.44	30-114

Data File: /chem1/nt6.i/20071019.b/lr71fdl.d
Date : 19-OCT-2007 17:51
Client ID: AN-SS-11-070928
Sample Info: LR71F,3
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

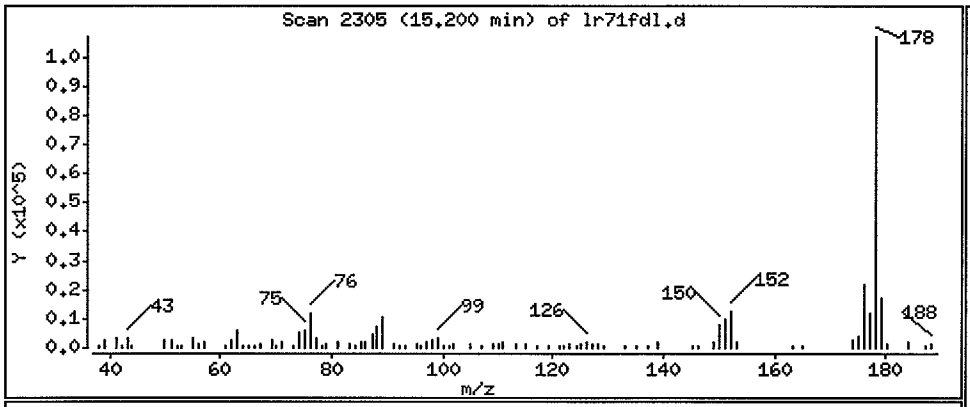
Client ID: AN-SS-11-070928 Instrument: nt6.i

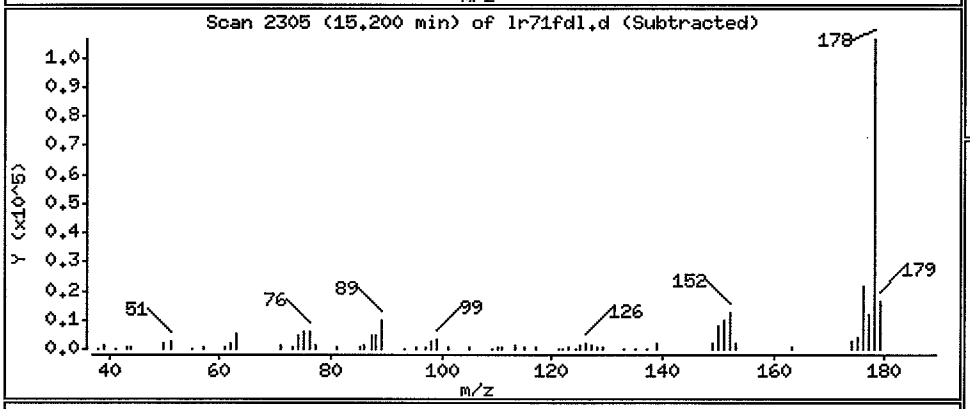
Sample Info: LR71F,3

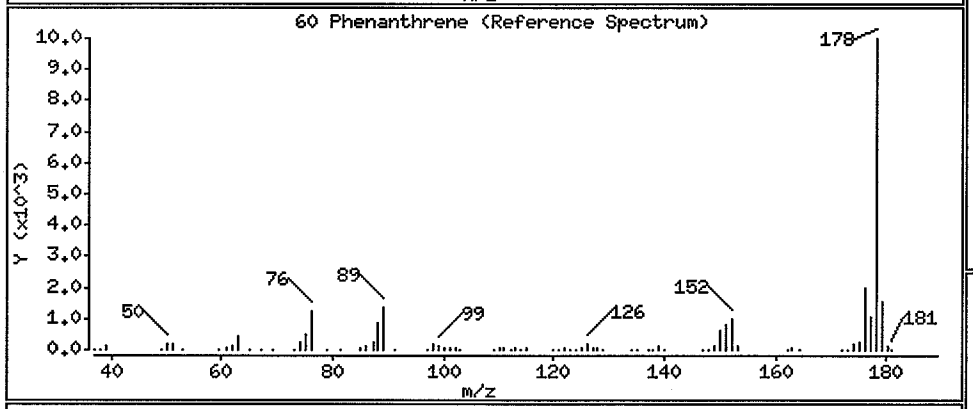
Volume Injected (uL): 1.0 Operator: LJR/VTS

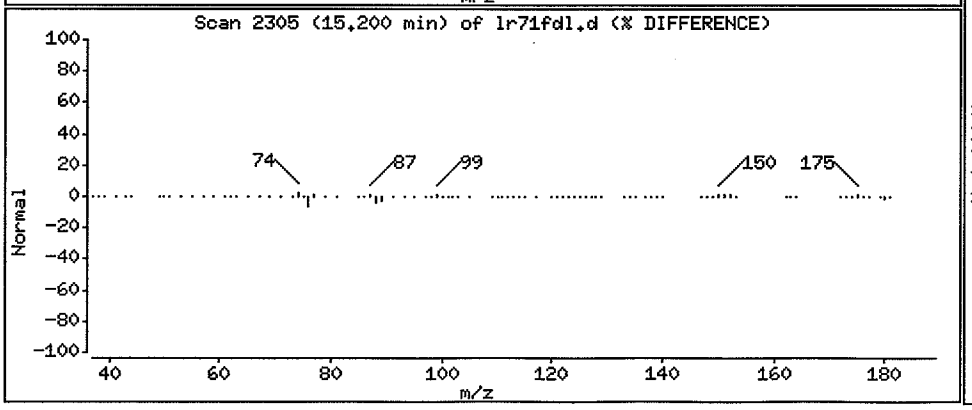
Column phase: ZB-5 Column diameter: 0.32

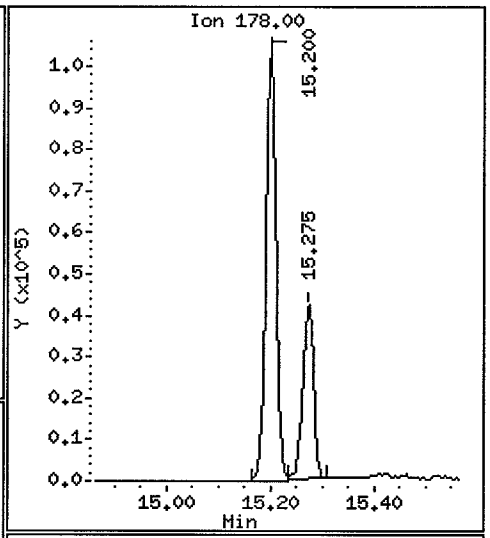
60 Phenanthrene Concentration: 295.6 ug/kg

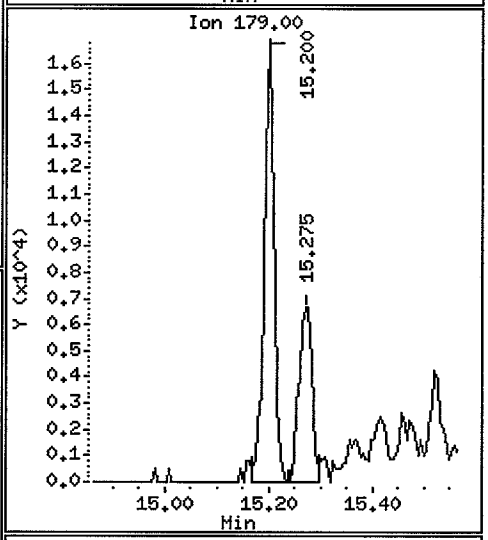


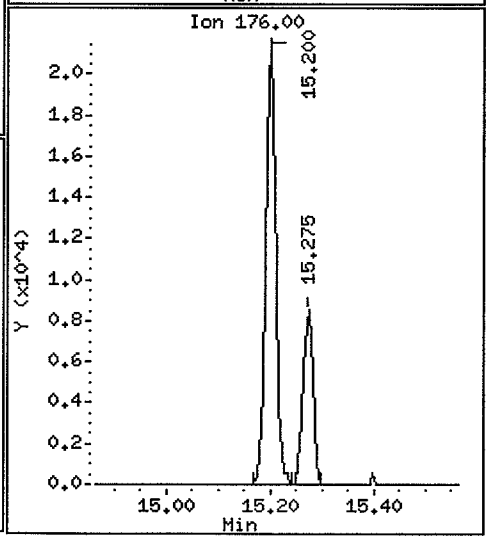












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

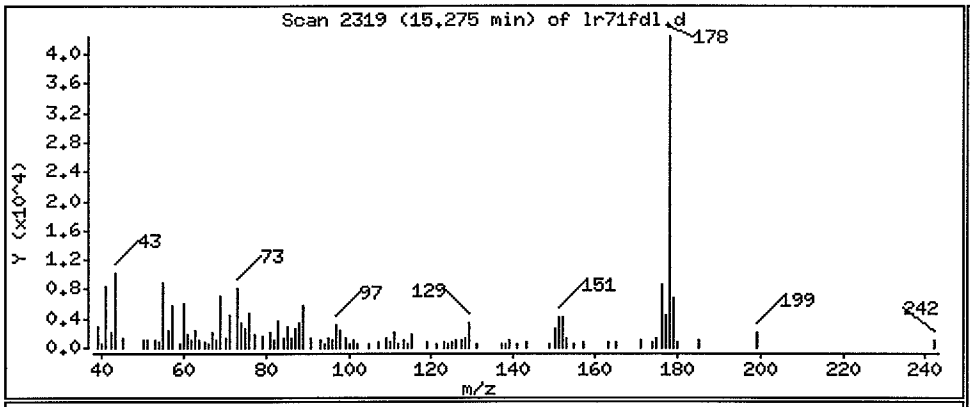
Client ID: AN-SS-11-070928 Instrument: nt6.i

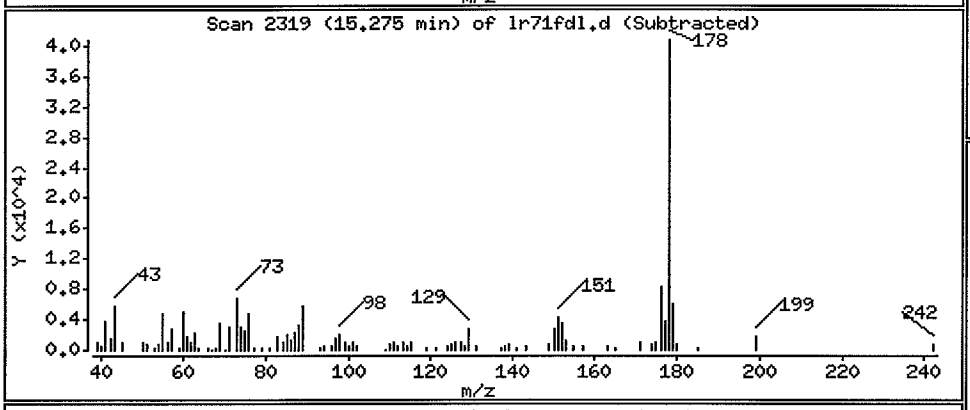
Sample Info: LR71F,3

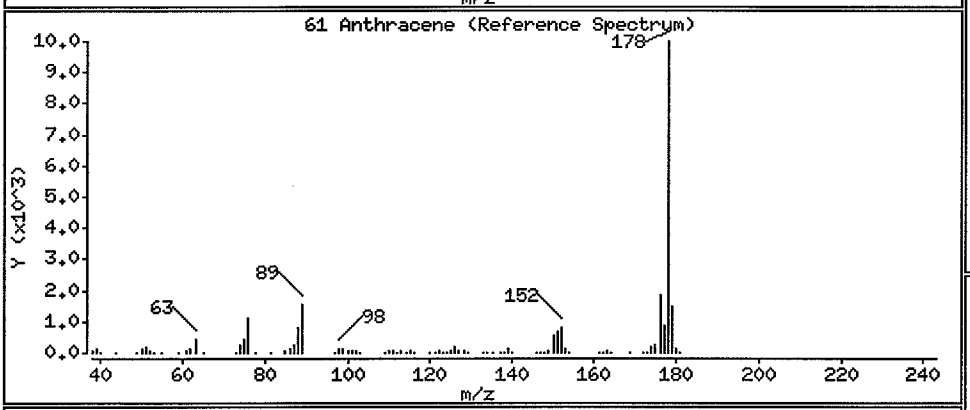
Volume Injected (uL): 1.0 Operator: LJR/VTS

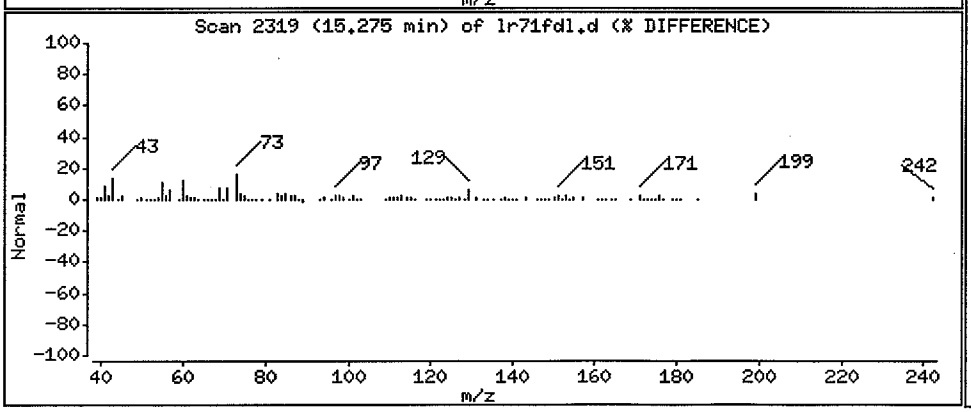
Column phase: ZB-5 Column diameter: 0.32

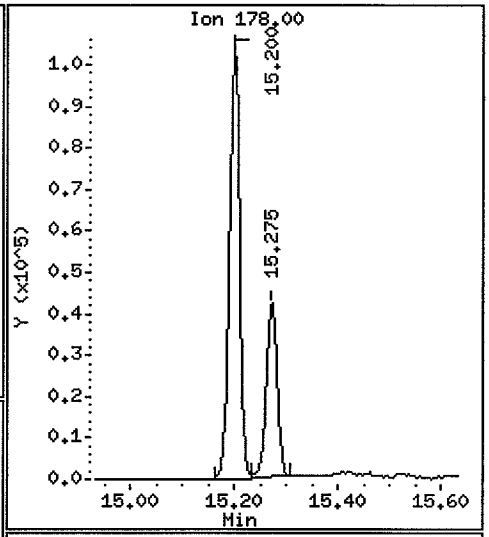
61 Anthracene Concentration: 124.4 ug/kg

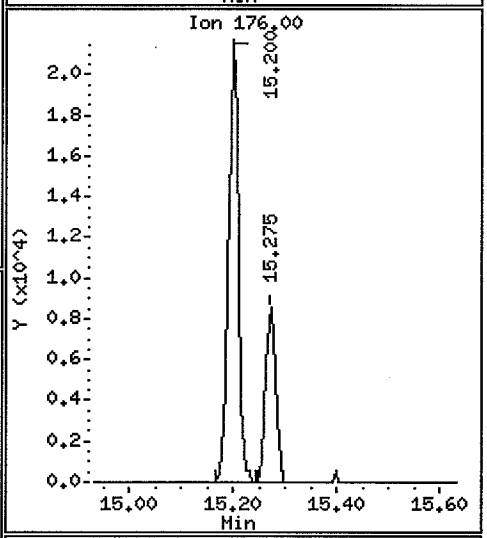


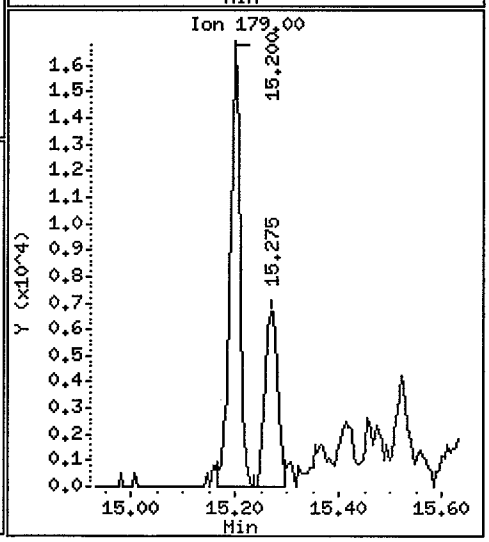












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F,3

Volume Injected (uL): 1.0

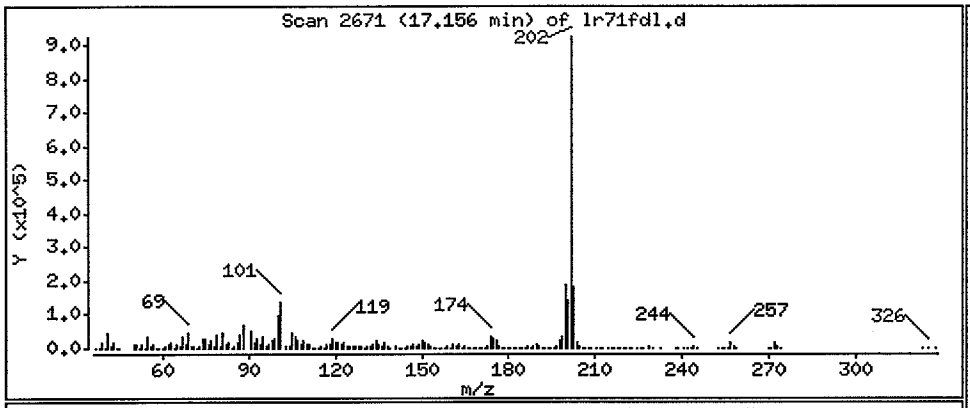
Operator: LJR/VTS

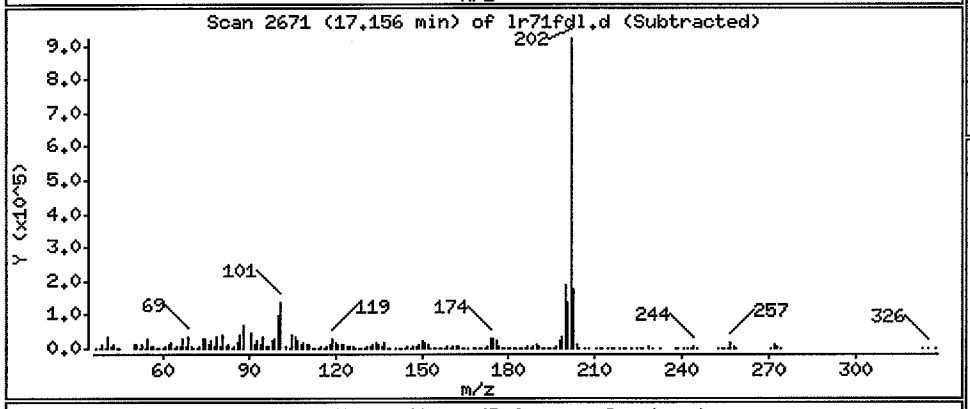
Column phase: ZB-5

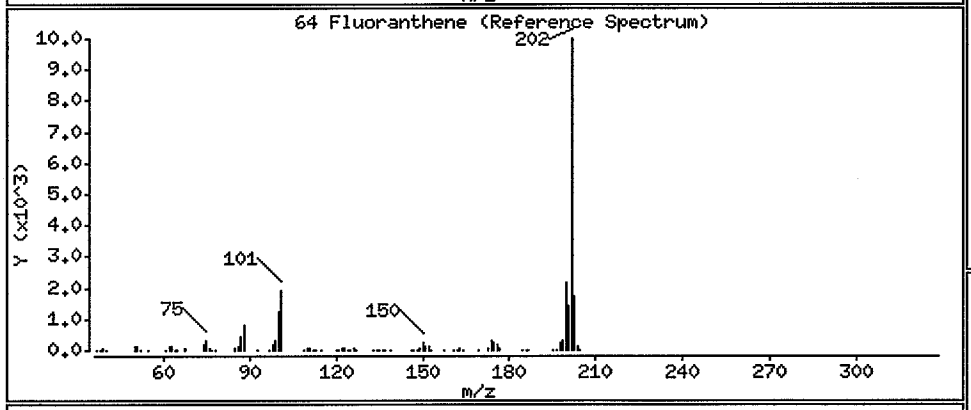
Column diameter: 0.32

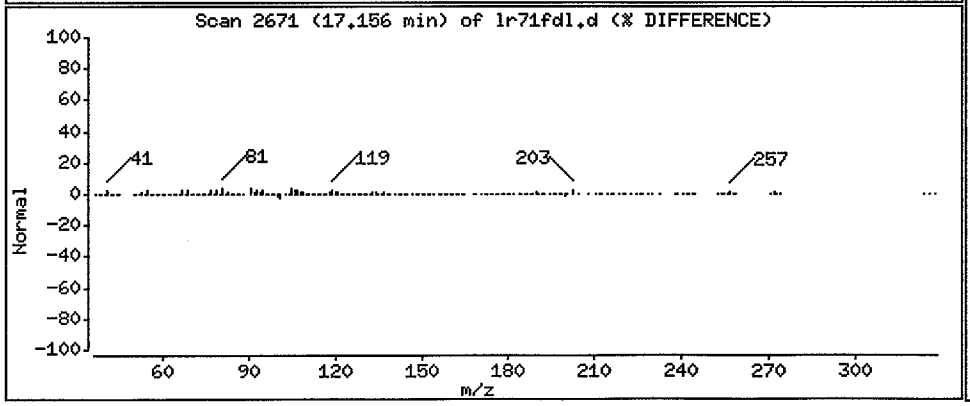
64 Fluoranthene

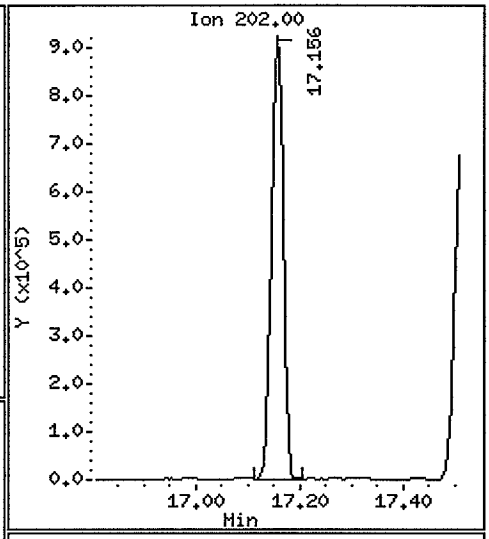
Concentration: 2574 ug/kg

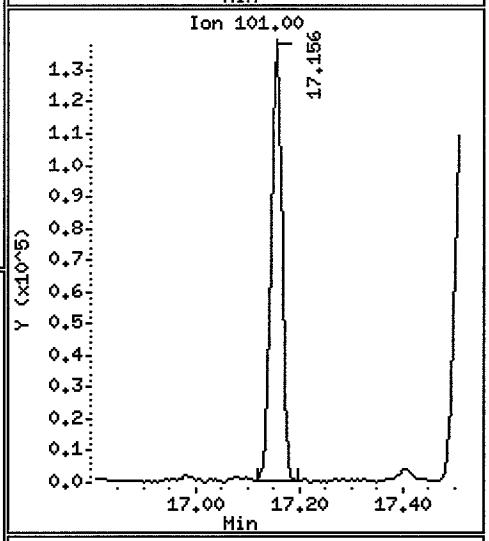


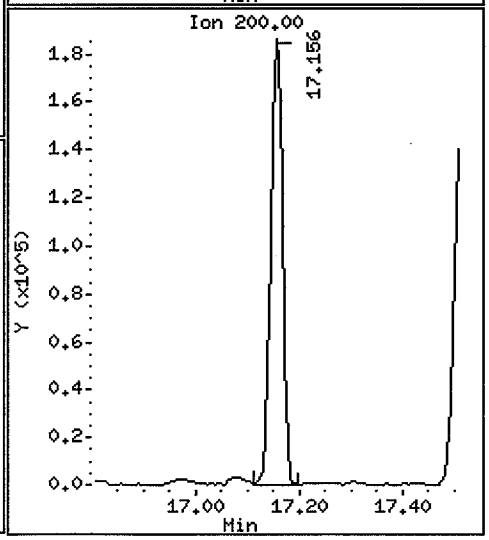












Data File: /chem1/nt6.i/20071019.b/lr71fd1.d

Date : 19-OCT-2007 17:51

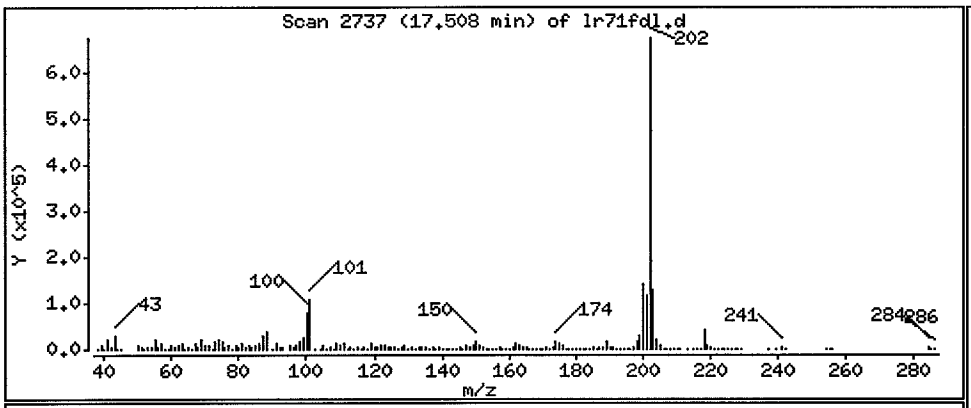
Client ID: AN-SS-11-070928 Instrument: nt6.i

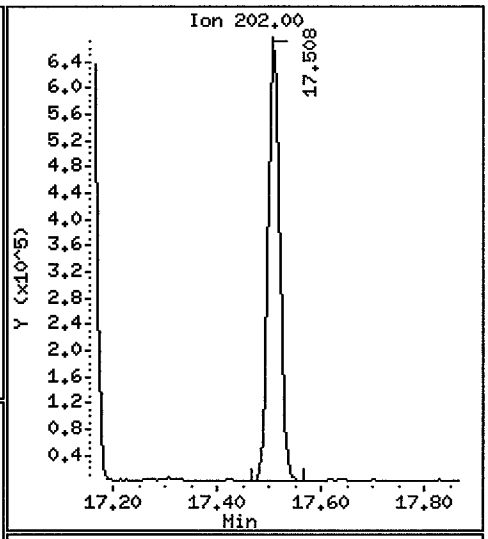
Sample Info: LR71F,3

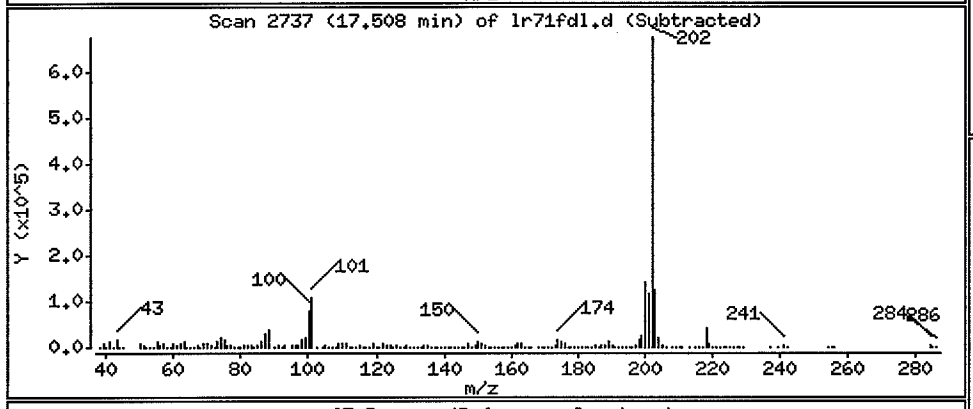
Volume Injected (uL): 1.0 Operator: LJR/VTS

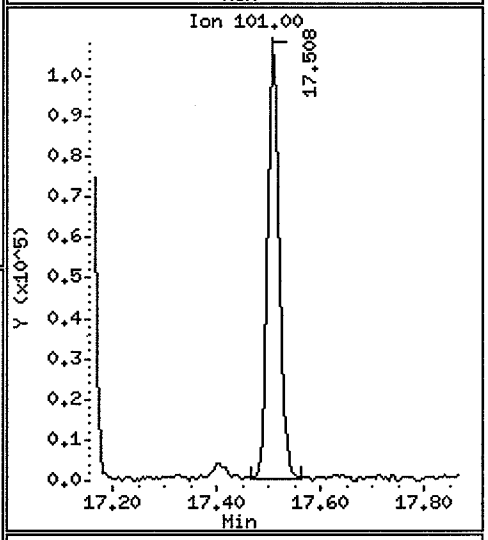
Column phase: ZB-5 Column diameter: 0.32

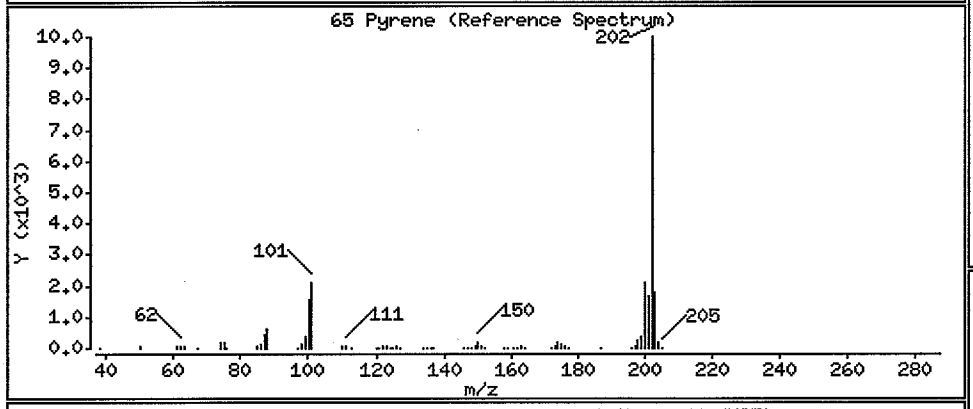
65 Pyrene Concentration: 1409 ug/kg

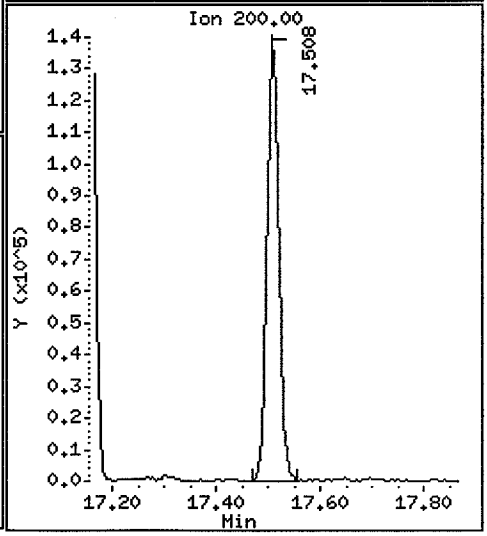


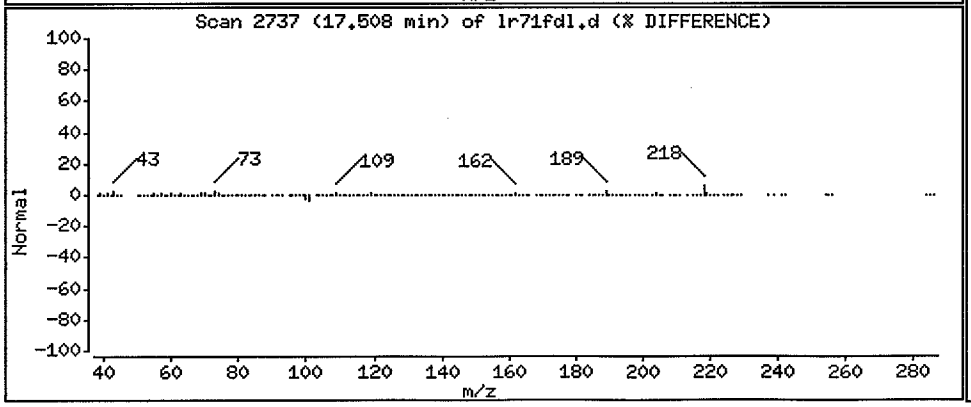












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

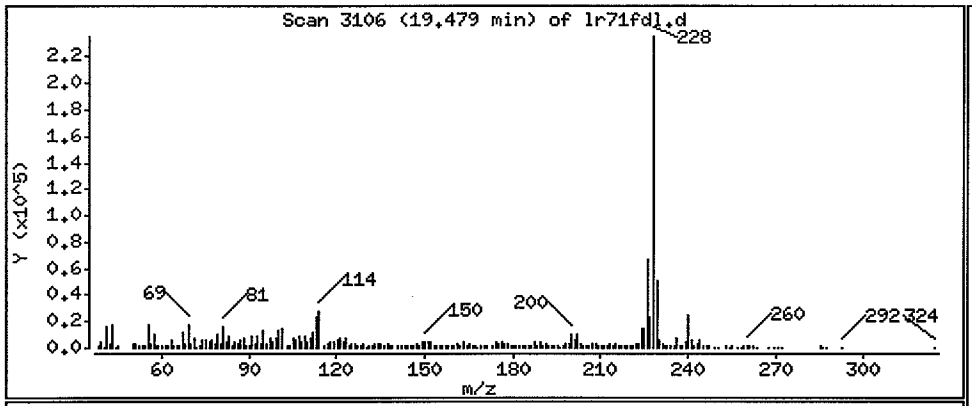
Client ID: AN-SS-11-070928 Instrument: nt6.i

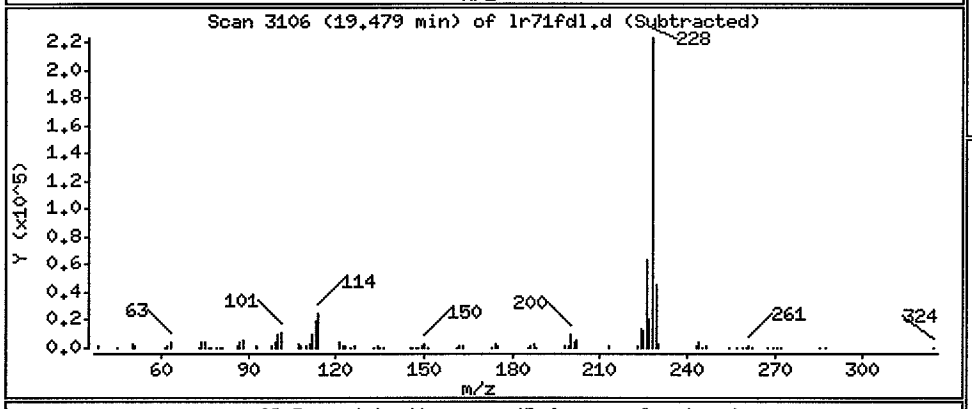
Sample Info: LR71F,3

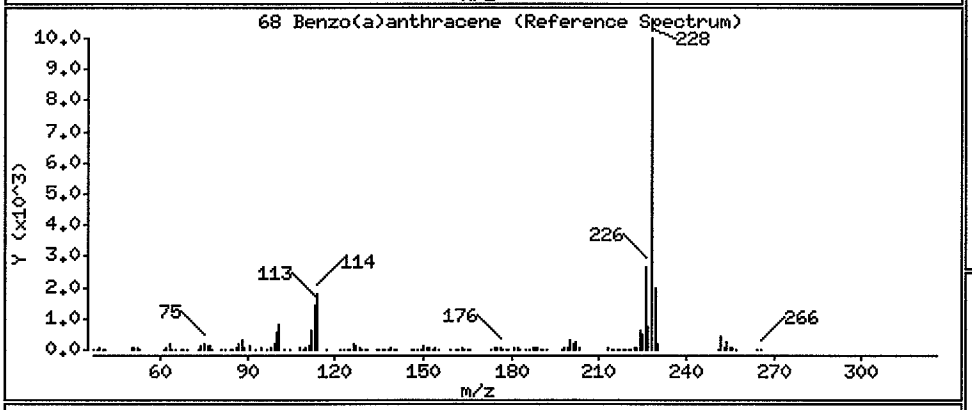
Volume Injected (uL): 1.0 Operator: LJR/VTS

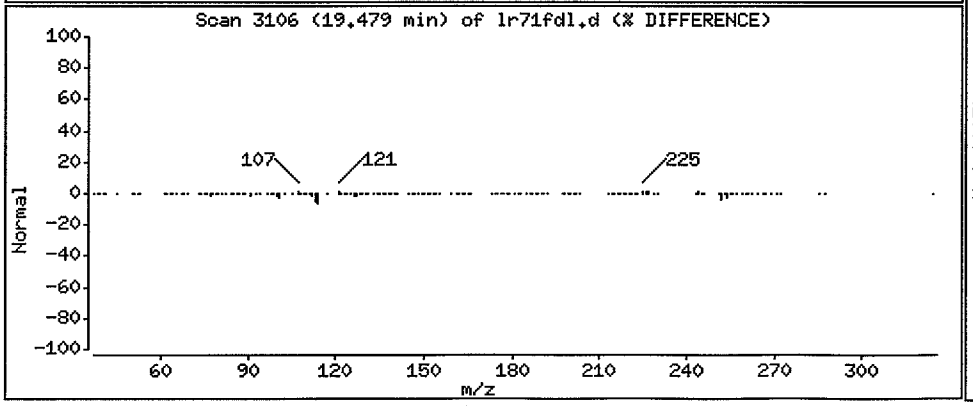
Column phase: ZB-5 Column diameter: 0.32

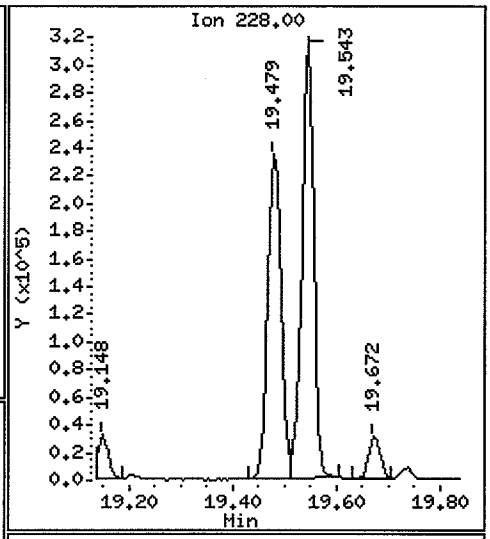
68 Benzo(a)anthracene Concentration: 526.8 ug/kg

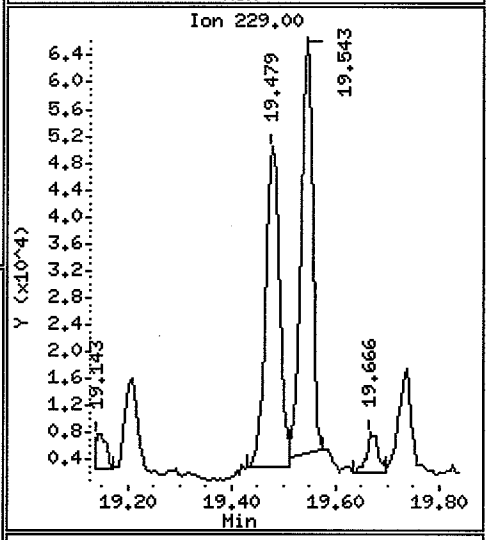


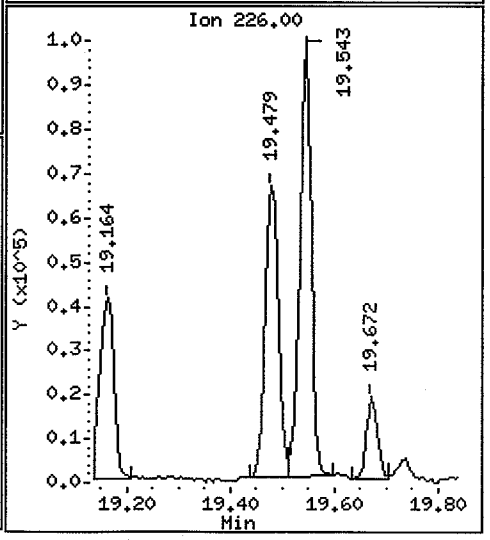












Data File: /chem1/nt6.i/20071019.b/lr71fd1.d

Date : 19-OCT-2007 17:51

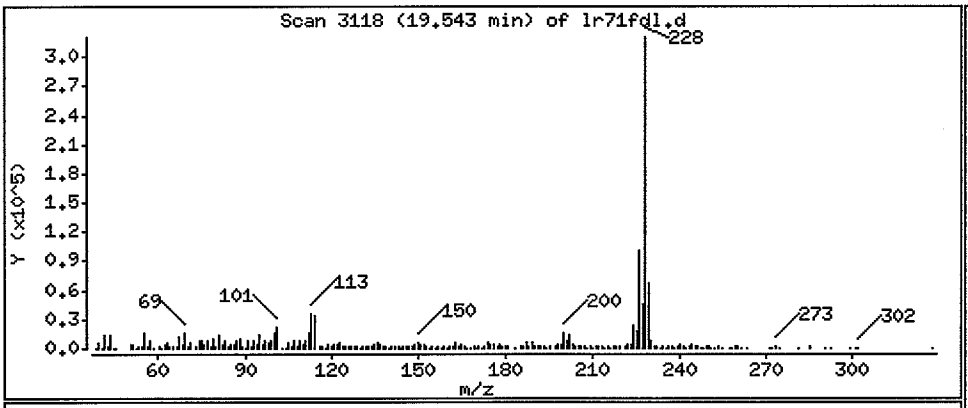
Client ID: AN-SS-11-070928 Instrument: nt6.i

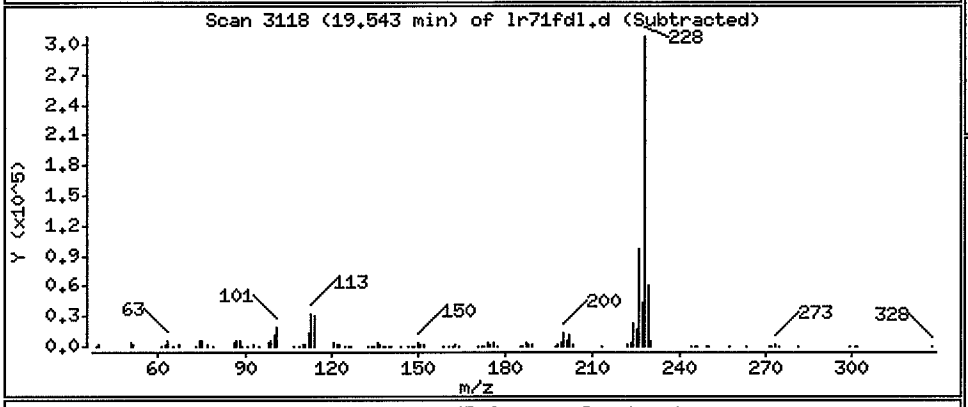
Sample Info: LR71F,3

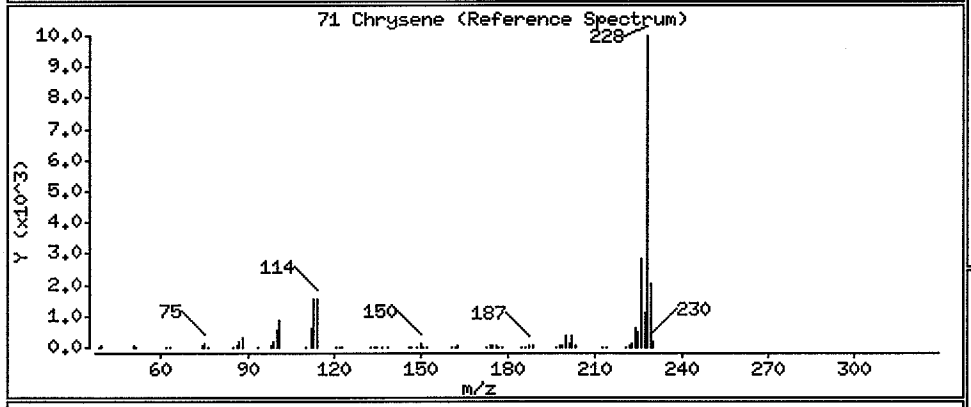
Volume Injected (uL): 1.0 Operator: LJR/VTS

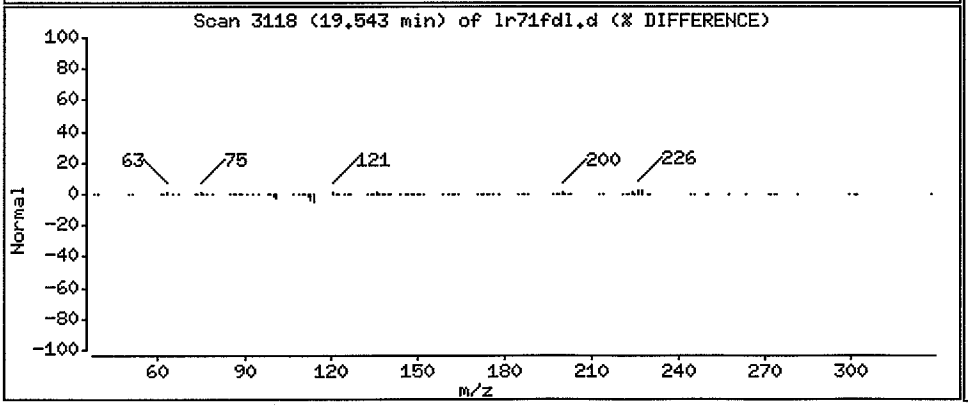
Column phase: ZB-5 Column diameter: 0.32

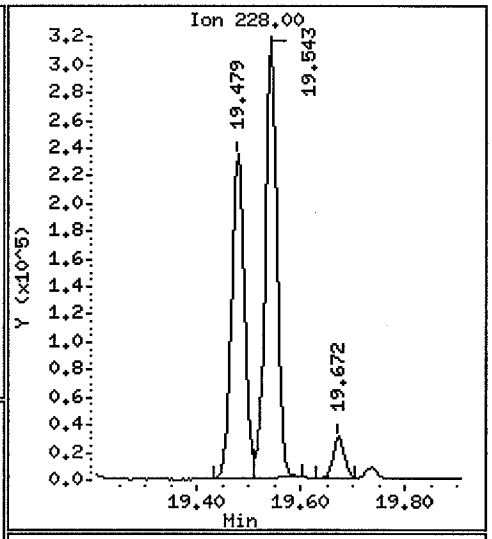
71 Chrysene Concentration: 688.1 ug/kg

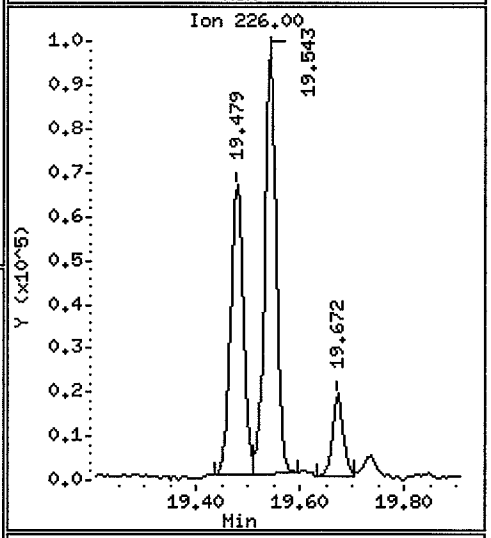


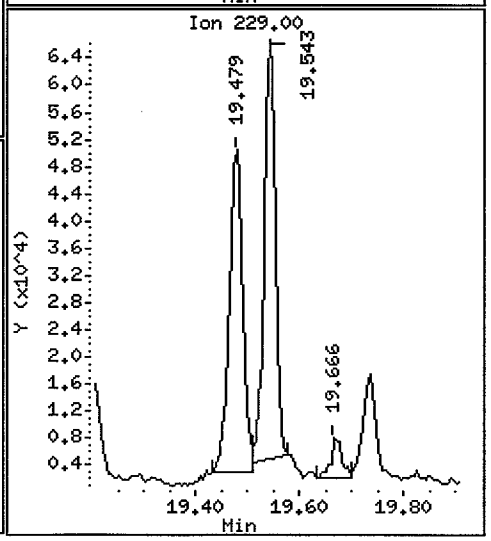












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

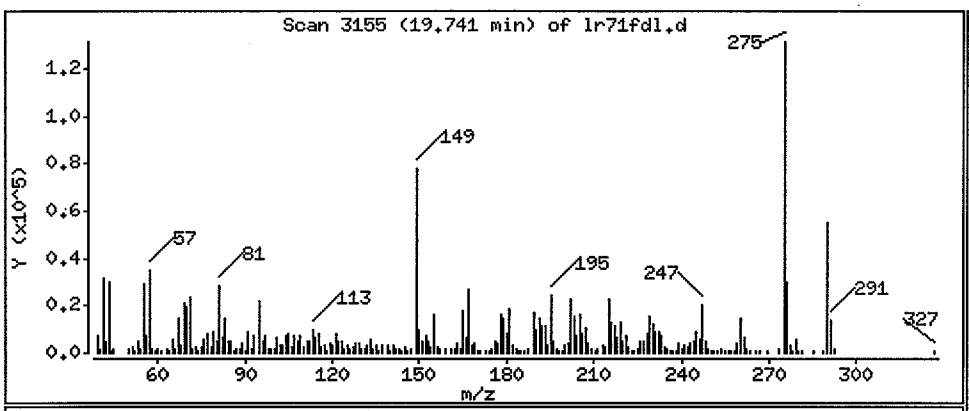
Client ID: AN-SS-11-070928 Instrument: nt6.i

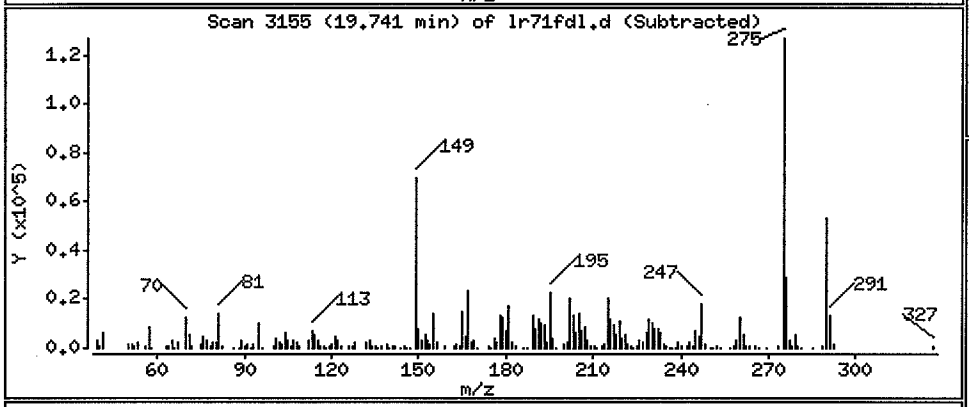
Sample Info: LR71F,3

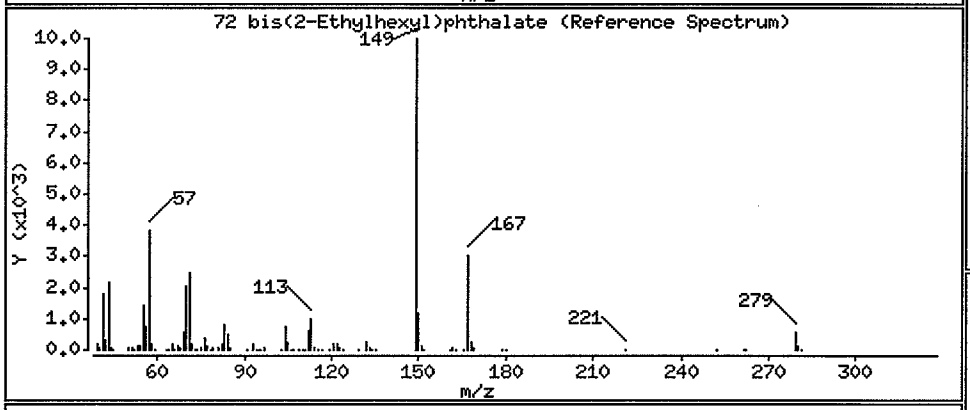
Volume Injected (uL): 1.0 Operator: LJR/VTS

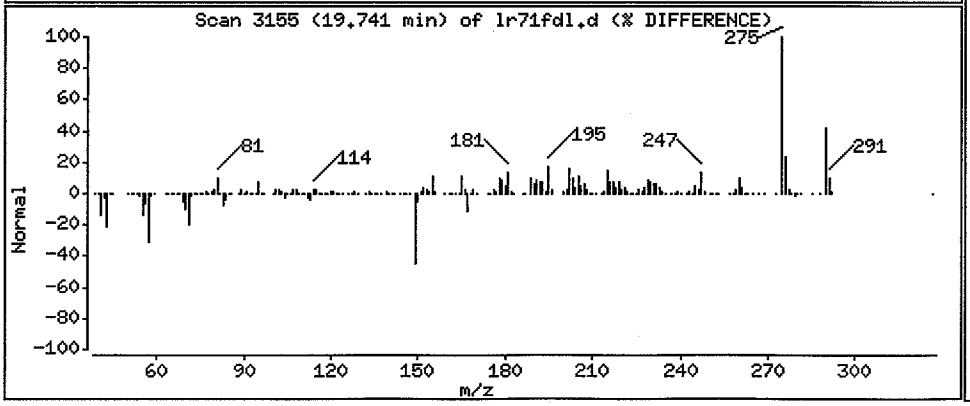
Column phase: ZB-5 Column diameter: 0.32

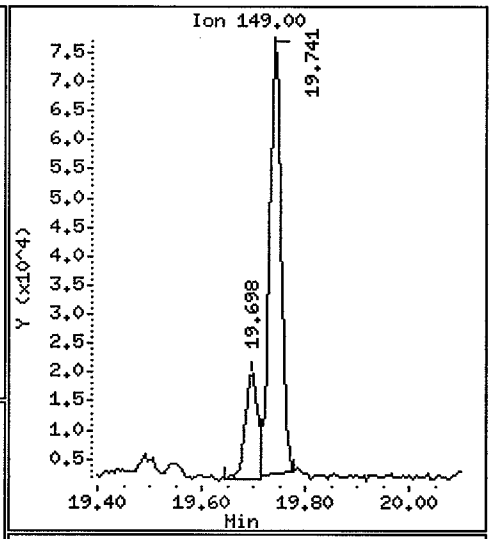
72 bis(2-Ethylhexyl)phthalate Concentration: 265.7 ug/kg

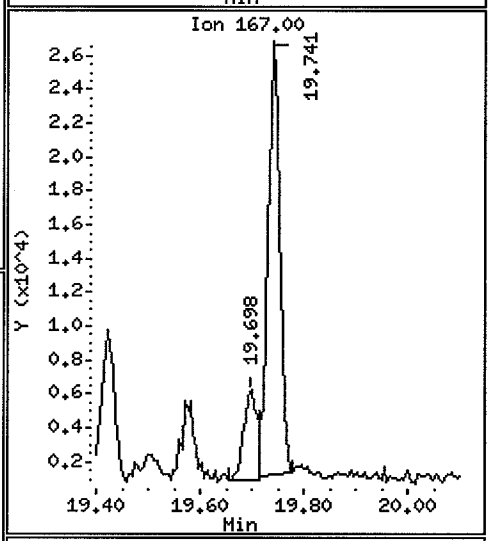


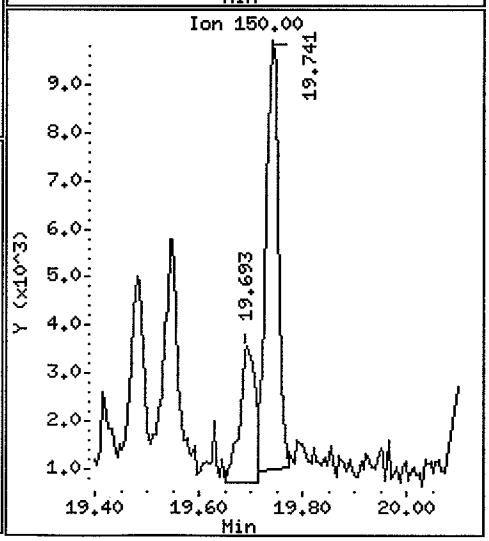












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

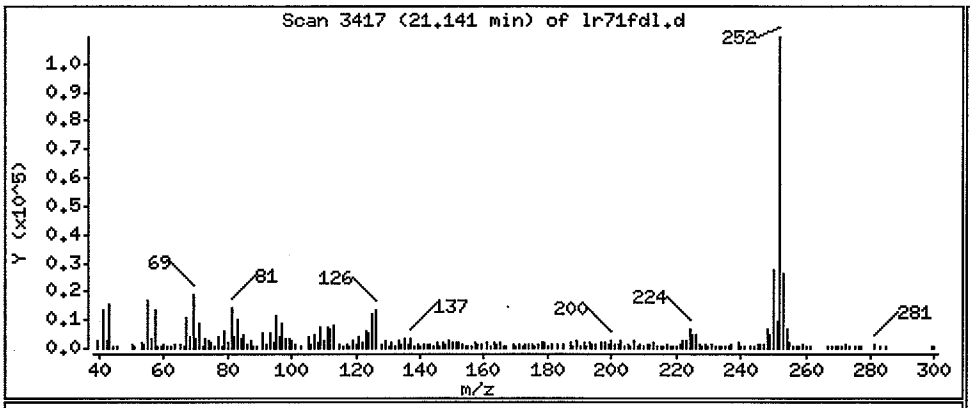
Client ID: AN-SS-11-070928 Instrument: nt6.i

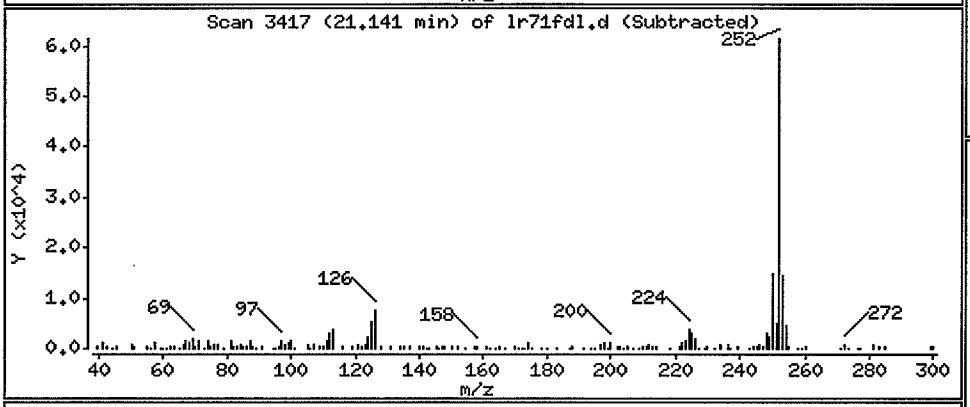
Sample Info: LR71F,3

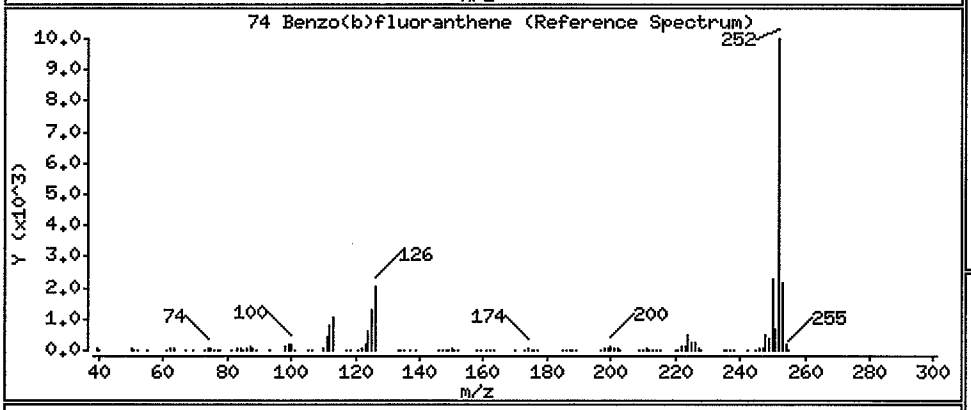
Volume Injected (uL): 1.0 Operator: LJR/VTS

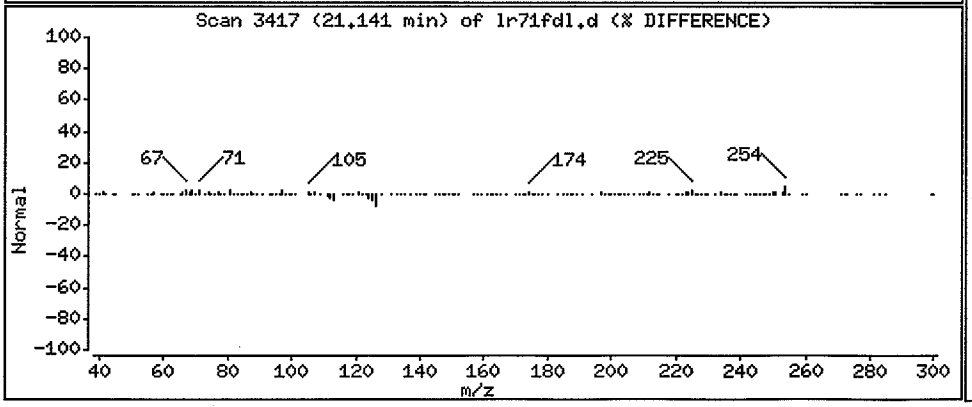
Column phase: ZB-5 Column diameter: 0.32

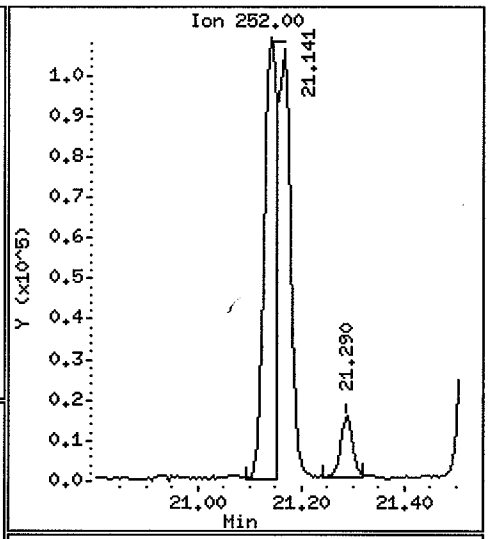
74 Benzo(b)fluoranthene Concentration: 294.1 ug/kg

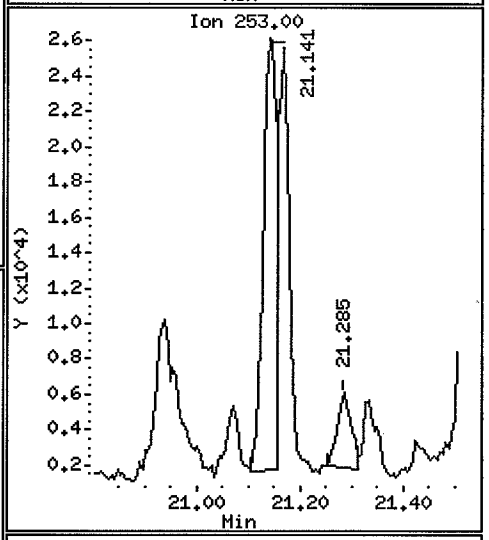


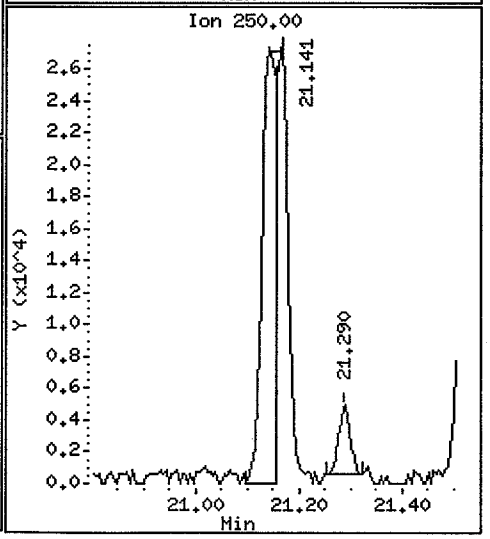












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

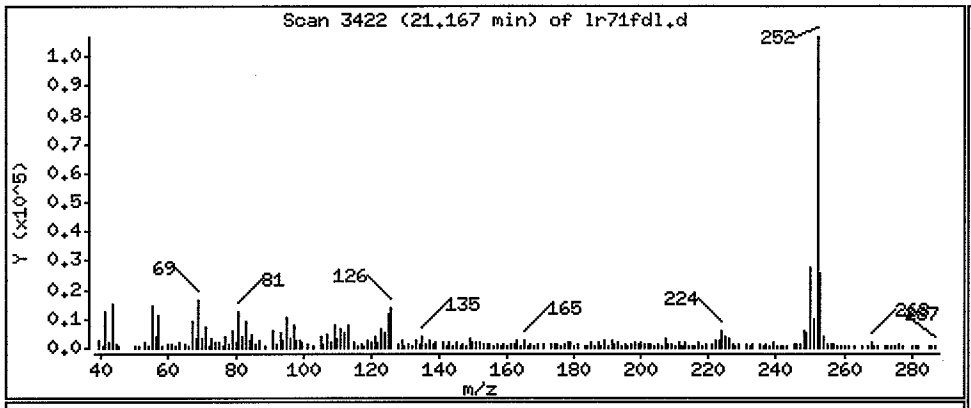
Client ID: AN-SS-11-070928 Instrument: nt6.i

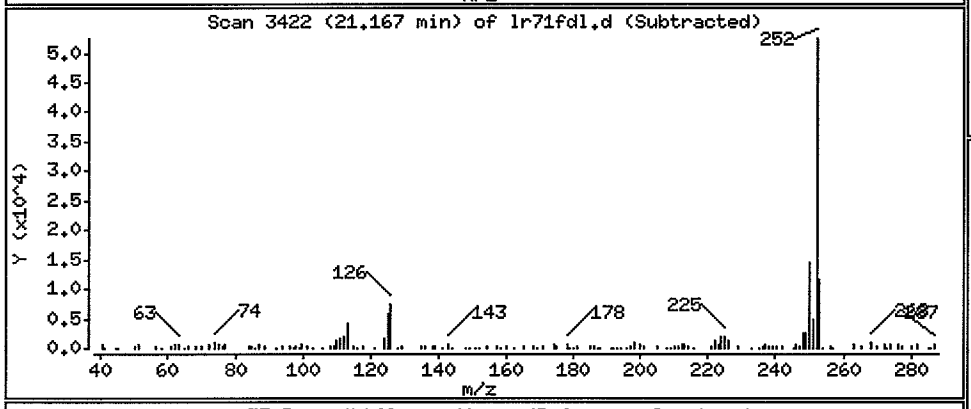
Sample Info: LR71F,3

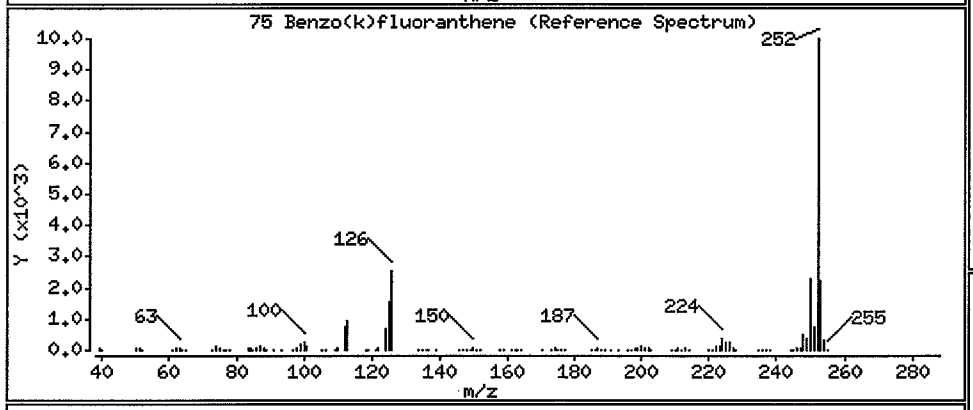
Volume Injected (uL): 1.0 Operator: LJR/VTS

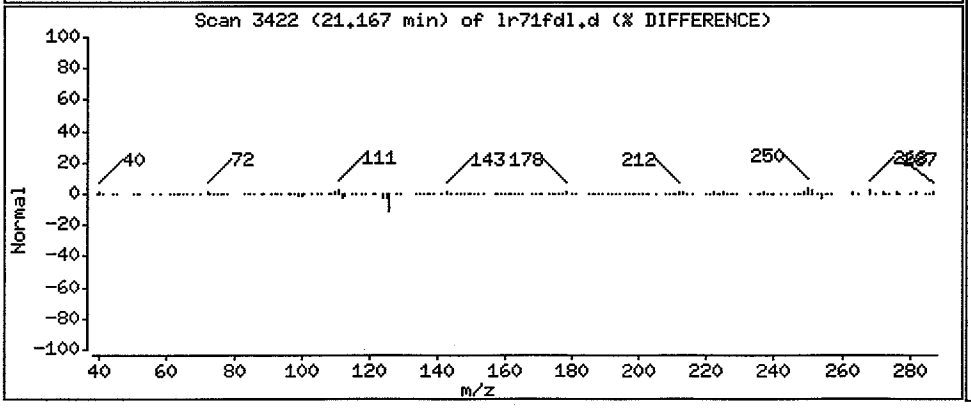
Column phase: ZB-5 Column diameter: 0.32

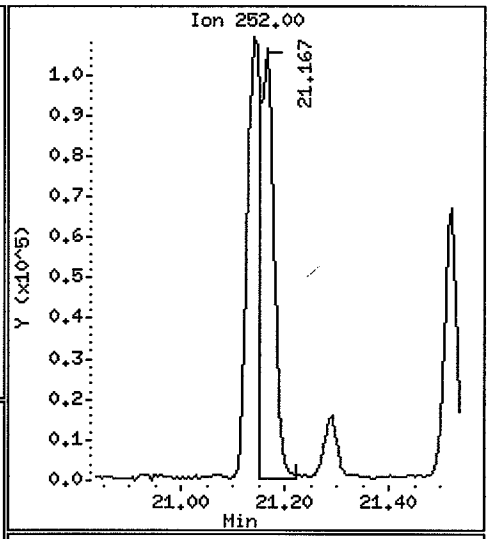
75 Benzo(k)fluoranthene Concentration: 297.3 ug/kg

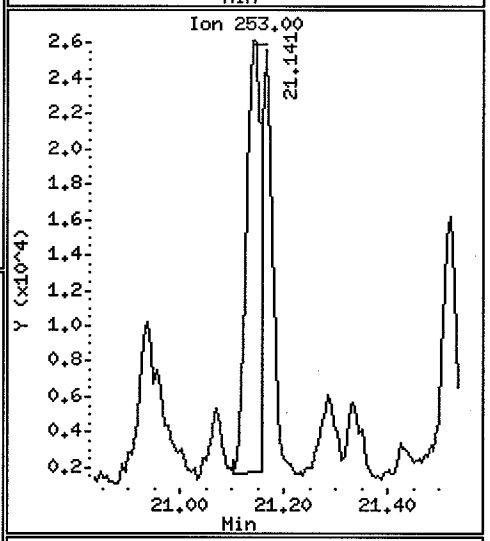


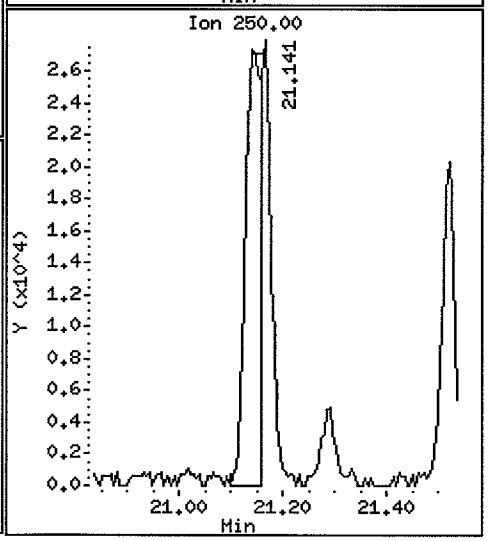












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

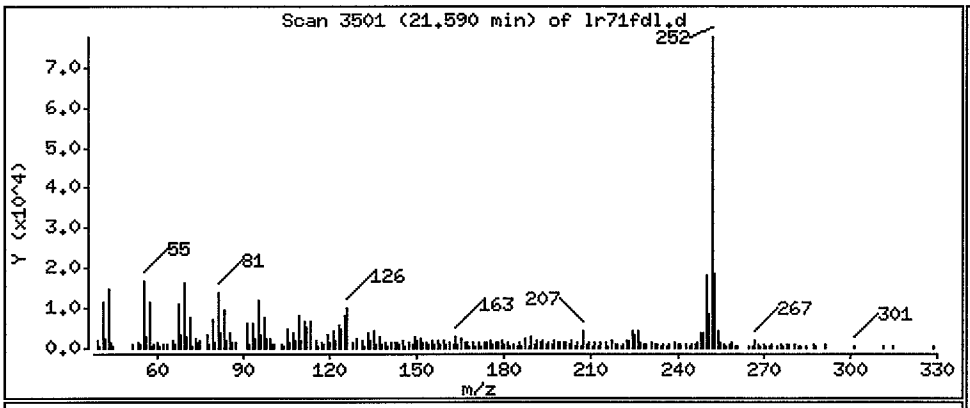
Client ID: AN-SS-11-070928 Instrument: nt6.i

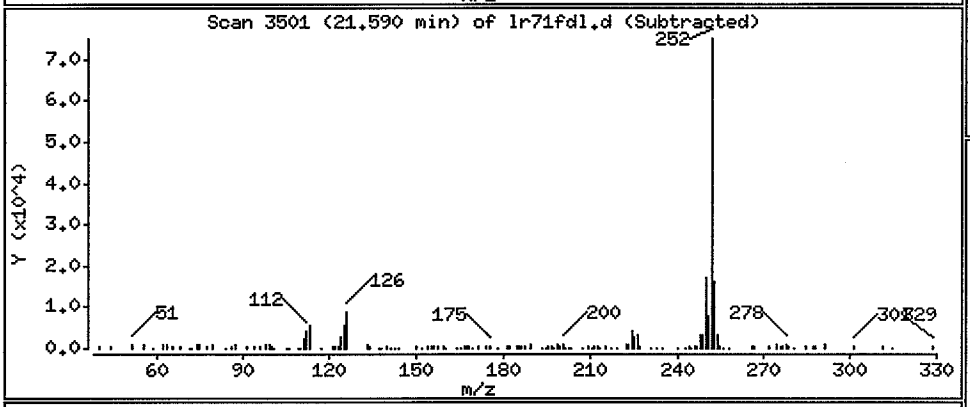
Sample Info: LR71F,3

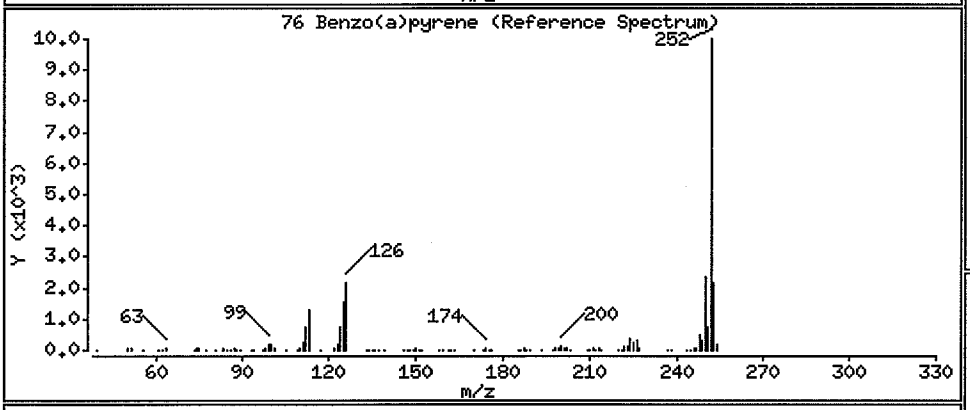
Volume Injected (uL): 1.0 Operator: LJR/VTS

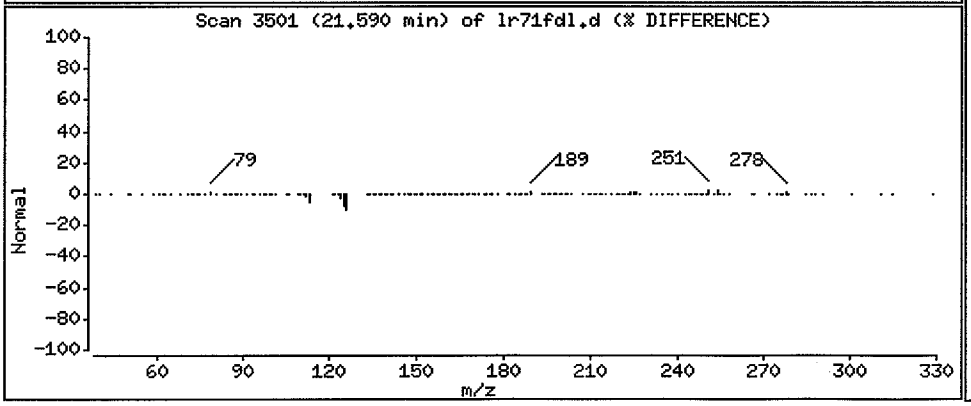
Column phase: ZB-5 Column diameter: 0.32

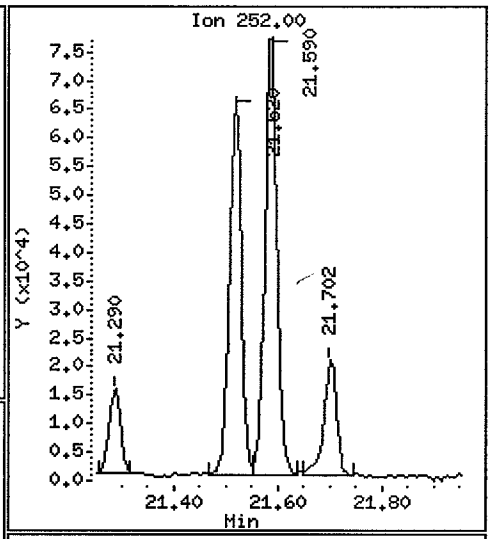
76 Benzo(a)pyrene Concentration: 224.4 ug/kg

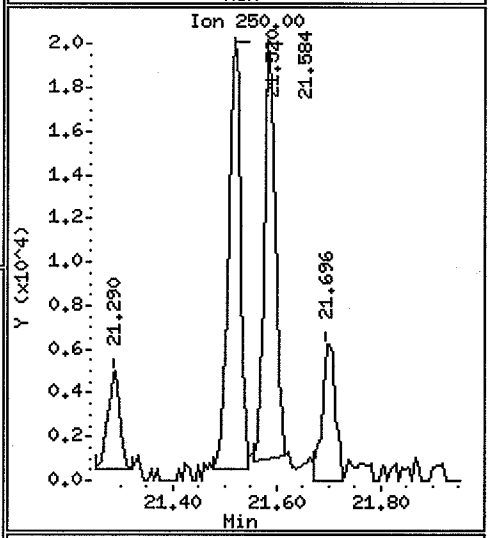


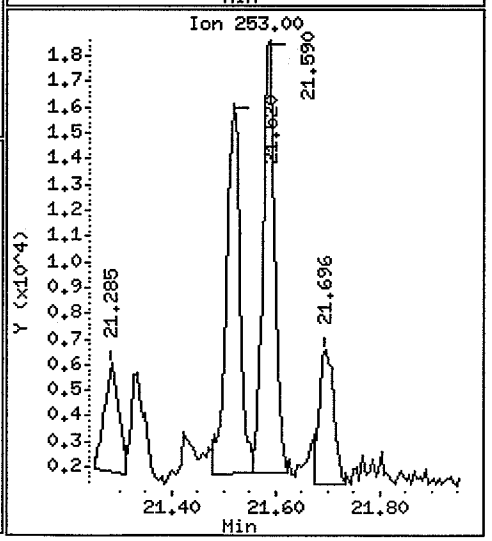












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

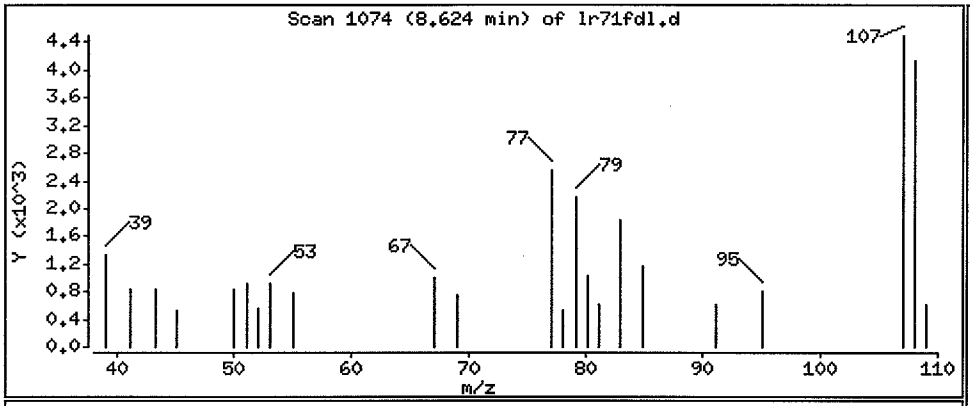
Client ID: AN-SS-11-070928 Instrument: nt6.i

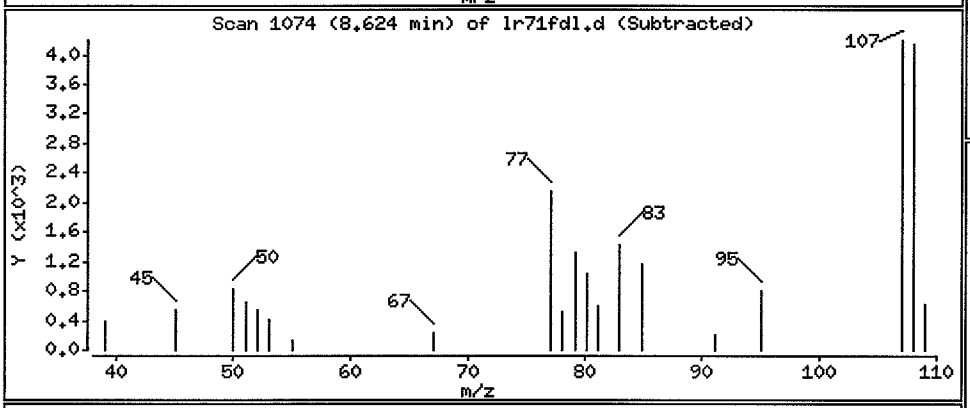
Sample Info: LR71F,3

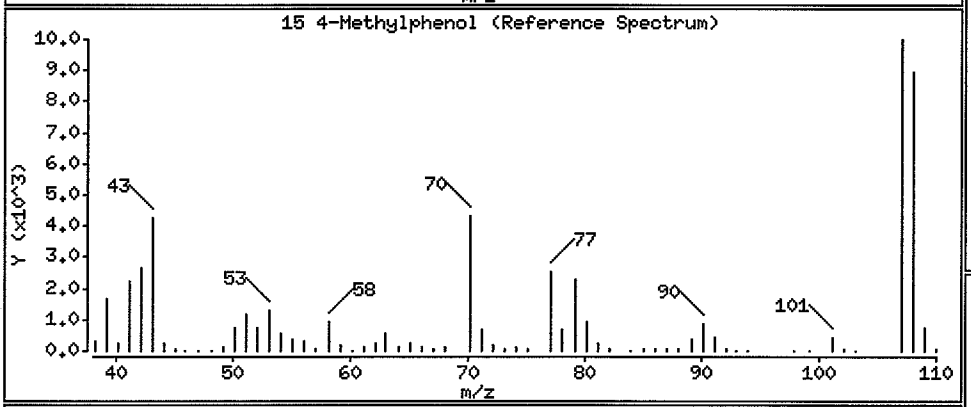
Volume Injected (uL): 1.0 Operator: LJR/VTS

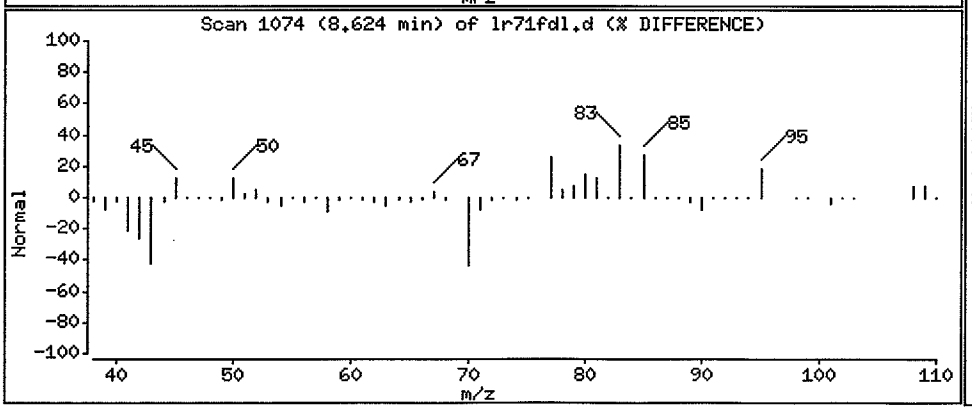
Column phase: ZB-5 Column diameter: 0.32

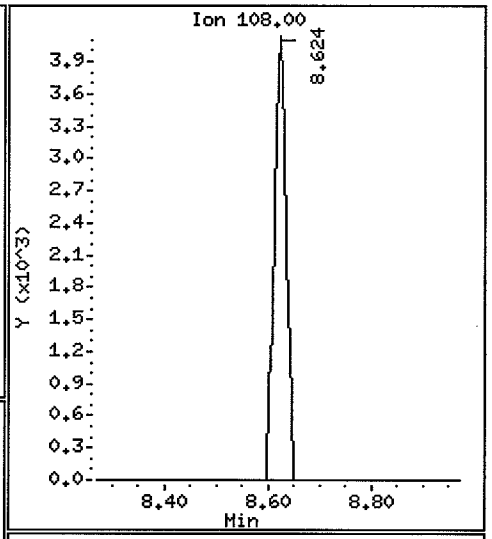
15 4-Methylphenol Concentration: 34.51 ug/kg

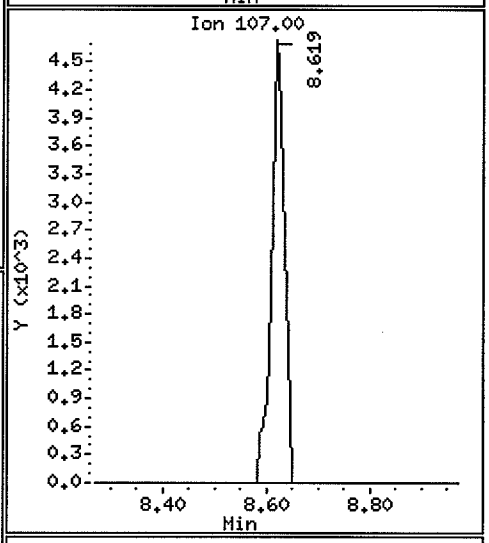


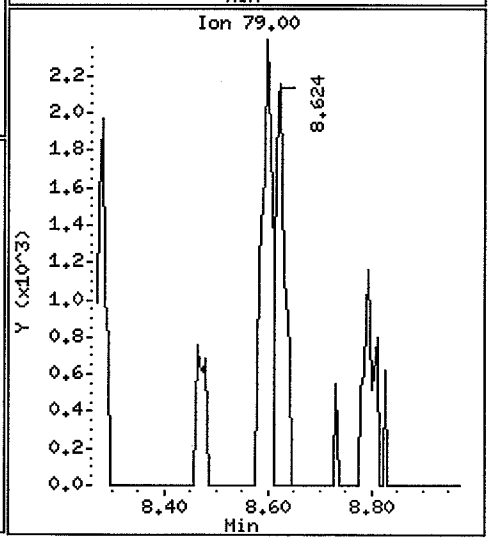












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

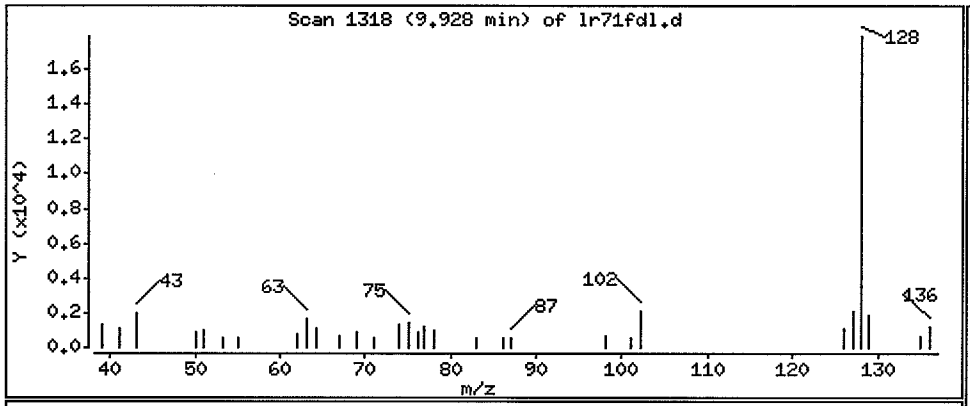
Client ID: AN-SS-11-070928 Instrument: nt6.i

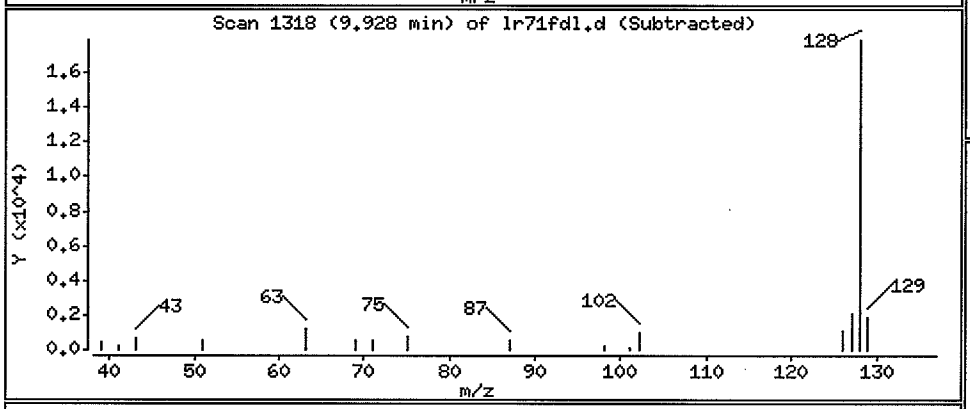
Sample Info: LR71F,3

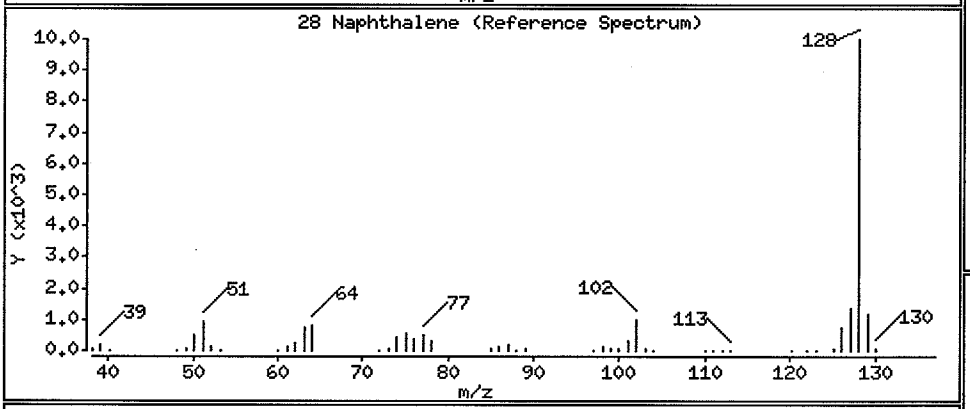
Volume Injected (uL): 1.0 Operator: LJR/VTS

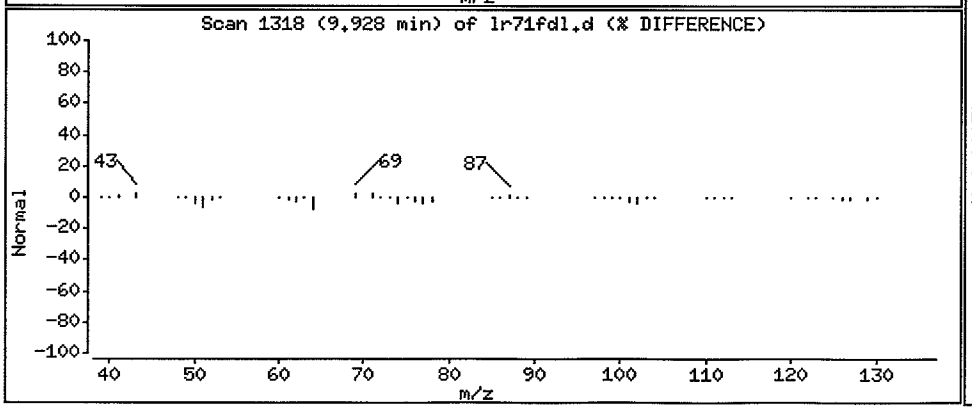
Column phase: ZB-5 Column diameter: 0.32

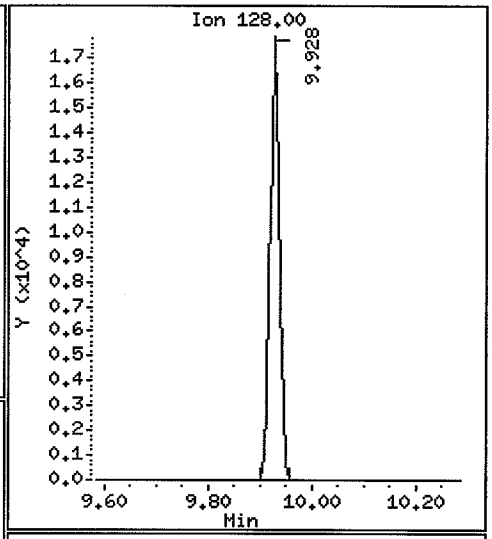
28 Naphthalene Concentration: 43.98 ug/kg

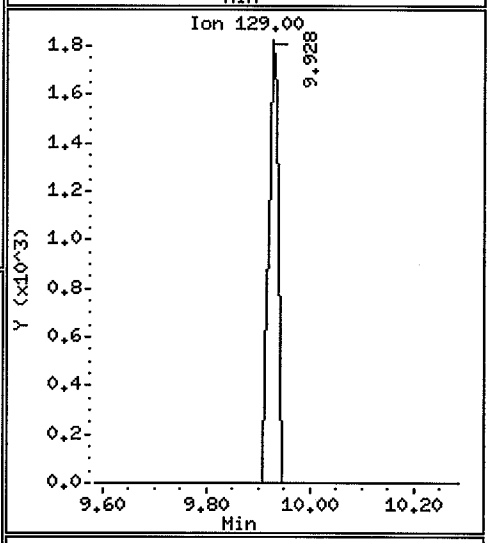


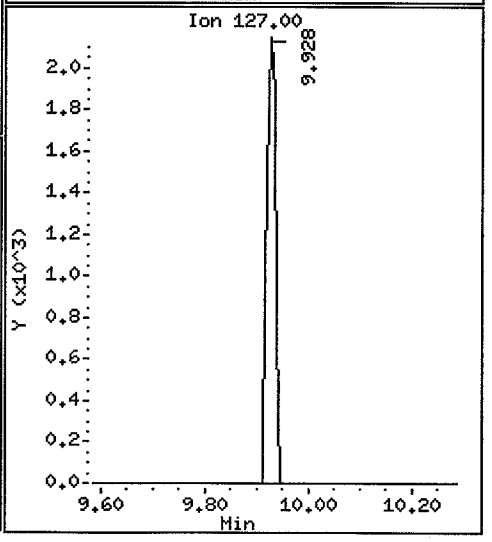












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

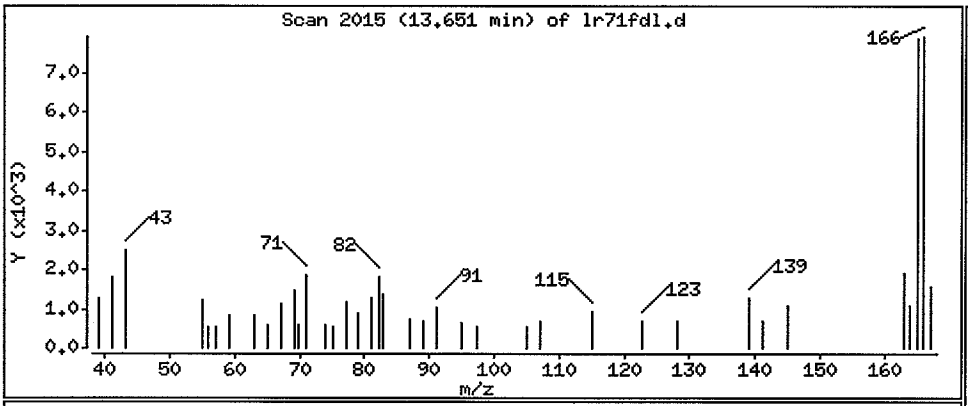
Client ID: AN-SS-11-070928 Instrument: nt6.i

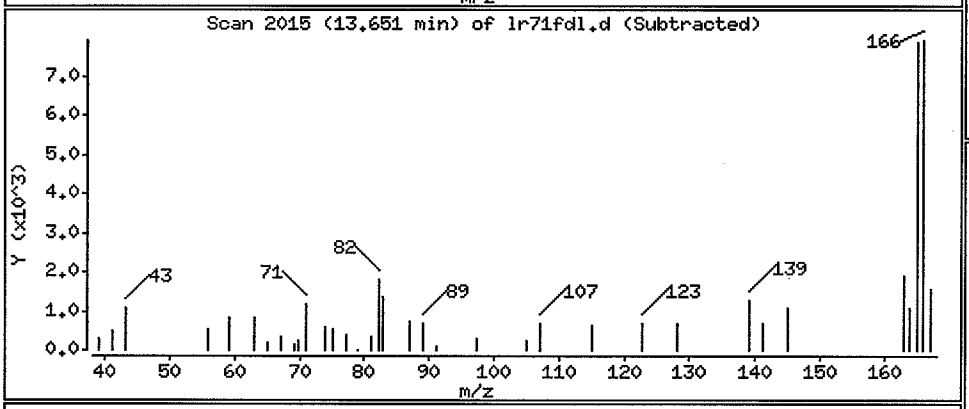
Sample Info: LR71F,3

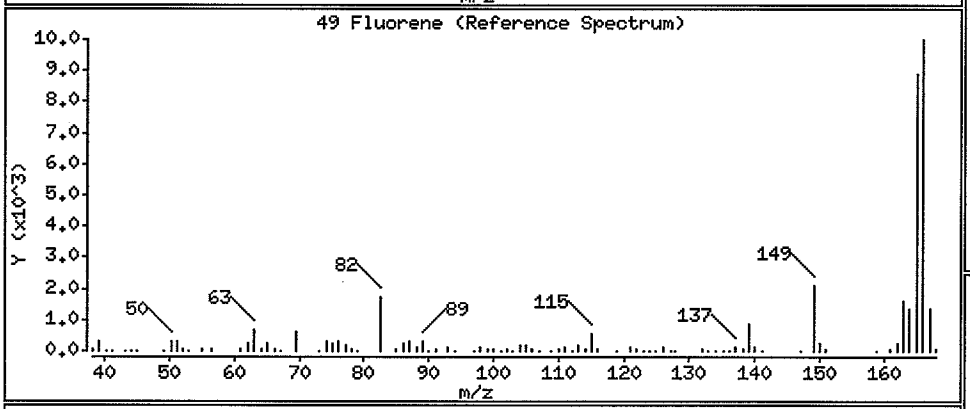
Volume Injected (uL): 1.0 Operator: LJR/VTS

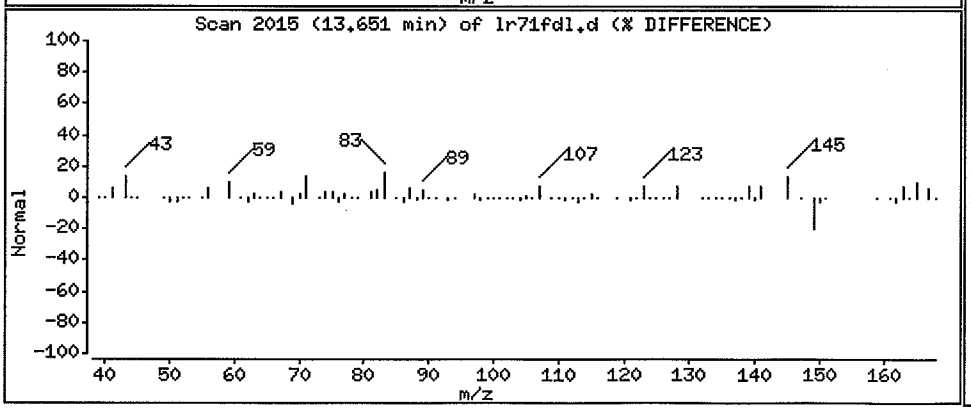
Column phase: ZB-5 Column diameter: 0.32

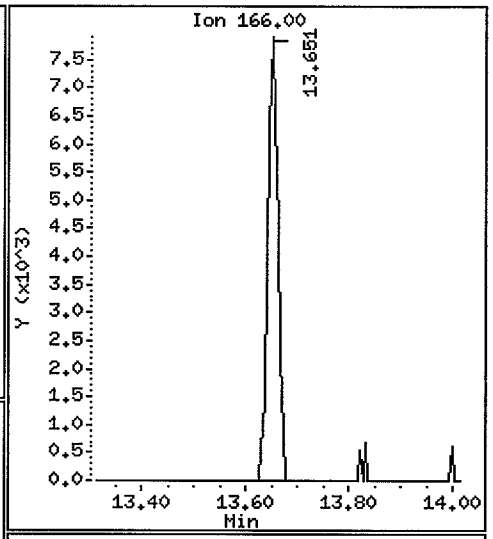
49 Fluorene Concentration: 35.44 ug/kg

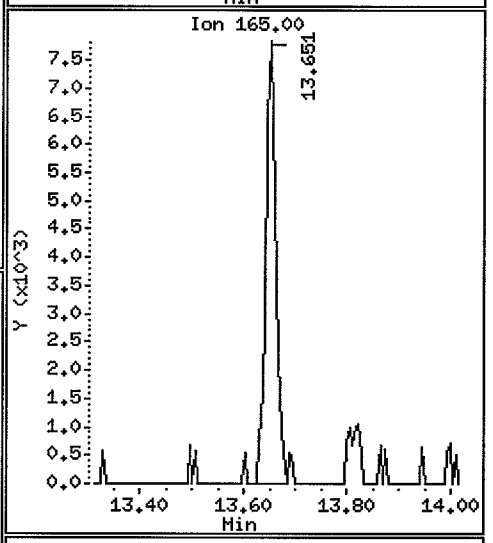


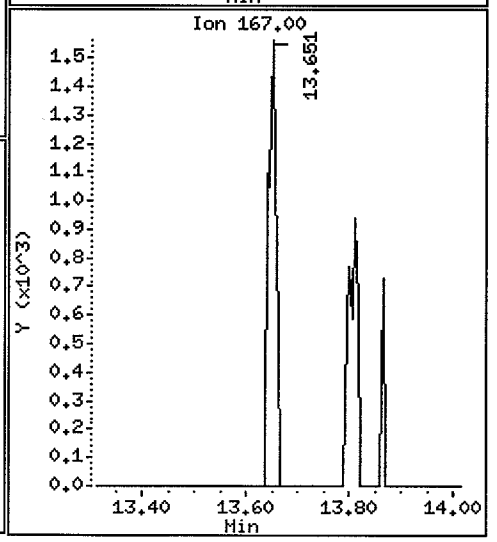












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F,3

Volume Injected (uL): 1.0

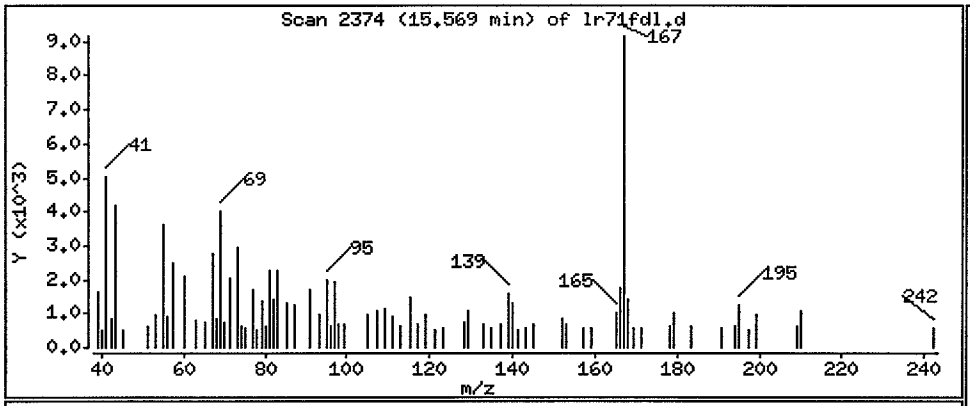
Operator: LJR/VTS

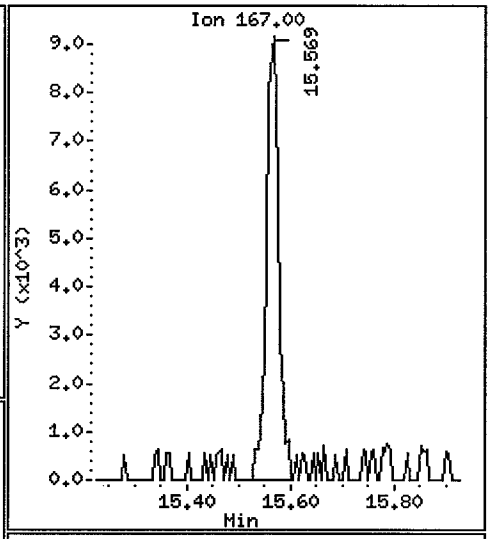
Column phase: ZB-5

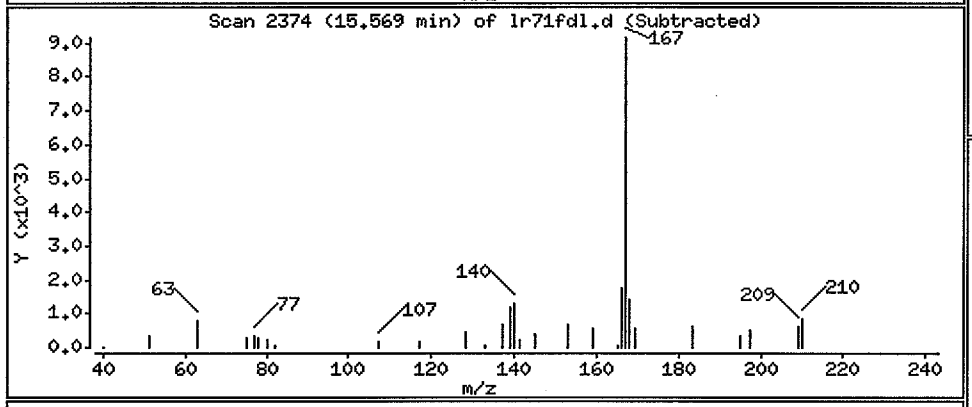
Column diameter: 0.32

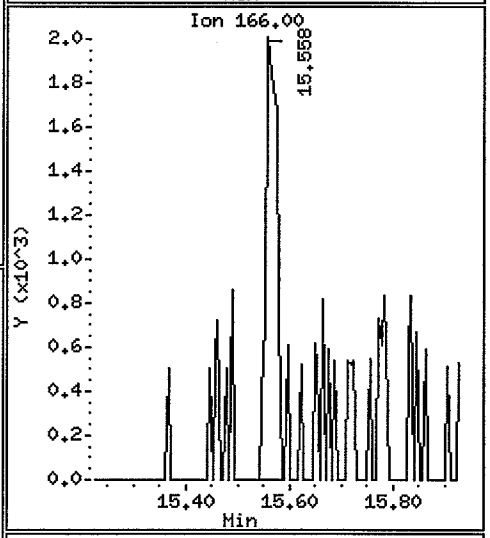
62 Carbazole

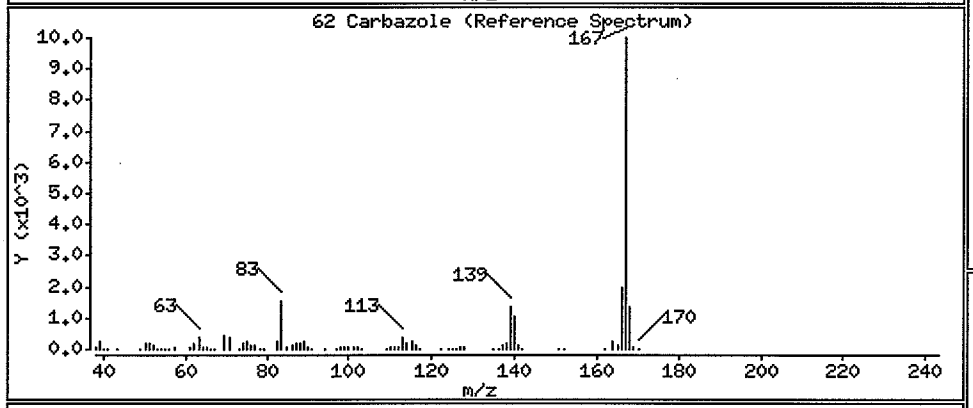
Concentration: 35.71 ug/kg

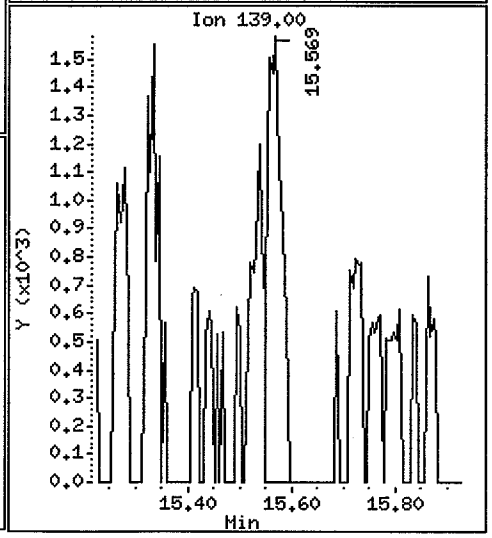


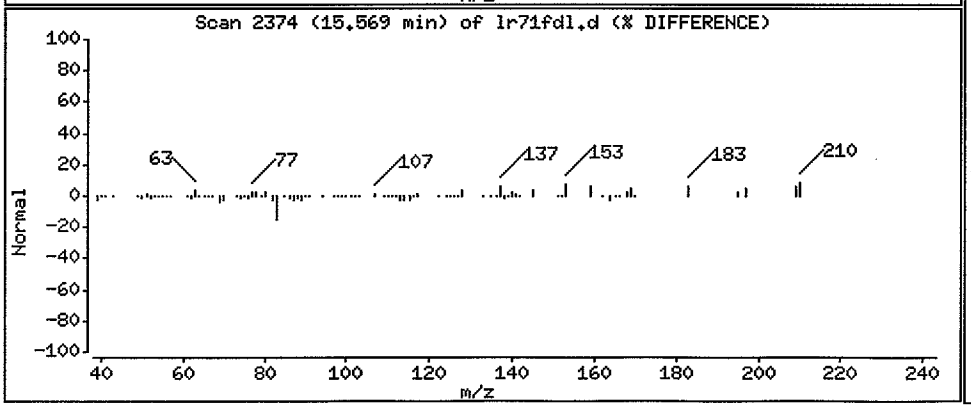












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

Client ID: AN-SS-11-070928

Instrument: nt6.i

Sample Info: LR71F,3

Volume Injected (uL): 1.0

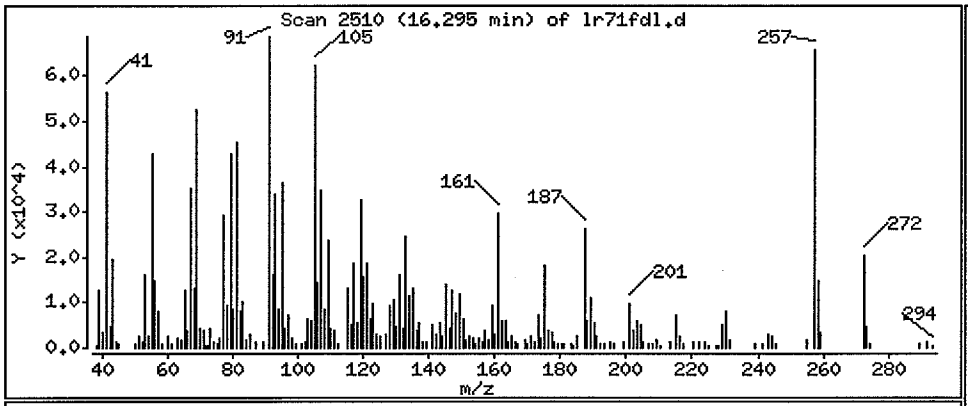
Operator: LJR/VTS

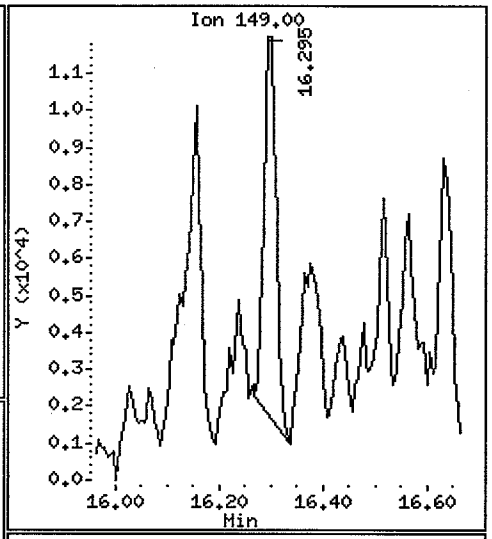
Column phase: ZB-5

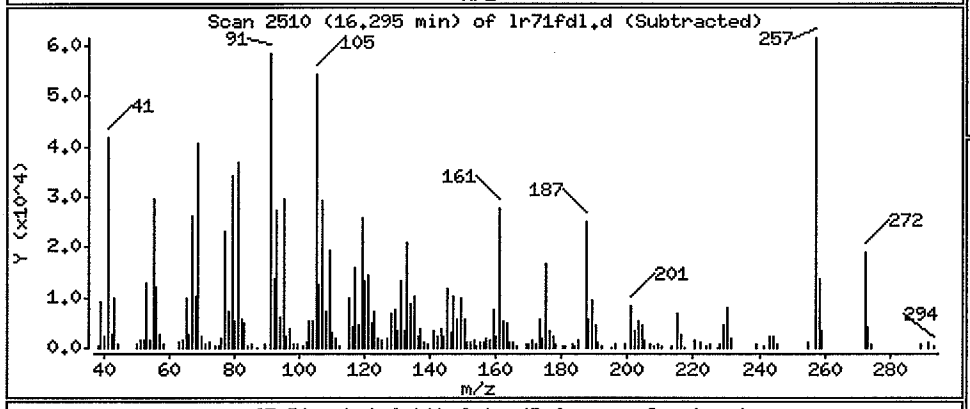
Column diameter: 0.32

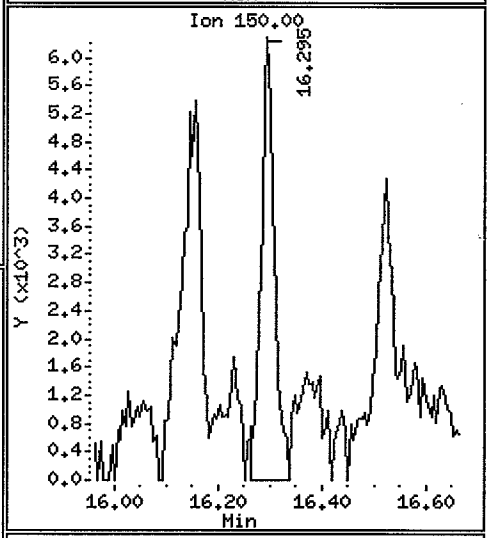
63 Di-n-butylphthalate

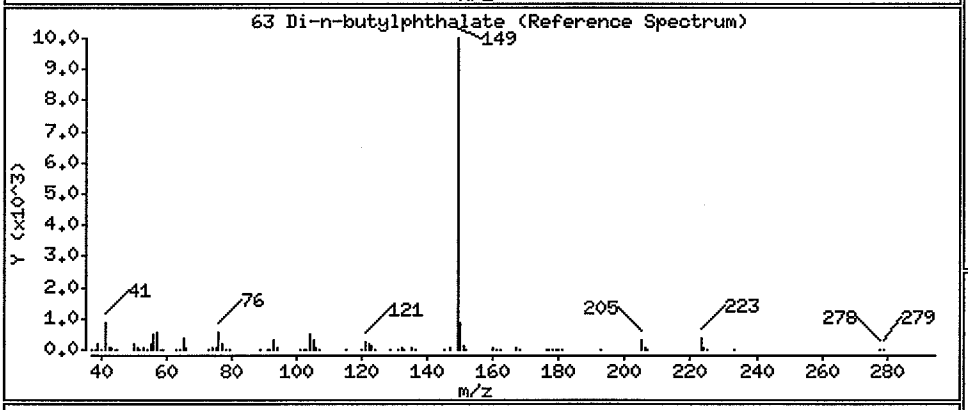
Concentration: 34.50 ug/kg

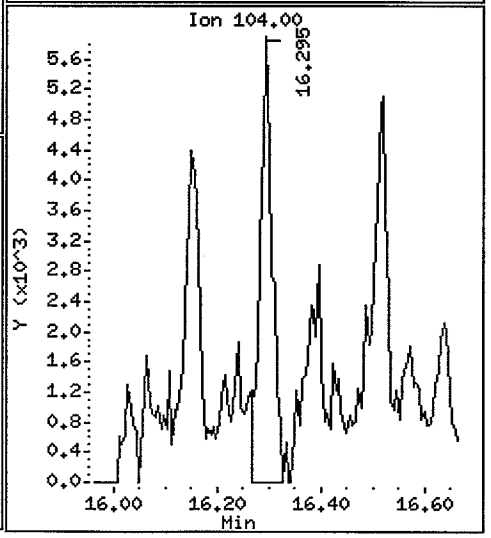


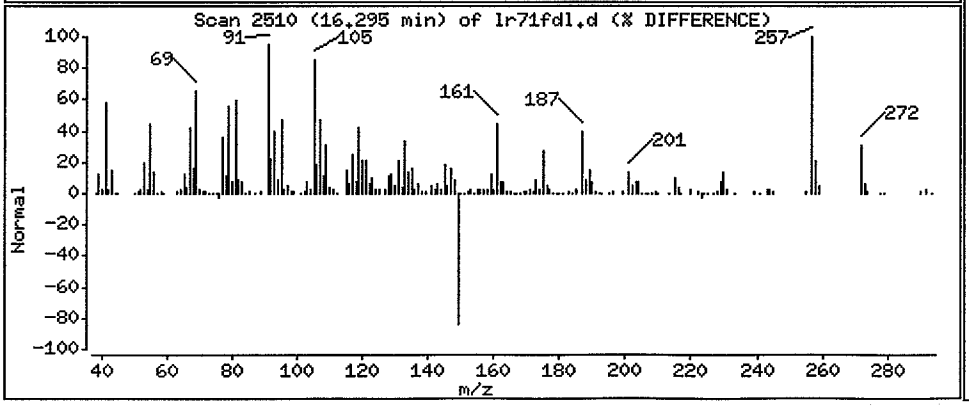












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

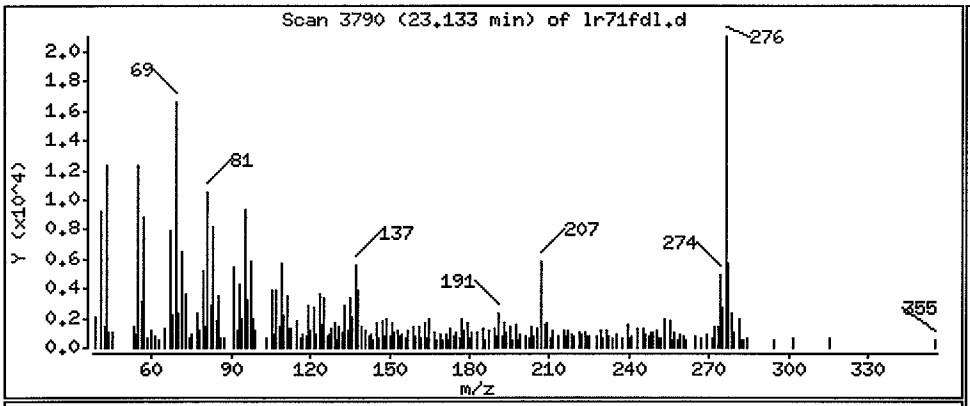
Client ID: AN-SS-11-070928 Instrument: nt6.i

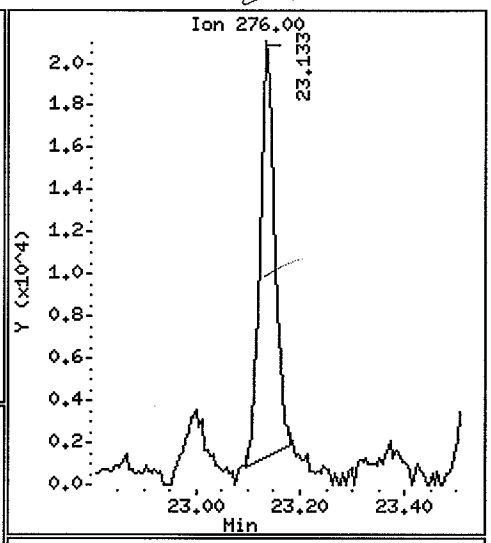
Sample Info: LR71F,3

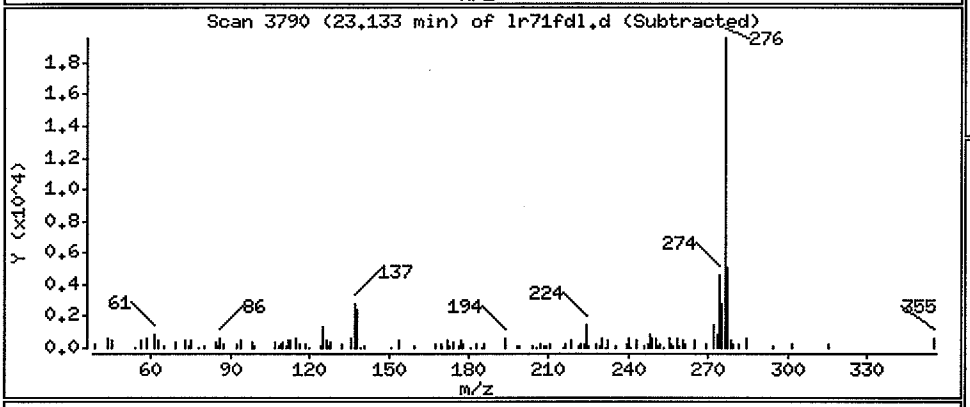
Volume Injected (uL): 1.0 Operator: LJR/VTS

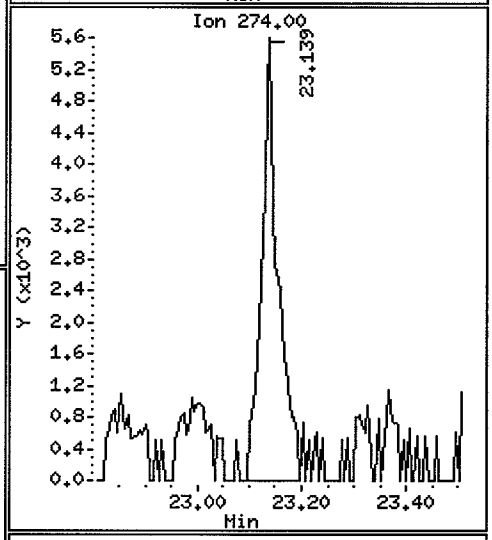
Column phase: ZB-5 Column diameter: 0.32

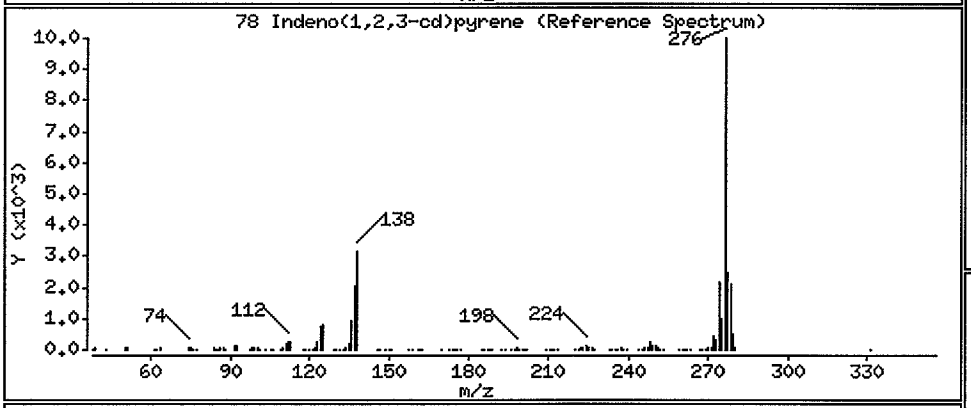
78 Indeno(1,2,3-cd)pyrene Concentration: 57.91 ug/kg

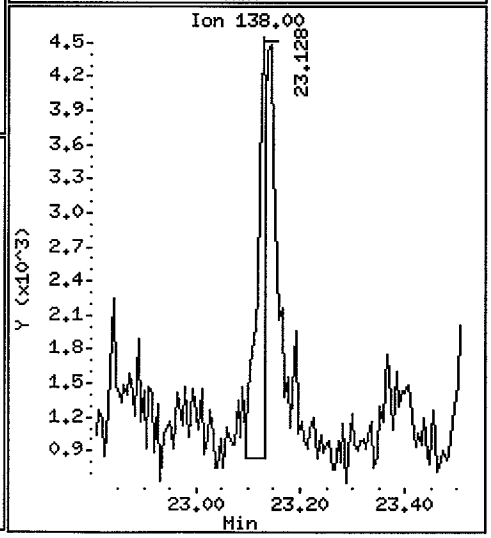


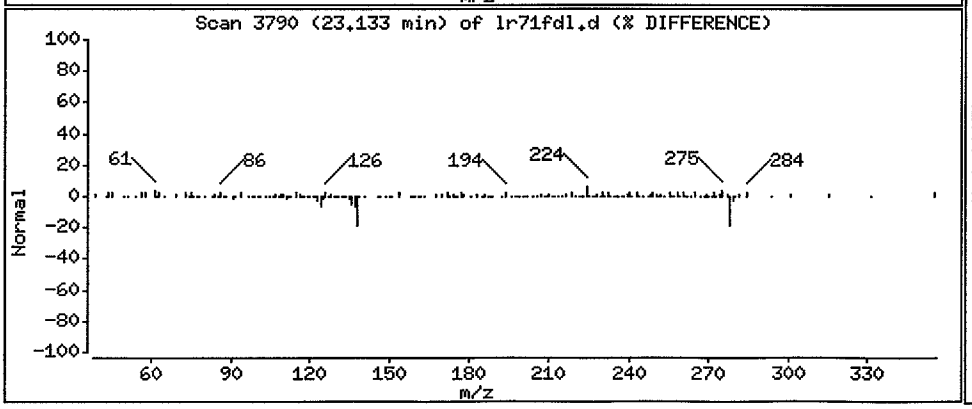












Data File: /chem1/nt6.i/20071019.b/lr71fdl.d

Date : 19-OCT-2007 17:51

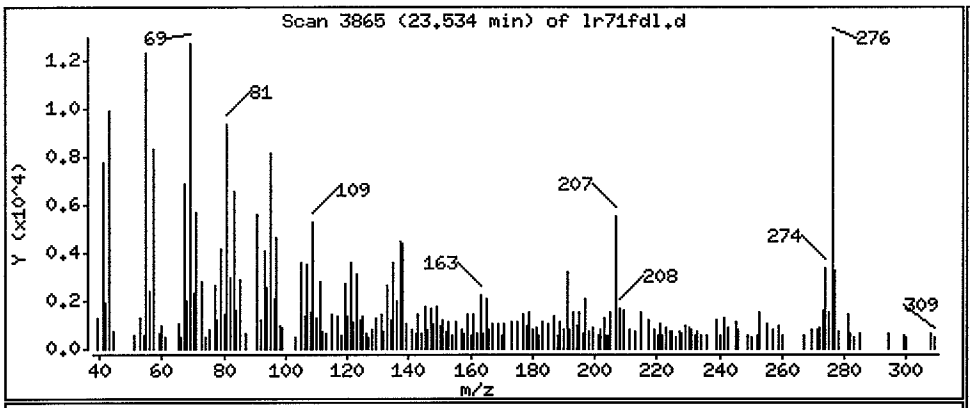
Client ID: AN-SS-11-070928 Instrument: nt6.i

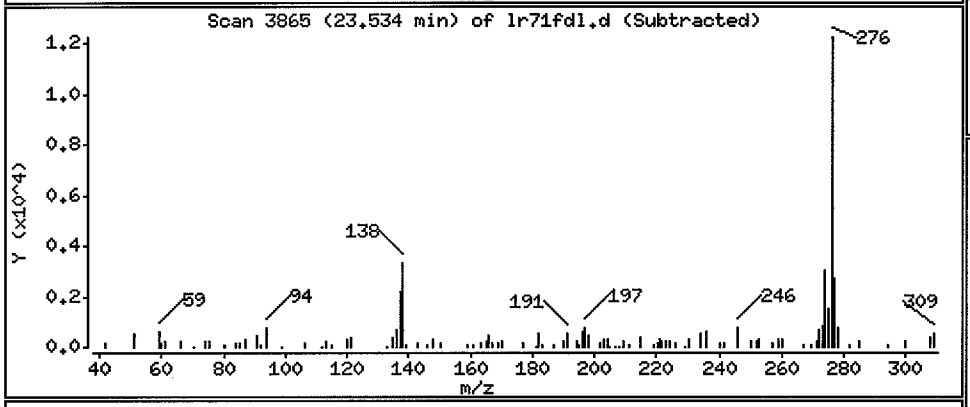
Sample Info: LR71F,3

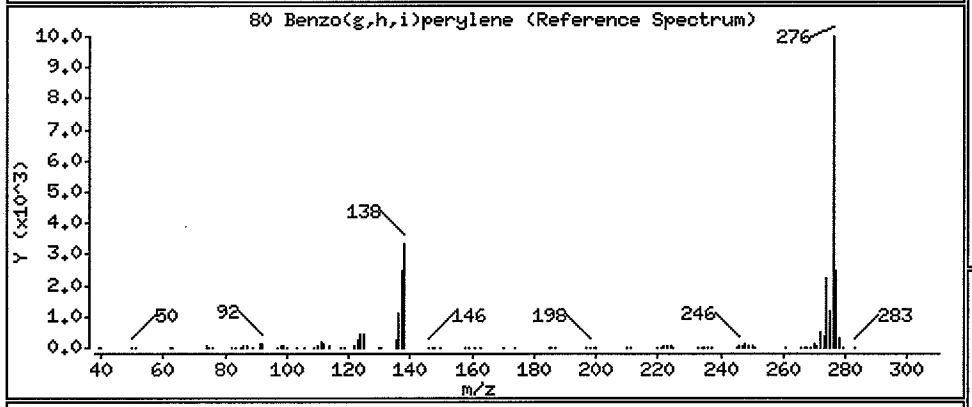
Volume Injected (uL): 1.0 Operator: LJR/VTS

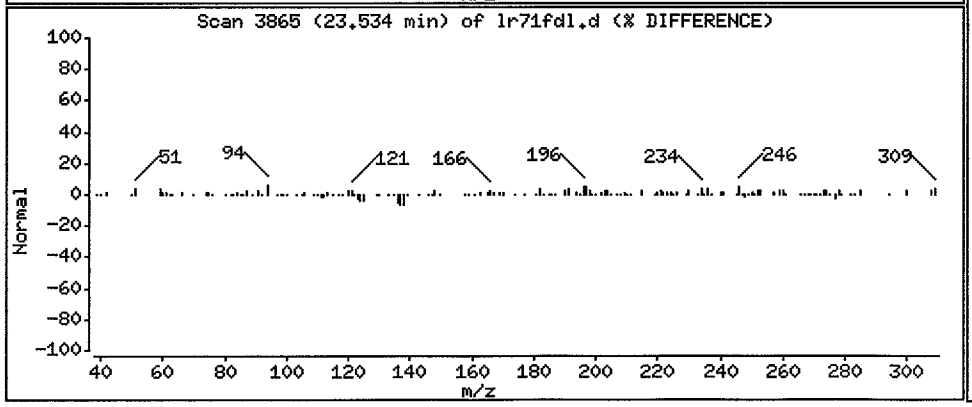
Column phase: ZB-5 Column diameter: 0.32

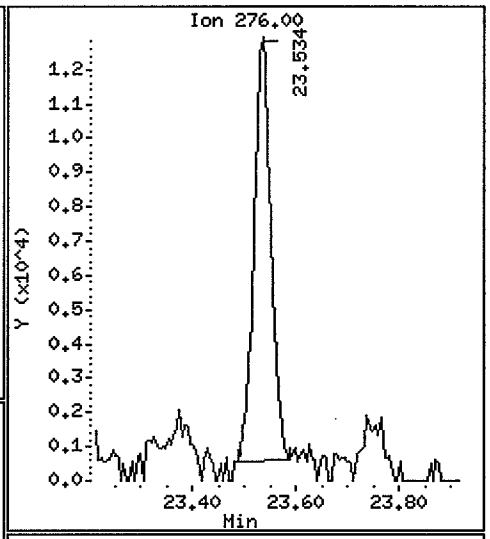
80 Benzo(g,h,i)perylene Concentration: 42.44 ug/kg

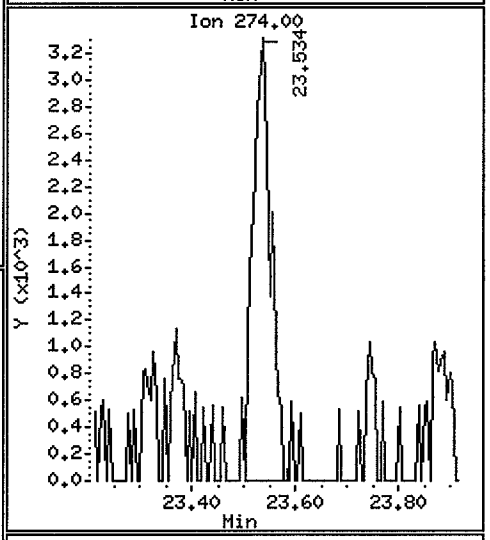


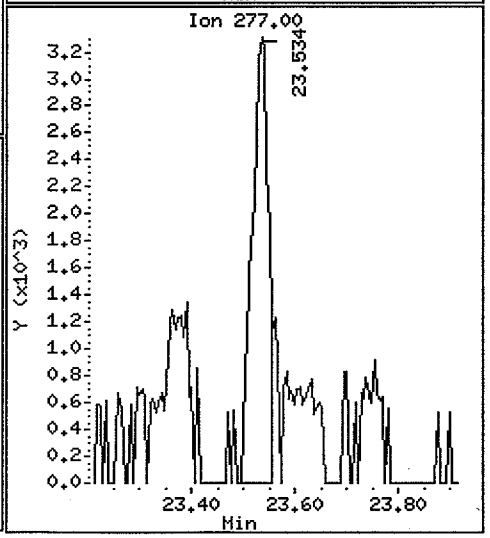












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-11-070928**
Page 1 of 2 **REEXTRACT**

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 20:18
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 32.9%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**24**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**66**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**100**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**31**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**32**
83-32-9	**Acenaphthene**	**20**	**32**
132-64-9	**Dibenzofuran**	**20**	**37**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**50**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**420**
120-12-7	**Anthracene**	**20**	**92**
84-74-2	Di-n-Butylphthalate	42	< 42 Y
206-44-0	**Fluoranthene**	**20**	**840**
129-00-0	**Pyrene**	**20**	**550**
85-68-7	Butylbenzylphthalate	45	< 45 Y
56-55-3	**Benzo(a)anthracene**	**20**	**190**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**280 B**
218-01-9	**Chrysene**	**20**	**250**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**160**
207-08-9	**Benzo(k)fluoranthene**	**20**	**180**
50-32-8	**Benzo(a)pyrene**	**20**	**170**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**66**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**27**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**43**

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-11-070928
REEXTRACT

Lab Sample ID: LR71F
LIMS ID: 07-20771
Matrix: Sediment
Date Analyzed: 11/01/07 20:18

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	22

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.4%	2-Fluorobiphenyl	64.0%
d14-p-Terphenyl	60.8%	d4-1,2-Dichlorobenzene	56.8%
d5-Phenol	62.7%	2-Fluorophenol	49.1%
2,4,6-Tribromophenol	65.6%	d4-2-Chlorophenol	61.1%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71f2.d
Lab Smp Id: LR71FRE
Inj Date : 01-NOV-2007 20:18
Operator : VTS Inst ID: nt4.i
Smp Info : LR71FRE
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJK 11/2/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.861	4.748	(0.712)	258385	18.4020	368.0
$ 2	Phenol-d5	99	6.512	6.489	(0.954)	369262	23.4957	469.9
3	Phenol	94	6.528	6.505	(0.956)	22417	1.2002	24.02
$ 5	2-Chlorophenol-d4	132	6.544	6.521	(0.959)	267109	22.9123	458.2
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	6.827	6.820	(1.000)	165938	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.121	7.114	(1.043)	106216	14.1600	283.2
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

Data File: /chem3/nt4.i/20071101.b/lr71f2.d
Report Date: 02-Nov-2007 11:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	7.698	7.686	(1.128)	42319	3.37189	67.44
$	18 Nitrobenzene-d5	82	7.772	7.771	(0.876)	238832	15.1162	302.3
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	8.713	8.813	(0.983)	22140	2.19485 LQL	43.90
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.867	8.872	(1.000)	598961	20.0000	
	28 Naphthalene	128	8.900	8.899	(1.004)	189535	5.15437	103.1
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	10.016	10.015	(1.130)	29871	1.59465	31.89
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.673	10.677	(0.914)	351582	16.0339	320.7
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	11.432	11.431	(0.978)	50507	1.62624	32.52
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.683	11.682	(1.000)	317563	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	11.731	11.730	(1.004)	34099	1.65393	33.08
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	11.987	11.992	(1.026)	50828	1.89290	37.86
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	12.575	12.585	(1.076)	15223	0.68697 LQL	13.74
	49 Fluorene	166	12.532	12.537	(1.073)	58309	2.54479	50.90
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.954	12.953	(1.109)	67230	24.5929	491.9
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.001	14.000	(1.000)	443947	20.0000	
	60 Phenanthrene	178	14.033	14.032	(1.002)	650009	21.1853	423.7
	61 Anthracene	178	14.103	14.102	(1.007)	144580	4.66002	93.20
	62 Carbazole	167	14.423	14.412	(1.030)	48052	1.81013	36.20(M)

Data File: /chem3/nt4.i/20071101.b/lr71f2.d
Report Date: 02-Nov-2007 11:41

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
63 Di-n-butylphthalate	149	15.225	15.197	(1.087)	68063	2.13301 Y	42.66
64 Fluoranthene	202	15.946	15.923	(1.139)	1411503	42.4918	849.8
65 Pyrene	202	16.282	16.260	(0.892)	1177697	28.1355	562.7
$ 66 Terphenyl-d14	244	16.651	16.634	(0.912)	366814	15.1800	303.6
67 Butylbenzylphthalate	149	17.602	17.558	(0.965)	39752	2.26523 Y	45.30(M)
68 Benzo(a)anthracene	228	18.227	18.199	(0.999)	371239	9.56349	191.3
* 69 Chrysene-d12	240	18.248	18.221	(1.000)	522303	20.0000	(M)
70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71 Chrysene	228	18.286	18.258	(1.002)	488437	12.7916	255.8
72 bis(2-Ethylhexyl)phthalate	149	18.601	18.578	(0.953)	339237	14.0308 B	280.6
* 134 Di-n-octylphthalate-d4	153	19.520	19.503	(1.000)	767428	20.0000	
73 Di-n-octylphthalate	149	Compound Not Detected.					
74 Benzo(b)fluoranthene	252	19.856	19.818	(0.975)	294460	8.20089	164.0(M)
75 Benzo(k)fluoranthene	252	19.856	19.850	(0.975)	349788	9.22186	184.4(M)
76 Benzo(a)pyrene	252	20.273	20.245	(0.996)	278142	8.69827	174.0
* 77 Perylene-d12	264	20.358	20.325	(1.000)	527367	20.0000	
78 Indeno(1,2,3-cd)pyrene	276	21.705	21.661	(1.066)	117705	3.34890	66.98(M)
79 Dibenzo(a,h)anthracene	278	21.747	21.693	(1.068)	39819	1.37941	27.59(M)
80 Benzo(g,h,i)perylene	276	22.014	21.944	(1.081)	69120	2.18330	43.67(M)
90 N-Nitrosodimethylamine	74	Compound Not Detected.					
91 Aniline	93	Compound Not Detected.					
93 Benzidine	184	Compound Not Detected.					
103 Pyridine	79	Compound Not Detected.					
105 1-methylnaphthalene	141	10.176	10.181	(1.148)	21256	1.12052	22.41
111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71f2.d
Lab Smp Id: LR71FRE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

Calibration Date: 01-NOV-2007
Calibration Time: 14:35

Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	165938	14.14
27 Naphthalene-d8	530525	265262	1061050	598961	12.90
42 Acenaphthene-d10	280701	140350	561402	317563	13.13
59 Phenanthrene-d10	391934	195967	783868	443947	13.27
69 Chrysene-d12	354658	177329	709316	522303	47.27
134 Di-n-octylphthala	506314	253157	1012628	767428	51.57
77 Perylene-d12	400782	200391	801564	527367	31.58

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.83	0.09
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.05
42 Acenaphthene-d10	11.68	11.18	12.18	11.68	0.01
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	0.01
69 Chrysene-d12	18.22	17.72	18.72	18.25	0.15
134 Di-n-octylphthala	19.50	19.00	20.00	19.52	0.09
77 Perylene-d12	20.33	19.83	20.83	20.36	0.16

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

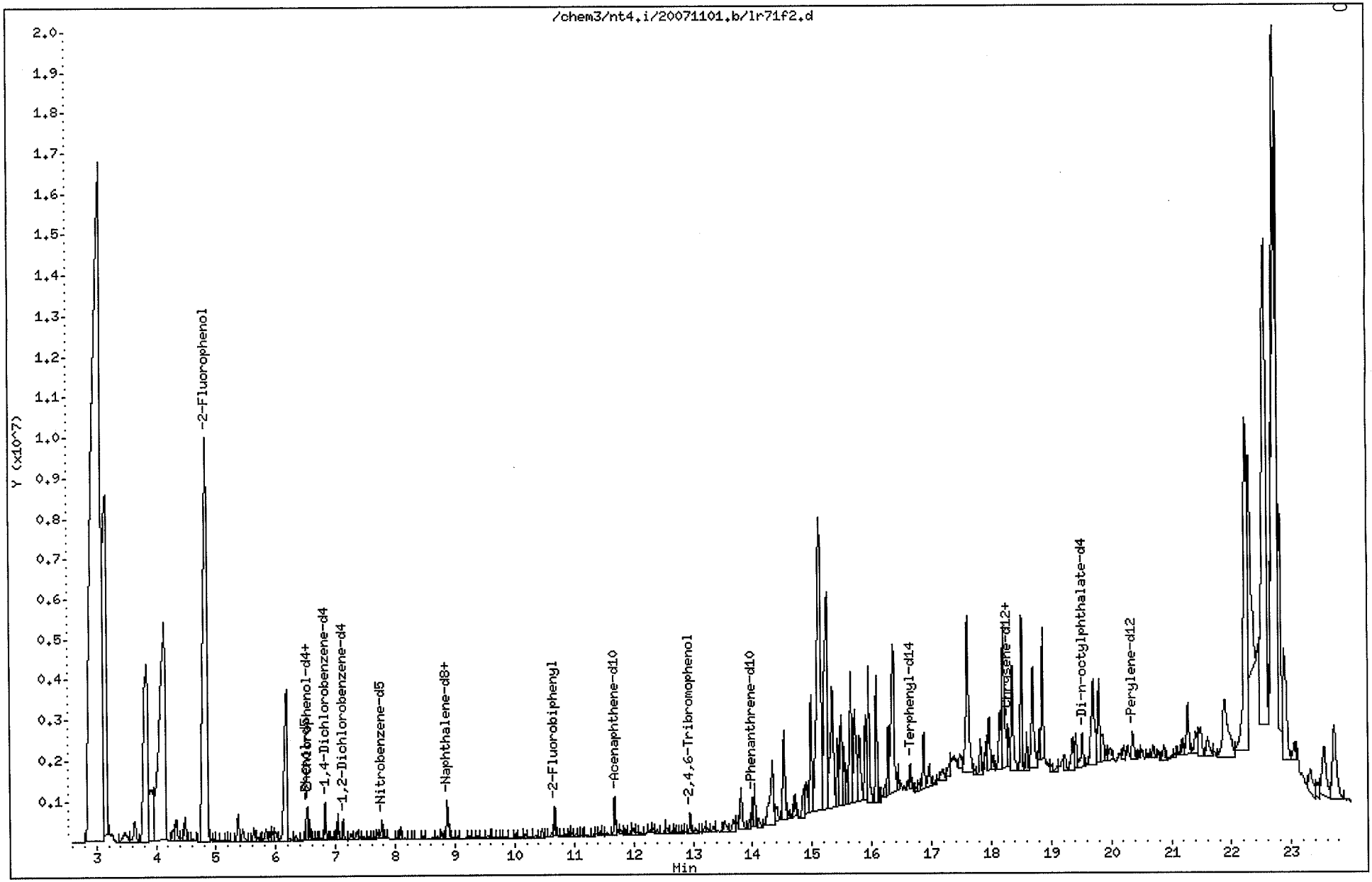
Client Name:
Client SDG: 20071101
Sample Matrix: SOLID
Fraction: SV
Lab Smp Id: LR71FRE
Level: LOW
Operator: VTS
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: PSDDALCS.spk
Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	368.0	49.07	11-84
$ 2 Phenol-d5	750.0	469.9	62.66	25-86
$ 5 2-Chlorophenol-d4	750.0	458.2	61.10	23-91
$ 10 1,2-Dichlorobenzen	500.0	283.2	56.64	24-90
$ 18 Nitrobenzene-d5	500.0	302.3	60.46	26-88
$ 36 2-Fluorobiphenyl	500.0	320.7	64.14	34-91
$ 55 2,4,6-Tribromophen	750.0	491.9	65.58	25-107
$ 66 Terphenyl-d14	500.0	303.6	60.72	22-100

Data File: /chem3/nt4.i/20071101.b/lr71f2.d
Date : 01-NOV-2007 20:18
Client ID:
Sample Info: LR71FRE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32

0468



Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

Operator: VTS

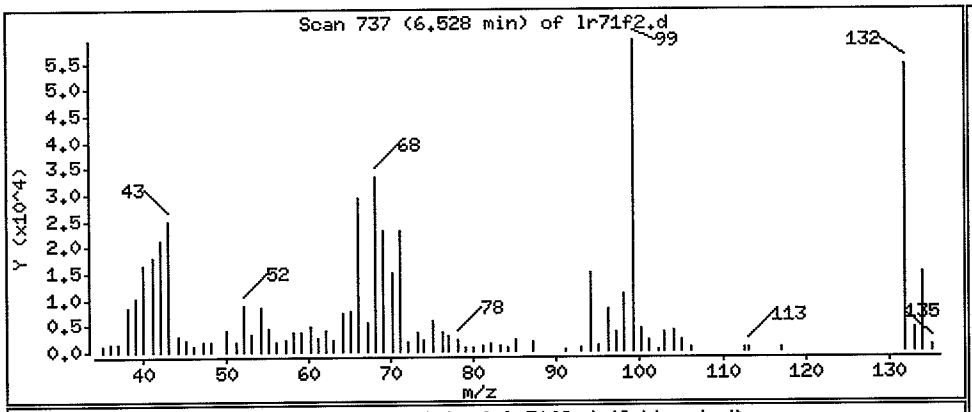
Column phase: ZB-5

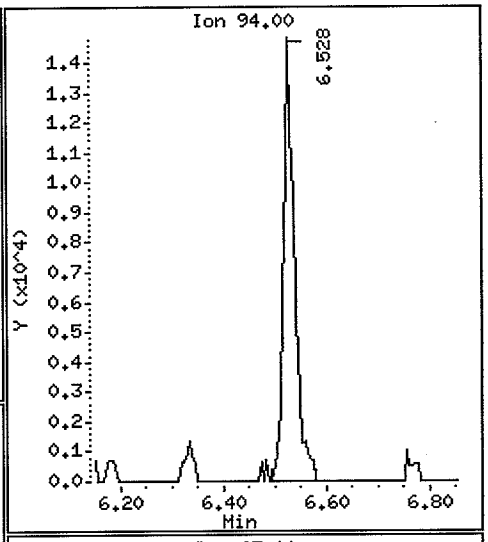
Column diameter: 0.32

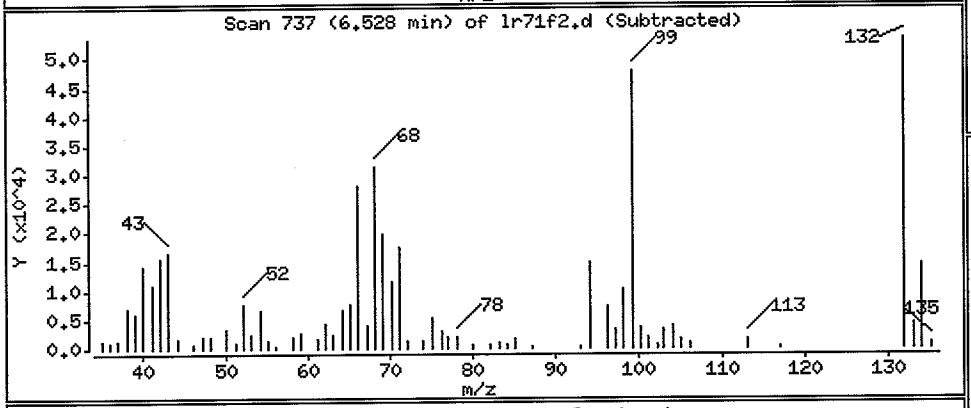
3 Phenol

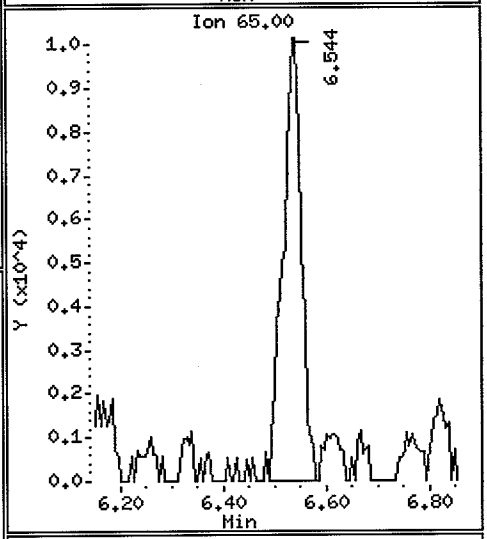
Concentration: 24.02 ug/Kg

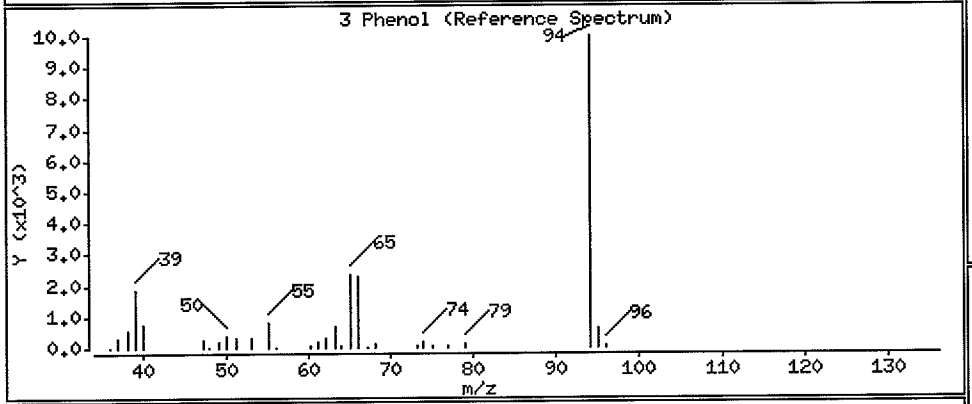
11/2/07

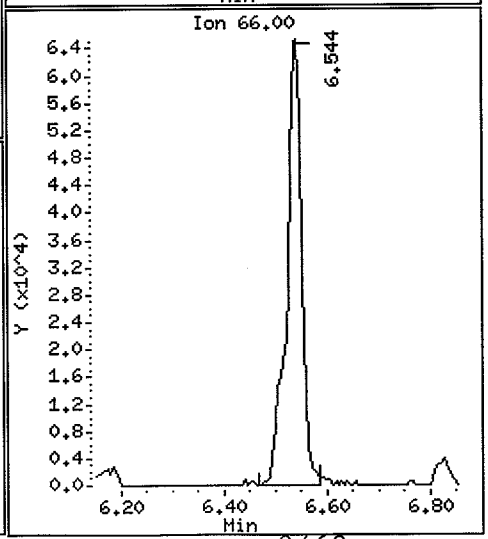


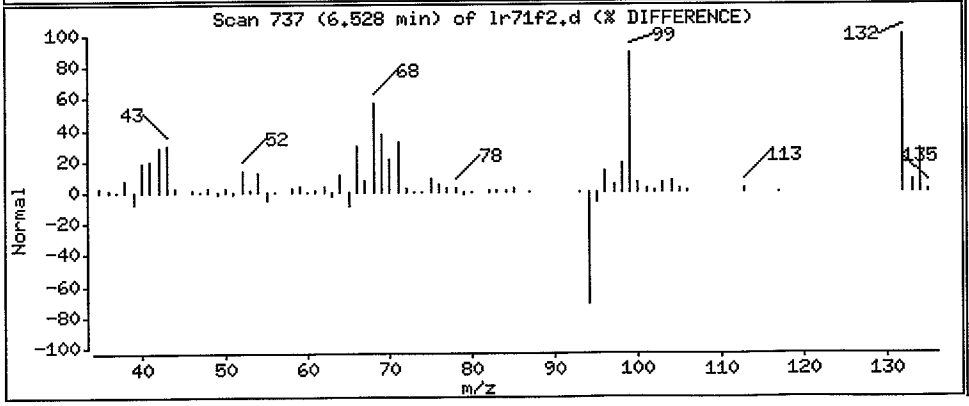












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

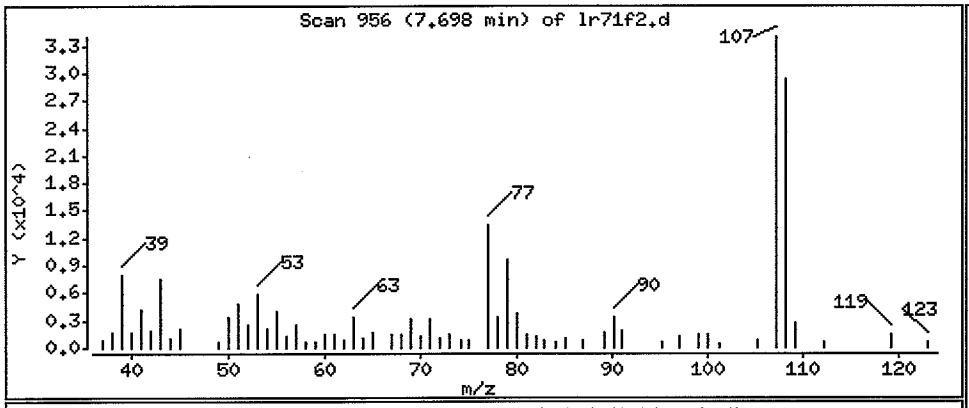
Operator: VTS

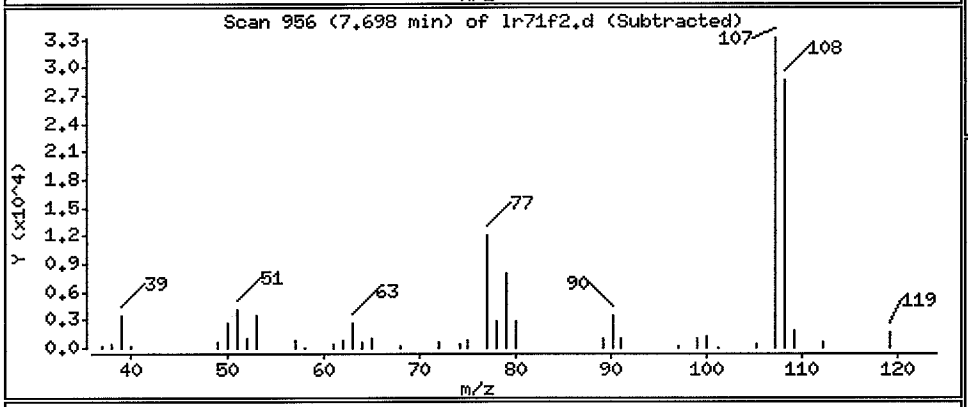
Column phase: ZB-5

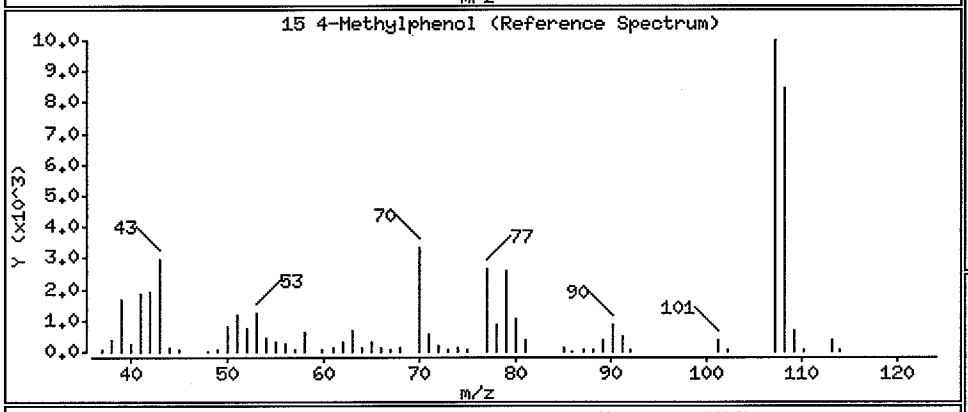
Column diameter: 0.32

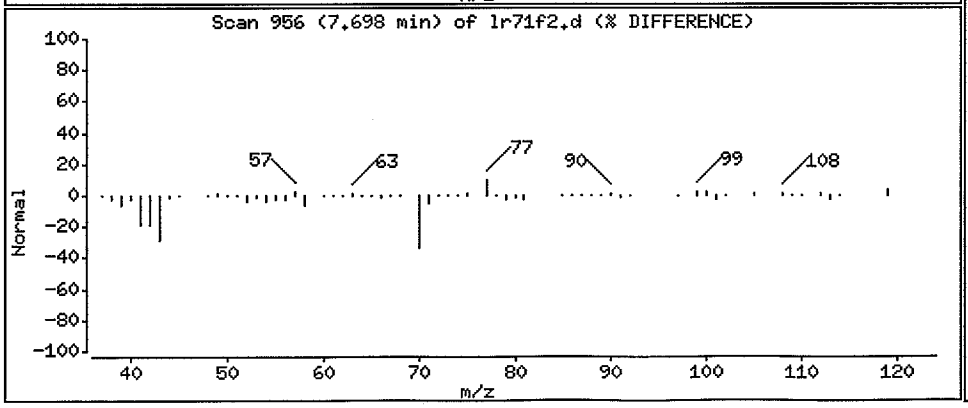
15 4-Methylphenol

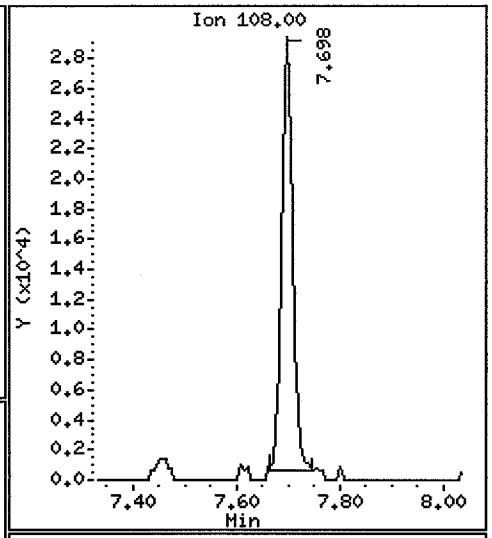
Concentration: 67.44 ug/Kg

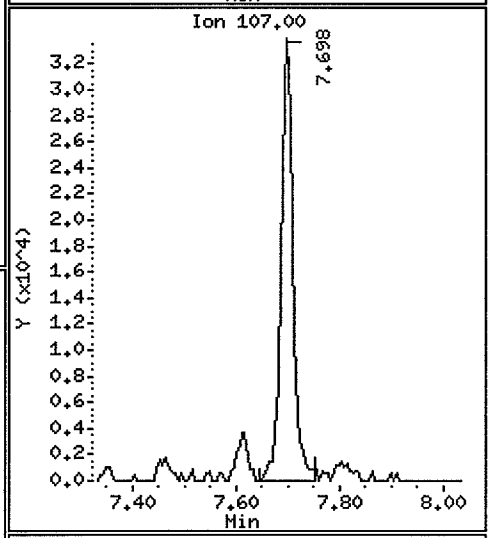


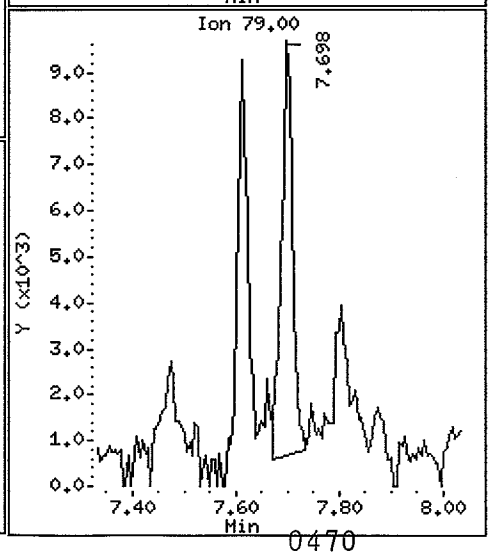












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

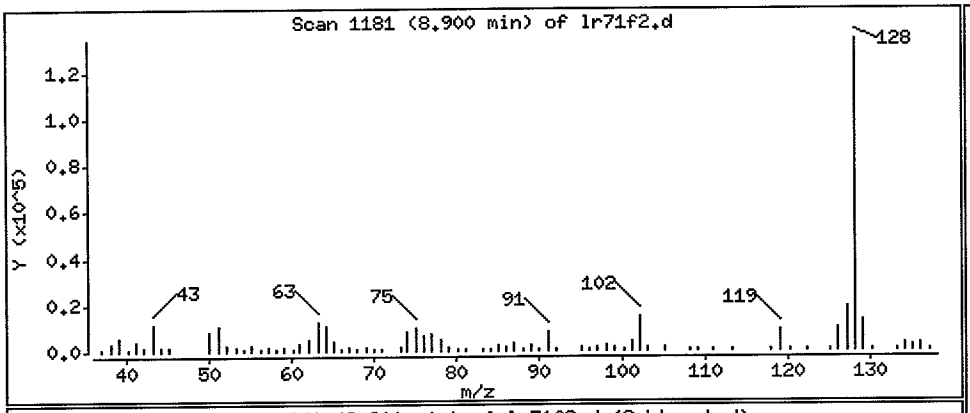
Operator: VTS

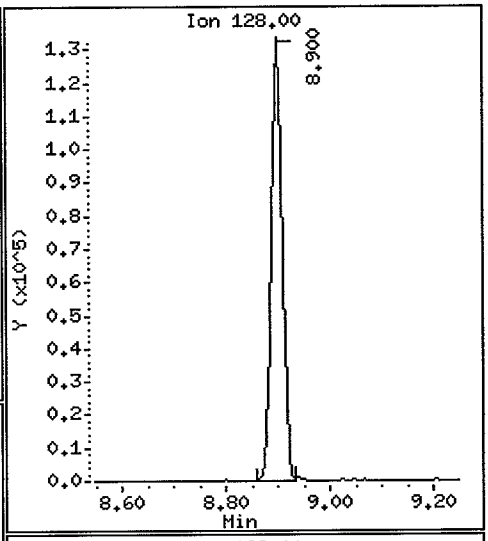
Column phase: ZB-5

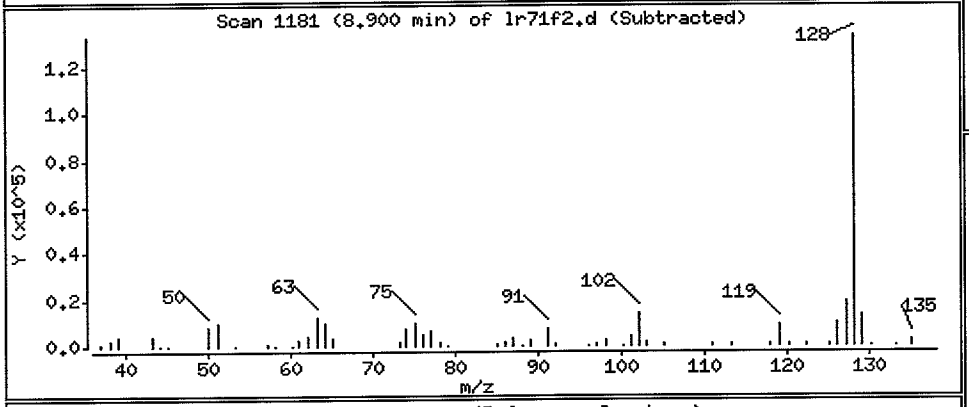
Column diameter: 0.32

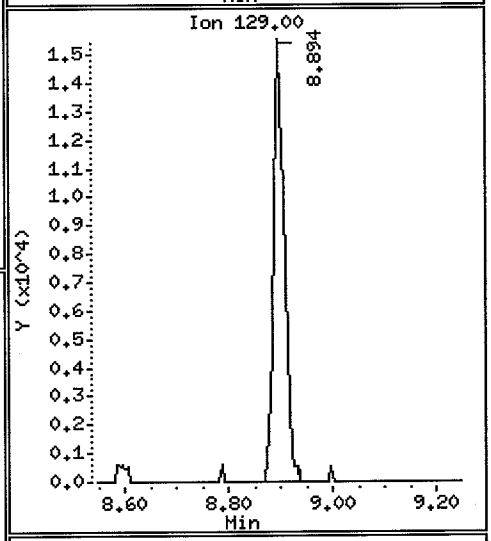
28 Naphthalene

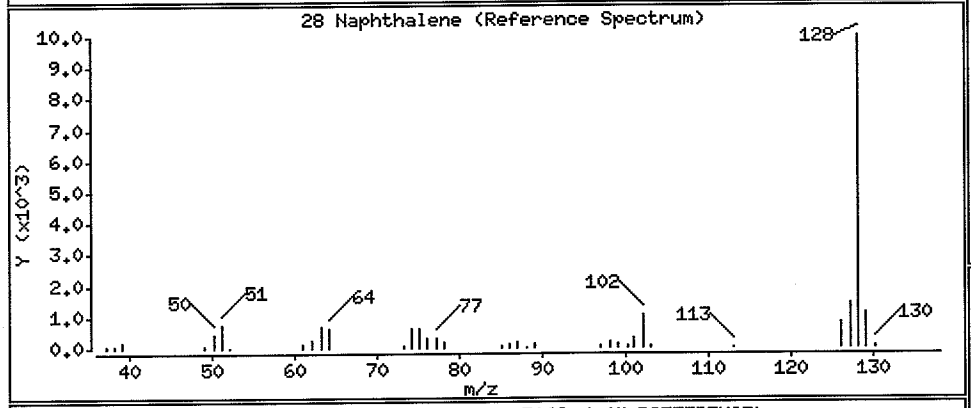
Concentration: 103.1 ug/Kg

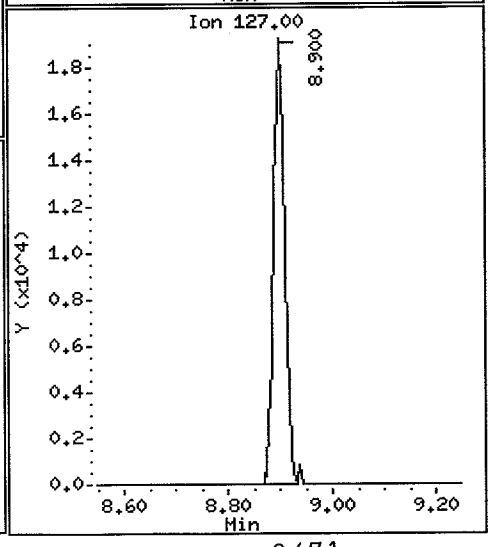


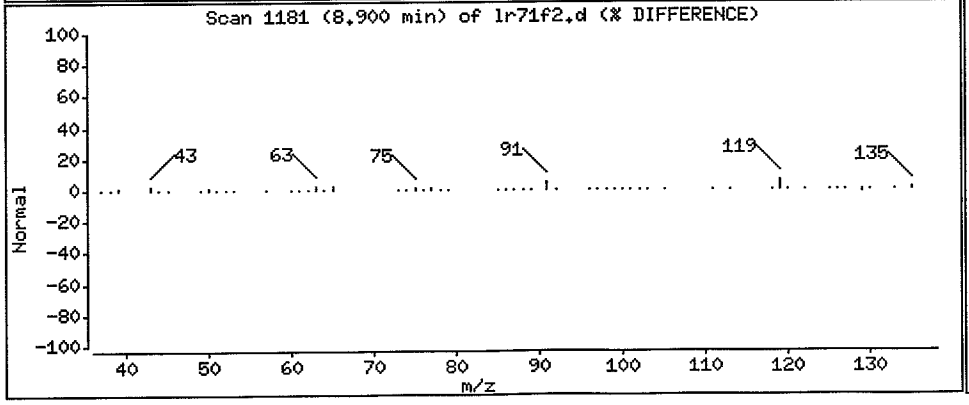












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

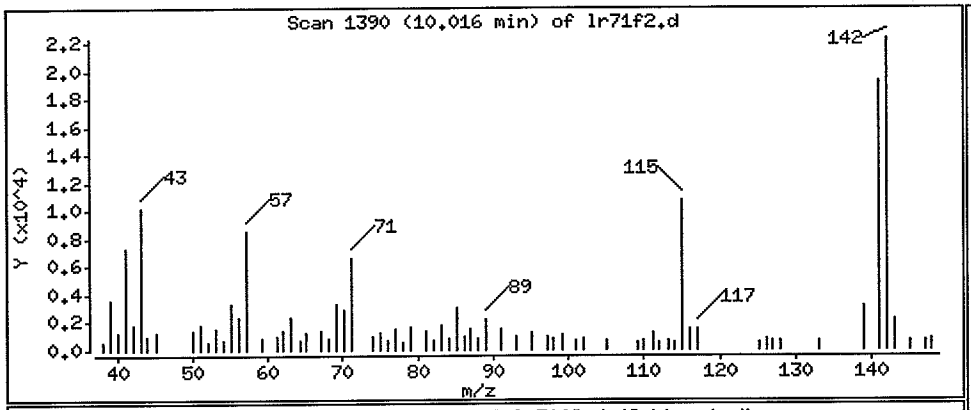
Operator: VTS

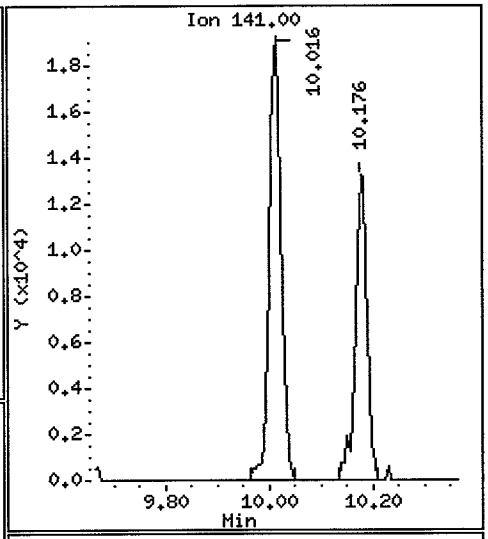
Column phase: ZB-5

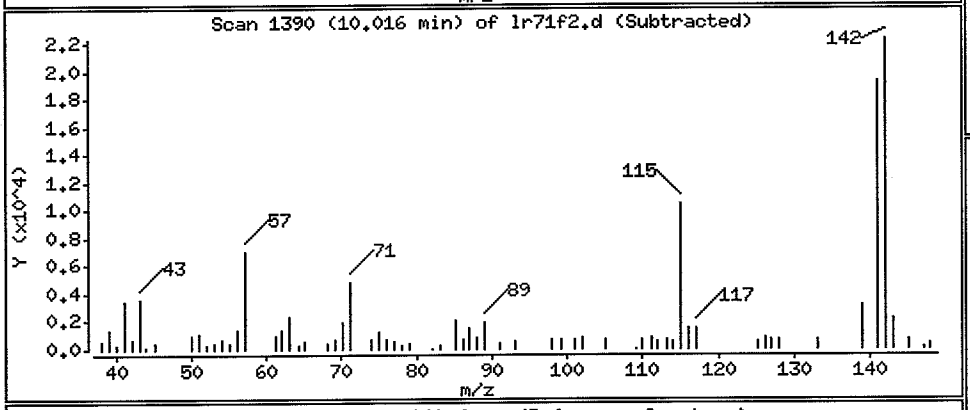
Column diameter: 0.32

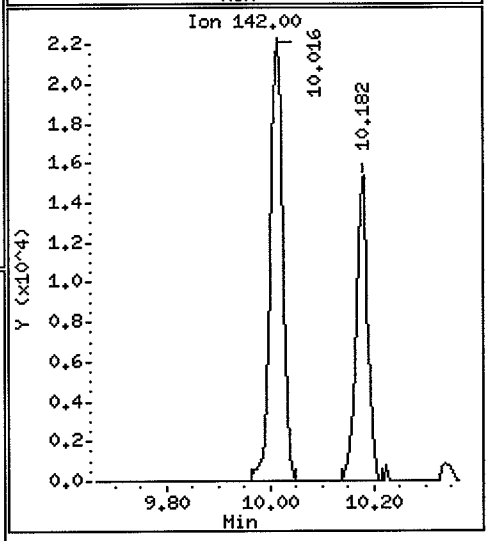
32 2-Methylnaphthalene

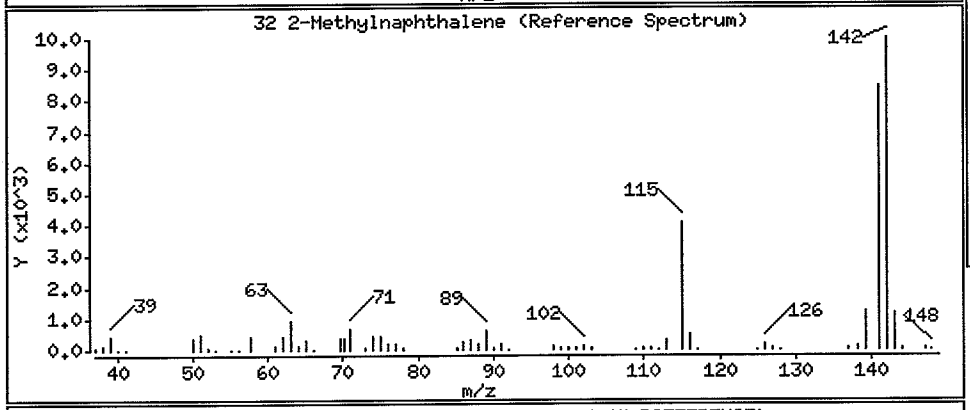
Concentration: 31.89 ug/Kg

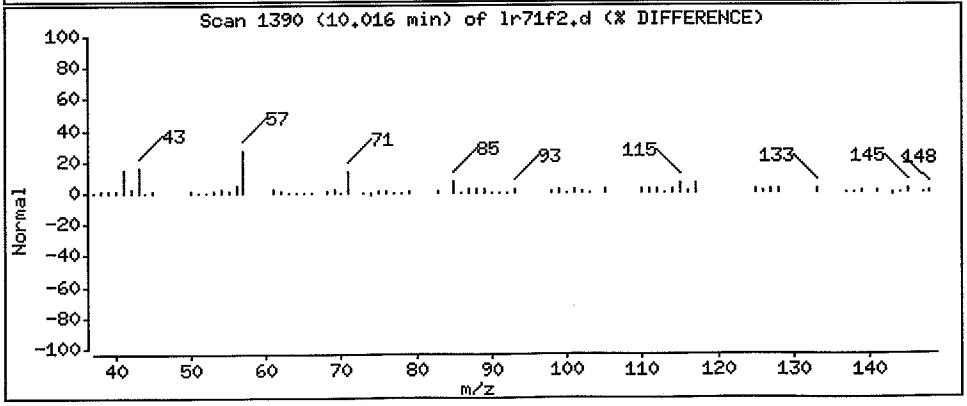












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

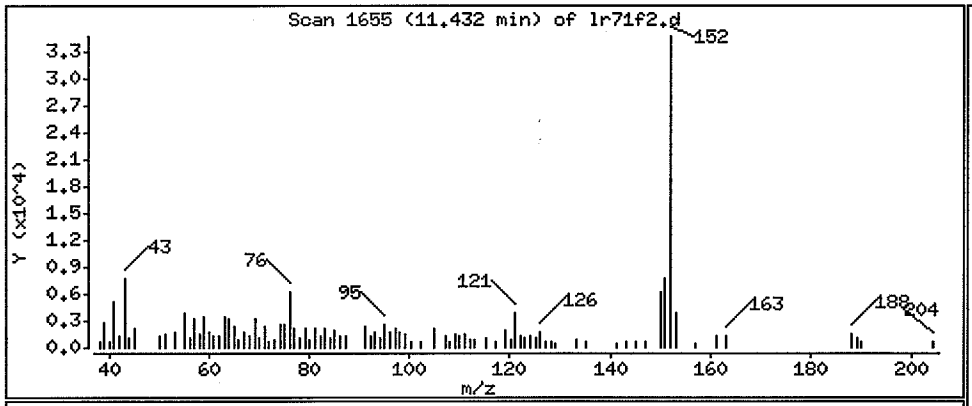
Operator: VTS

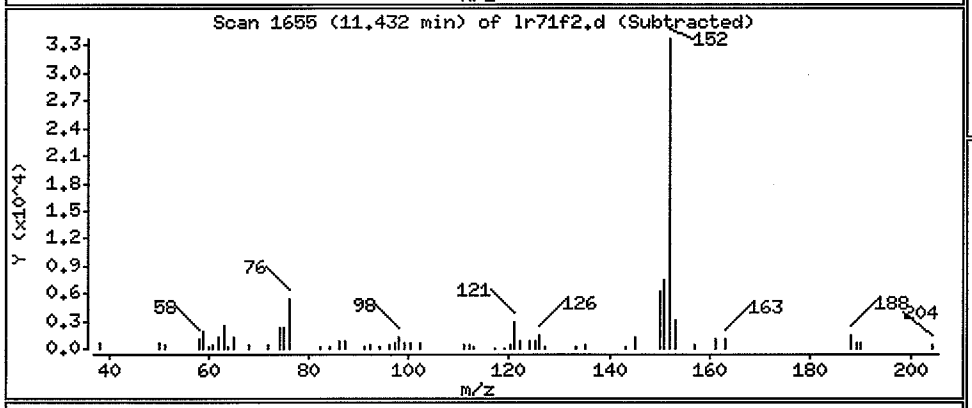
Column phase: ZB-5

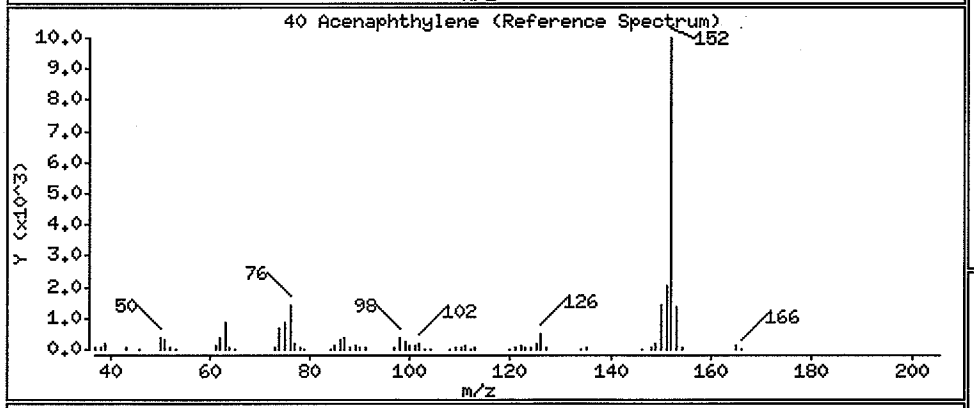
Column diameter: 0.32

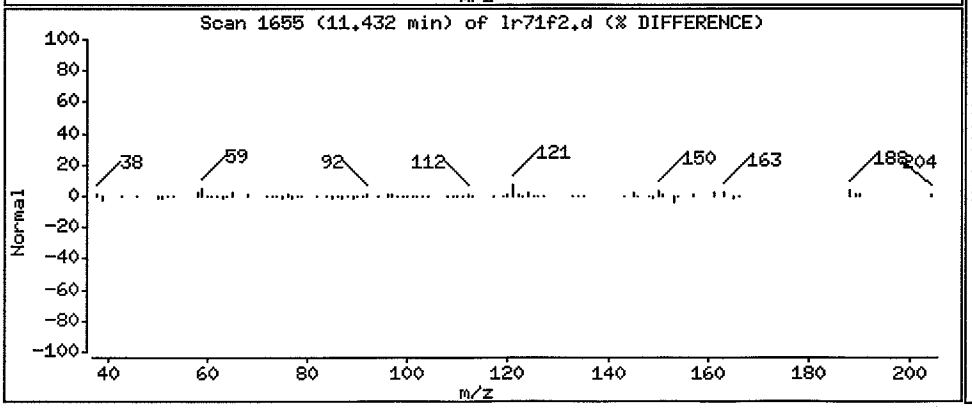
40 Acenaphthylene

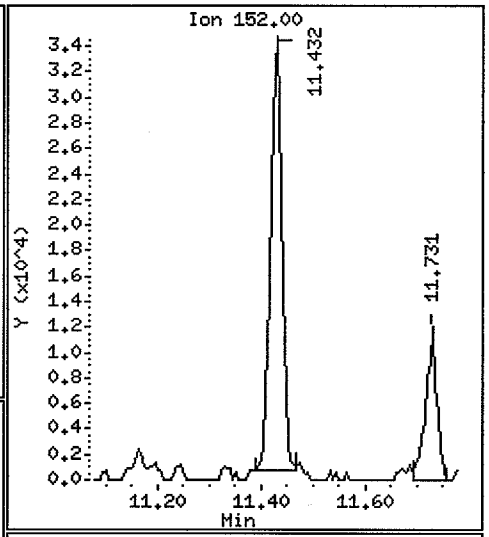
Concentration: 32.52 ug/Kg

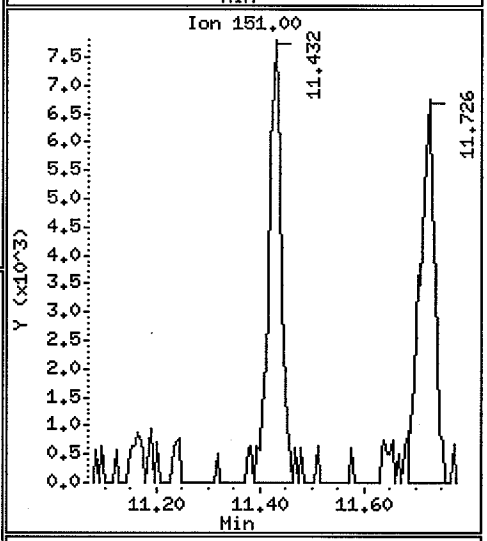


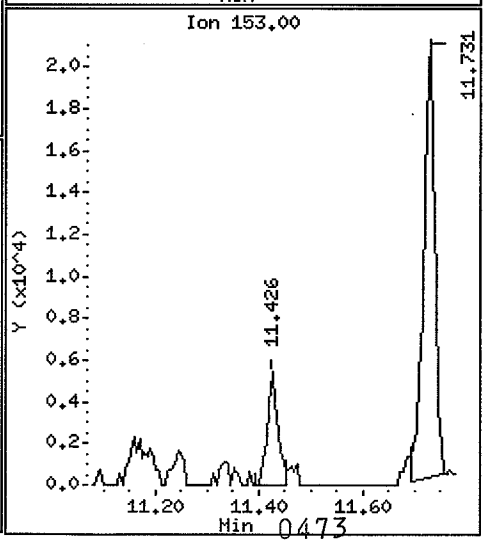












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

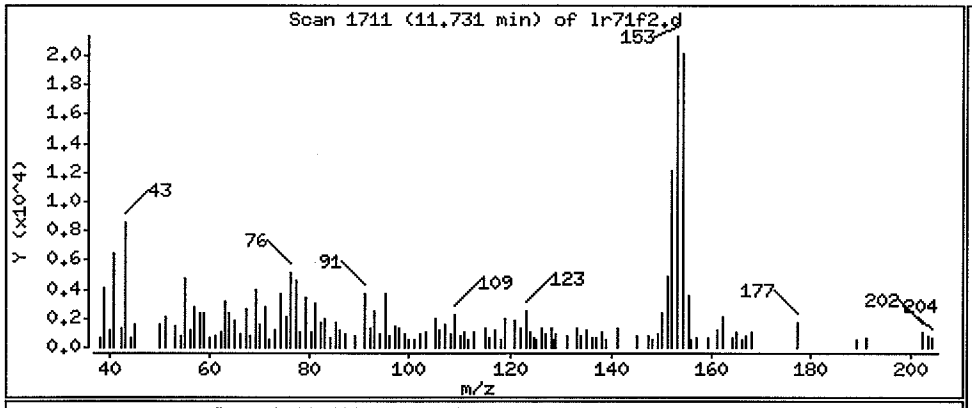
Operator: VTS

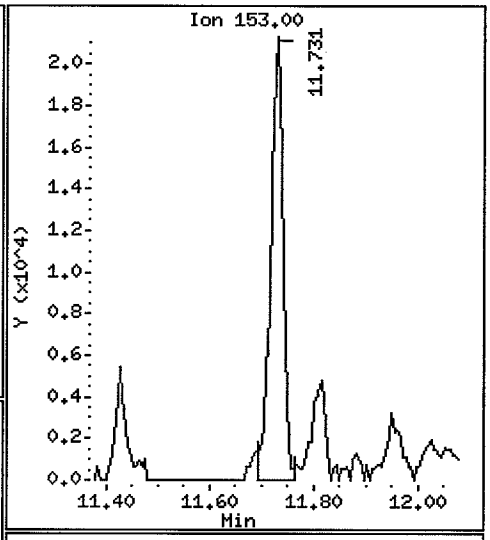
Column phase: ZB-5

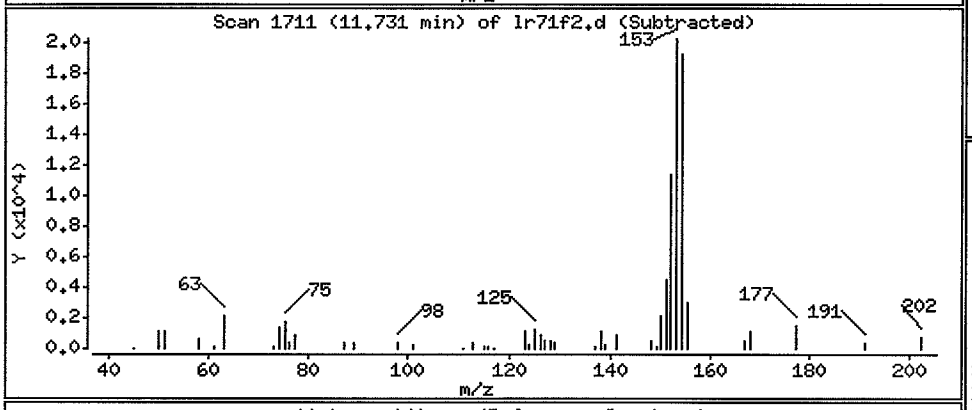
Column diameter: 0.32

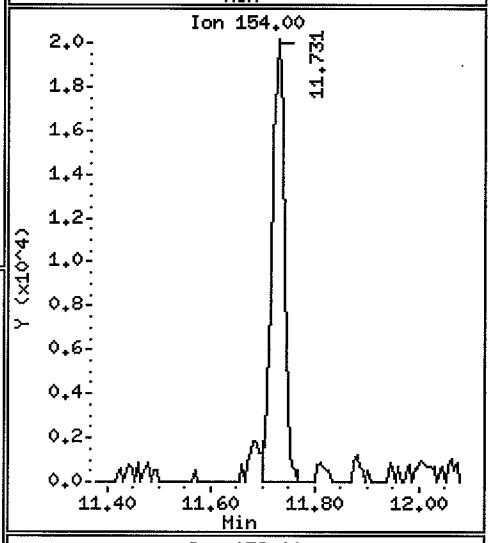
44 Acenaphthene

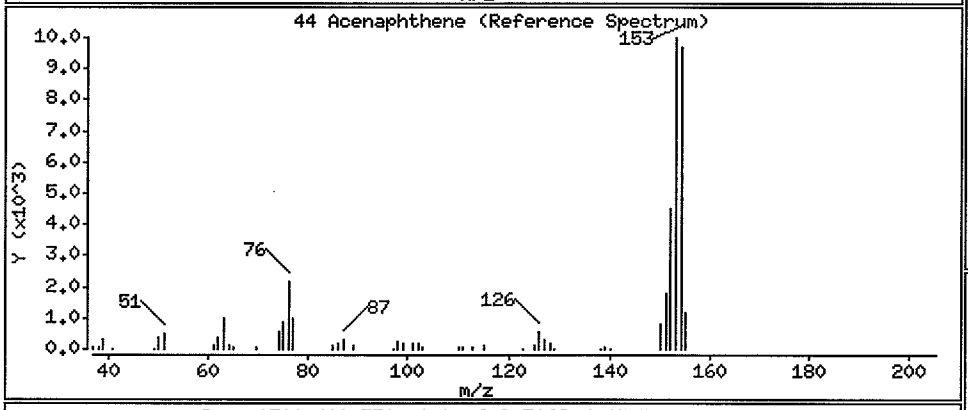
Concentration: 33.08 ug/Kg

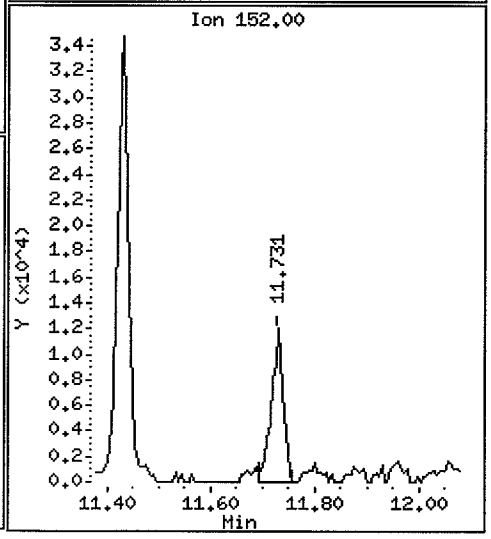


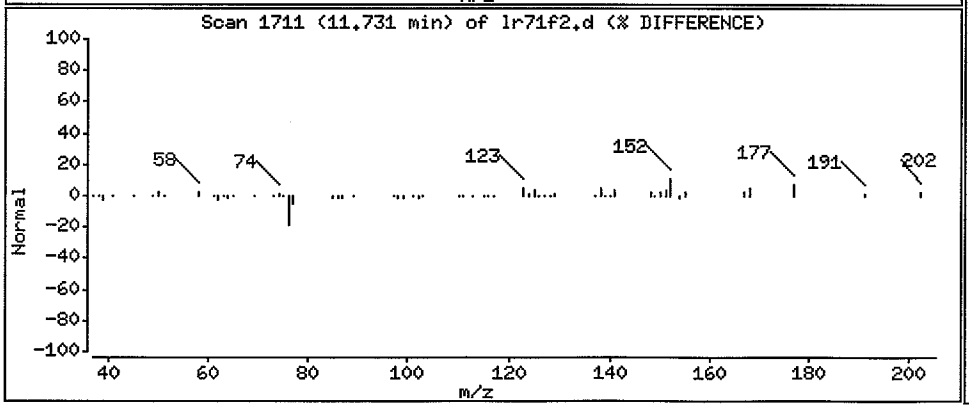












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

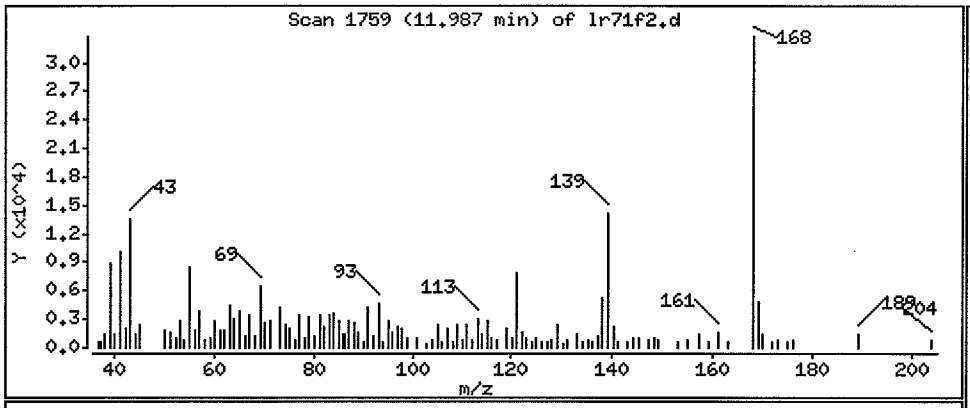
Operator: VTS

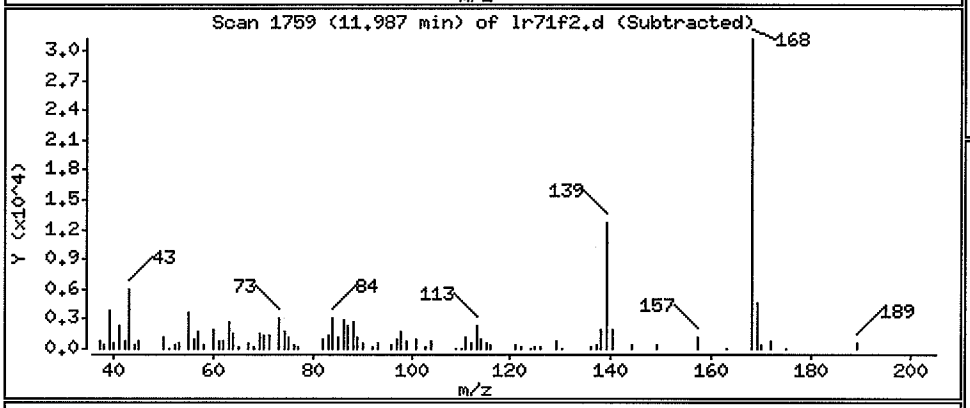
Column phase: ZB-5

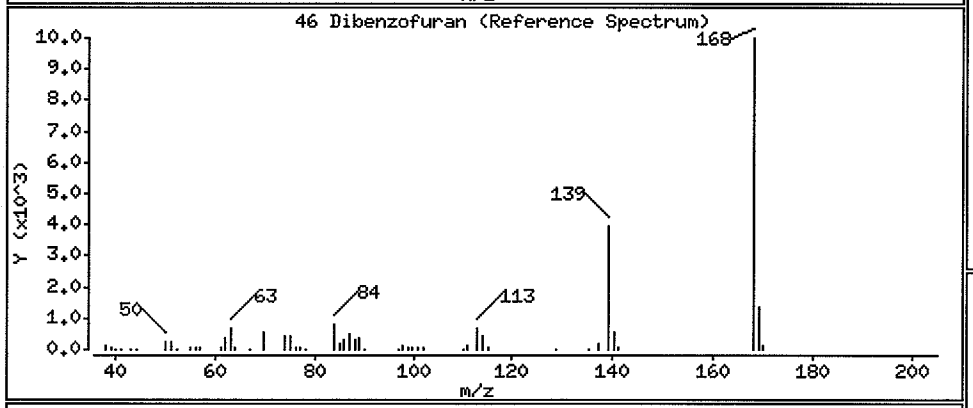
Column diameter: 0.32

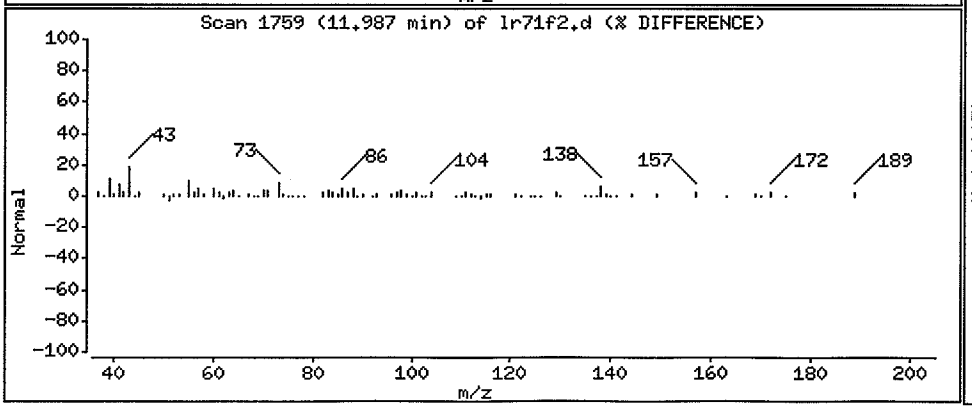
46 Dibenzofuran

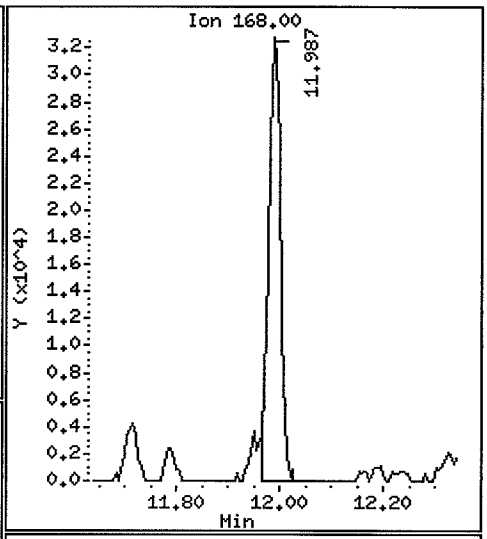
Concentration: 37.86 ug/Kg

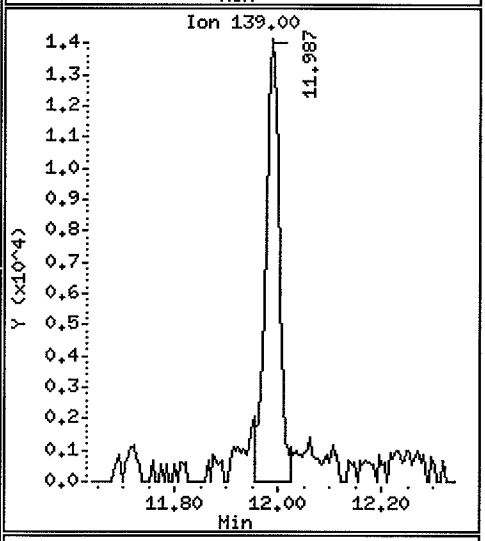


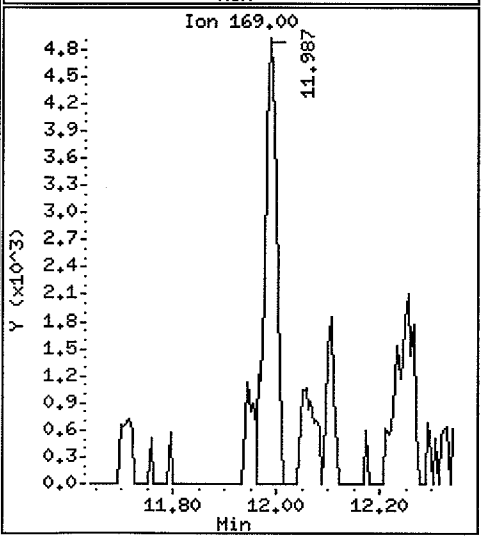












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

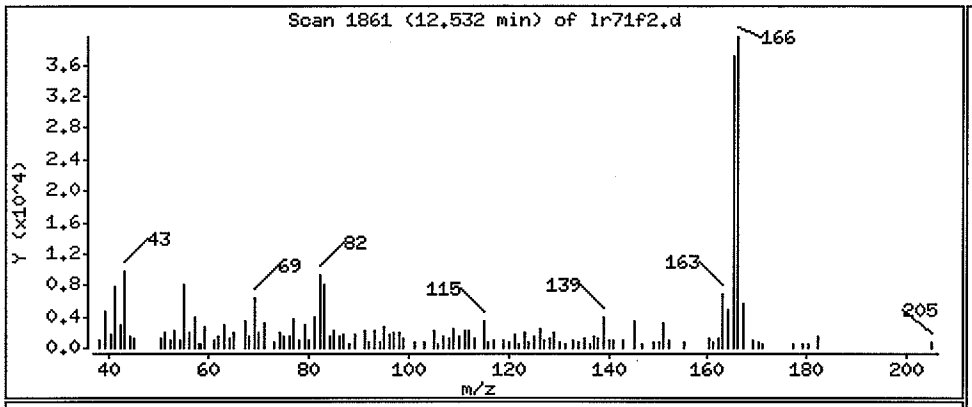
Operator: VTS

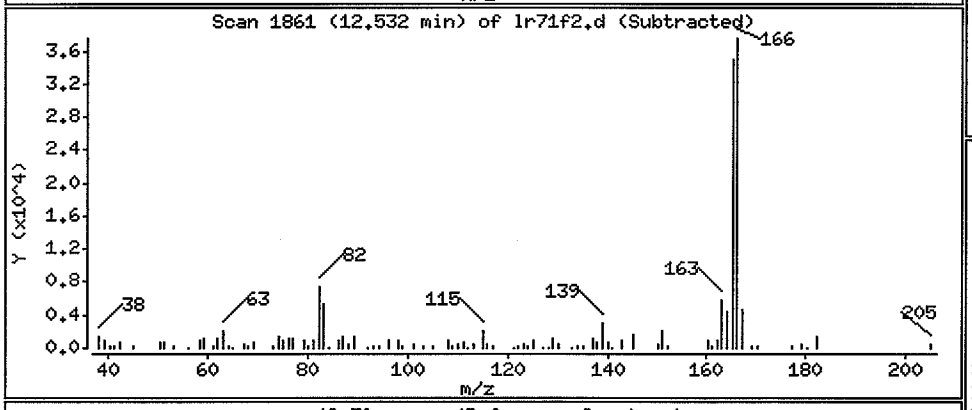
Column phase: ZB-5

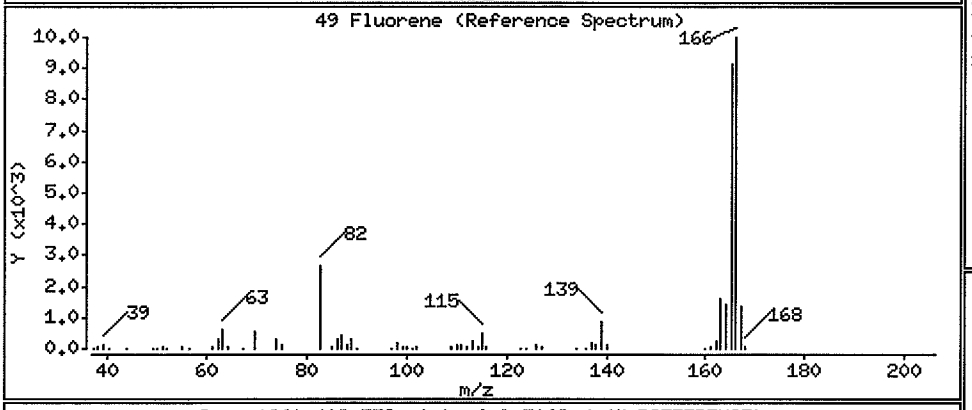
Column diameter: 0.32

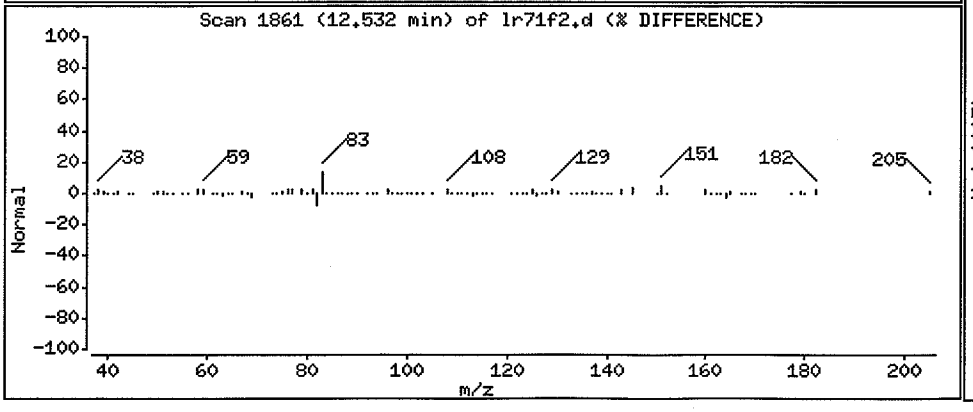
49 Fluorene

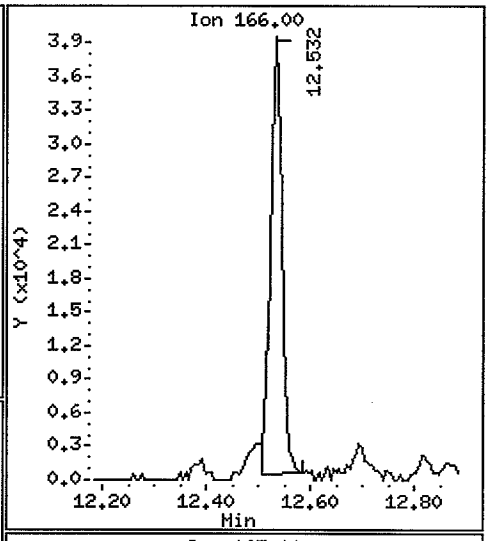
Concentration: 50.90 ug/Kg

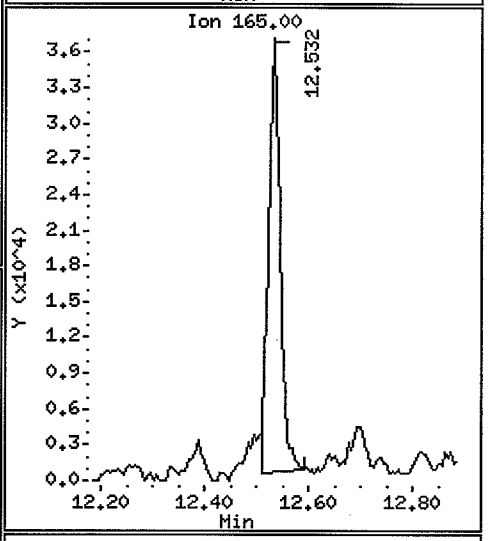


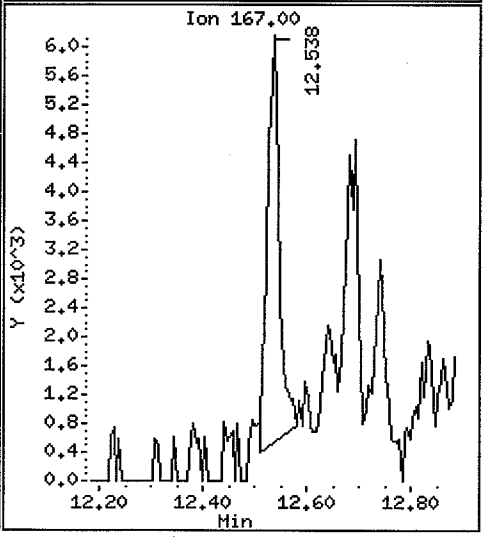












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

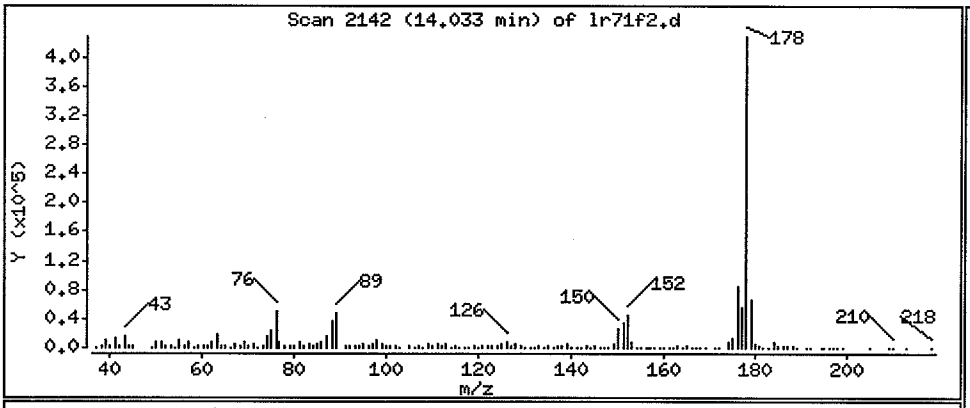
Operator: VTS

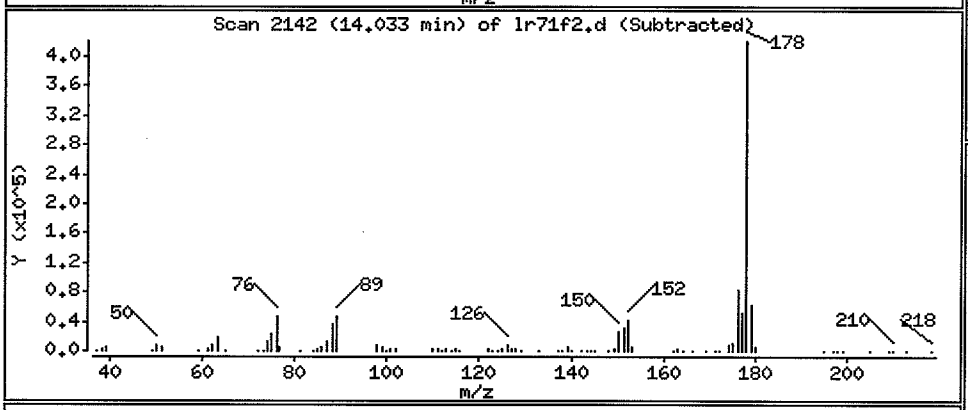
Column phase: ZB-5

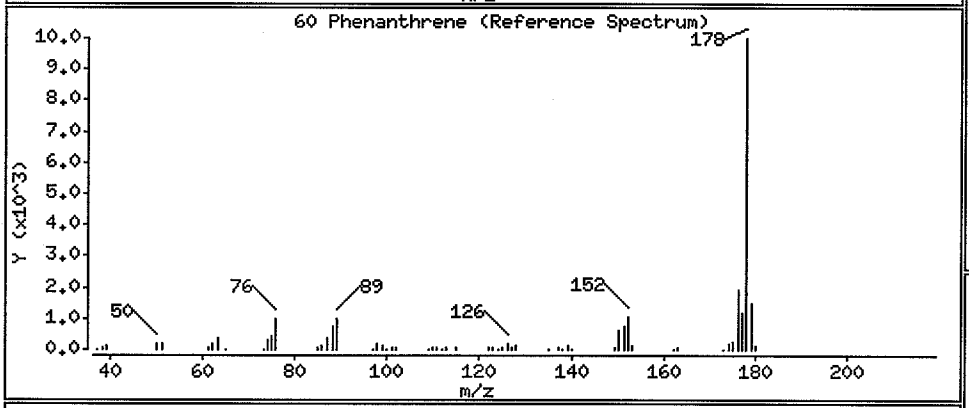
Column diameter: 0.32

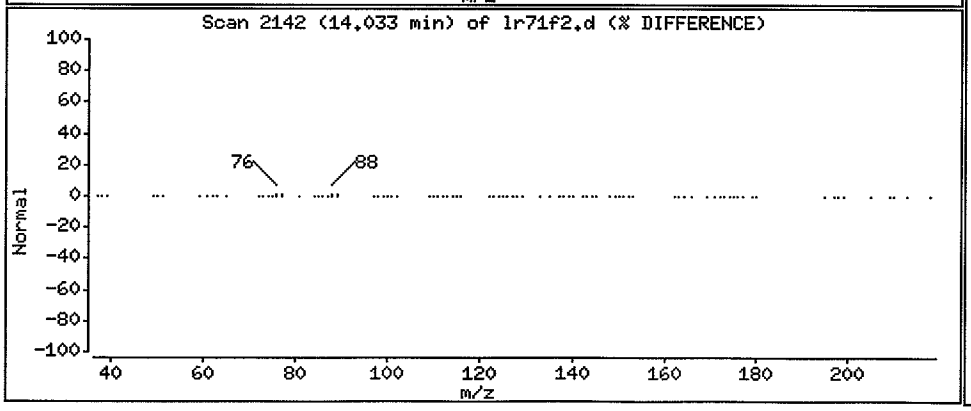
60 Phenanthrene

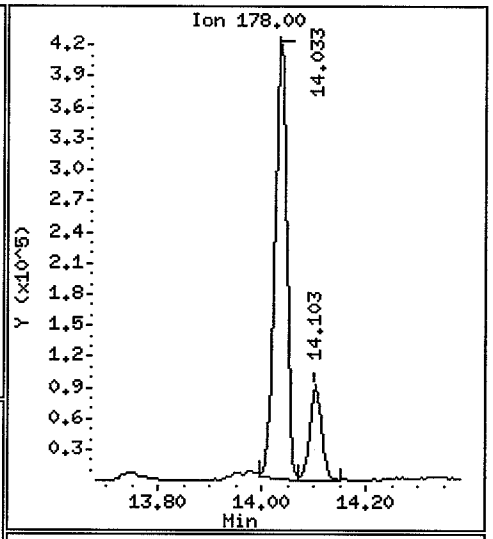
Concentration: 423.7 ug/Kg

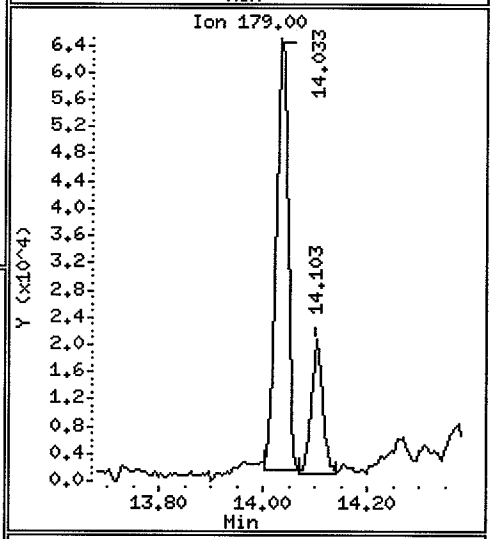


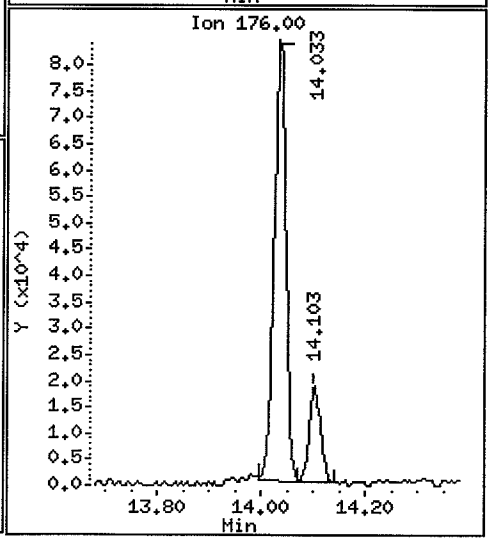












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

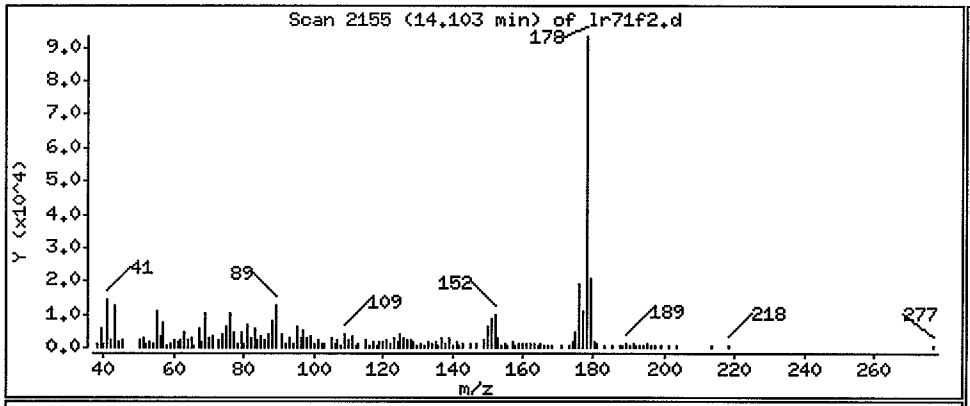
Operator: VTS

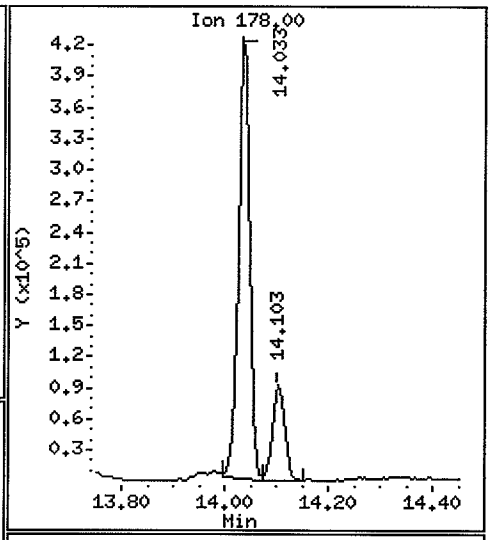
Column phase: ZB-5

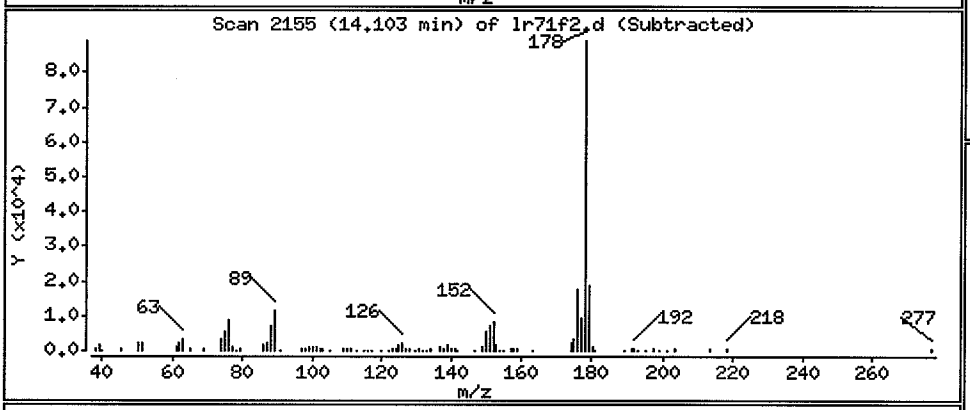
Column diameter: 0.32

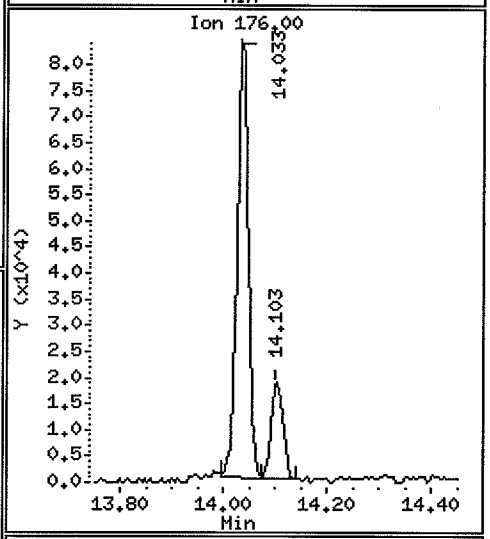
61 Anthracene

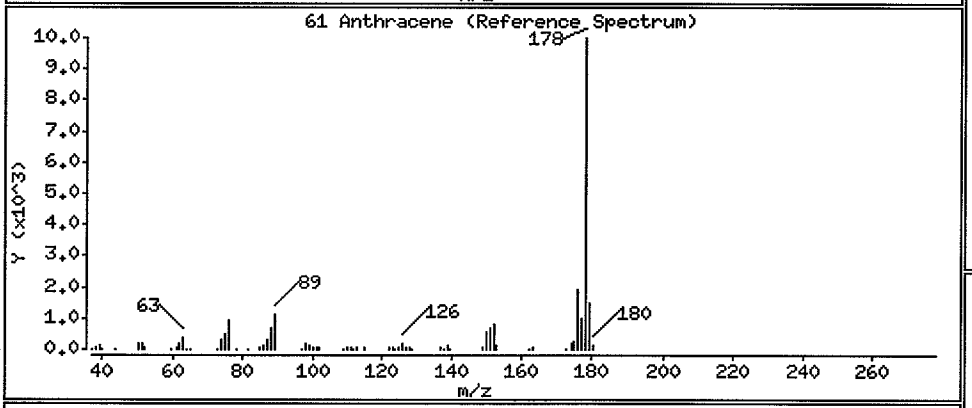
Concentration: 93.20 ug/Kg

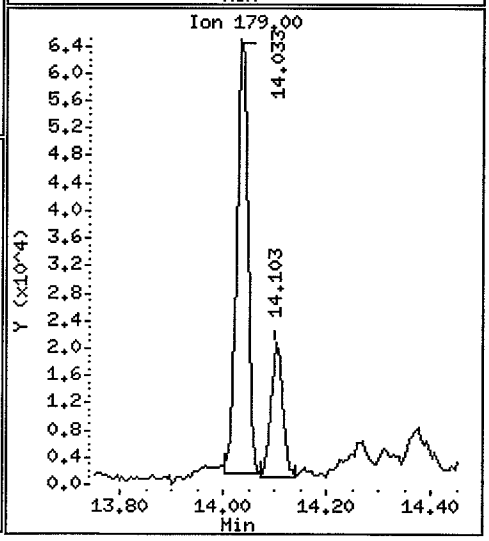


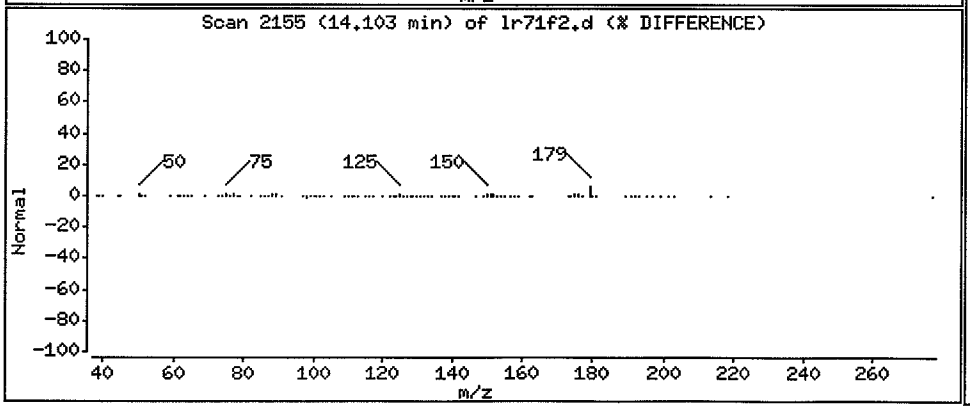












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

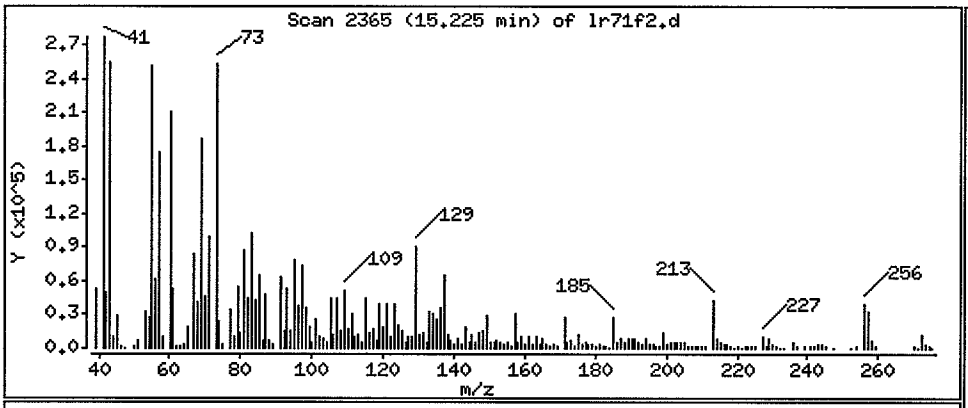
Operator: VTS

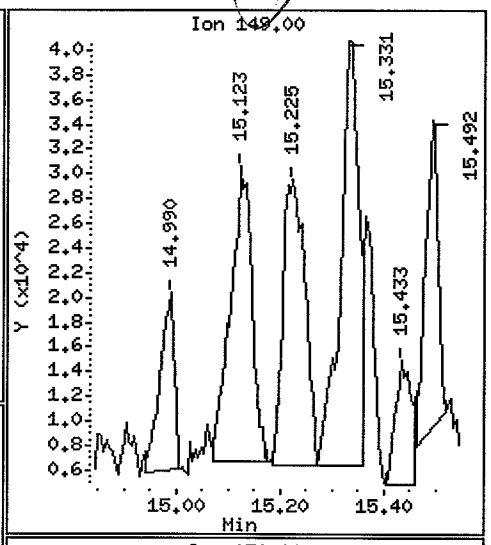
Column phase: ZB-5

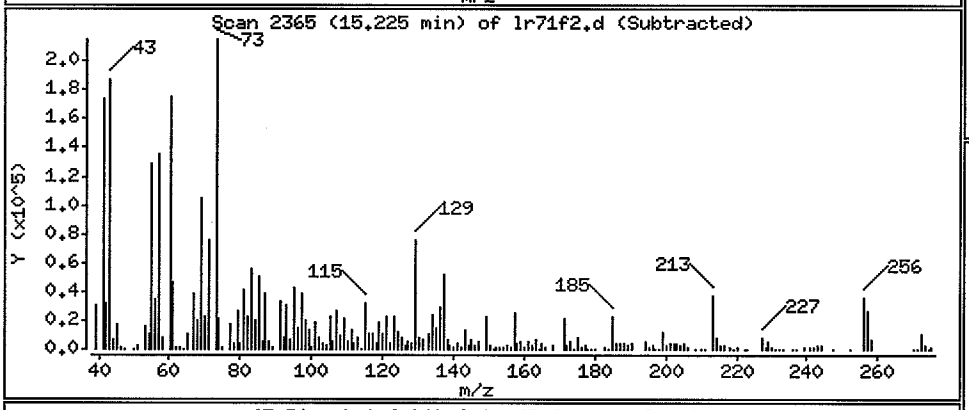
Column diameter: 0.32

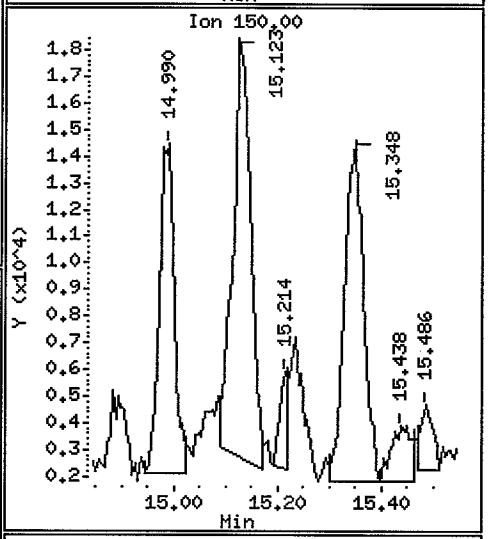
63 Di-n-butylphthalate

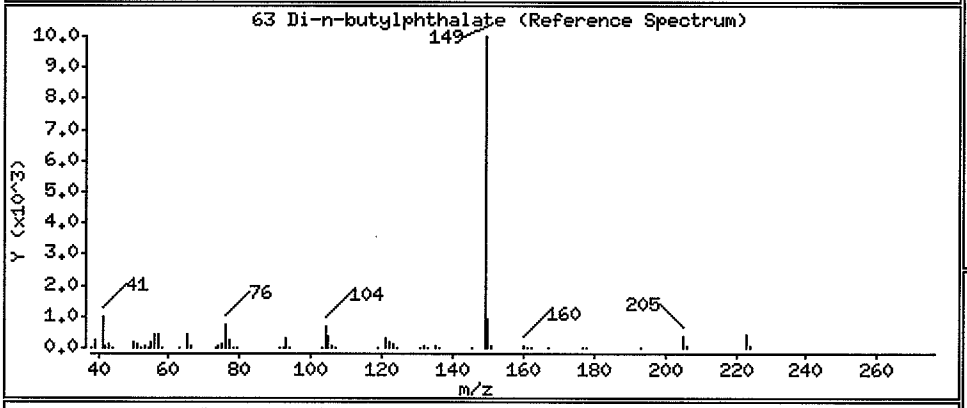
Concentration: 42.66 ug/Kg

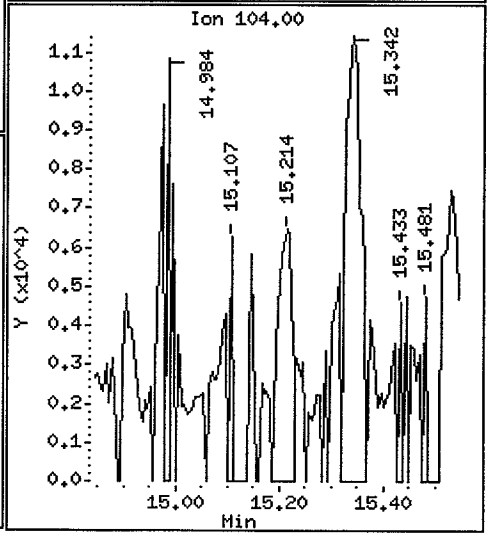


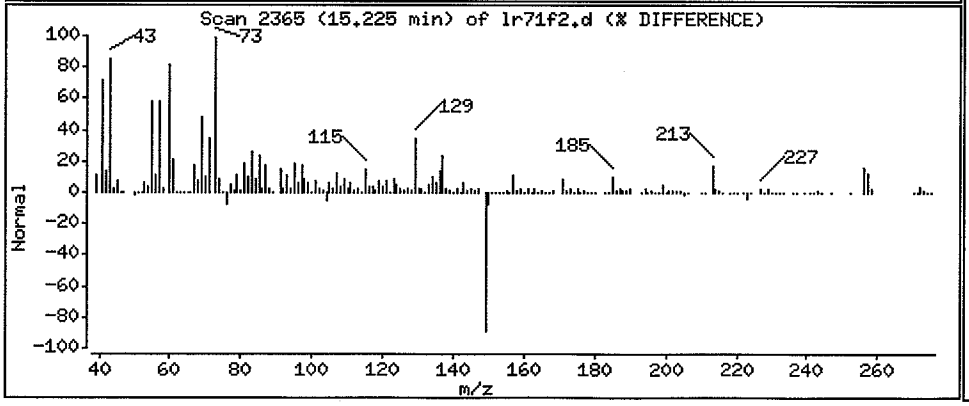












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

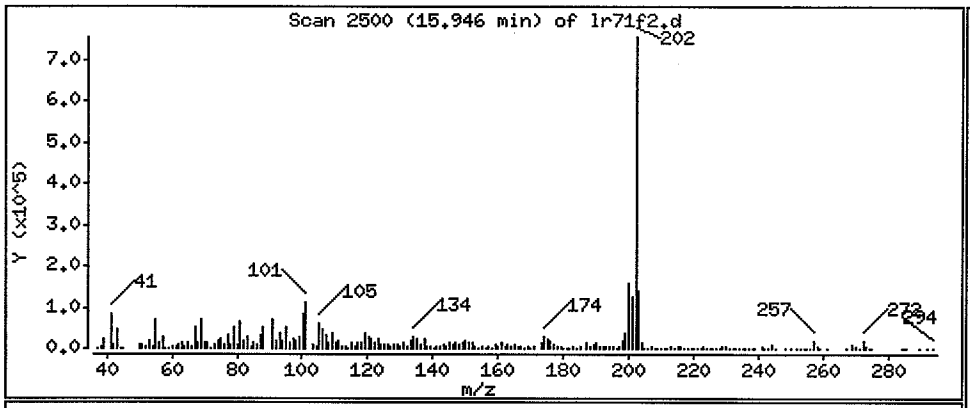
Operator: VTS

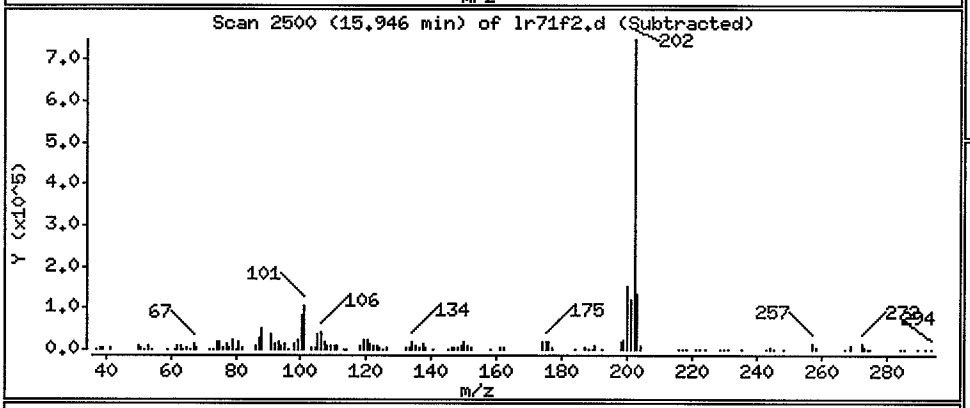
Column phase: ZB-5

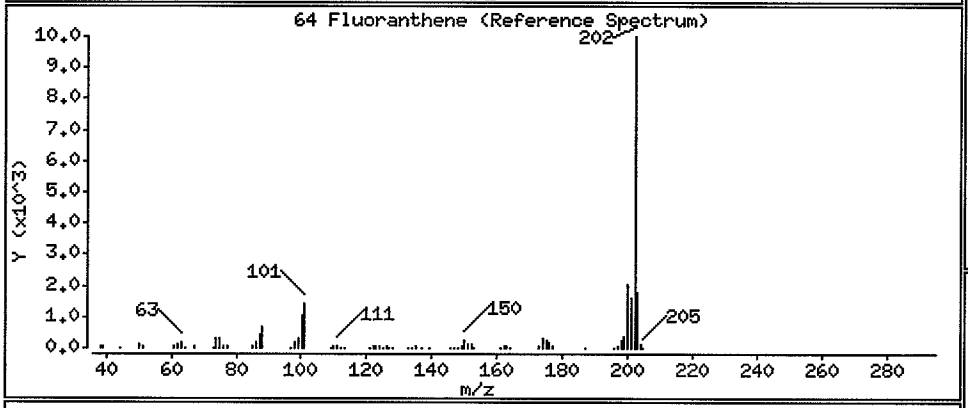
Column diameter: 0.32

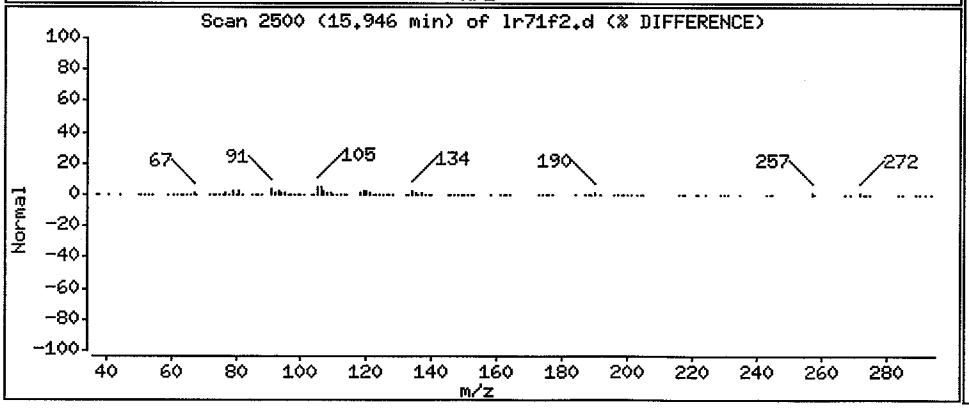
64 Fluoranthene

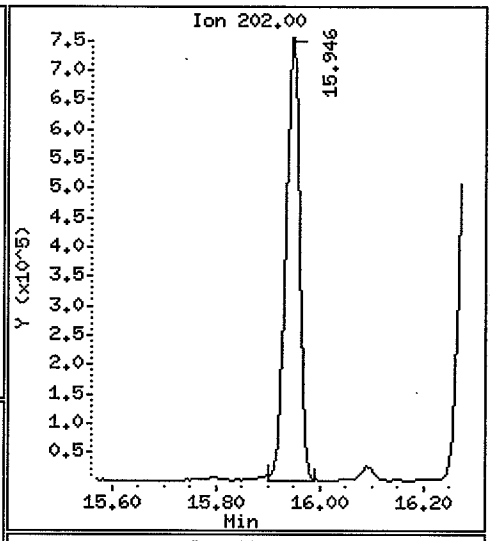
Concentration: 849.8 ug/Kg

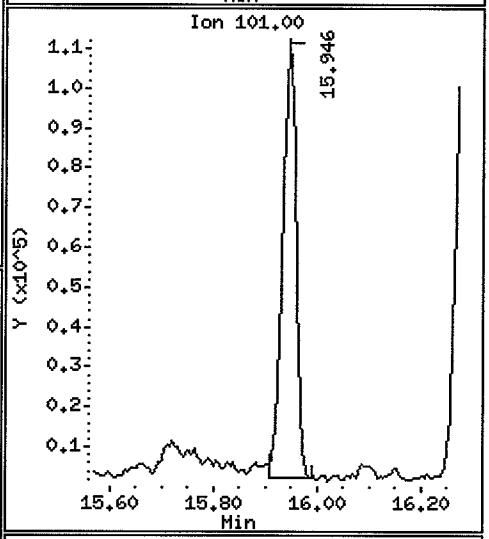


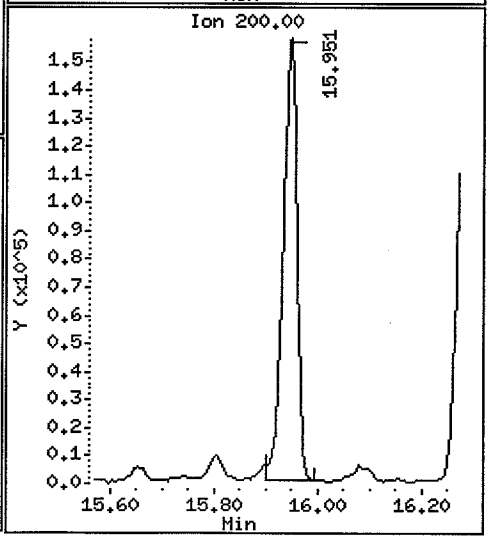












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

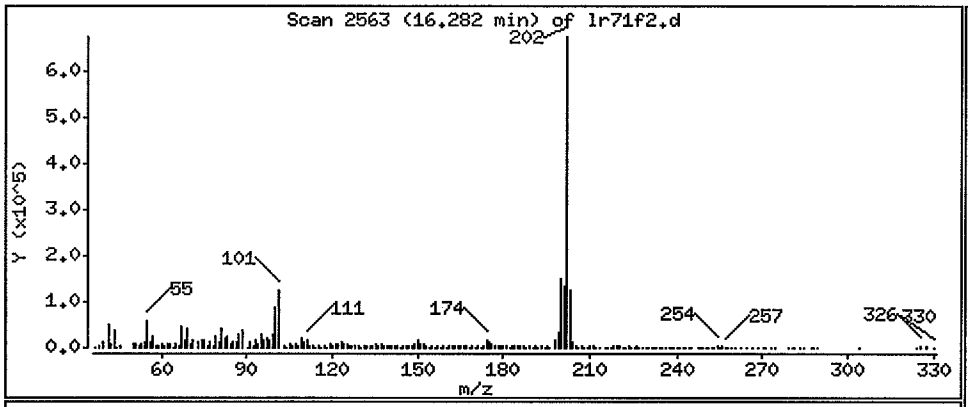
Operator: VTS

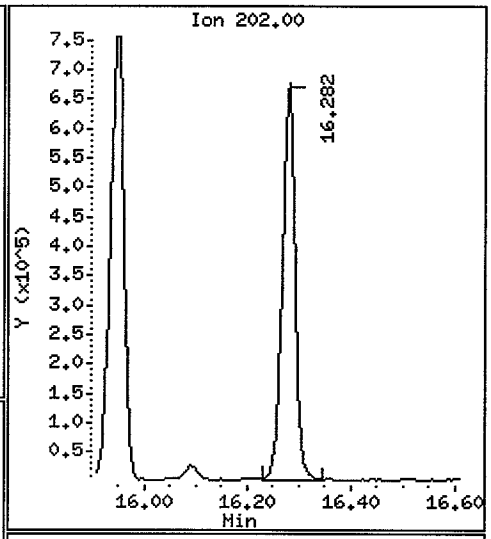
Column phase: ZB-5

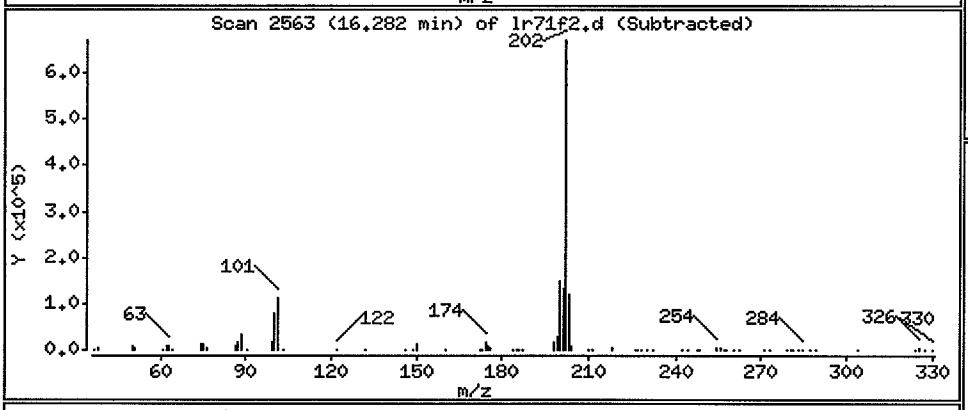
Column diameter: 0.32

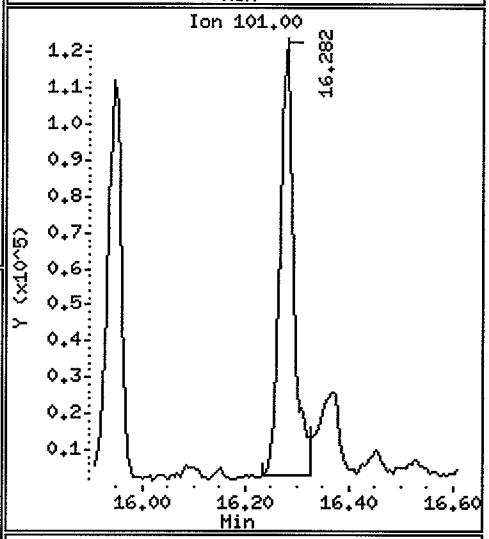
65 Pyrene

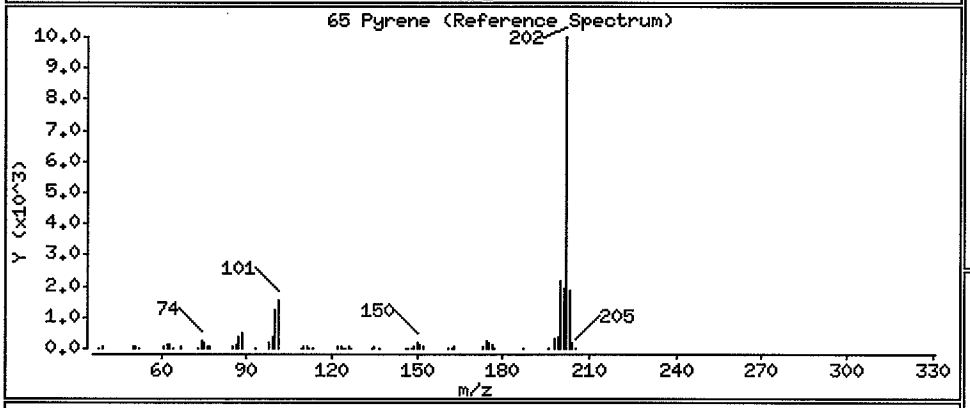
Concentration: 562.7 ug/Kg

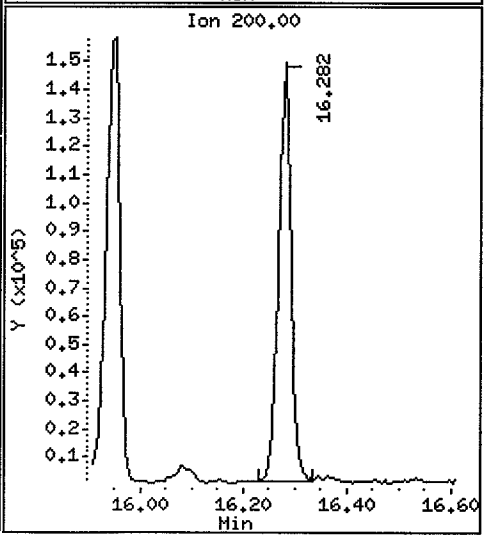


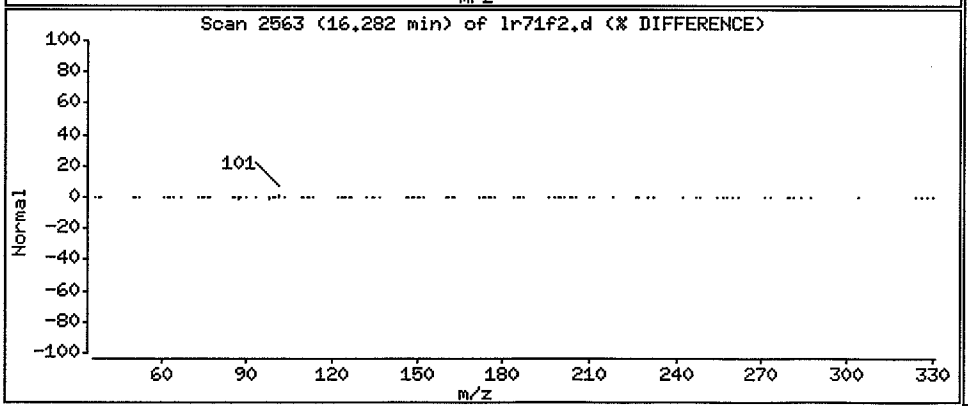












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

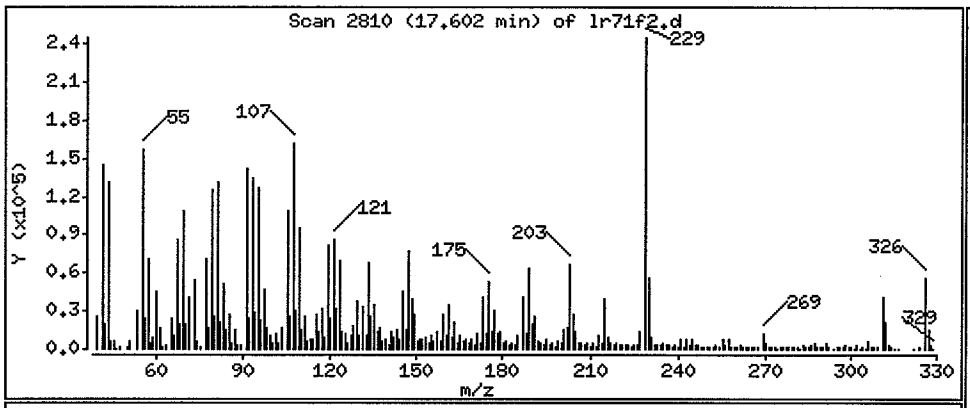
Operator: VTS

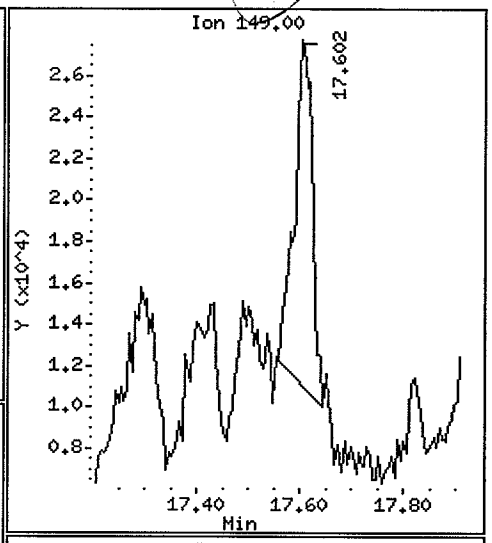
Column phase: ZB-5

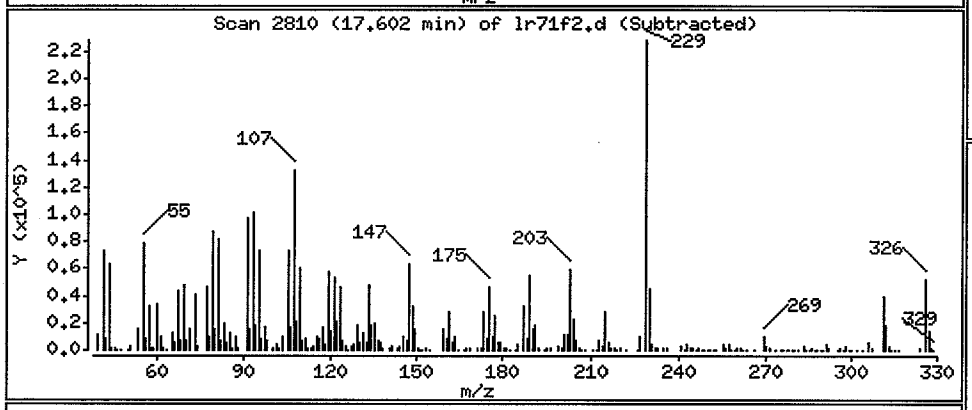
Column diameter: 0.32

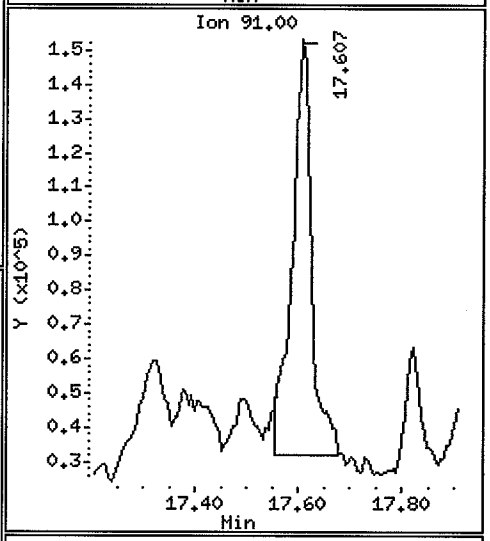
67 Butylbenzylphthalate

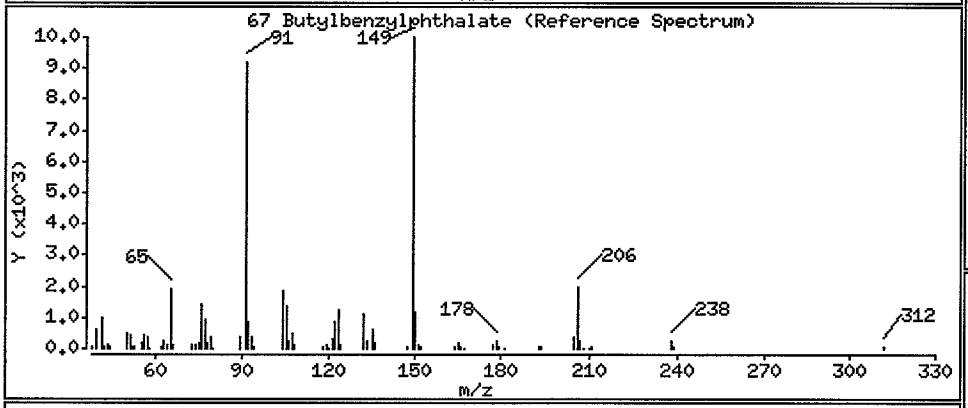
Concentration: 45.30 ug/Kg

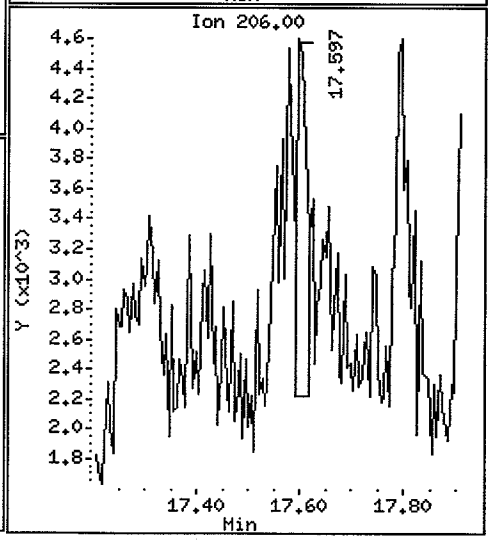


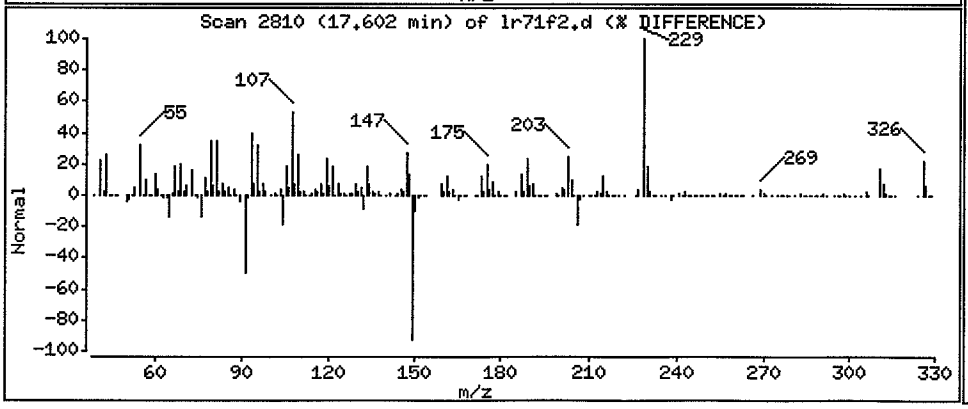












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

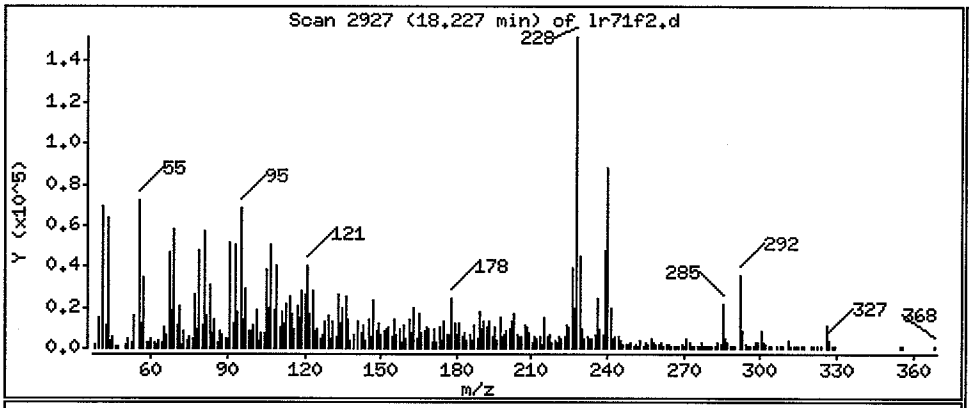
Operator: VTS

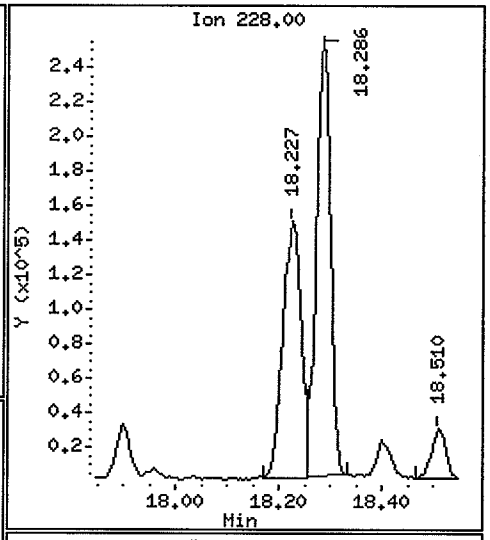
Column phase: ZB-5

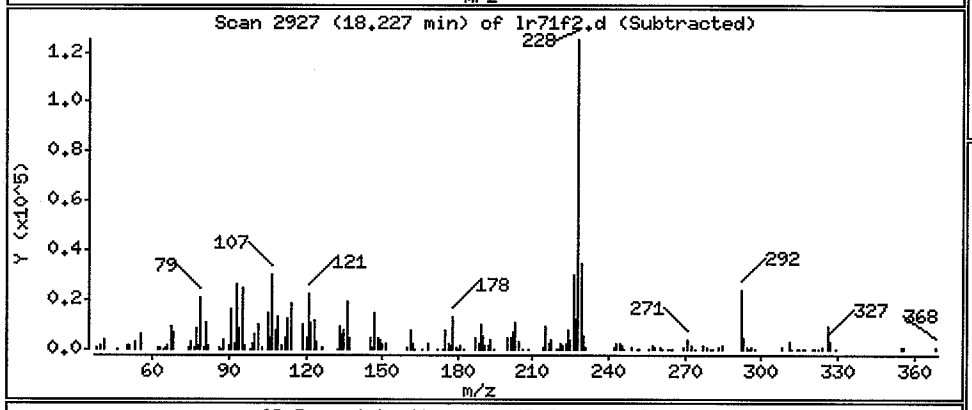
Column diameter: 0.32

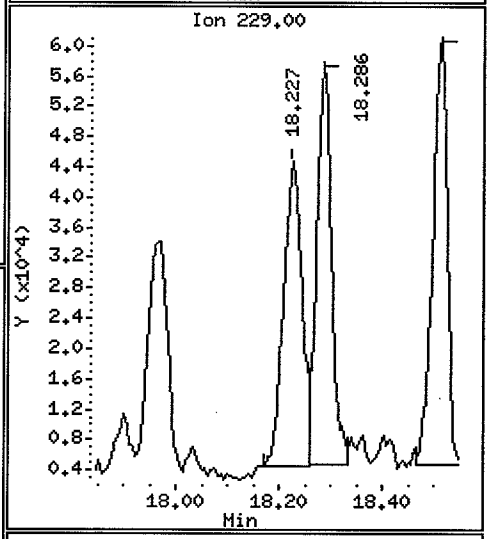
68 Benzo(a)anthracene

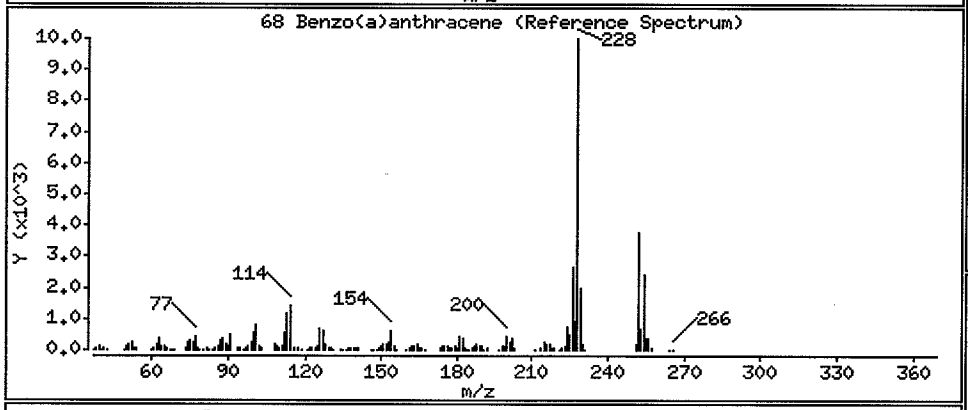
Concentration: 191.3 ug/Kg

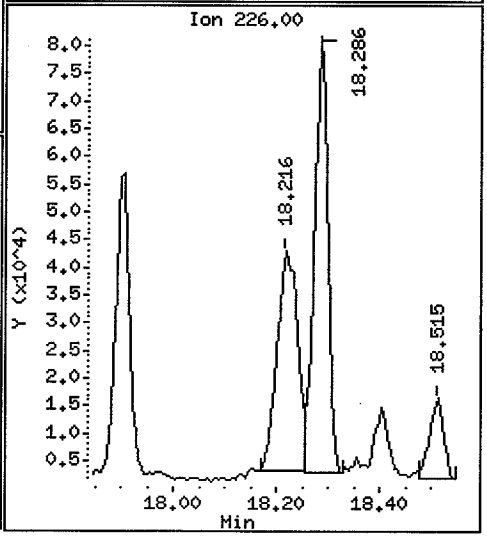


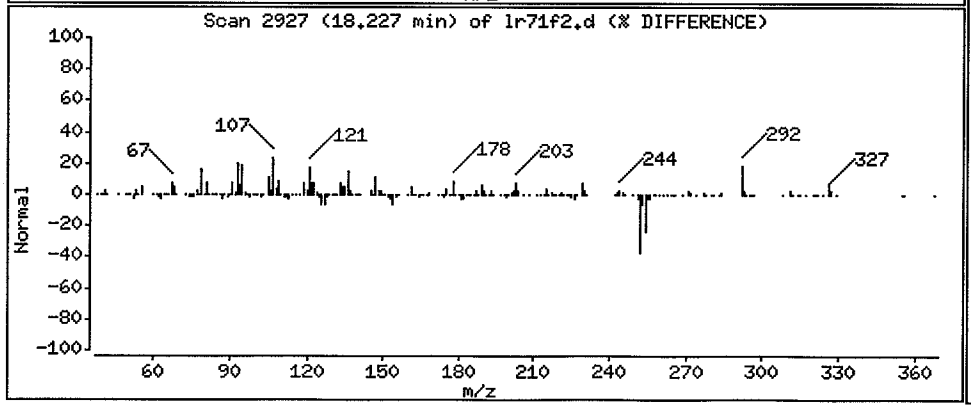












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

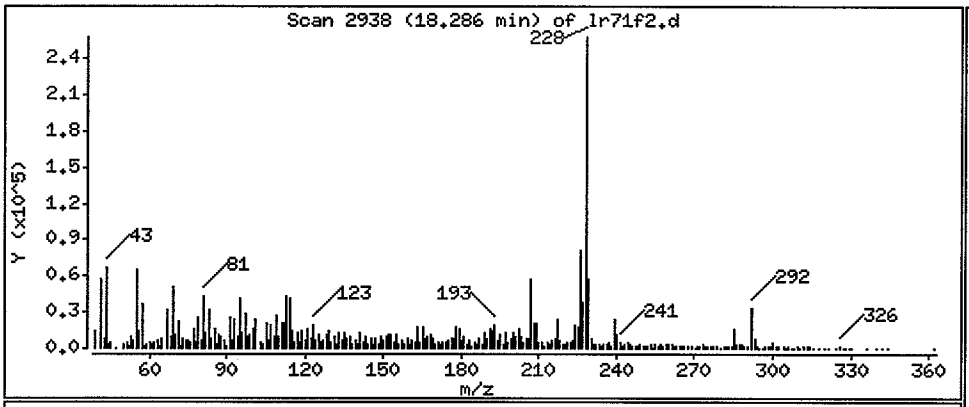
Operator: VTS

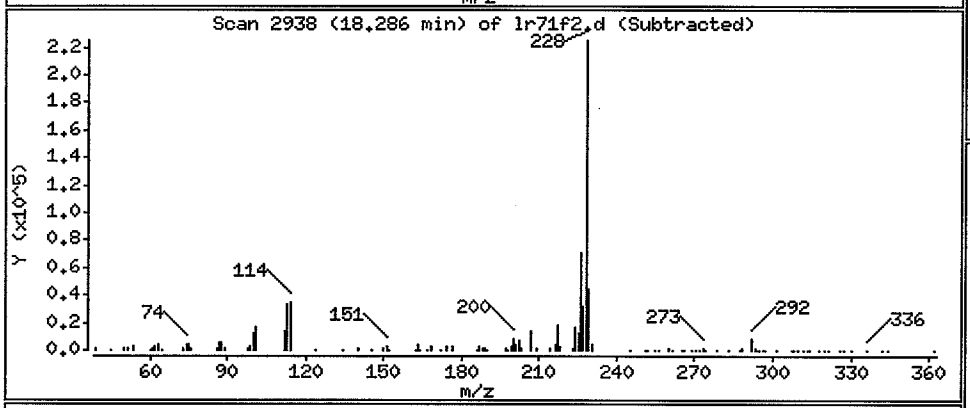
Column phase: ZB-5

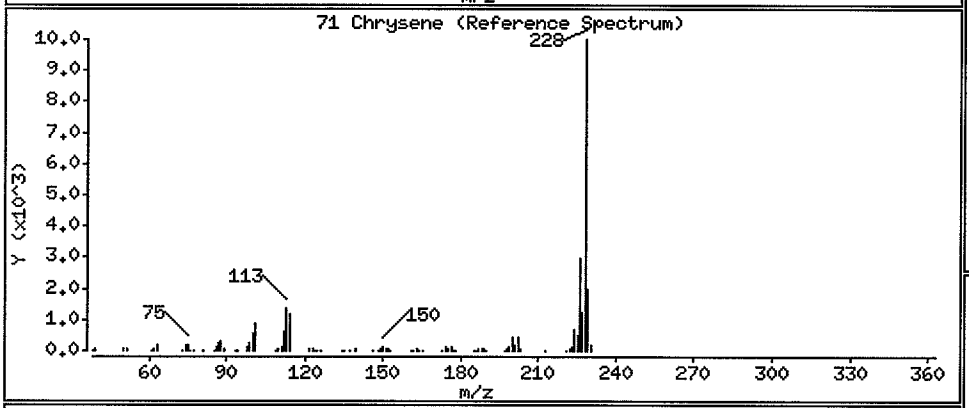
Column diameter: 0.32

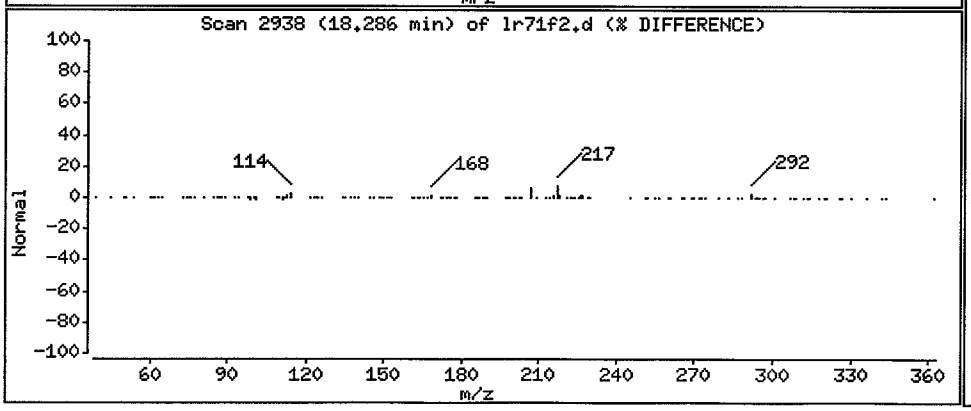
71 Chrysene

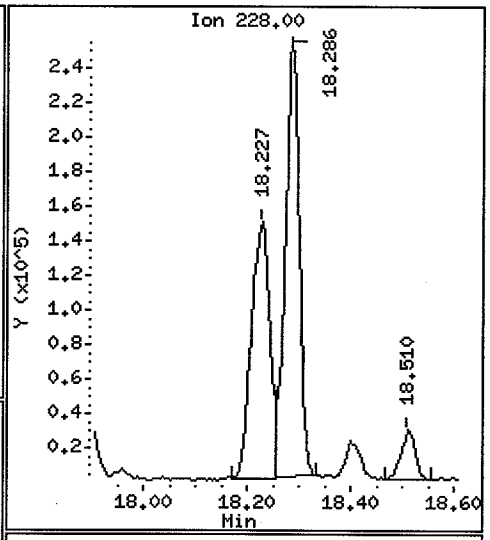
Concentration: 255.8 ug/Kg

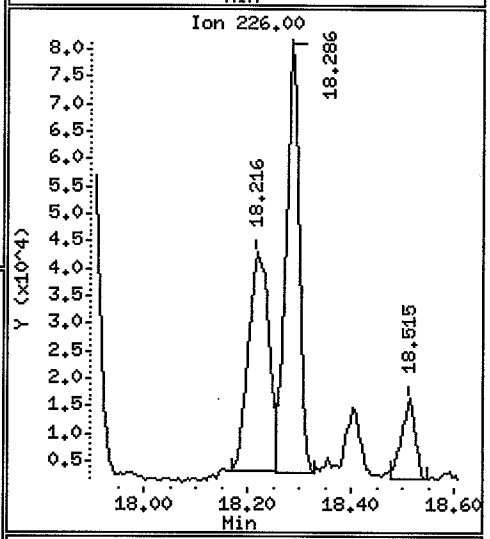


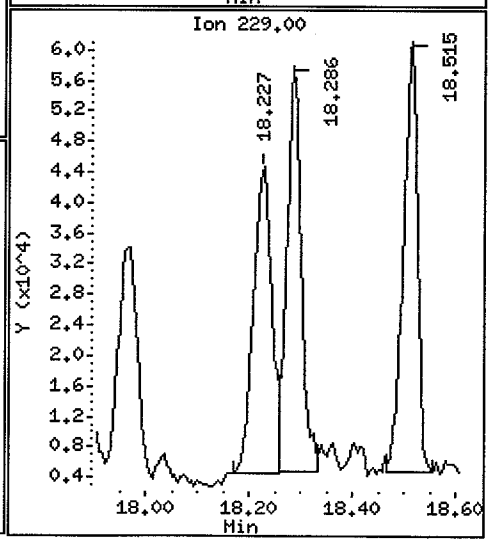












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

Operator: VTS

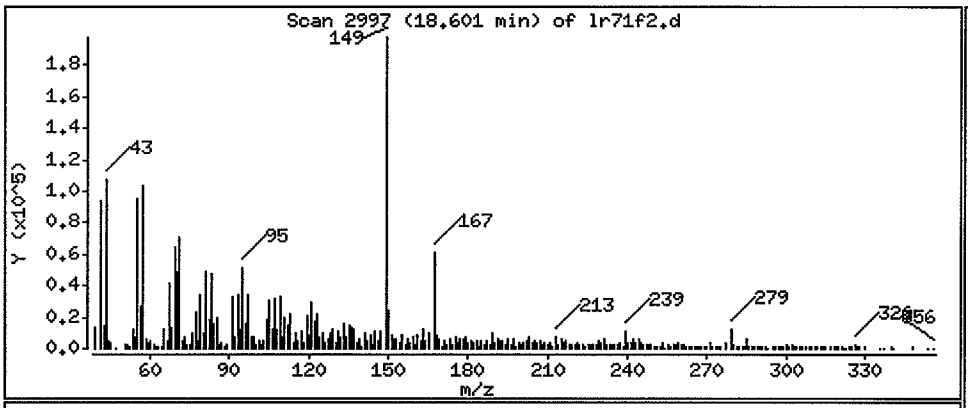
Column phase: ZB-5

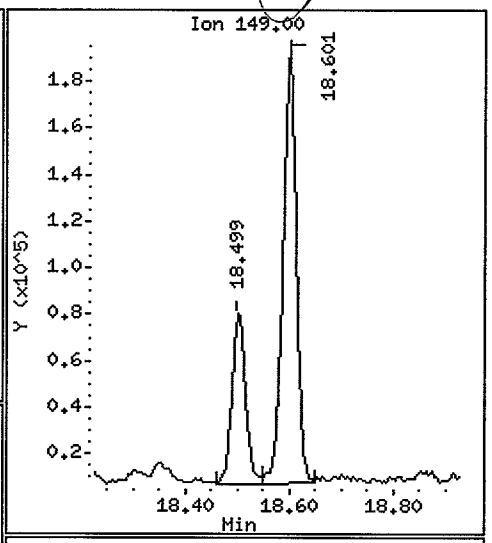
Column diameter: 0.32

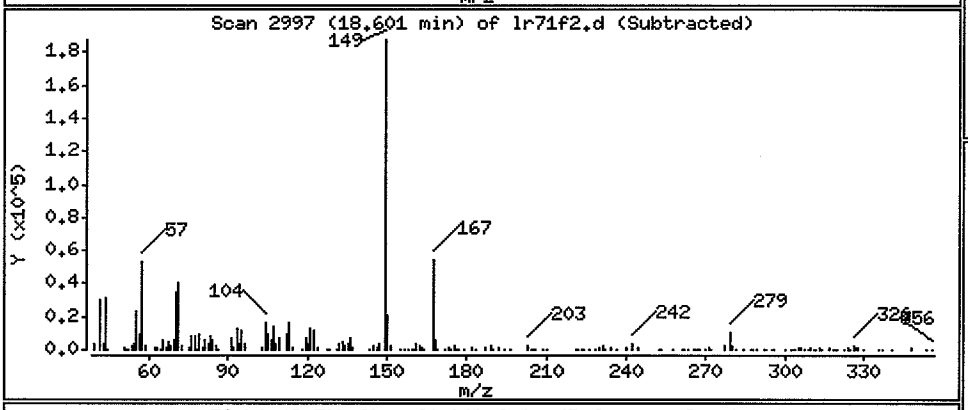
72 bis(2-Ethylhexyl)phthalate

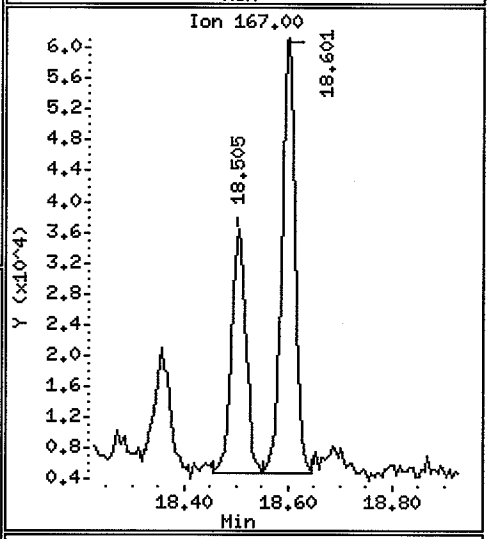
Concentration: 280.6 ug/Kg

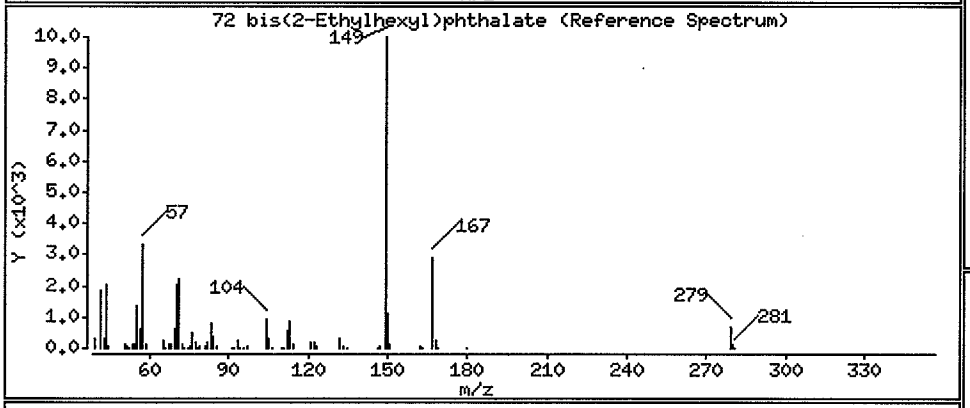
(B)

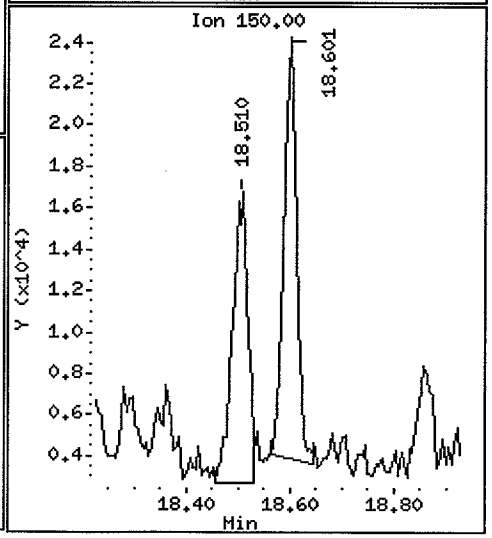


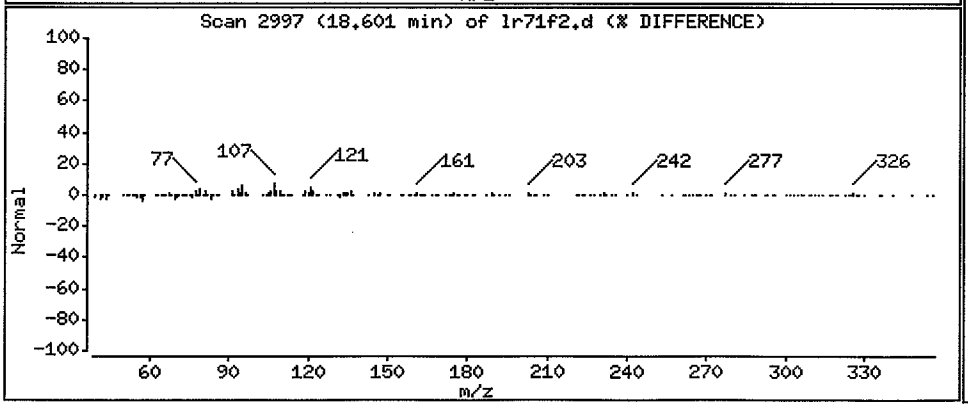












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

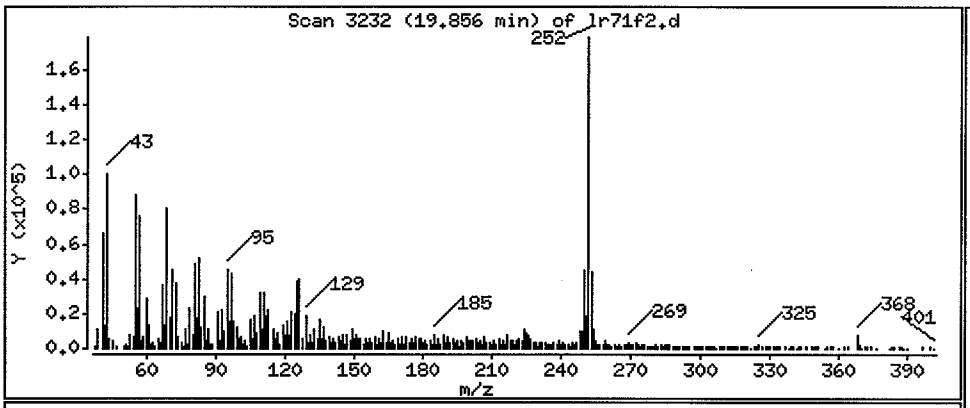
Operator: VTS

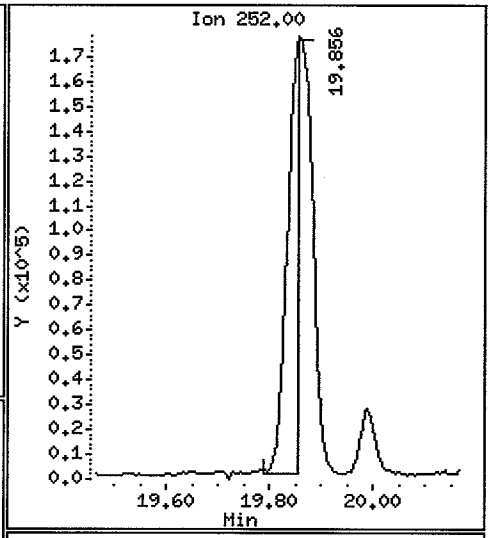
Column phase: ZB-5

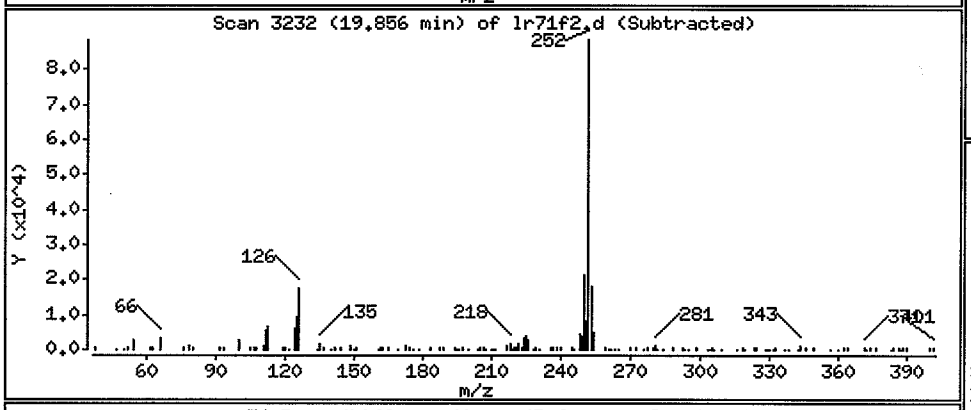
Column diameter: 0.32

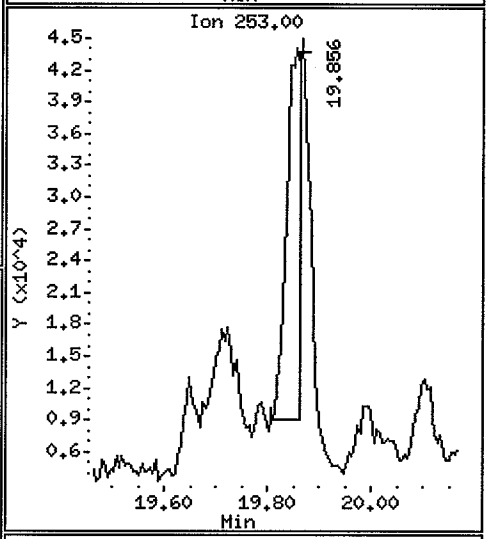
74 Benzo(b)fluoranthene

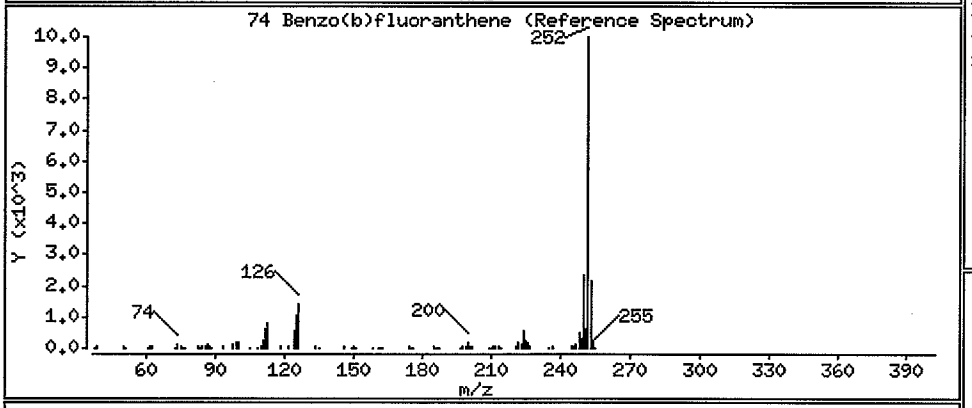
Concentration: 164.0 ug/Kg

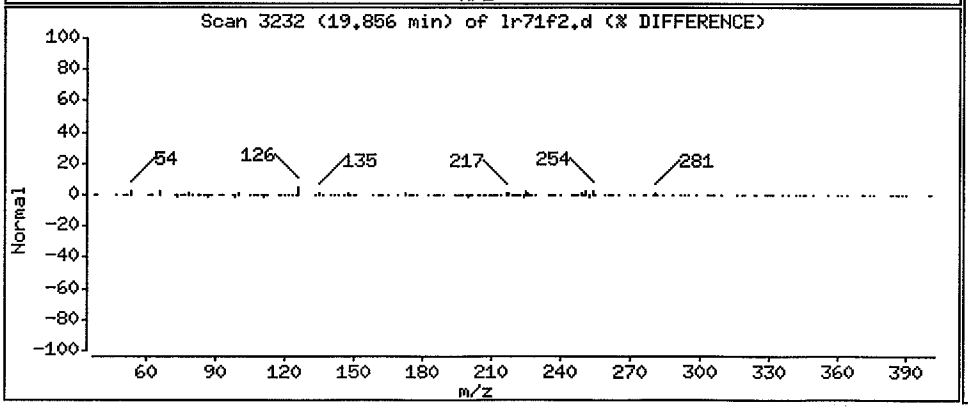


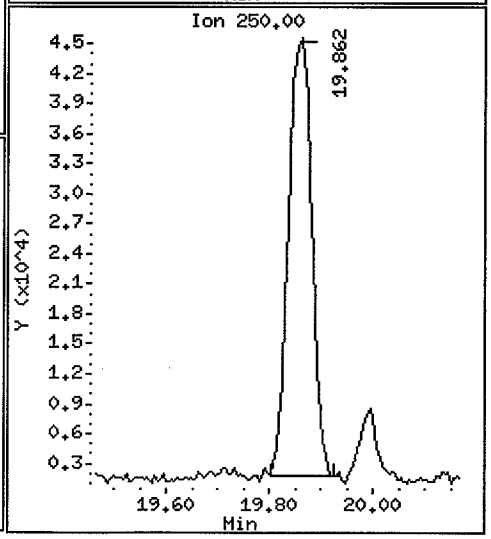












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

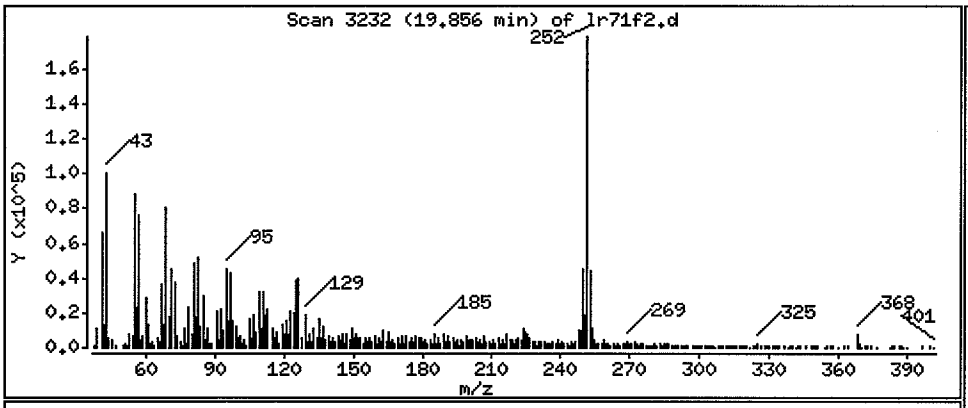
Operator: VTS

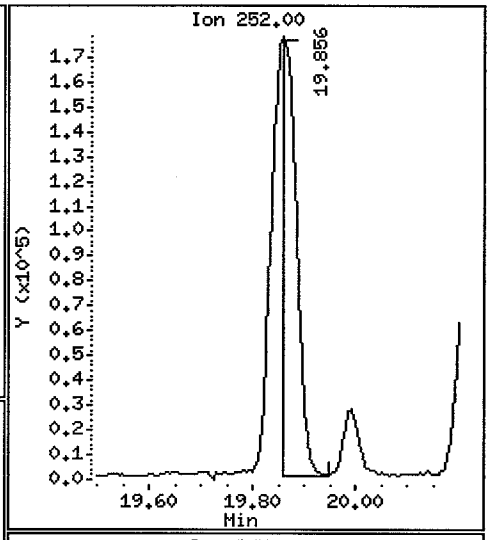
Column phase: ZB-5

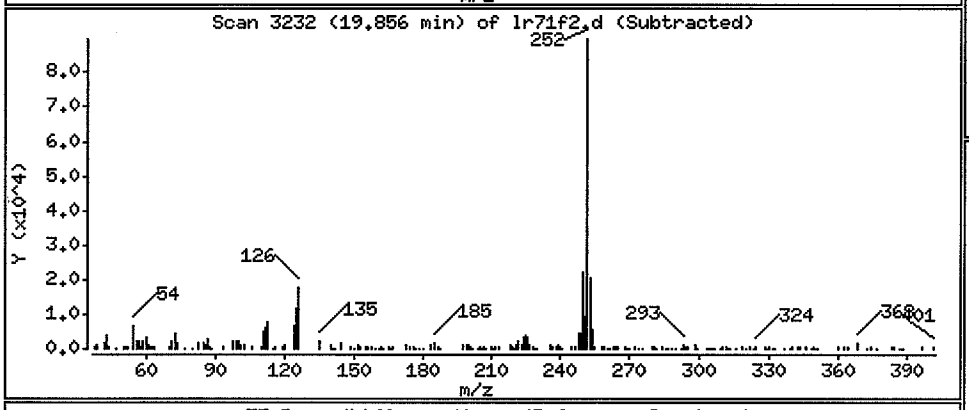
Column diameter: 0.32

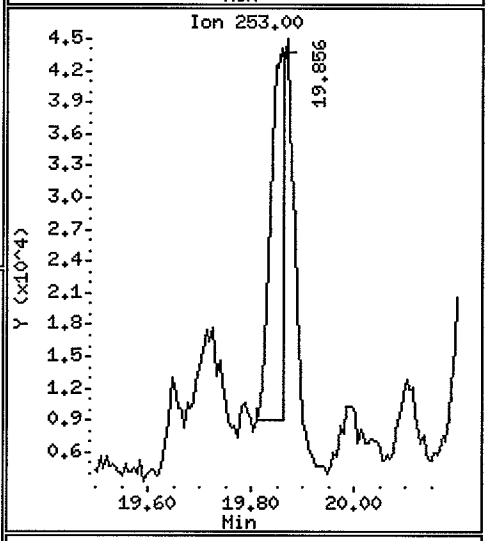
75 Benzo(k)fluoranthene

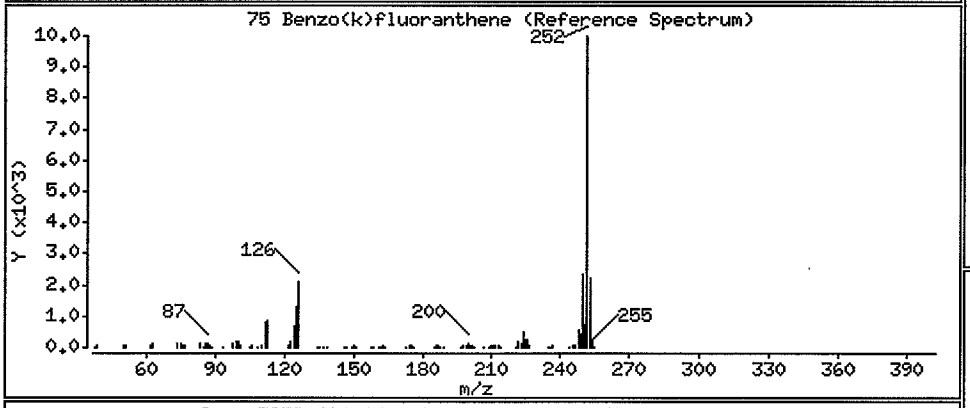
Concentration: 184.4 ug/Kg

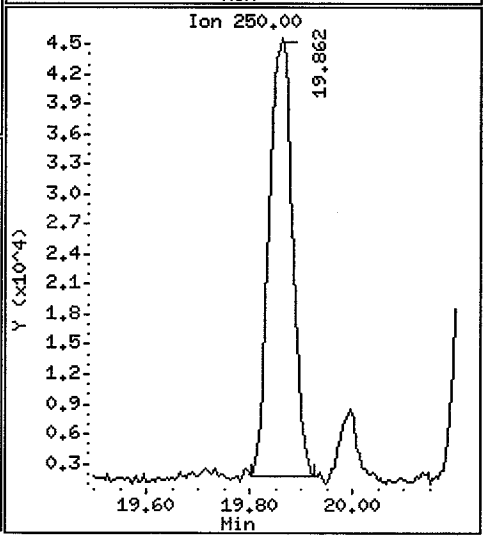


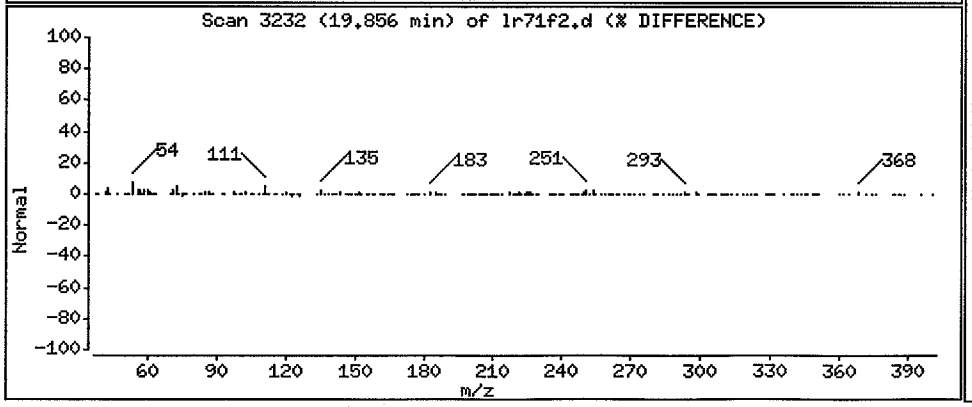












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

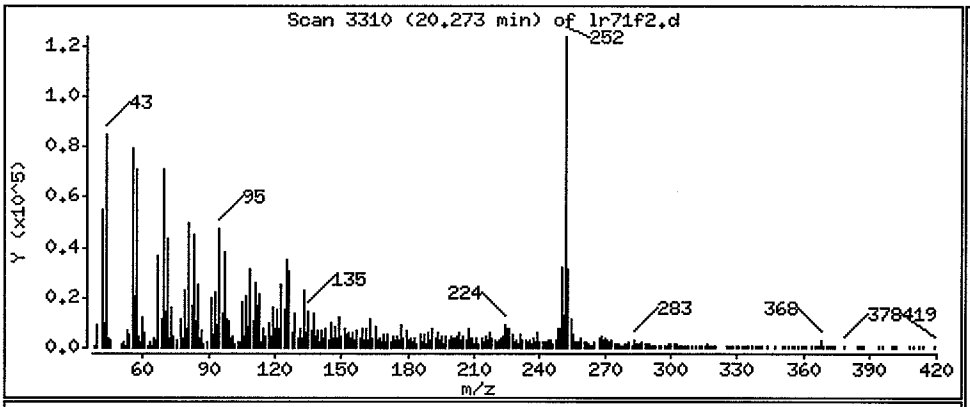
Operator: VTS

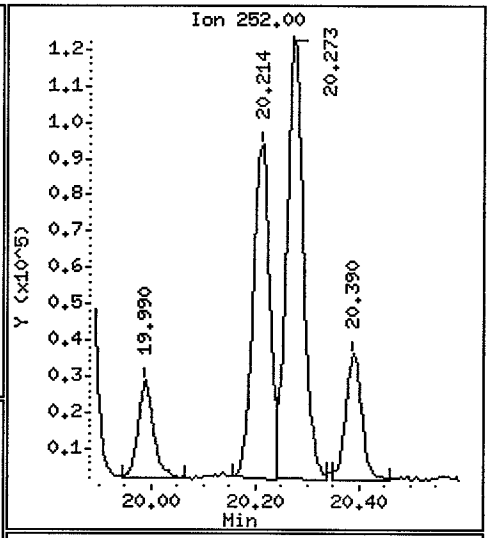
Column phase: ZB-5

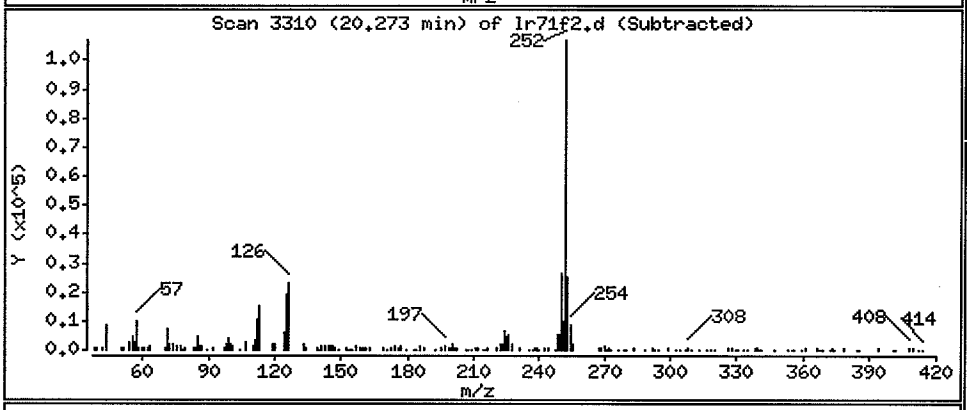
Column diameter: 0.32

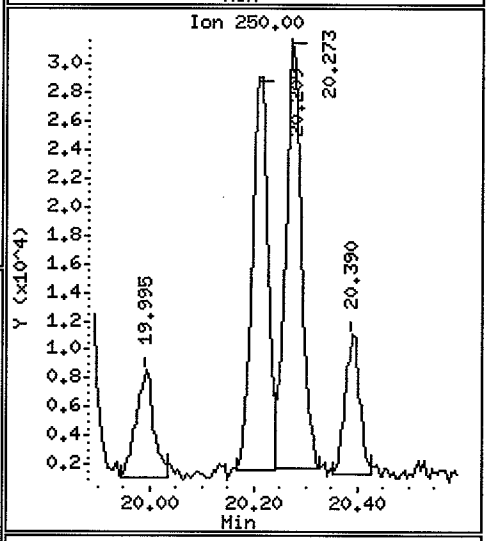
76 Benzo(a)pyrene

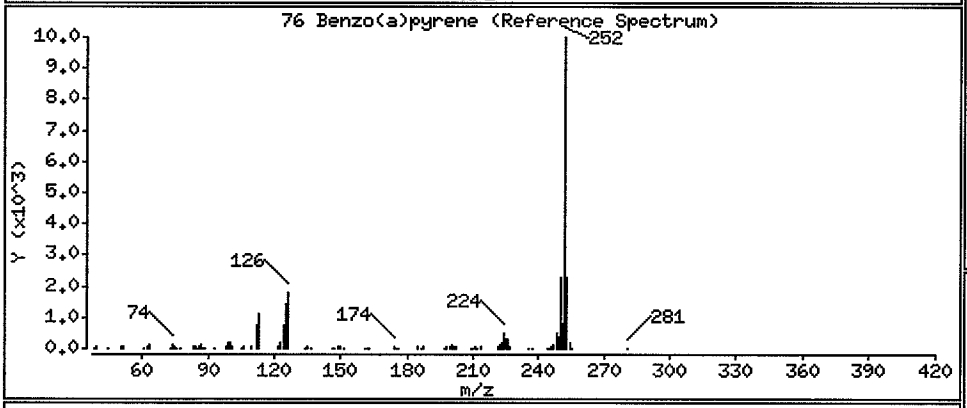
Concentration: 174.0 ug/Kg

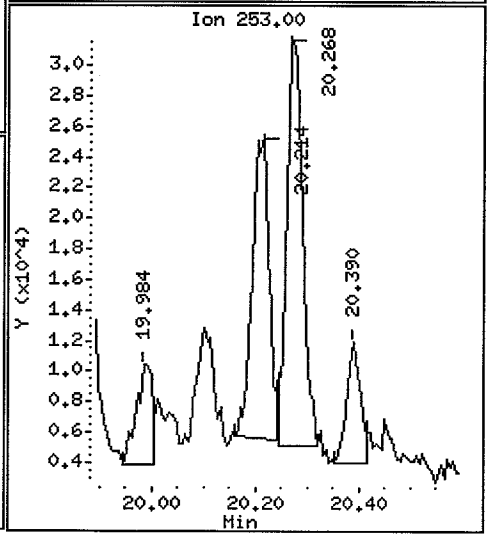


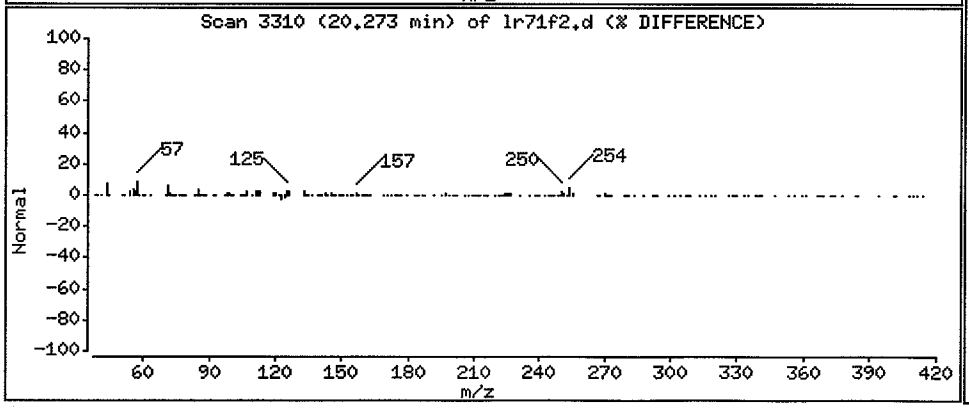












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

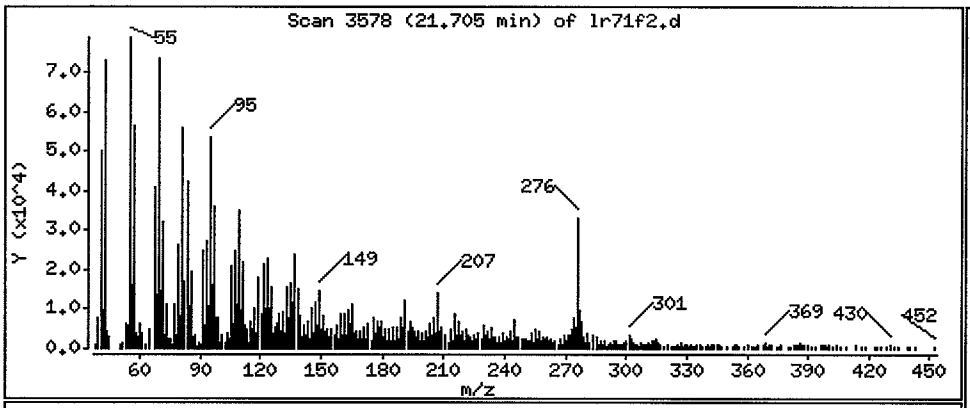
Operator: VTS

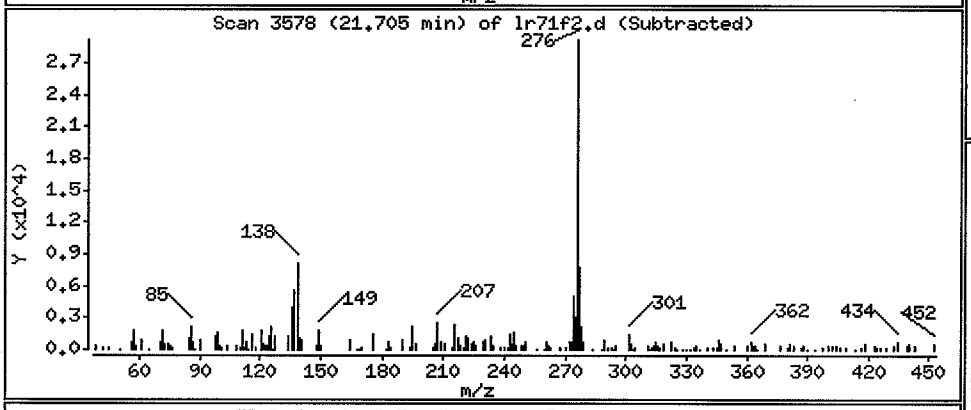
Column phase: ZB-5

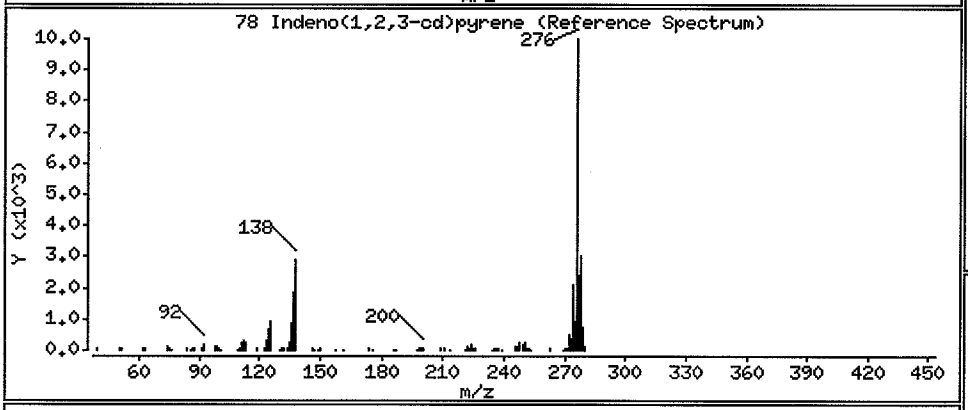
Column diameter: 0.32

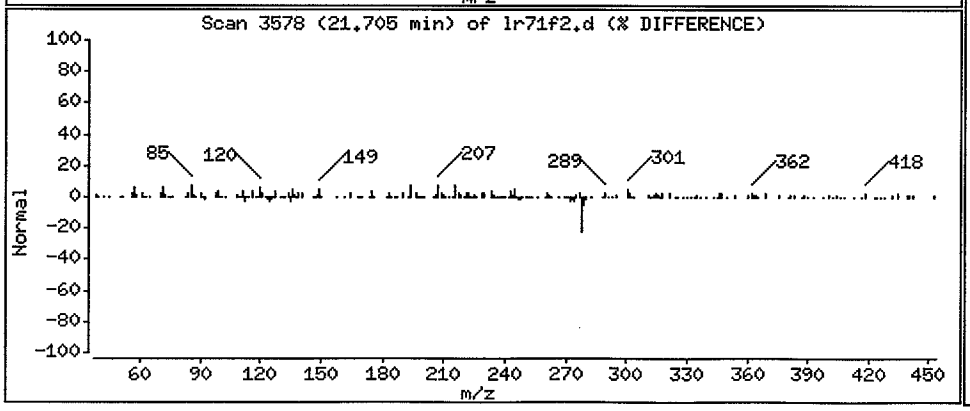
78 Indeno(1,2,3-cd)pyrene

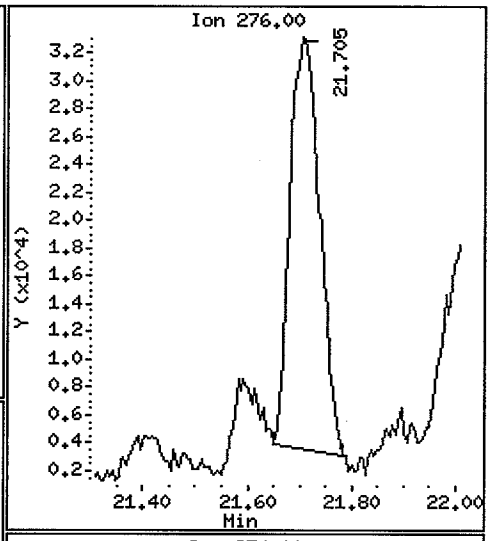
Concentration: 66.98 ug/Kg

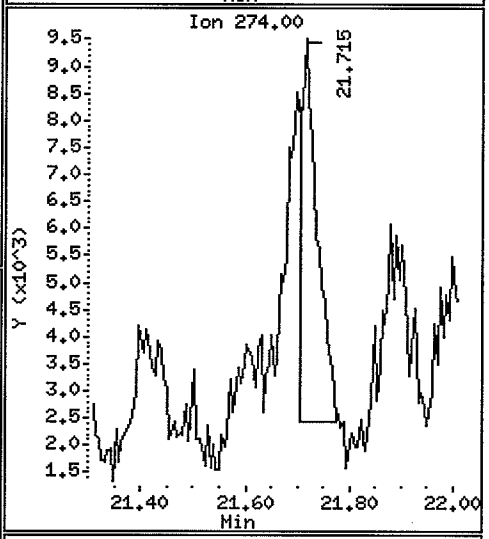


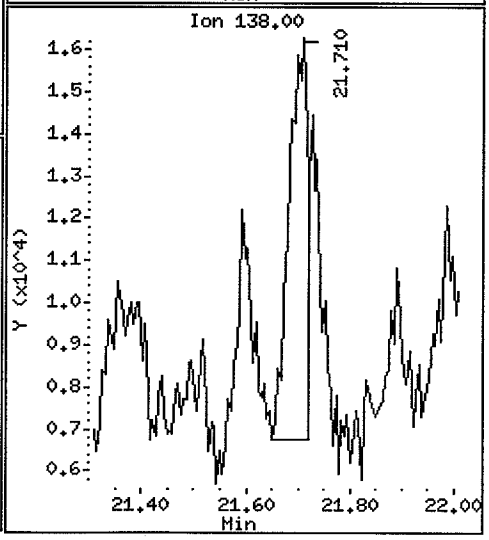












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

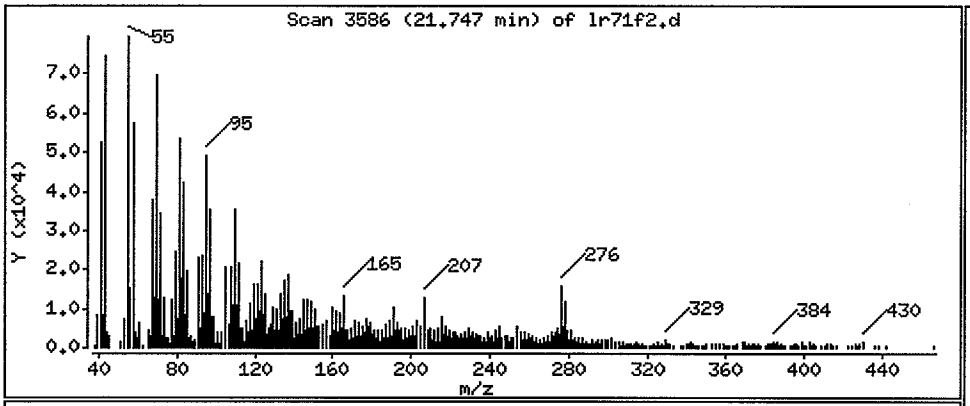
Operator: VTS

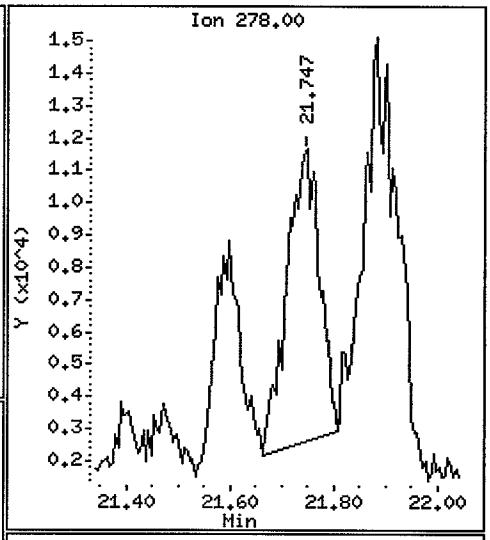
Column phase: ZB-5

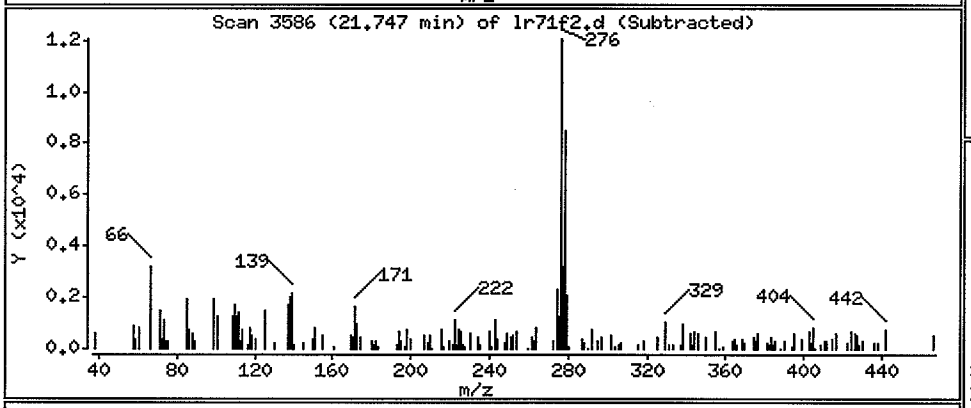
Column diameter: 0.32

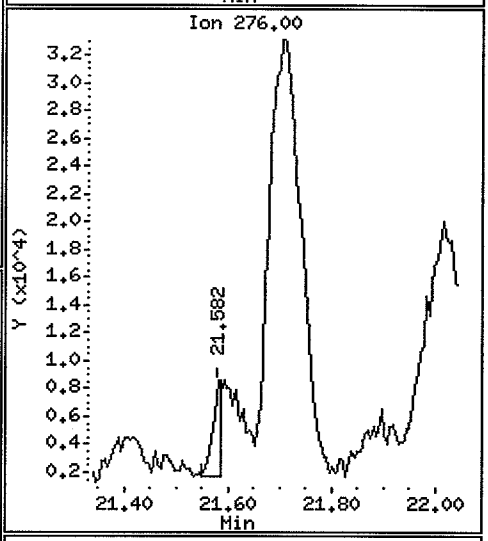
79 Dibenzo(a,h)anthracene

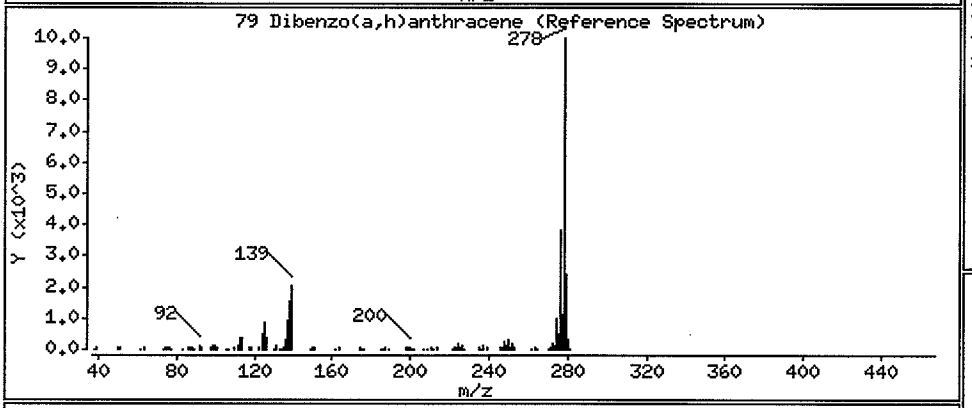
Concentration: 27.59 ug/Kg

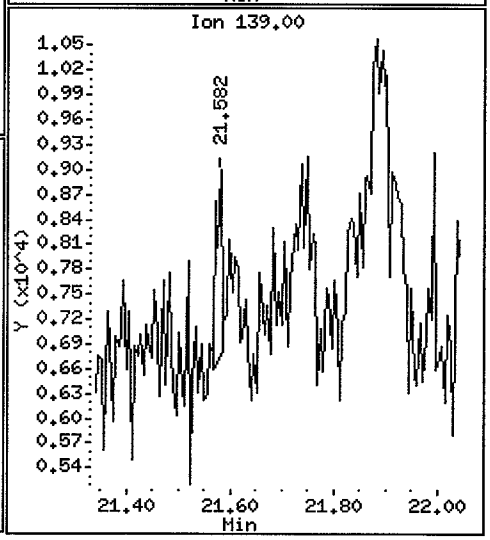


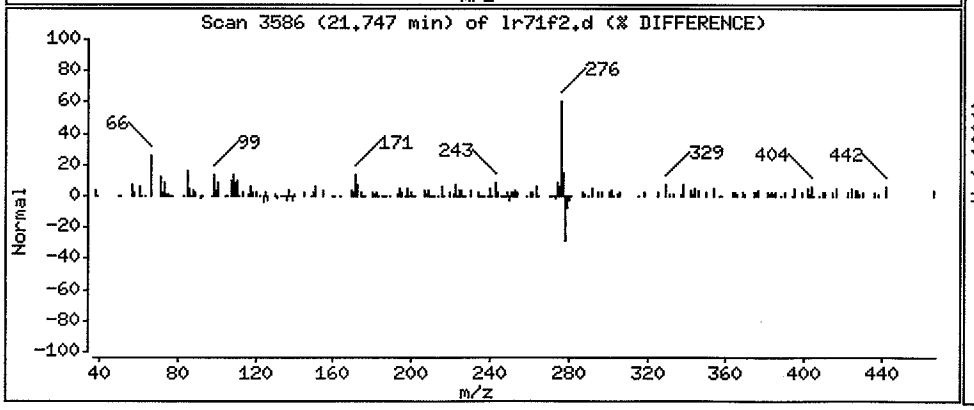












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

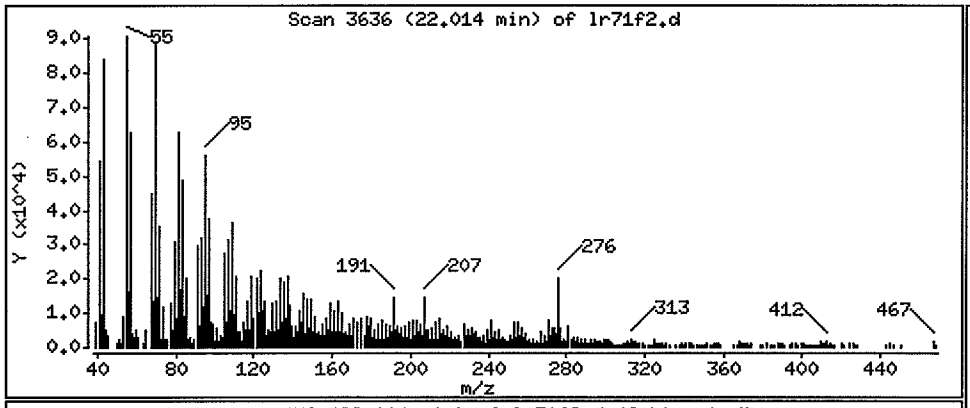
Operator: VTS

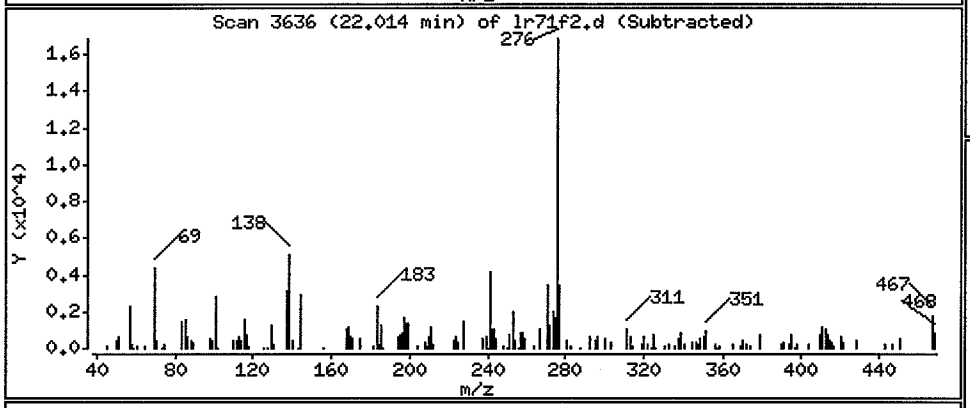
Column phase: ZB-5

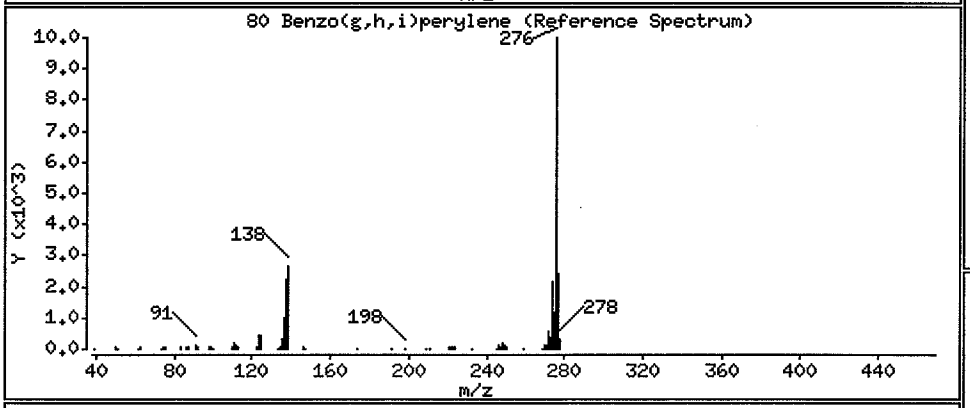
Column diameter: 0.32

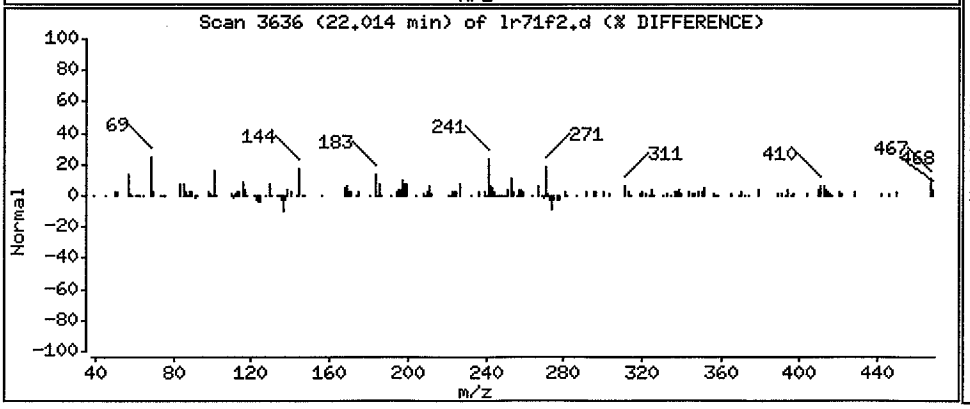
80 Benzo(g,h,i)perylene

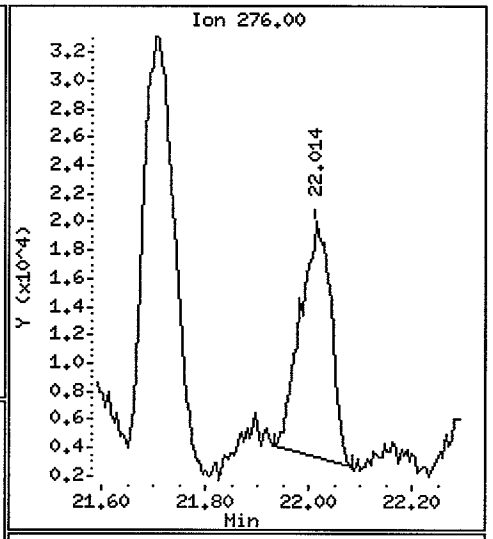
Concentration: 43.67 ug/Kg

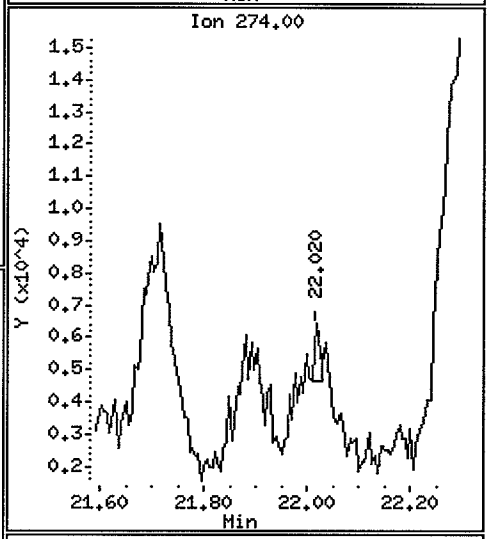


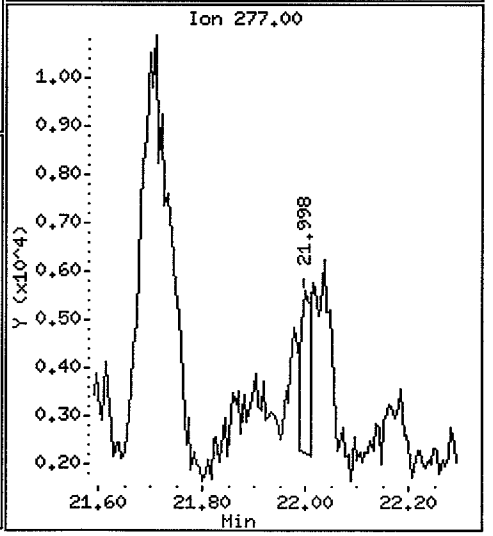












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

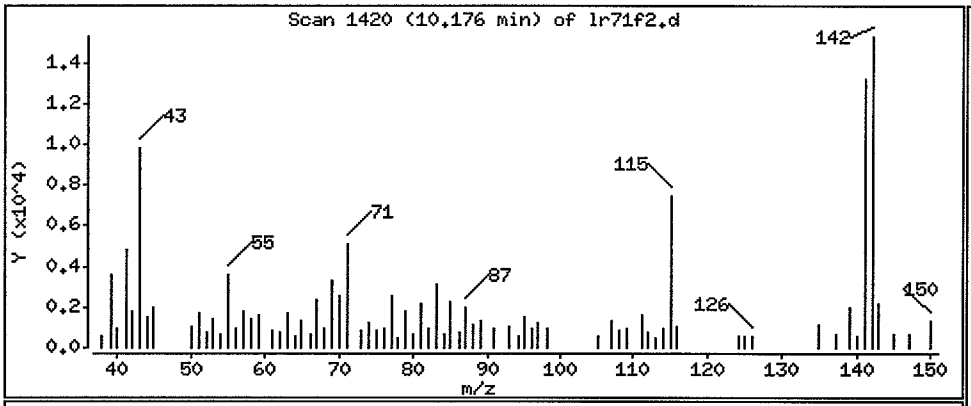
Operator: VTS

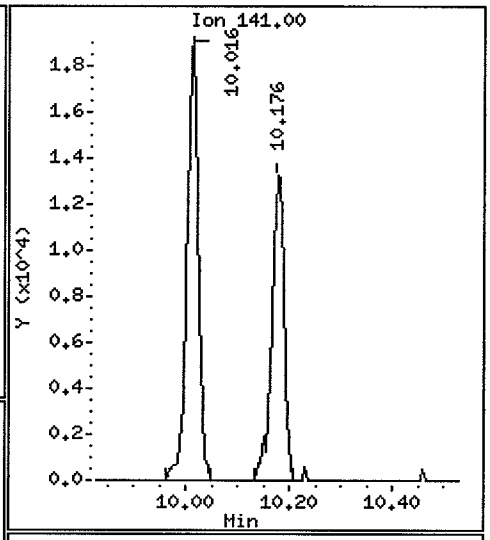
Column phase: ZB-5

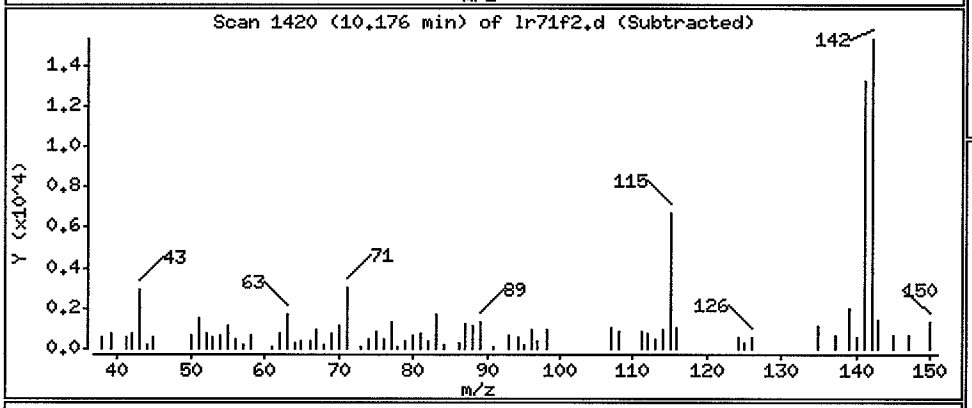
Column diameter: 0.32

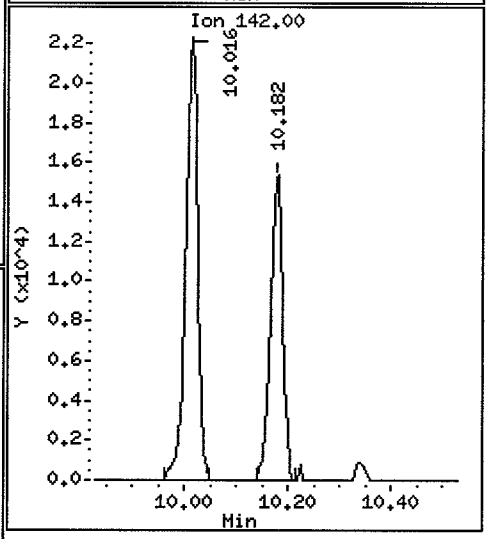
105 1-methylnaphthalene

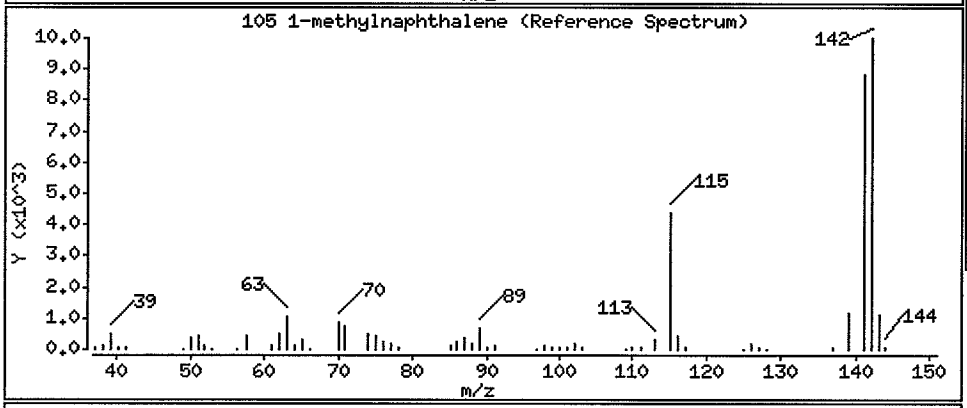
Concentration: 22.41 ug/Kg

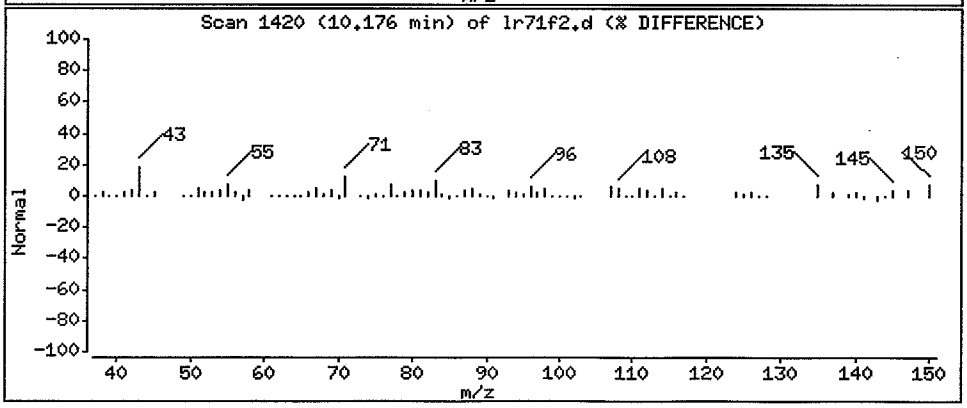




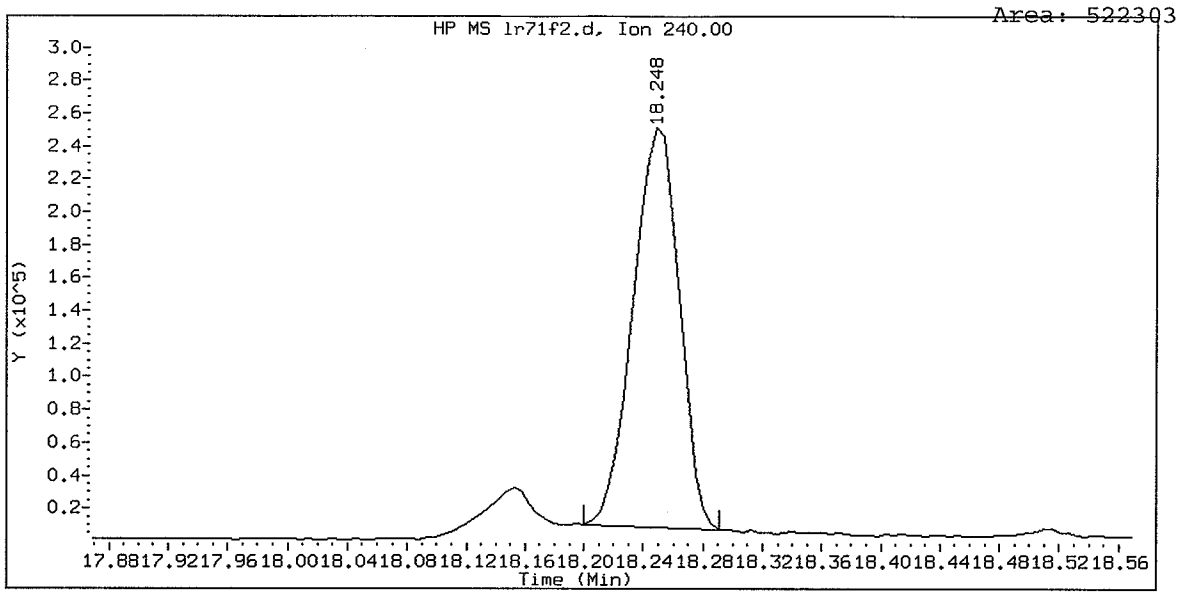


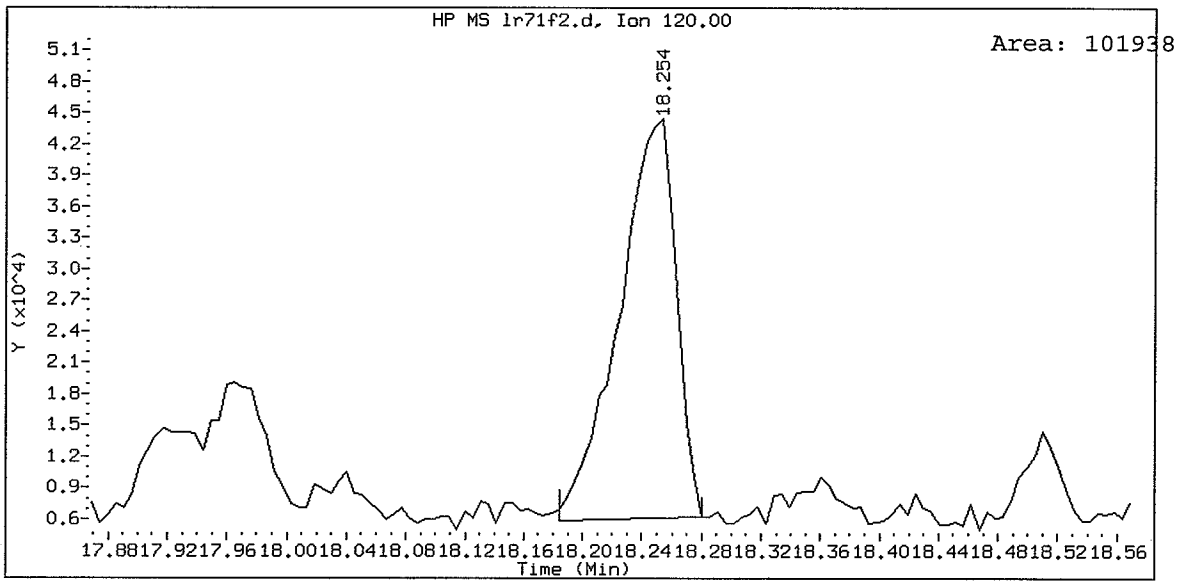


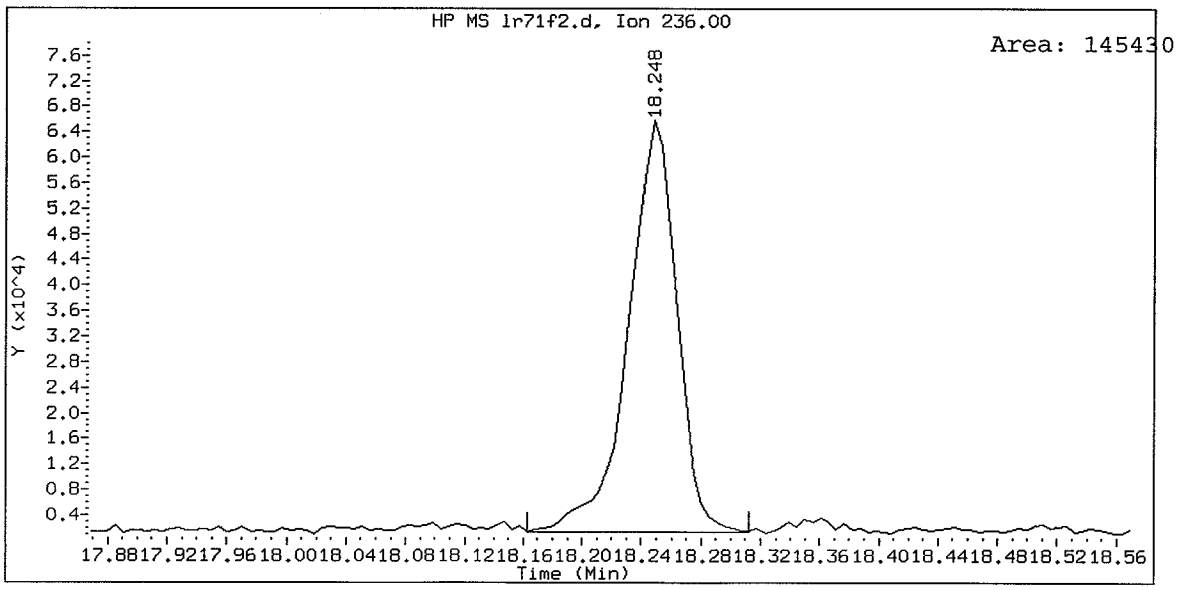




LR71FRE, /chem3/nt4.i/20071101.b/lr71f2.d
Chrysene-d12 Amount: 20.00







Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

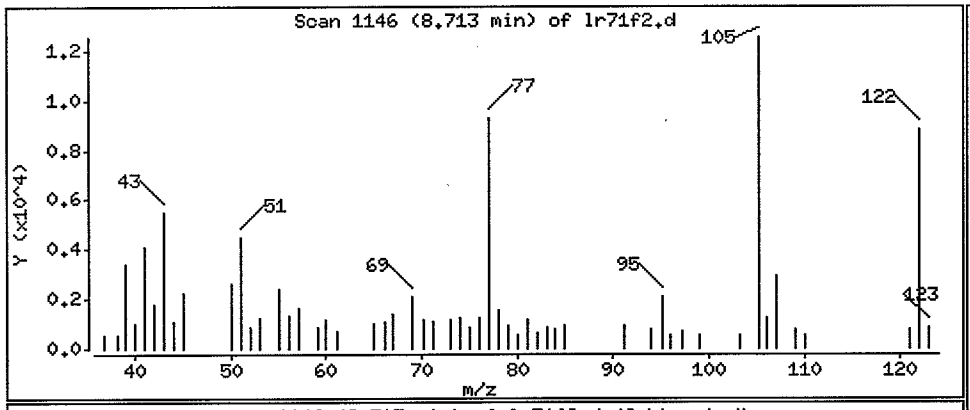
Operator: VTS

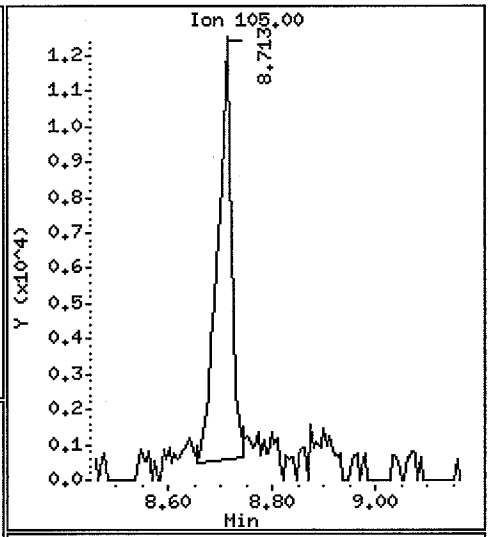
Column phase: ZB-5

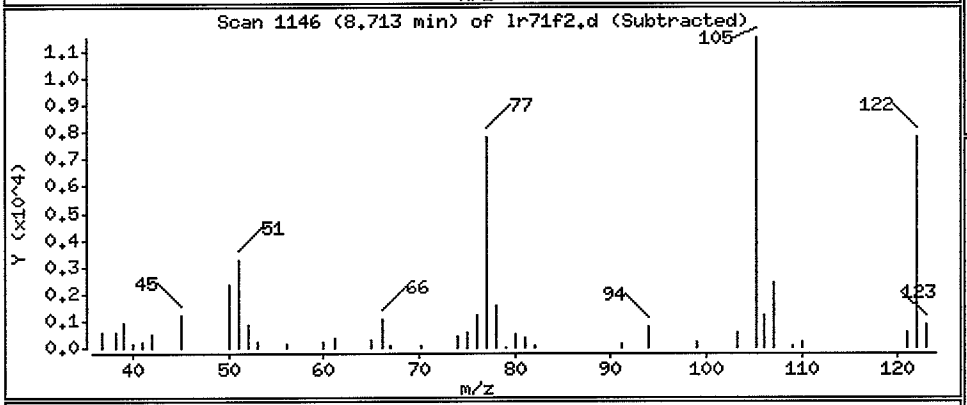
Column diameter: 0.32

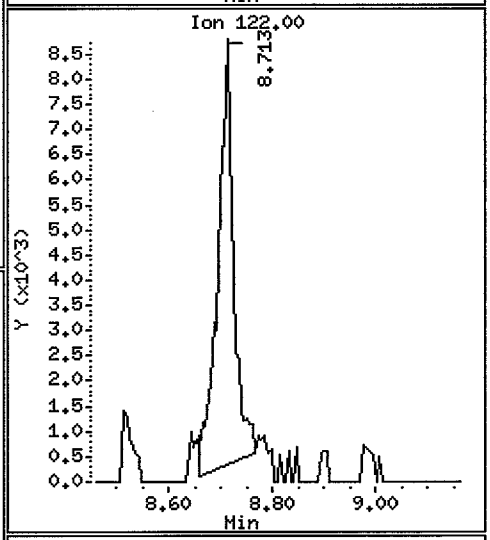
24 Benzoic acid

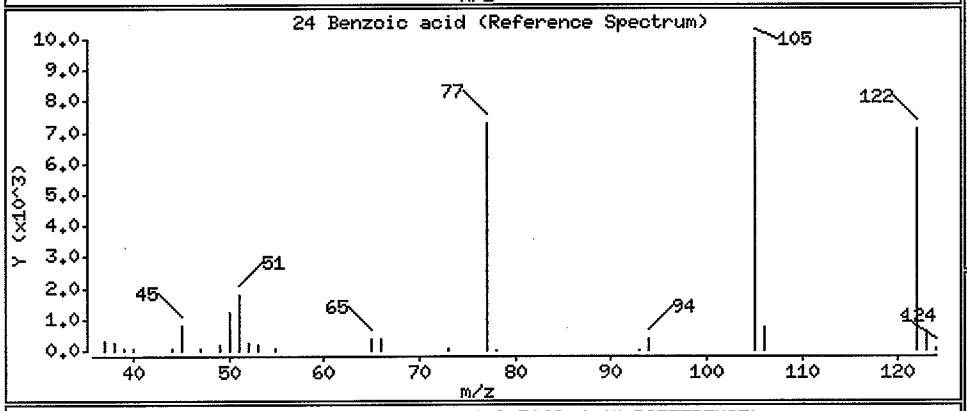
Concentration: 43.90 ug/Kg

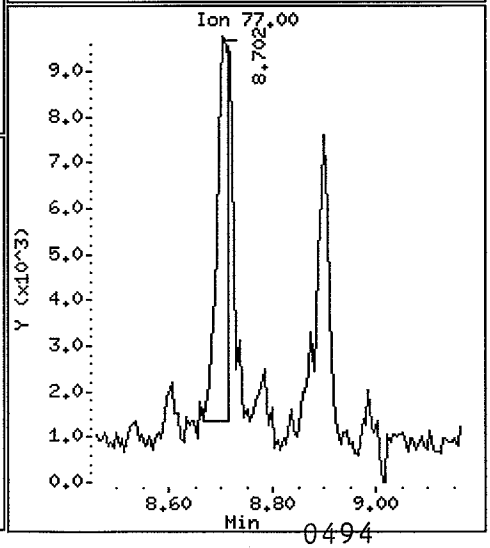


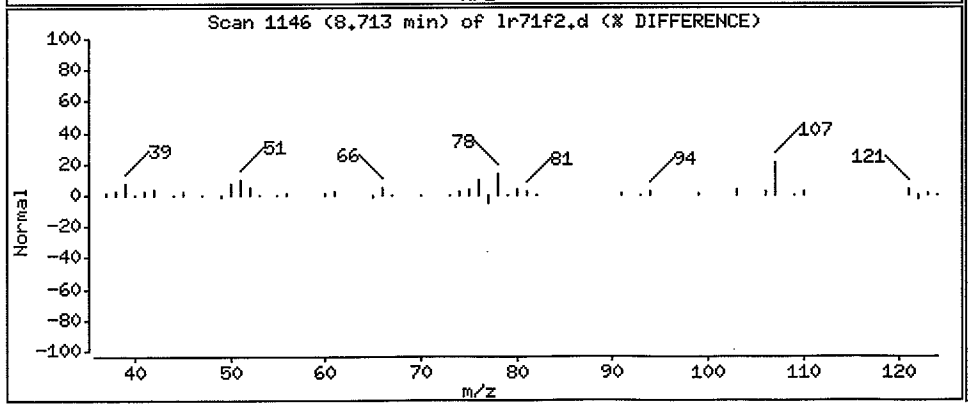












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

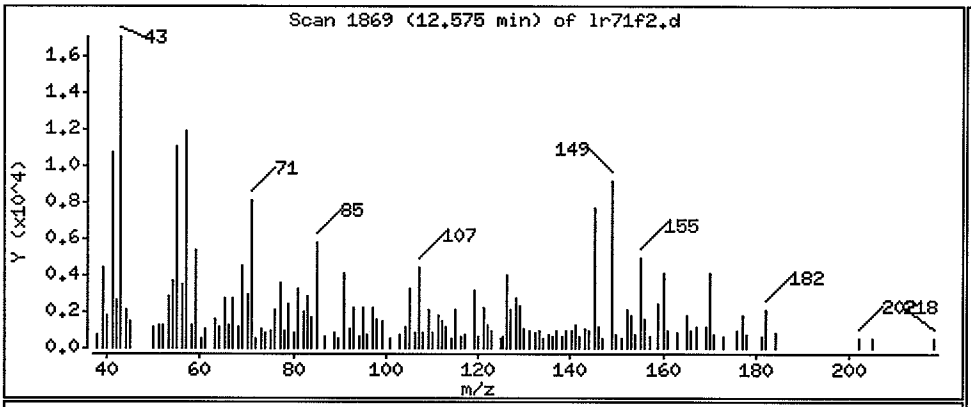
Operator: VTS

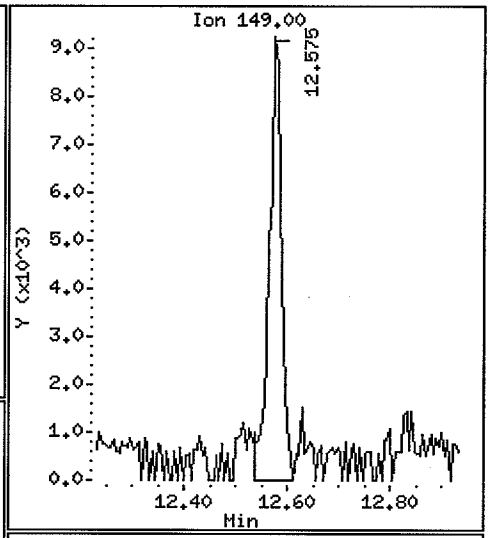
Column phase: ZB-5

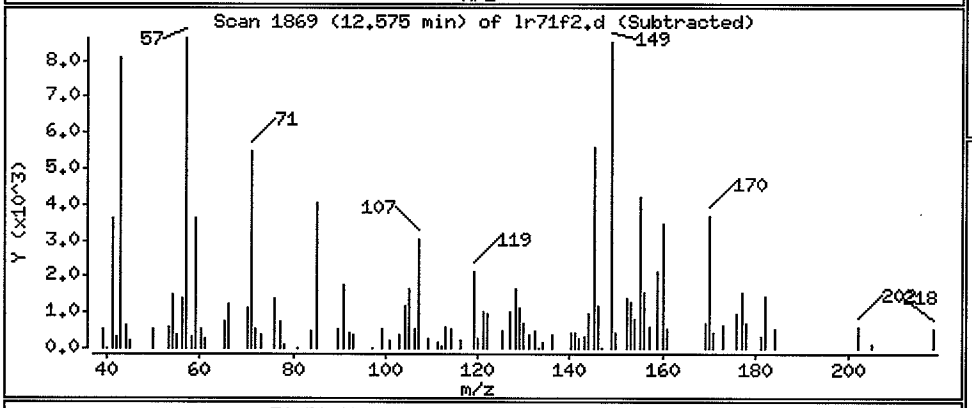
Column diameter: 0.32

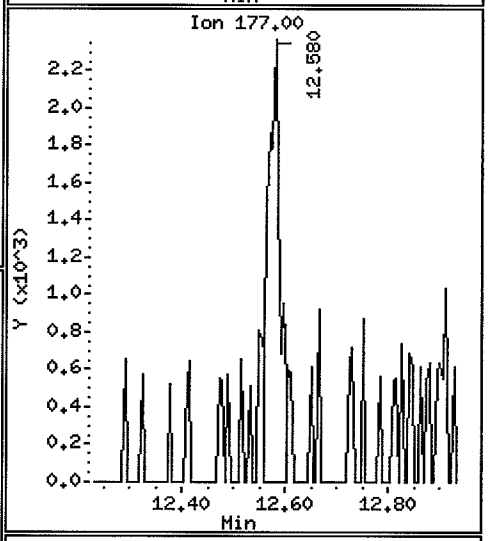
50 Diethylphthalate

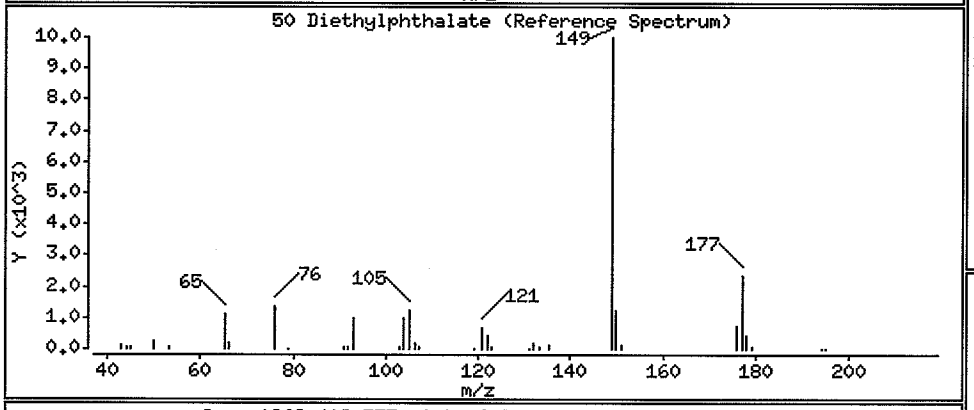
Concentration: 13.74 ug/Kg

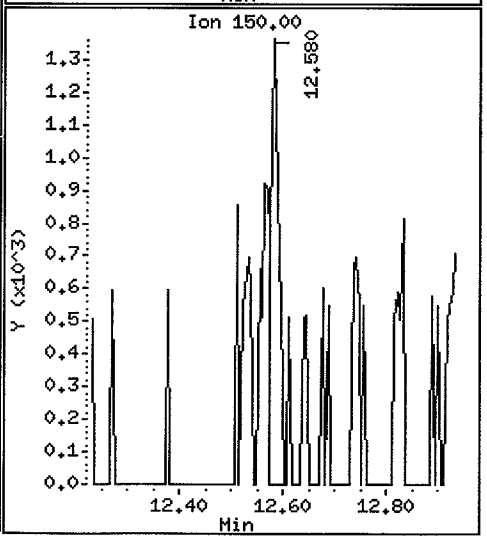


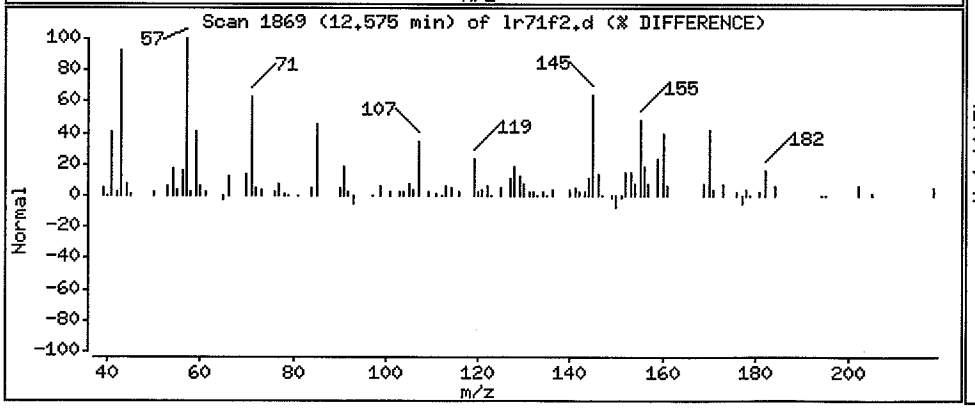












Data File: /chem3/nt4.i/20071101.b/lr71f2.d

Date : 01-NOV-2007 20:18

Client ID:

Instrument: nt4.i

Sample Info: LR71FRE

Volume Injected (uL): 1.0

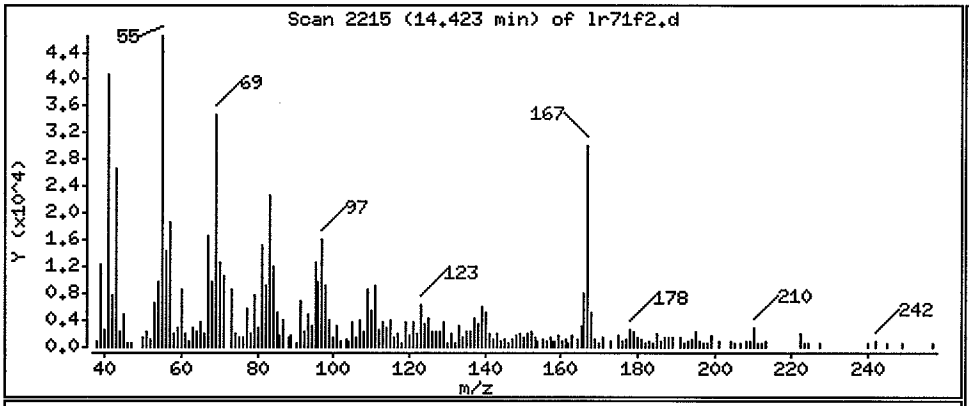
Operator: VTS

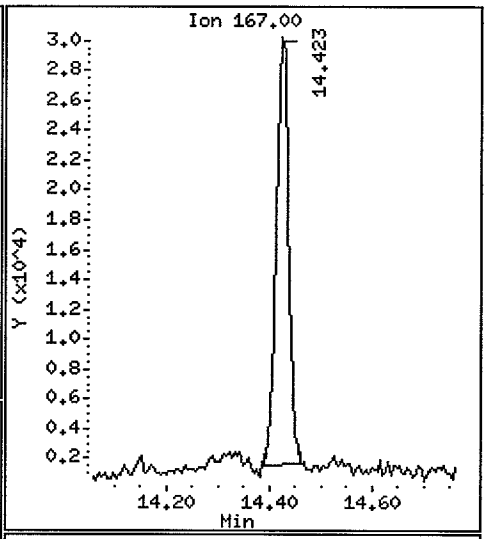
Column phase: ZB-5

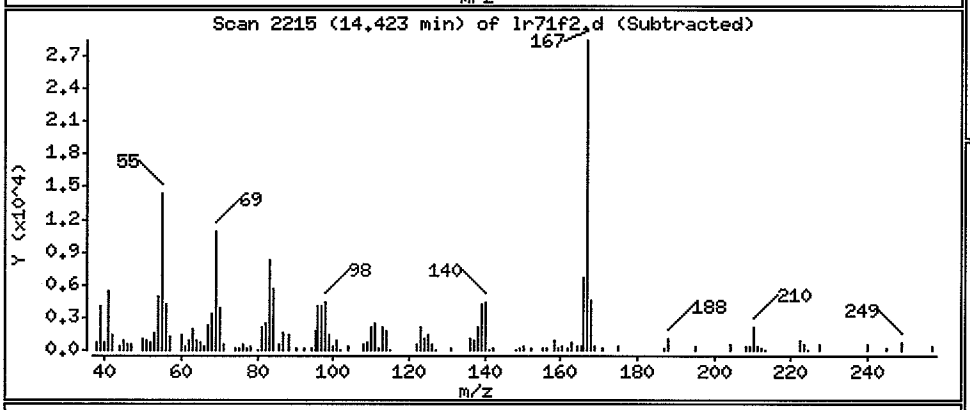
Column diameter: 0.32

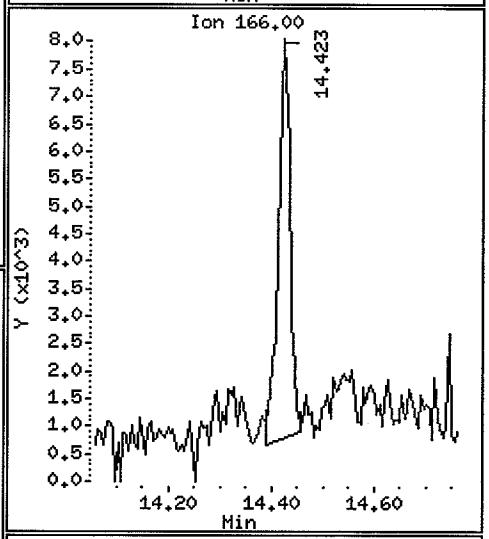
62 Carbazole

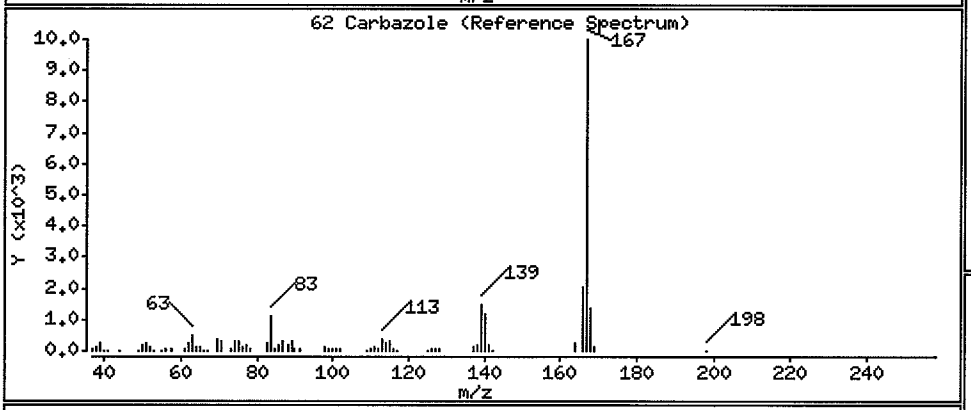
Concentration: 36.20 ug/Kg

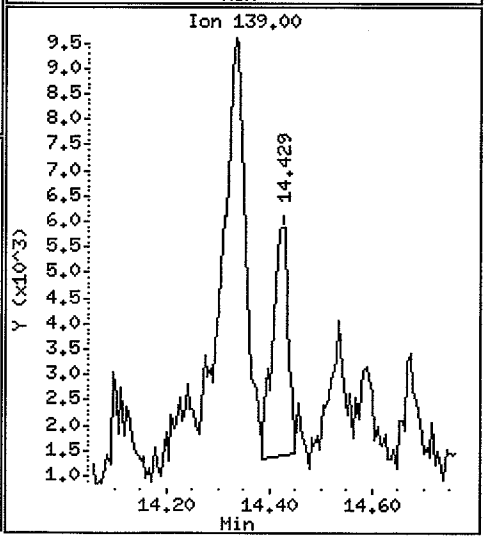


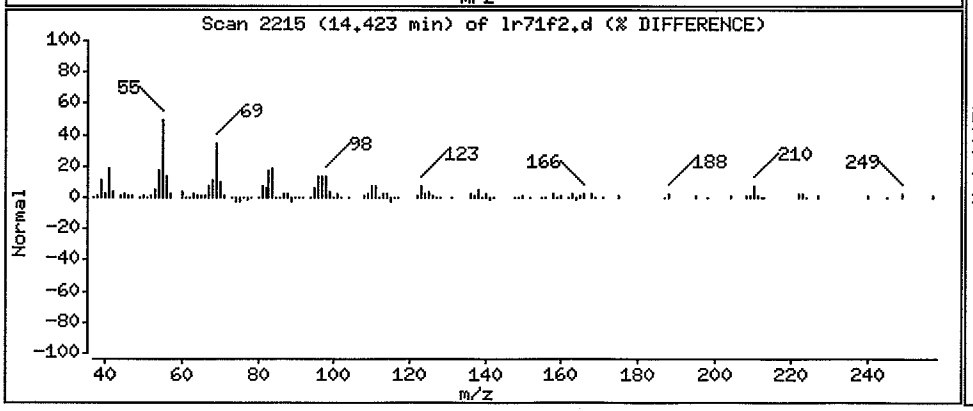












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-04**
 SAMPLE

Lab Sample ID: LR71H
LIMS ID: 07-20773
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 19:10
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	Phenanthrene	20	< 20 U
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**20**
129-00-0	Pyrene	20	< 20 U
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-04**
Page 2 of 2 **SAMPLE**

Lab Sample ID: LR71H QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20773 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 19:10

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.4%	2-Fluorobiphenyl	57.2%
d14-p-Terphenyl	56.4%	d4-1,2-Dichlorobenzene	47.6%
d5-Phenol	52.8%	2-Fluorophenol	63.5%
2,4,6-Tribromophenol	63.2%	d4-2-Chlorophenol	55.2%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71h.d
Lab Smp Id: LR71H Client Smp ID: AN-SS-04
Inj Date : 18-OCT-2007 19:10
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71H
Misc Info : 07-20773
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 10/25/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	79.00000	Weight of sample extracted (g)
M	36.60000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.952	5.917	(0.752)	311222	23.7671	474.5
$	2 Phenol-d5	99	7.501	7.488	(0.948)	330411	19.7524	394.4
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.608	7.600	(0.962)	230661	20.7037	413.4
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.912	7.904	(1.000)	177695	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	8.211	8.204	(1.038)	99826	11.9487	238.6
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	8.847	8.845	(0.887)	236728	14.1470	282.5
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.969	9.961	(1.000)	520814	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.785	11.777	(0.917)	309914	14.2631	284.8
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.848	12.841	(1.000)	279072	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.147	14.139	(1.101)	64083	23.6679	472.5
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.236	15.223	(1.000)	480458	20.0000	
	60 Phenanthrene	178	Compound Not Detected.					
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	17.218	17.205	(1.130)	36001	1.02124	20.39
65	Pyrene	202	17.571	17.563	(0.897)	35877	0.64382 LQL	12.85
$ 66	Terphenyl-d14	244	17.902	17.884	(0.914)	491757	14.0986	281.5
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	Compound Not Detected.					
* 69	Chrysene-d12	240	19.579	19.556	(1.000)	775891	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	19.612	19.598	(1.002)	33816	0.61899 LQL	12.36
72	bis(2-Ethylhexyl)phthalate	149	19.809	19.785	(0.955)	33185	0.95547 ↓	19.08
* 134	Di-n-octylphthalate-d4	153	20.749	20.720	(1.000)	1148629	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	21.225	21.190	(0.975)	30027	0.67980 LQL	13.57(M)
75	Benzo(k)fluoranthene	252	21.236	21.228	(0.976)	25249	0.54038 ↓	10.79(M)
76	Benzo(a)pyrene	252	Compound Not Detected.					
* 77	Perylene-d12	264	21.759	21.719	(1.000)	615101	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71h.d
Lab Smp Id: LR71H
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20773

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-04
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	177695	-16.21
27 Naphthalene-d8	656578	328289	1313156	520814	-20.68
42 Acenaphthene-d10	353705	176852	707410	279072	-21.10
59 Phenanthrene-d10	526440	263220	1052880	480458	-8.73
69 Chrysene-d12	581923	290962	1163846	775891	33.33
134 Di-n-octylphthala	979097	489548	1958194	1148629	17.32
77 Perylene-d12	686531	343266	1373062	615101	-10.40

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.10
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.08
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.06
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.09
69 Chrysene-d12	19.56	19.06	20.06	19.58	0.12
134 Di-n-octylphthala	20.72	20.22	21.22	20.75	0.14
77 Perylene-d12	21.72	21.22	22.22	21.76	0.18

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

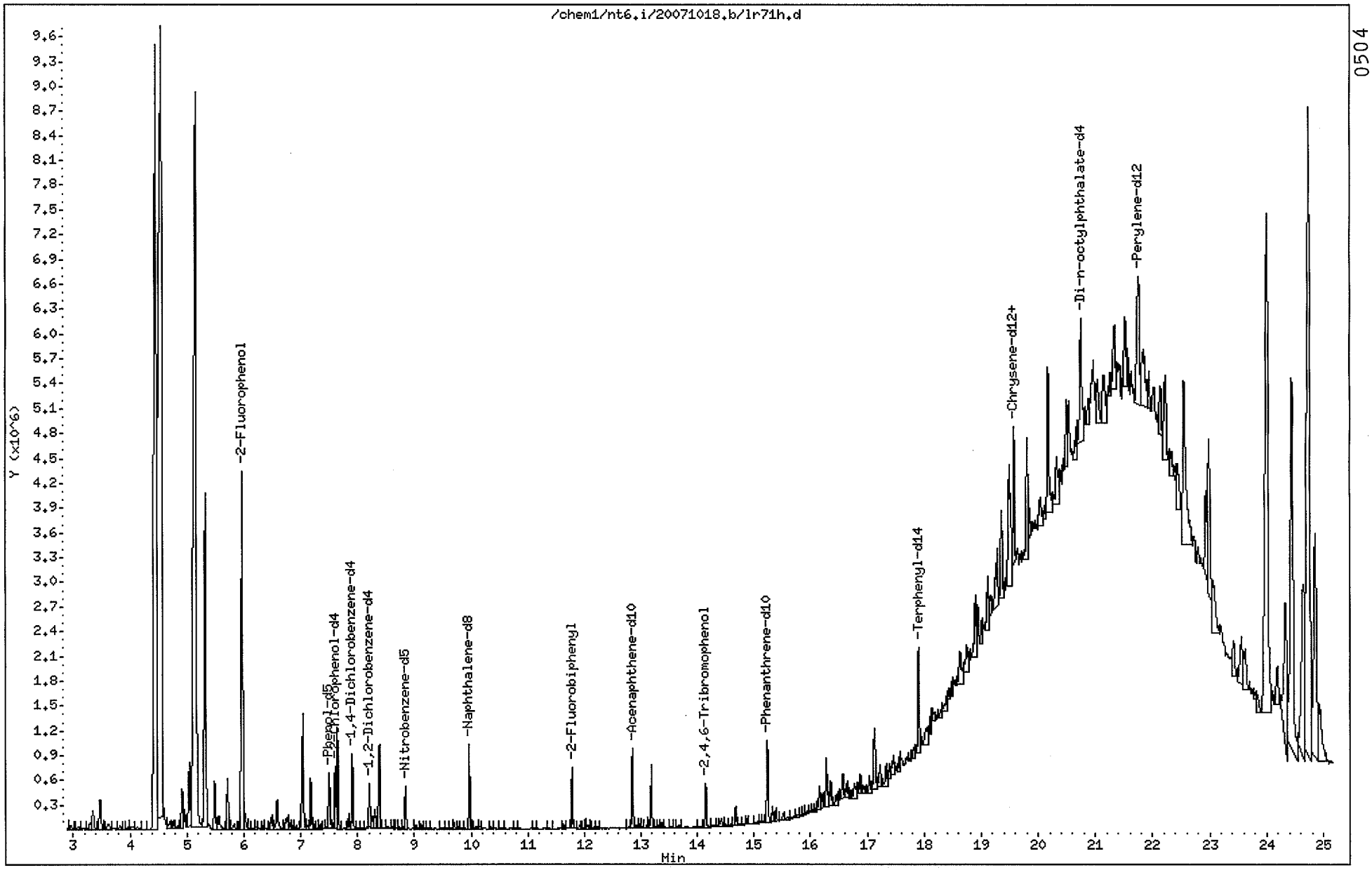
RECOVERY REPORT

Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71H
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-04
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20773

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	748.7	474.5	63.38	11-84
$ 2 Phenol-d5	748.7	394.4	52.67	25-86
$ 5 2-Chlorophenol-d4	748.7	413.4	55.21	23-91
$ 10 1,2-Dichlorobenzen	499.1	238.6	47.79	24-90
$ 18 Nitrobenzene-d5	499.1	282.5	56.59	26-88
$ 36 2-Fluorobiphenyl	499.1	284.8	57.05	34-91
$ 55 2,4,6-Tribromophen	748.7	472.5	63.11	25-107
$ 66 Terphenyl-d14	499.1	281.5	56.39	22-100

Data File: /chem1/nt6.i/20071018.b/lr71h.d
Date : 18-OCT-2007 19:10
Client ID: AN-SS-04
Sample Info: LR71H
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20071018.b/lr71h.d

Date : 18-OCT-2007 19:10

Client ID: AN-SS-04

Instrument: nt6.i

Sample Info: LR71H

Volume Injected (uL): 1.0

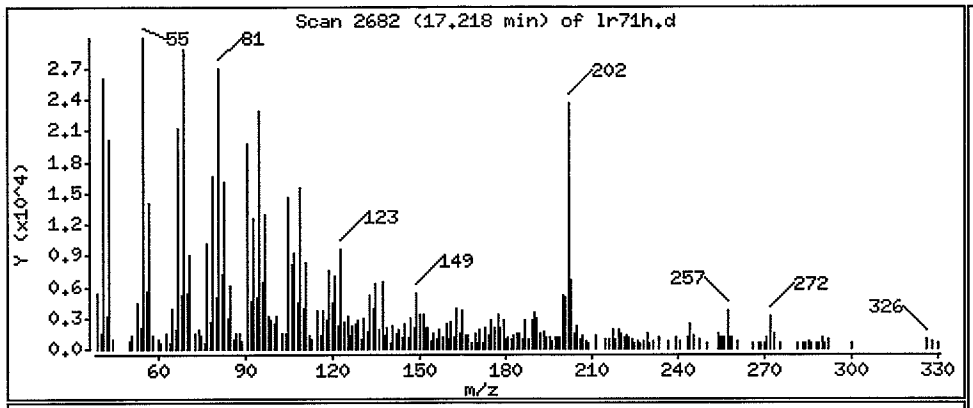
Operator: LJR/VTS

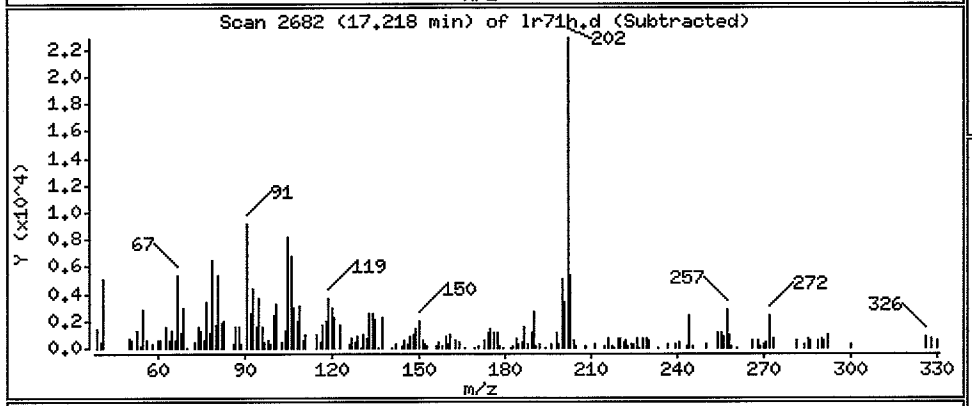
Column phase: ZB-5

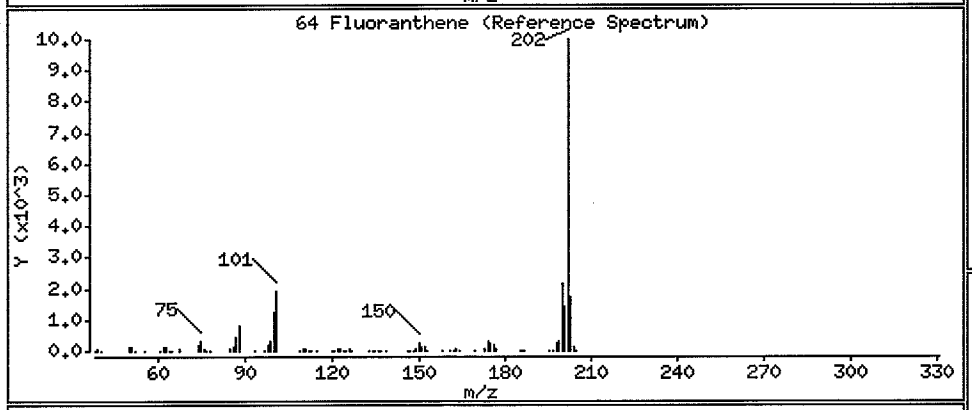
Column diameter: 0.32

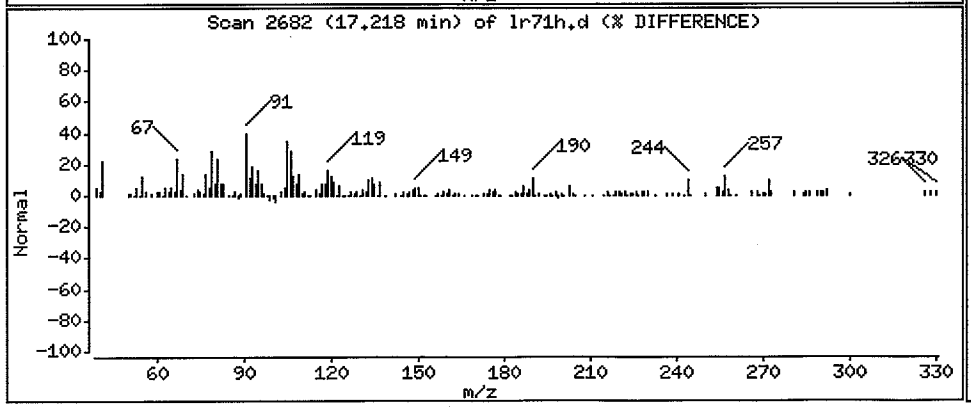
64 Fluoranthene

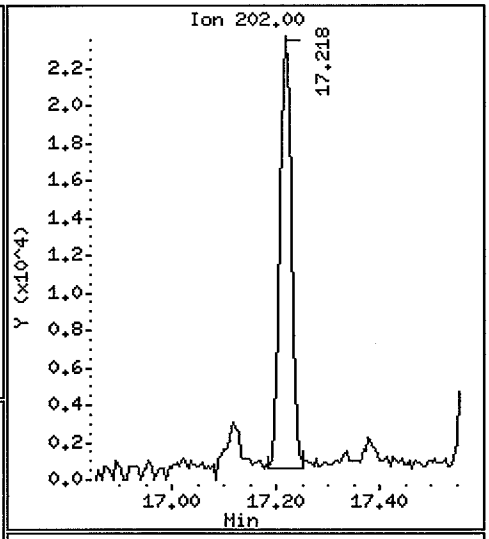
Concentration: 20.39 ug/kg

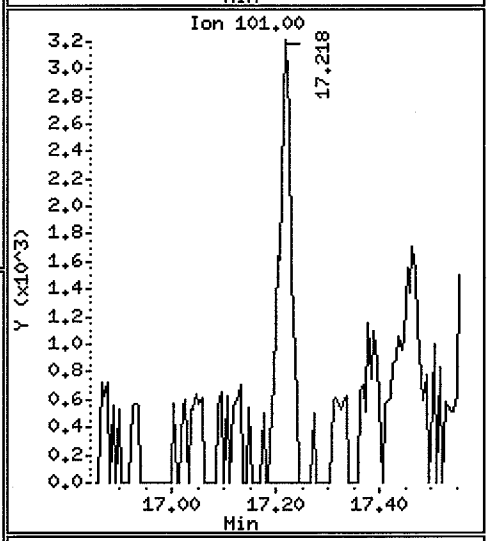


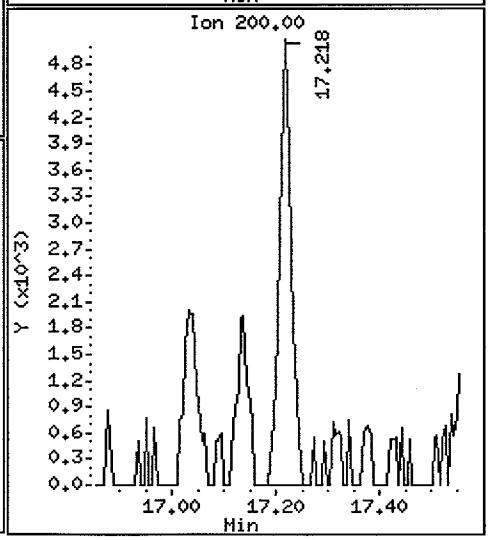












Data File: /chem1/nt6.i/20071018.b/lr71h.d

Date : 18-OCT-2007 19:10

Client ID: AN-SS-04

Instrument: nt6.i

Sample Info: LR71H

Volume Injected (uL): 1.0

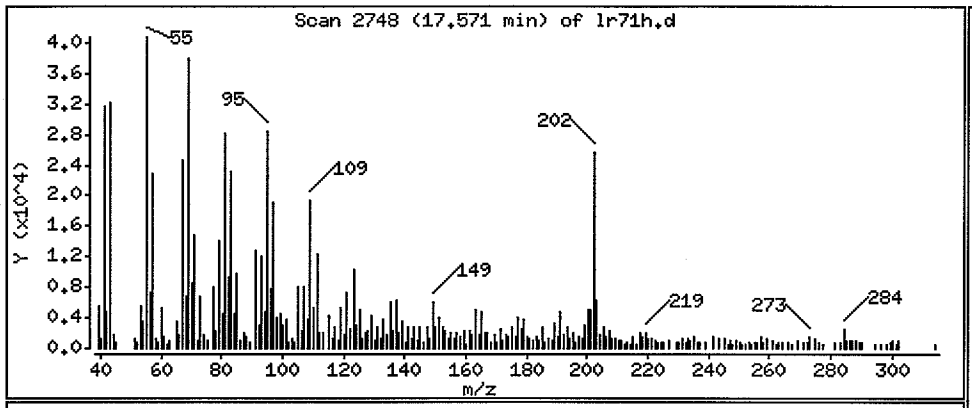
Operator: LJR/VTS

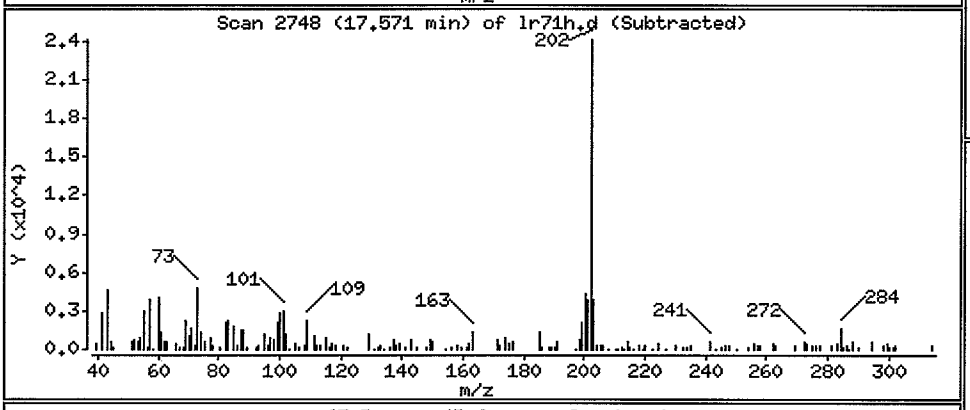
Column phase: ZB-5

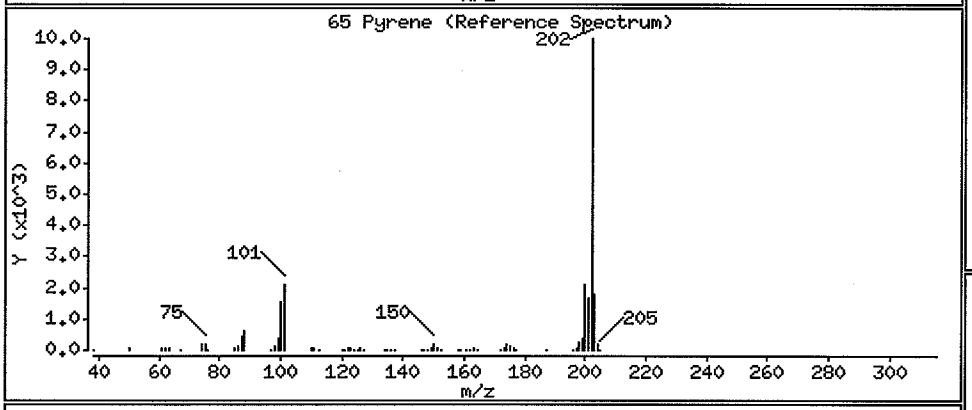
Column diameter: 0.32

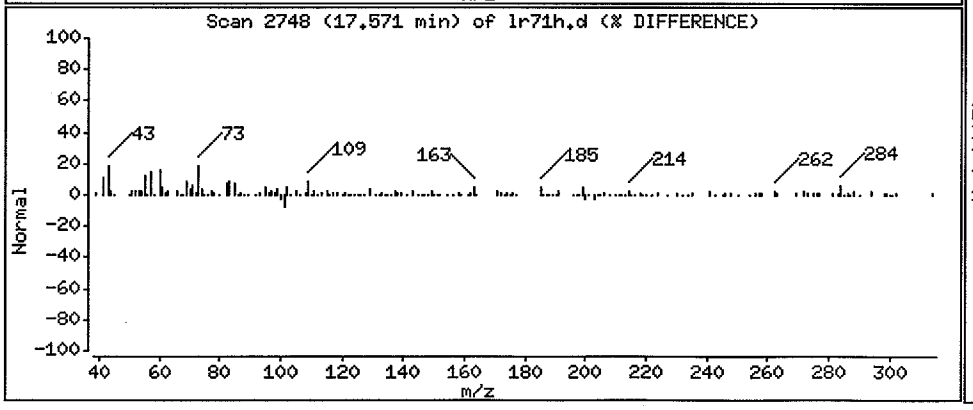
65 Pyrene

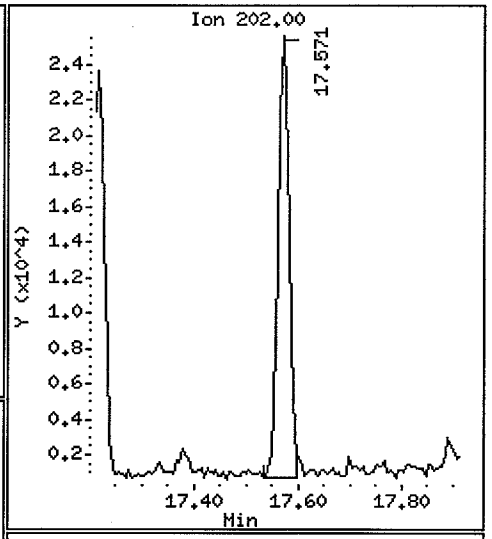
Concentration: 12.85 ug/kg

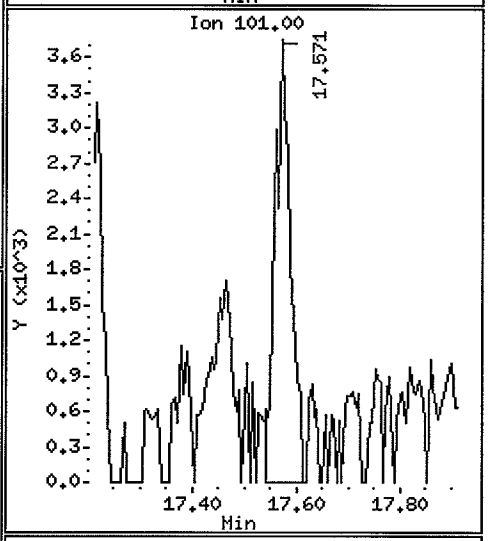


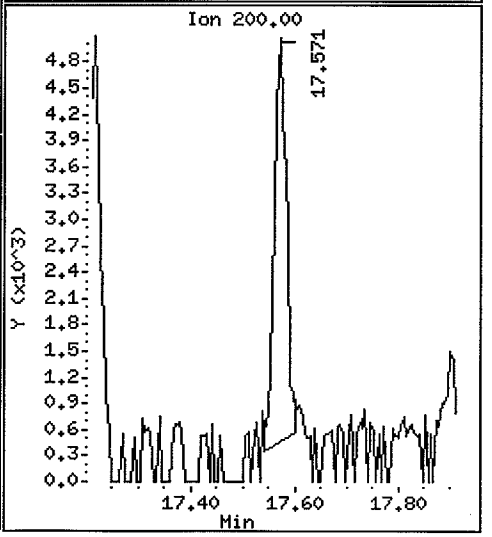












Data File: /chem1/nt6.i/20071018.b/lr71h.d

Date : 18-OCT-2007 19:10

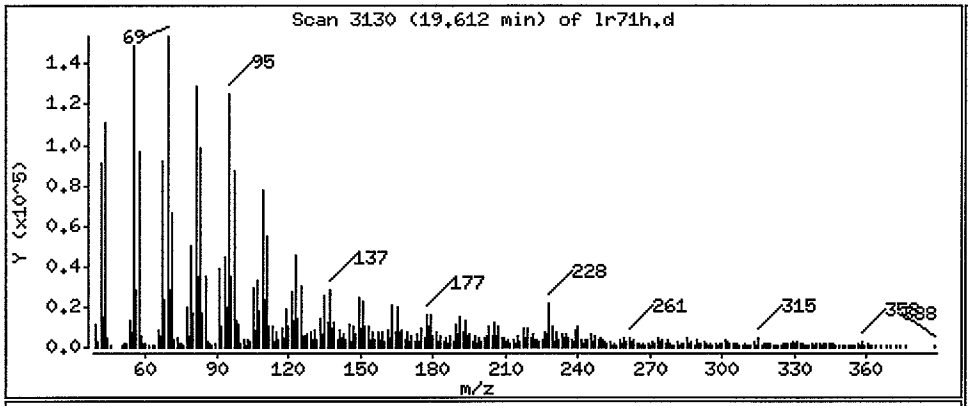
Client ID: AN-SS-04 Instrument: nt6.i

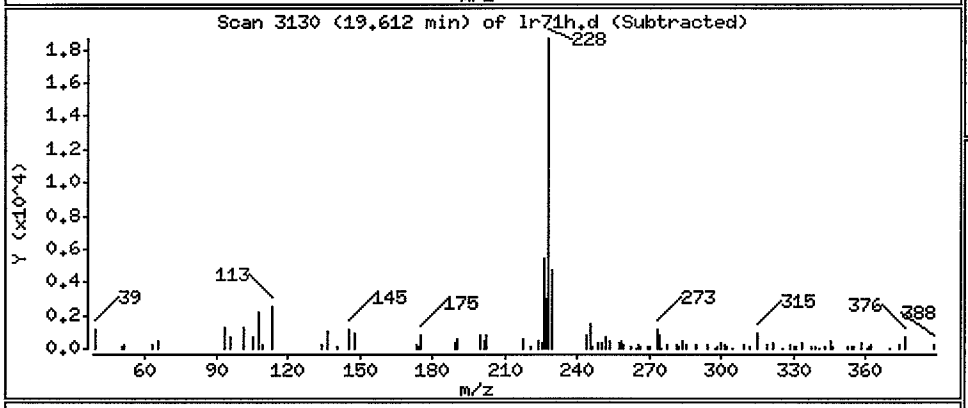
Sample Info: LR71H

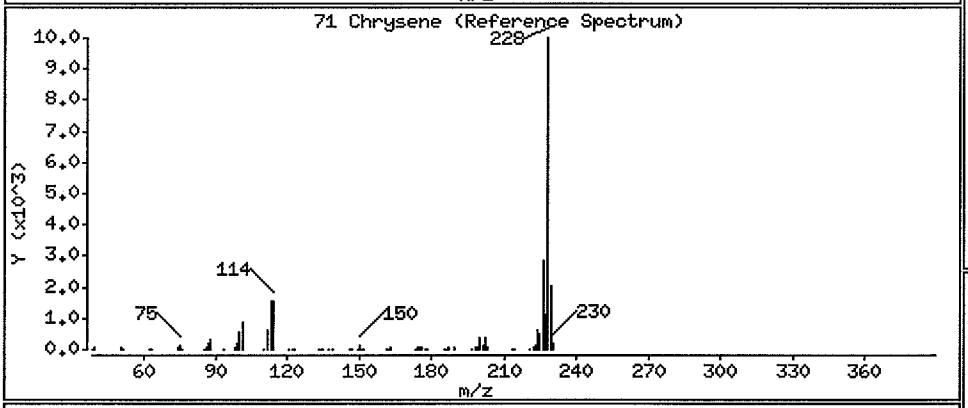
Volume Injected (uL): 1.0 Operator: LJR/VTS

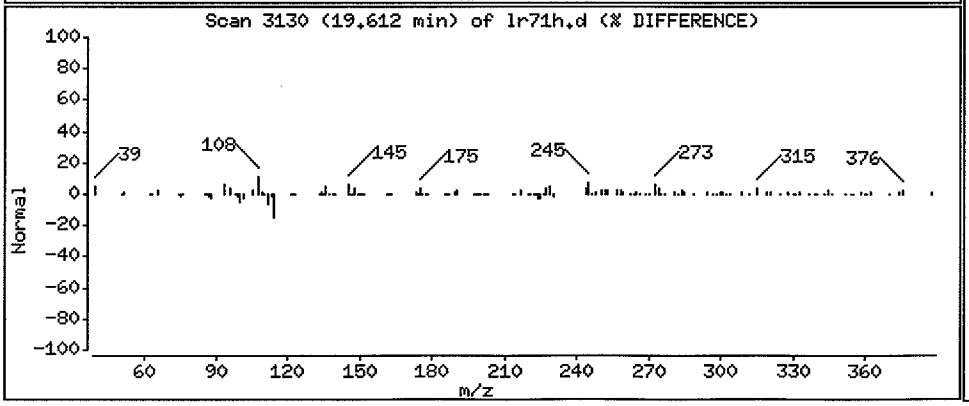
Column phase: ZB-5 Column diameter: 0.32

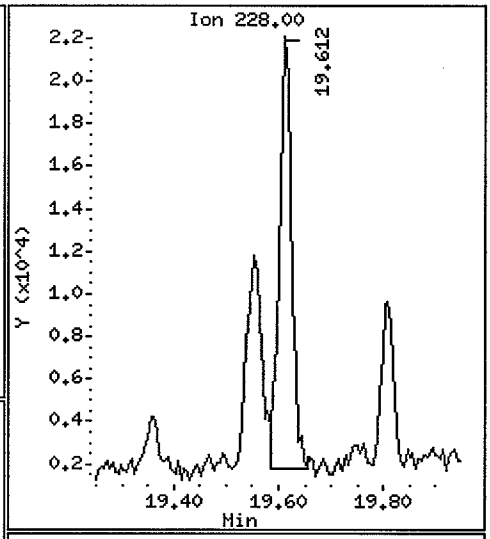
71 Chrysene Concentration: 12.36 ug/kg

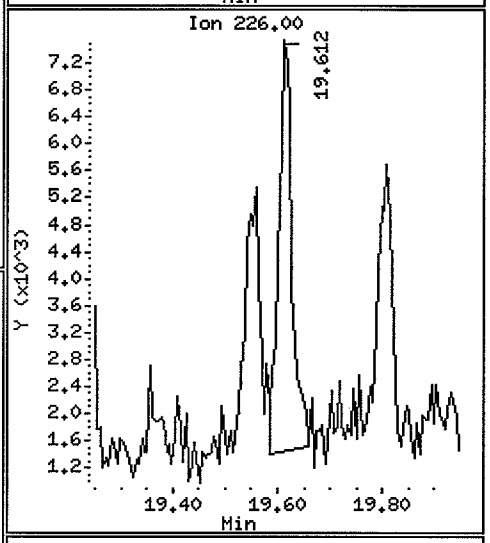


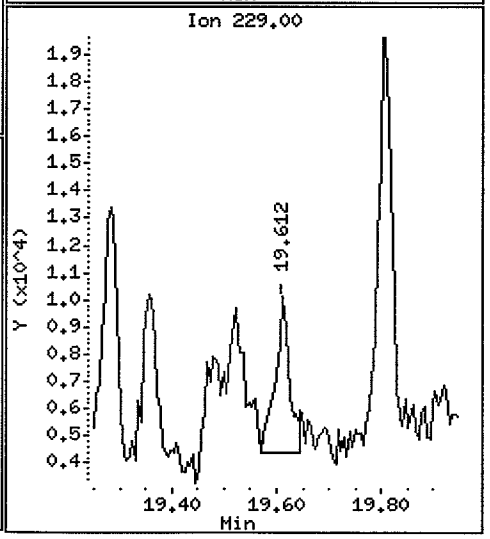












Data File: /chem1/nt6.i/20071018.b/lr71h.d

Date : 18-OCT-2007 19:10

Client ID: AN-SS-04

Instrument: nt6.i

Sample Info: LR71H

Volume Injected (uL): 1.0

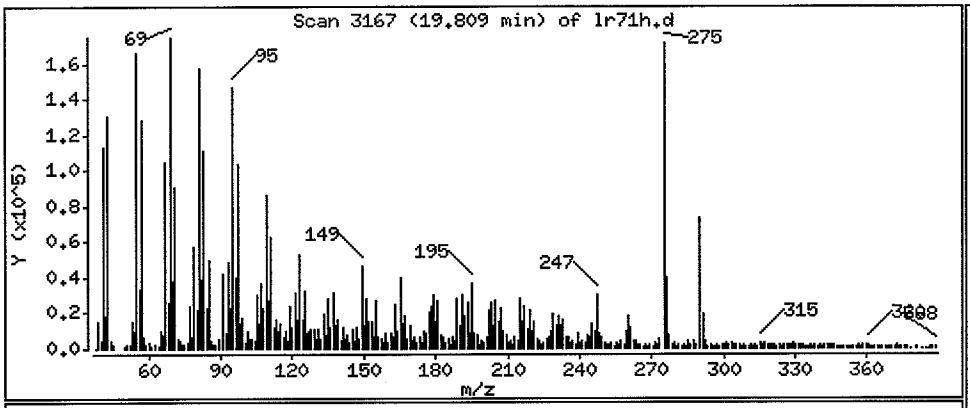
Operator: LJR/VTS

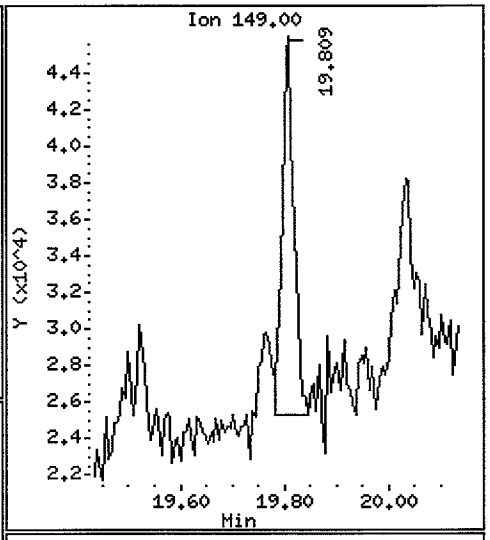
Column phase: ZB-5

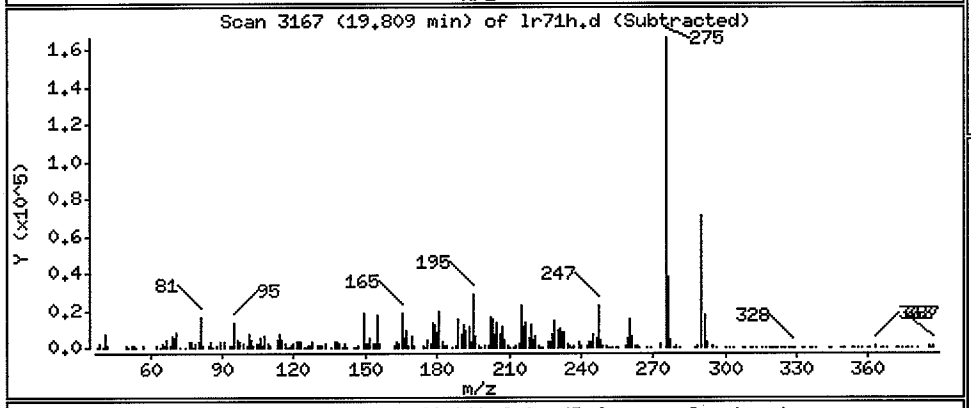
Column diameter: 0.32

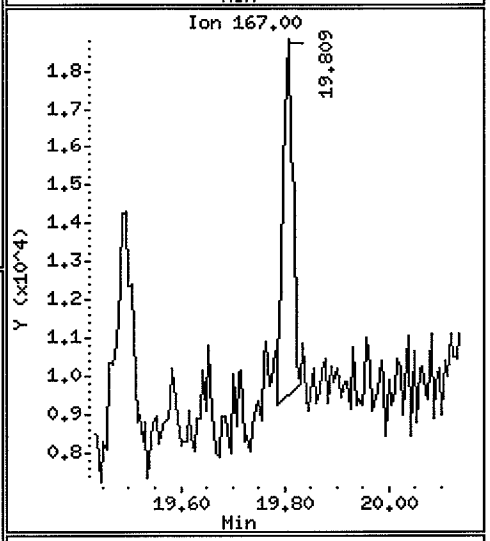
72 bis(2-Ethylhexyl)phthalate

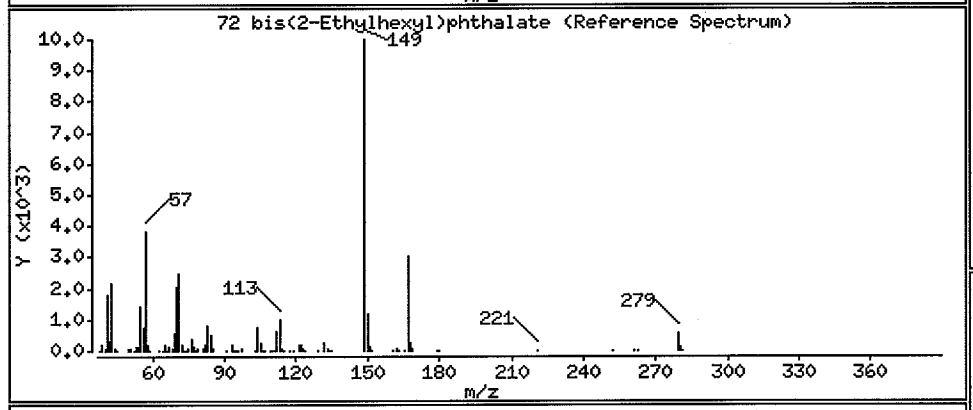
Concentration: 19.08 ug/kg

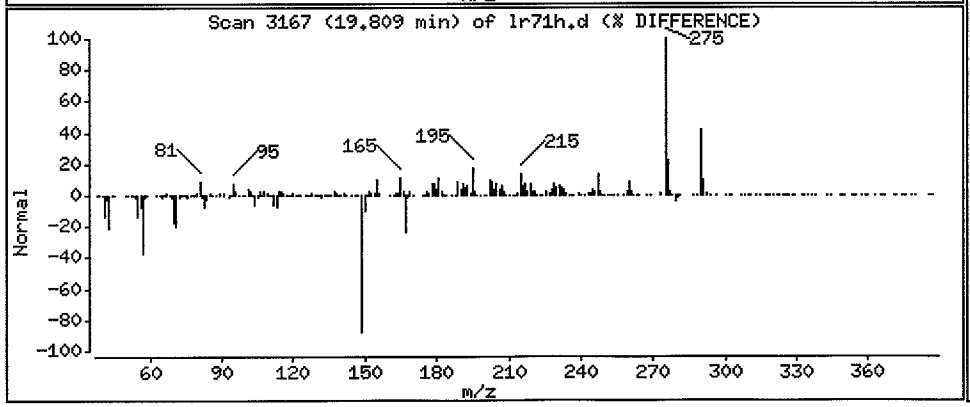


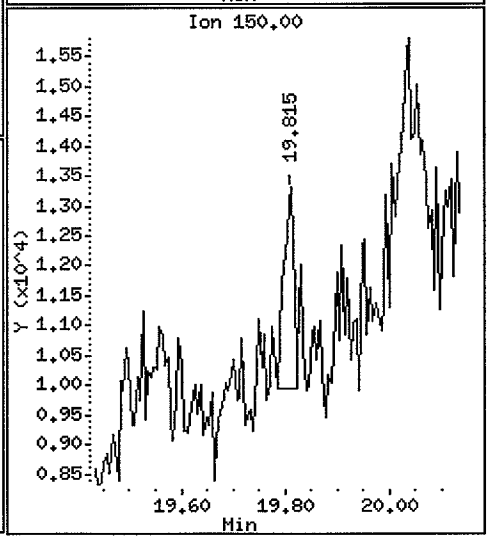












Data File: /chem1/nt6.i/20071018.b/lr71h.d

Date : 18-OCT-2007 19:10

Client ID: AN-SS-04

Instrument: nt6.i

Sample Info: LR71H

Volume Injected (uL): 1.0

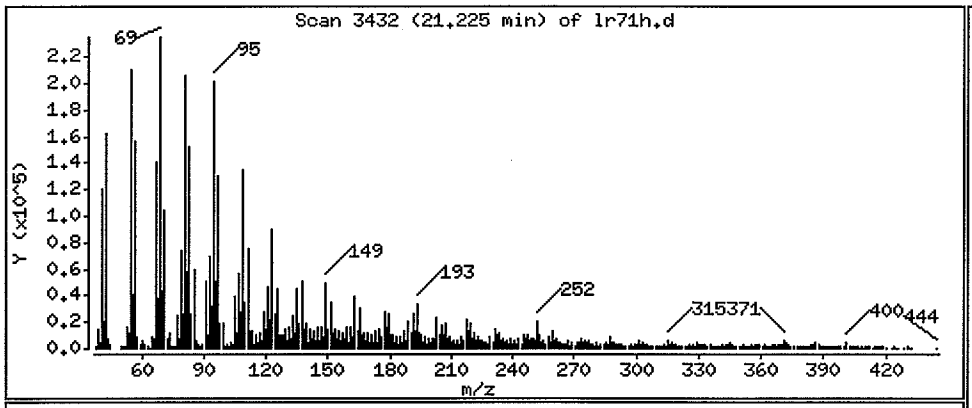
Operator: LJR/VTS

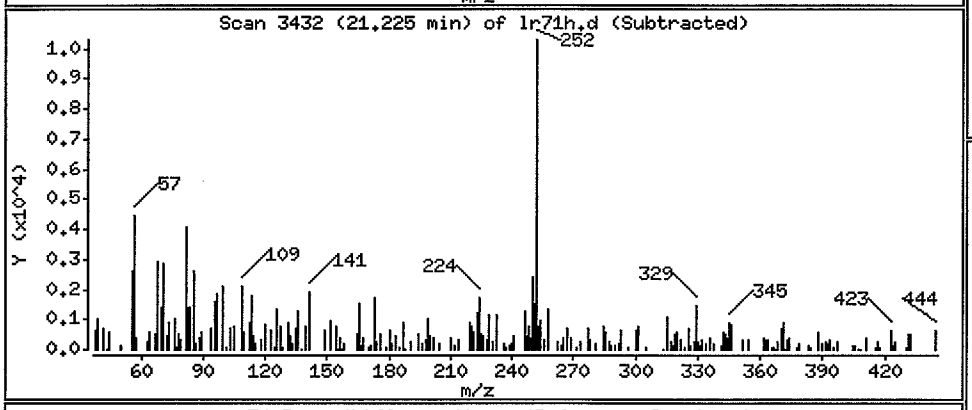
Column phase: ZB-5

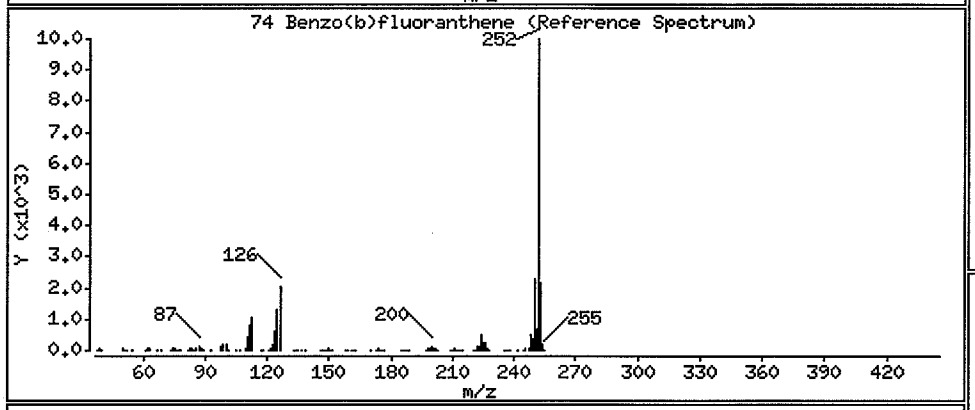
Column diameter: 0.32

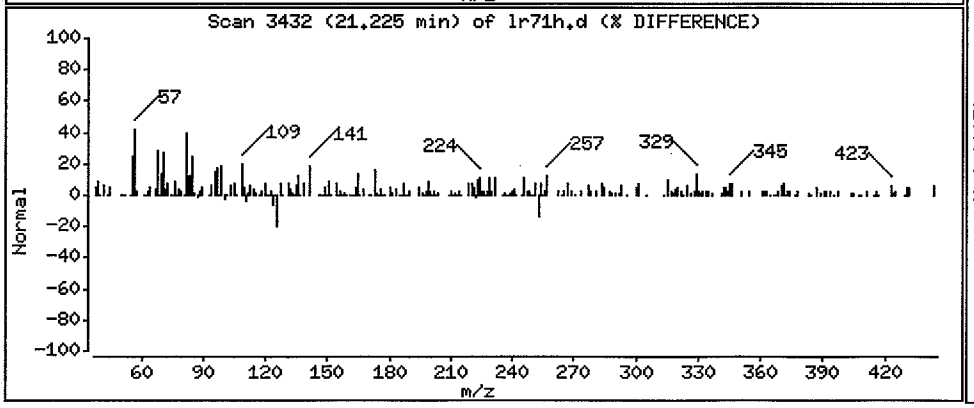
74 Benzo(b)fluoranthene

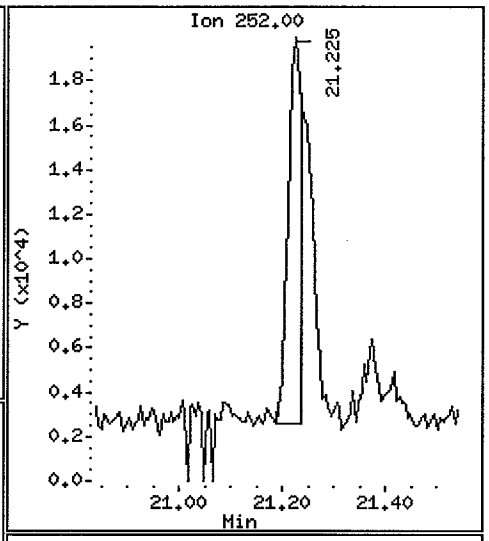
Concentration: 13.57 ug/kg

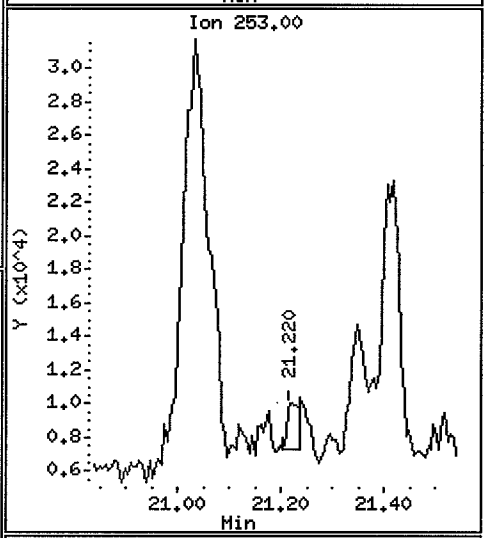


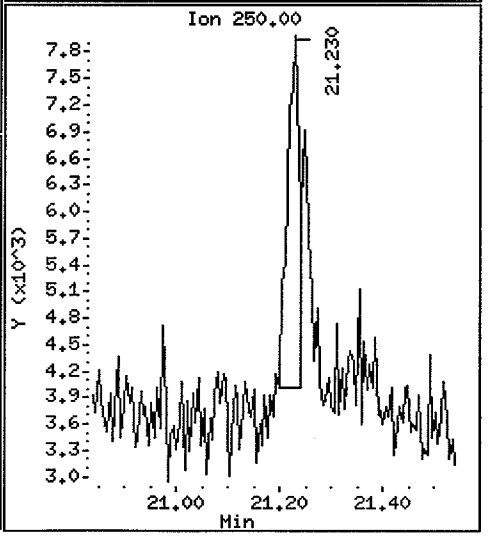












Data File: /chem1/nt6.i/20071018.b/lr71h.d

Date : 18-OCT-2007 19:10

Client ID: AN-SS-04

Instrument: nt6.i

Sample Info: LR71H

Volume Injected (uL): 1.0

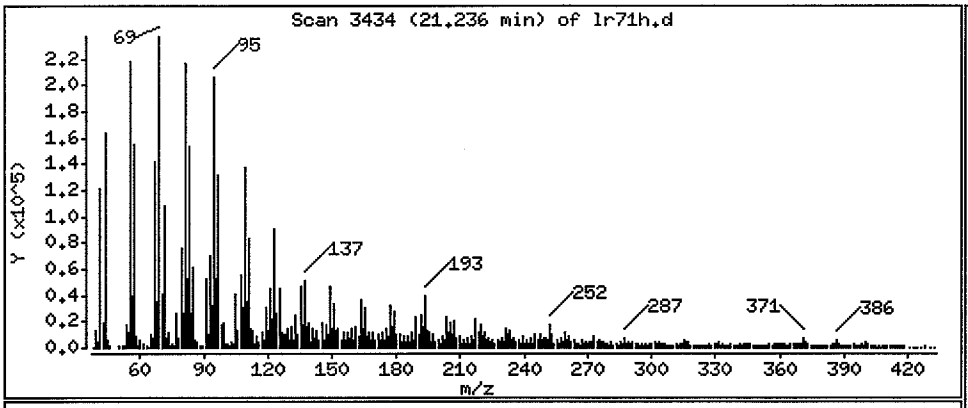
Operator: LJR/VTS

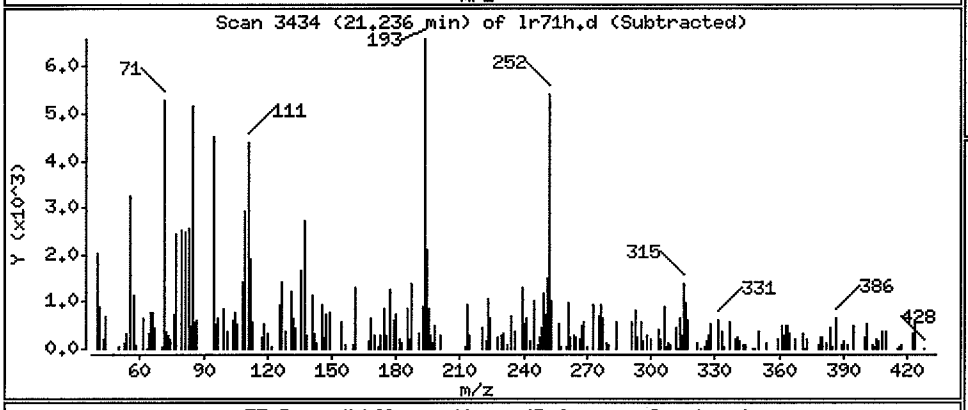
Column phase: ZB-5

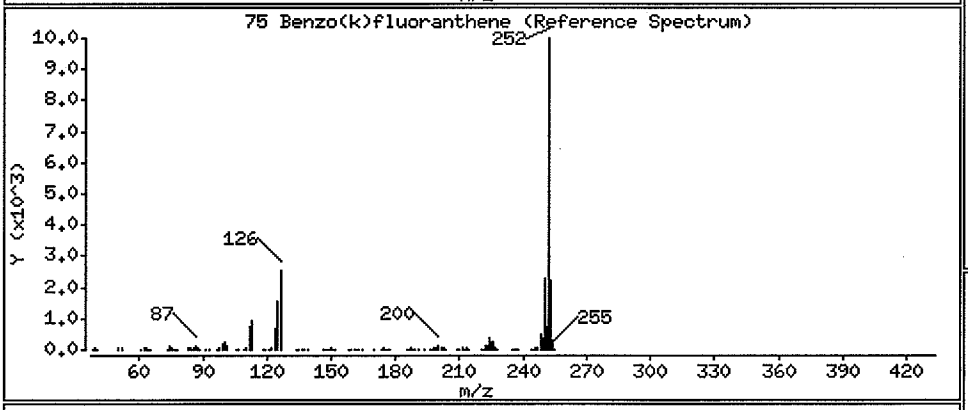
Column diameter: 0.32

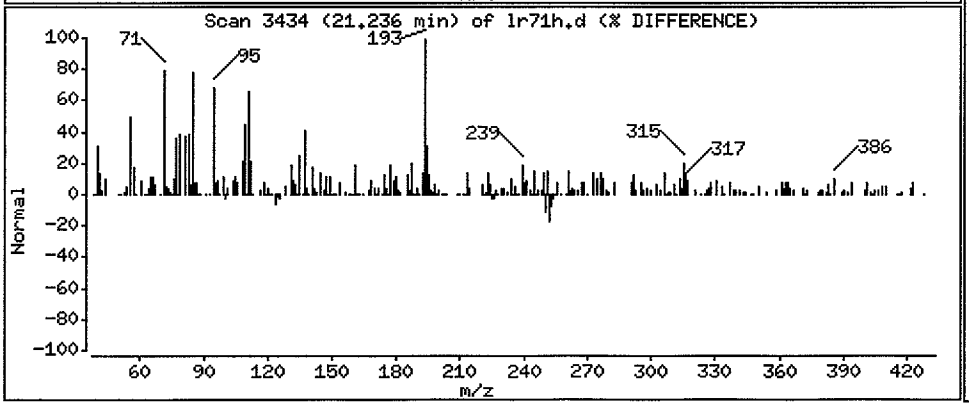
75 Benzo(k)fluoranthene

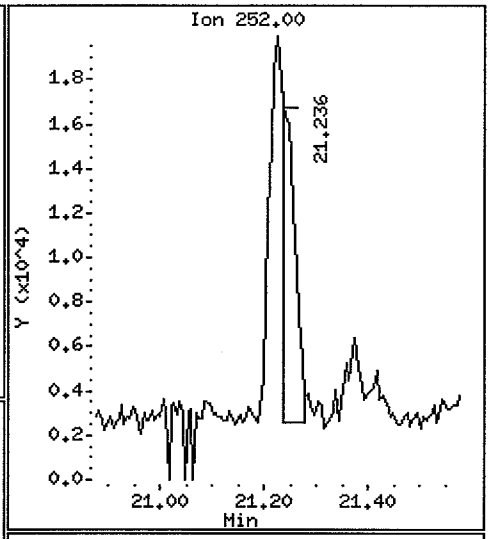
Concentration: 10.79 ug/kg

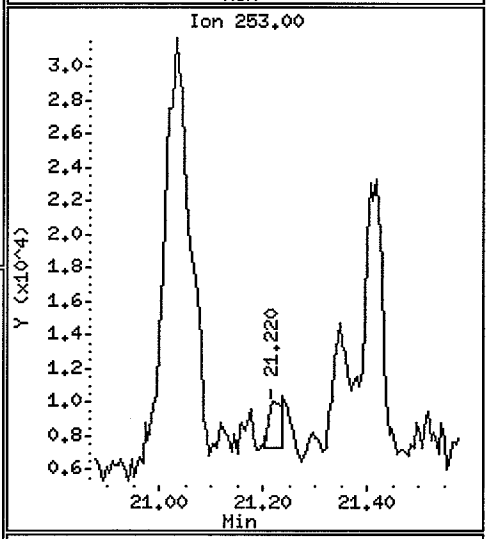


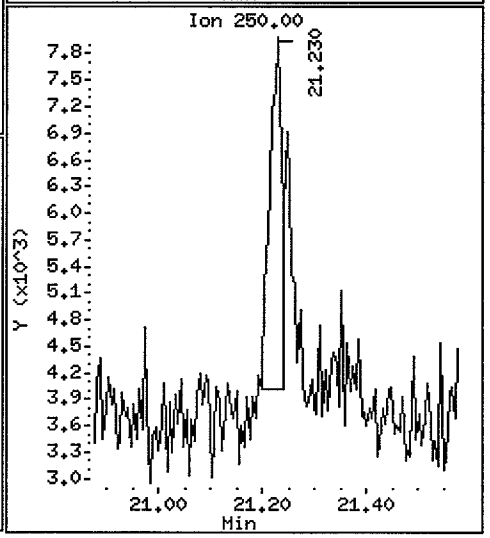












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-04
REEXTRACT

Lab Sample ID: LR71H
LIMS ID: 07-20773
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 20:50
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 36.6%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**20**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	**Diethylphthalate**	**20**	**33**
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**34**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**44**
129-00-0	**Pyrene**	**20**	**33**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**110 B**
218-01-9	**Chrysene**	**20**	**26**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-04**
Page 2 of 2 **REEXTRACT**

Lab Sample ID: LR71H QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20773 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 20:50

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	56.4%	2-Fluorobiphenyl	58.4%
d14-p-Terphenyl	54.4%	d4-1,2-Dichlorobenzene	52.0%
d5-Phenol	56.3%	2-Fluorophenol	46.4%
2,4,6-Tribromophenol	59.2%	d4-2-Chlorophenol	55.7%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71h2.d
Lab Smp Id: LR71HRE
Inj Date : 01-NOV-2007 20:50
Operator : VTS Inst ID: nt4.i
Smp Info : LR71HRE
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.827	4.748	(0.707)	241071	17.3558	347.1
$ 2	Phenol-d5	99	6.509	6.489	(0.954)	327624	21.0731	421.5
3	Phenol	94	6.525	6.505	(0.956)	18580	1.00628	20.13
$ 5	2-Chlorophenol-d4	132	6.536	6.521	(0.958)	241272	20.9212	418.4
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	6.825	6.820	(1.000)	164152	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.124	7.114	(1.044)	96650	13.0249	260.5
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	Compound Not Detected.					
$	18 Nitrobenzene-d5	82	7.775	7.771	(0.877)	225268	14.1017	282.0
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	8.716	8.813	(0.983)	59423	5.82644 LAL	116.5(M)
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.871	8.872	(1.000)	605587	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.676	10.677	(0.914)	313040	14.6360	292.7
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.681	11.682	(1.000)	309756	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	12.578	12.585	(1.077)	35648	1.64924	32.98
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.957	12.953	(1.109)	59234	22.2141	444.3
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	13.999	14.000	(1.000)	442675	20.0000	
	60 Phenanthrene	178	14.031	14.032	(1.002)	52849	1.72742	34.55
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	63 Di-n-butylphthalate	149	Compound Not Detected.					
	64 Fluoranthene	202	15.933	15.923	(1.138)	72851	2.19940	43.99
	65 Pyrene	202	16.269	16.260	(0.892)	71332	1.67716	33.54
$	66 Terphenyl-d14	244	16.649	16.634	(0.912)	334477	13.6226	272.5
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	18.219	18.199	(0.999)	24526	0.62181 LDL	12.44 (M)
*	69 Chrysene-d12	240	18.246	18.221	(1.000)	530706	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	18.278	18.258	(1.002)	49950	1.28742	25.75 (M)
	72 bis(2-Ethylhexyl)phthalate	149	18.604	18.578	(0.952)	122565	5.40246 (B)	108.0
*	134 Di-n-octylphthalate-d4	153	19.534	19.503	(1.000)	720058	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	19.859	19.818	(0.975)	37427	0.98163 LDL	19.63 (M)
	75 Benzo(k)fluoranthene	252	19.875	19.850	(0.976)	29195	0.72485	14.50 (M)
	76 Benzo(a)pyrene	252	20.287	20.245	(0.996)	24574	0.72372	14.47 (H)
*	77 Perylene-d12	264	20.372	20.325	(1.000)	559995	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71h2.d
Lab Smp Id: LR71HRE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

Calibration Date: 01-NOV-2007
Calibration Time: 14:35

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	164152	12.91
27 Naphthalene-d8	530525	265262	1061050	605587	14.15
42 Acenaphthene-d10	280701	140350	561402	309756	10.35
59 Phenanthrene-d10	391934	195967	783868	442675	12.95
69 Chrysene-d12	354658	177329	709316	530706	49.64
134 Di-n-octylphthala	506314	253157	1012628	720058	42.22
77 Perylene-d12	400782	200391	801564	559995	39.73

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.82	0.06
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.01
42 Acenaphthene-d10	11.68	11.18	12.18	11.68	-0.01
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	-0.01
69 Chrysene-d12	18.22	17.72	18.72	18.25	0.14
134 Di-n-octylphthala	19.50	19.00	20.00	19.53	0.16
77 Perylene-d12	20.33	19.83	20.83	20.37	0.23

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

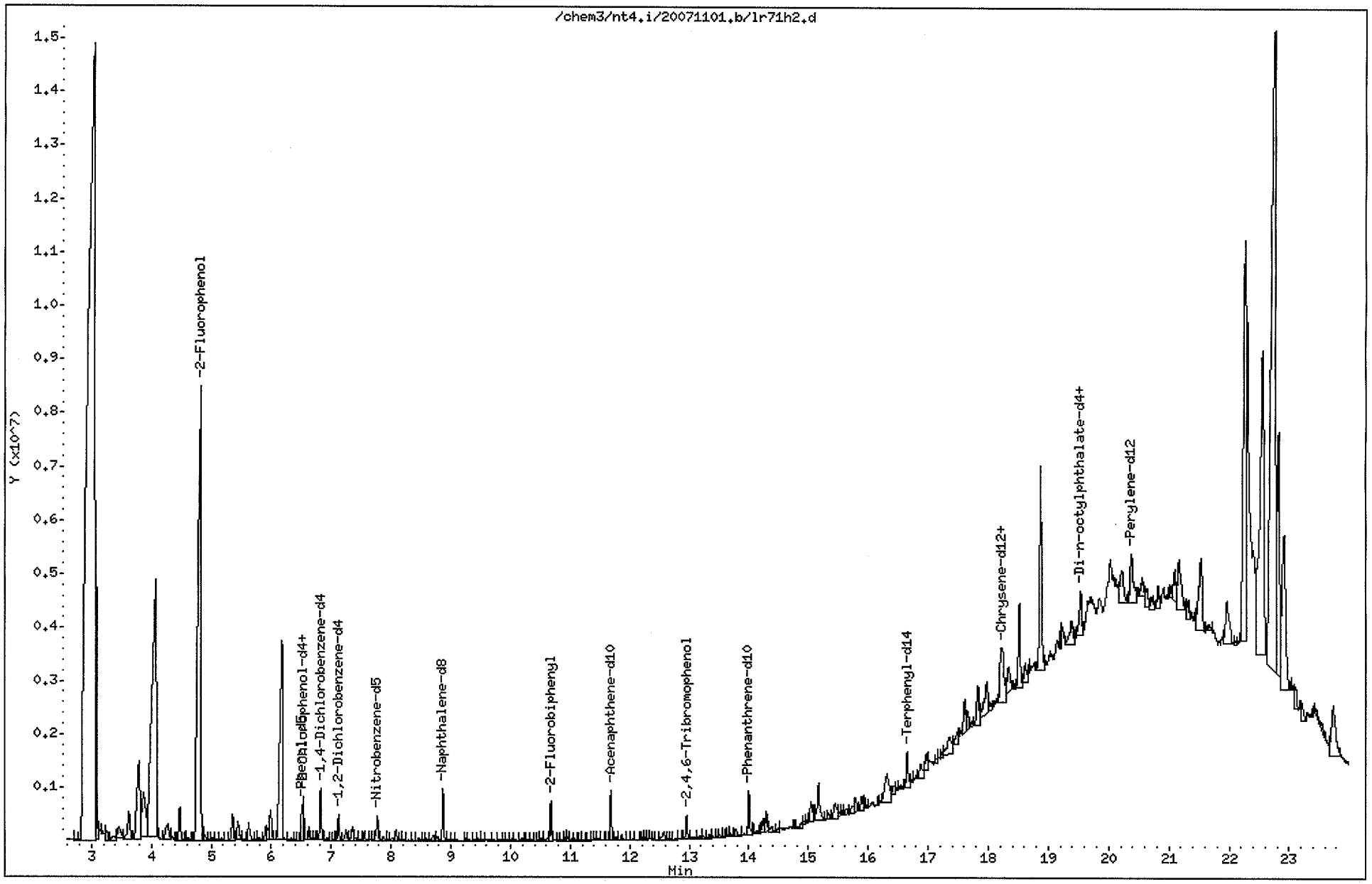
RECOVERY REPORT

Client Name:
Client SDG: 20071101
Sample Matrix: SOLID
Fraction: SV
Lab Smp Id: LR71HRE
Level: LOW
Operator: VTS
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: PSDDALCS.spk
Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	347.1	46.28	11-84
$ 2 Phenol-d5	750.0	421.5	56.19	25-86
$ 5 2-Chlorophenol-d4	750.0	418.4	55.79	23-91
$ 10 1,2-Dichlorobenzen	500.0	260.5	52.10	24-90
$ 18 Nitrobenzene-d5	500.0	282.0	56.41	26-88
$ 36 2-Fluorobiphenyl	500.0	292.7	58.54	34-91
$ 55 2,4,6-Tribromophen	750.0	444.3	59.24	25-107
$ 66 Terphenyl-d14	500.0	272.5	54.49	22-100

Data File: /chem3/nt4.i/20071101.b/lr71h2.d
Date : 01-NOV-2007 20:50
Client ID:
Sample Info: LR71HRE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32



0518

Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

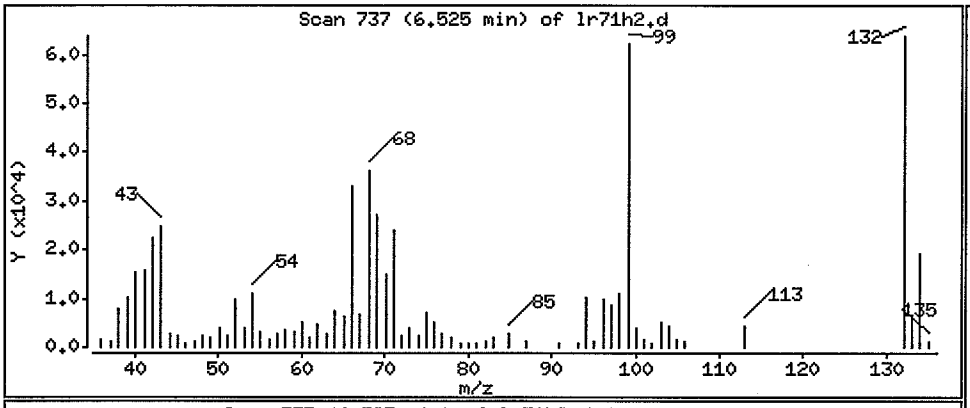
Operator: VTS

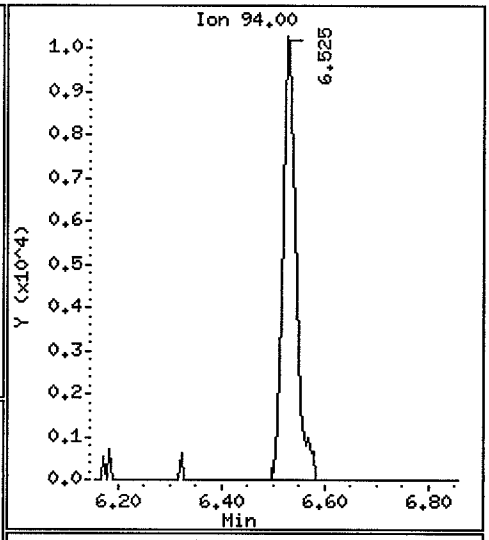
Column phase: ZB-5

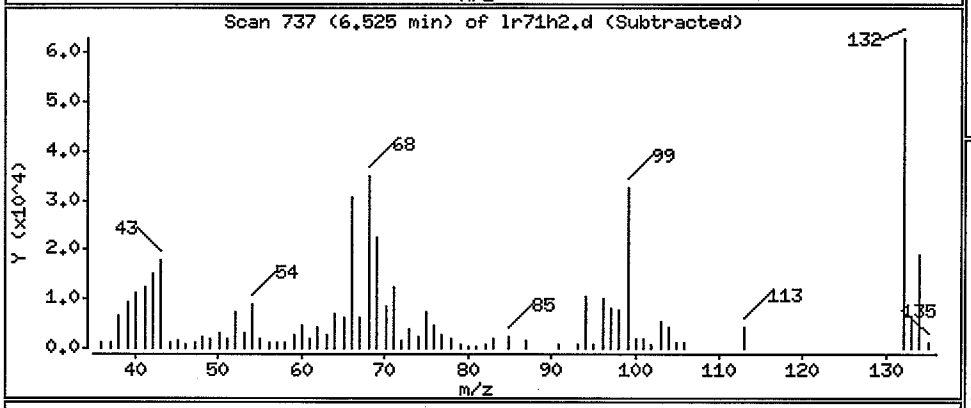
Column diameter: 0.32

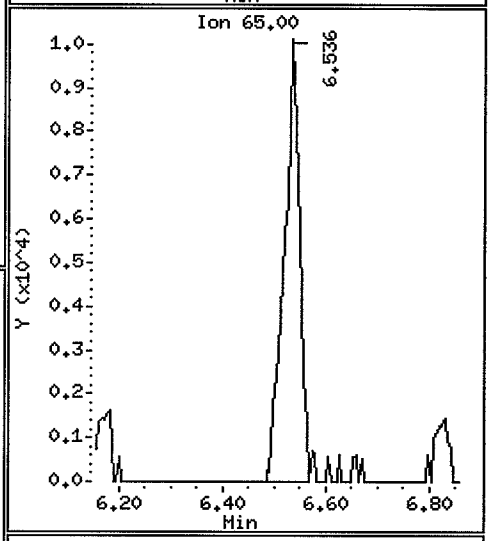
3 Phenol

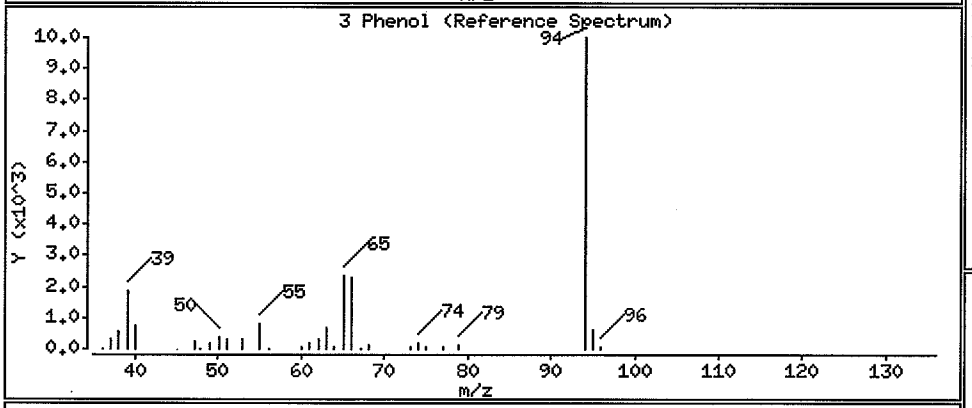
Concentration: 20.13 ug/Kg

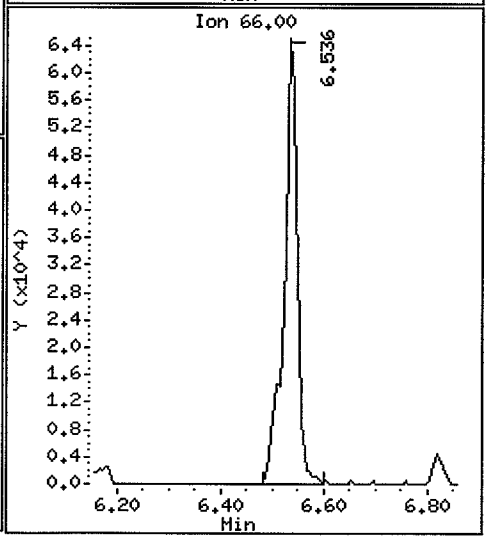


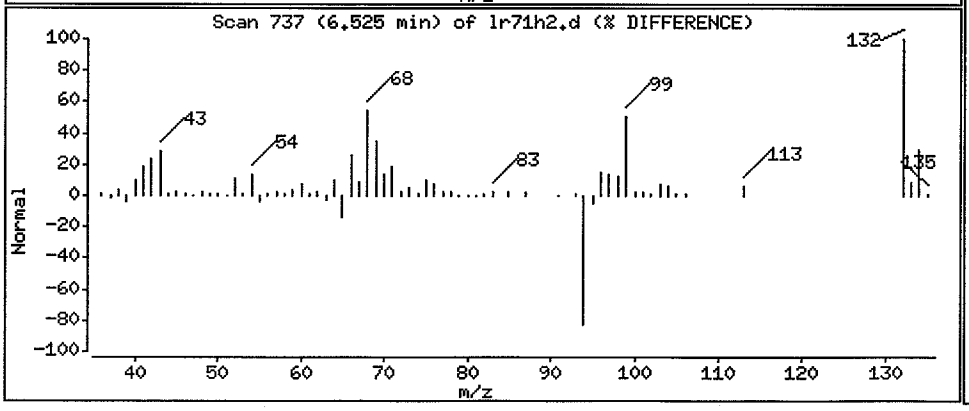












Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

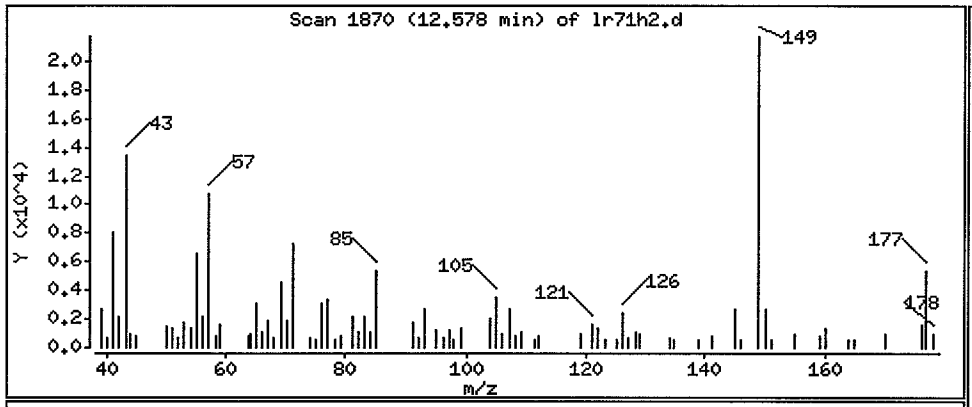
Operator: VTS

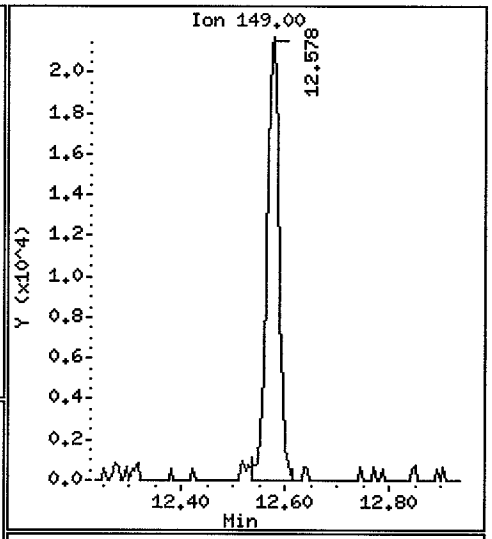
Column phase: ZB-5

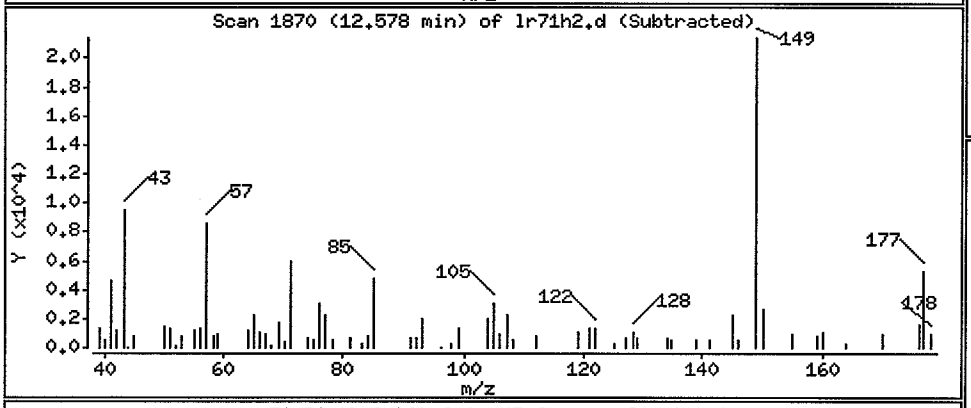
Column diameter: 0.32

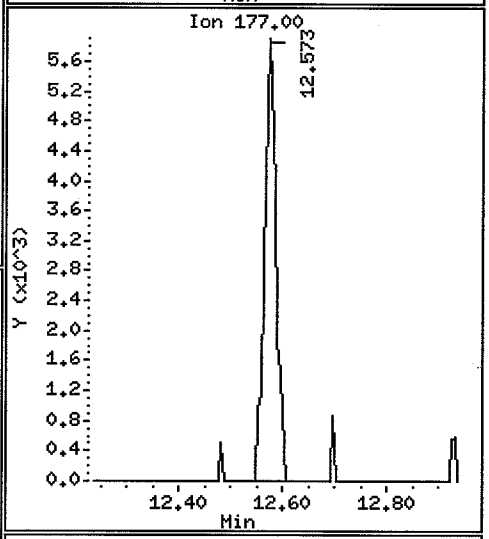
50 Diethylphthalate

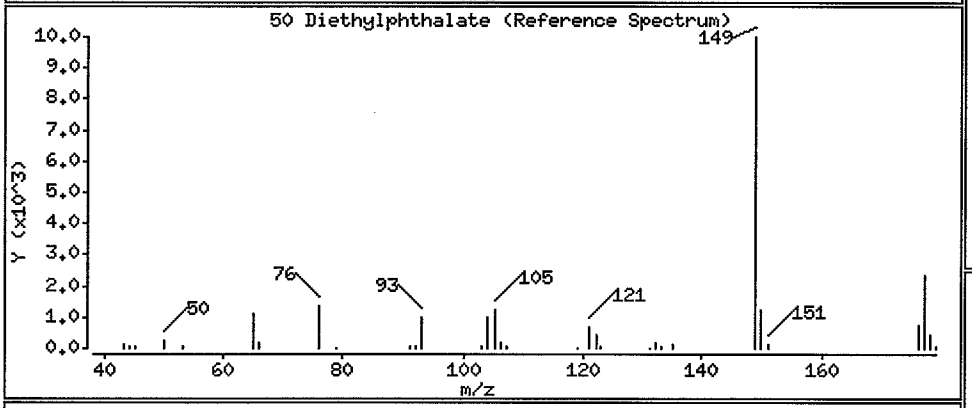
Concentration: 32.98 ug/Kg

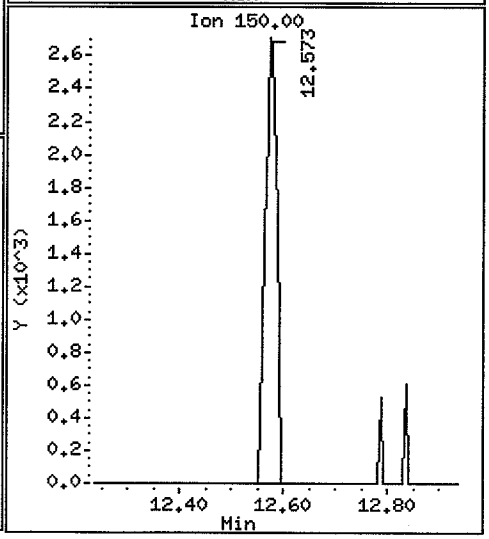


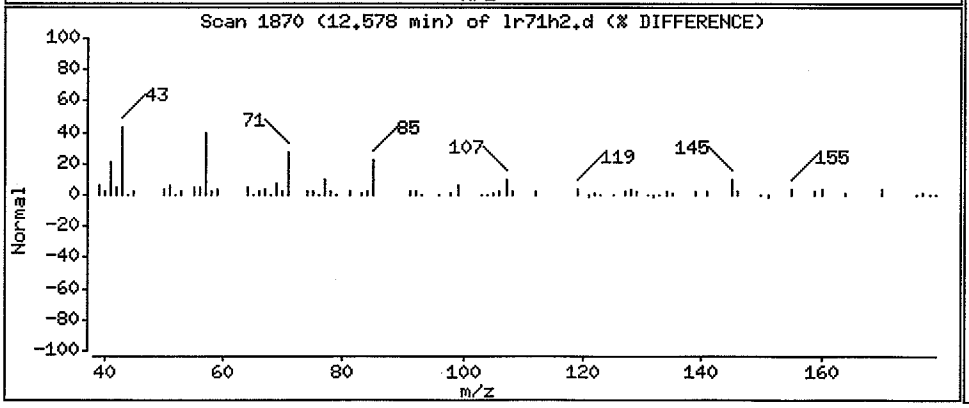












Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

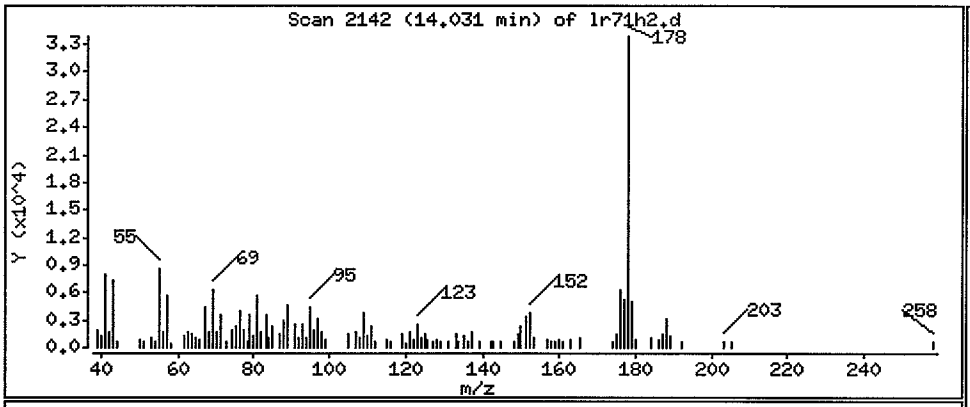
Operator: VTS

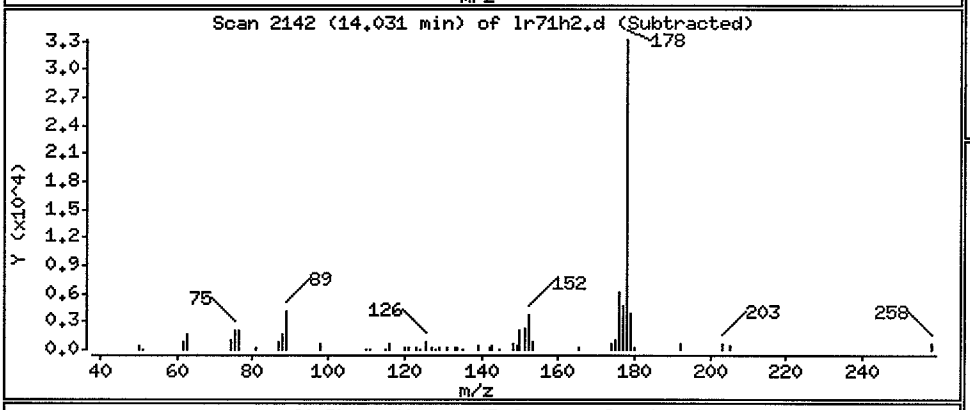
Column phase: ZB-5

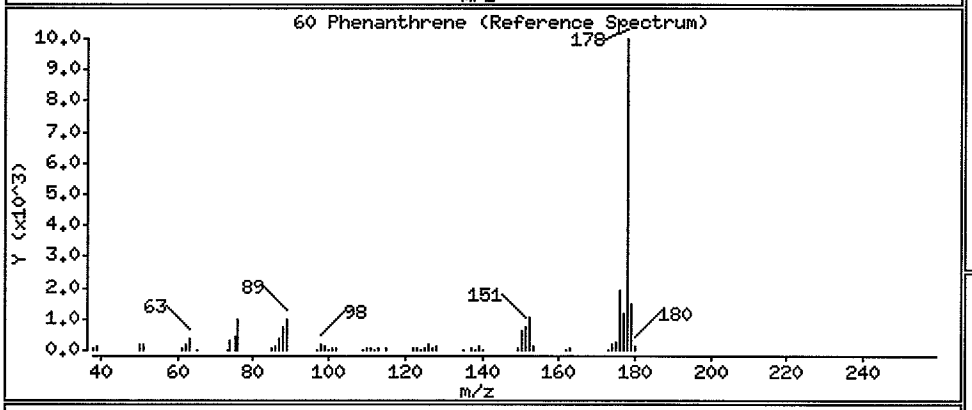
Column diameter: 0.32

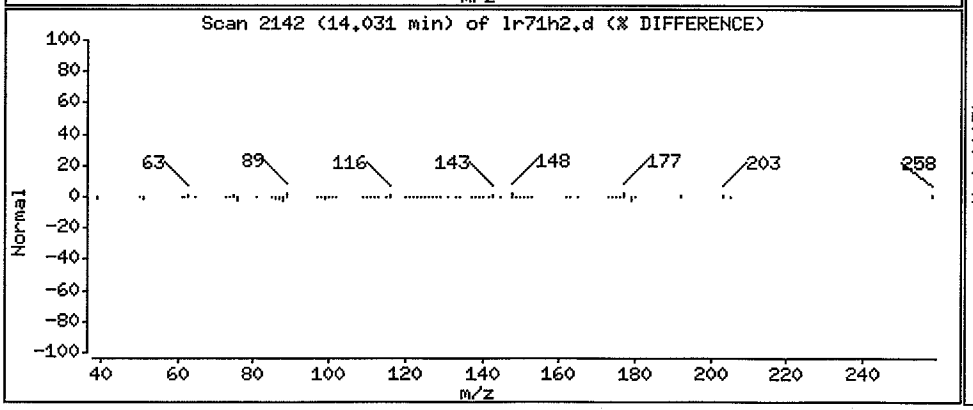
60 Phenanthrene

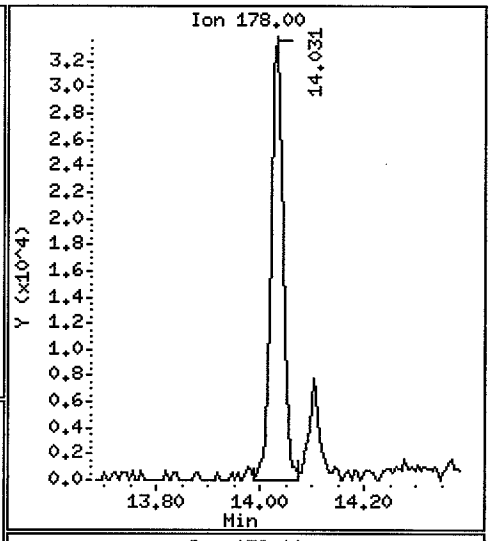
Concentration: 34.55 ug/Kg

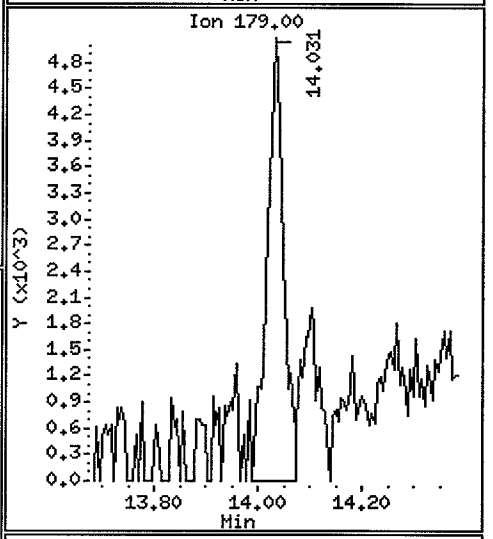


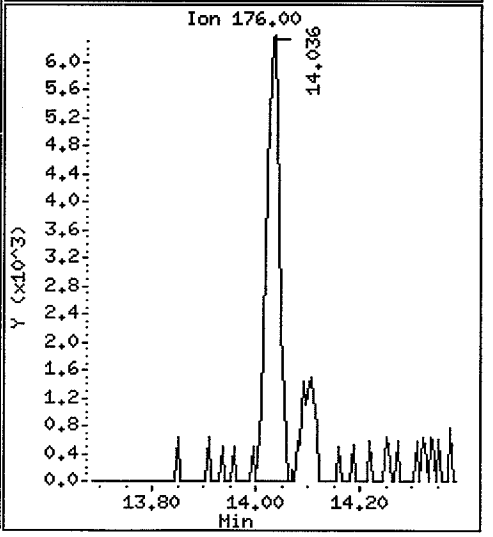












Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

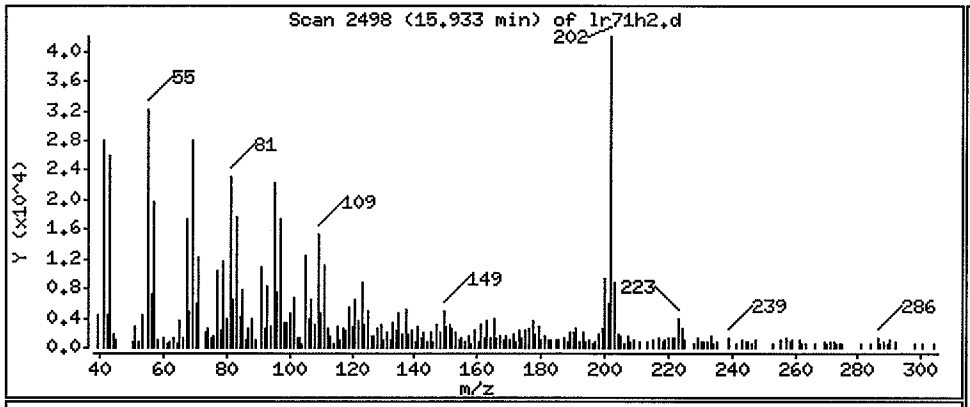
Operator: VTS

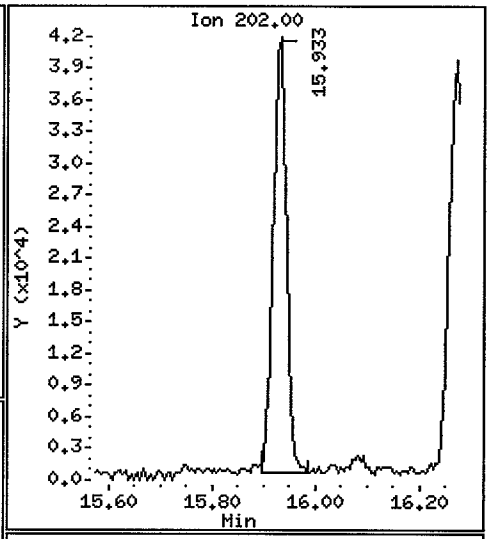
Column phase: ZB-5

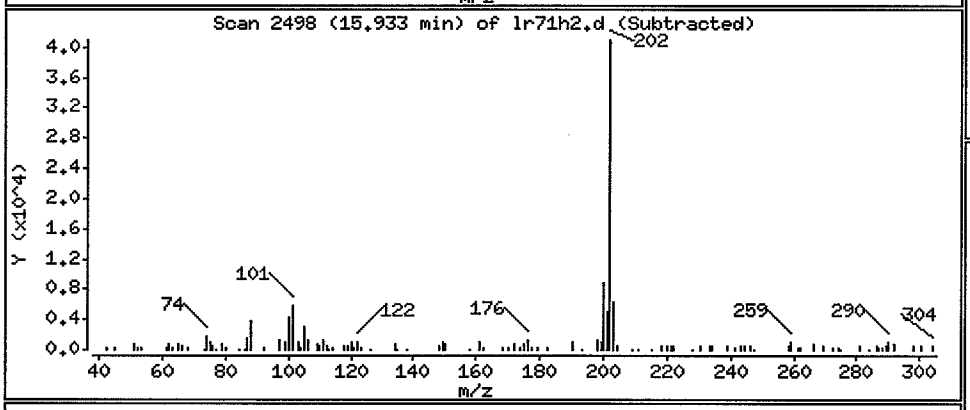
Column diameter: 0.32

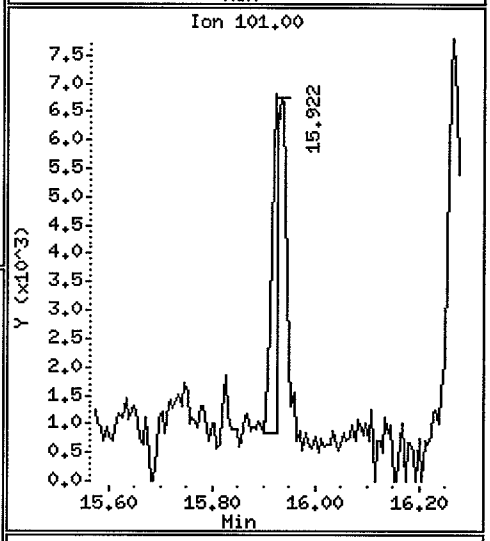
64 Fluoranthene

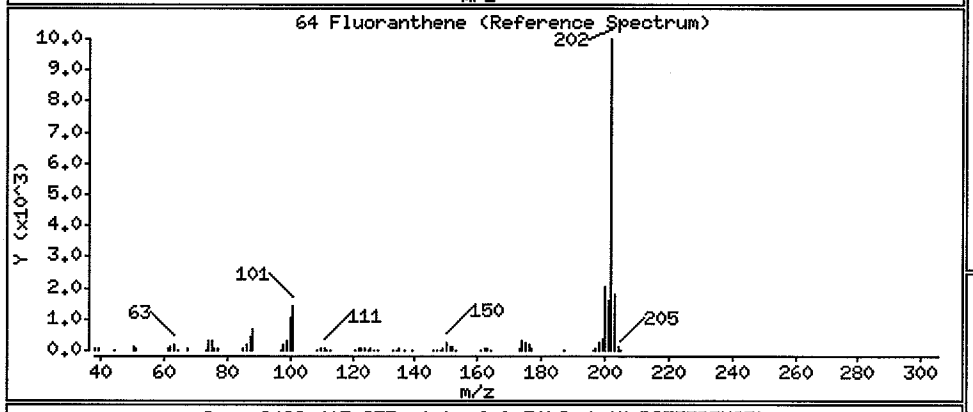
Concentration: 43.99 ug/Kg

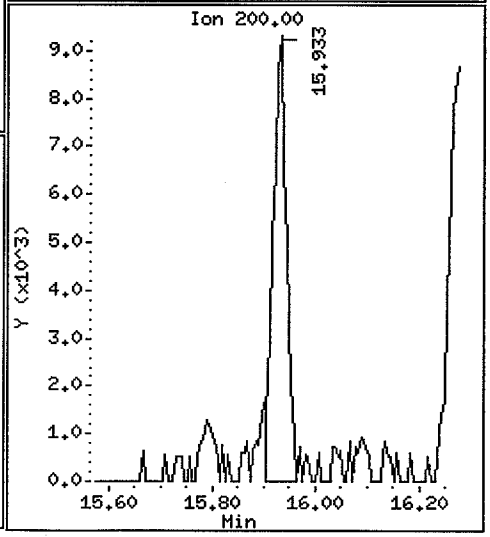


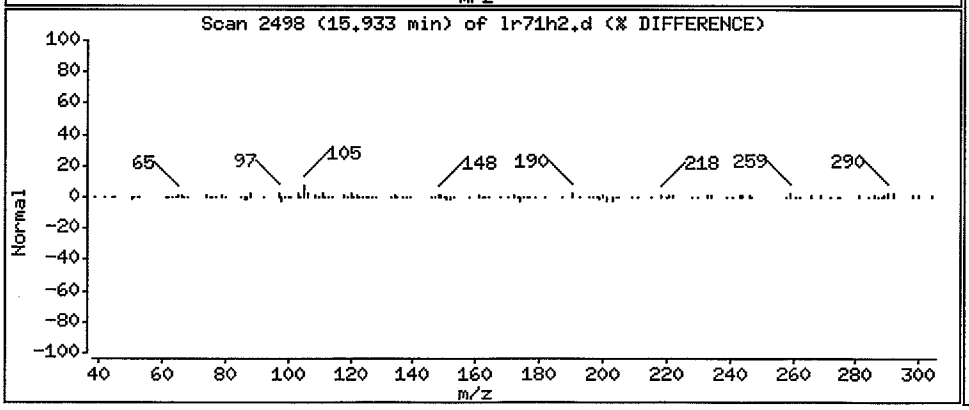












Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

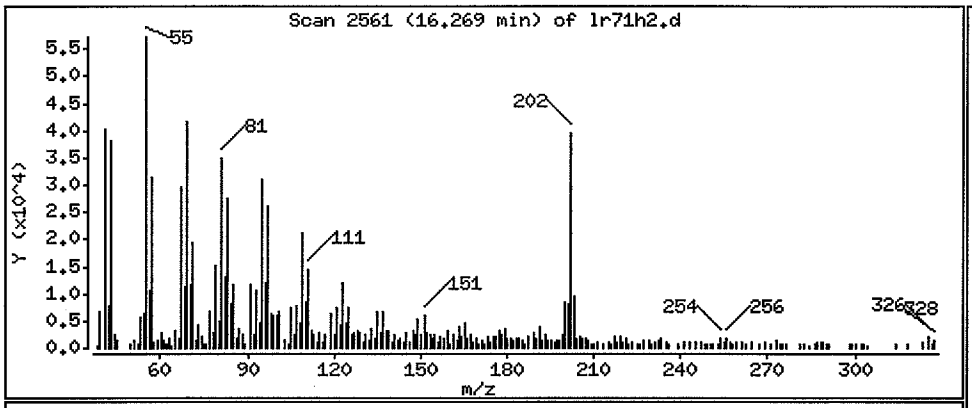
Operator: VTS

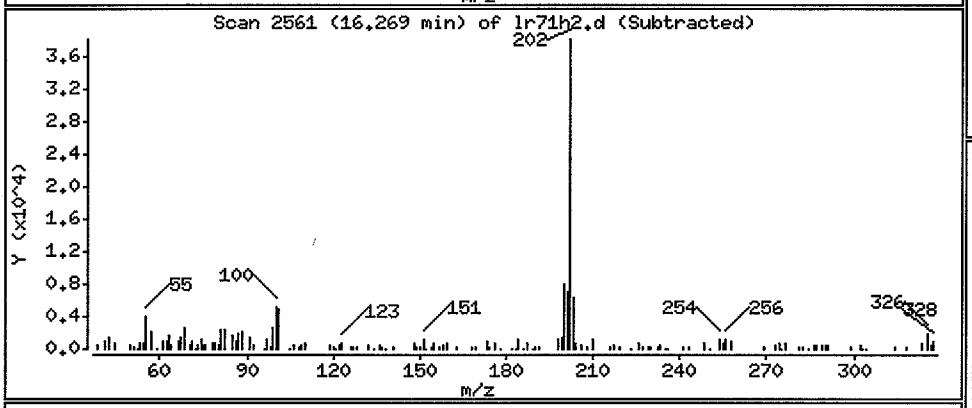
Column phase: ZB-5

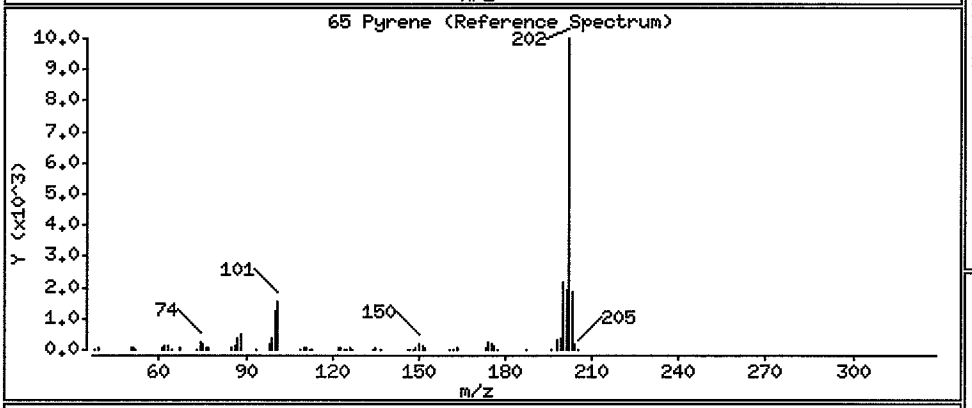
Column diameter: 0.32

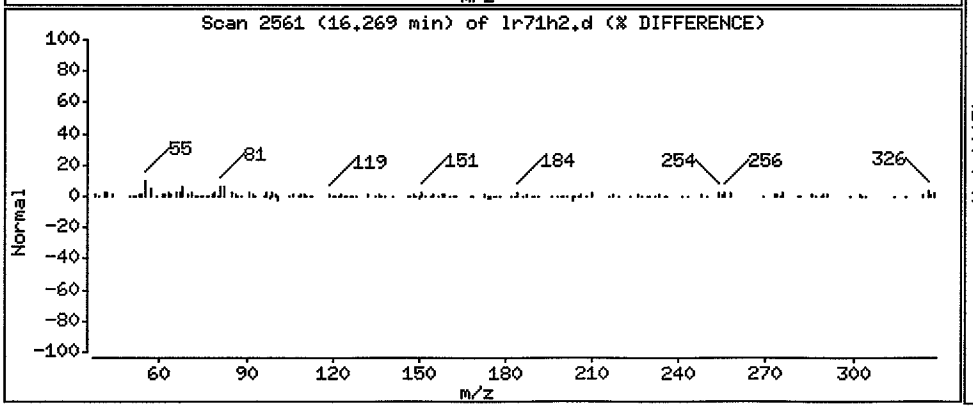
65 Pyrene

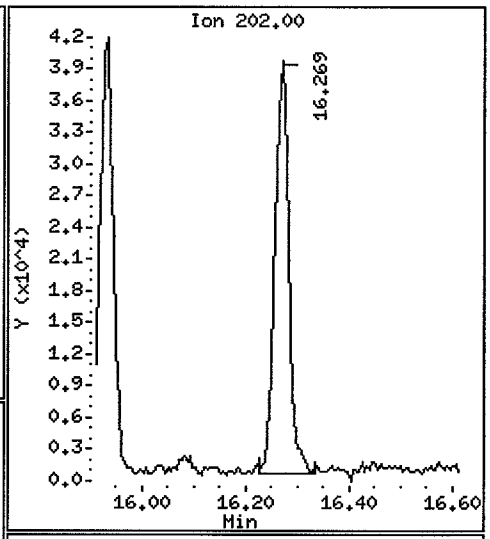
Concentration: 33.54 ug/Kg

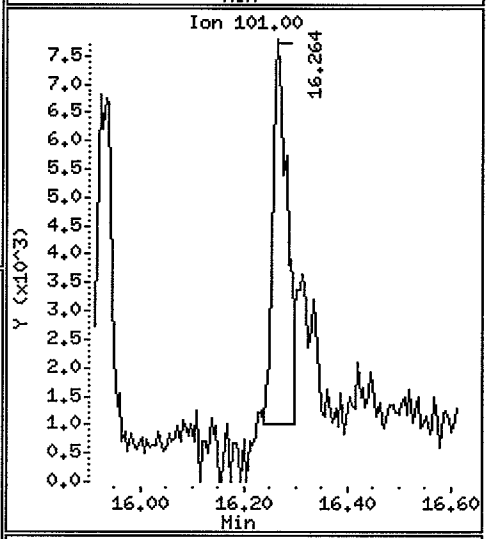


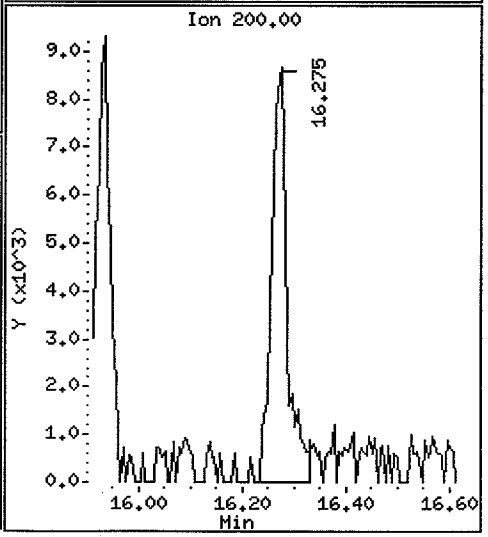












Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

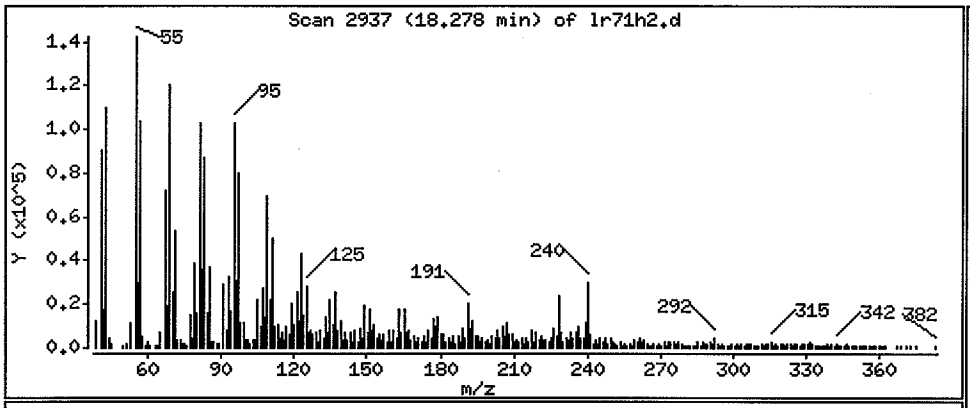
Operator: VTS

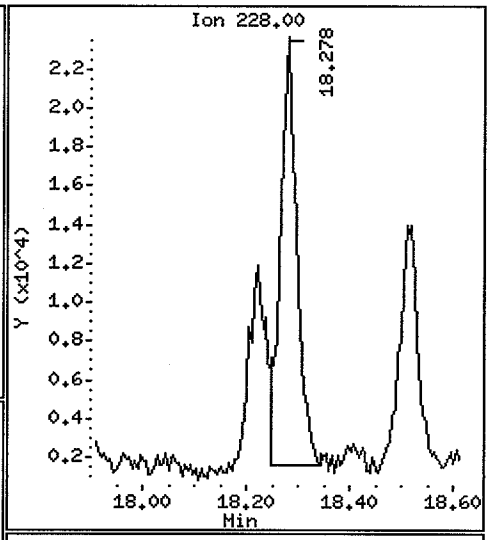
Column phase: ZB-5

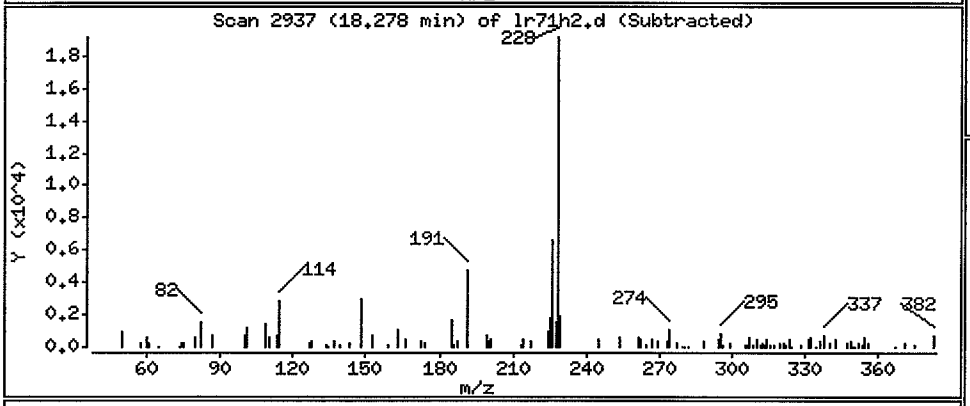
Column diameter: 0.32

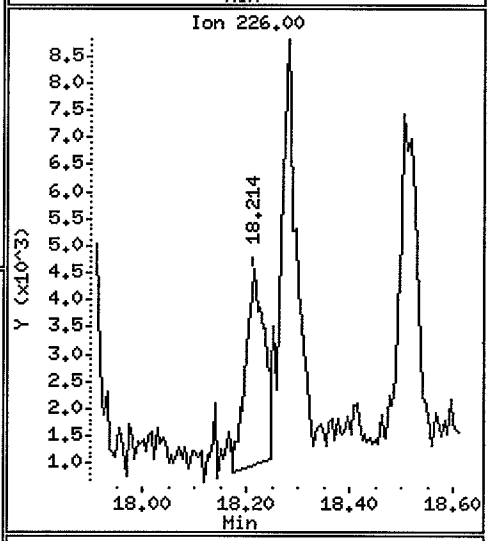
71 Chrysene

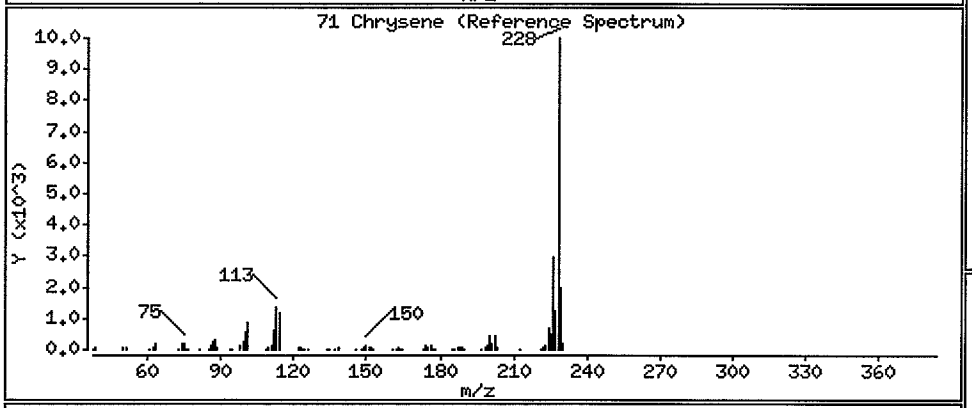
Concentration: 25.75 ug/Kg

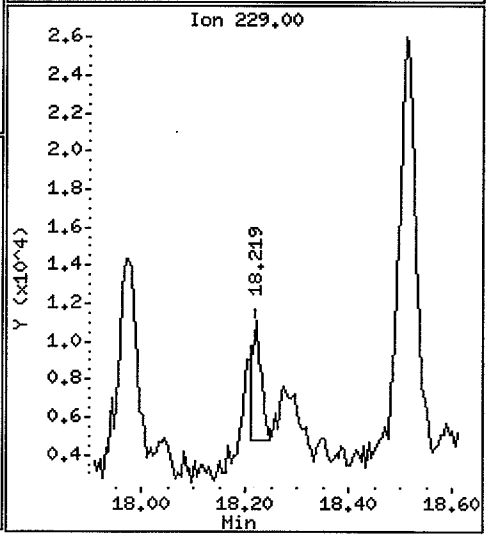


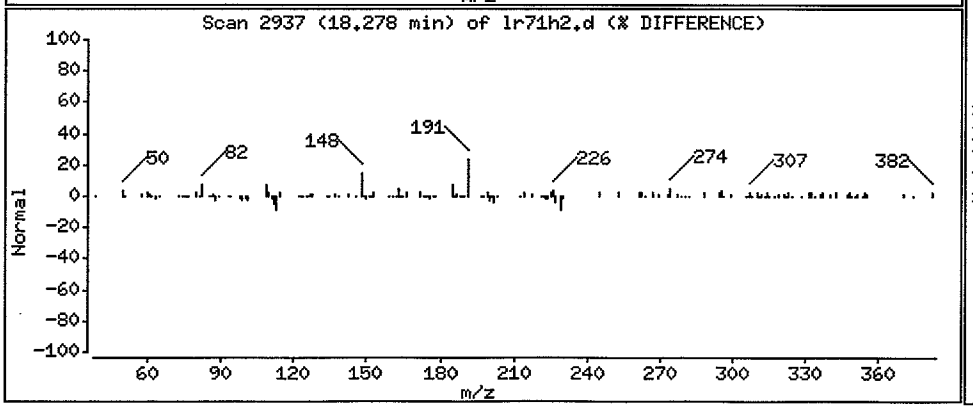












Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

Operator: VTS

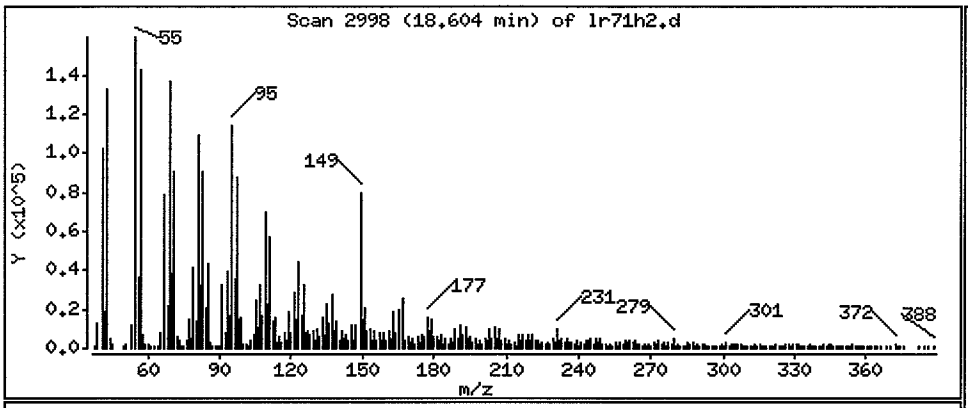
Column phase: ZB-5

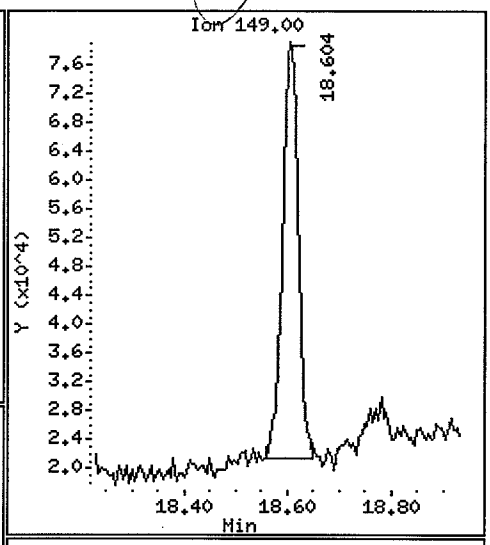
Column diameter: 0.32

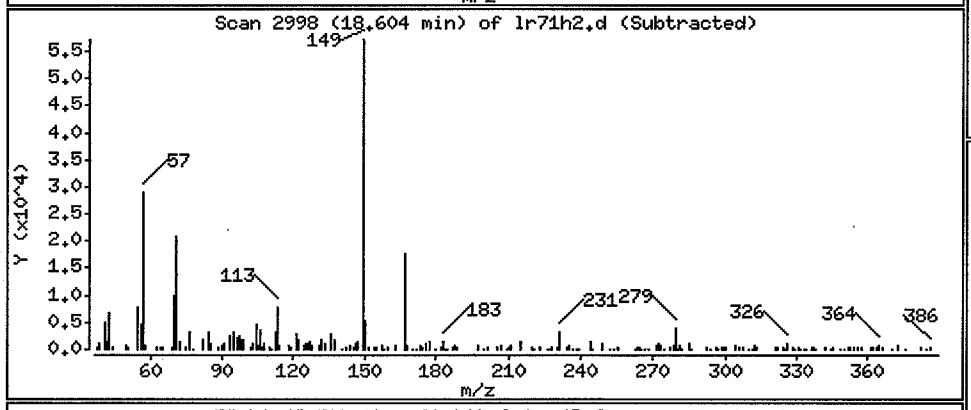
72 bis(2-Ethylhexyl)phthalate

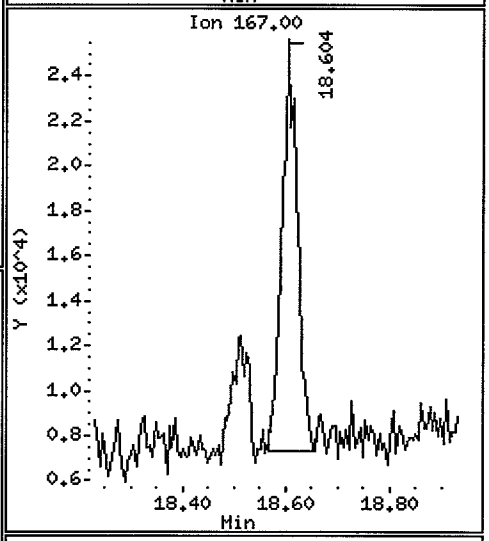
Concentration: 108.0 ug/Kg

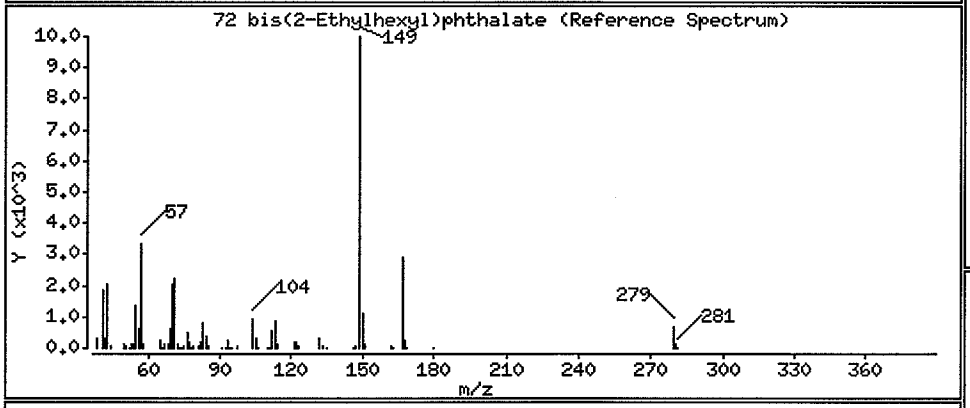
B

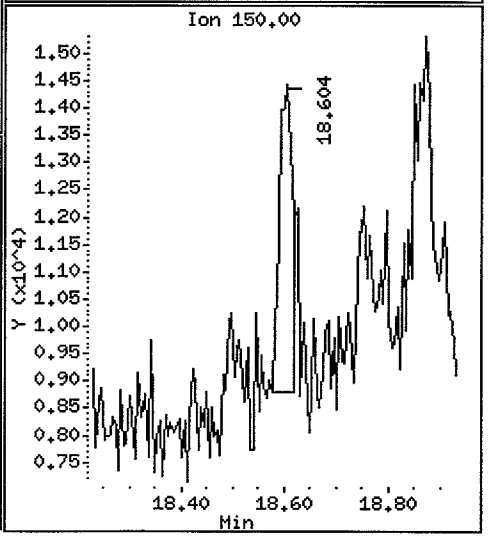


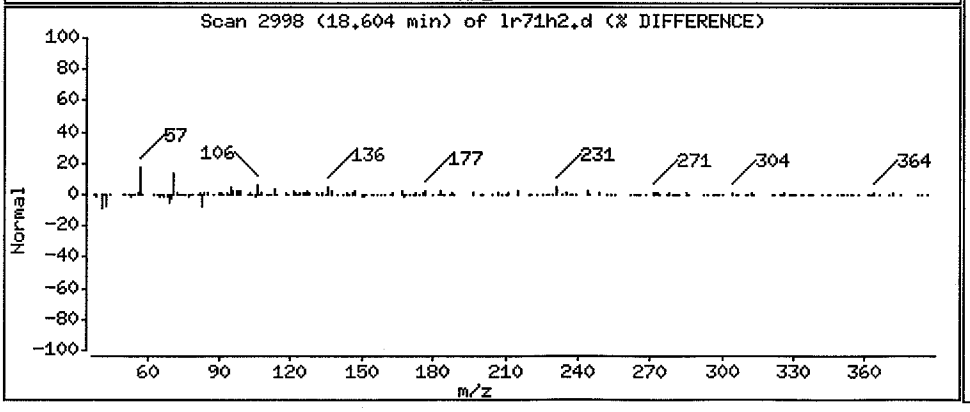












Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

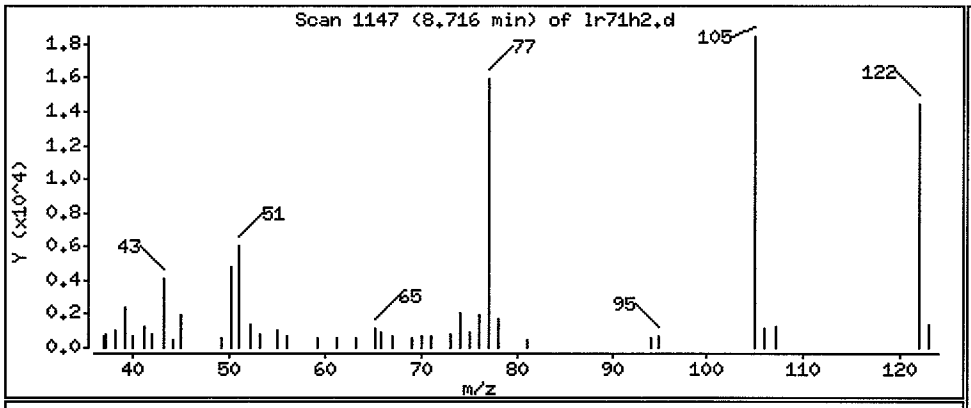
Operator: VTS

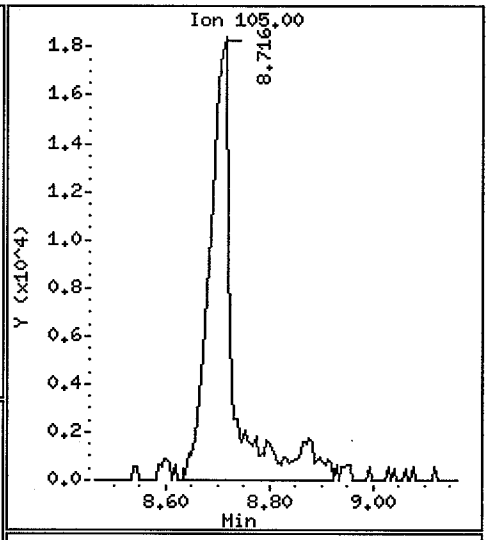
Column phase: ZB-5

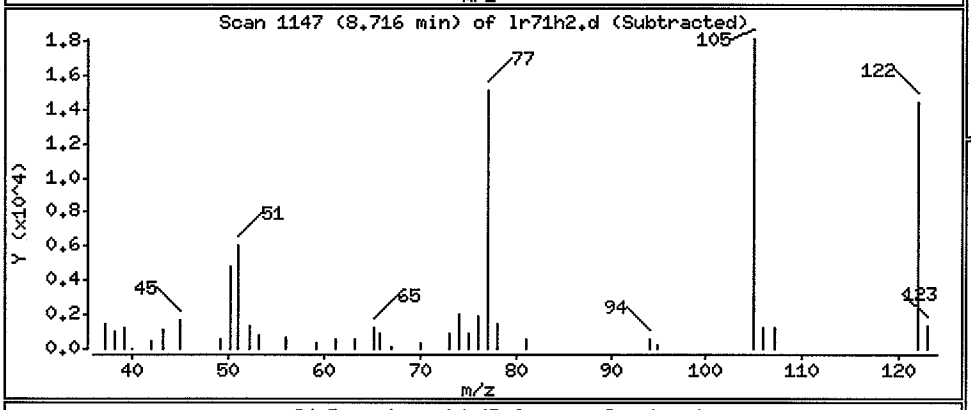
Column diameter: 0.32

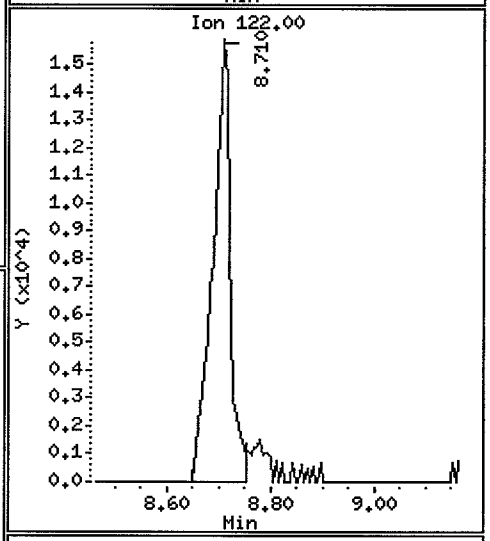
24 Benzoic acid

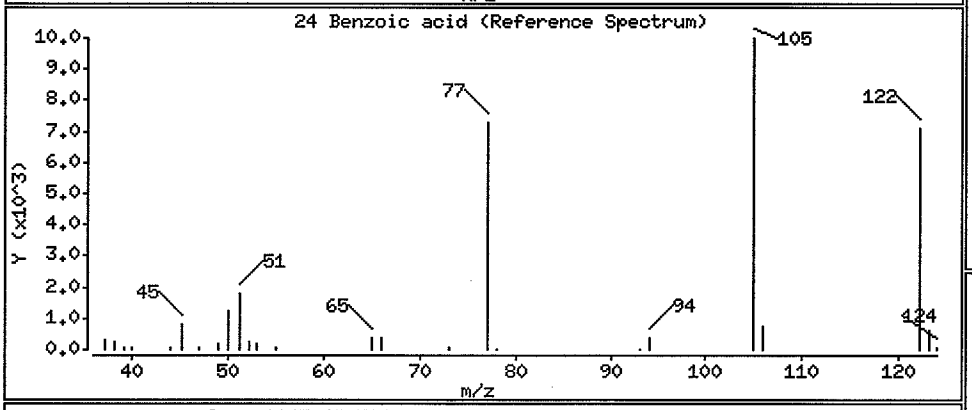
Concentration: 116.5 ug/Kg

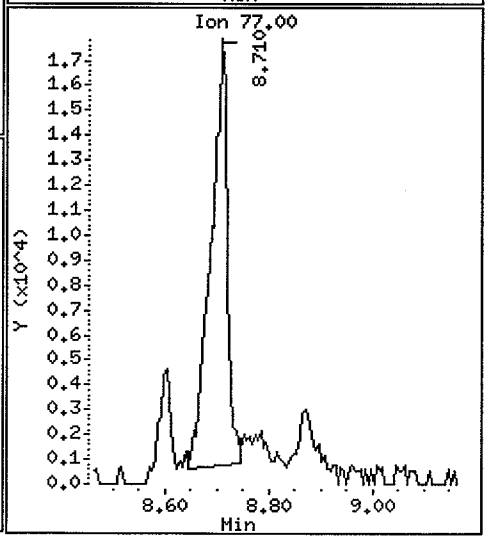


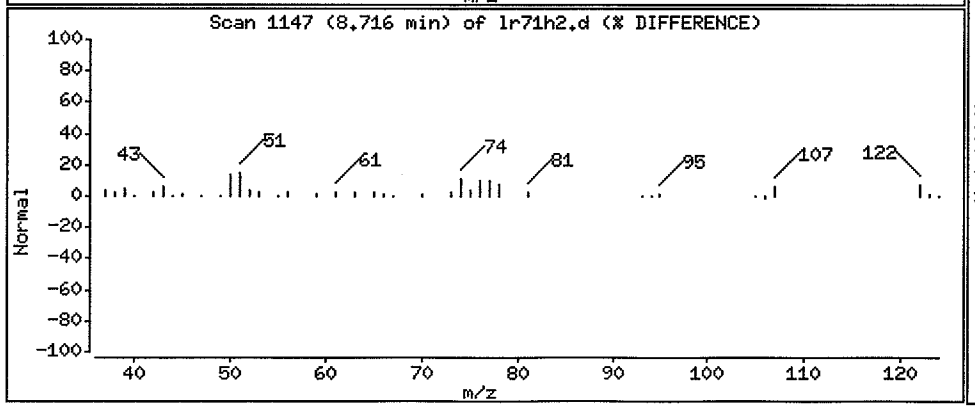












Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

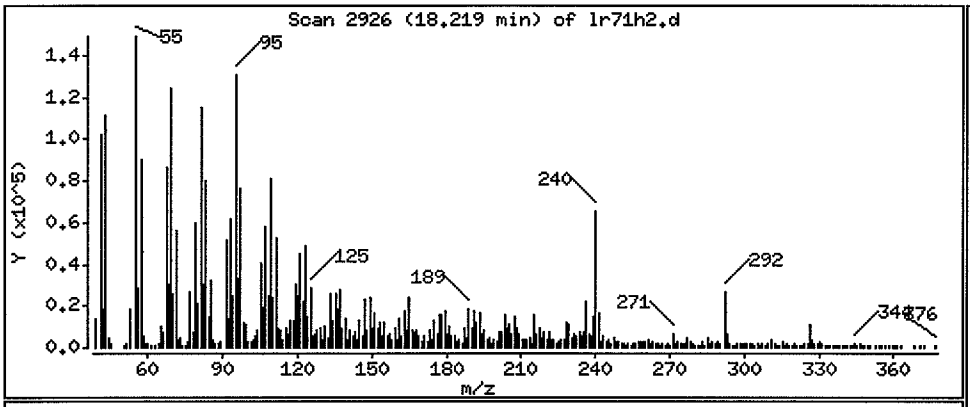
Operator: VTS

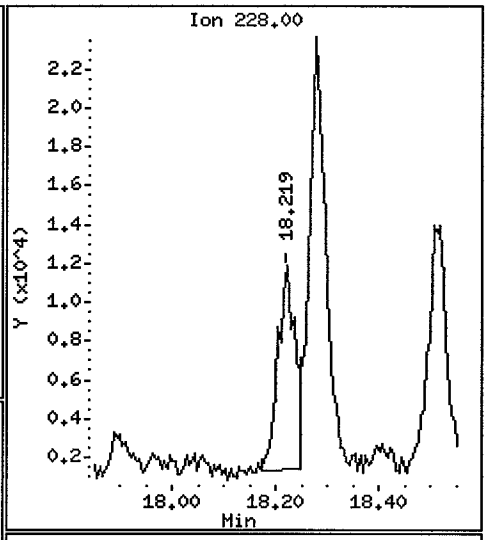
Column phase: ZB-5

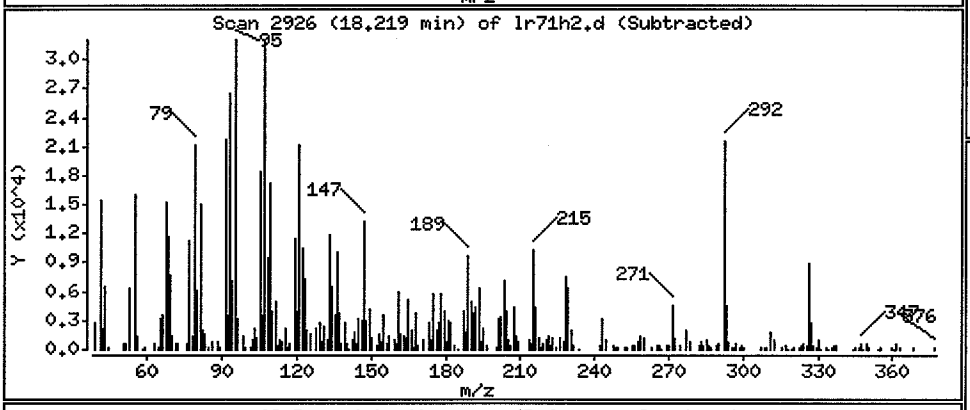
Column diameter: 0.32

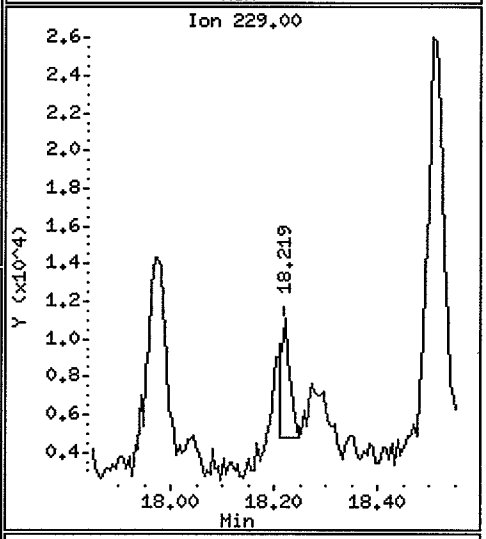
68 Benzo(a)anthracene

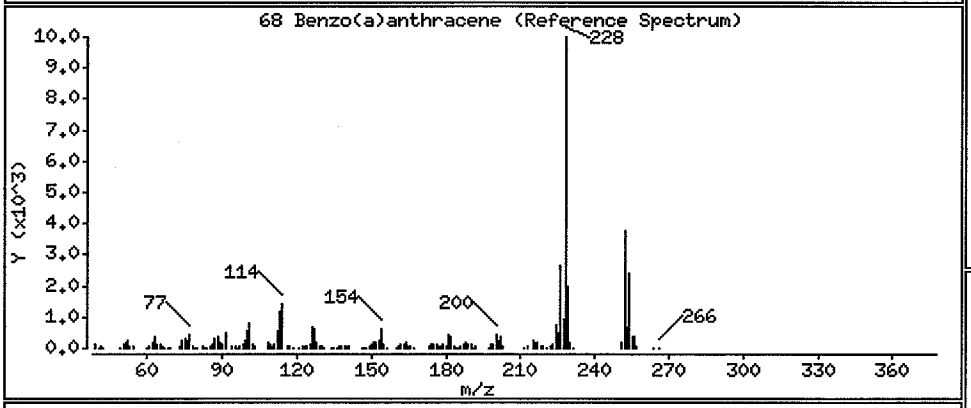
Concentration: 12.44 ug/Kg

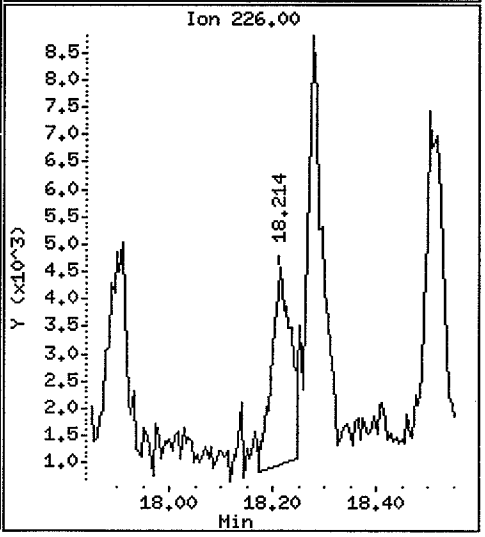


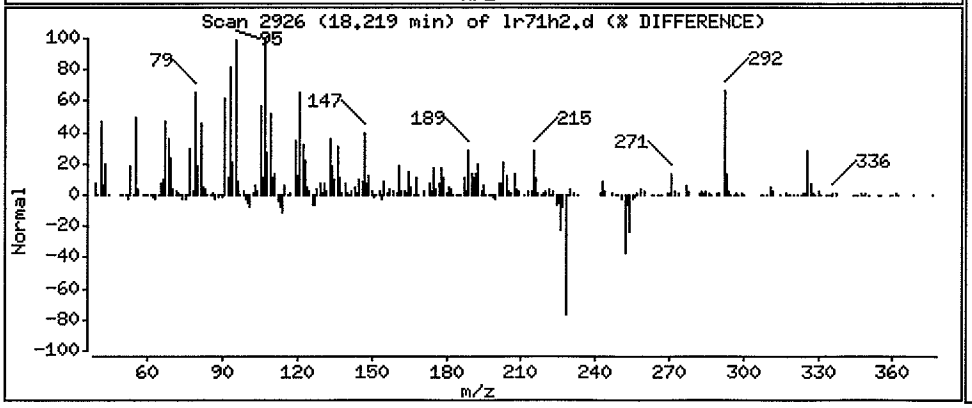












Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

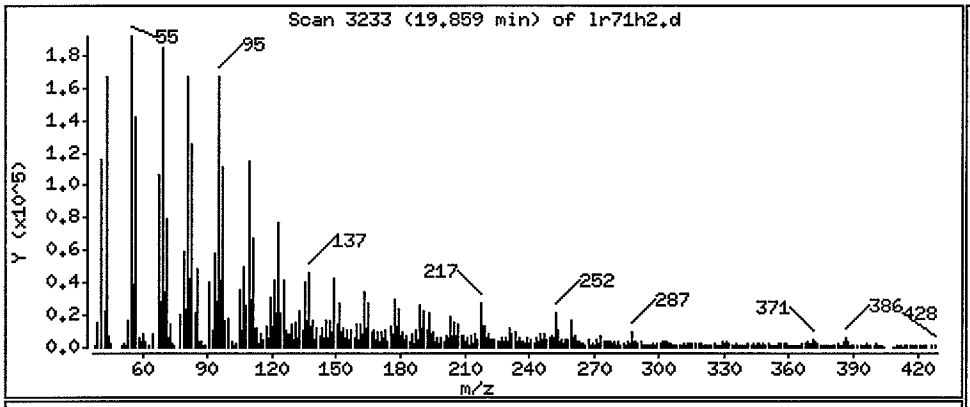
Operator: VTS

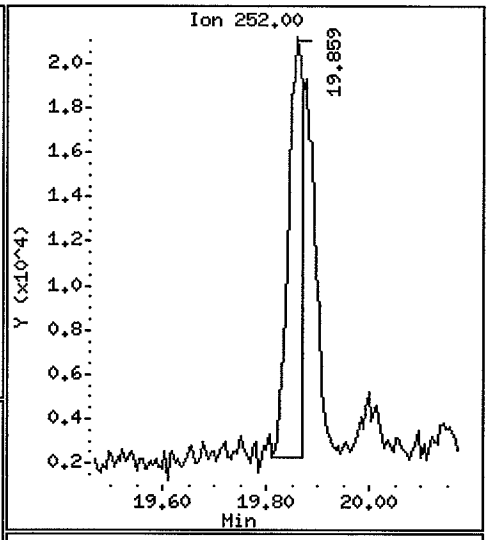
Column phase: ZB-5

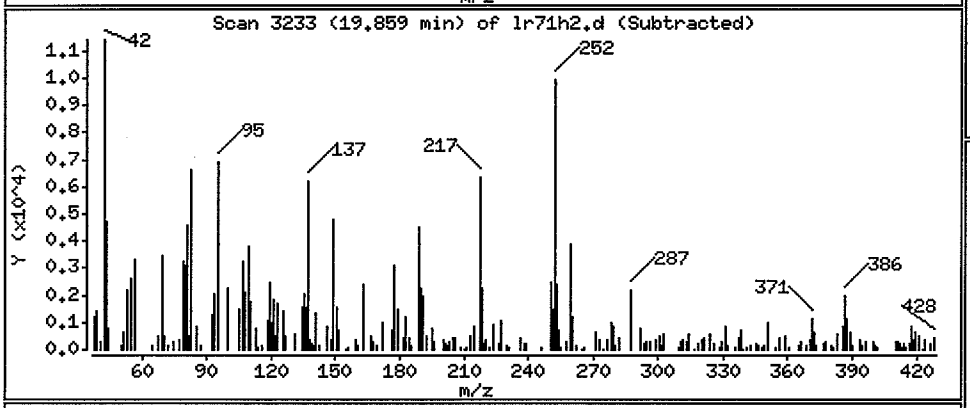
Column diameter: 0.32

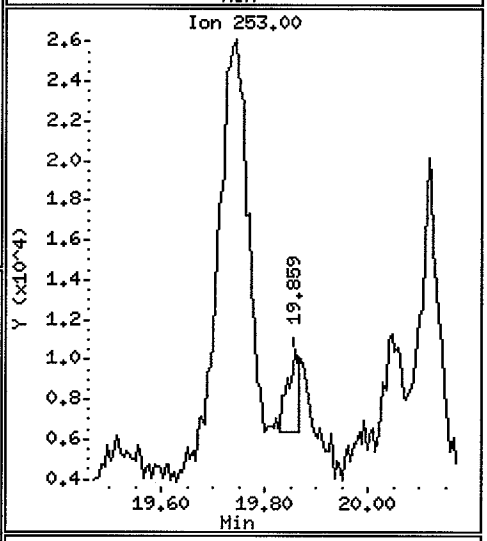
74 Benzo(b)fluoranthene

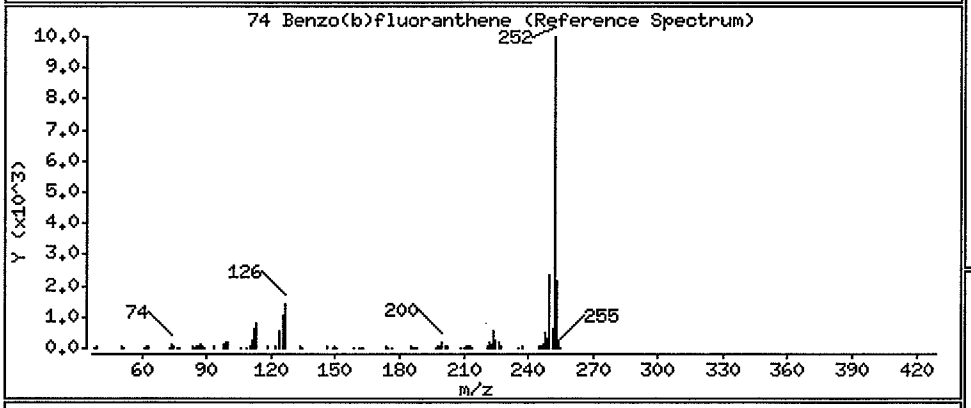
Concentration: 19.63 ug/Kg

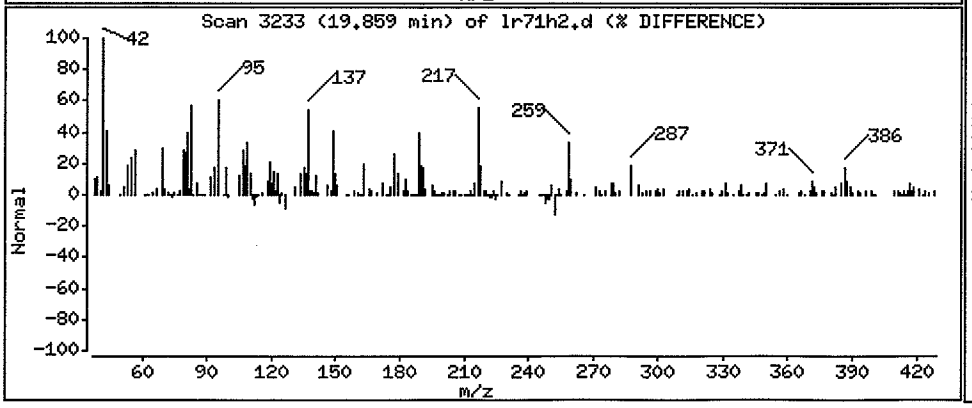


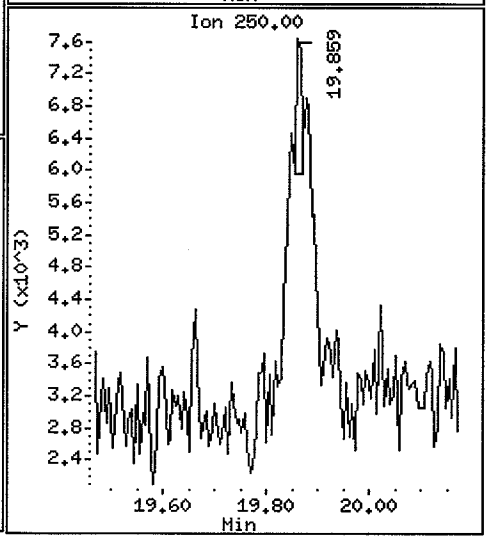












Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

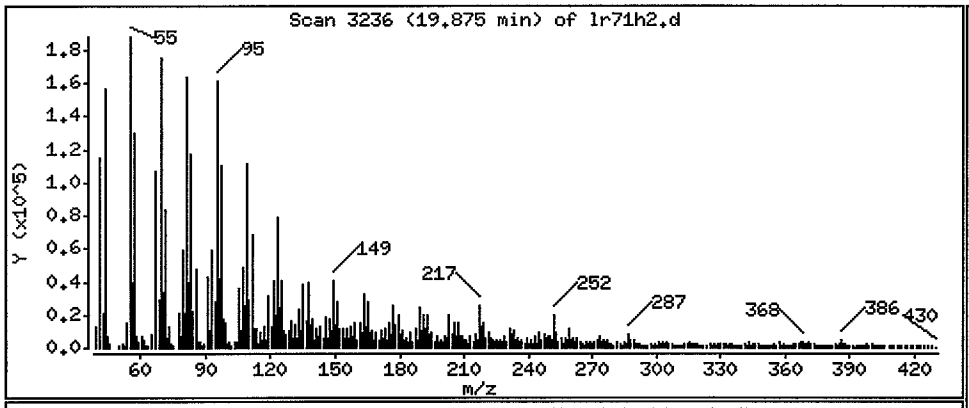
Operator: VTS

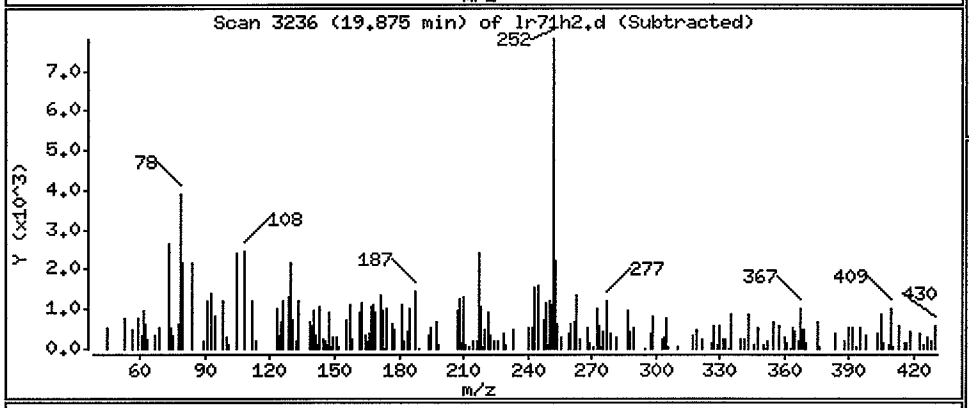
Column phase: ZB-5

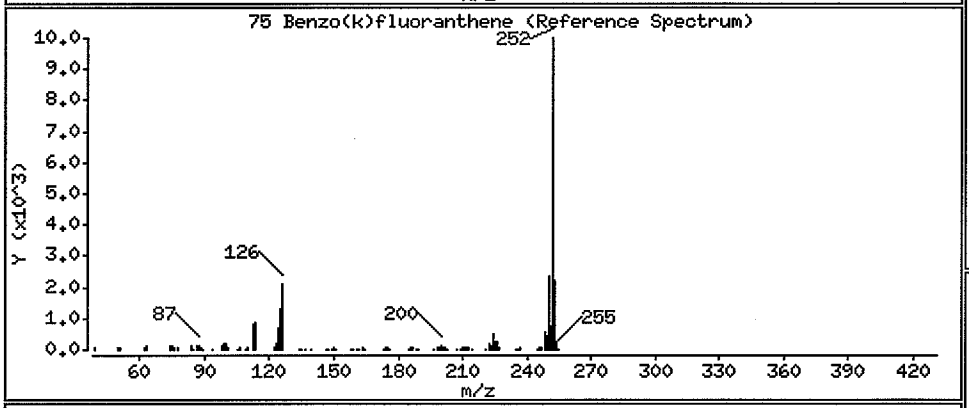
Column diameter: 0.32

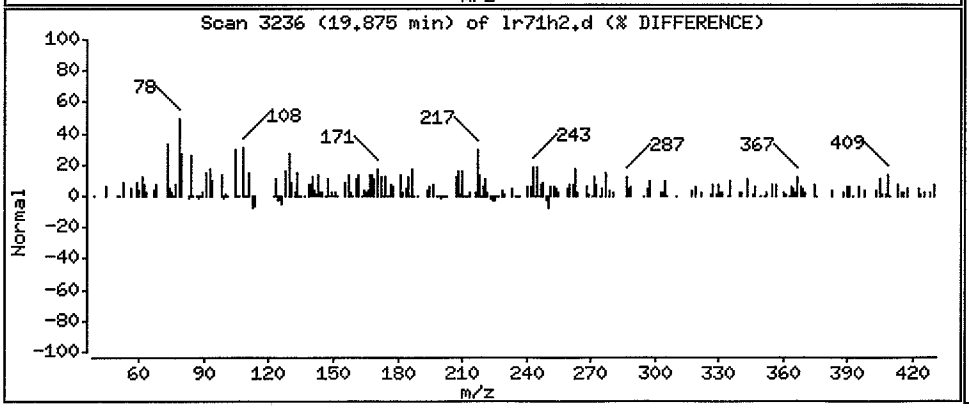
75 Benzo(k)fluoranthene

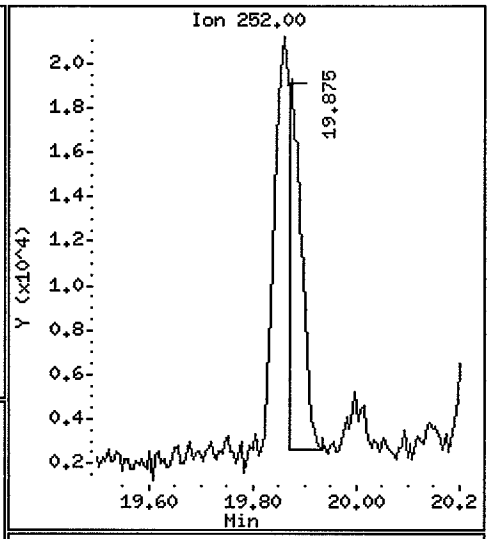
Concentration: 14.50 ug/Kg

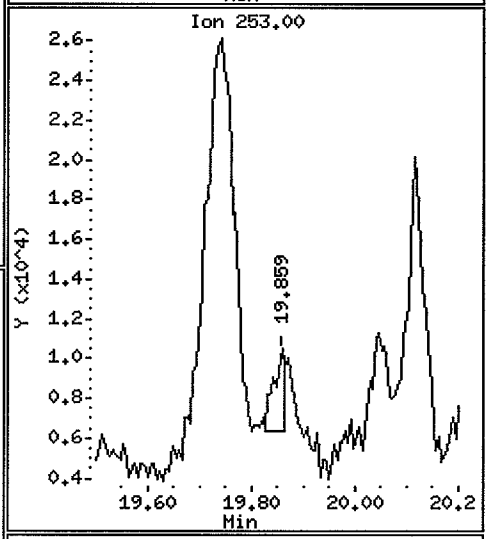


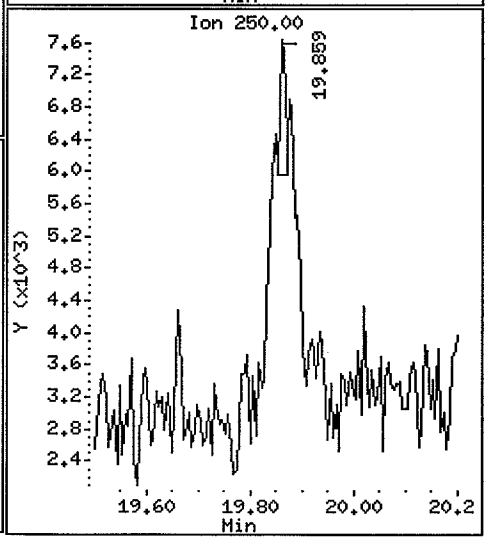












Data File: /chem3/nt4.i/20071101.b/lr71h2.d

Date : 01-NOV-2007 20:50

Client ID:

Instrument: nt4.i

Sample Info: LR71HRE

Volume Injected (uL): 1.0

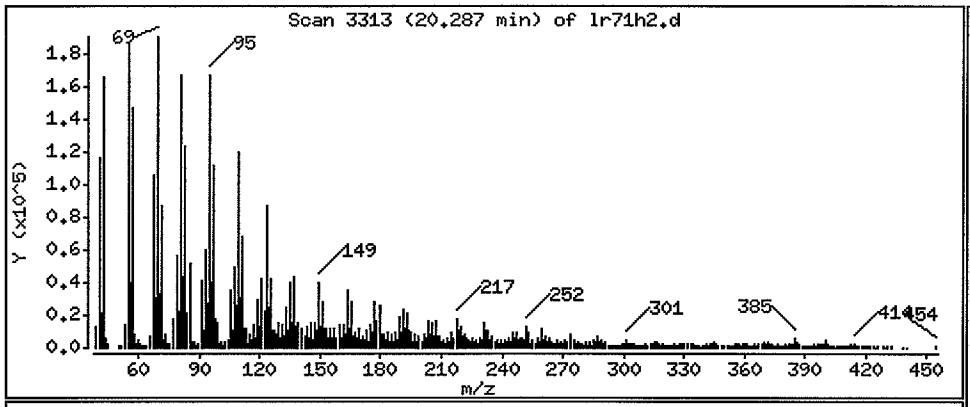
Operator: VTS

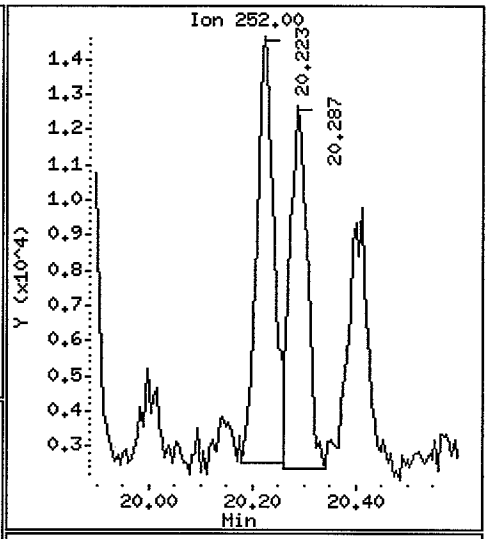
Column phase: ZB-5

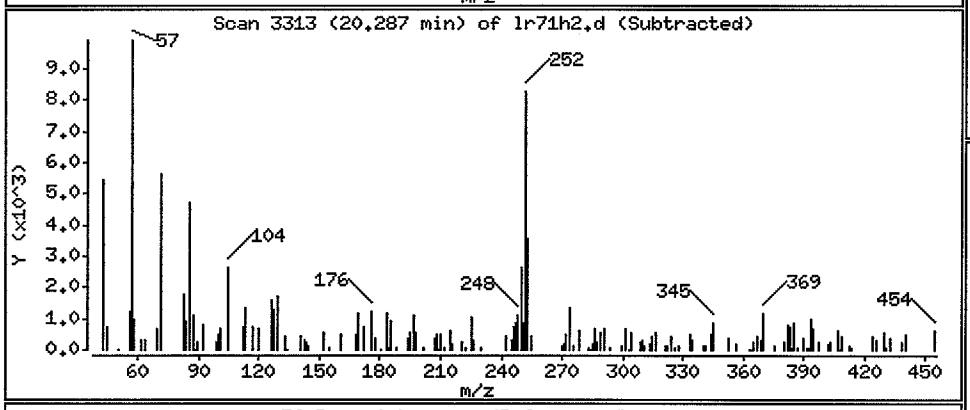
Column diameter: 0.32

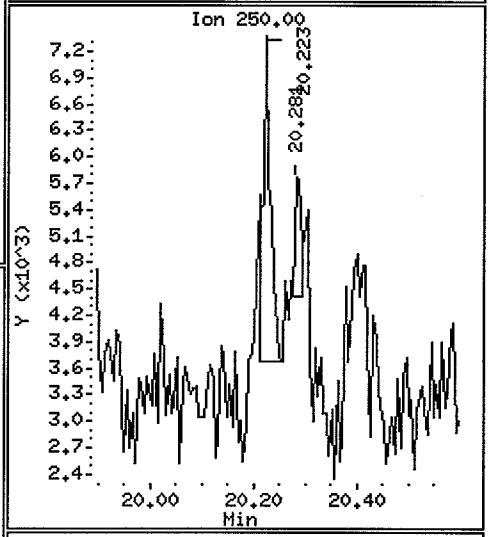
76 Benzo(a)pyrene

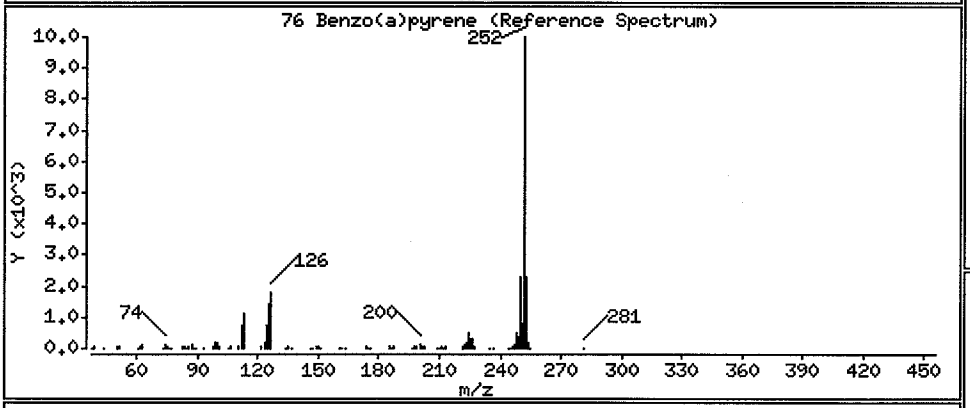
Concentration: 14.47 ug/Kg

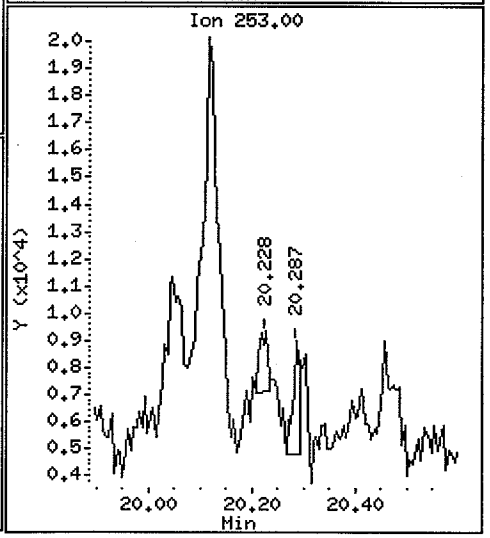


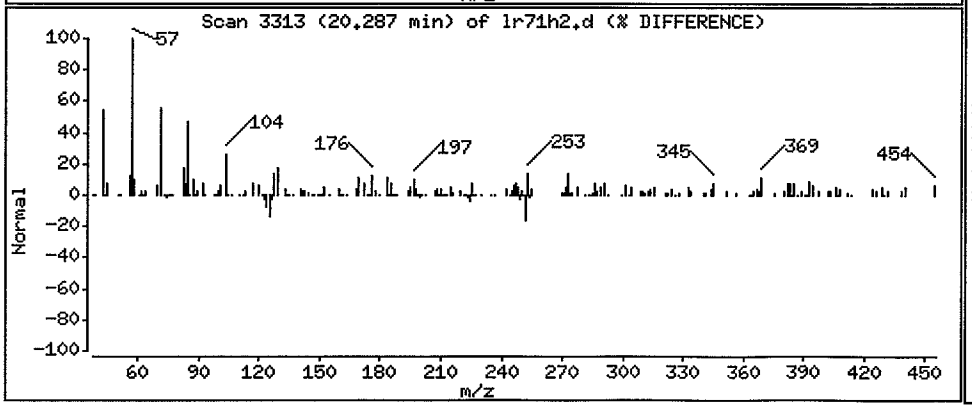












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-05**
Page 1 of 2 **SAMPLE**

Lab Sample ID: LR71I
LIMS ID: 07-20774
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 19:44
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 48.3%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**44**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	**Phenanthrene**	**20**	**39**
120-12-7	Anthracene	20	< 20 U
84-74-2	**Di-n-Butylphthalate**	**20**	**150 M**
206-44-0	**Fluoranthene**	**20**	**210**
129-00-0	**Pyrene**	**20**	**84**
85-68-7	**Butylbenzylphthalate**	**20**	**27 M**
56-55-3	**Benzo(a)anthracene**	**20**	**24**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**30**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**28**
207-08-9	**Benzo(k)fluoranthene**	**20**	**24**
50-32-8	**Benzo(a)pyrene**	**20**	**25**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-05**
Page 2 of 2 **SAMPLE**

Lab Sample ID: LR71I QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20774 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 19:44

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	50.4%	2-Fluorobiphenyl	48.8%
d14-p-Terphenyl	68.4%	d4-1,2-Dichlorobenzene	45.2%
d5-Phenol	52.3%	2-Fluorophenol	62.9%
2,4,6-Tribromophenol	63.2%	d4-2-Chlorophenol	53.9%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71i.d
Lab Smp Id: LR71I Client Smp ID: AN-SS-05
Inj Date : 18-OCT-2007 19:44
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71I
Misc Info : 07-20774
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJT 10/25/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	97.10000	Weight of sample extracted (g)
M	48.30000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$ 1	2-Fluorophenol	112	5.981	5.917	(0.756)	342607	23.5579	469.3
$ 2	Phenol-d5	99	7.504	7.488	(0.948)	364972	19.6453	391.3
3	Phenol	94	7.520	7.504	(0.950)	12188	0.52936 LDL	10.54
$ 5	2-Chlorophenol-d4	132	7.616	7.600	(0.962)	249690	20.1794	402.0
4	Bis(2-Chloroethyl)ether	93	7.846	7.579	(0.991)	14547	0.93492	18.62 RT
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	7.915	7.904	(1.000)	197352	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	8.214	8.204	(1.038)	105072	11.3239	225.6
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.685	8.674	(1.097)	30830	2.22454	44.31
$	18 Nitrobenzene-d5	82	8.850	8.845	(0.888)	255625	12.5878	250.8
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.972	9.961	(1.000)	632048	20.0000	
	28 Naphthalene	128	10.004	9.999	(1.003)	25372	0.65123	12.97
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.783	11.777	(0.917)	374260	12.2077	243.2
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.851	12.841	(1.000)	393756	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.150	14.139	(1.101)	90685	23.7379	472.9
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.239	15.223	(1.000)	712380	20.0000	
	60 Phenanthrene	178	15.271	15.261	(1.002)	88714	1.94094	38.66
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	63 Di-n-butylphthalate	149	16.393	16.350	(1.076)	359167	7.56653	150.7
	64 Fluoranthene	202	17.269	17.205	(1.133)	551423	10.5497	210.2
	65 Pyrene	202	17.601	17.563	(0.899)	272886	4.20547	83.77
$	66 Terphenyl-d14	244	17.921	17.884	(0.915)	692521	17.0508	339.7
	67 Butylbenzylphthalate	149	18.819	18.776	(0.961)	39178	1.37313	27.35(M)
	68 Benzo(a)anthracene	228	19.561	19.529	(0.999)	83368	1.17771	23.46
*	69 Chrysene-d12	240	19.588	19.556	(1.000)	903473	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	19.625	19.598	(1.002)	95754	1.50524	29.98
	72 bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
*	134 Di-n-octylphthalate-d4	153	20.747	20.720	(1.000)	1217237	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	21.223	21.190	(0.976)	57262	1.39311	27.75
	75 Benzo(k)fluoranthene	252	21.239	21.228	(0.976)	53634	1.23350	24.57(M)
	76 Benzo(a)pyrene	252	21.666	21.639	(0.996)	46998	1.24586	24.81
*	77 Perylene-d12	264	21.751	21.719	(1.000)	572397	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71i.d
Lab Smp Id: LR71I
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20774

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-05
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	197352	-6.94
27 Naphthalene-d8	656578	328289	1313156	632048	-3.74
42 Acenaphthene-d10	353705	176852	707410	393756	11.32
59 Phenanthrene-d10	526440	263220	1052880	712380	35.32
69 Chrysene-d12	581923	290962	1163846	903473	55.26
134 Di-n-octylphthala	979097	489548	1958194	1217237	24.32
77 Perylene-d12	686531	343266	1373062	572397	-16.62

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.92	0.14
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.11
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.08
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.11
69 Chrysene-d12	19.56	19.06	20.06	19.59	0.16
134 Di-n-octylphthala	20.72	20.22	21.22	20.75	0.13
77 Perylene-d12	21.72	21.22	22.22	21.75	0.15

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

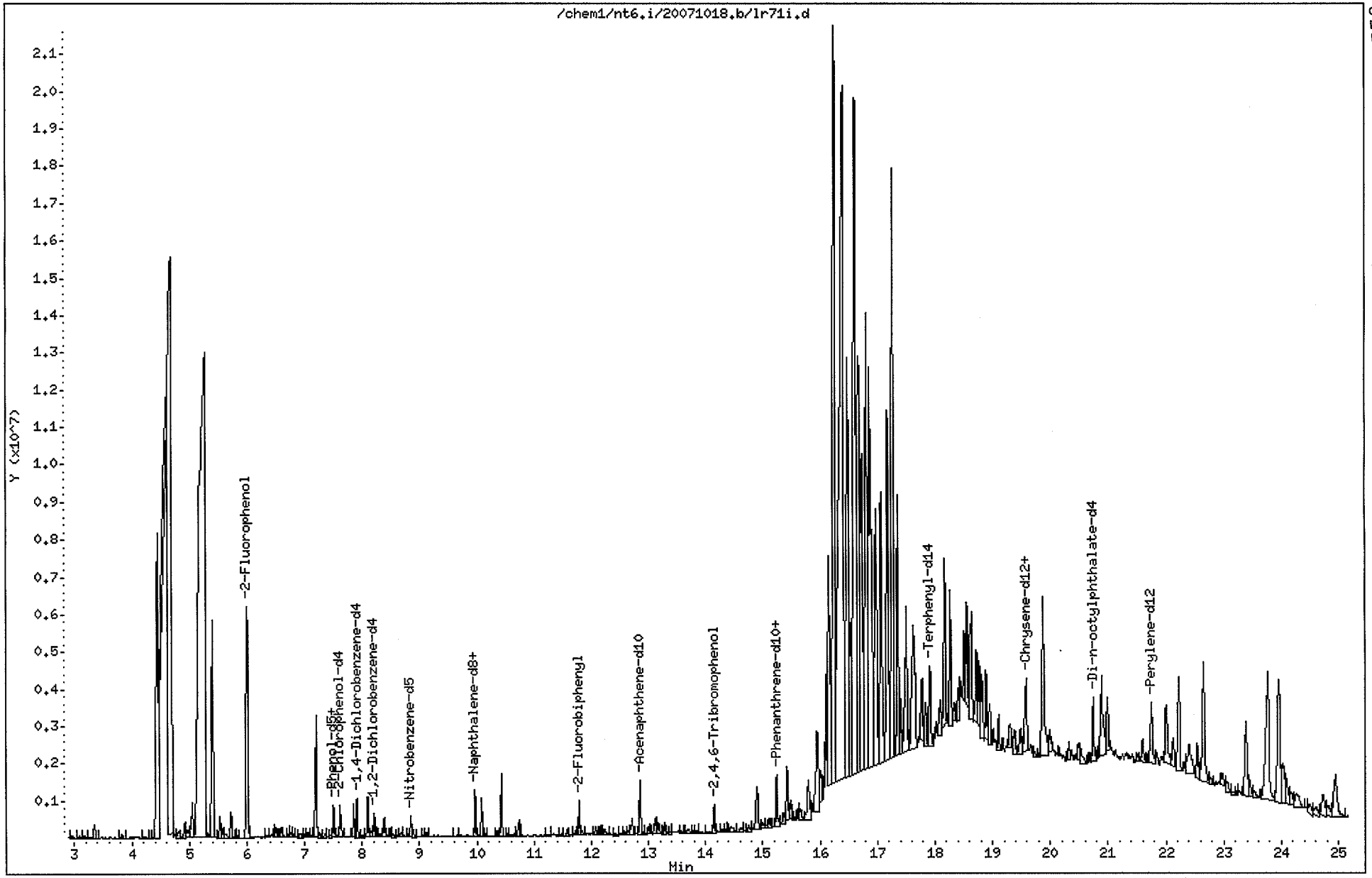
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71I
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20774

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-05
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	747.0	469.3	62.82	11-84
$ 2 Phenol-d5	747.0	391.3	52.39	25-86
$ 5 2-Chlorophenol-d4	747.0	402.0	53.81	23-91
$ 10 1,2-Dichlorobenzen	498.0	225.6	45.30	24-90
$ 18 Nitrobenzene-d5	498.0	250.8	50.35	26-88
$ 36 2-Fluorobiphenyl	498.0	243.2	48.83	34-91
$ 55 2,4,6-Tribromophen	747.0	472.9	63.30	25-107
$ 66 Terphenyl-d14	498.0	339.7	68.20	22-100

Data File: /chem1/nt6.i/20071018.b/lr71i.d
Date : 18-OCT-2007 19:44
Client ID: AN-SS-05
Sample Info: LR71I
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

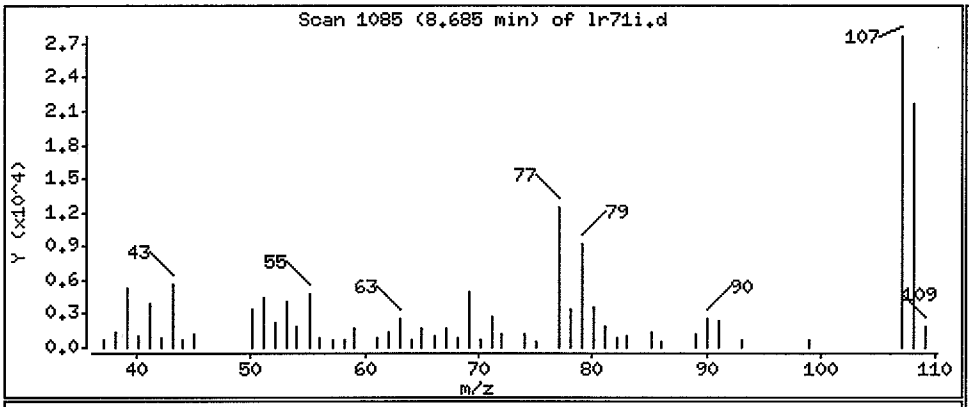
Client ID: AN-SS-05 Instrument: nt6.i

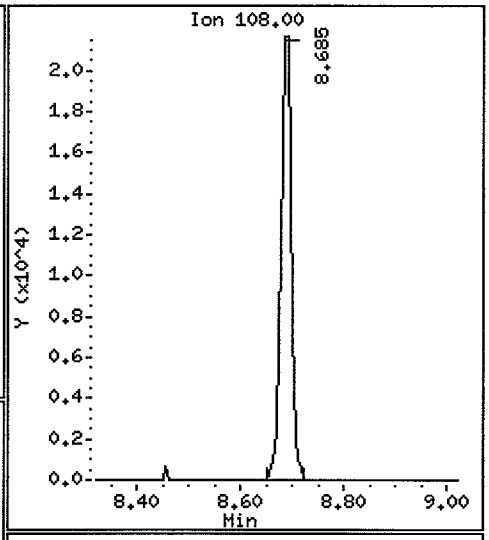
Sample Info: LR71I

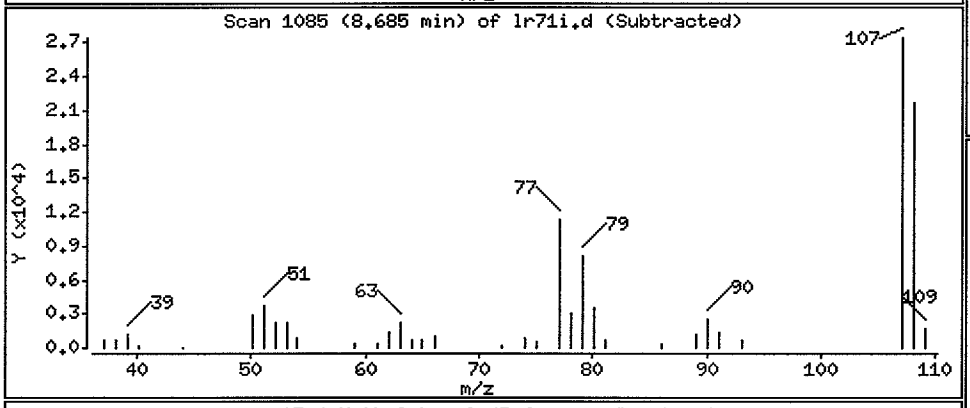
Volume Injected (uL): 1.0 Operator: LJR/VTS

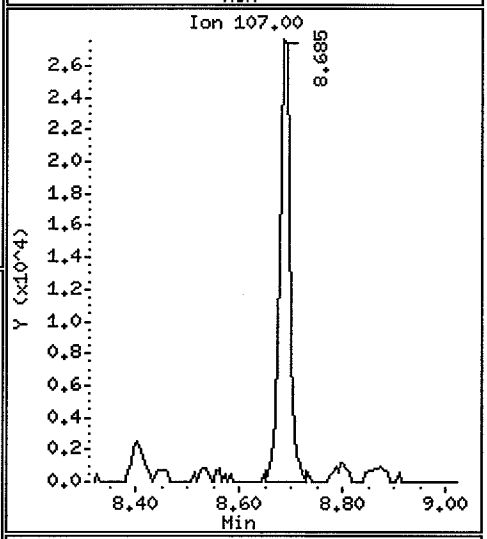
Column phase: ZB-5 Column diameter: 0.32

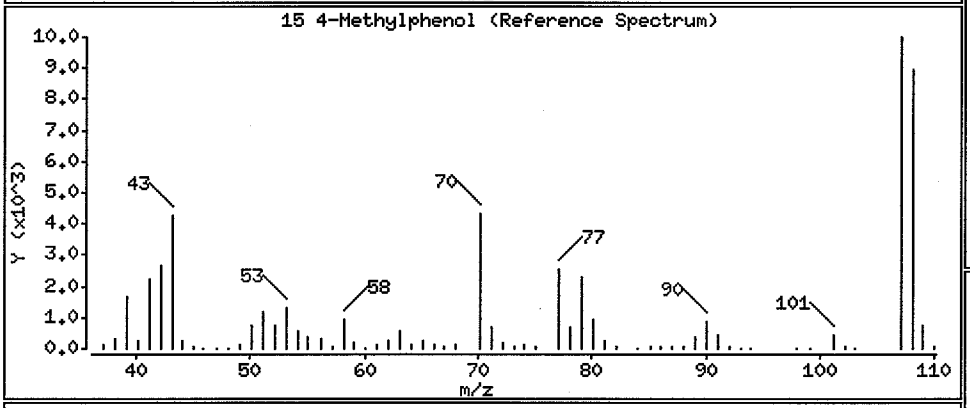
15 4-Methylphenol Concentration: 44.31 ug/kg

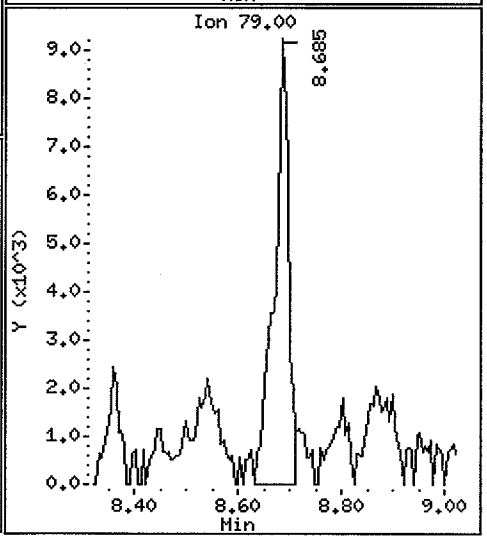


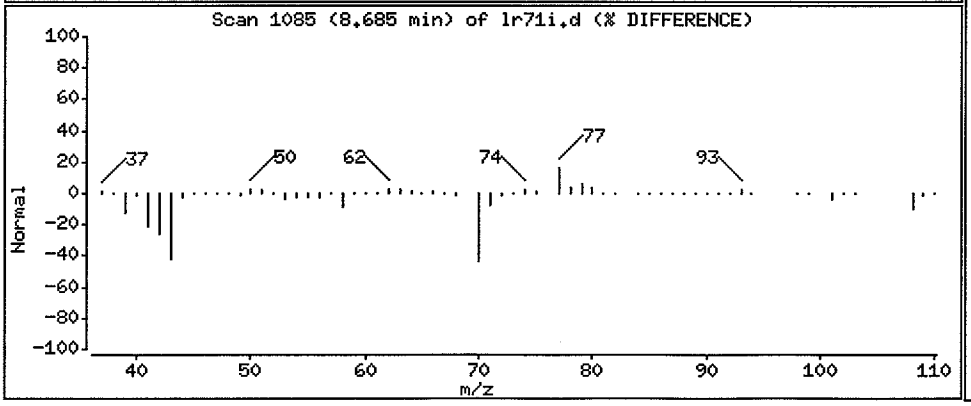












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

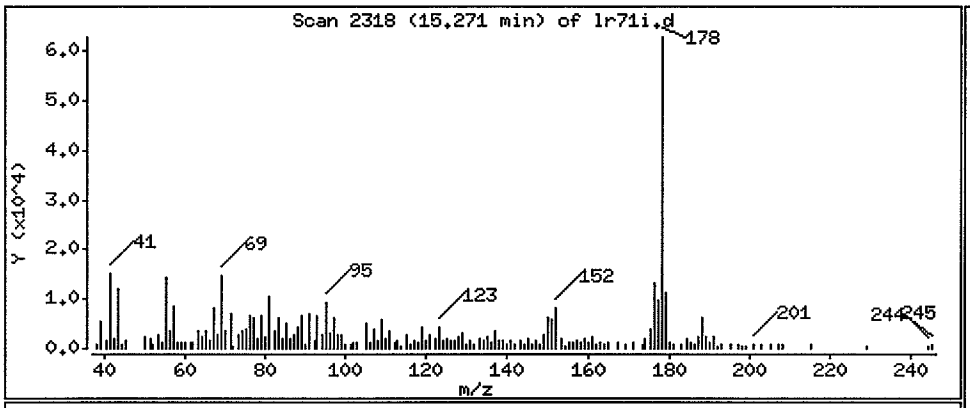
Client ID: AN-SS-05 Instrument: nt6.i

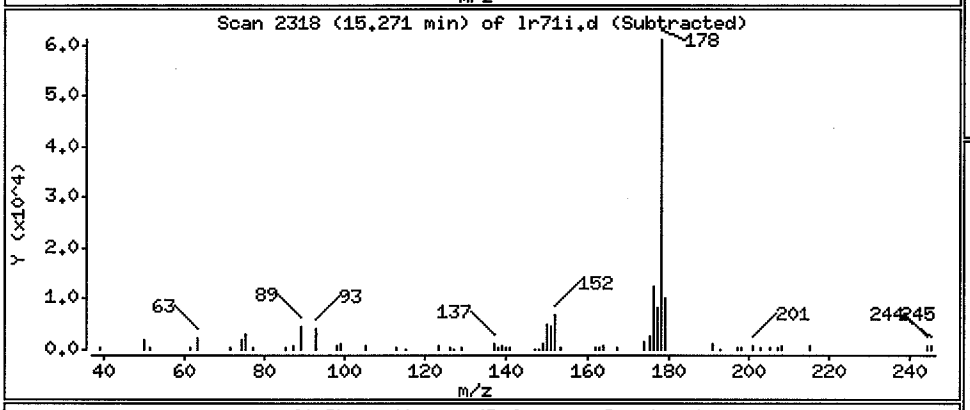
Sample Info: LR71I

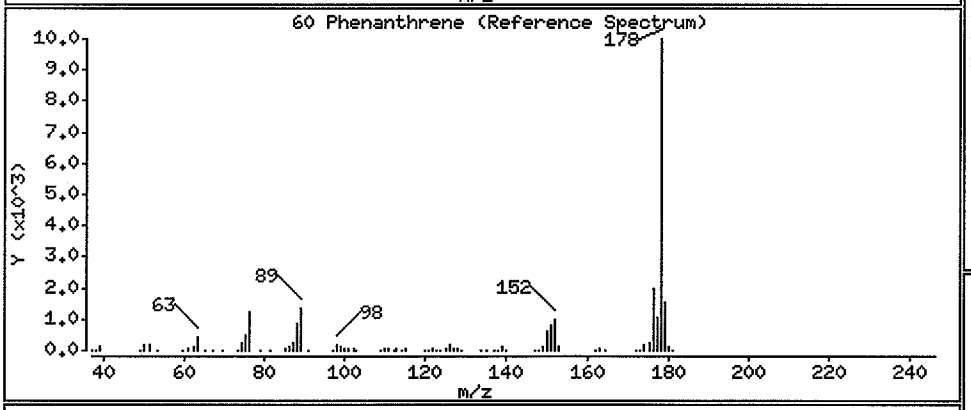
Volume Injected (uL): 1.0 Operator: LJR/VTS

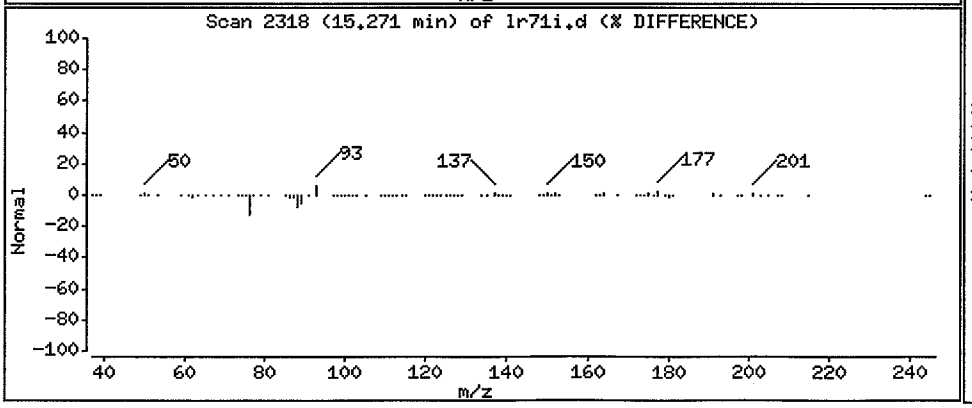
Column phase: ZB-5 Column diameter: 0.32

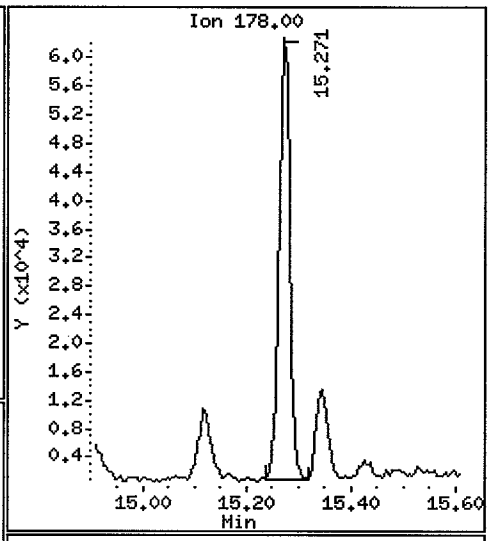
60 Phenanthrene Concentration: 38.66 ug/kg

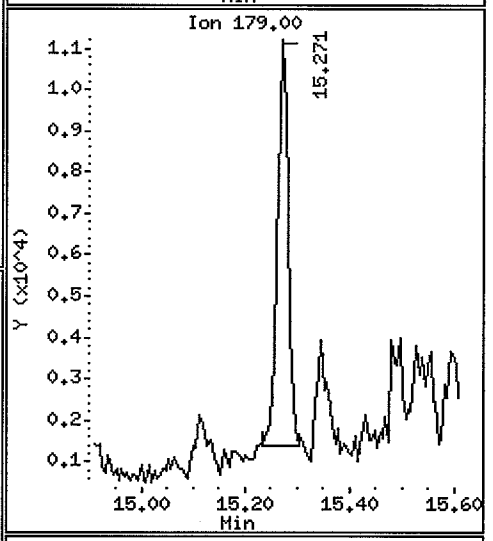


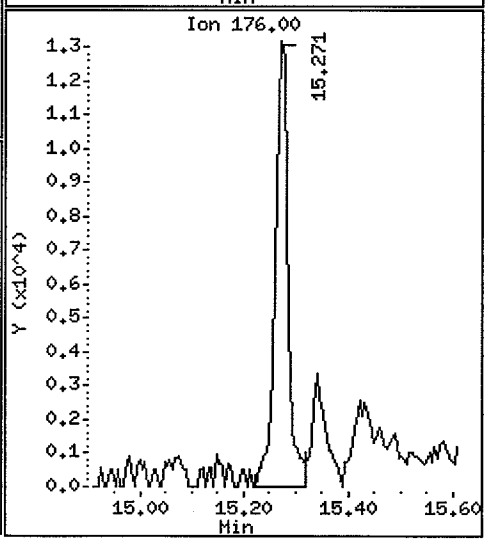












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

Client ID: AN-SS-05

Instrument: nt6.i

Sample Info: LR71I

Volume Injected (uL): 1.0

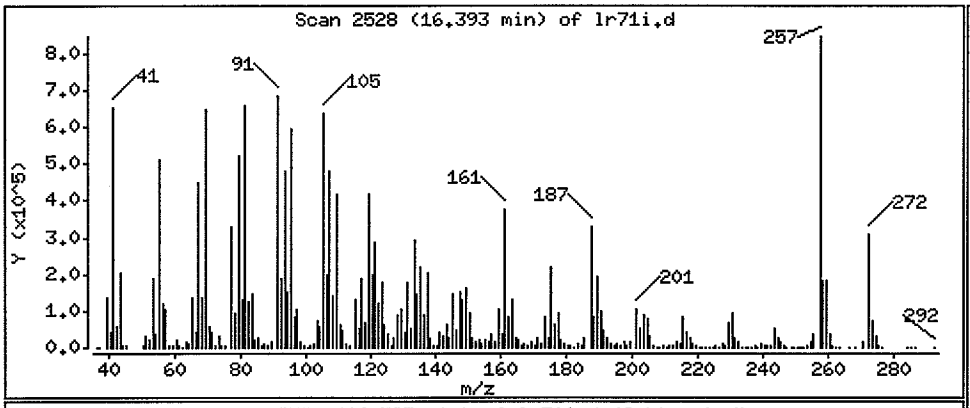
Operator: LJR/VTS

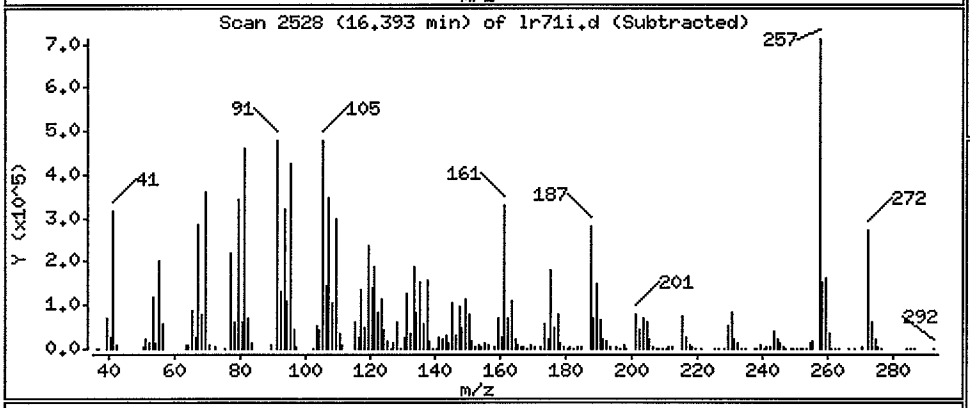
Column phase: ZB-5

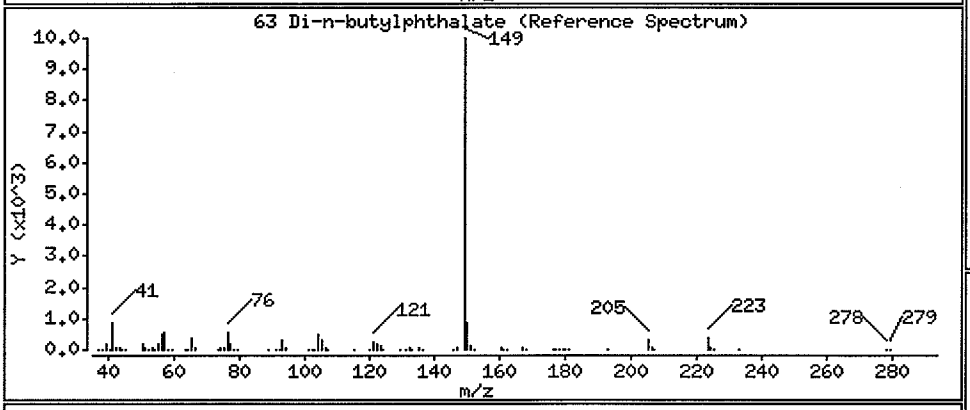
Column diameter: 0.32

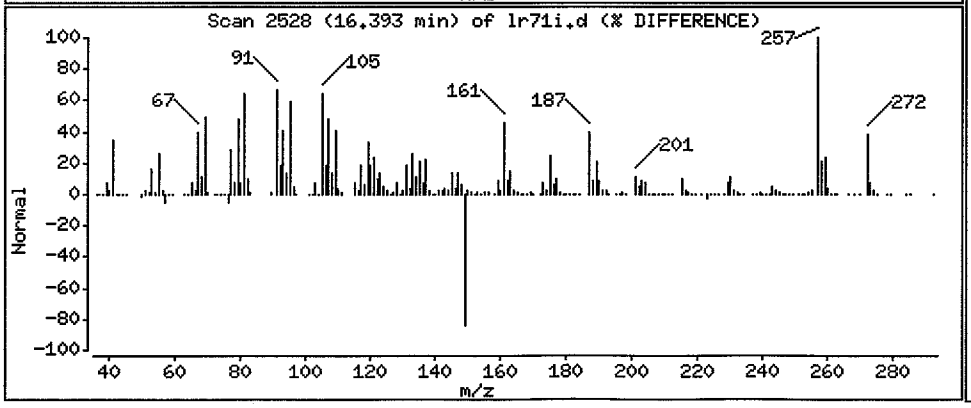
63 Di-n-butylphthalate

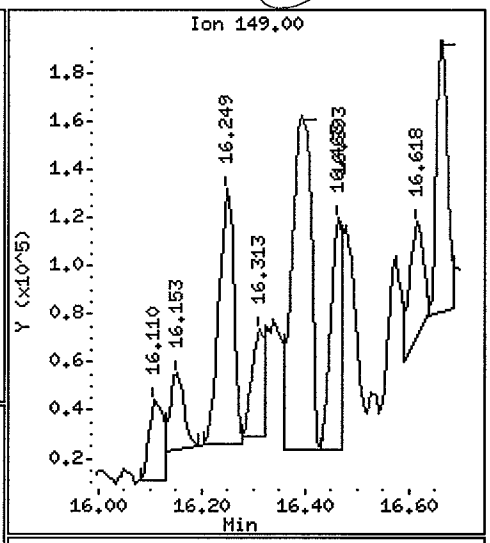
Concentration: 150.7 ug/kg

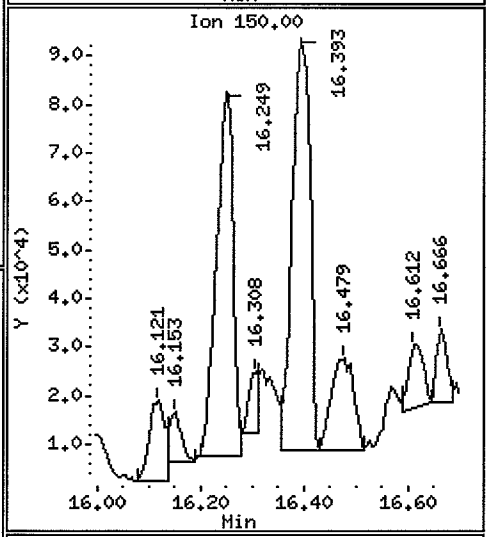


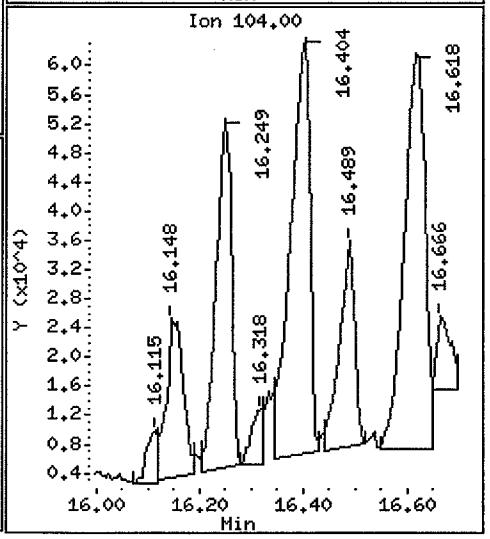












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

Client ID: AN-SS-05

Instrument: nt6.i

Sample Info: LR71I

Volume Injected (uL): 1.0

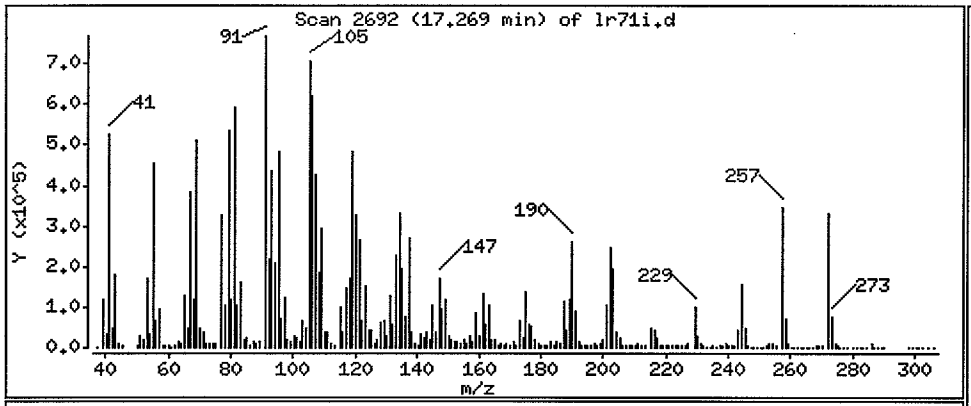
Operator: LJR/VTS

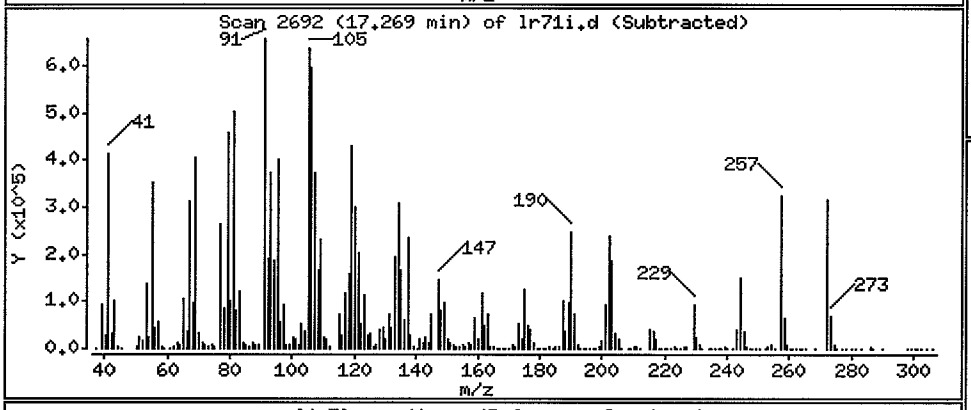
Column phase: ZB-5

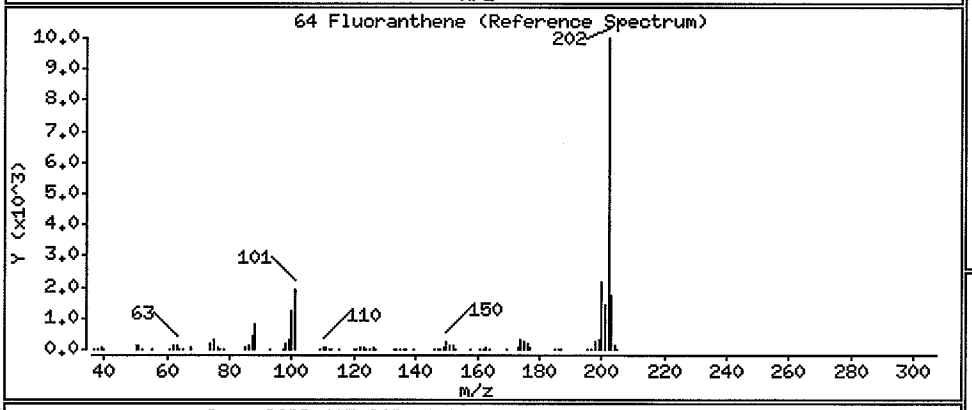
Column diameter: 0.32

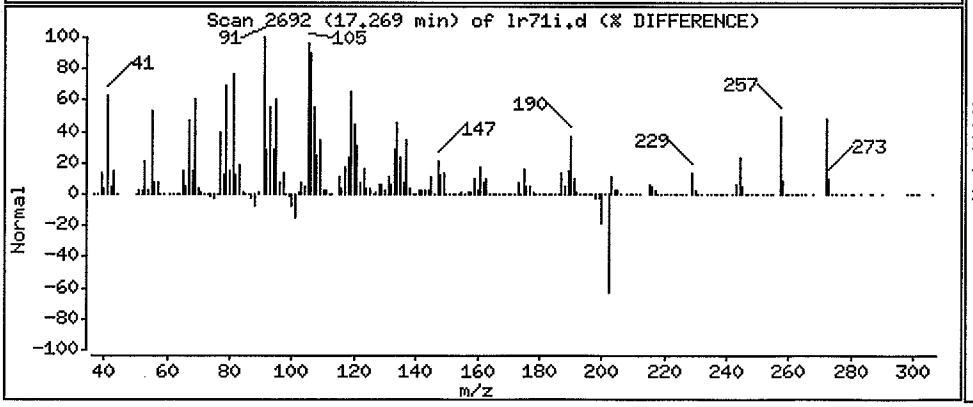
64 Fluoranthene

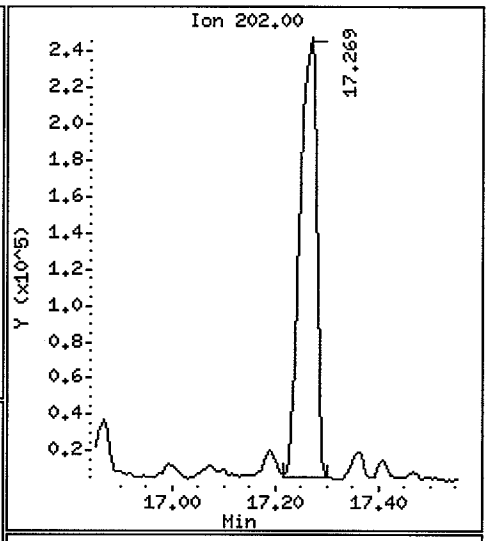
Concentration: 210.2 ug/kg

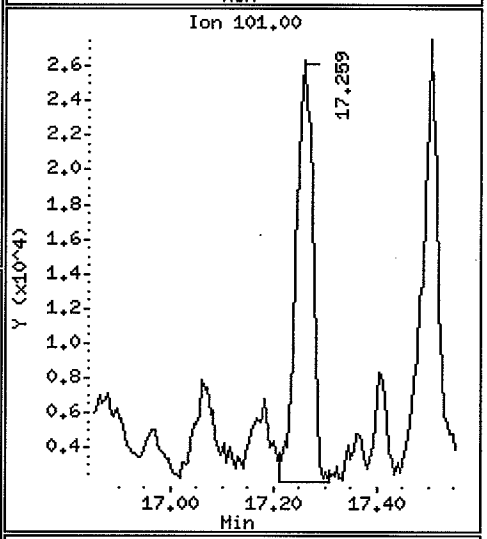


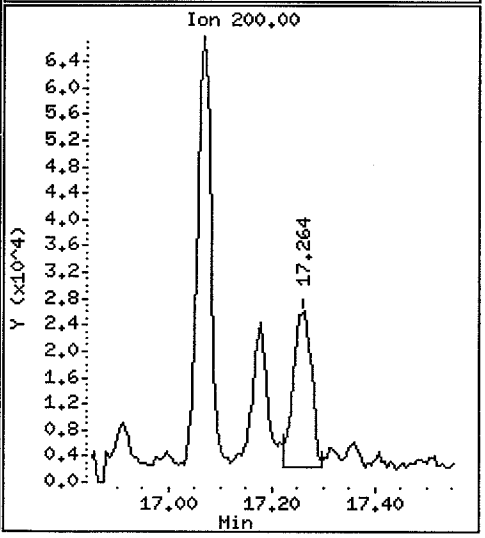












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

Client ID: AN-SS-05

Instrument: nt6.i

Sample Info: LR71I

Volume Injected (uL): 1.0

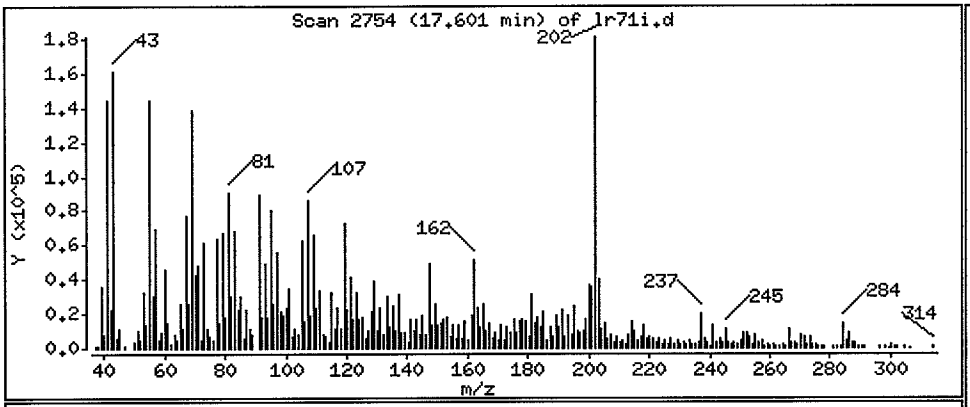
Operator: LJR/VTS

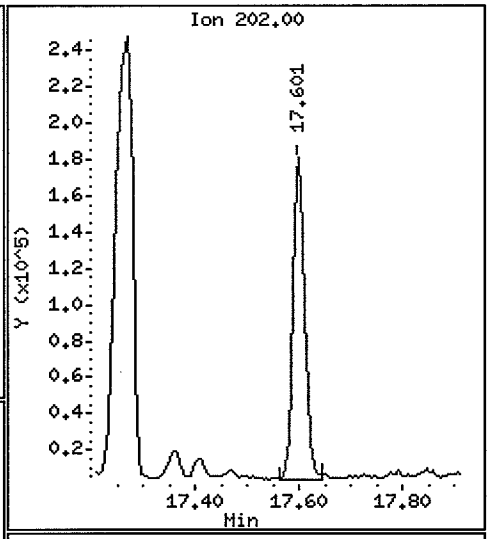
Column phase: ZB-5

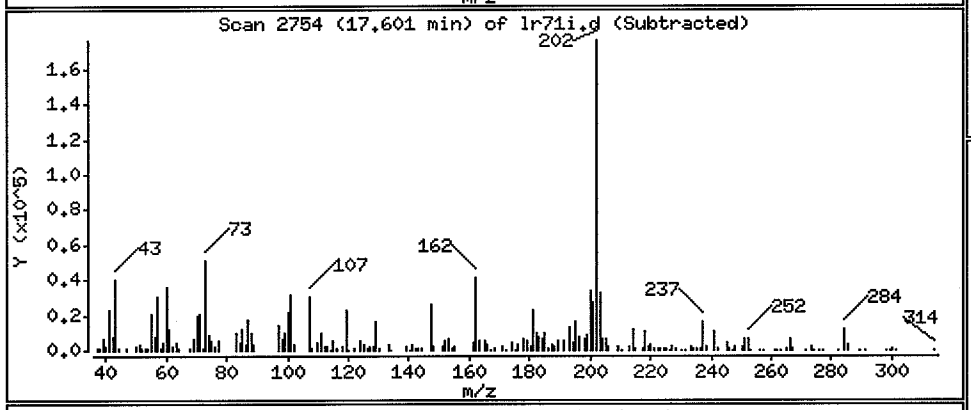
Column diameter: 0.32

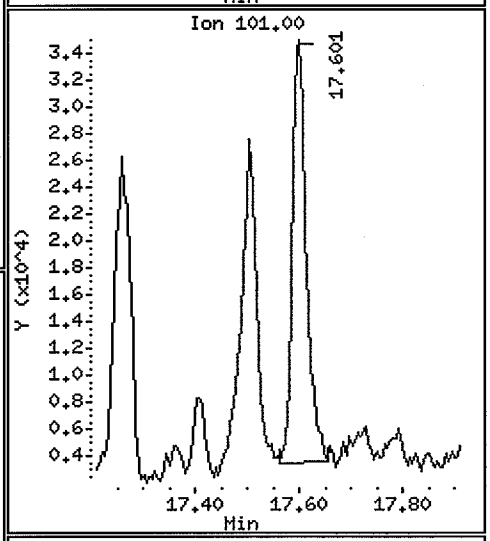
65 Pyrene

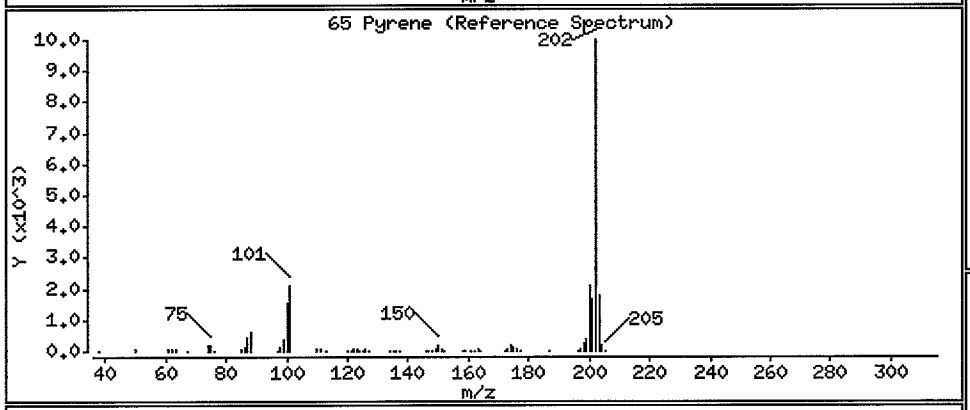
Concentration: 83.77 ug/kg

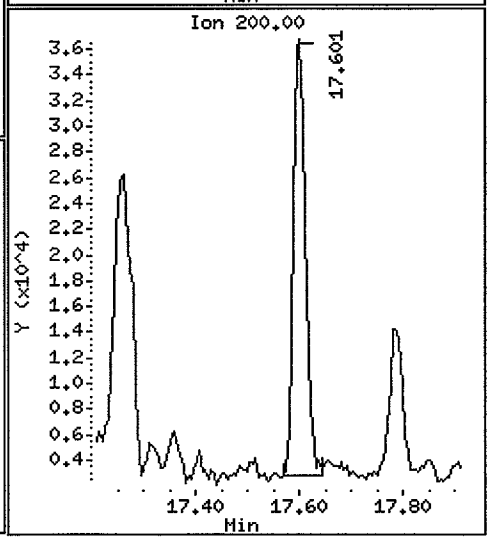


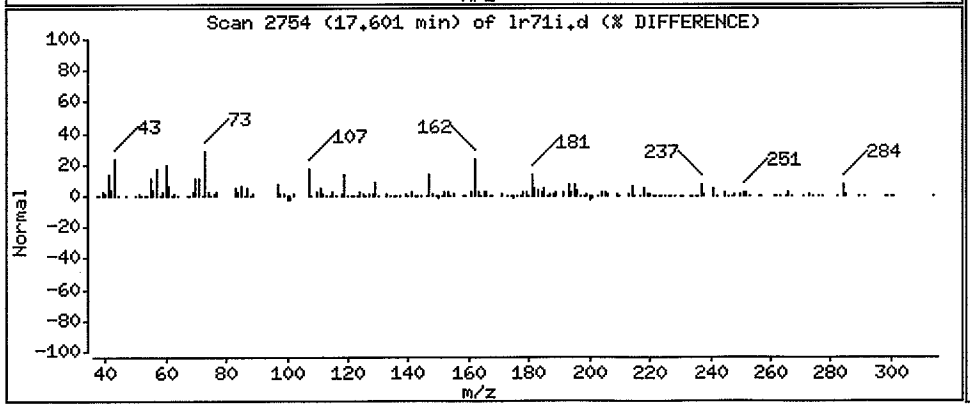












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

Client ID: AN-SS-05

Instrument: nt6.i

Sample Info: LR71I

Volume Injected (uL): 1.0

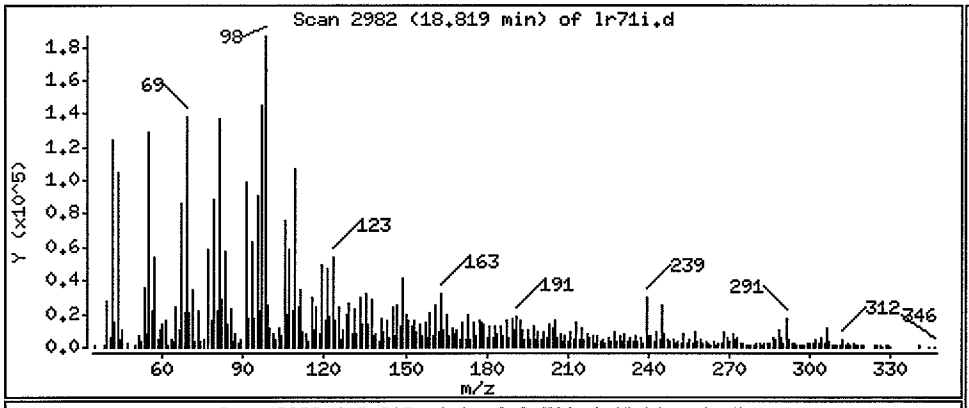
Operator: LJR/VTS

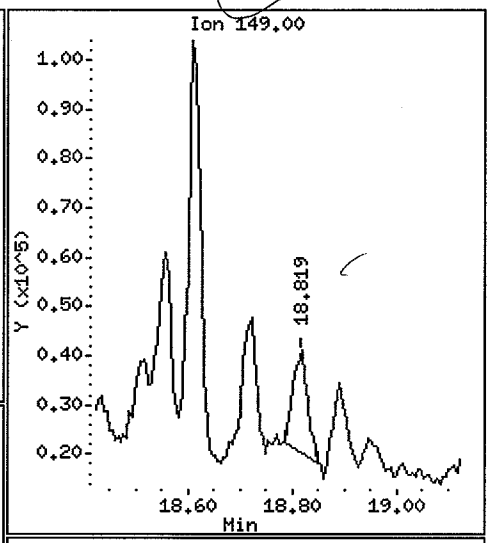
Column phase: ZB-5

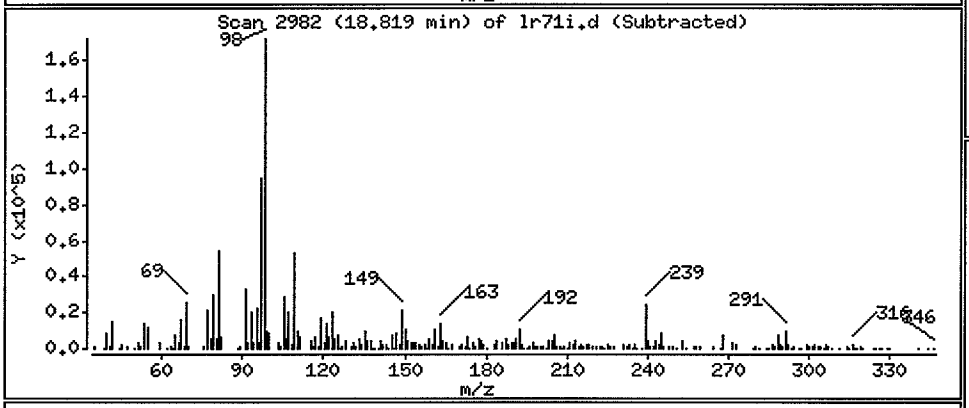
Column diameter: 0.32

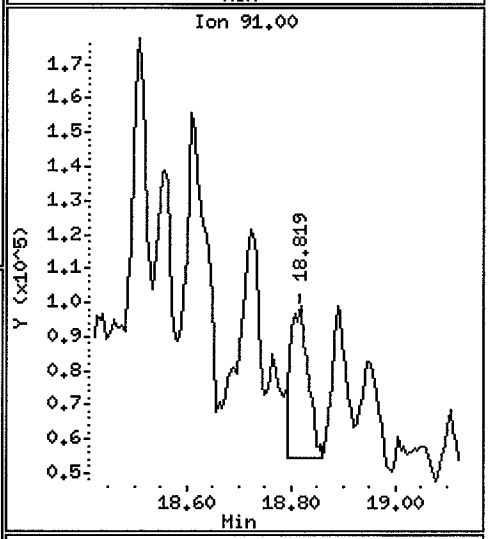
67 Butylbenzylphthalate

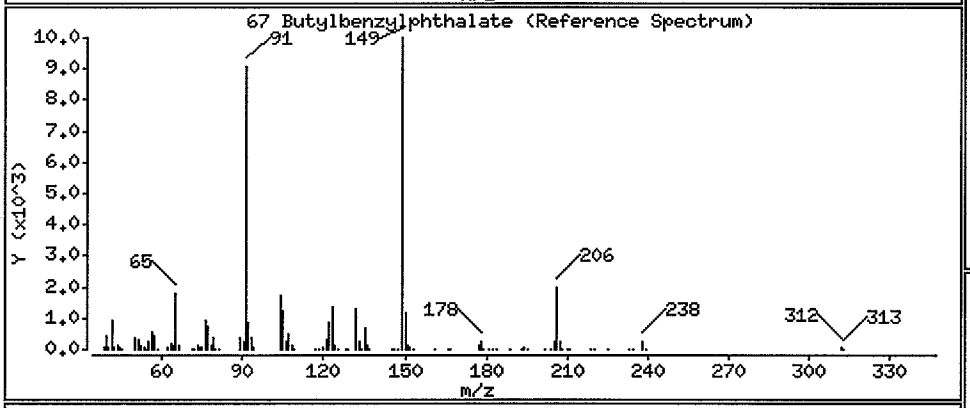
Concentration: 27.35 ug/kg

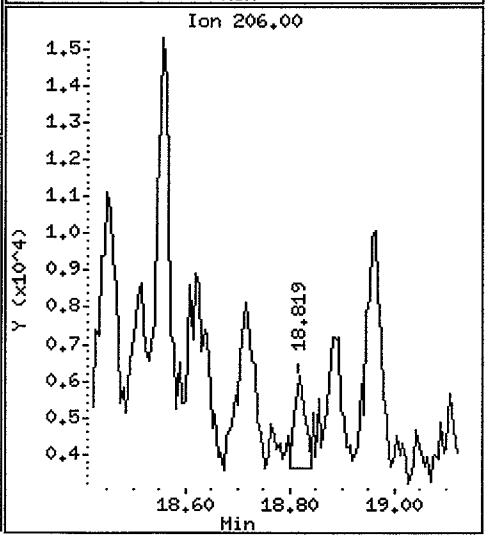


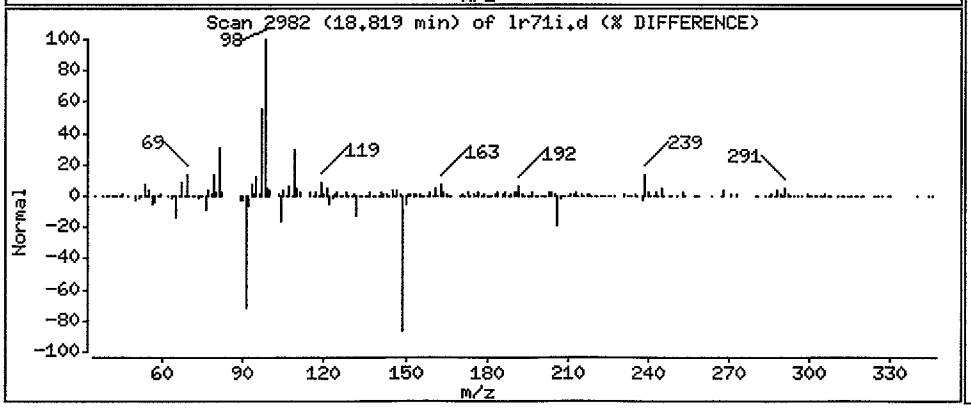












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

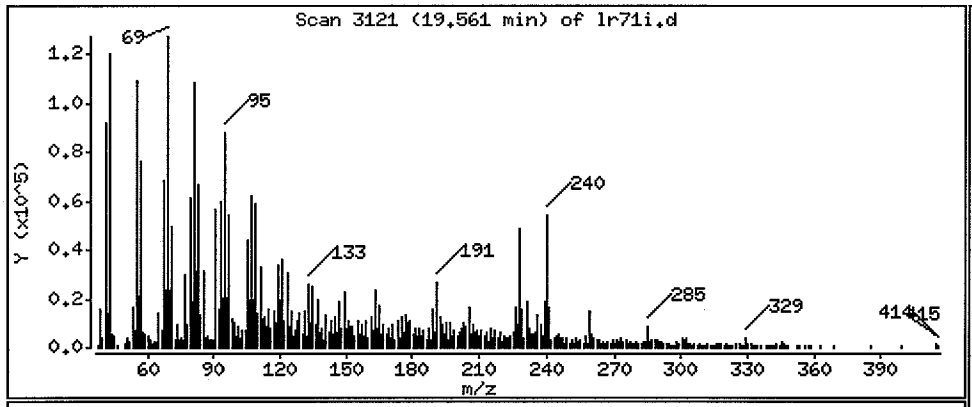
Client ID: AN-SS-05 Instrument: nt6.i

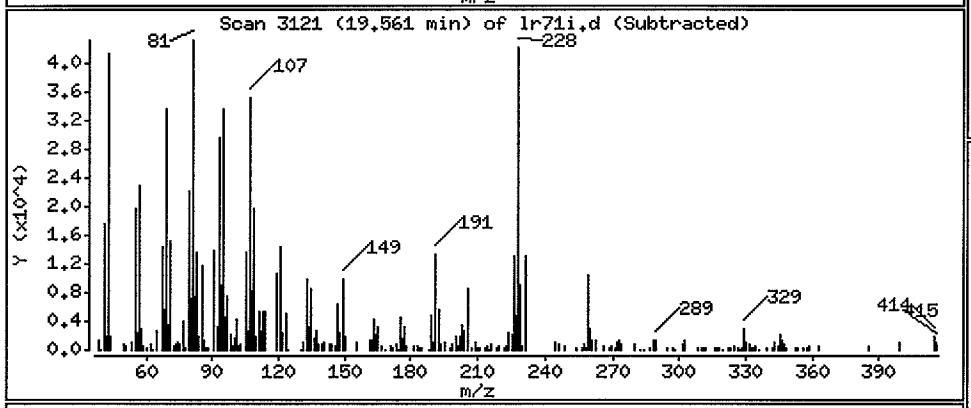
Sample Info: LR71I

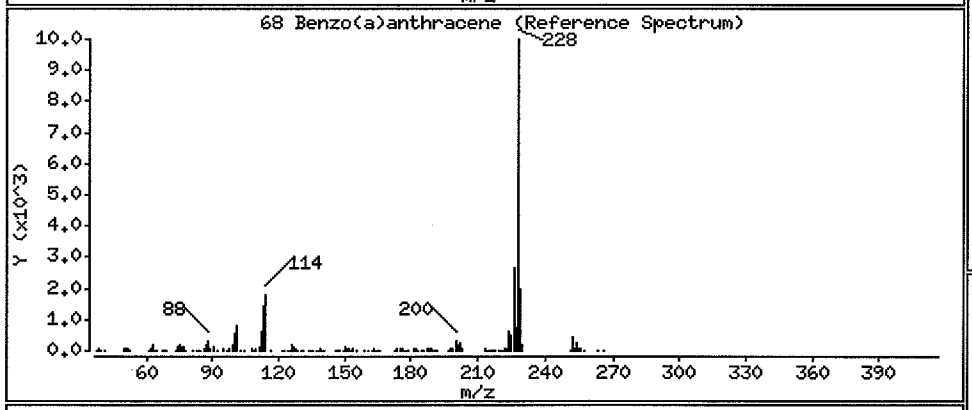
Volume Injected (uL): 1.0 Operator: LJR/VTS

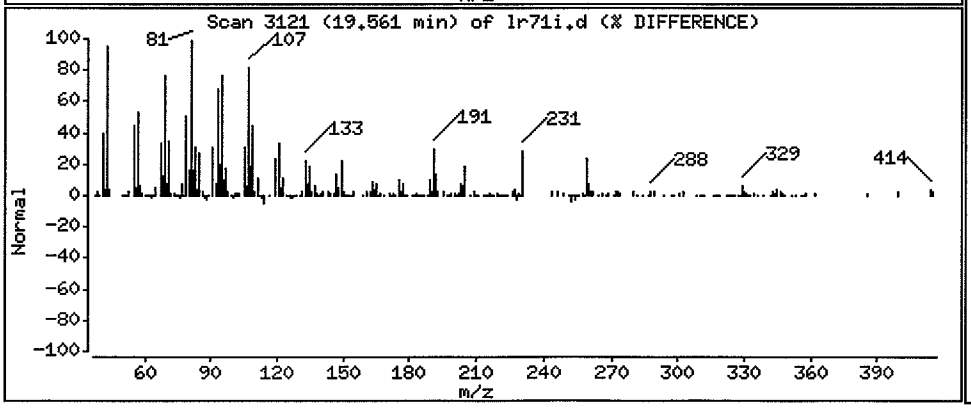
Column phase: ZB-5 Column diameter: 0.32

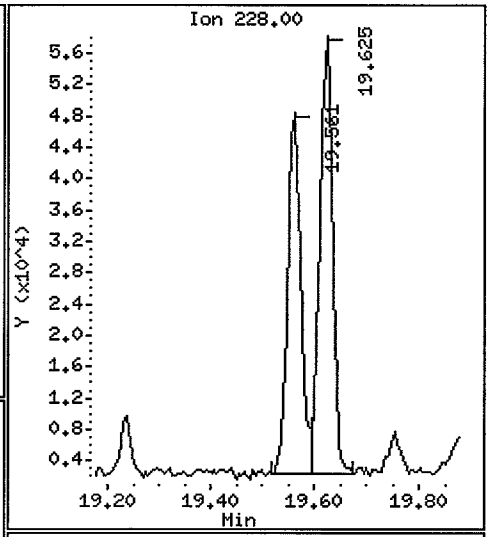
68 Benzo(a)anthracene Concentration: 23.46 ug/kg

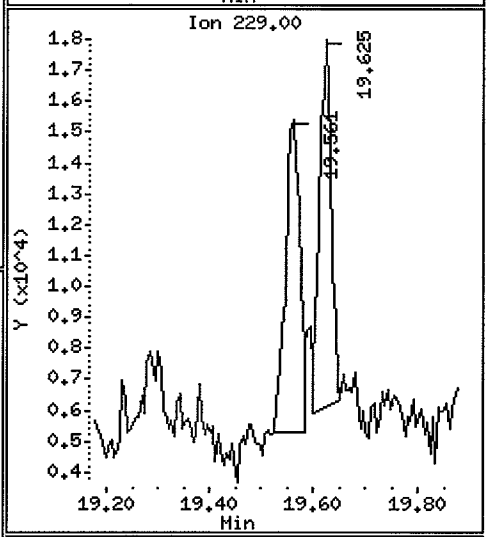


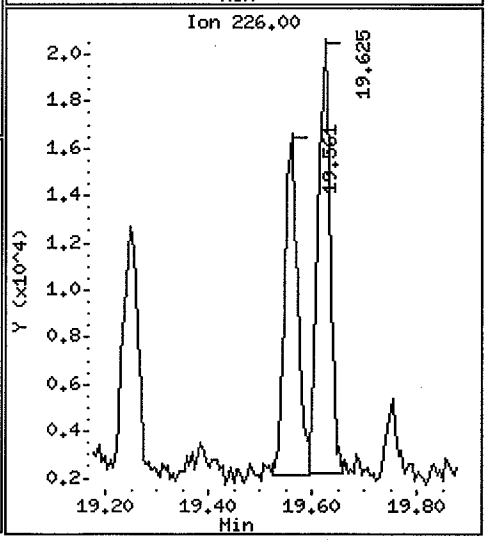












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

Client ID: AN-SS-05

Instrument: nt6.i

Sample Info: LR71I

Volume Injected (uL): 1.0

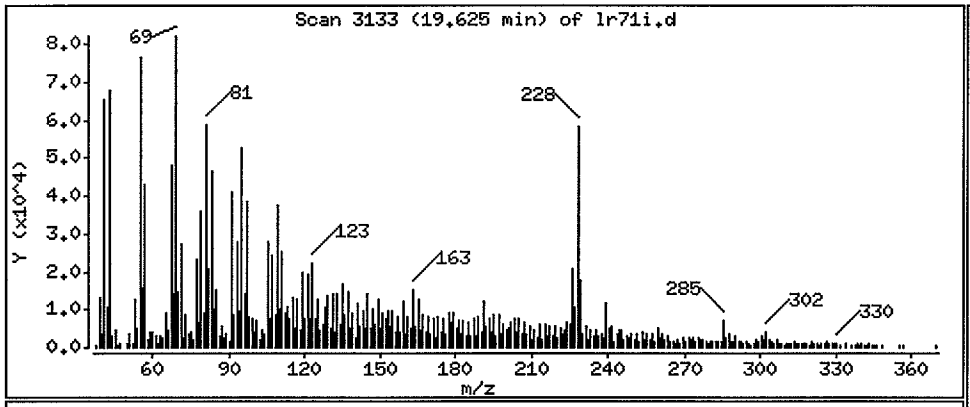
Operator: LJR/VTS

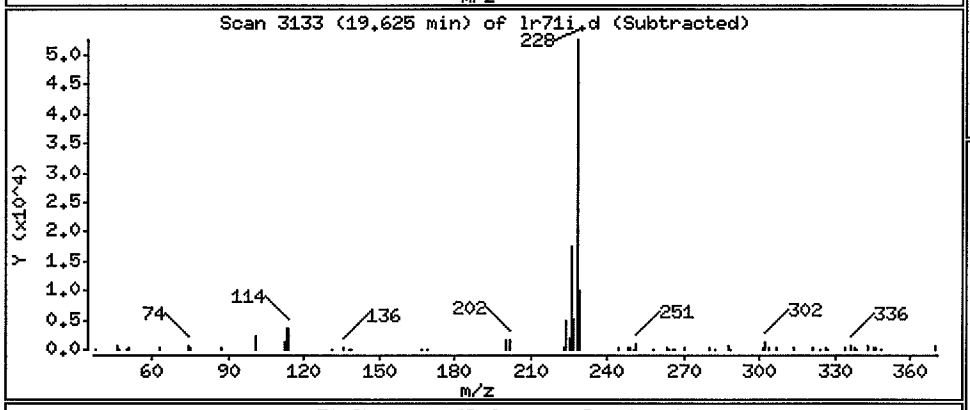
Column phase: ZB-5

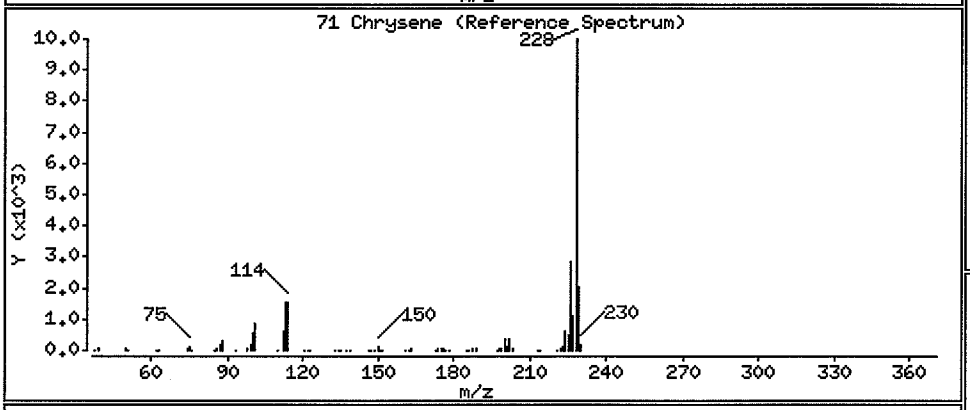
Column diameter: 0.32

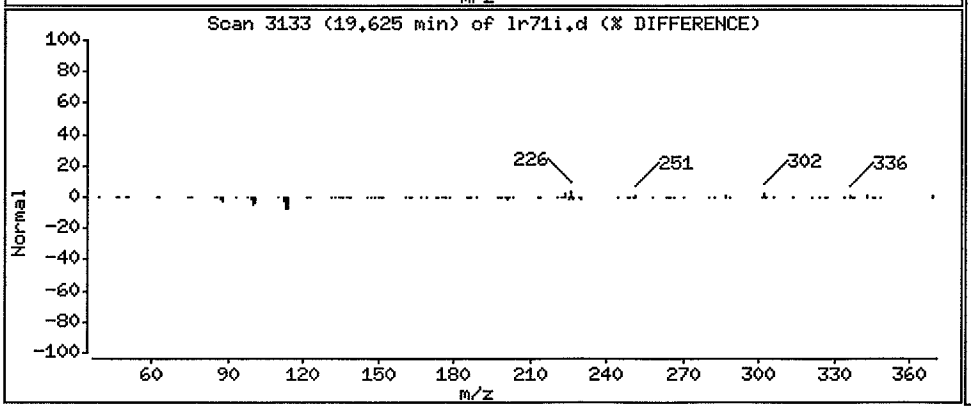
71 Chrysene

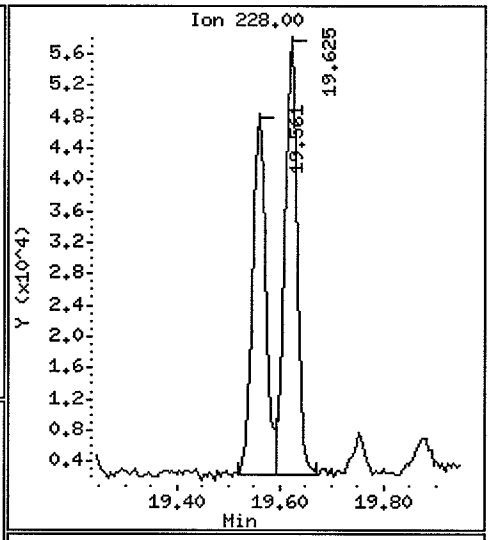
Concentration: 29.98 ug/kg

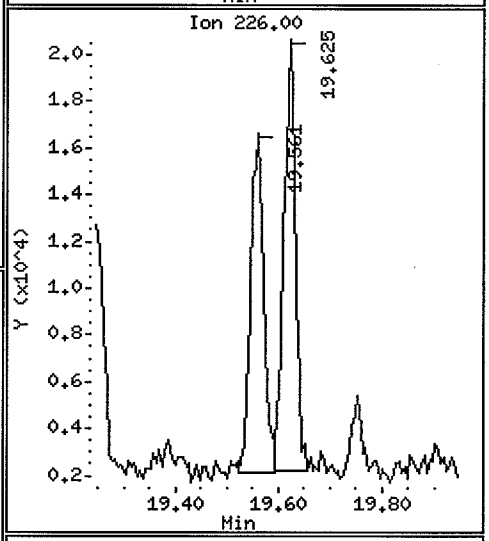


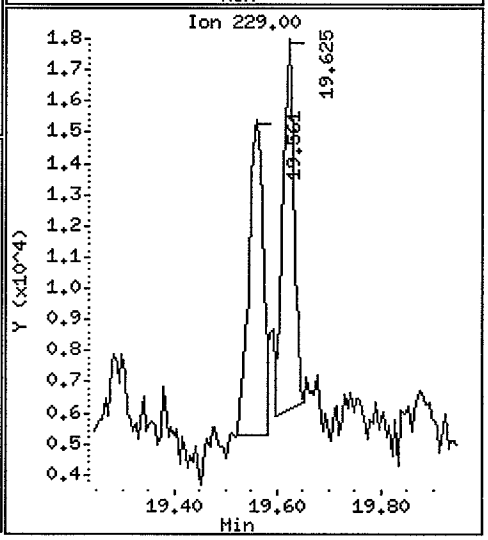












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

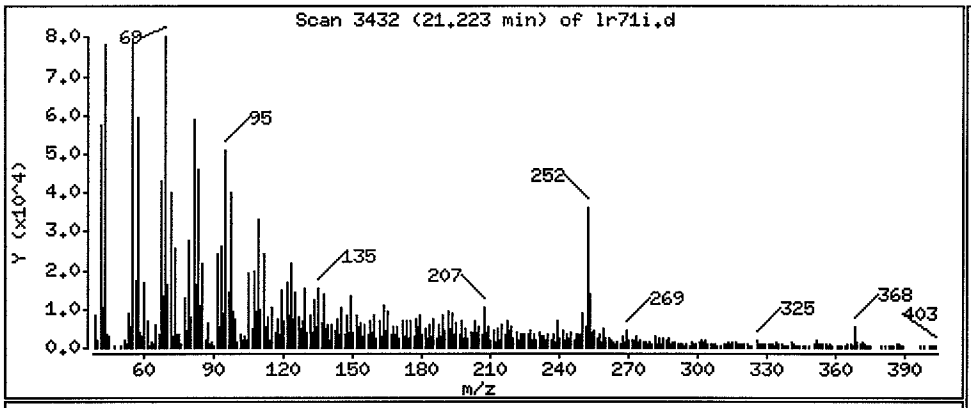
Client ID: AN-SS-05 Instrument: nt6.i

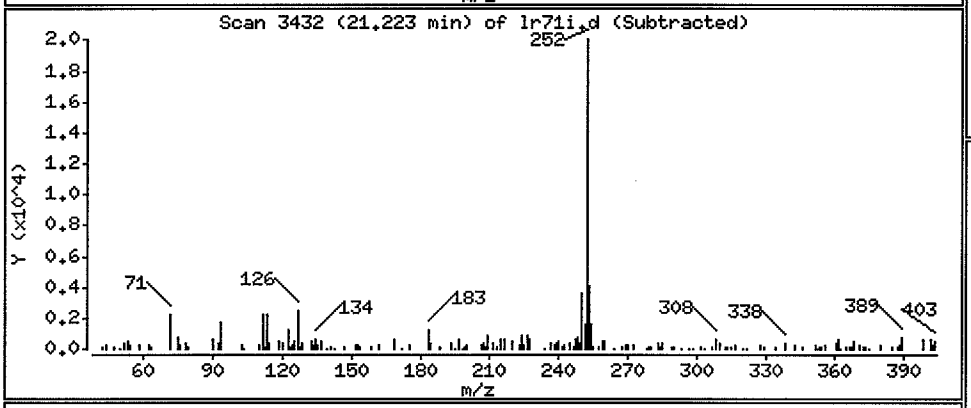
Sample Info: LR71I

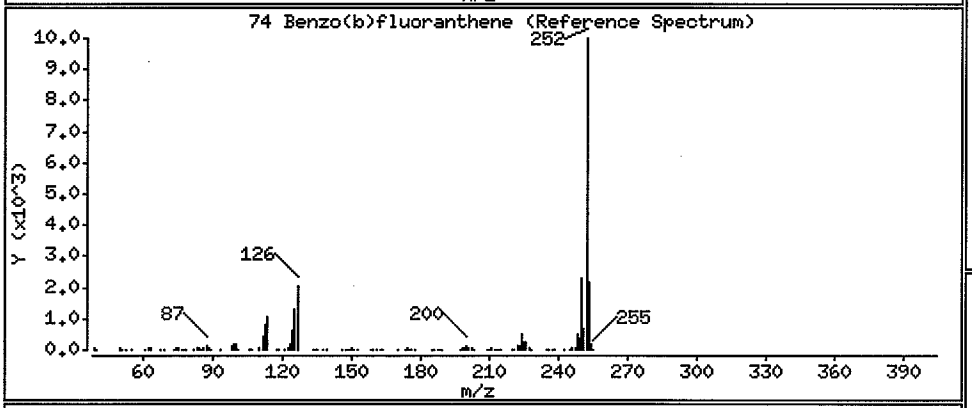
Volume Injected (uL): 1.0 Operator: LJR/VTS

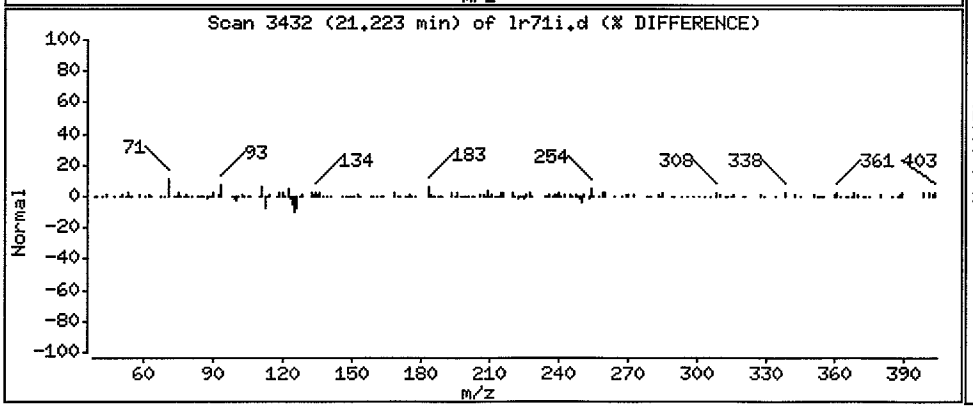
Column phase: ZB-5 Column diameter: 0.32

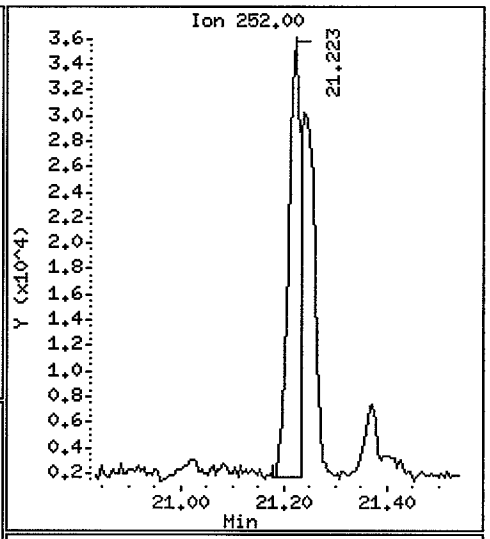
74 Benzo(b)fluoranthene Concentration: 27.75 ug/kg

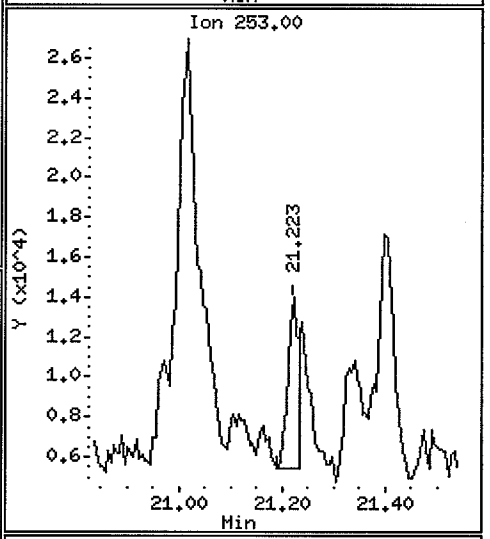


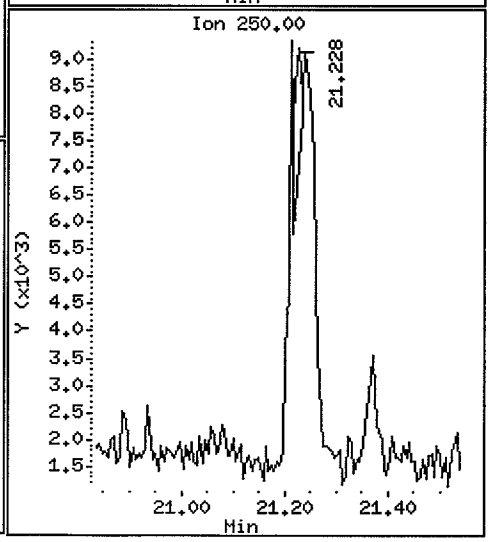












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

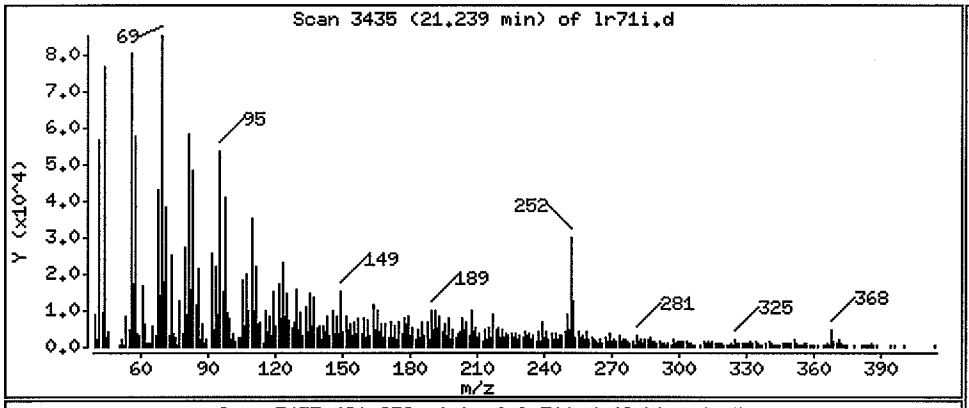
Client ID: AN-SS-05 Instrument: nt6.i

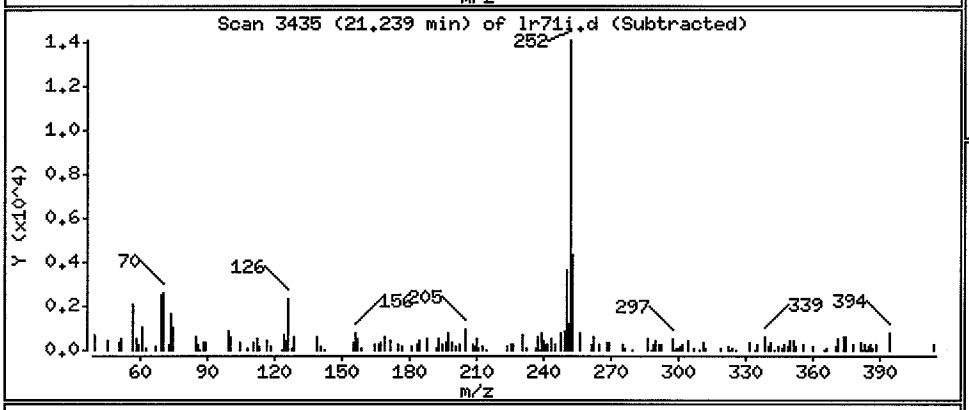
Sample Info: LR71I

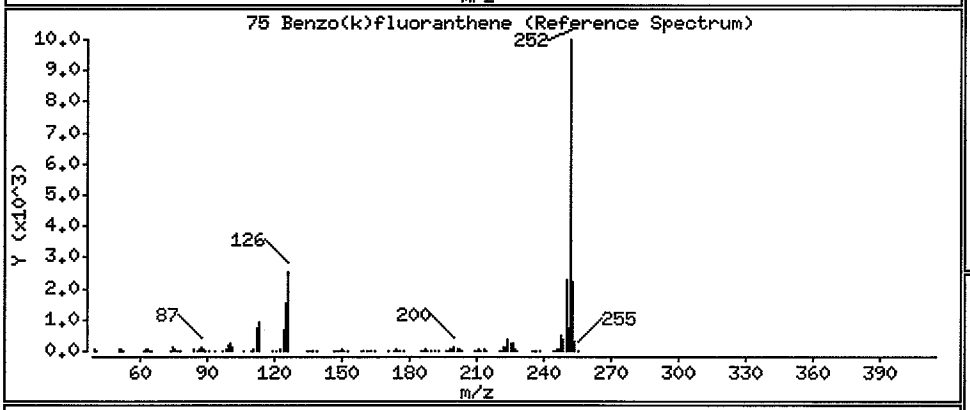
Volume Injected (uL): 1.0 Operator: LJR/VTS

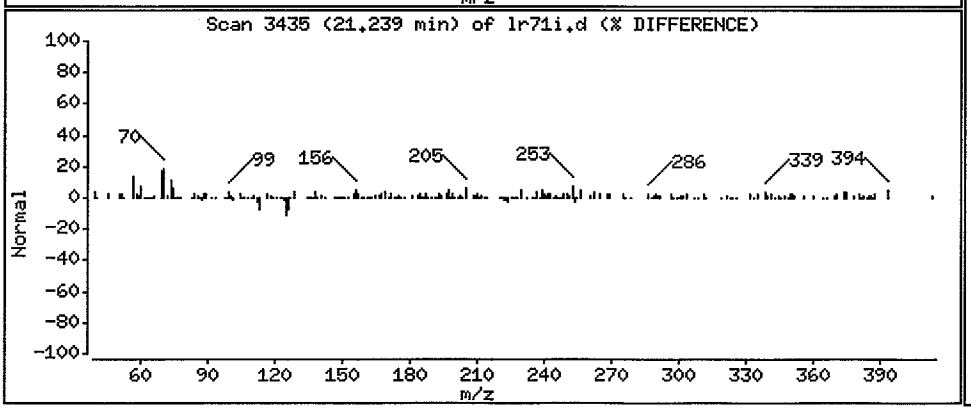
Column phase: ZB-5 Column diameter: 0.32

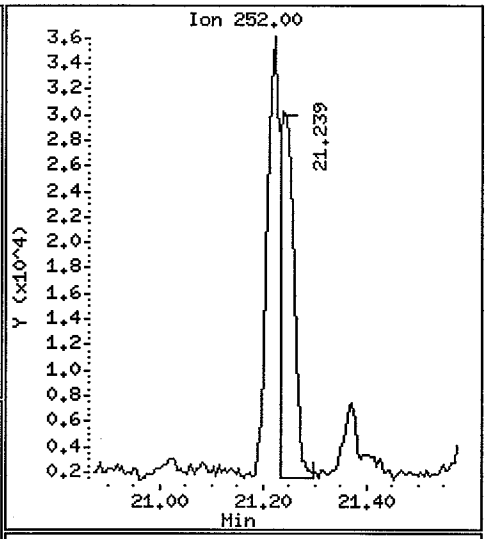
75 Benzo(k)fluoranthene Concentration: 24.57 ug/kg

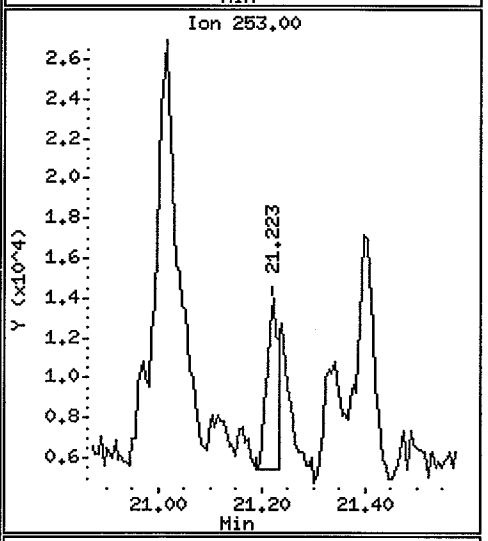


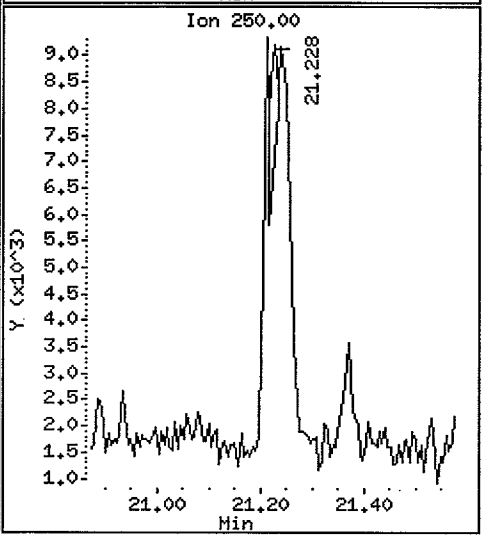












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

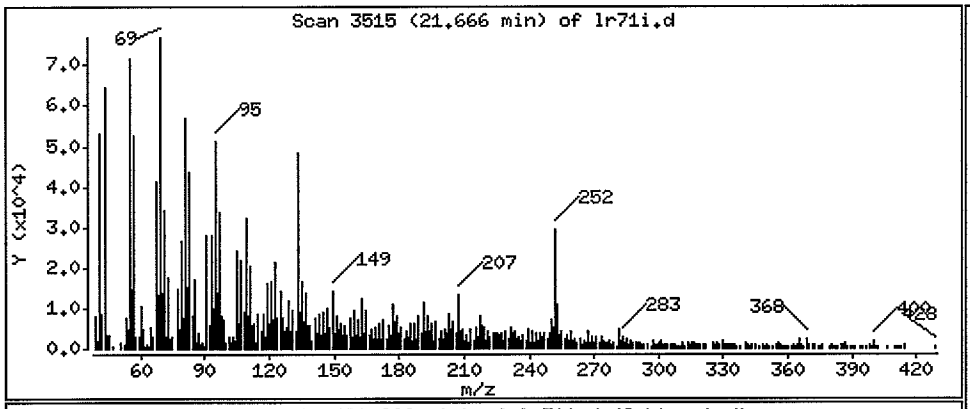
Client ID: AN-SS-05 Instrument: nt6.i

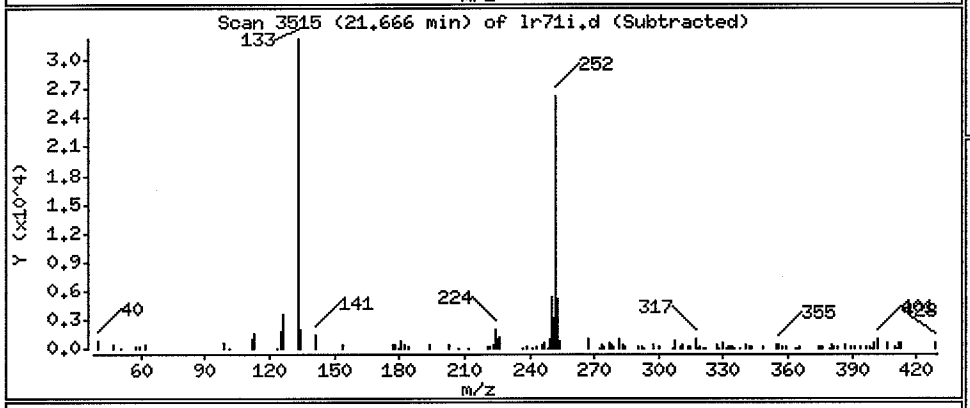
Sample Info: LR71I

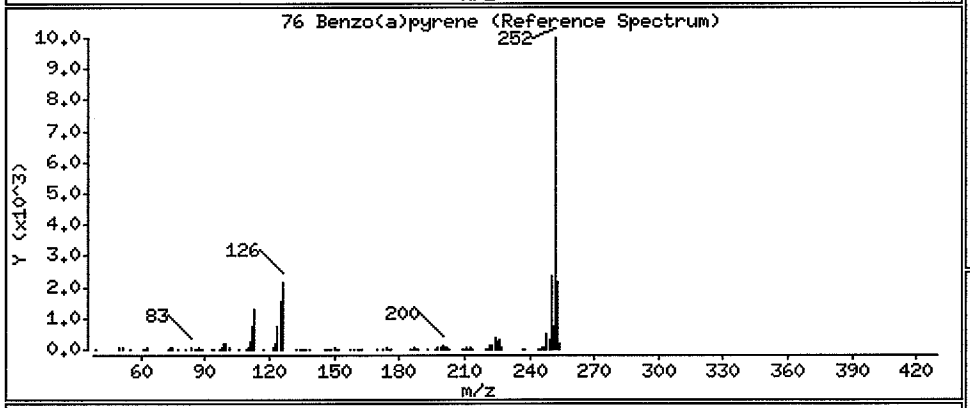
Volume Injected (uL): 1.0 Operator: LJR/VTS

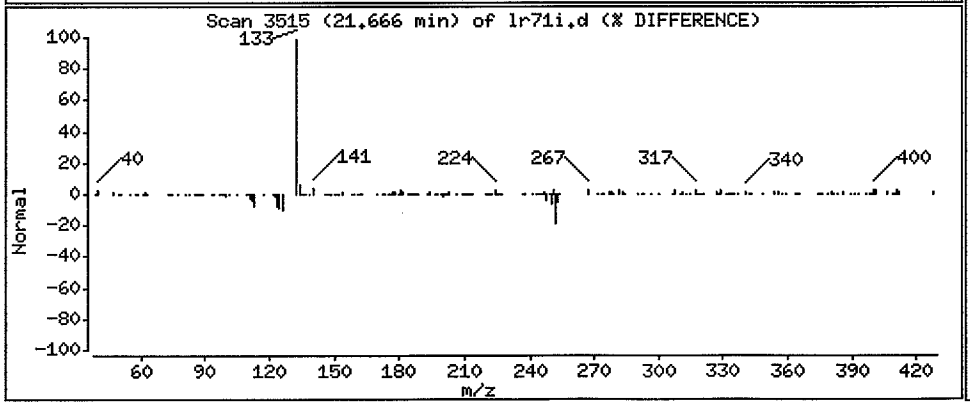
Column phase: ZB-5 Column diameter: 0.32

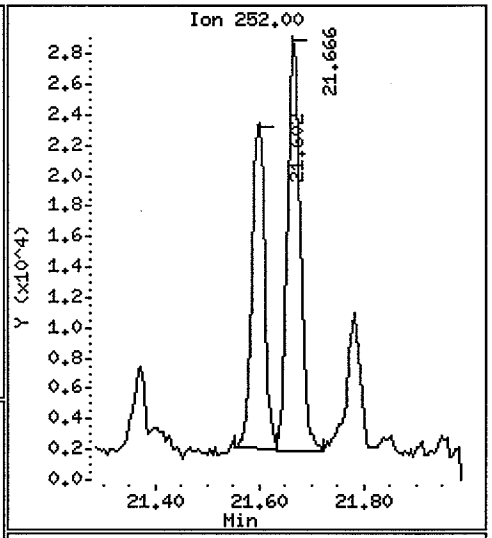
76 Benzo(a)pyrene Concentration: 24.81 ug/kg

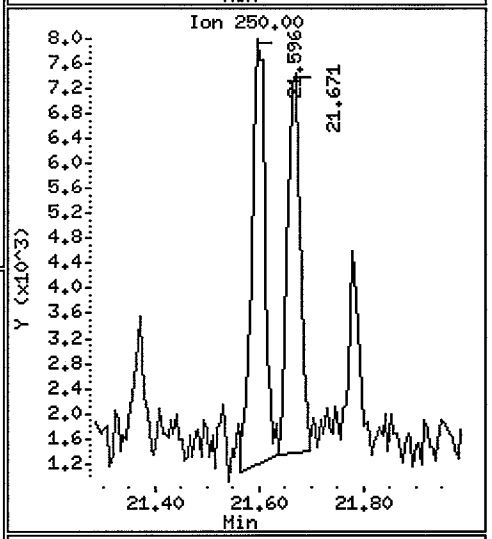


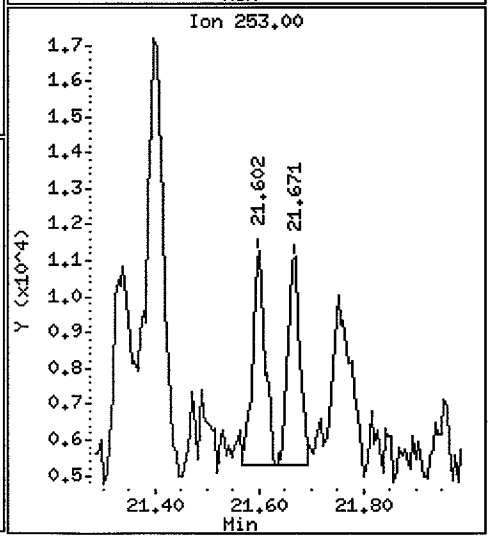












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

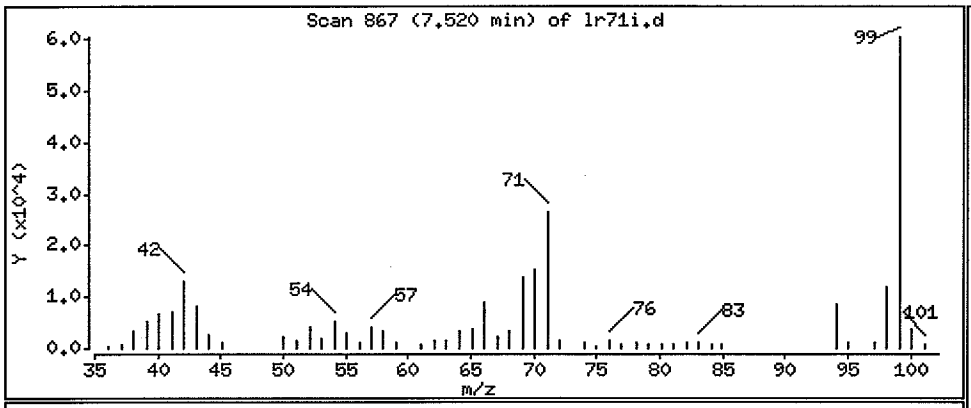
Client ID: AN-SS-05 Instrument: nt6.i

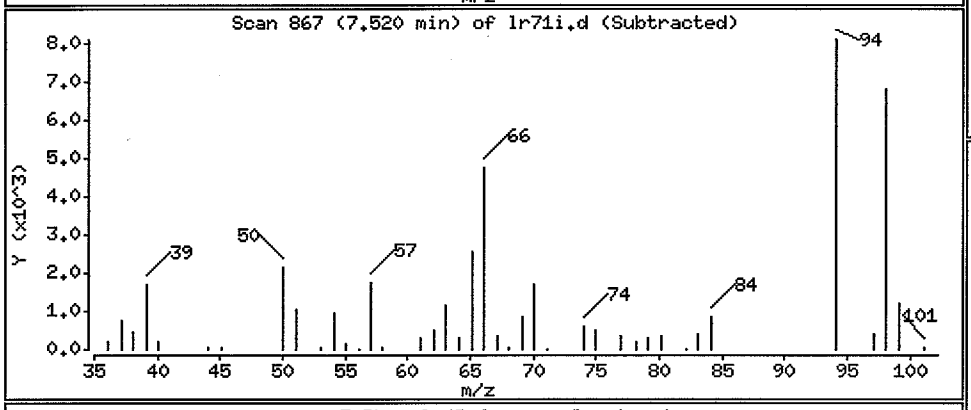
Sample Info: LR71I

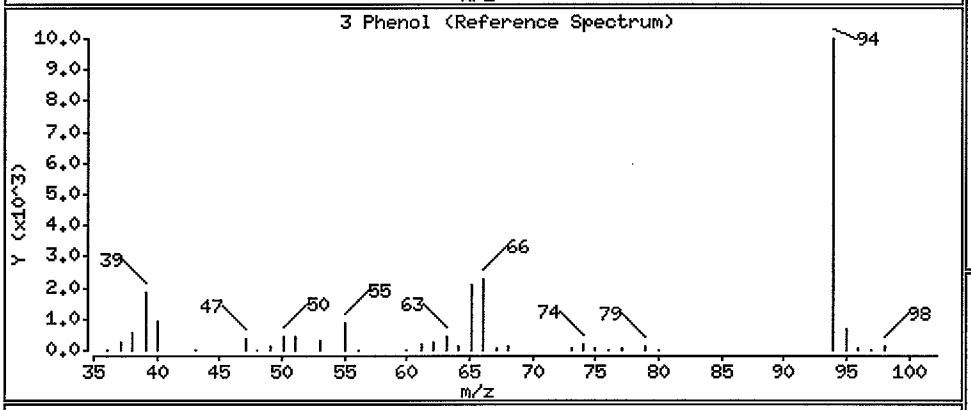
Volume Injected (uL): 1.0 Operator: LJR/VTS

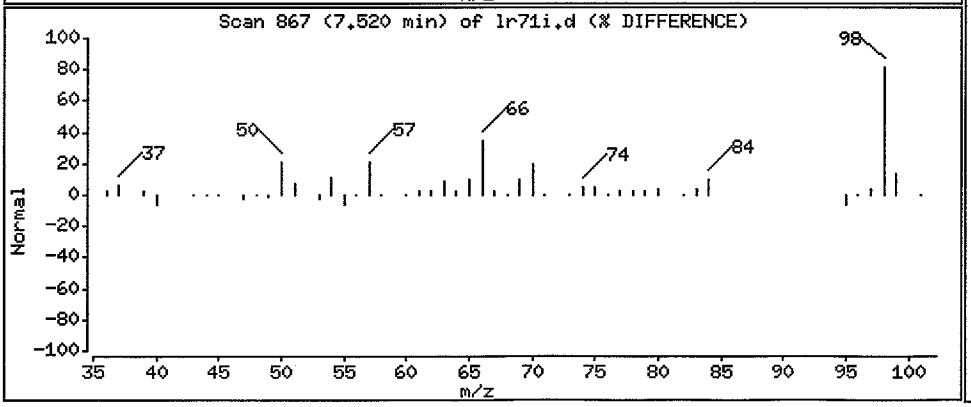
Column phase: ZB-5 Column diameter: 0.32

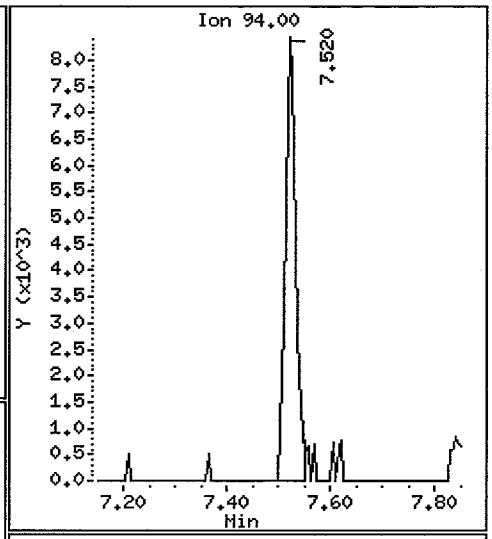
3 Phenol Concentration: 10.54 ug/kg

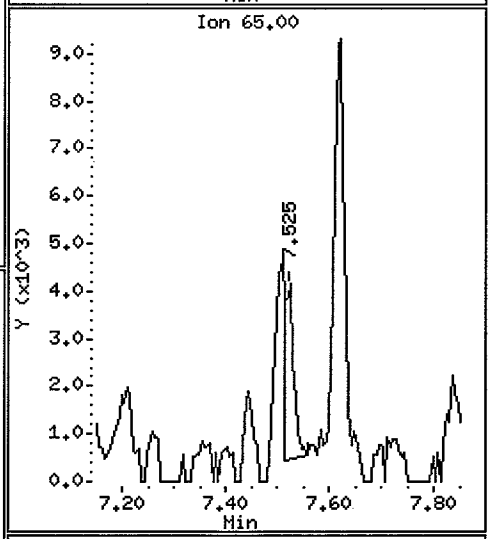


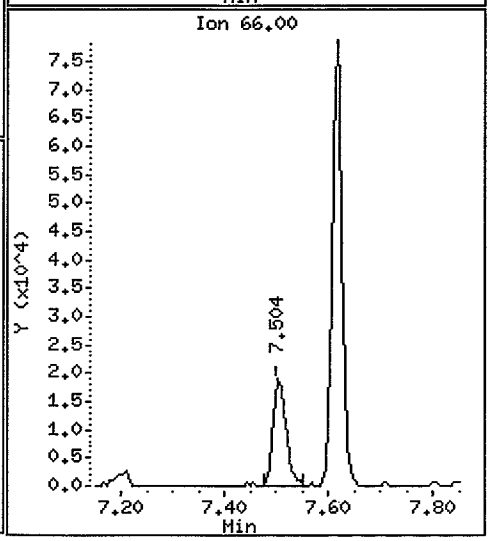












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

Client ID: AN-SS-05

Instrument: nt6.i

Sample Info: LR71I

Volume Injected (uL): 1.0

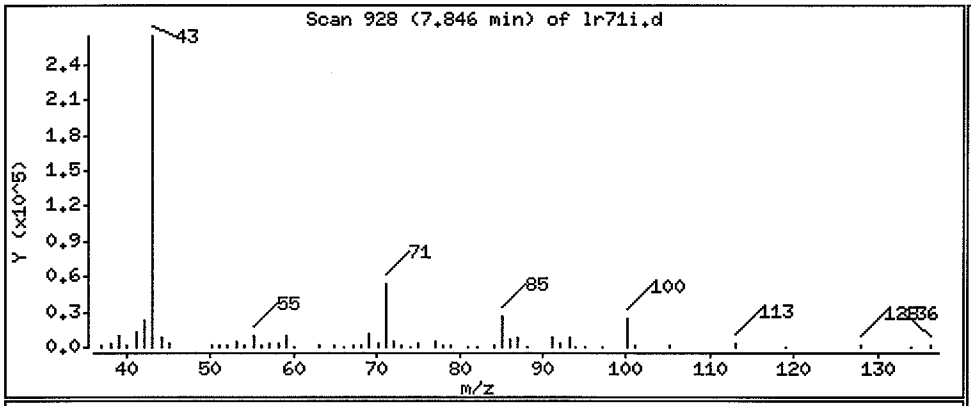
Operator: LJR/VTS

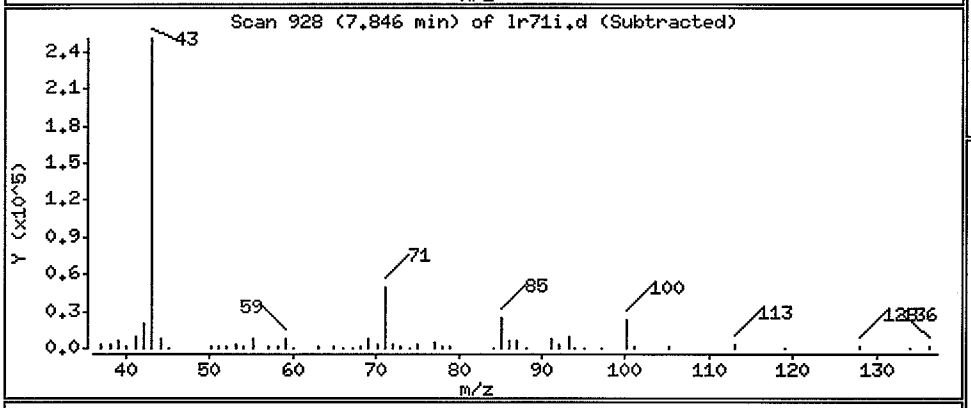
Column phase: ZB-5

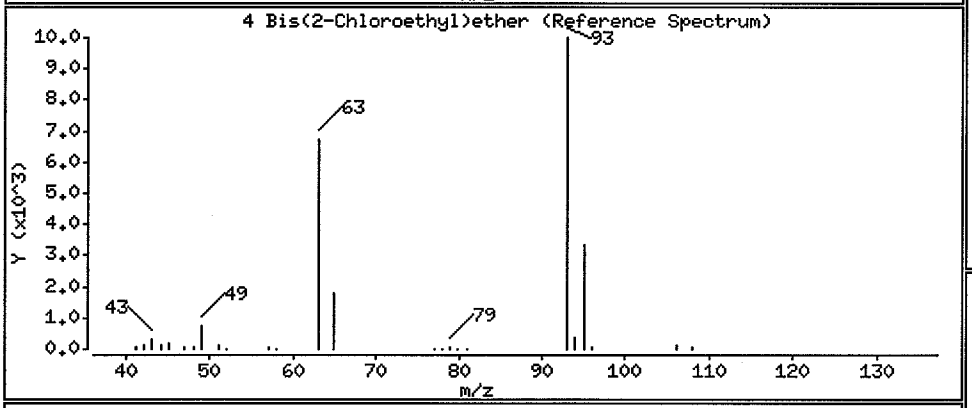
Column diameter: 0.32

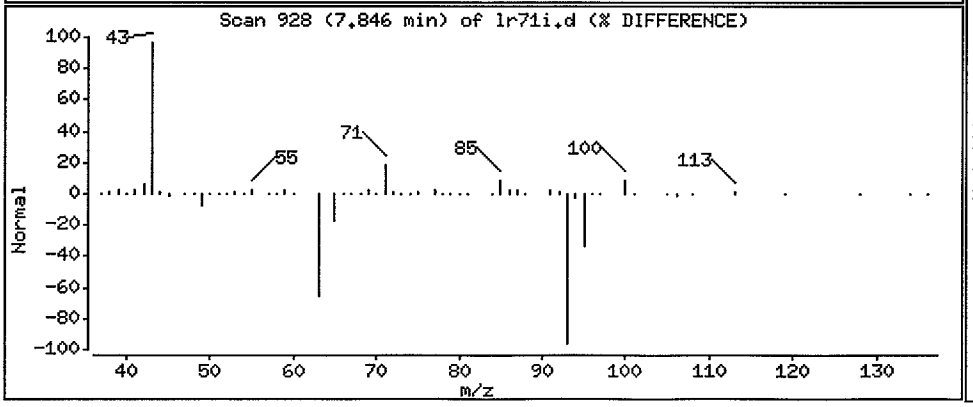
4 Bis(2-Chloroethyl)ether

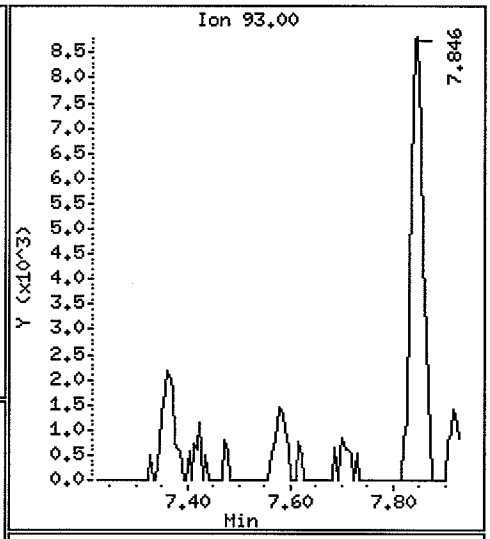
Concentration: 18.62 ug/kg

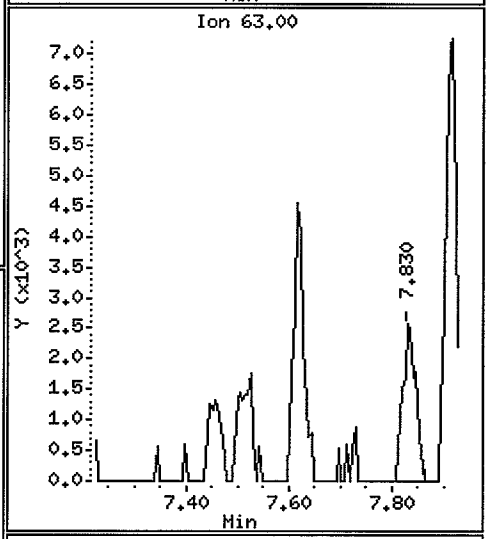


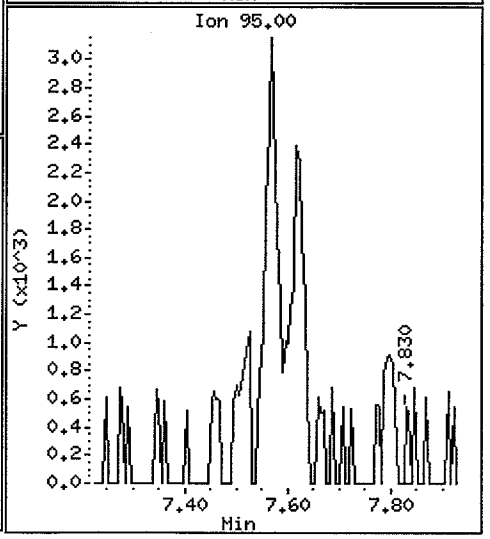












Data File: /chem1/nt6.i/20071018.b/lr71i.d

Date : 18-OCT-2007 19:44

Client ID: AN-SS-05

Instrument: nt6.i

Sample Info: LR71I

Volume Injected (uL): 1.0

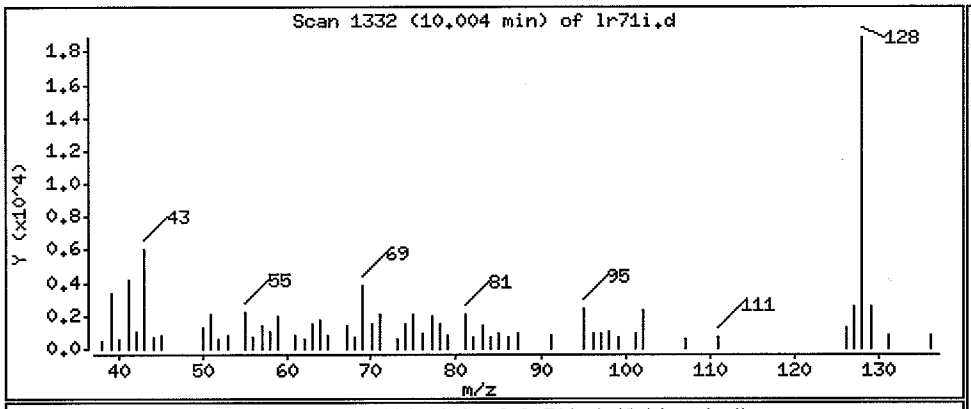
Operator: LJR/VTS

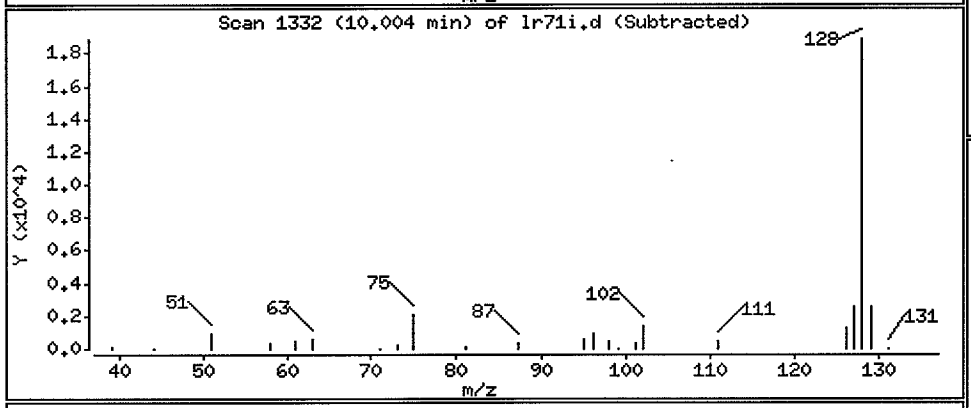
Column phase: ZB-5

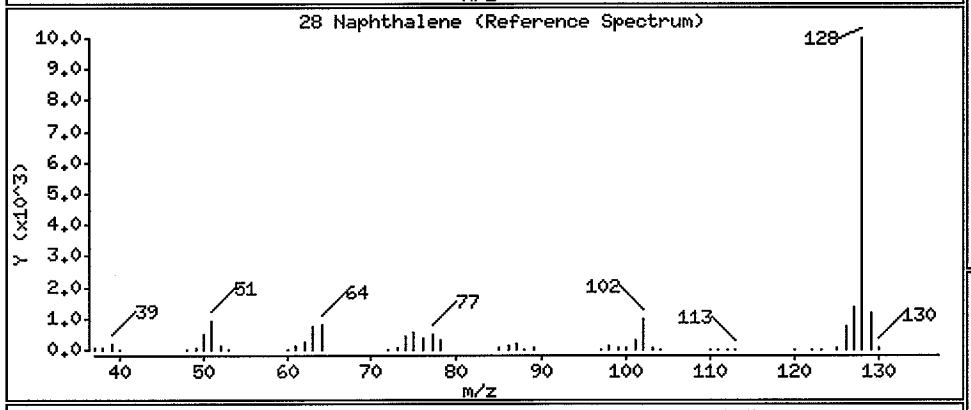
Column diameter: 0.32

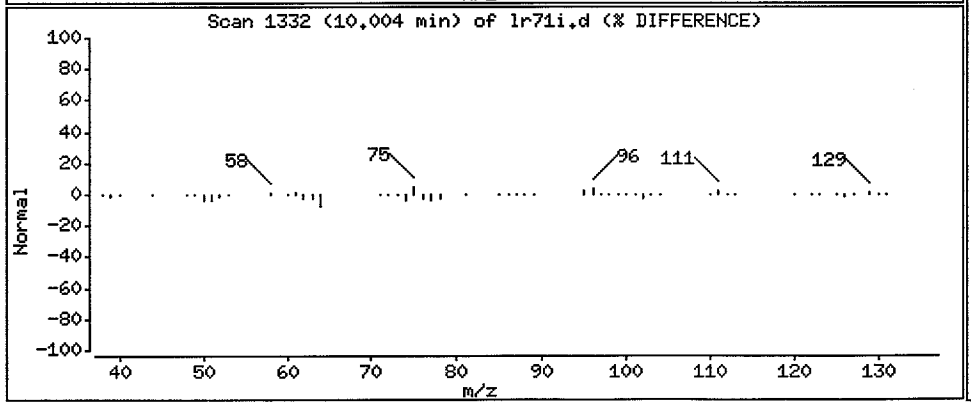
28 Naphthalene

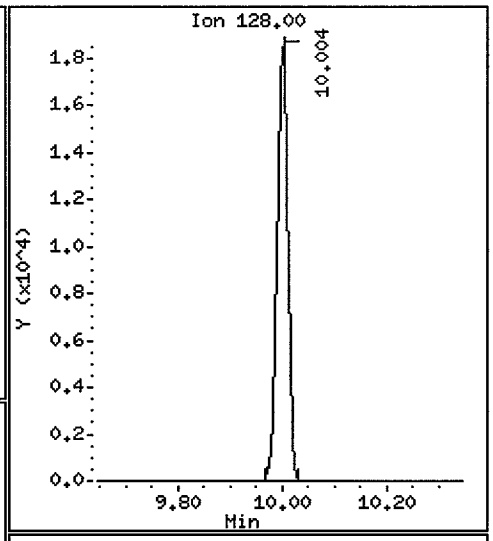
Concentration: 12.97 ug/kg

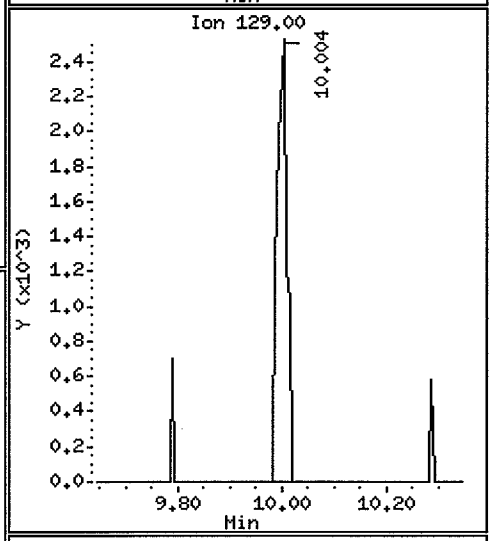


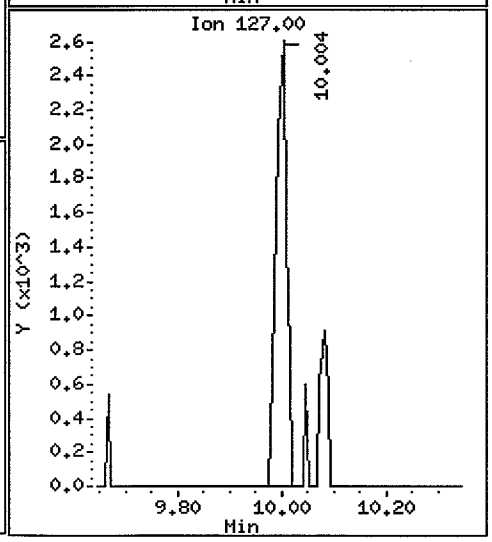












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-05**
Page 1 of 2 **REEXTRACT**

Lab Sample ID: LR71I
LIMS ID: 07-20774
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 21:21
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 48.3%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**69**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**60**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	**Benzoic Acid**	**200**	**280**
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	**Phenanthrene**	**20**	**41**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	200	< 200 Y
206-44-0	**Fluoranthene**	**20**	**260 M**
129-00-0	**Pyrene**	**20**	**85**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**28**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**35**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**30**
207-08-9	**Benzo(k)fluoranthene**	**20**	**28**
50-32-8	**Benzo(a)pyrene**	**20**	**30**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-05**
Page 2 of 2 **REEXTRACT**

Lab Sample ID: LR71I QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20774 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 21:21

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	57.2%	2-Fluorobiphenyl	56.8%
d14-p-Terphenyl	63.2%	d4-1,2-Dichlorobenzene	51.2%
d5-Phenol	56.5%	2-Fluorophenol	45.1%
2,4,6-Tribromophenol	71.5%	d4-2-Chlorophenol	55.5%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71i2.d
Lab Smp Id: LR71IRE
Inj Date : 01-NOV-2007 21:21
Operator : VTS Inst ID: nt4.i
Smp Info : LR71IRE
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJK 11/2/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.834	4.748	(0.708)	216828	16.9142	338.3
$ 2	Phenol-d5	99	6.517	6.489	(0.955)	304348	21.2109	424.2
3	Phenol	94	6.533	6.505	(0.957)	58774	3.44901	68.98
$ 5	2-Chlorophenol-d4	132	6.544	6.521	(0.959)	221651	20.8250	416.5
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	6.827	6.820	(1.000)	151499	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.126	7.114	(1.044)	87853	12.8282	256.6
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	7.703	7.686	(1.128)	34522	3.01280	60.26
$ 18	Nitrobenzene-d5	82	7.778	7.771	(0.877)	207415	14.2595	285.2
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	8.755	8.813	(0.987)	132279	14.2441	284.9(M)
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	8.873	8.872	(1.000)	551420	20.0000	
28	Naphthalene	128	8.900	8.899	(1.003)	33635	0.99356 LDL	19.87
29	4-Chloroaniline	127	Compound Not Detected.					
30	Hexachlorobutadiene	225	Compound Not Detected.					
31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
32	2-Methylnaphthalene	141	Compound Not Detected.					
33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	10.679	10.677	(0.914)	315960	14.1812	283.6
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	Compound Not Detected.					
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	11.688	11.682	(1.000)	322672	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	Compound Not Detected.					
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	Compound Not Detected.					
47	4-Nitrophenol	109	Compound Not Detected.					
48	2,4-Dinitrotoluene	165	Compound Not Detected.					
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	12.538	12.537	(1.073)	15626	0.67117 LDL	13.42(M)
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	12.965	12.953	(1.109)	74578	26.8489	537.0
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.012	14.000	(1.000)	528121	20.0000	
60	Phenanthrene	178	14.044	14.032	(1.002)	75951	2.08088	41.62(M)
61	Anthracene	178	Compound Not Detected.					
62	Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	63 Di-n-butylphthalate	149	15.273	15.197	(1.090)	372052	9.80129	196.0 (M)
	64 Fluoranthene	202	16.031	15.923	(1.144)	512478	12.9687	259.4 (M)
	65 Pyrene	202	16.320	16.260	(0.894)	199202	4.25874	85.17
$	66 Terphenyl-d14	244	16.678	16.634	(0.913)	427414	15.8285	316.6
	67 Butylbenzylphthalate	149	17.607	17.558	(0.964)	17585	0.89673 LBL	17.93 (M)
	68 Benzo(a)anthracene	228	18.238	18.199	(0.999)	61170	1.41016	28.20
*	69 Chrysene-d12	240	18.259	18.221	(1.000)	583655	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	18.291	18.258	(1.002)	74951	1.75655	35.13 (H)
	72 bis(2-Ethylhexyl)phthalate	149	Compound Not Detected.					
*	134 Di-n-octylphthalate-d4	153	19.531	19.503	(1.000)	812092	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	19.872	19.818	(0.976)	50590	1.51514	30.30 (M)
	75 Benzo(k)fluoranthene	252	19.872	19.850	(0.976)	48978	1.38857	27.77 (M)
	76 Benzo(a)pyrene	252	20.278	20.245	(0.996)	43892	1.47606	29.52 (MH)
*	77 Perylene-d12	264	20.364	20.325	(1.000)	490412	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	Compound Not Detected.					
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71i2.d
Lab Smp Id: LR71IRE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

Calibration Date: 01-NOV-2007
Calibration Time: 14:35

Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	151499	4.21
27 Naphthalene-d8	530525	265262	1061050	551420	3.94
42 Acenaphthene-d10	280701	140350	561402	322672	14.95
59 Phenanthrene-d10	391934	195967	783868	528121	34.75
69 Chrysene-d12	354658	177329	709316	583655	64.57
134 Di-n-octylphthala	506314	253157	1012628	812092	60.39
77 Perylene-d12	400782	200391	801564	490412	22.36

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.83	0.10
27 Naphthalene-d8	8.87	8.37	9.37	8.87	0.01
42 Acenaphthene-d10	11.68	11.18	12.18	11.69	0.06
59 Phenanthrene-d10	14.00	13.50	14.50	14.01	0.08
69 Chrysene-d12	18.22	17.72	18.72	18.26	0.21
134 Di-n-octylphthala	19.50	19.00	20.00	19.53	0.14
77 Perylene-d12	20.33	19.83	20.83	20.36	0.19

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

Client Name:
Sample Matrix: SOLID
Lab Smp Id: LR71IRE
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

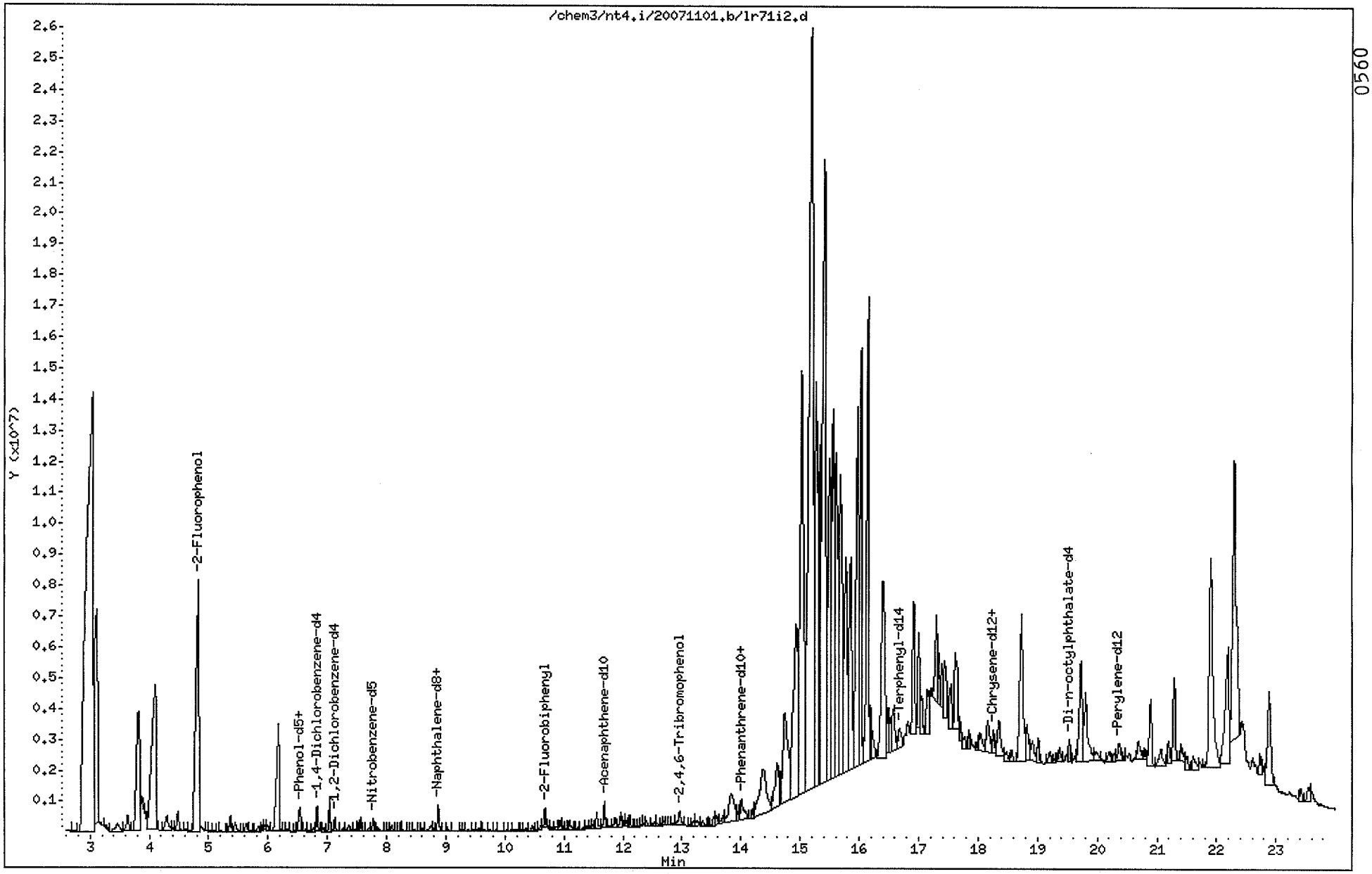
Client SDG: 20071101
Fraction: SV

Operator: VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	338.3	45.10	11-84
$ 2 Phenol-d5	750.0	424.2	56.56	25-86
$ 5 2-Chlorophenol-d4	750.0	416.5	55.53	23-91
$ 10 1,2-Dichlorobenzen	500.0	256.6	51.31	24-90
$ 18 Nitrobenzene-d5	500.0	285.2	57.04	26-88
$ 36 2-Fluorobiphenyl	500.0	283.6	56.72	34-91
$ 55 2,4,6-Tribromophen	750.0	537.0	71.60	25-107
$ 66 Terphenyl-d14	500.0	316.6	63.31	22-100

Data File: /chem3/nt4.i/20071101.b/lr71i2.d
Date : 01-NOV-2007 21:21
Client ID:
Sample Info: LR71IRE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32



0560

Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

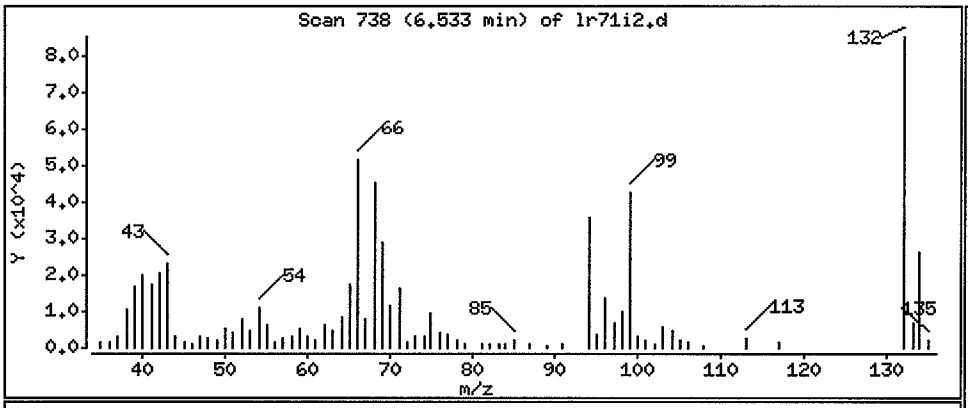
Operator: VTS

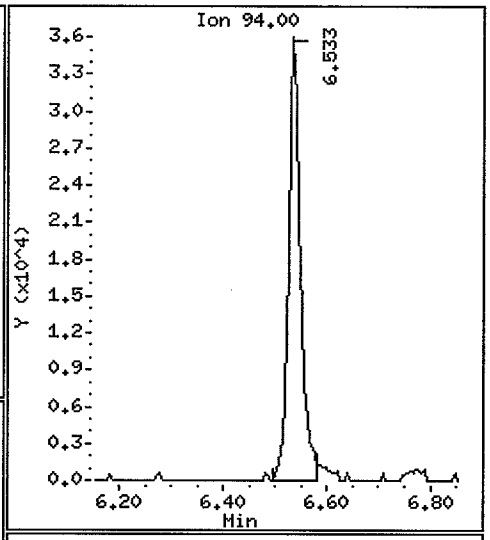
Column phase: ZB-5

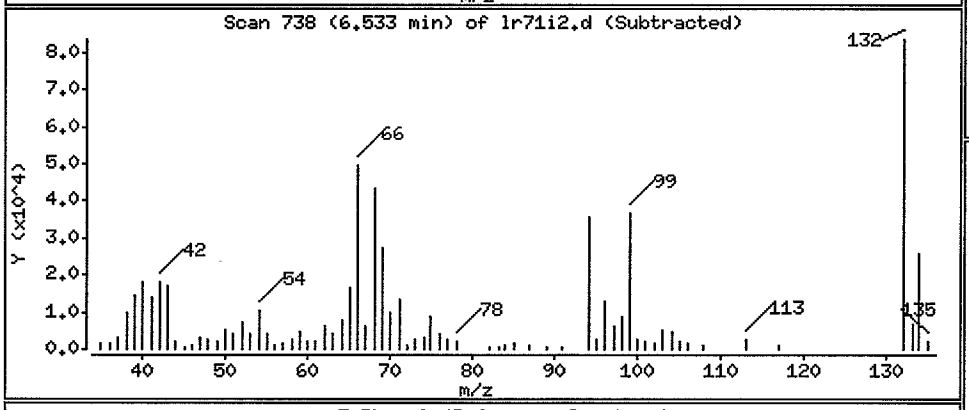
Column diameter: 0.32

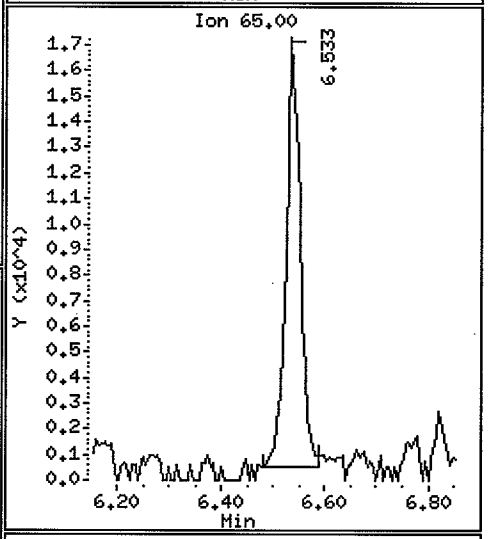
3 Phenol

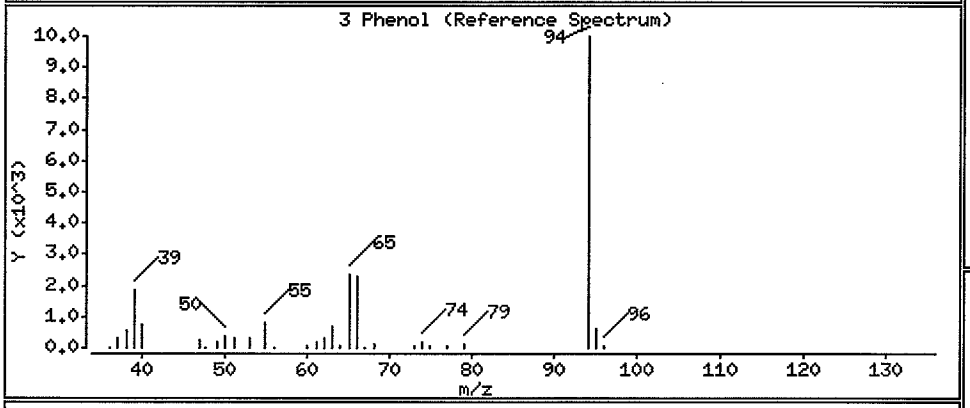
Concentration: 68.98 ug/Kg

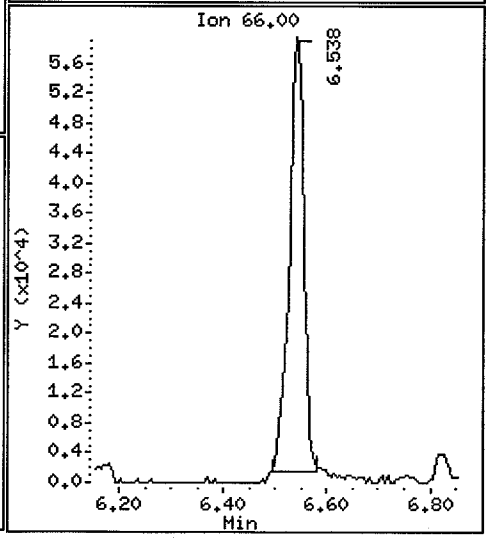


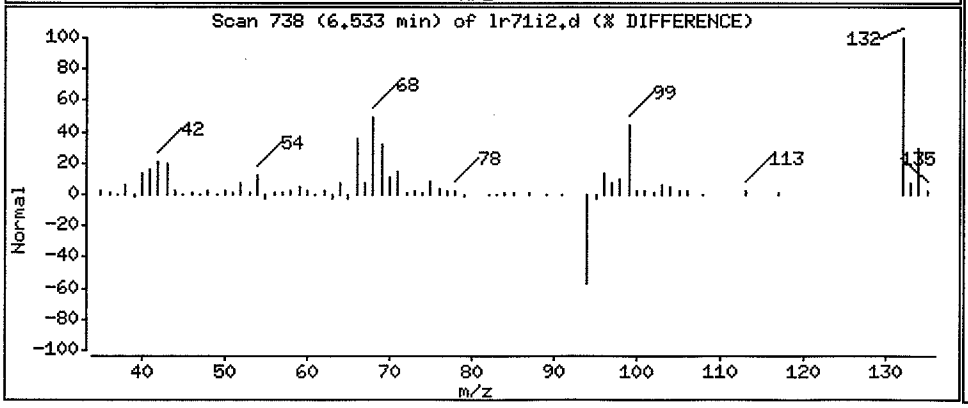












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

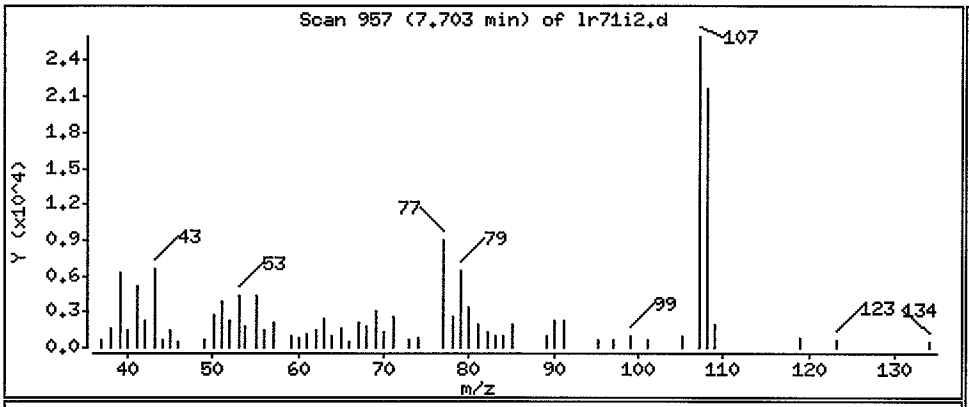
Operator: VTS

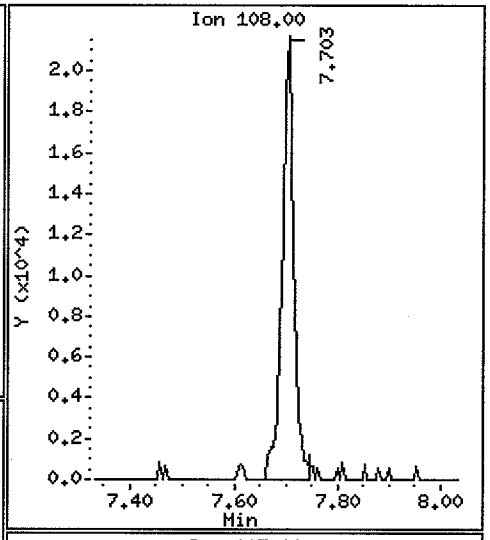
Column phase: ZB-5

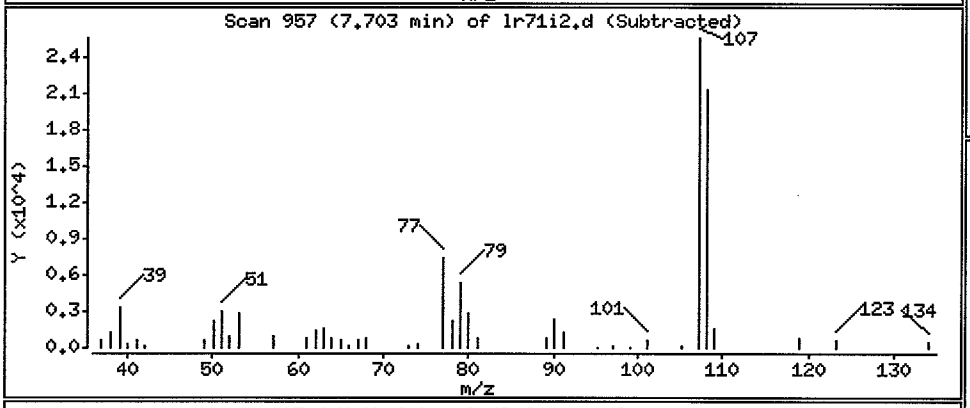
Column diameter: 0.32

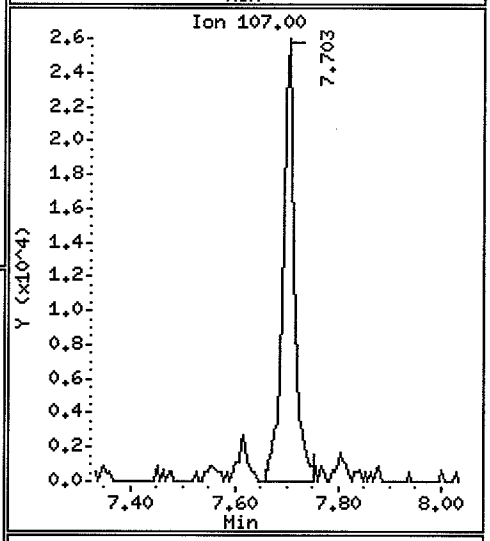
15 4-Methylphenol

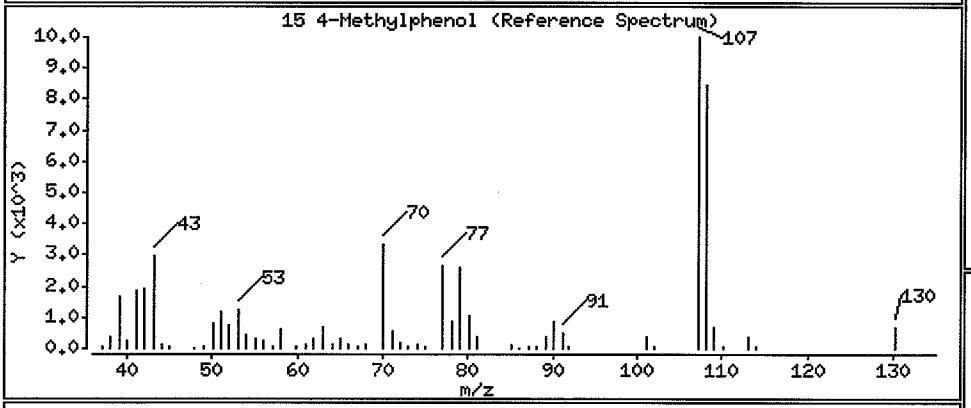
Concentration: 60.26 ug/Kg

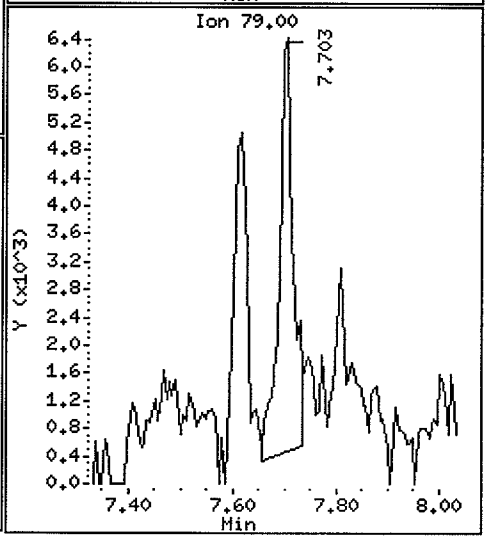


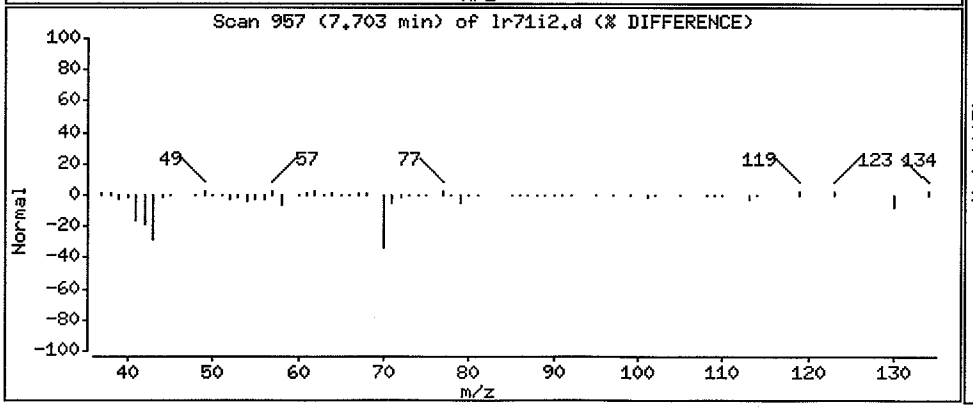












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

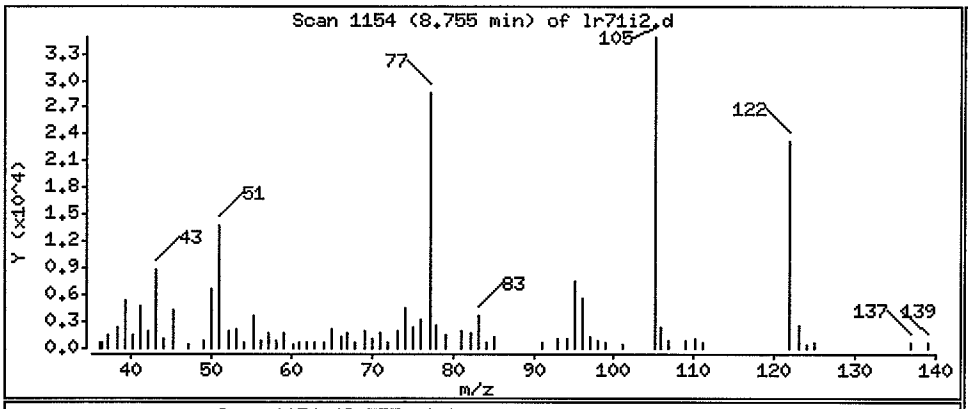
Operator: VTS

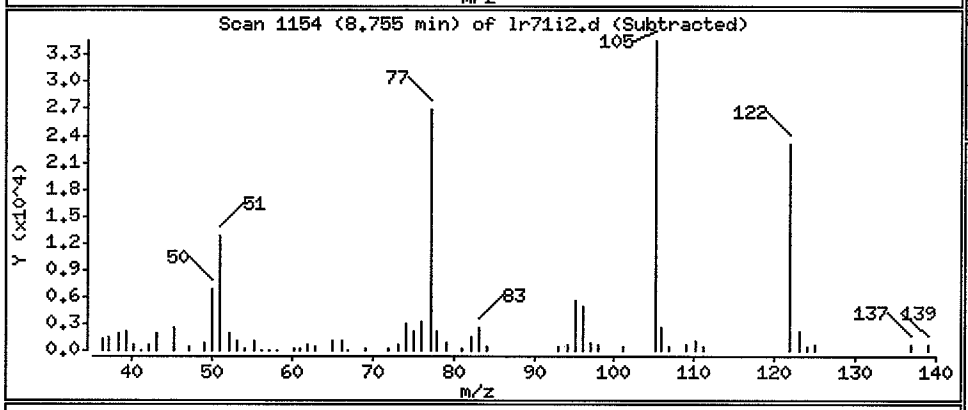
Column phase: ZB-5

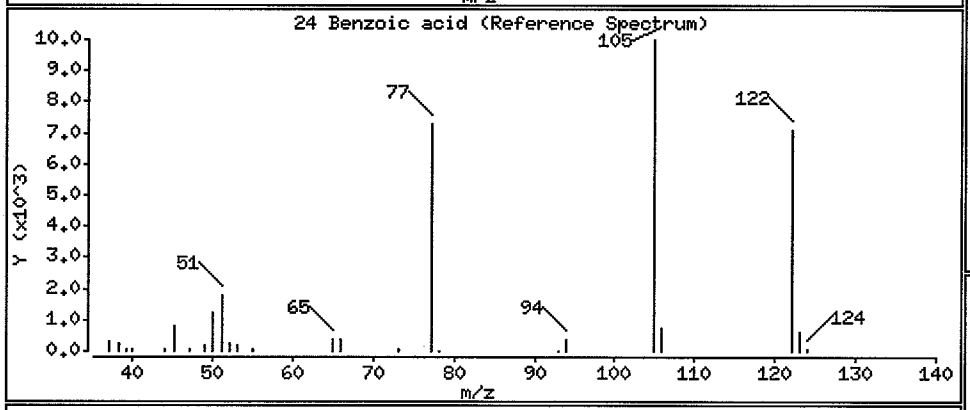
Column diameter: 0.32

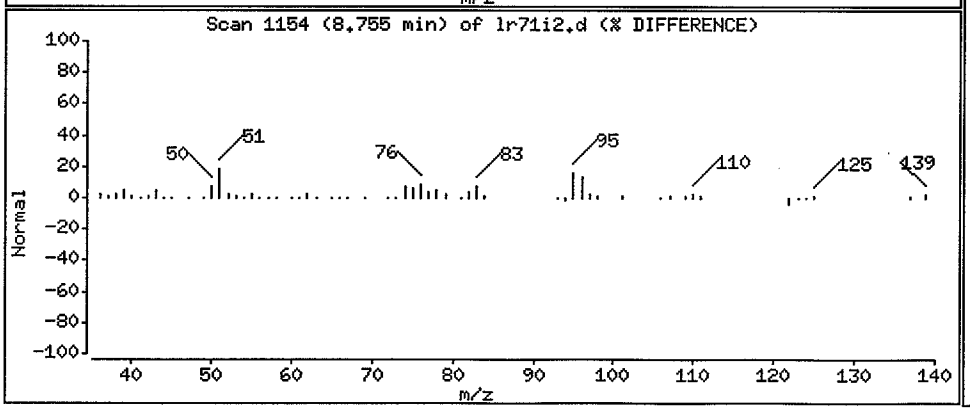
24 Benzoic acid

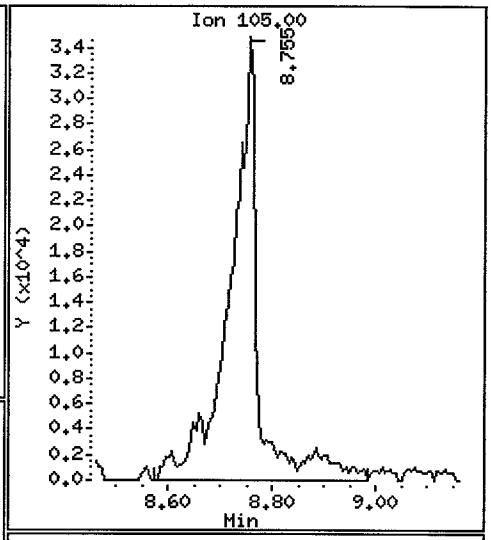
Concentration: 284.9 ug/Kg

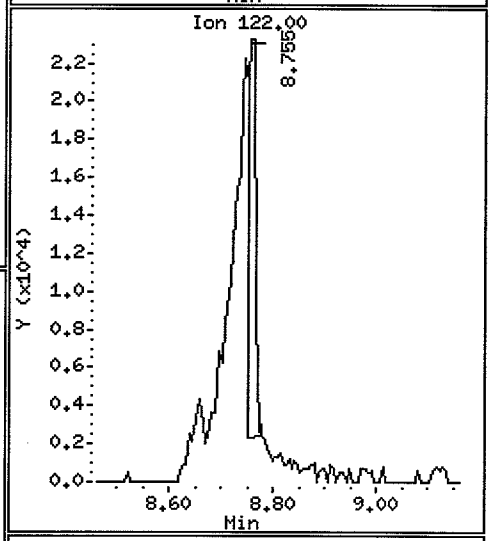


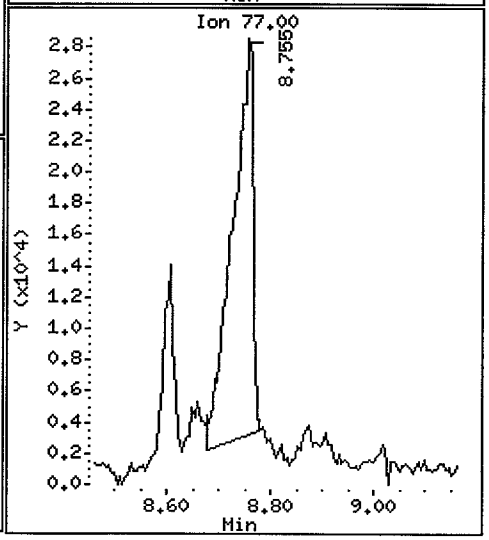












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

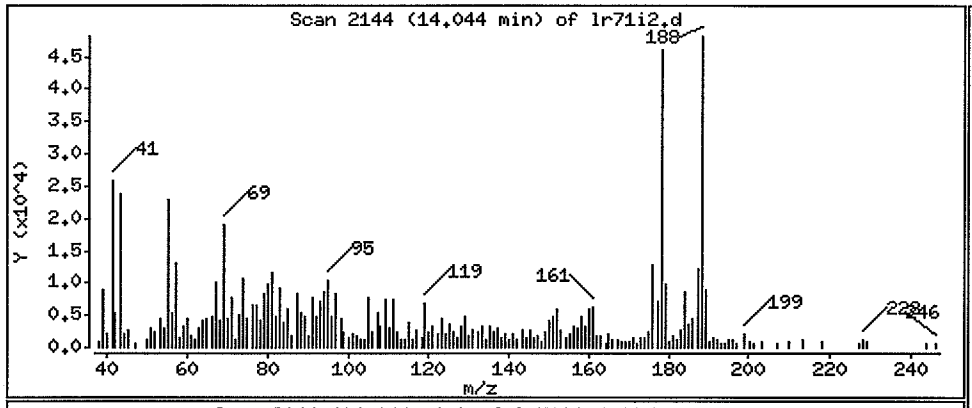
Operator: VTS

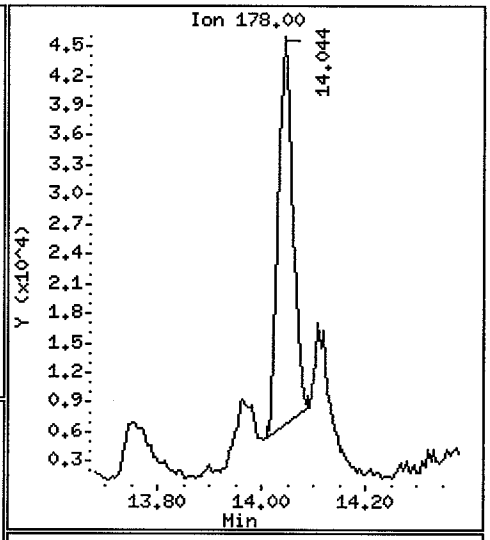
Column phase: ZB-5

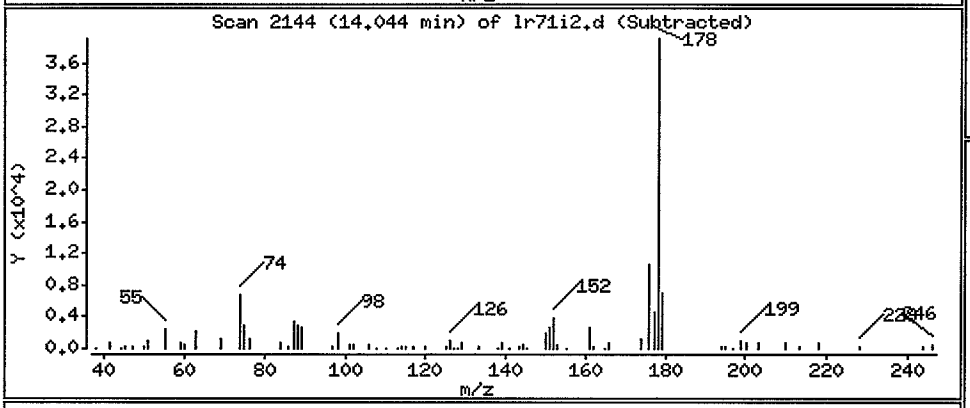
Column diameter: 0.32

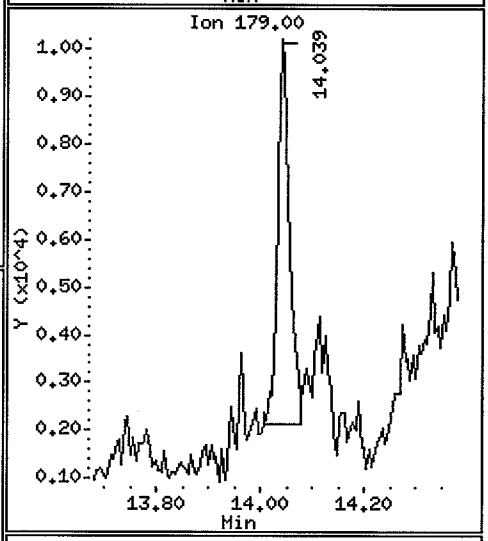
60 Phenanthrene

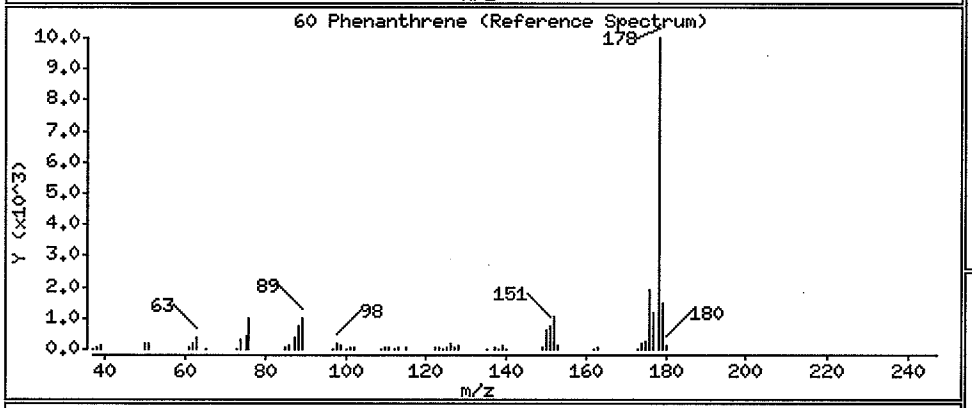
Concentration: 41.62 ug/Kg

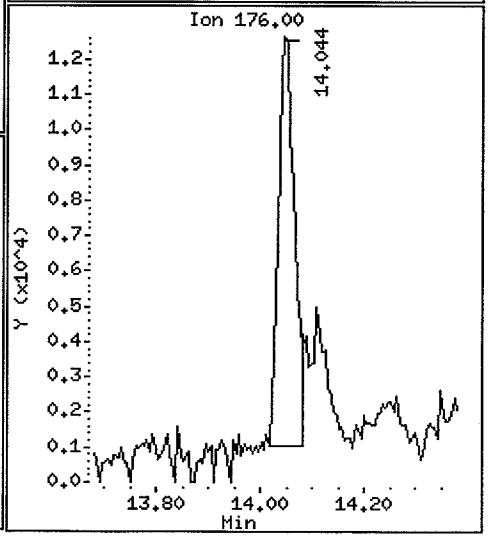


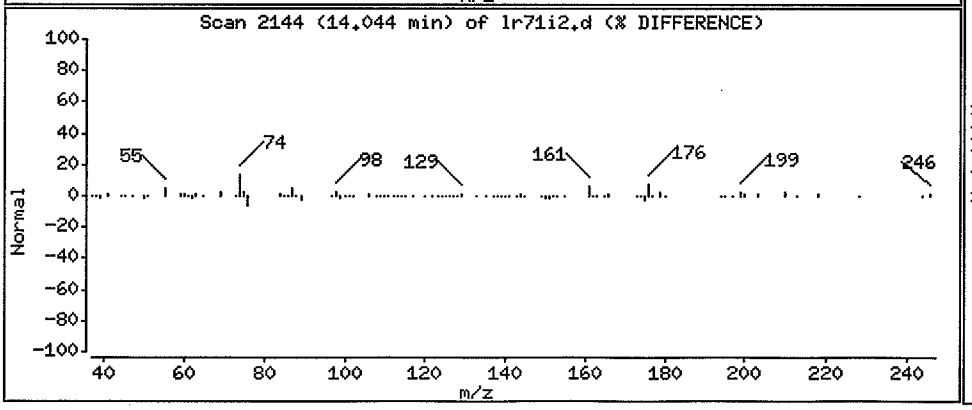












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

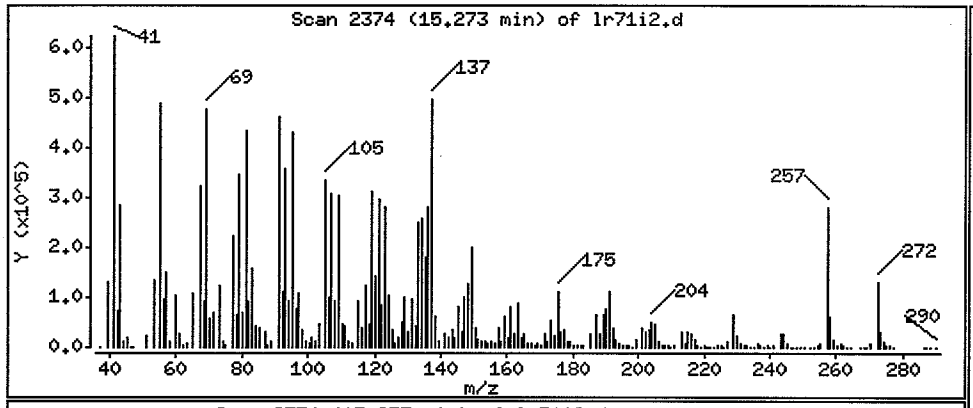
Operator: VTS

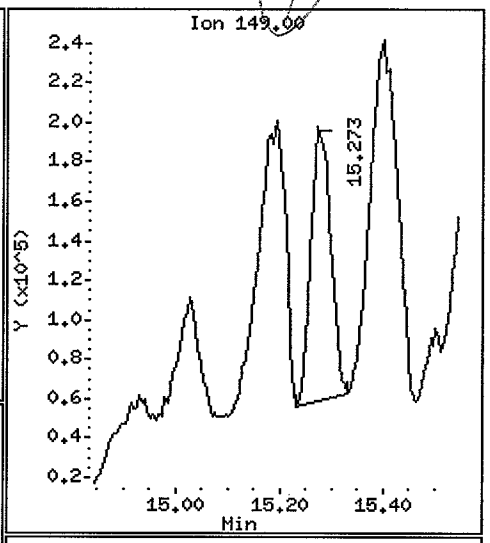
Column phase: ZB-5

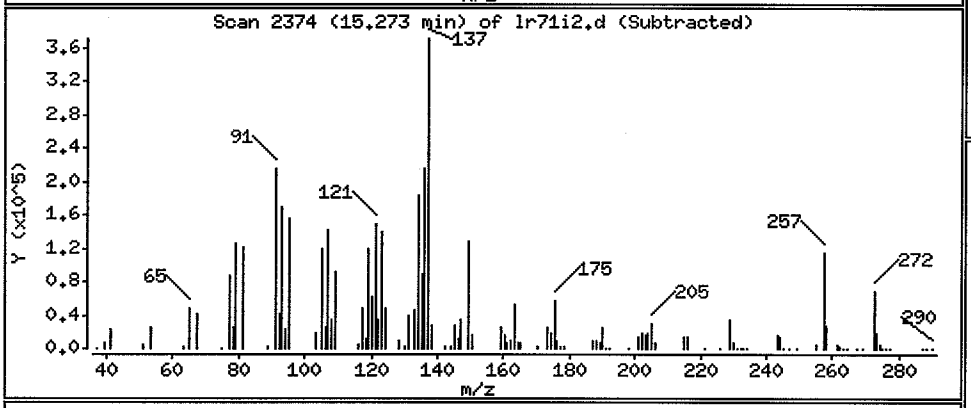
Column diameter: 0.32

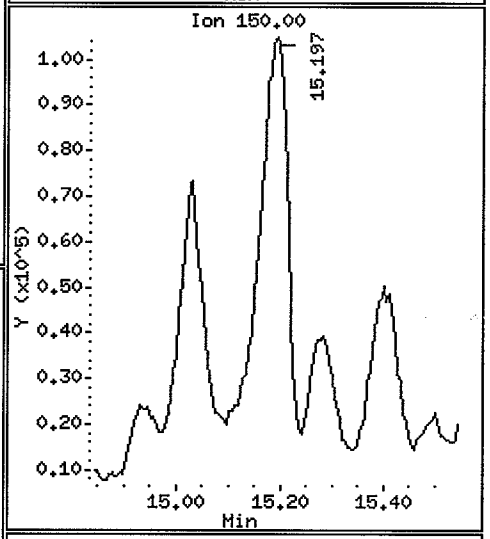
63 Di-n-butylphthalate

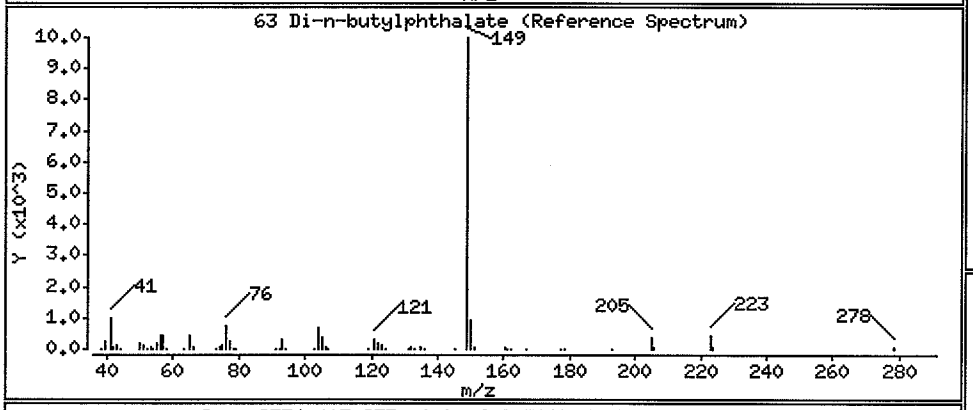
Concentration: 196.0 ug/Kg

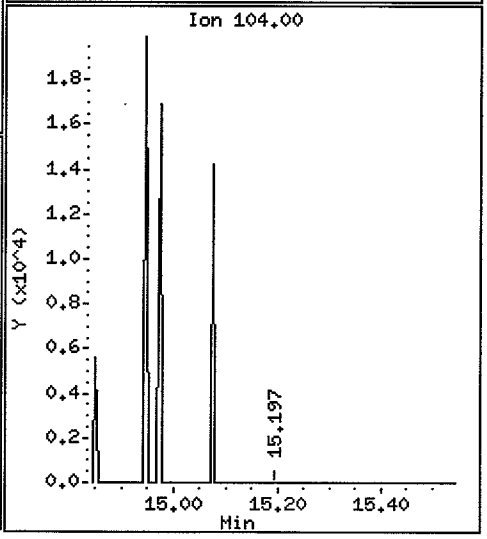


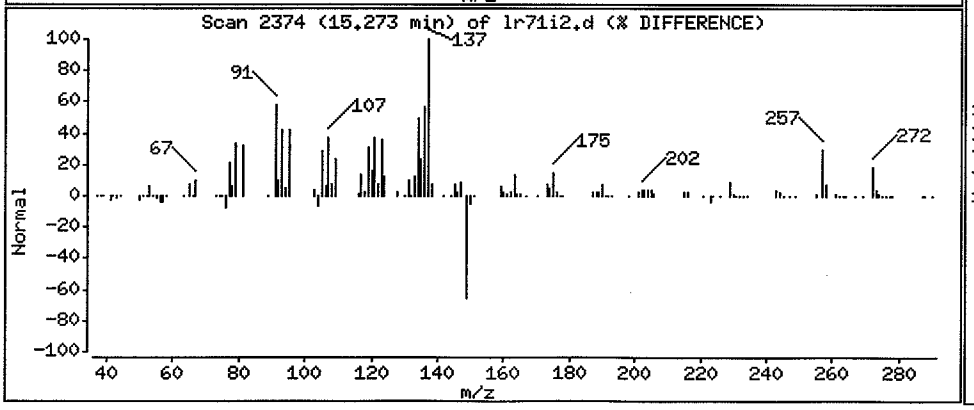












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

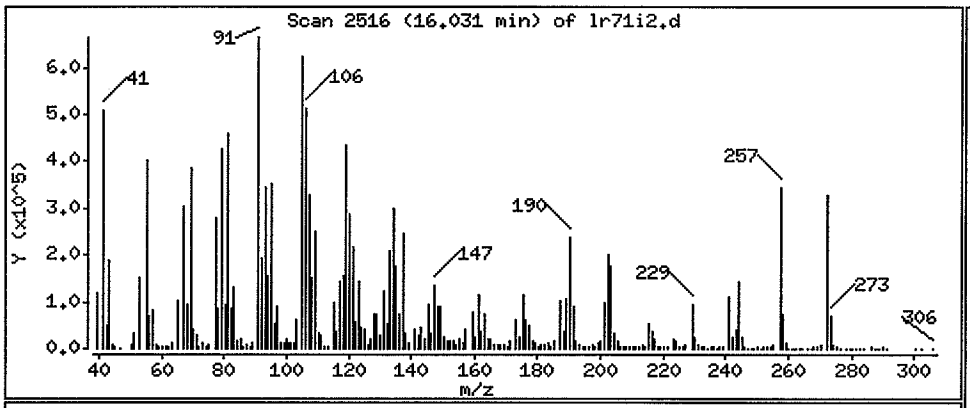
Operator: VTS

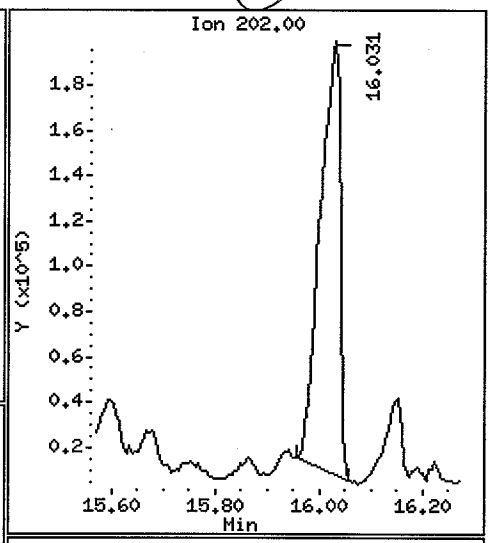
Column phase: ZB-5

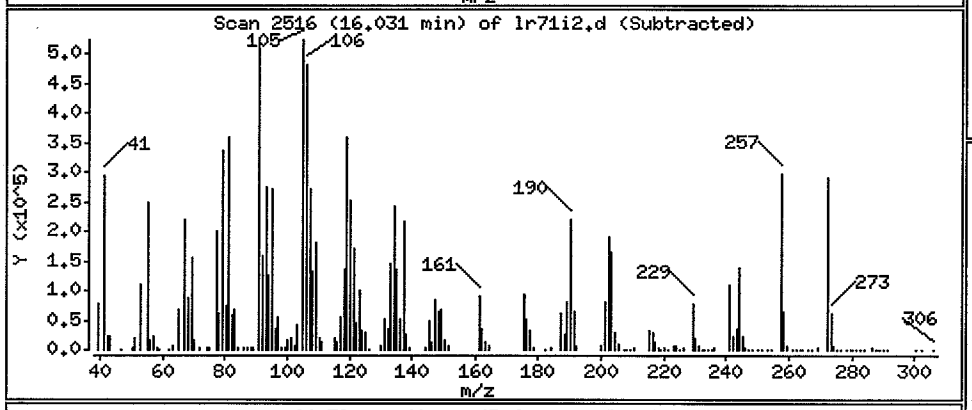
Column diameter: 0.32

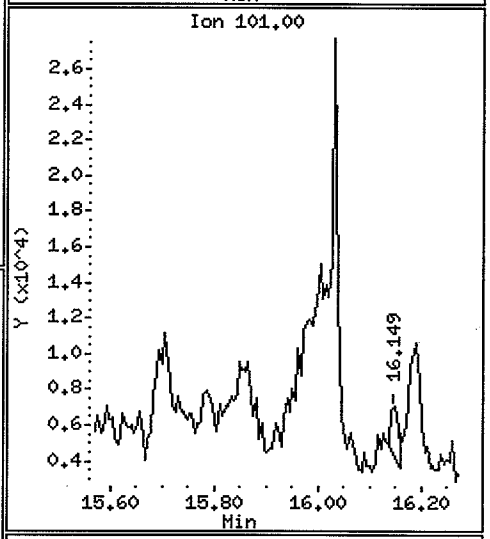
64 Fluoranthene

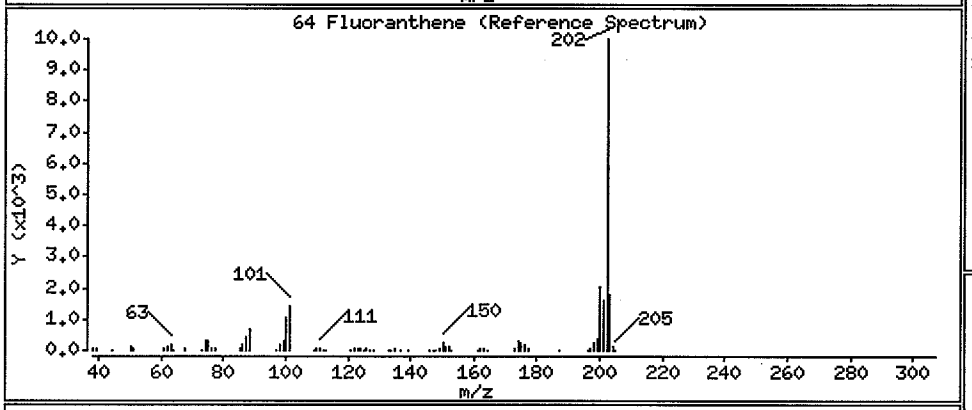
Concentration: 259.4 ug/Kg

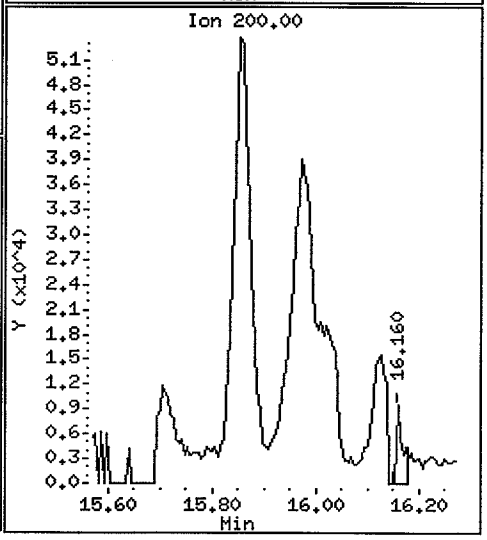


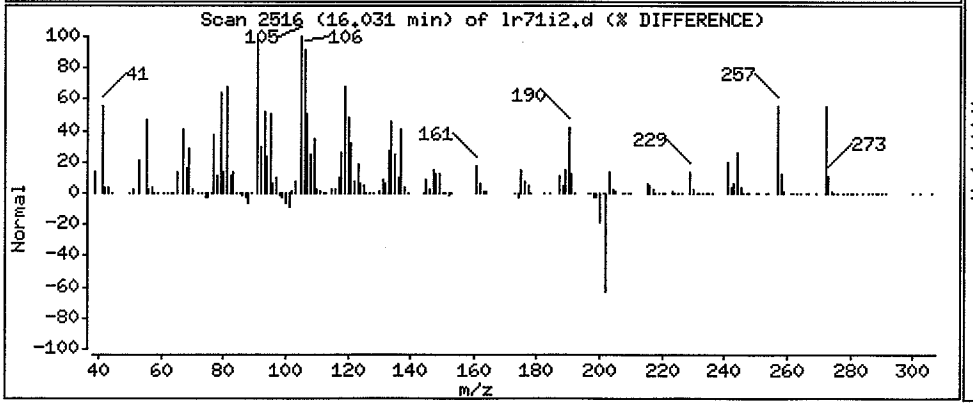












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

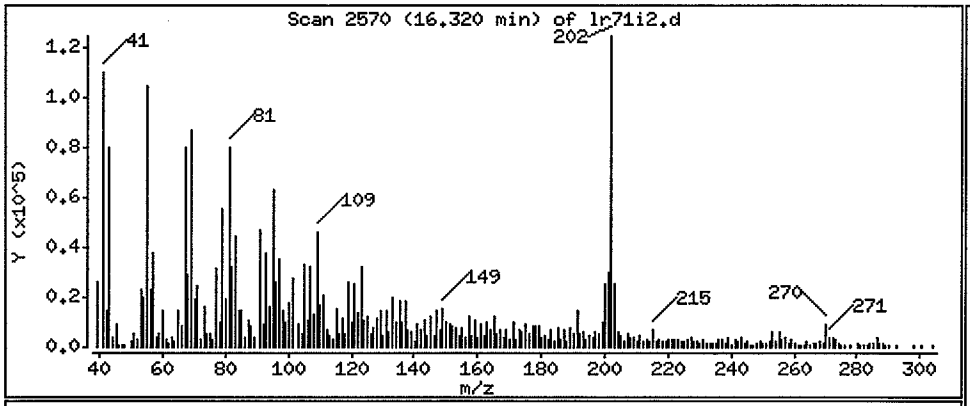
Operator: VTS

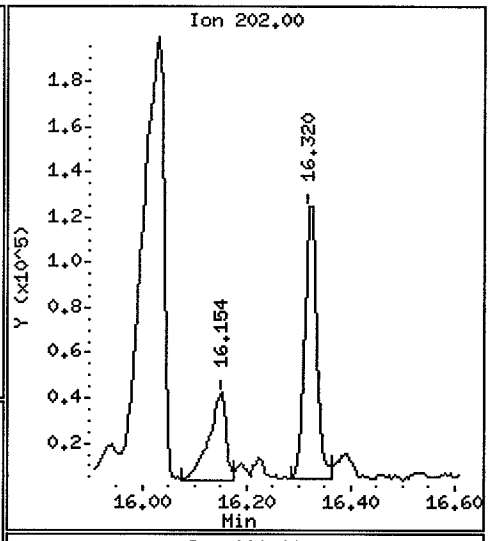
Column phase: ZB-5

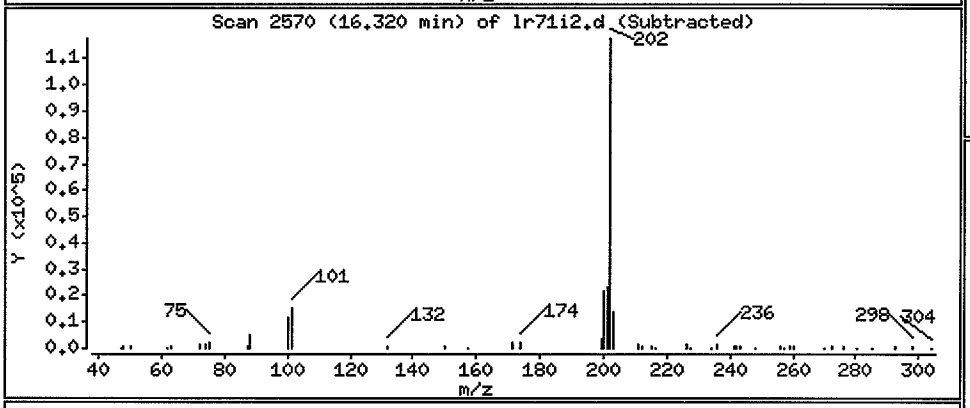
Column diameter: 0.32

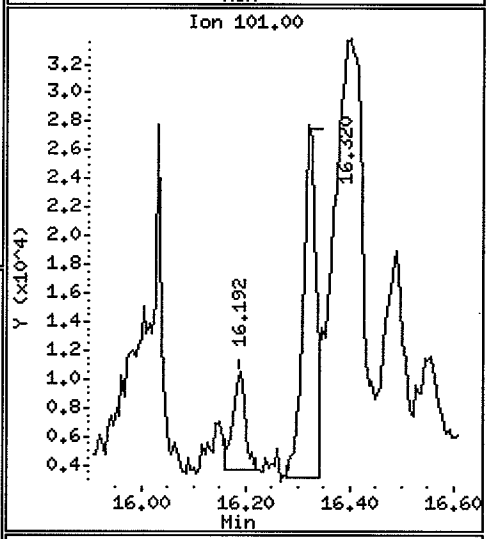
65 Pyrene

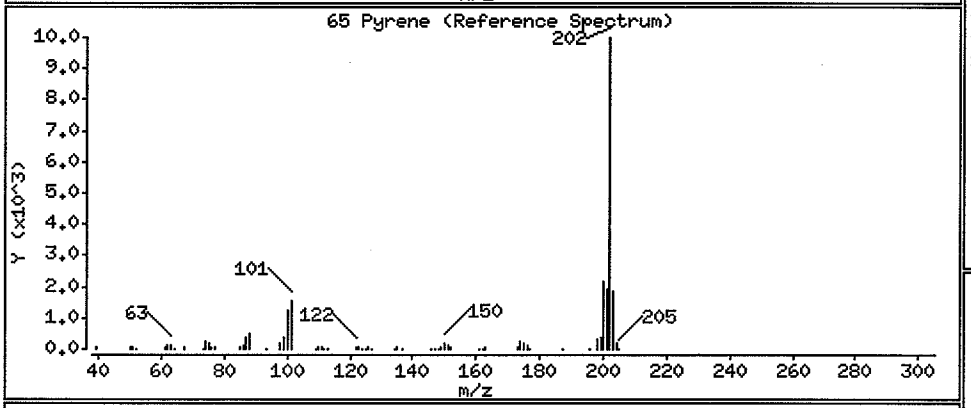
Concentration: 85.17 ug/Kg

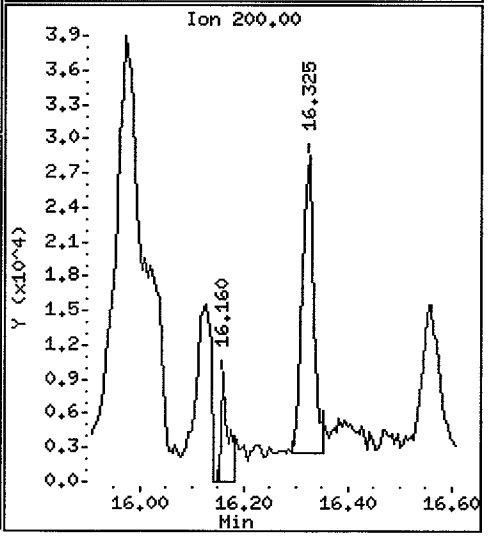


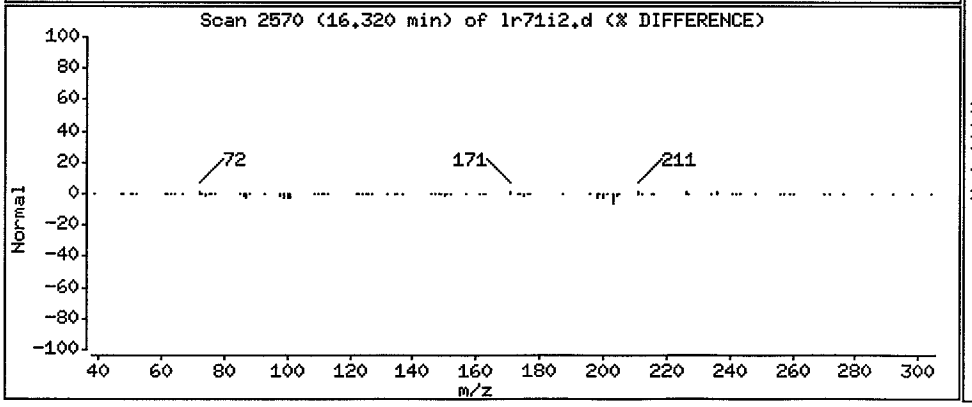












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

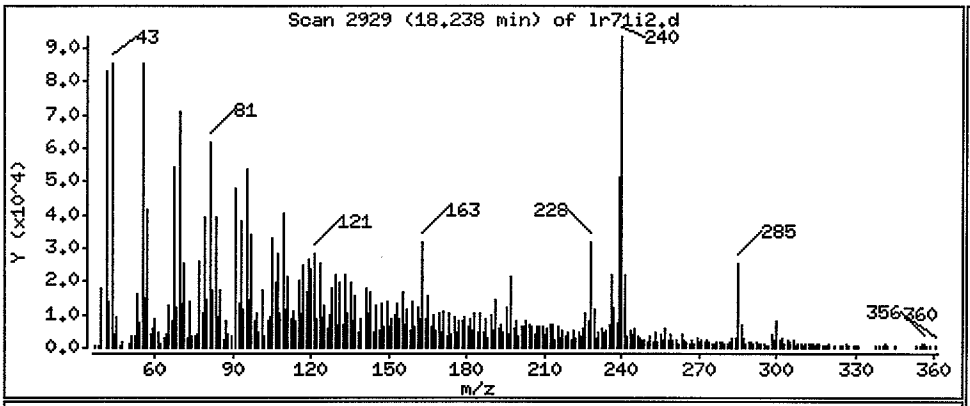
Operator: VTS

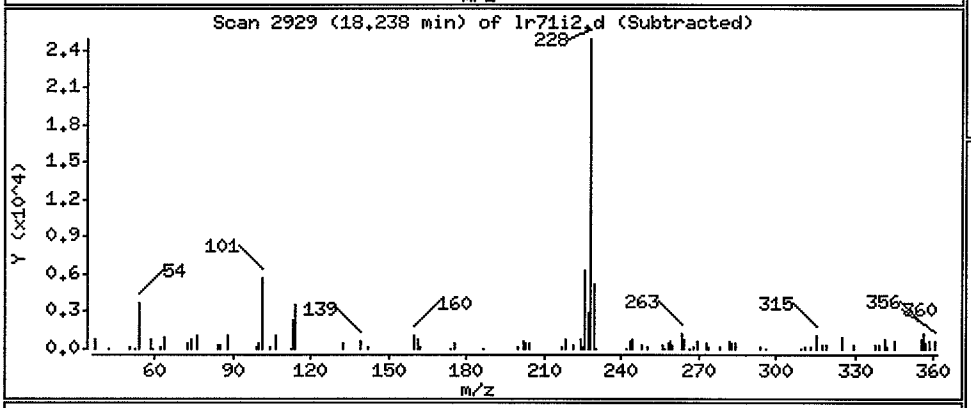
Column phase: ZB-5

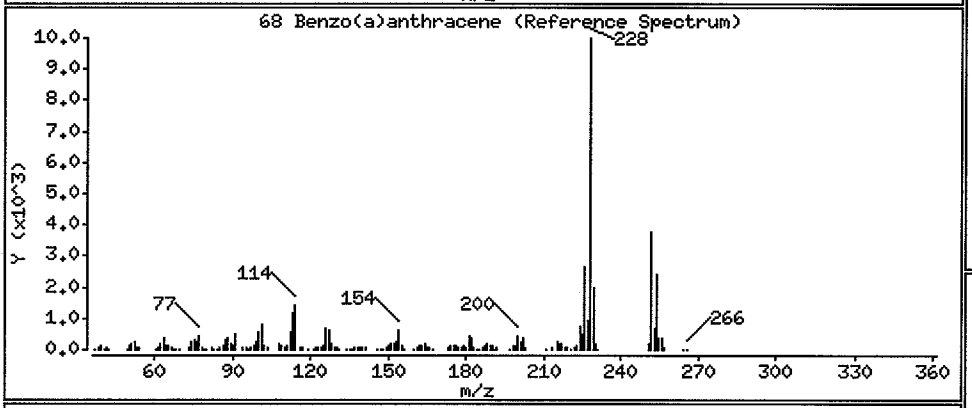
Column diameter: 0.32

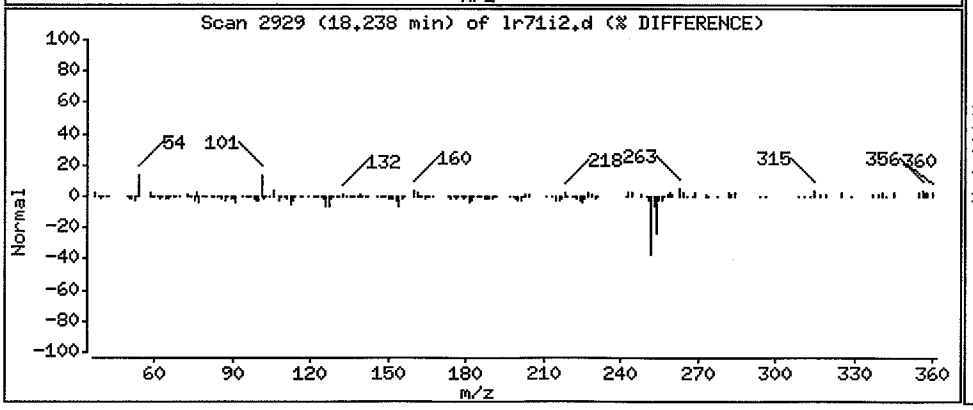
68 Benzo(a)anthracene

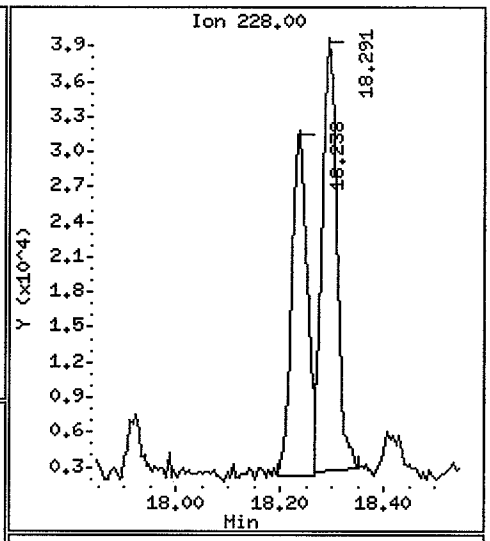
Concentration: 28.20 ug/Kg

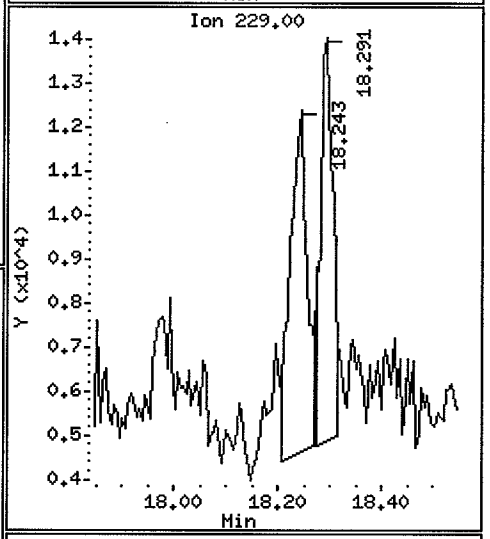


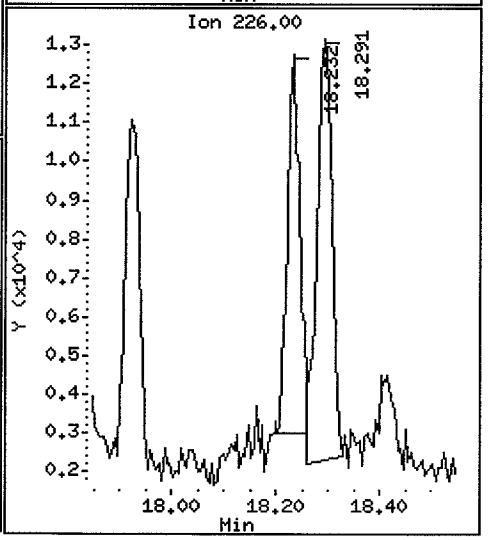












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

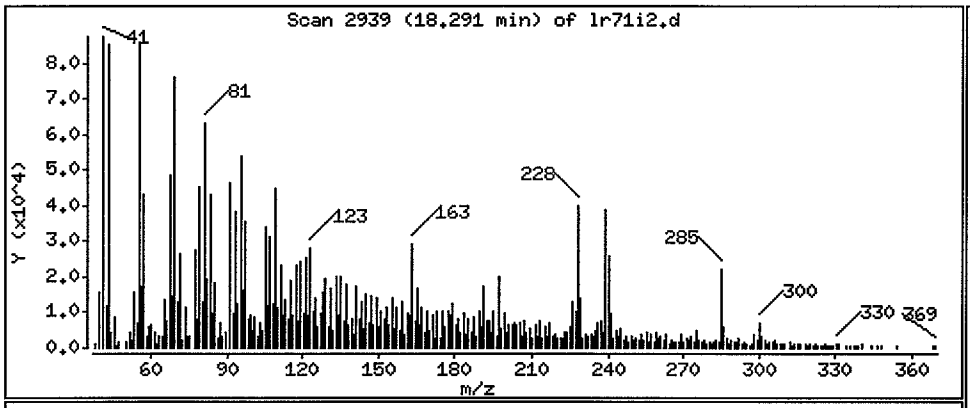
Operator: VTS

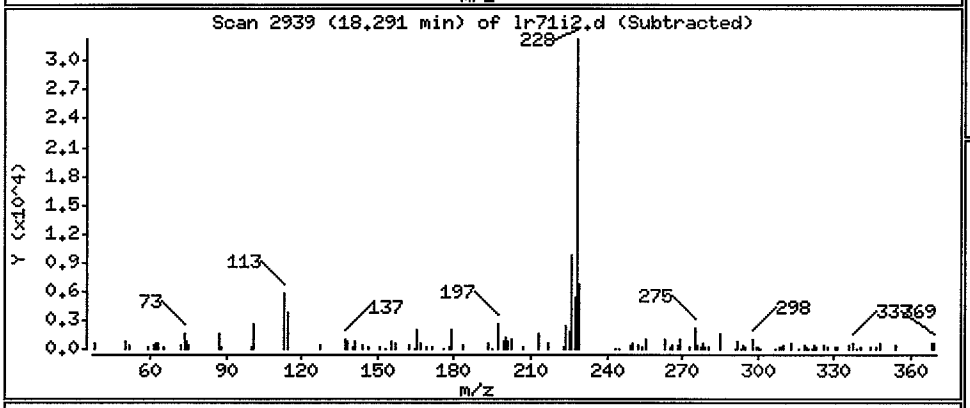
Column phase: ZB-5

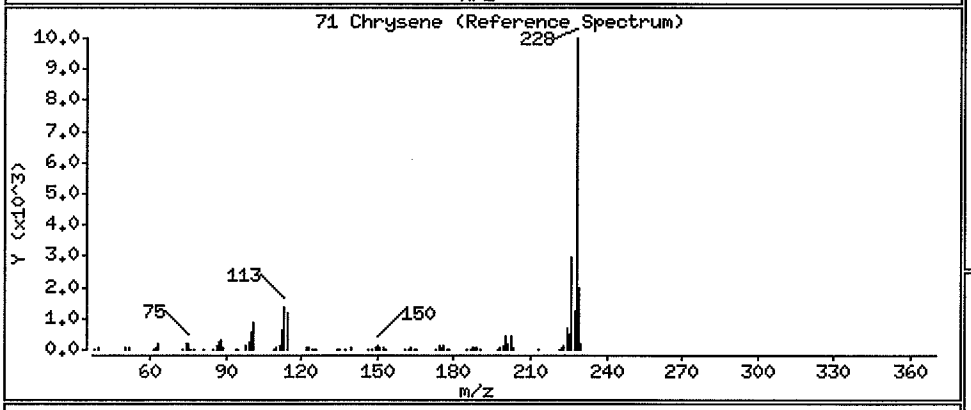
Column diameter: 0.32

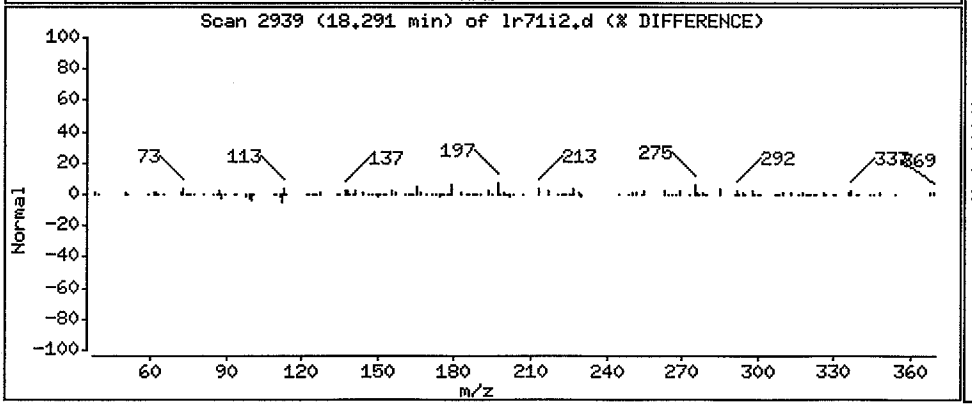
71 Chrysene

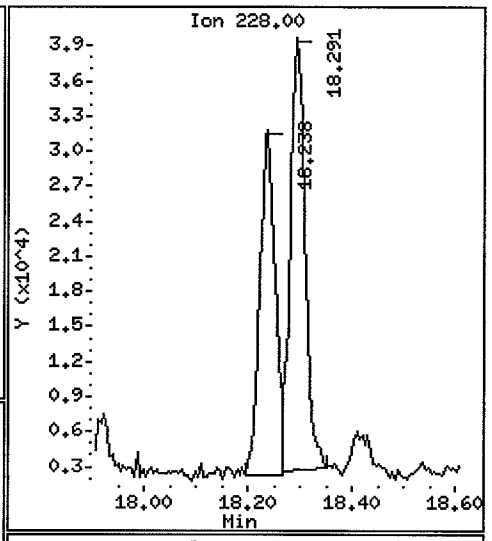
Concentration: 35.13 ug/Kg

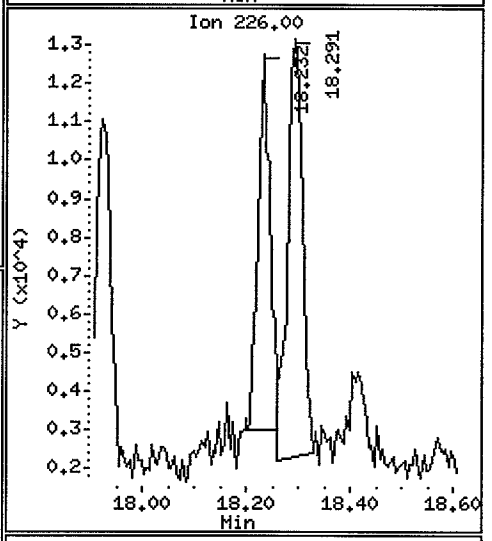


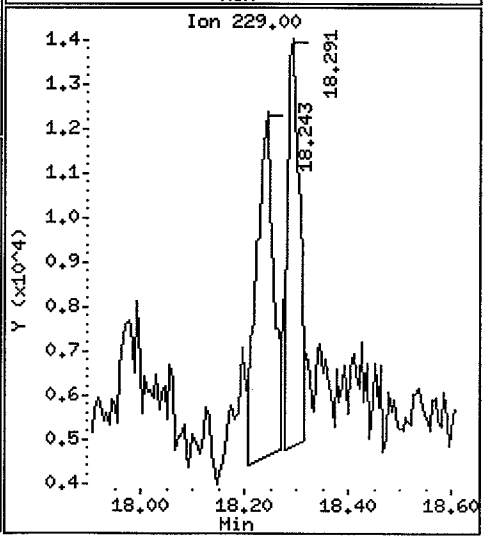












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

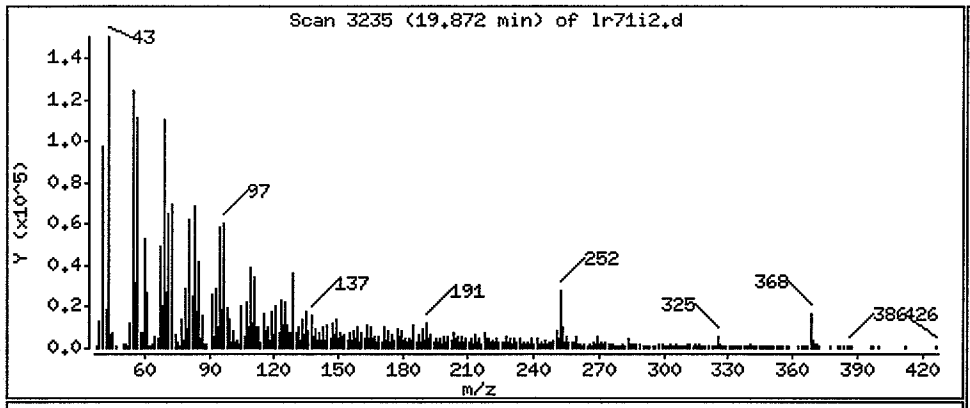
Operator: VTS

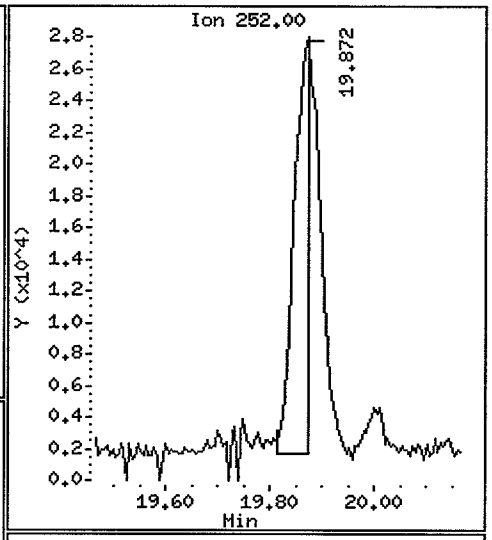
Column phase: ZB-5

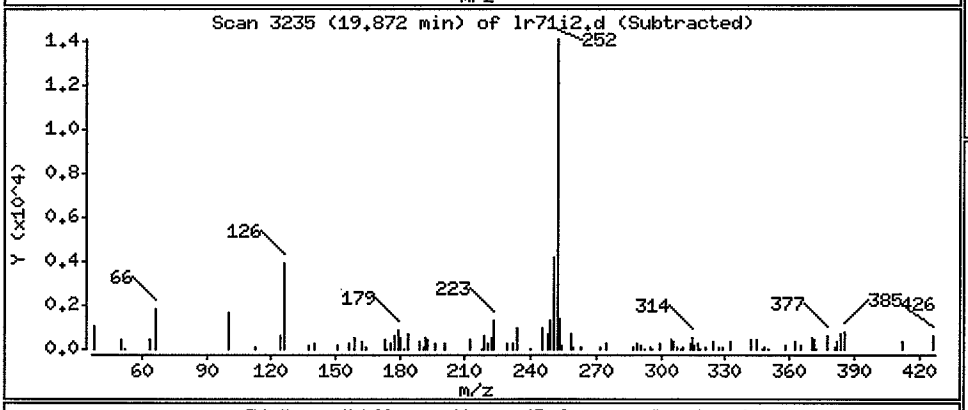
Column diameter: 0.32

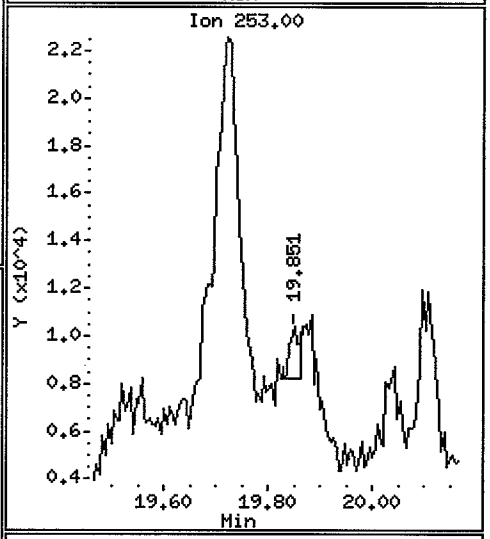
74 Benzo(b)fluoranthene

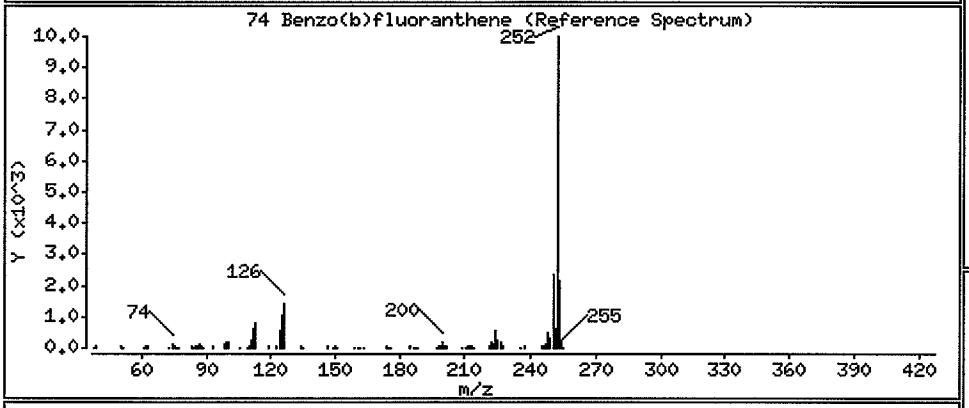
Concentration: 30.30 ug/Kg

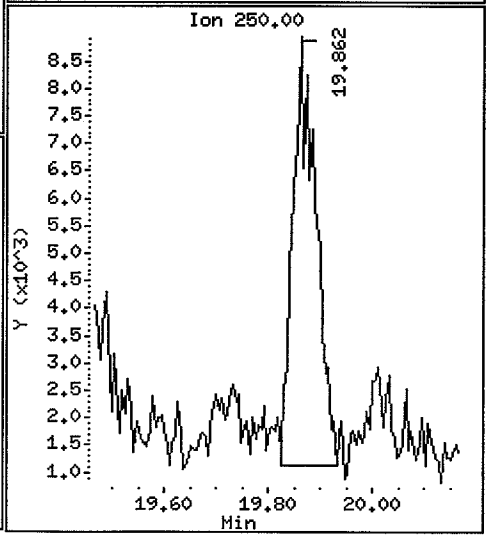


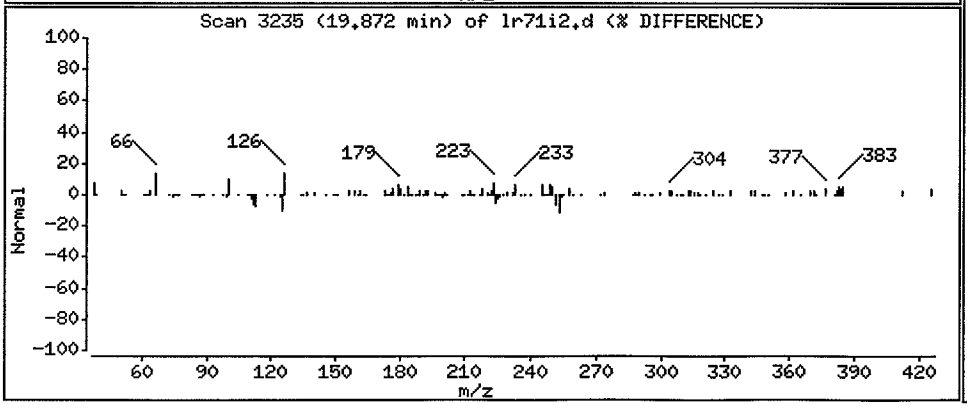












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

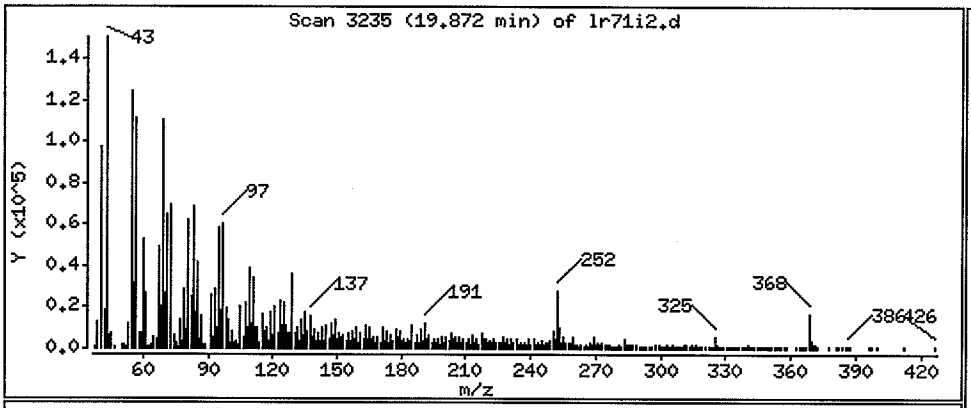
Operator: VTS

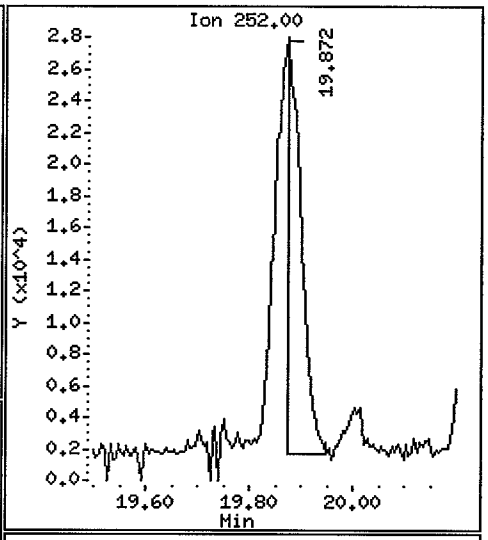
Column phase: ZB-5

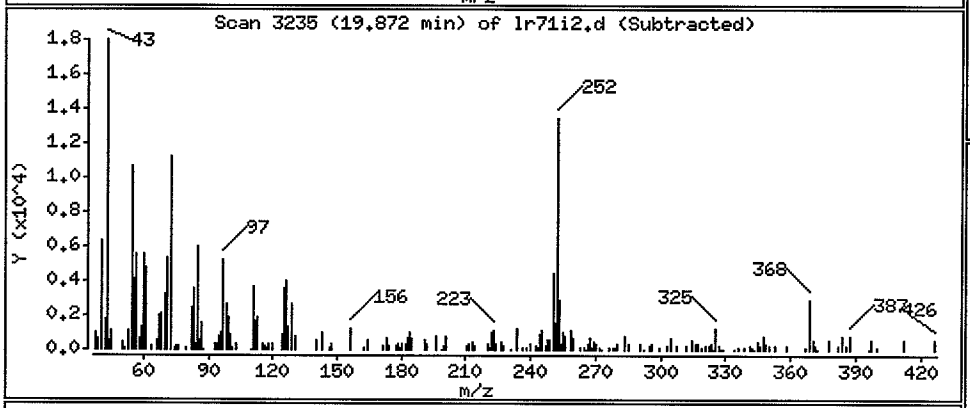
Column diameter: 0.32

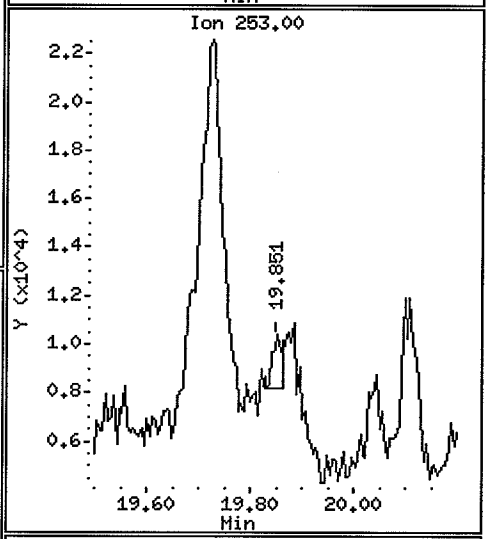
75 Benzo(k)fluoranthene

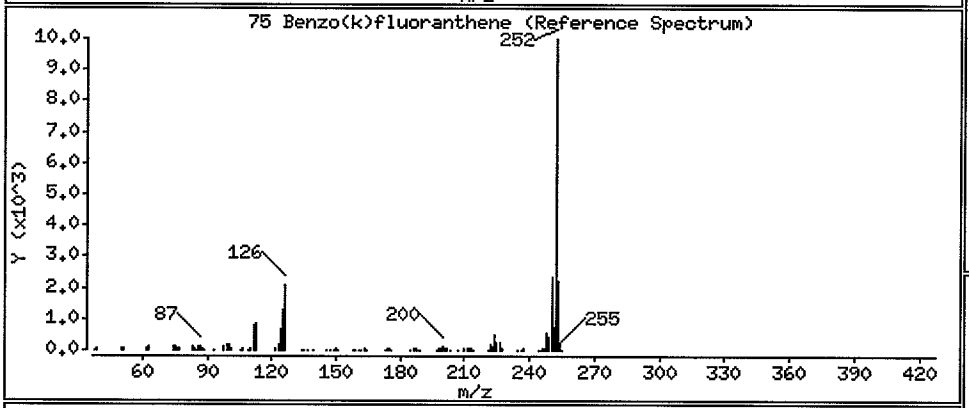
Concentration: 27.77 ug/Kg

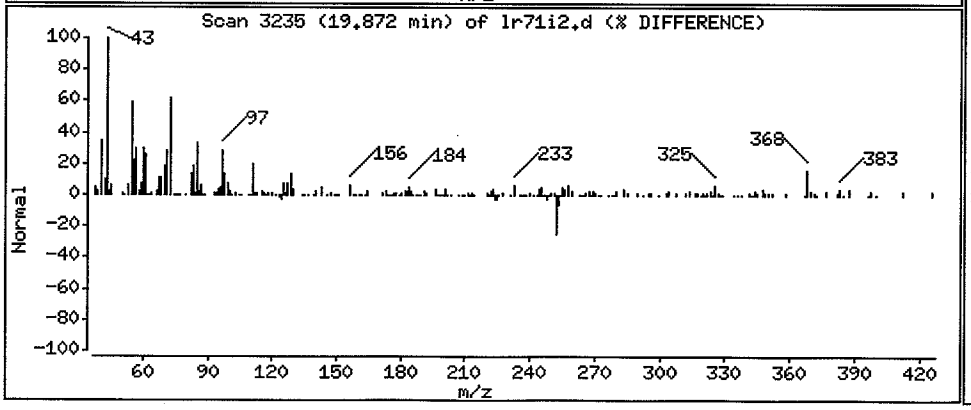


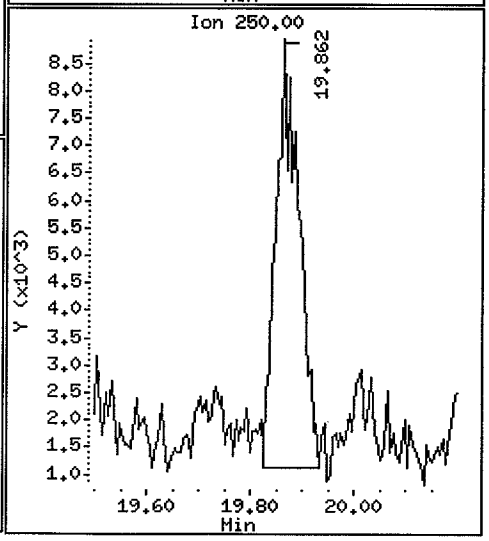












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

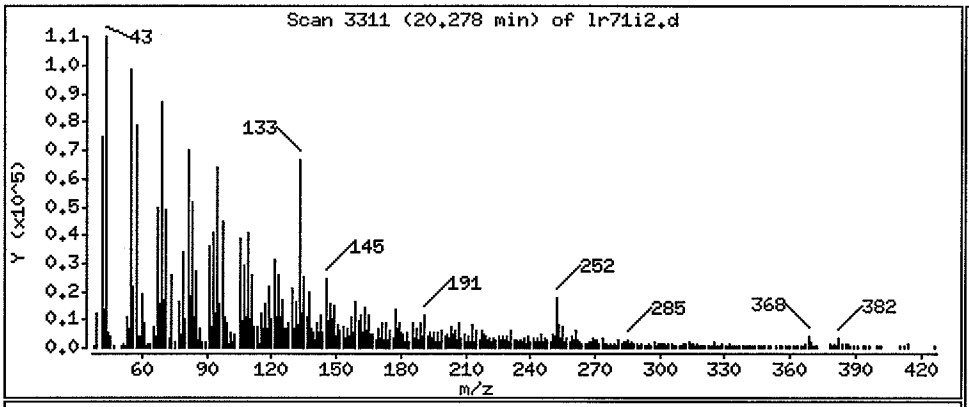
Operator: VTS

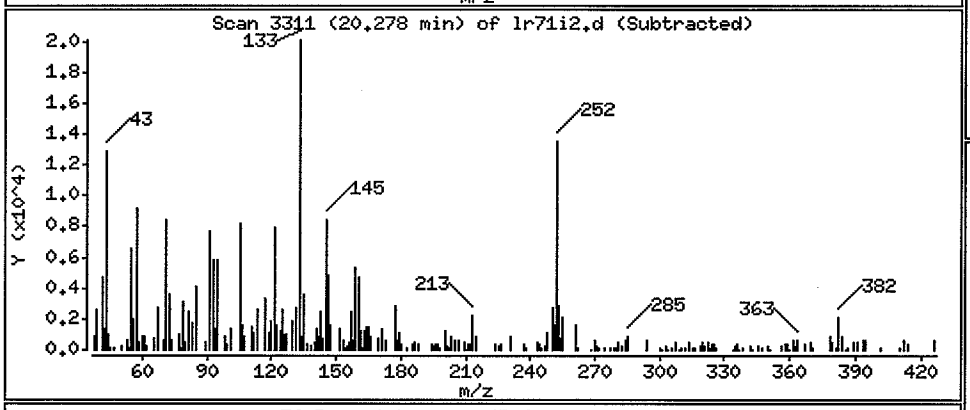
Column phase: ZB-5

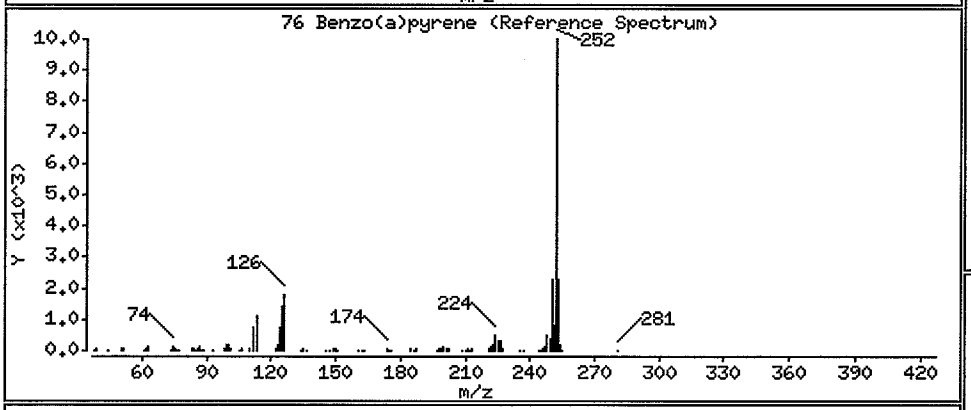
Column diameter: 0.32

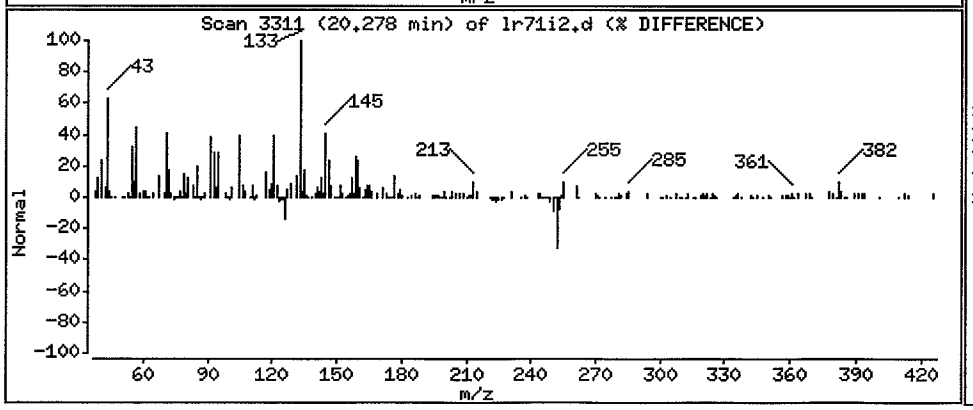
76 Benzo(a)pyrene

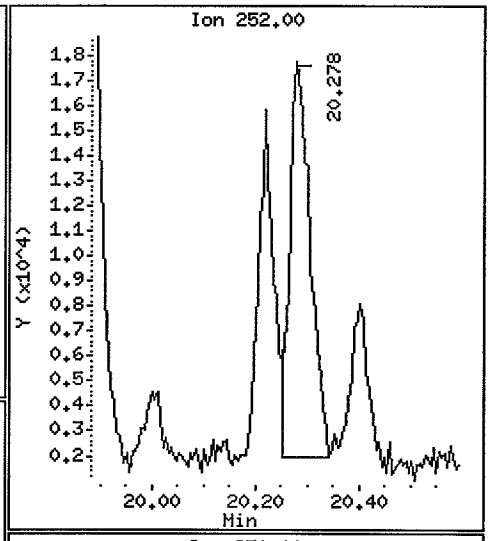
Concentration: 29.52 ug/Kg

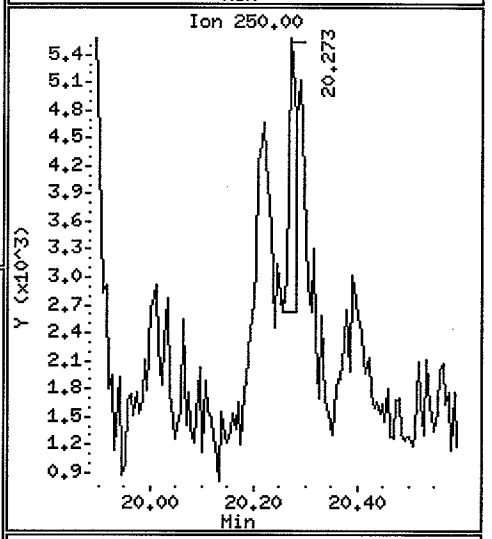


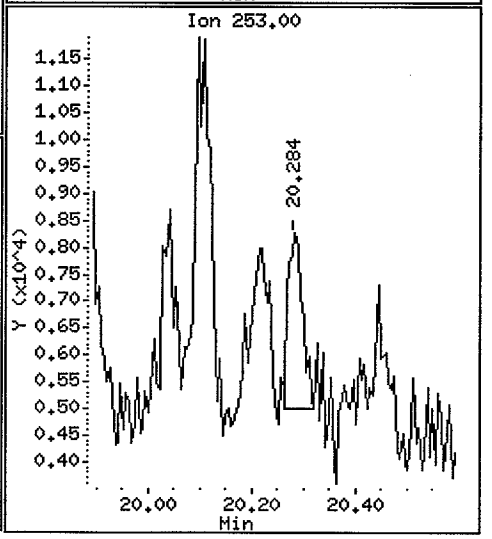












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

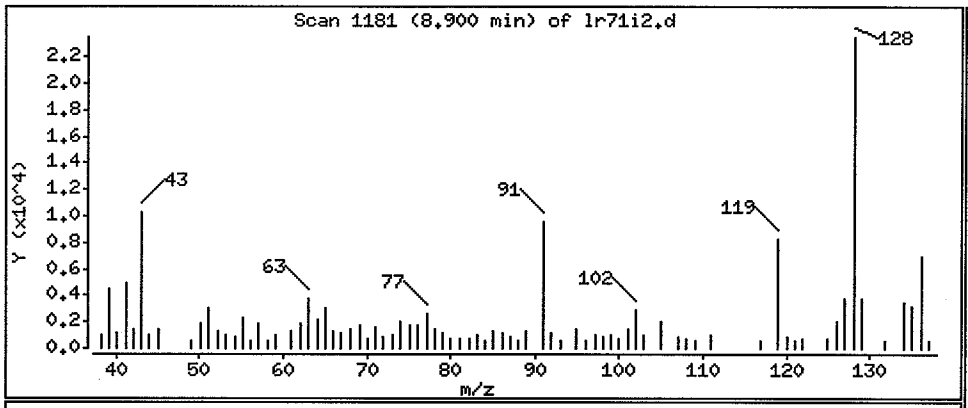
Operator: VTS

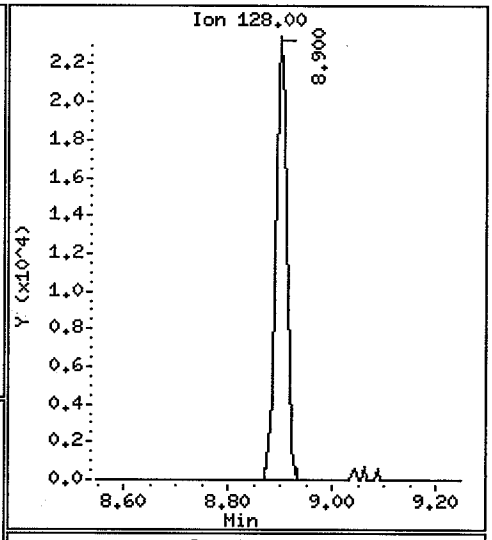
Column phase: ZB-5

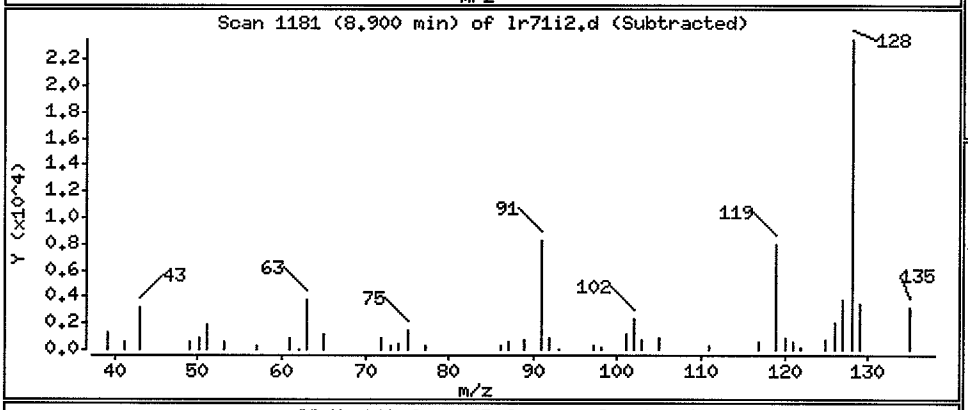
Column diameter: 0.32

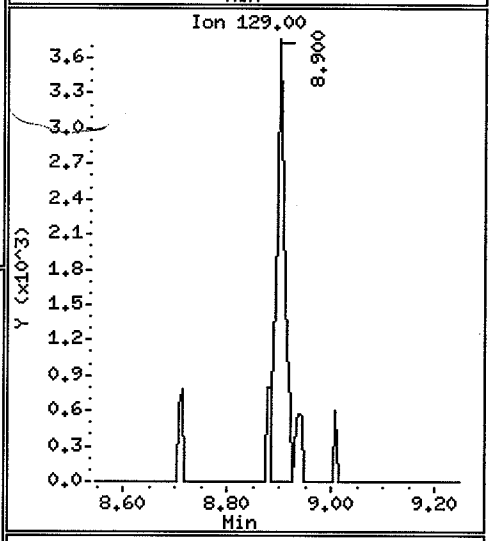
28 Naphthalene

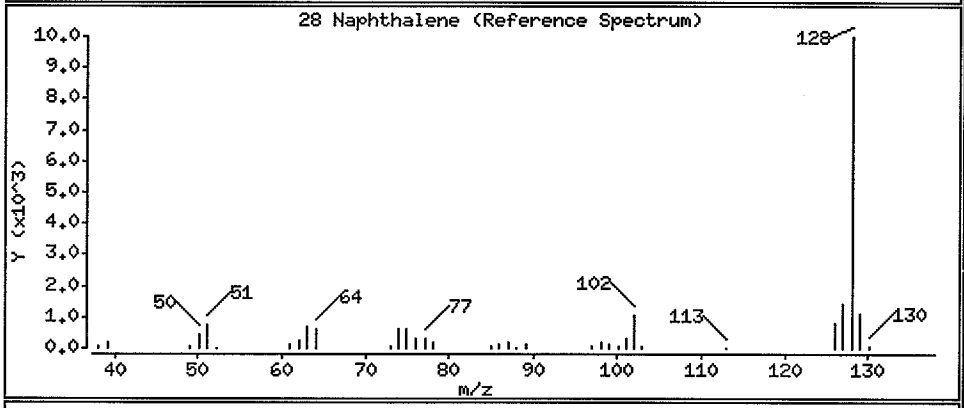
Concentration: 19.87 ug/Kg

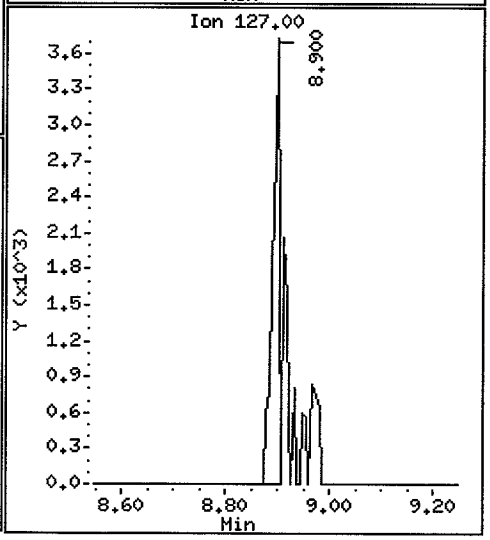


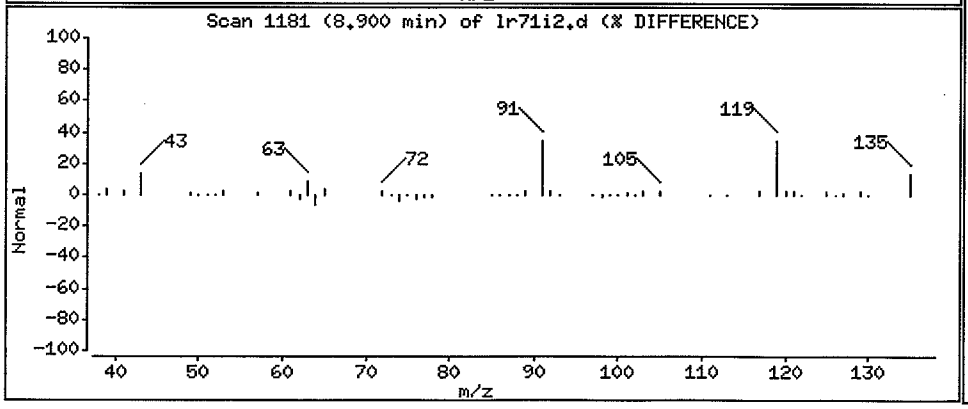












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

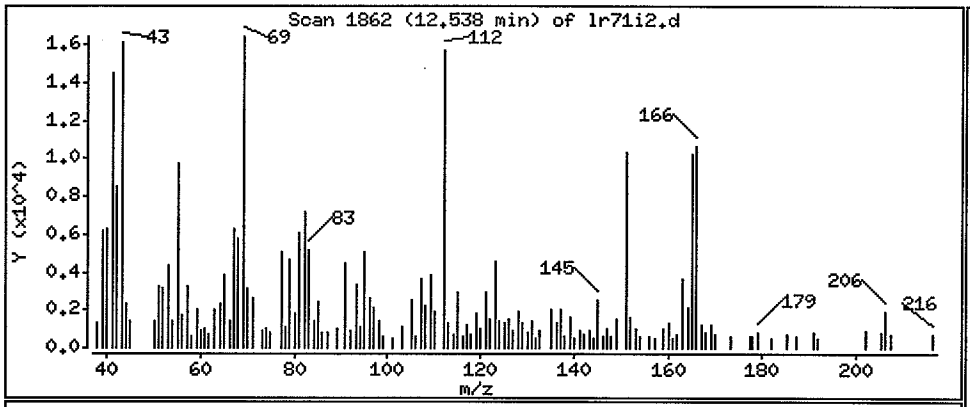
Operator: VTS

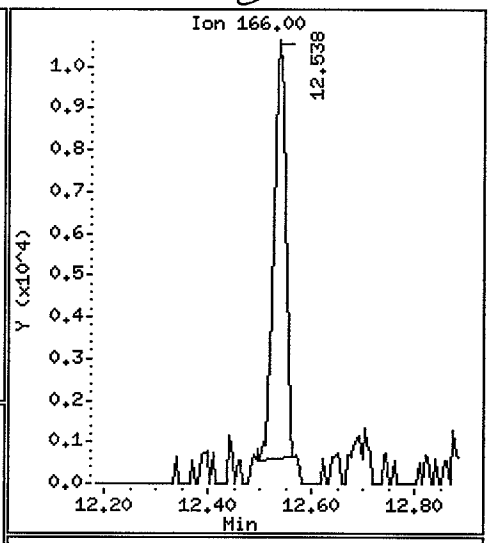
Column phase: ZB-5

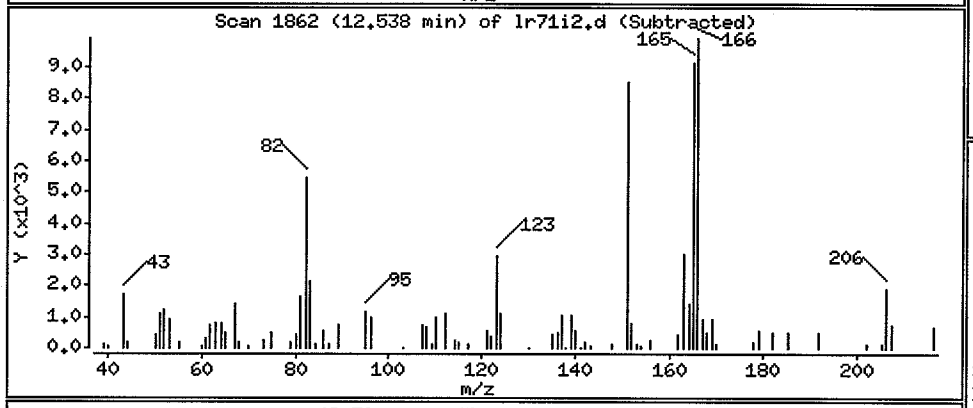
Column diameter: 0.32

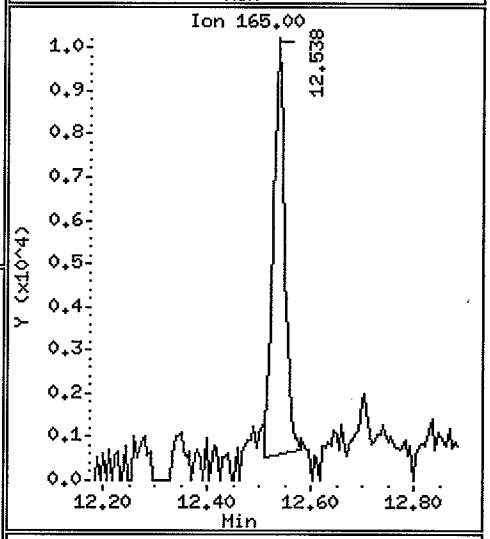
49 Fluorene

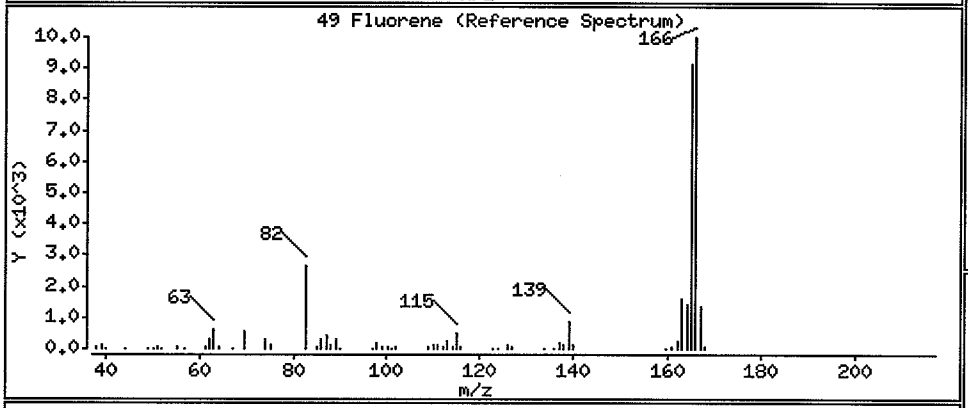
Concentration: 13.42 ug/Kg

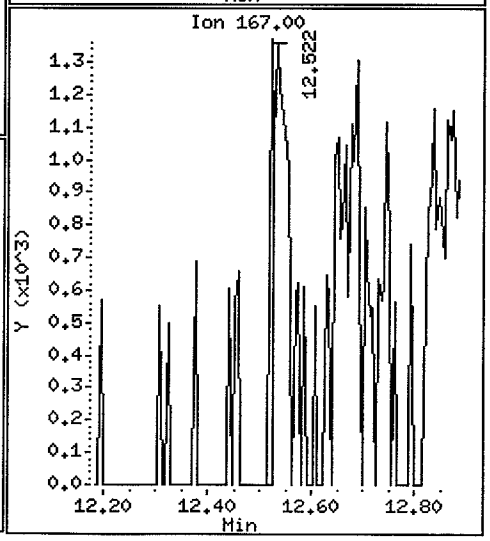


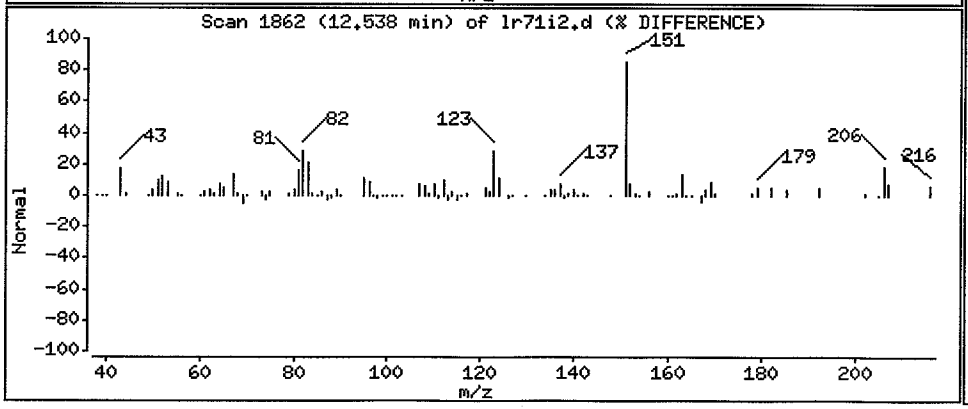












Data File: /chem3/nt4.i/20071101.b/lr71i2.d

Date : 01-NOV-2007 21:21

Client ID:

Instrument: nt4.i

Sample Info: LR71IRE

Volume Injected (uL): 1.0

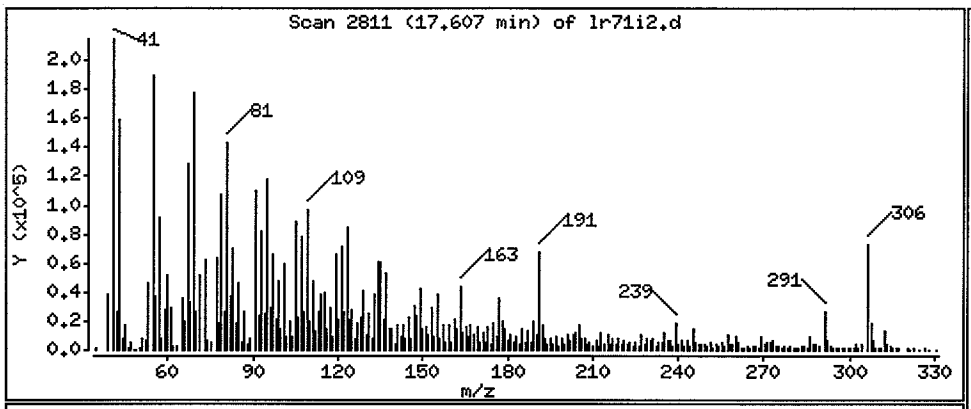
Operator: VTS

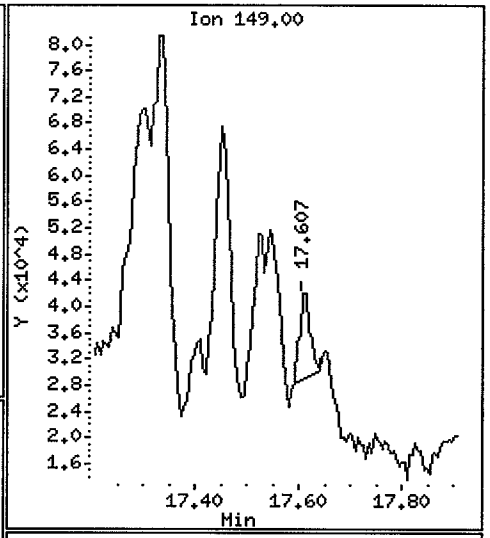
Column phase: ZB-5

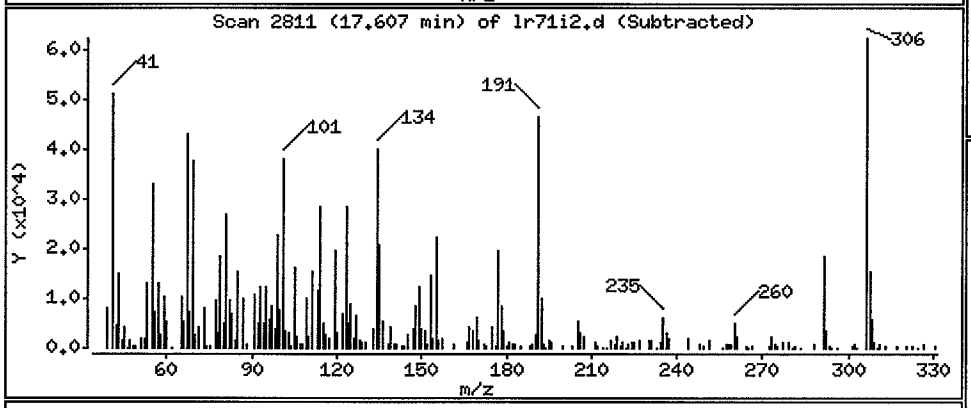
Column diameter: 0.32

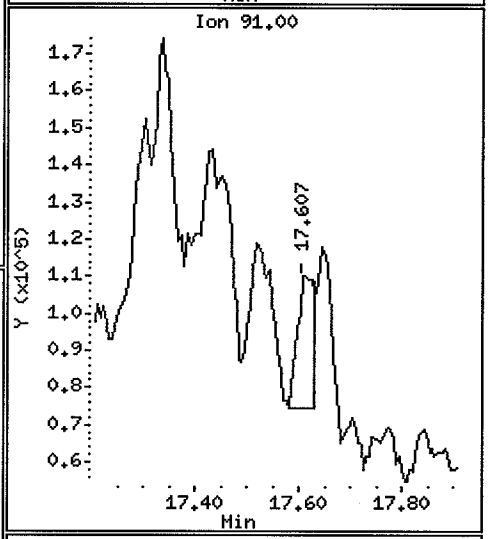
67 Butylbenzylphthalate

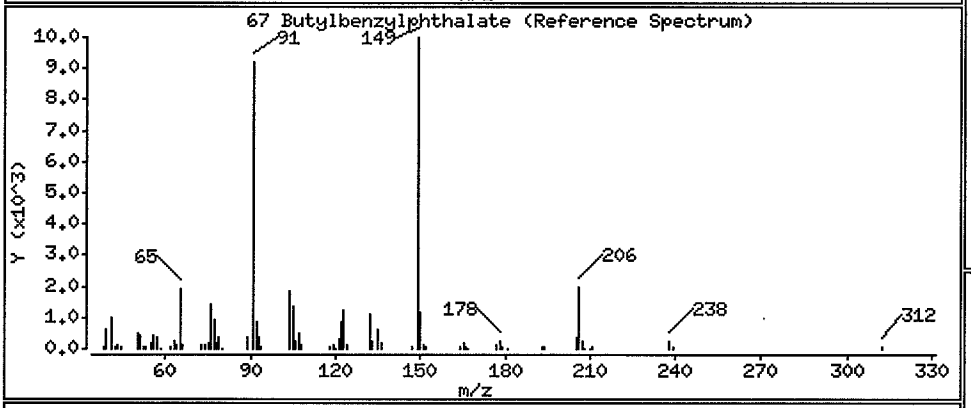
Concentration: 17.93 ug/Kg

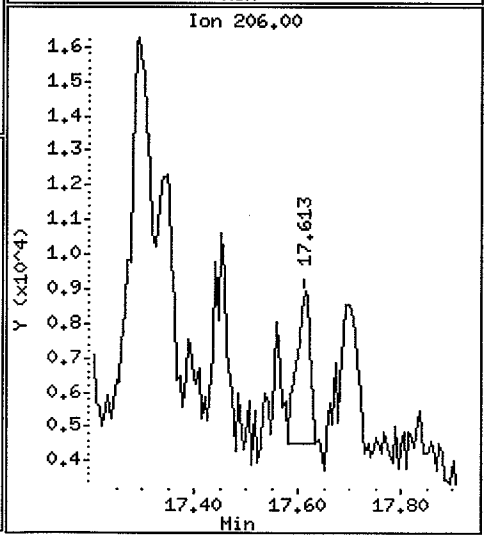


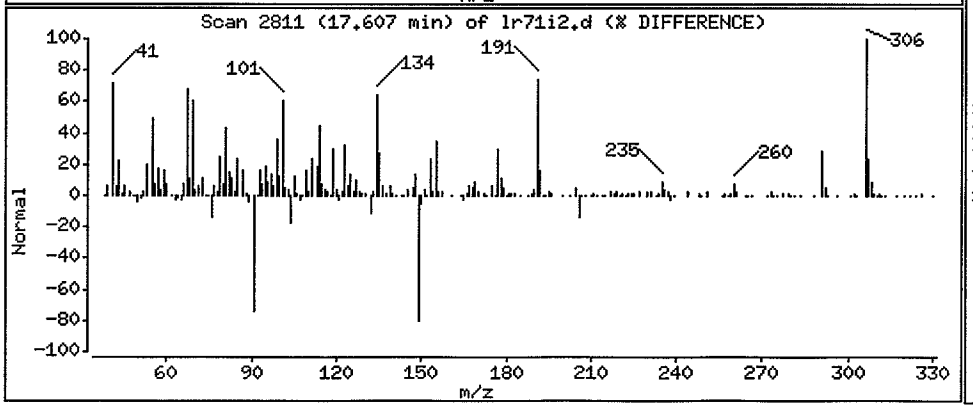












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-06**
Page 1 of 2 **SAMPLE**

Lab Sample ID: LR71J
LIMS ID: 07-20775
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 20:18
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.1%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**38**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.8	< 9.8 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.8	< 9.8 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**24**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**46**
129-00-0	**Pyrene**	**20**	**30**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	Benzo(a)anthracene	20	< 20 U
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	Chrysene	20	< 20 U
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	Benzo(b)fluoranthene	20	< 20 U
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-06**
Page 2 of 2 **SAMPLE**

Lab Sample ID: LR71J QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20775 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 20:18

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	54.0%	2-Fluorobiphenyl	57.6%
d14-p-Terphenyl	60.4%	d4-1,2-Dichlorobenzene	48.0%
d5-Phenol	51.7%	2-Fluorophenol	64.3%
2,4,6-Tribromophenol	60.0%	d4-2-Chlorophenol	54.1%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71j.d
Lab Smp Id: LR71J Client Smp ID: AN-SS-06
Inj Date : 18-OCT-2007 20:18
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71J
Misc Info : 07-20775
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 10/25/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	65.00000	Weight of sample extracted (g)
M	22.10000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.972	5.917	(0.755)	359885	24.0516	475.0
$	2 Phenol-d5	99	7.511	7.488	(0.949)	371480	19.4346	383.8
	3 Phenol	94	7.532	7.504	(0.952)	12057	0.50898 LPL	10.05
$	5 2-Chlorophenol-d4	132	7.612	7.600	(0.962)	257834	20.2529	400.0
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.911	7.904	(1.000)	203049	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	8.211	8.204	(1.038)	114750	12.0200	237.4
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.686	8.674	(1.098)	27572	1.93364	38.19
$	18 Nitrobenzene-d5	82	8.846	8.845	(0.887)	262583	13.4606	265.8
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.973	9.961	(1.000)	607154	20.0000	
	28 Naphthalene	128	Compound Not Detected.					
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.784	11.777	(0.917)	363052	14.4313	285.0
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.853	12.841	(1.000)	323111	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.151	14.139	(1.101)	70423	22.4645	443.7
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.235	15.223	(1.000)	496959	20.0000	
	60 Phenanthrene	178	15.273	15.261	(1.002)	38232	1.19905	23.68
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
63 Di-n-butylphthalate	149	Compound Not Detected.					
64 Fluoranthene	202	17.217	17.205	(1.130)	85736	2.35131	46.44
65 Pyrene	202	17.570	17.563	(0.898)	73696	1.50619	29.75
$ 66 Terphenyl-d14	244	17.901	17.884	(0.915)	462250	15.0936	298.1
67 Butylbenzylphthalate	149	Compound Not Detected.					
68 Benzo(a)anthracene	228	19.541	19.529	(0.999)	33677	0.63092 LOL	12.46
* 69 Chrysene-d12	240	19.568	19.556	(1.000)	681258	20.0000	
70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71 Chrysene	228	19.605	19.598	(1.002)	35854	0.74746 LOL	14.76
72 bis(2-Ethylhexyl)phthalate	149	19.792	19.785	(0.955)	19485	0.66884	13.21(M)
* 134 Di-n-octylphthalate-d4	153	20.733	20.720	(1.000)	963453	20.0000	
73 Di-n-octylphthalate	149	Compound Not Detected.					
74 Benzo(b)fluoranthene	252	21.203	21.190	(0.975)	24252	0.63167 LOL	12.47
75 Benzo(k)fluoranthene	252	21.229	21.228	(0.977)	29119	0.71697	14.16(M)
76 Benzo(a)pyrene	252	21.651	21.639	(0.996)	21332	0.60526	11.95(M)
* 77 Perylene-d12	264	21.737	21.719	(1.000)	534656	20.0000	
78 Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80 Benzo(g,h,i)perylene	276	Compound Not Detected.					
90 N-Nitrosodimethylamine	74	Compound Not Detected.					
91 Aniline	93	Compound Not Detected.					
93 Benzidine	184	Compound Not Detected.					
103 Pyridine	79	Compound Not Detected.					
105 1-methylnaphthalene	141	Compound Not Detected.					
111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71j.d
Lab Smp Id: LR71J
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20775

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-06
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	203049	-4.26
27 Naphthalene-d8	656578	328289	1313156	607154	-7.53
42 Acenaphthene-d10	353705	176852	707410	323111	-8.65
59 Phenanthrene-d10	526440	263220	1052880	496959	-5.60
69 Chrysene-d12	581923	290962	1163846	681258	17.07
134 Di-n-octylphthala	979097	489548	1958194	963453	-1.60
77 Perylene-d12	686531	343266	1373062	534656	-22.12

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.09
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.12
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.10
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.08
69 Chrysene-d12	19.56	19.06	20.06	19.57	0.06
134 Di-n-octylphthala	20.72	20.22	21.22	20.73	0.06
77 Perylene-d12	21.72	21.22	22.22	21.74	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

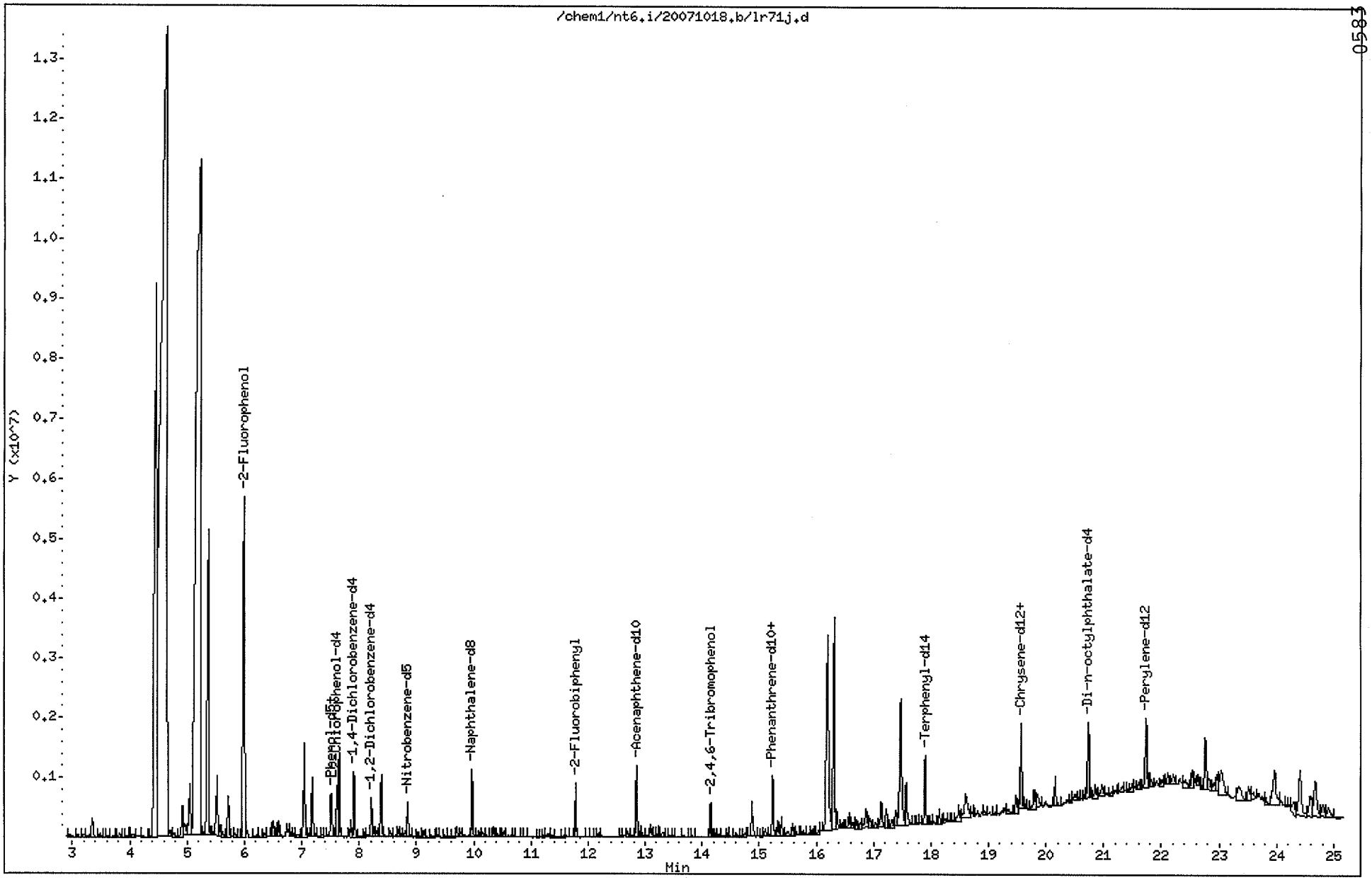
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71J
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20775

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-06
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	740.6	475.0	64.14	11-84
$ 2 Phenol-d5	740.6	383.8	51.83	25-86
$ 5 2-Chlorophenol-d4	740.6	400.0	54.01	23-91
$ 10 1,2-Dichlorobenzen	493.7	237.4	48.08	24-90
$ 18 Nitrobenzene-d5	493.7	265.8	53.84	26-88
$ 36 2-Fluorobiphenyl	493.7	285.0	57.73	34-91
$ 55 2,4,6-Tribromophen	740.6	443.7	59.91	25-107
$ 66 Terphenyl-d14	493.7	298.1	60.37	22-100

Data File: /chem1/nt6.i/20071018.b/lr71j.d
Date : 18-OCT-2007 20:18
Client ID: AN-SS-06
Sample Info: LR71J
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20071018.b/lr71j.d

Date : 18-OCT-2007 20:18

Client ID: AN-SS-06

Instrument: nt6.i

Sample Info: LR71J

Volume Injected (uL): 1.0

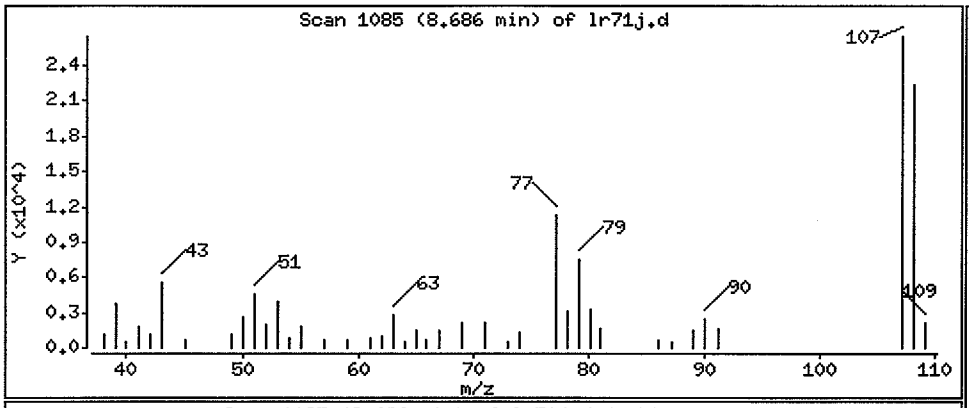
Operator: LJR/VTS

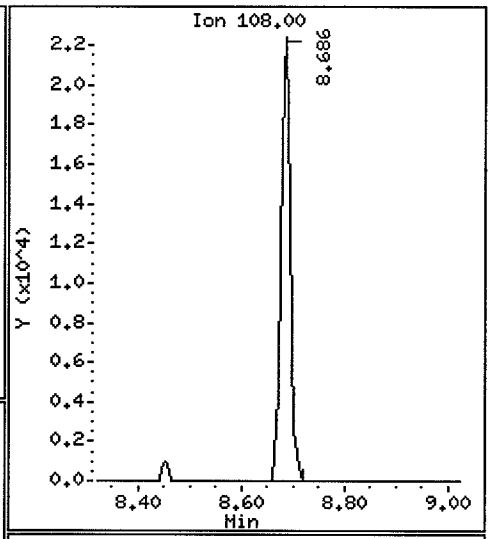
Column phase: ZB-5

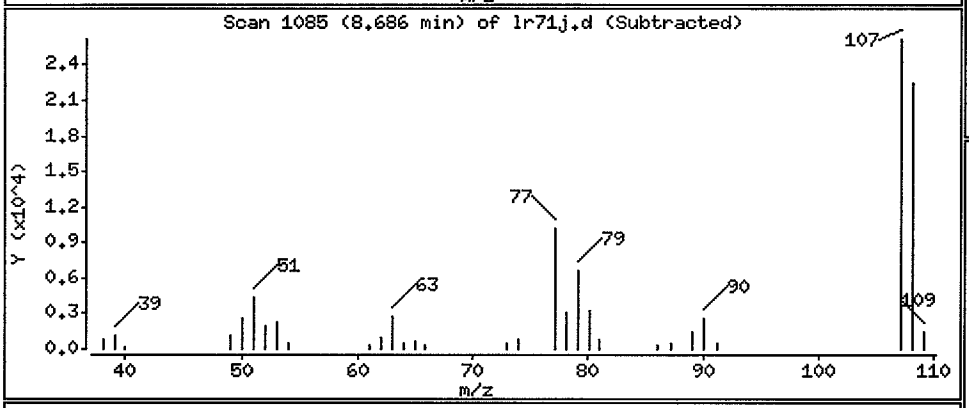
Column diameter: 0.32

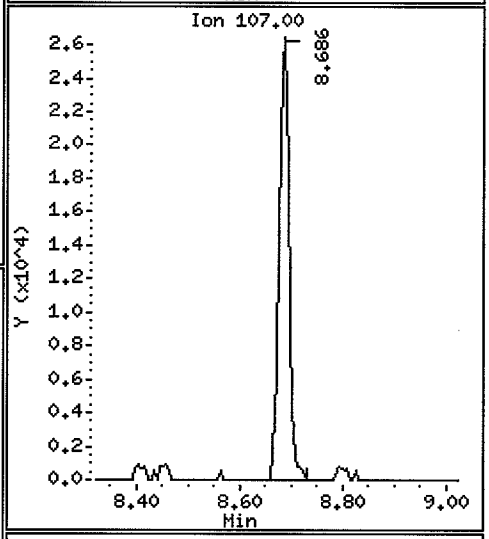
15 4-Methylphenol

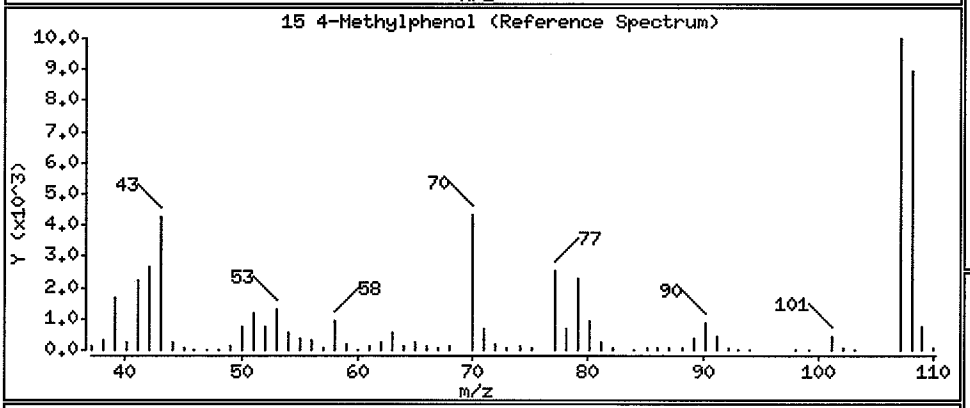
Concentration: 38.19 ug/kg

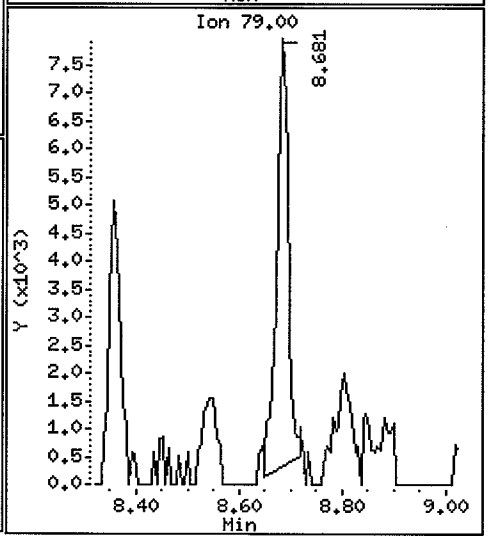


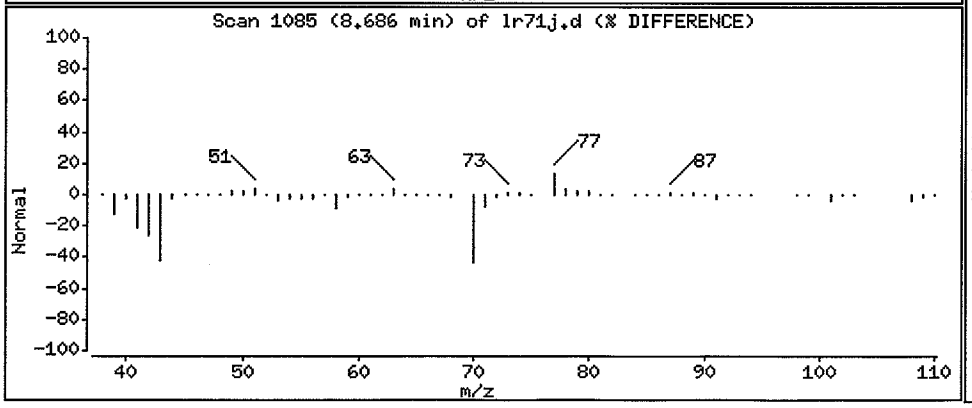












Data File: /chem1/nt6.i/20071018.b/lr71j.d

Date : 18-OCT-2007 20:18

Client ID: AN-SS-06

Instrument: nt6.i

Sample Info: LR71J

Volume Injected (uL): 1.0

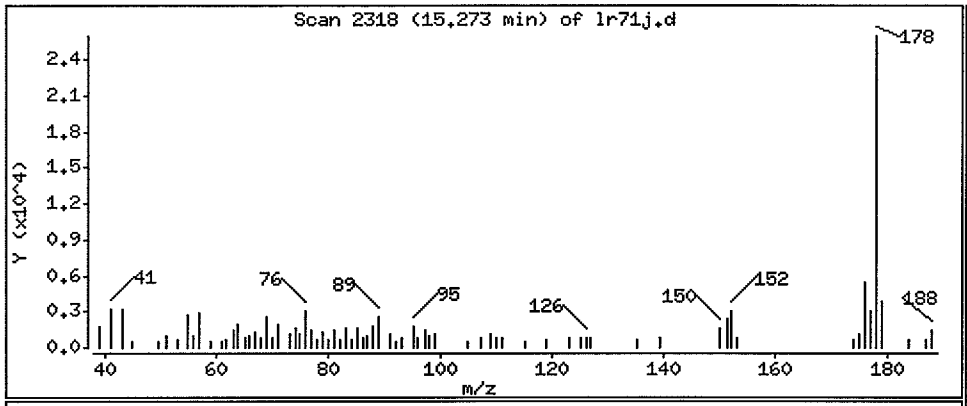
Operator: LJR/VTS

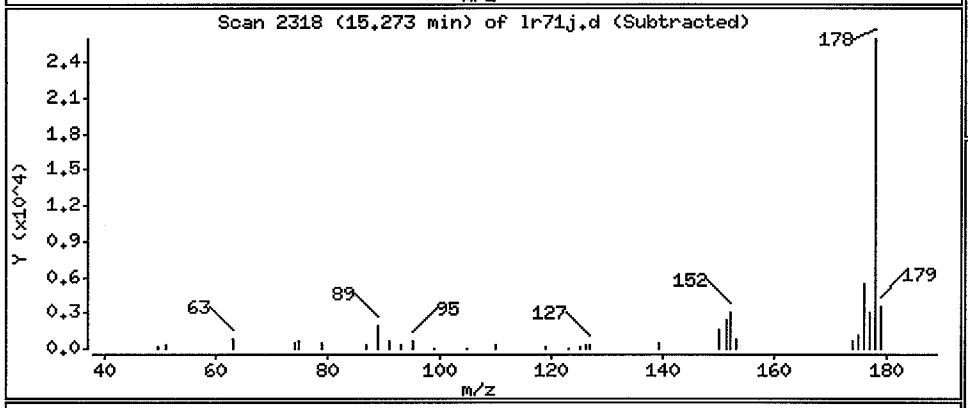
Column phase: ZB-5

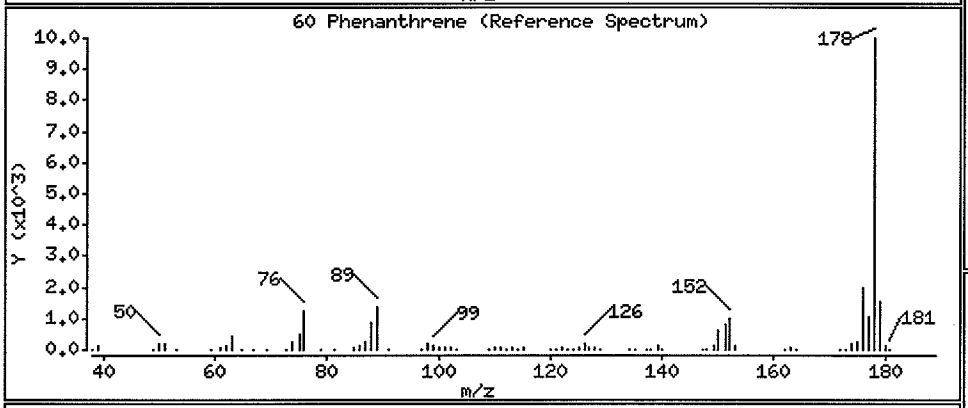
Column diameter: 0.32

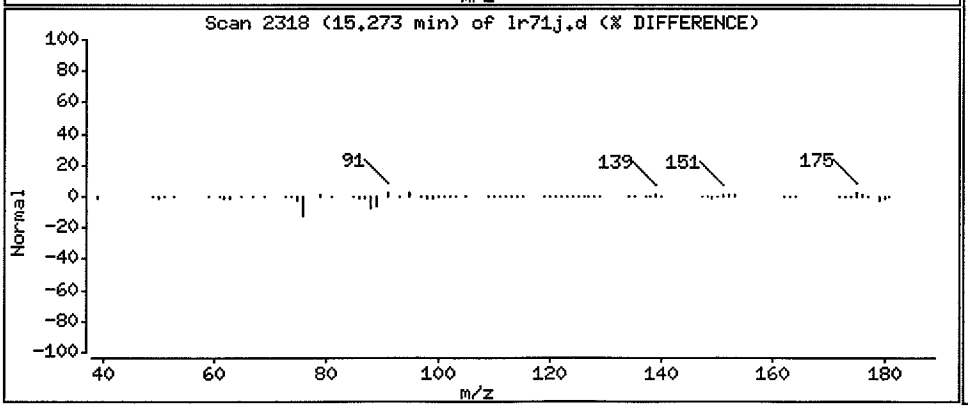
60 Phenanthrene

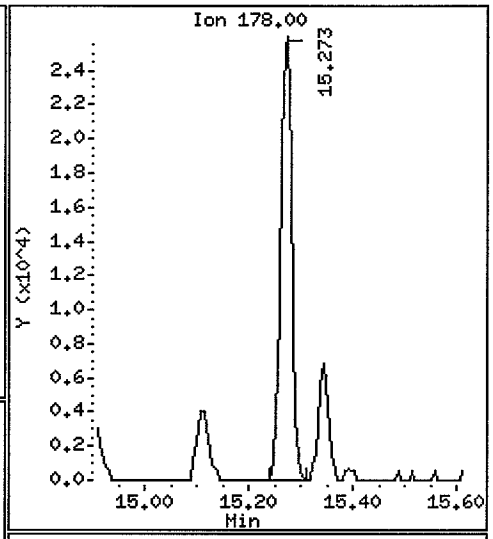
Concentration: 23.68 ug/kg

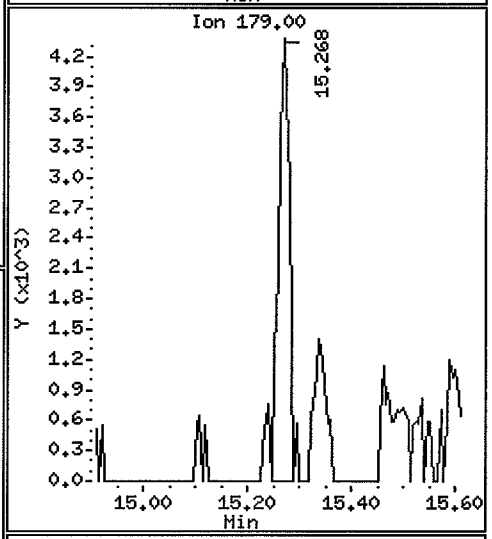


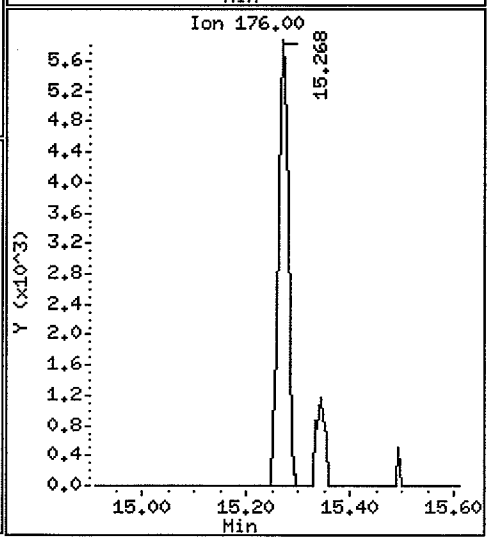












Data File: /chem1/nt6.i/20071018.b/lr71j.d

Date : 18-OCT-2007 20:18

Client ID: AN-SS-06

Instrument: nt6.i

Sample Info: LR71J

Volume Injected (uL): 1.0

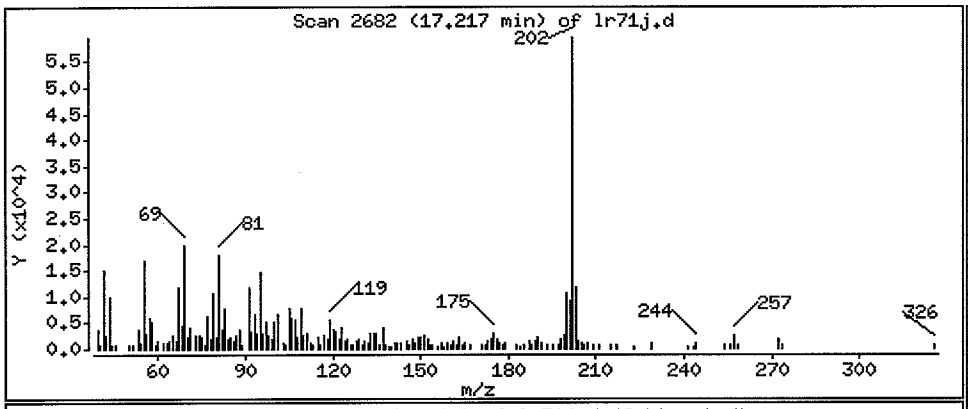
Operator: LJR/VTS

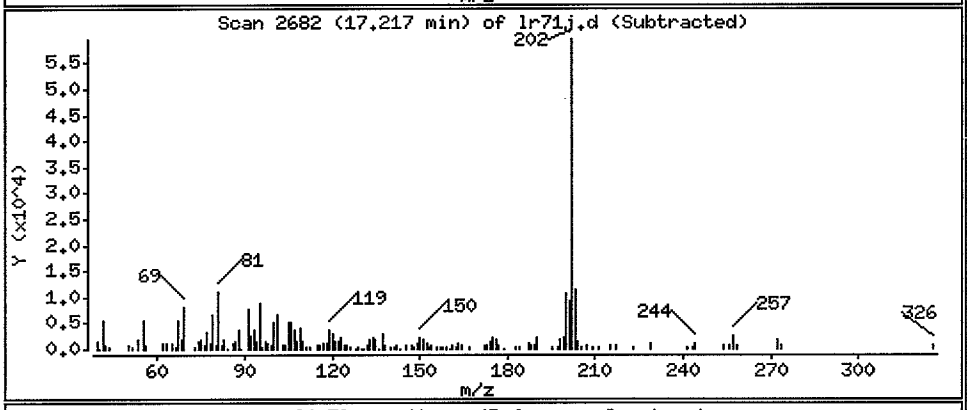
Column phase: ZB-5

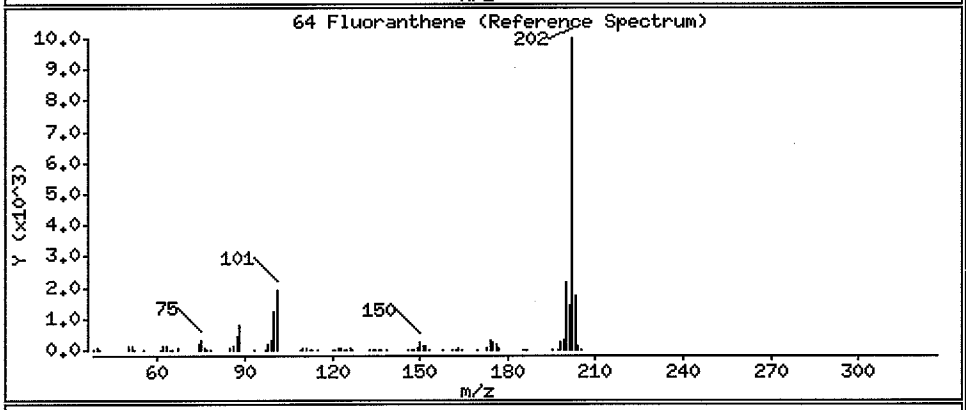
Column diameter: 0.32

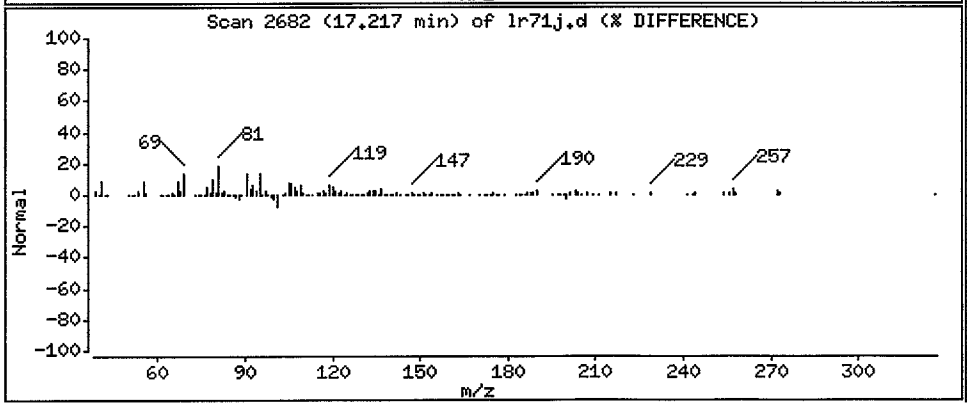
64 Fluoranthene

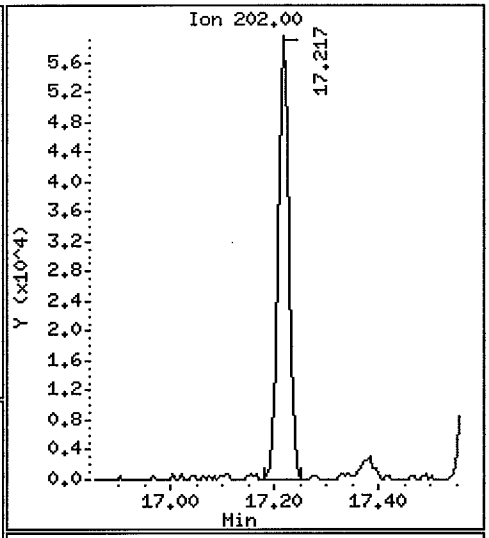
Concentration: 46.44 ug/kg

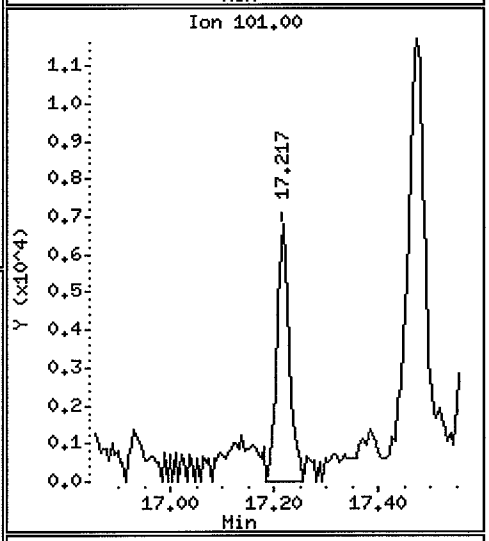


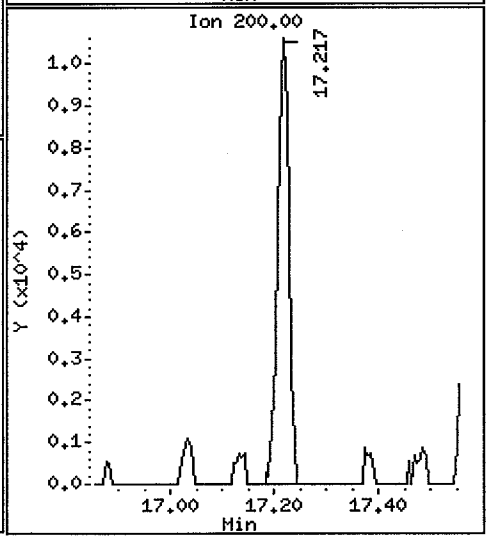












Data File: /chem1/nt6.i/20071018.b/lr71j.d

Date : 18-OCT-2007 20:18

Client ID: AN-SS-06

Instrument: nt6.i

Sample Info: LR71J

Volume Injected (uL): 1.0

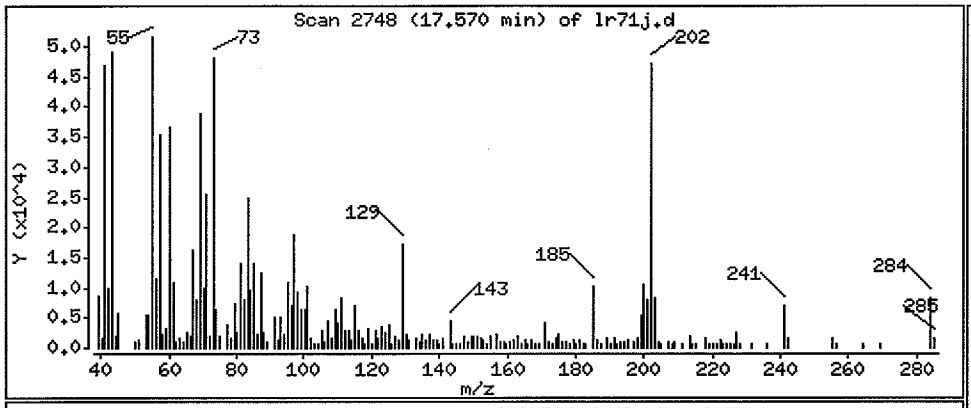
Operator: LJR/VTS

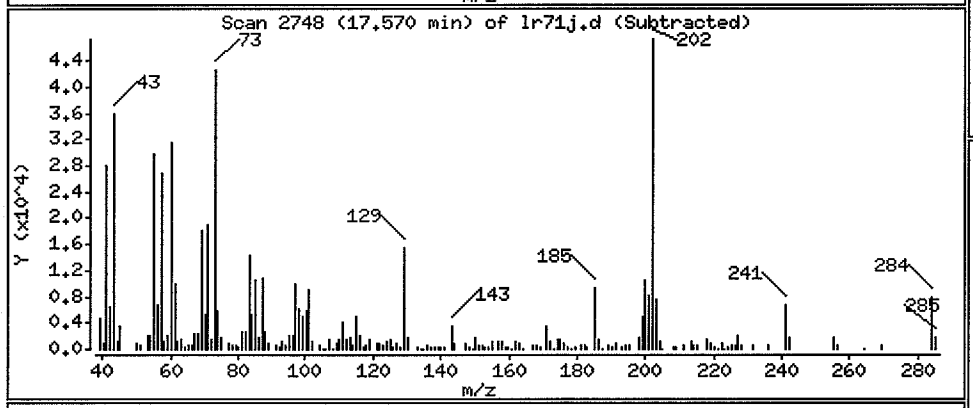
Column phase: ZB-5

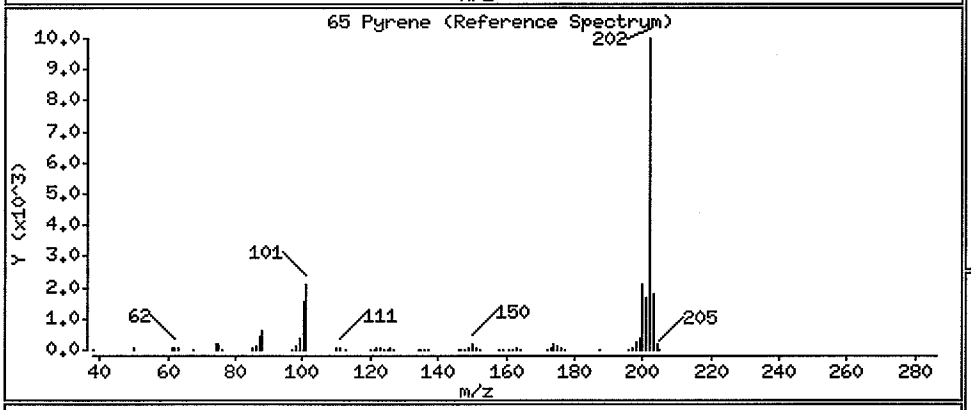
Column diameter: 0.32

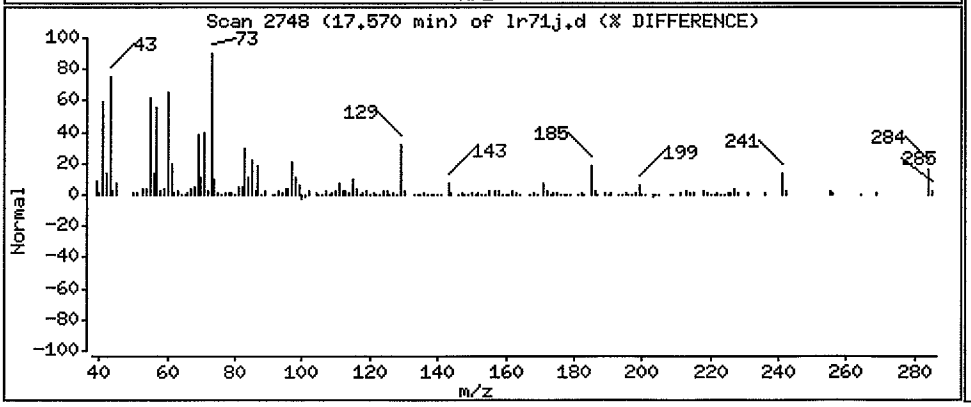
65 Pyrene

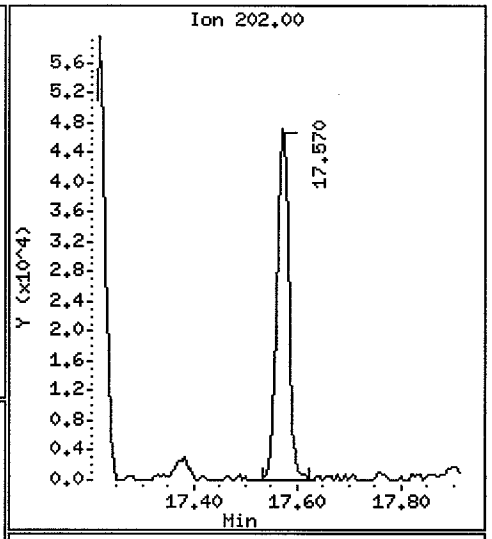
Concentration: 29.75 ug/kg

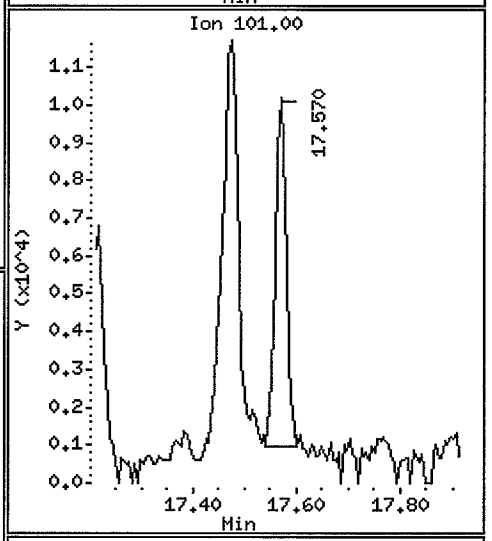


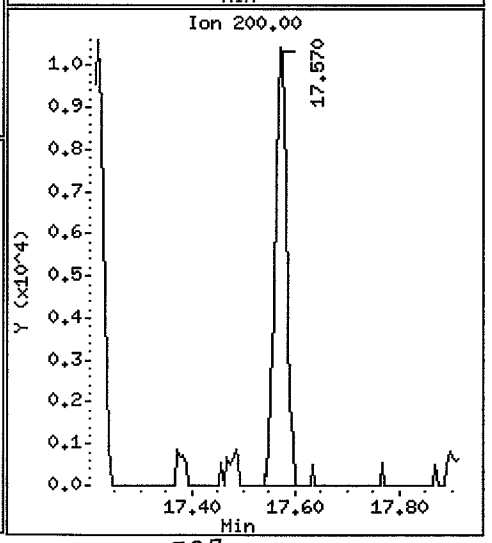












Data File: /chem1/nt6.i/20071018.b/lr71j.d

Date : 18-OCT-2007 20:18

Client ID: AN-SS-06

Instrument: nt6.i

Sample Info: LR71J

Volume Injected (uL): 1.0

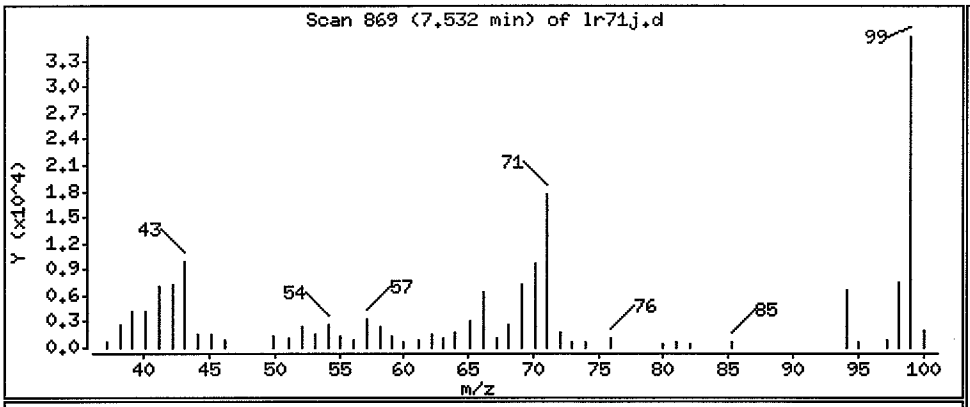
Operator: LJR/VTS

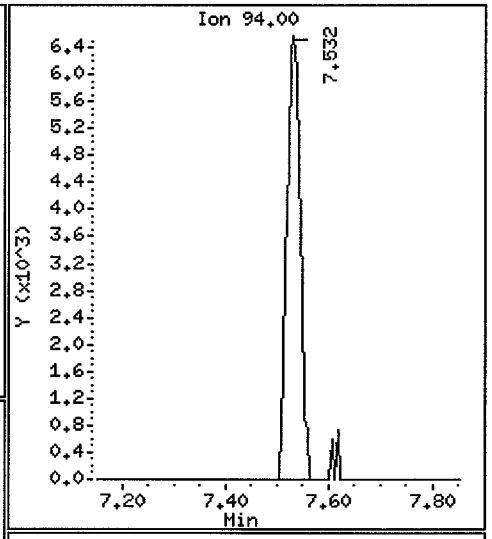
Column phase: ZB-5

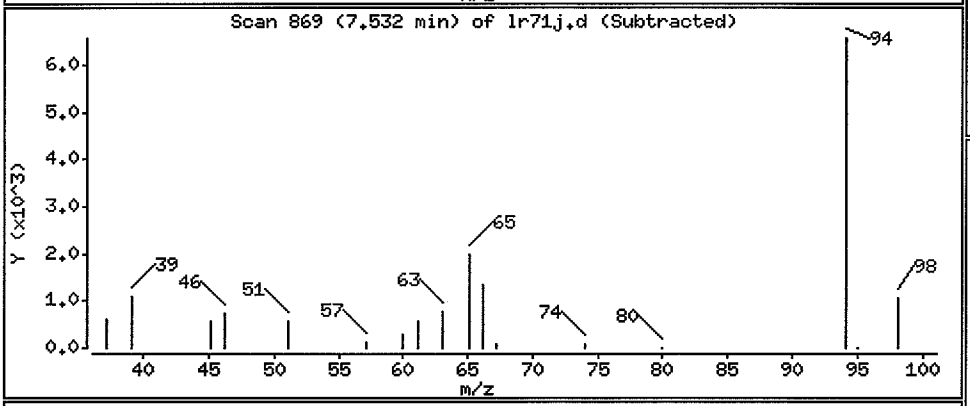
Column diameter: 0.32

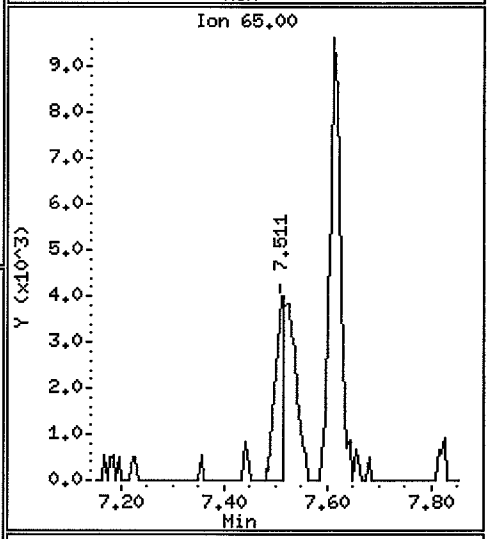
3 Phenol

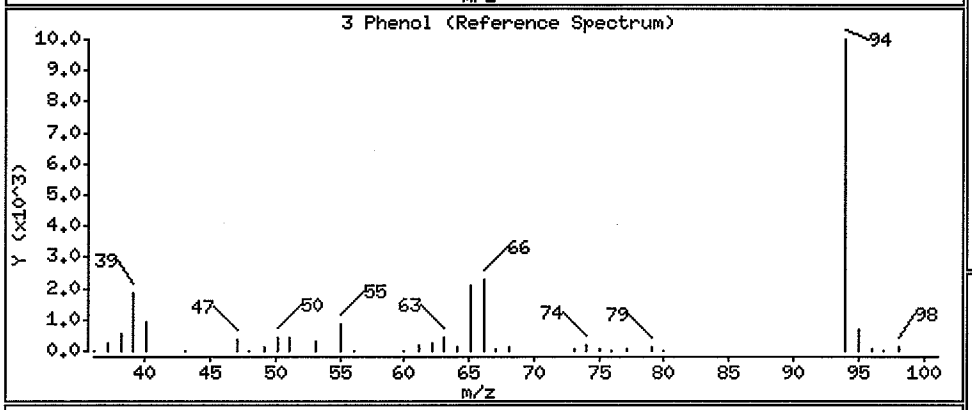
Concentration: 10.05 ug/kg

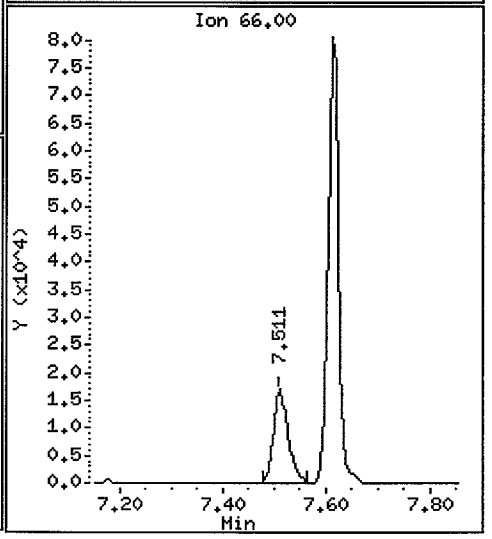


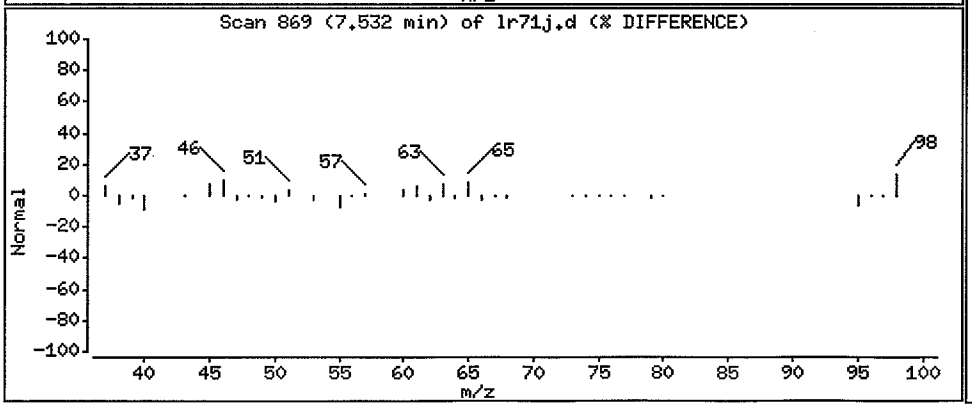












Data File: /chem1/nt6.i/20071018.b/lr71j.d

Date : 18-OCT-2007 20:18

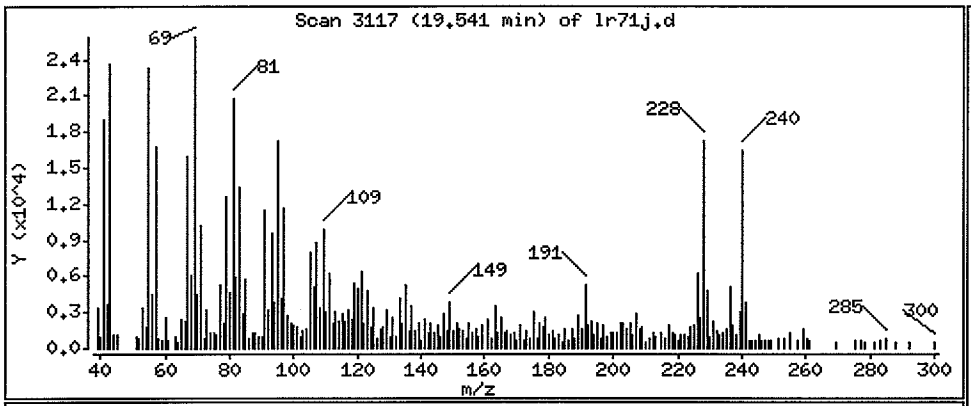
Client ID: AN-SS-06 Instrument: nt6.i

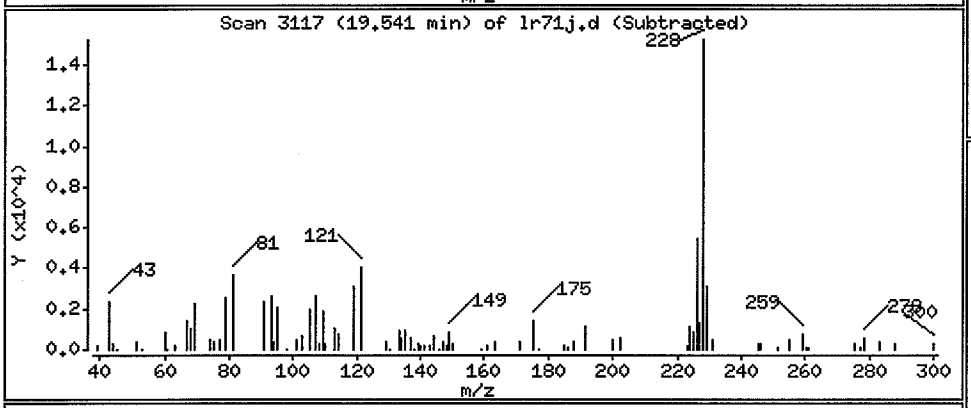
Sample Info: LR71J

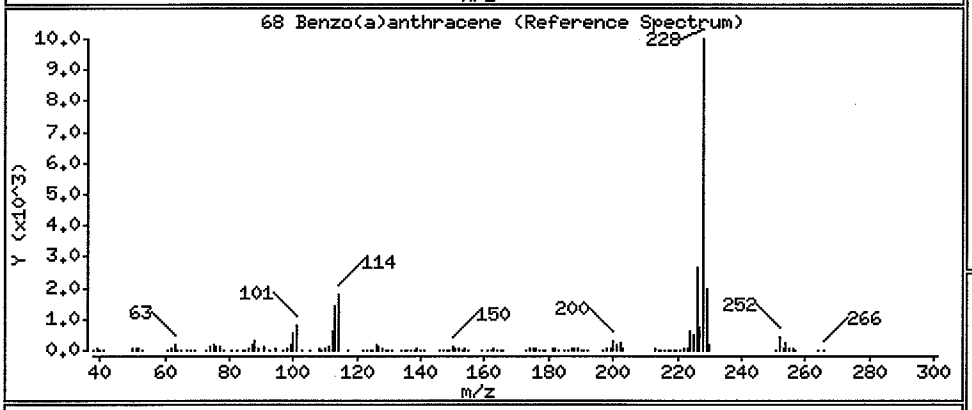
Volume Injected (uL): 1.0 Operator: LJR/VTS

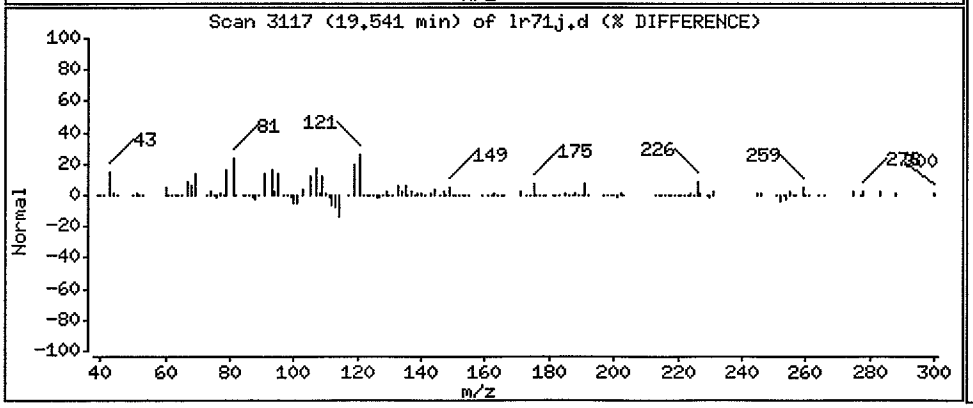
Column phase: ZB-5 Column diameter: 0.32

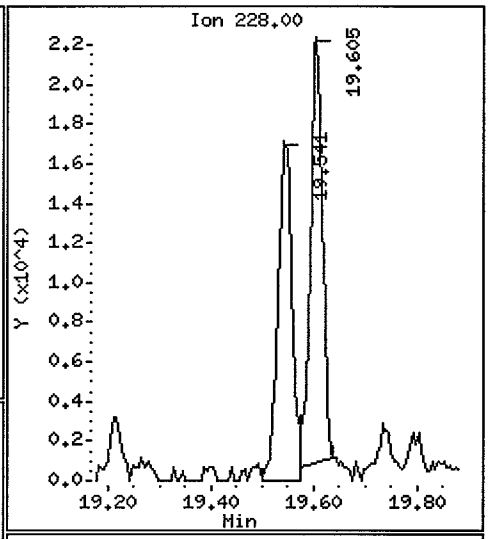
68 Benzo(a)anthracene Concentration: 12.46 ug/kg

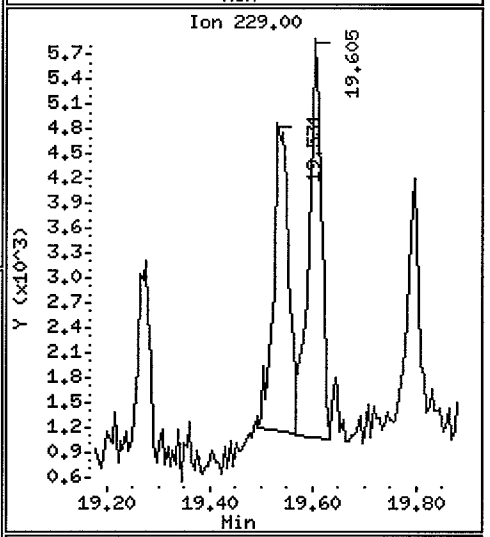


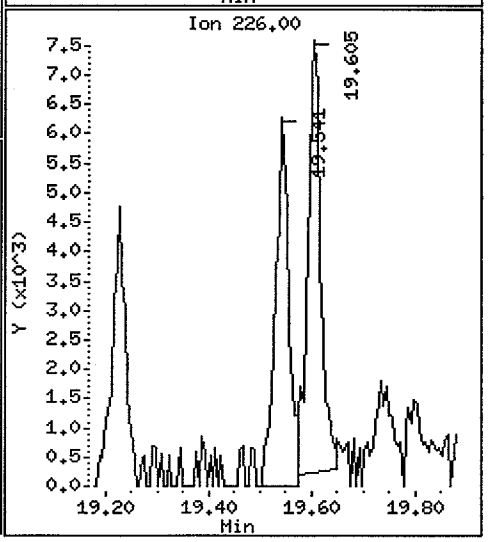












Data File: /chem1/nt6.i/20071018.b/lr71j.d

Date : 18-OCT-2007 20:18

Client ID: AN-SS-06

Instrument: nt6.i

Sample Info: LR71J

Volume Injected (uL): 1.0

Operator: LJR/VTS

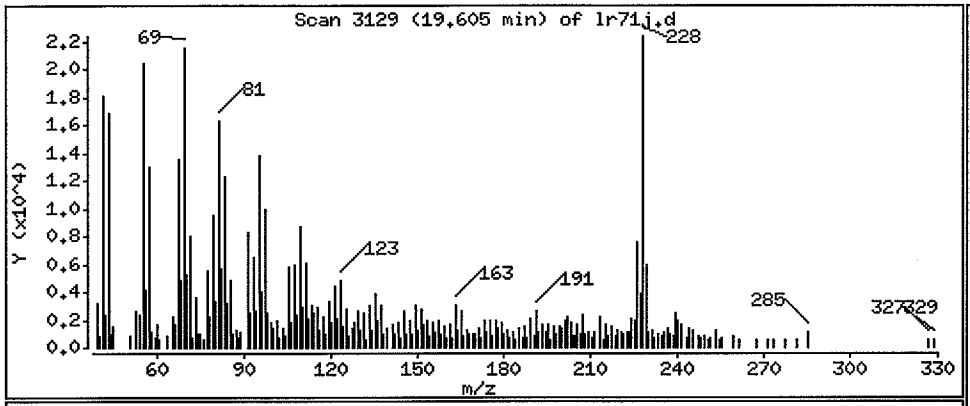
Column phase: ZB-5

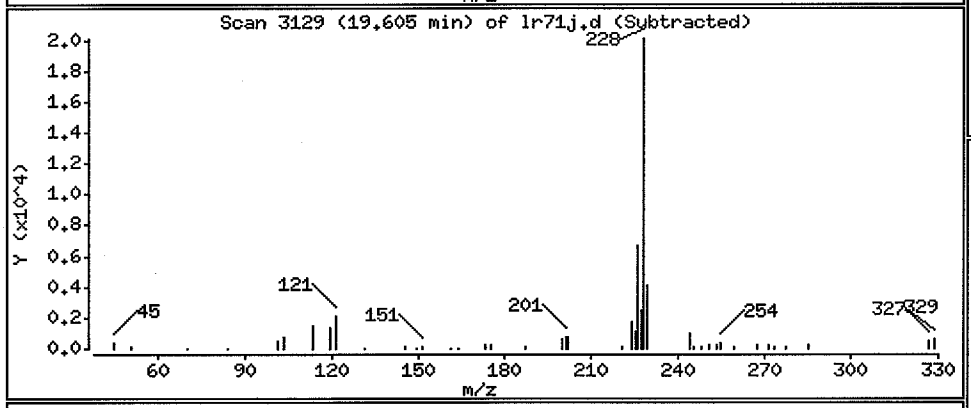
Column diameter: 0.32

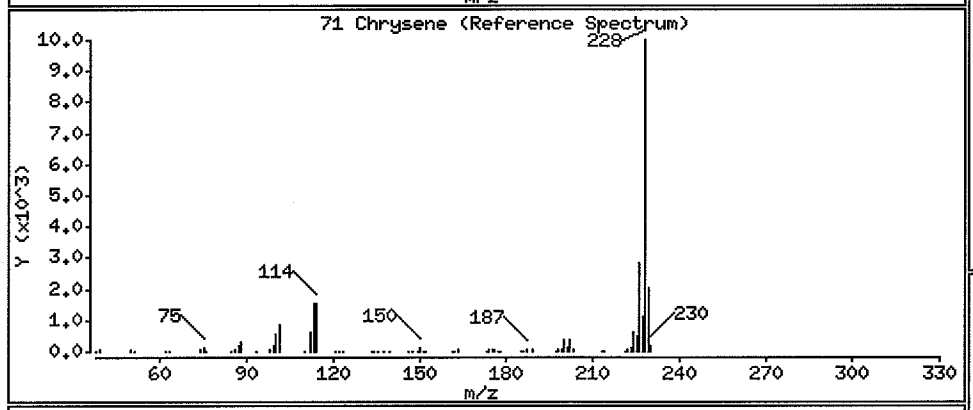
71 Chrysene

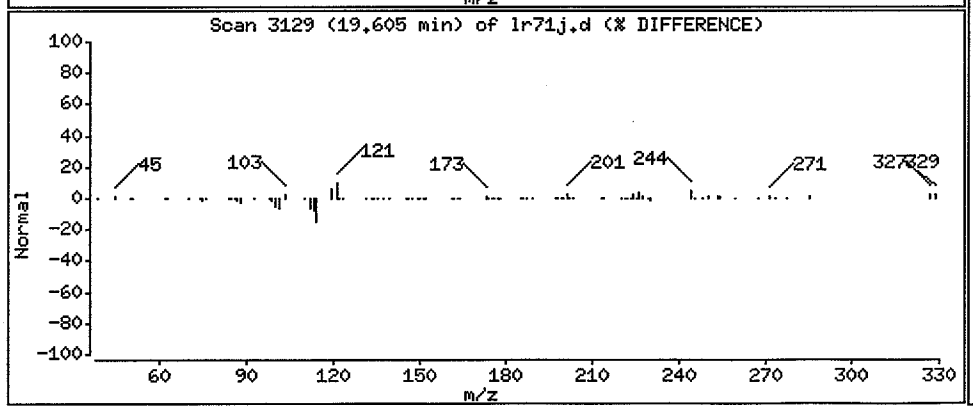
Concentration: 14.76 ug/kg

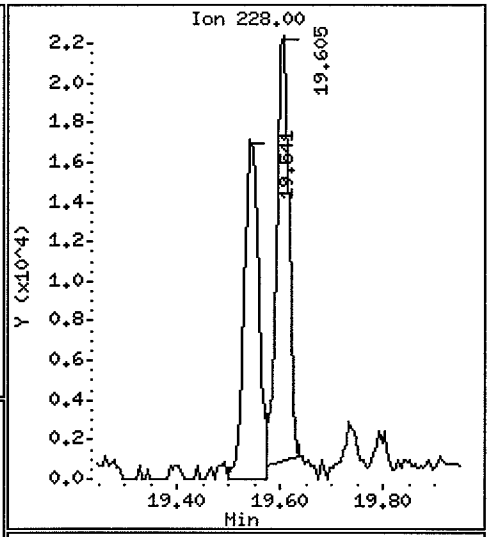
LRL

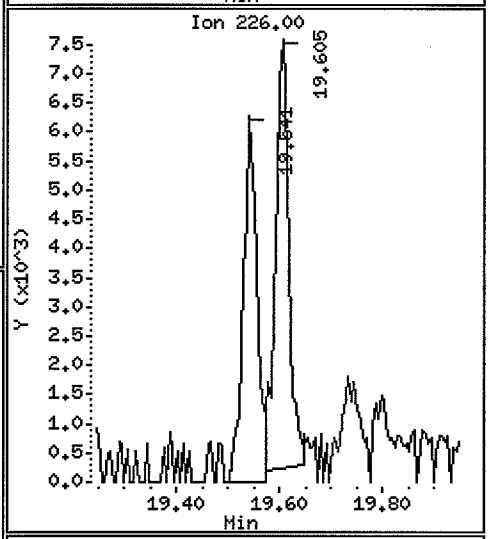


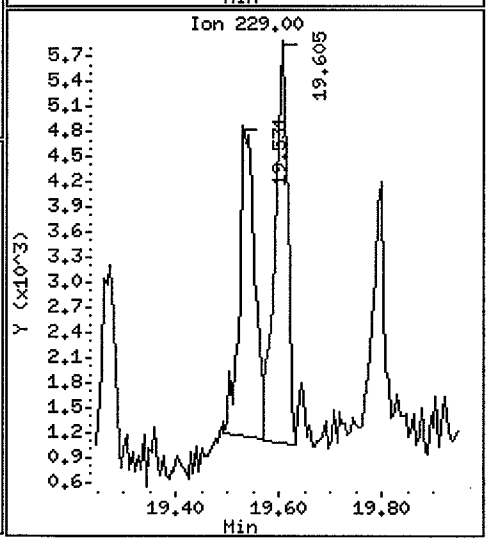












Data File: /chem1/nt6.i/20071018.b/lr71j.d

Date : 18-OCT-2007 20:18

Client ID: AN-SS-06

Instrument: nt6.i

Sample Info: LR71J

Volume Injected (uL): 1.0

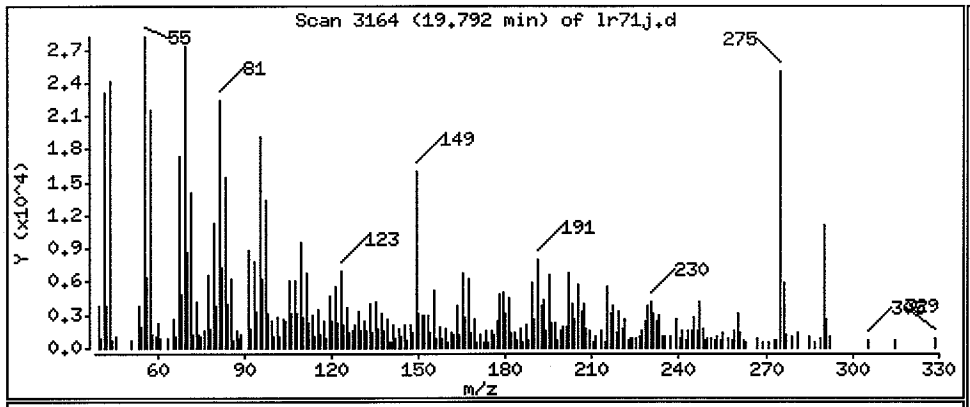
Operator: LJR/VTS

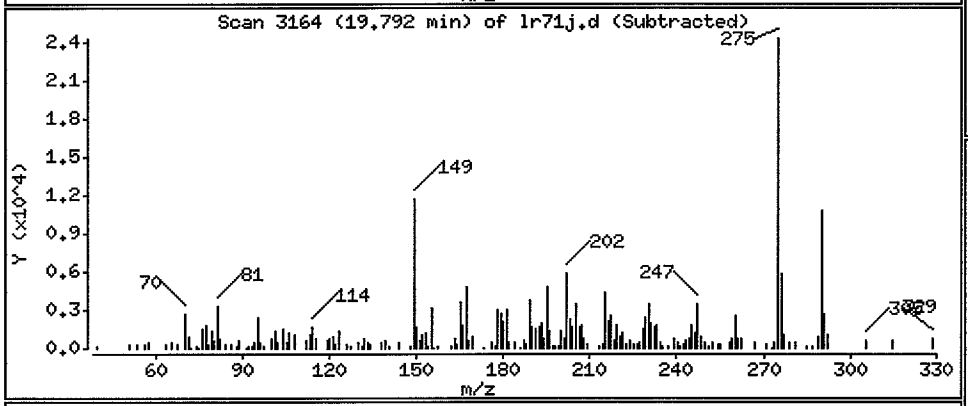
Column phase: ZB-5

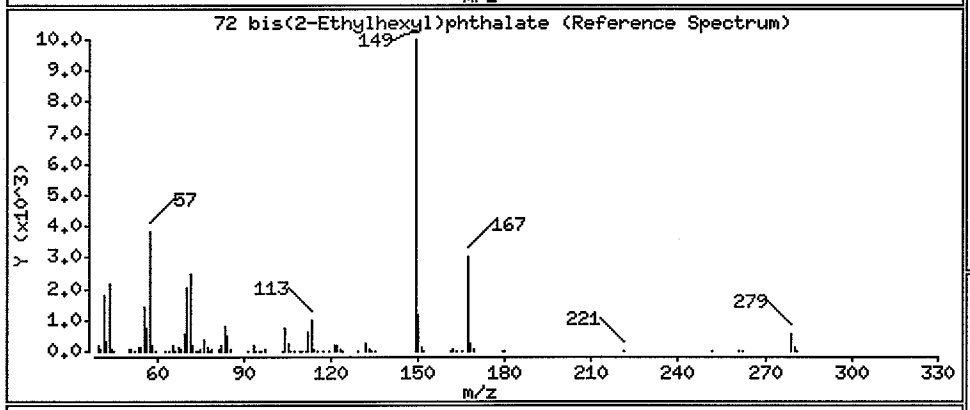
Column diameter: 0.32

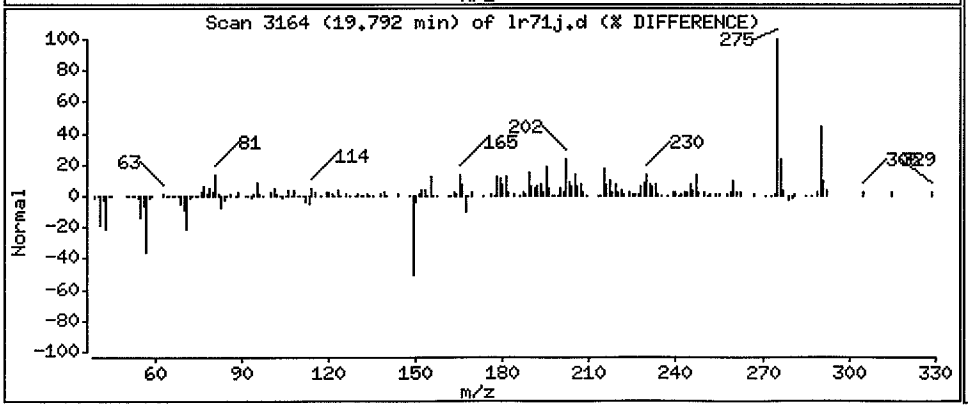
72 bis(2-Ethylhexyl)phthalate

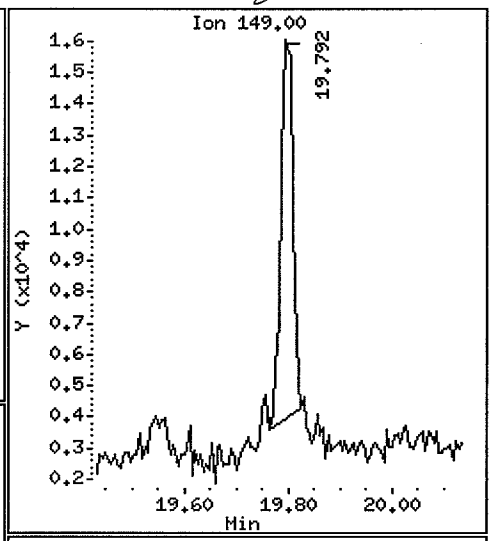
Concentration: 13.21 ug/kg

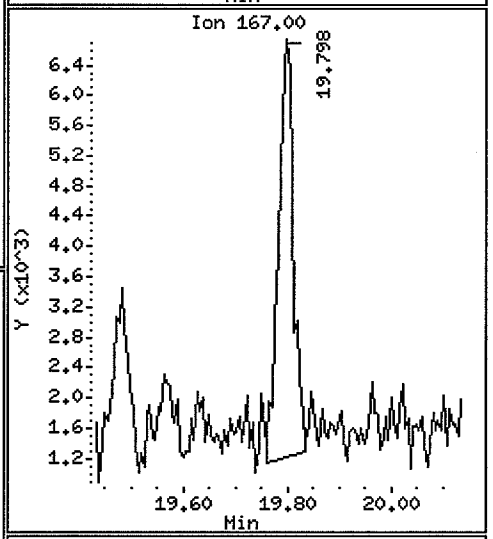


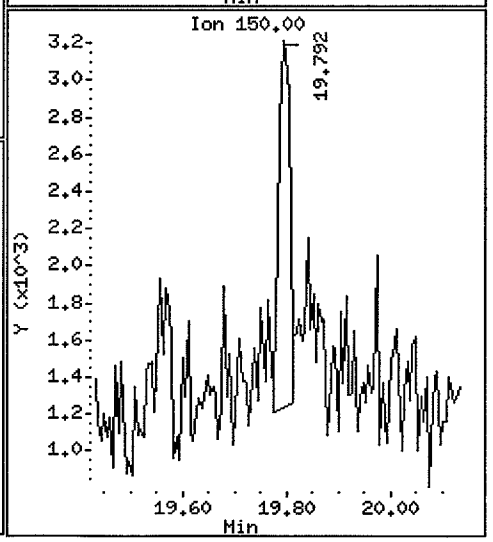












Data File: /chem1/nt6.i/20071018.b/lr71j.d

Date : 18-OCT-2007 20:18

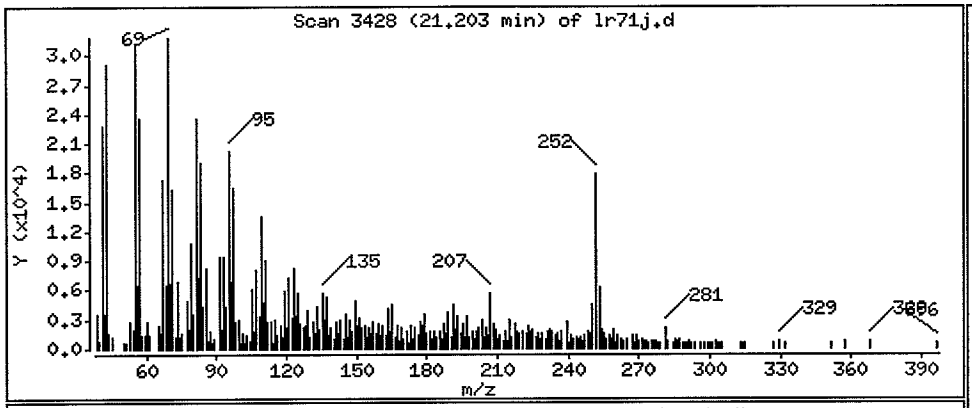
Client ID: AN-SS-06 Instrument: nt6.i

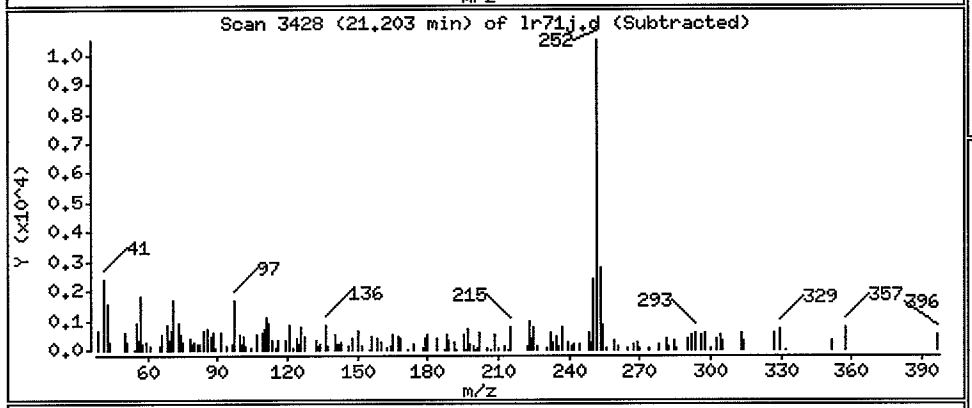
Sample Info: LR71J

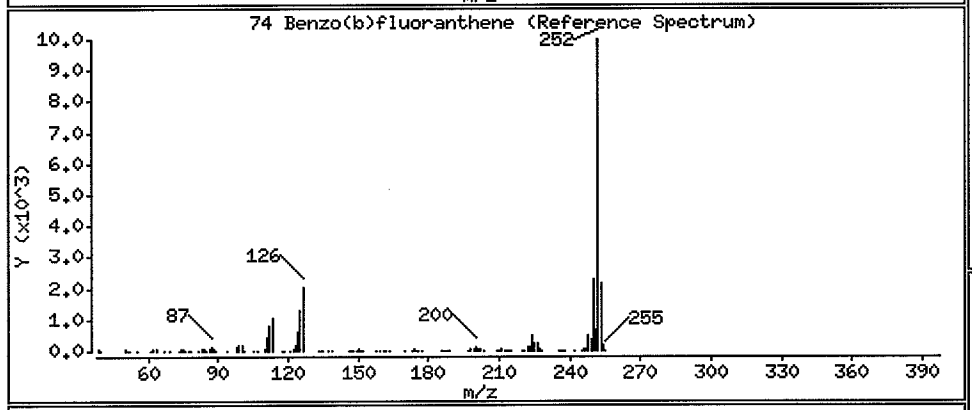
Volume Injected (uL): 1.0 Operator: LJR/VTS

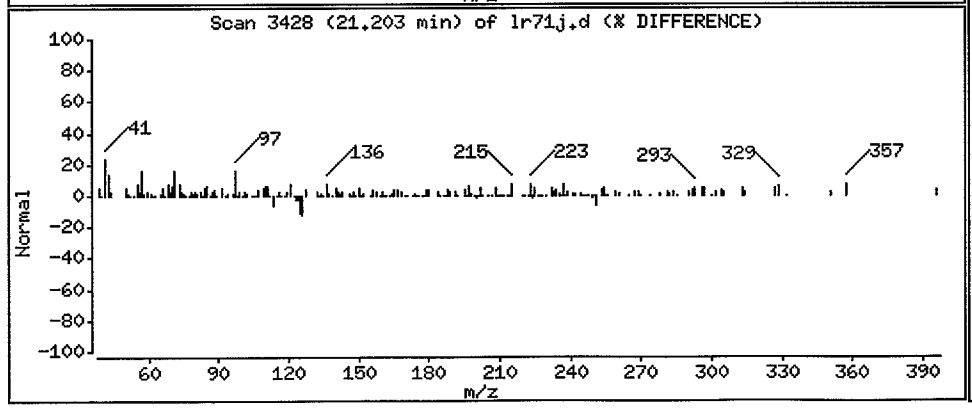
Column phase: ZB-5 Column diameter: 0.32

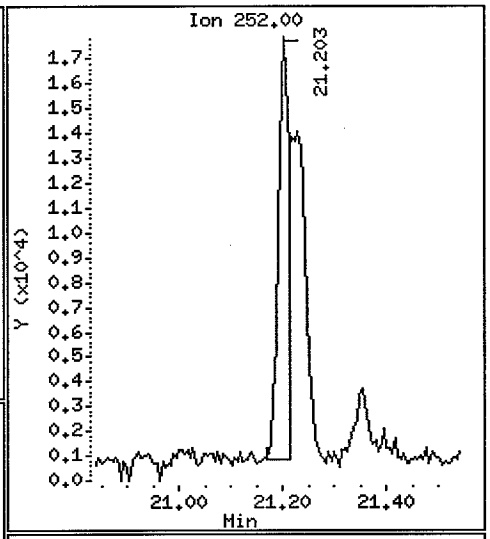
74 Benzo(b)fluoranthene Concentration: 12.47 ug/kg

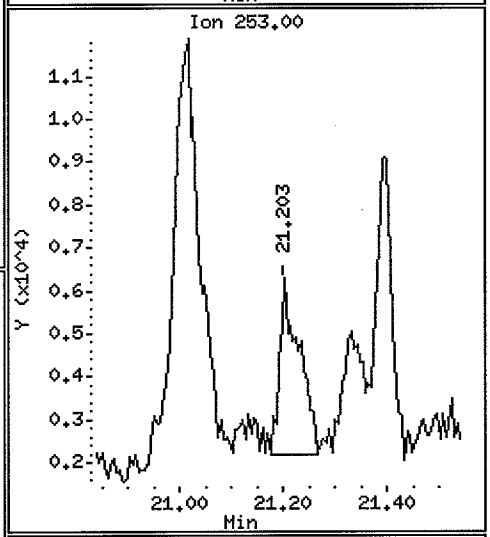


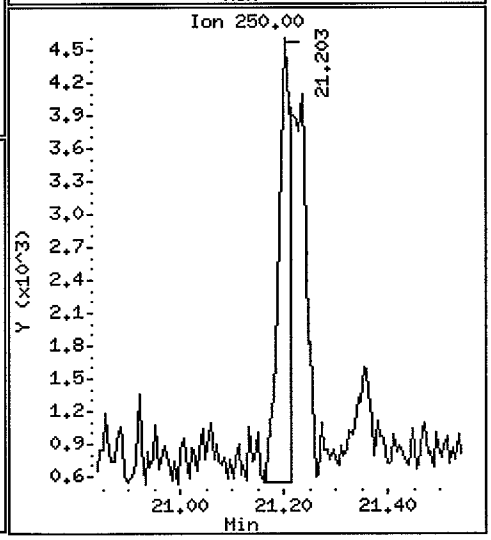












Data File: /chem1/nt6.i/20071018.b/lr71j.d

Date : 18-OCT-2007 20:18

Client ID: AN-SS-06 Instrument: nt6.i

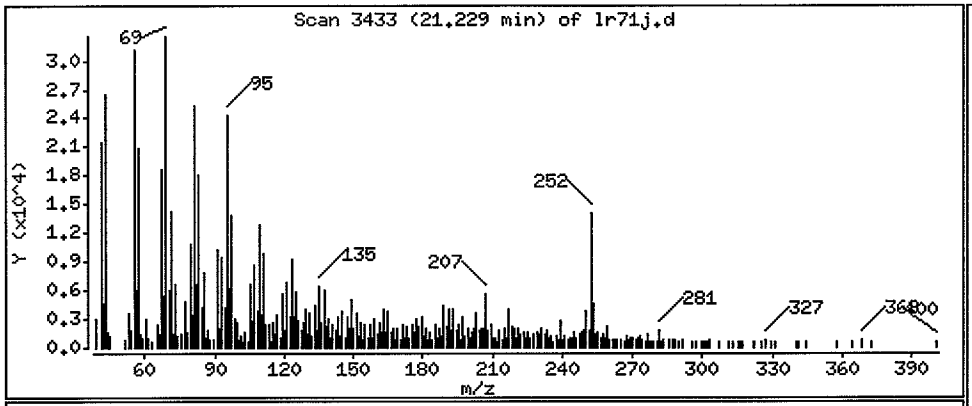
Sample Info: LR71J

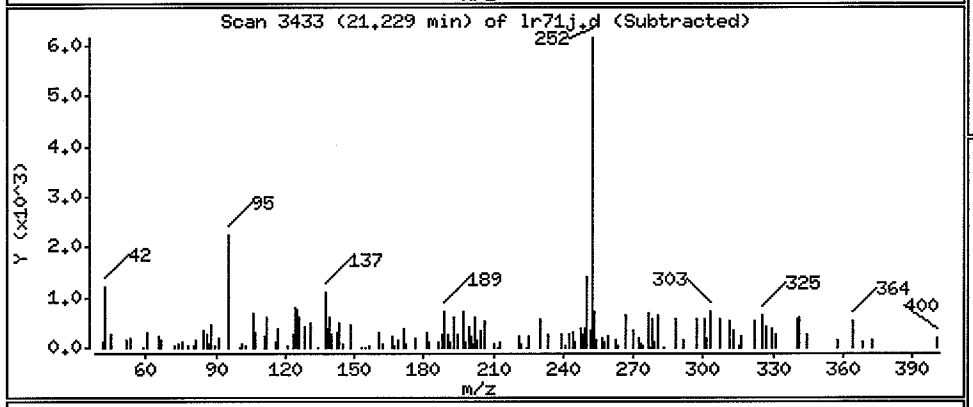
Volume Injected (uL): 1.0 Operator: LJR/VTS

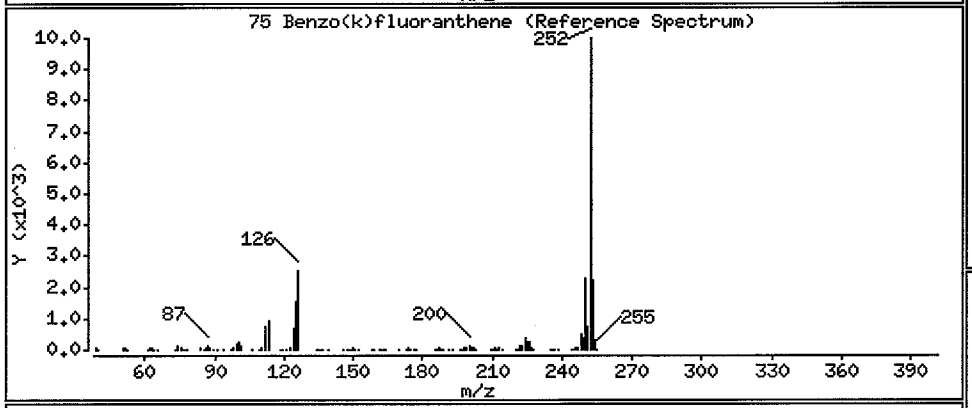
Column phase: ZB-5 Column diameter: 0.32

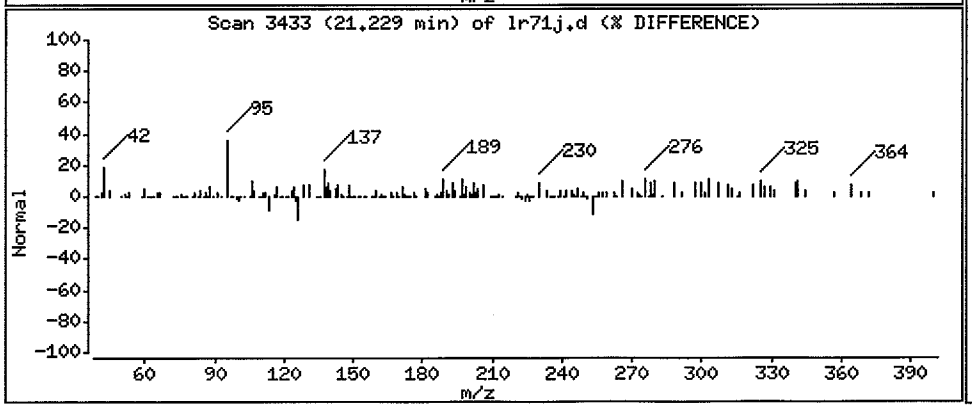
75 Benzo(k)fluoranthene Concentration: 14.16 ug/kg

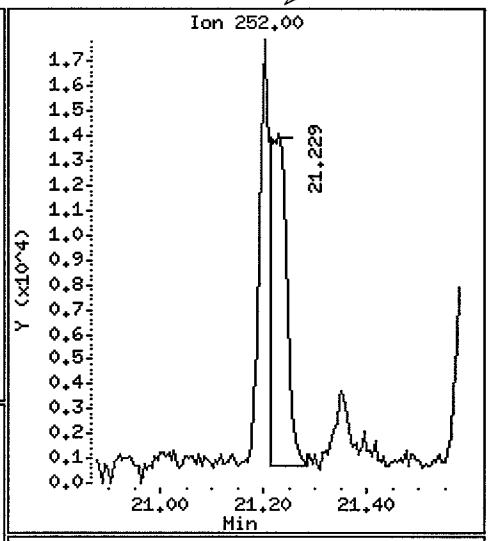
LRC

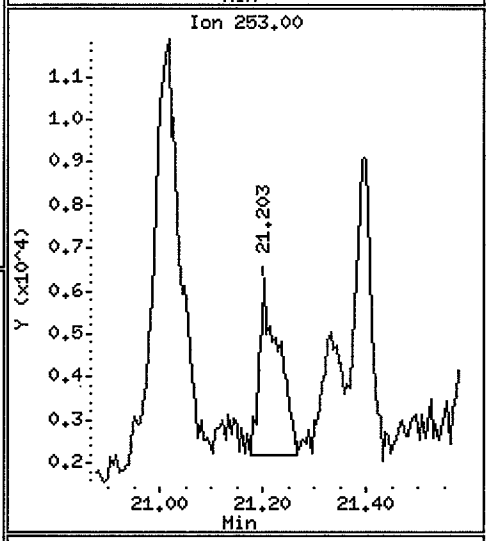


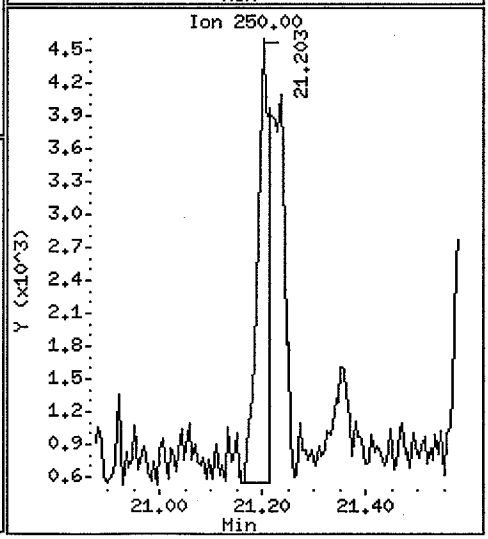












Data File: /chem1/nt6.i/20071018.b/lr71j.d

Date : 18-OCT-2007 20:18

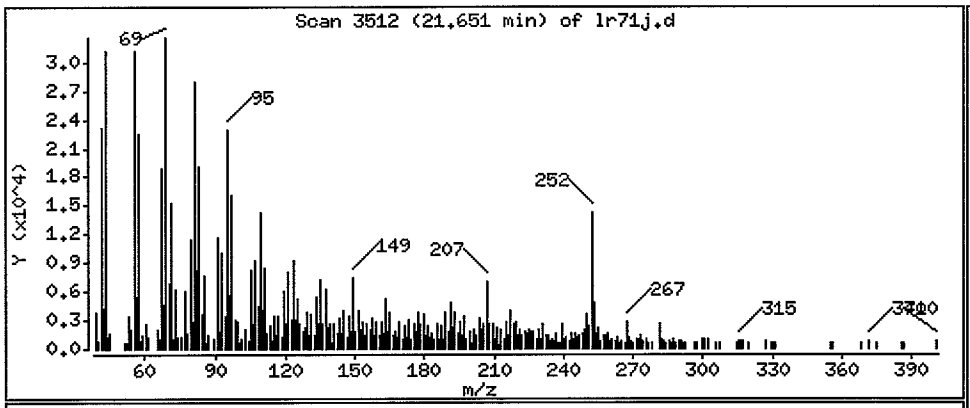
Client ID: AN-SS-06 Instrument: nt6.i

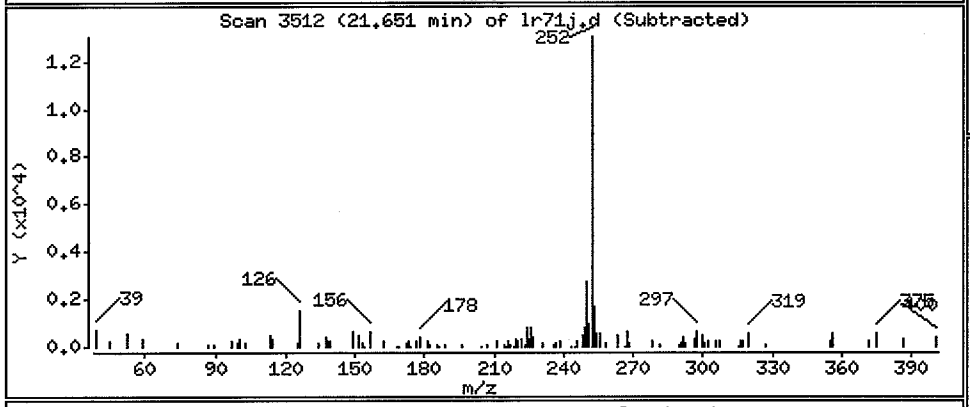
Sample Info: LR71J

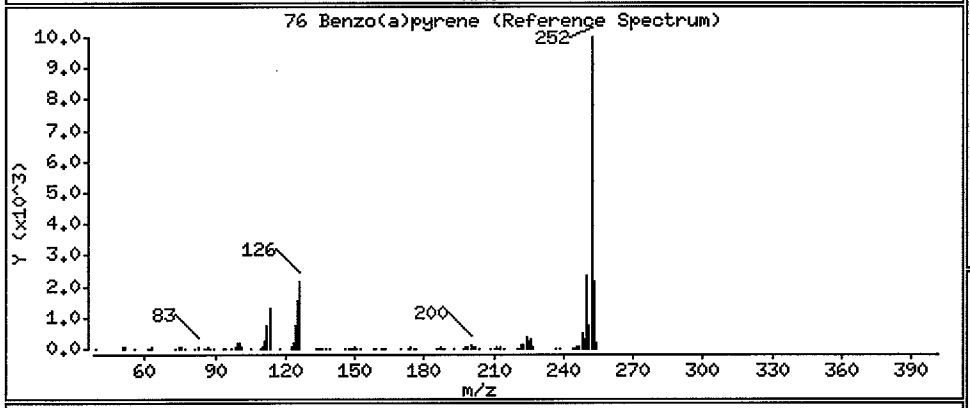
Volume Injected (uL): 1.0 Operator: LJR/VTS

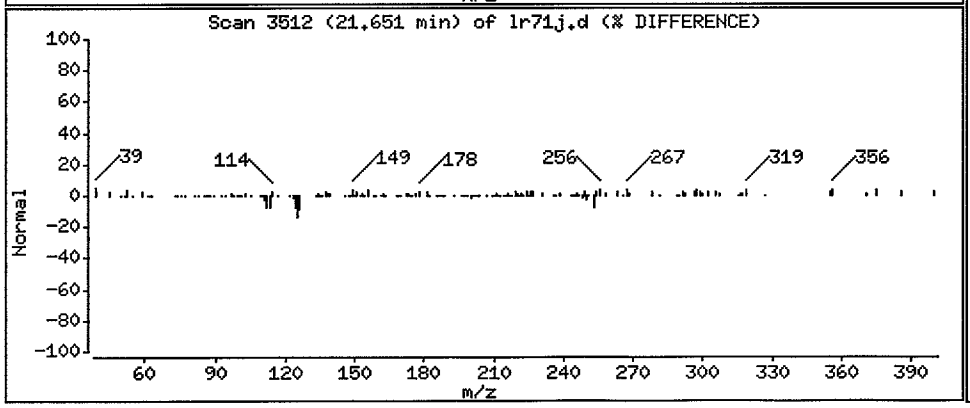
Column phase: ZB-5 Column diameter: 0.32

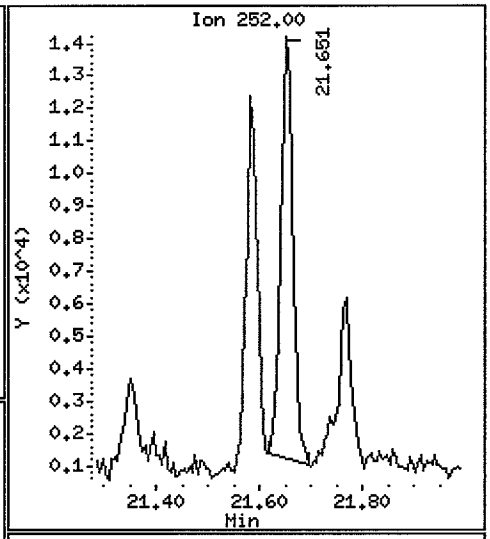
76 Benzo(a)pyrene Concentration: 11.95 ug/kg

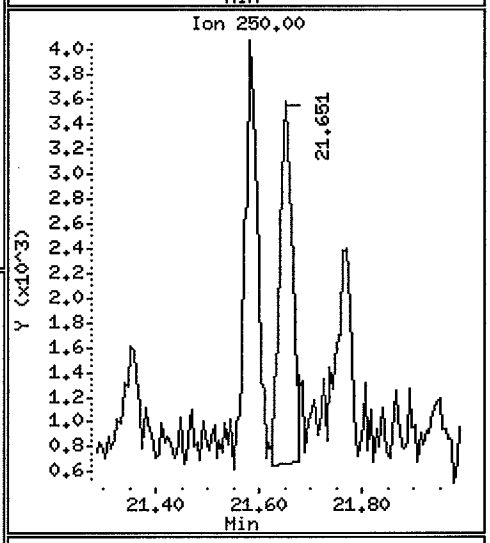


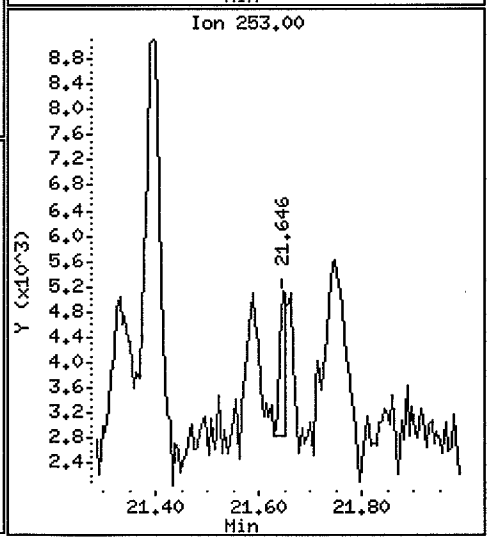












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-06
REEXTRACT

Lab Sample ID: LR71J
LIMS ID: 07-20775
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/28/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 21:52
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 51.2 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 22.1%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**46**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**230**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	Naphthalene	20	< 20 U
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	2-Methylnaphthalene	20	< 20 U
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	Dibenzofuran	20	< 20 U
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	Fluorene	20	< 20 U
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**26**
120-12-7	Anthracene	20	< 20 U
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**40**
129-00-0	**Pyrene**	**20**	**25**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**22**
117-81-7	bis(2-Ethylhexyl)phthalate	20	< 20 U
218-01-9	**Chrysene**	**20**	**30**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**23**
207-08-9	Benzo(k)fluoranthene	20	< 20 U
50-32-8	Benzo(a)pyrene	20	< 20 U
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-06**
Page 2 of 2 **REEXTRACT**

Lab Sample ID: LR71J QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20775 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 21:52

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	< 20 U

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	55.6%	2-Fluorobiphenyl	59.6%
d14-p-Terphenyl	54.8%	d4-1,2-Dichlorobenzene	52.8%
d5-Phenol	56.3%	2-Fluorophenol	46.4%
2,4,6-Tribromophenol	61.6%	d4-2-Chlorophenol	55.7%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71j2.d
Lab Smp Id: LR71JRE
Inj Date : 01-NOV-2007 21:52
Operator : VTS Inst ID: nt4.i
Smp Info : LR71JRE
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 11/2/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.827	4.748	(0.707)	250279	17.3851	347.7
$ 2	Phenol-d5	99	6.515	6.489	(0.955)	340284	21.1178	422.4
3	Phenol	94	6.531	6.505	(0.957)	45054	2.35430	47.09
$ 5	2-Chlorophenol-d4	132	6.542	6.521	(0.958)	249762	20.8959	417.9
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	6.825	6.820	(1.000)	170134	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.124	7.114	(1.044)	101441	13.1899	263.8
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	7.701	7.686	(1.128)	150674	11.7093	234.2
$	18 Nitrobenzene-d5	82	7.776	7.771	(0.877)	225319	13.8636	277.3
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.871	8.872	(1.000)	616125	20.0000	
	28 Naphthalene	128	8.898	8.899	(1.003)	22195	0.58677 LOL	11.74
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	Compound Not Detected.					
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.677	10.677	(0.914)	339137	14.9373	298.7
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	Compound Not Detected.					
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.687	11.682	(1.000)	328811	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	Compound Not Detected.					
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	Compound Not Detected.					
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	Compound Not Detected.					
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.958	12.953	(1.109)	65431	23.1161	462.3
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.000	14.000	(1.000)	471706	20.0000	
	60 Phenanthrene	178	14.032	14.032	(1.002)	42639	1.30792	26.16
	61 Anthracene	178	Compound Not Detected.					
	62 Carbazole	167	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
63	Di-n-butylphthalate	149	Compound Not Detected.					
64	Fluoranthene	202	15.928	15.923	(1.138)	71375	2.02222	40.44
65	Pyrene	202	16.265	16.260	(0.892)	52202	1.29195	25.84
$ 66	Terphenyl-d14	244	16.644	16.634	(0.913)	320170	13.7259	274.5
67	Butylbenzylphthalate	149	Compound Not Detected.					
68	Benzo(a)anthracene	228	18.209	18.199	(0.999)	42729	1.14031	22.81
* 69	Chrysene-d12	240	18.231	18.221	(1.000)	504181	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.263	18.258	(1.002)	56916	1.54414	30.88
72	bis(2-Ethylhexyl)phthalate	149	18.589	18.578	(0.953)	20229	0.92777 LOL	18.56(M)
* 134	Di-n-octylphthalate-d4	153	19.507	19.503	(1.000)	692029	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.833	19.818	(0.975)	46016	1.20225	24.05
75	Benzo(k)fluoranthene	252	19.855	19.850	(0.976)	26500	0.65541 LOL	13.11(M)
76	Benzo(a)pyrene	252	20.266	20.245	(0.996)	27348	0.80231 ↓	16.05
* 77	Perylene-d12	264	20.341	20.325	(1.000)	562162	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
79	Dibenzo(a,h)anthracene	278	Compound Not Detected.					
80	Benzo(g,h,i)perylene	276	Compound Not Detected.					
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	Compound Not Detected.					
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71j2.d
Lab Smp Id: LR71JRE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

Calibration Date: 01-NOV-2007
Calibration Time: 14:35

Level: LOW
Sample Type: SOIL

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	170134	17.02
27 Naphthalene-d8	530525	265262	1061050	616125	16.13
42 Acenaphthene-d10	280701	140350	561402	328811	17.14
59 Phenanthrene-d10	391934	195967	783868	471706	20.35
69 Chrysene-d12	354658	177329	709316	504181	42.16
134 Di-n-octylphthala	506314	253157	1012628	692029	36.68
77 Perylene-d12	400782	200391	801564	562162	40.27

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.83	0.07
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.01
42 Acenaphthene-d10	11.68	11.18	12.18	11.69	0.04
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	0.00
69 Chrysene-d12	18.22	17.72	18.72	18.23	0.06
134 Di-n-octylphthala	19.50	19.00	20.00	19.51	0.02
77 Perylene-d12	20.33	19.83	20.83	20.34	0.08

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

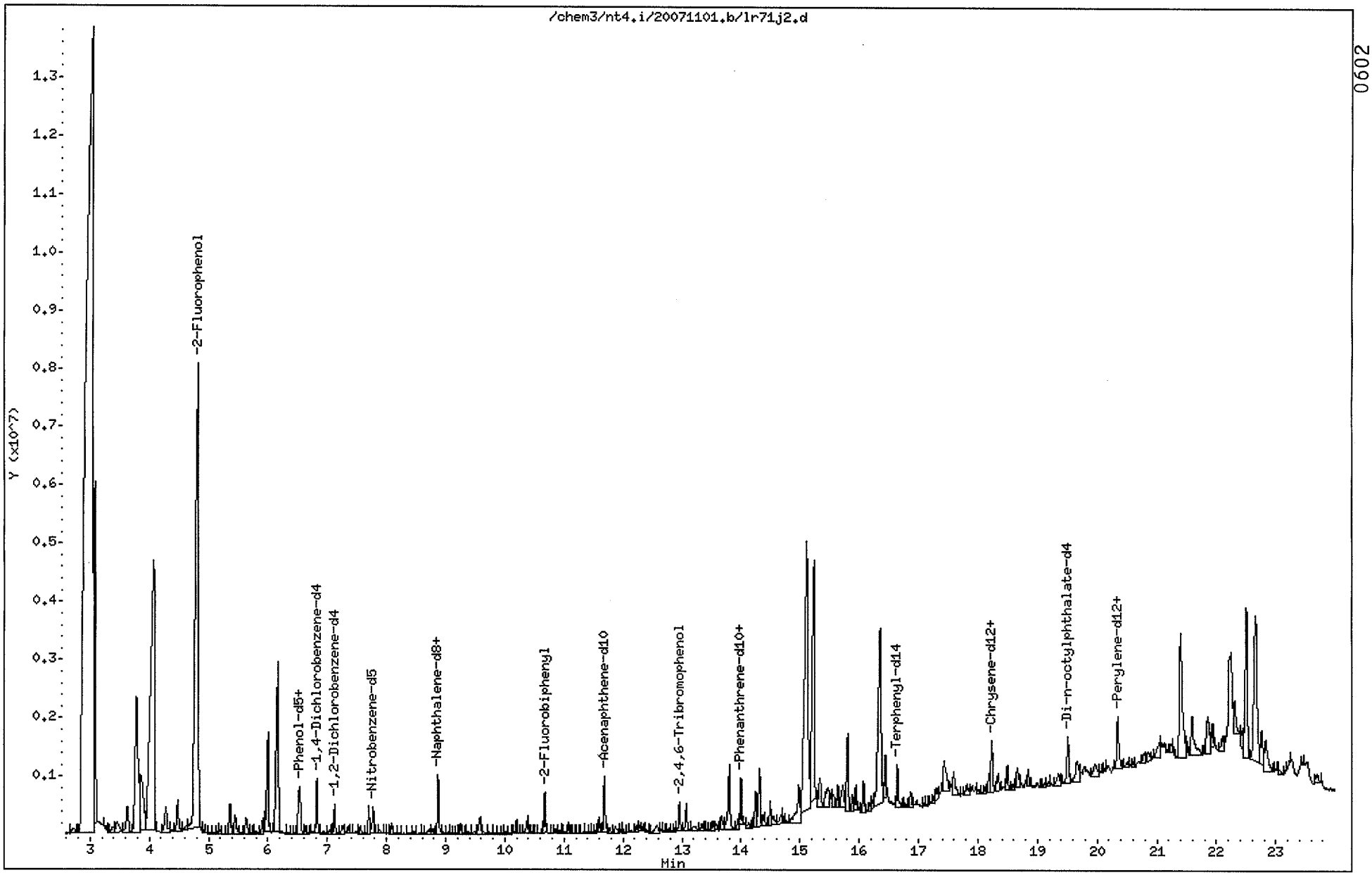
RECOVERY REPORT

Client Name: Client SDG: 20071101
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LR71JRE
Level: LOW Operator: VTS
Data Type: MS DATA SampleType: SAMPLE
SpikeList File: PSDDALCS.spk Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	347.7	46.36	11-84
$ 2 Phenol-d5	750.0	422.4	56.31	25-86
$ 5 2-Chlorophenol-d4	750.0	417.9	55.72	23-91
$ 10 1,2-Dichlorobenzen	500.0	263.8	52.76	24-90
$ 18 Nitrobenzene-d5	500.0	277.3	55.45	26-88
$ 36 2-Fluorobiphenyl	500.0	298.7	59.75	34-91
$ 55 2,4,6-Tribromophen	750.0	462.3	61.64	25-107
$ 66 Terphenyl-d14	500.0	274.5	54.90	22-100

Data File: /chem3/nt4.i/20071101.b/lr71j2.d
Date : 01-NOV-2007 21:52
Client ID:
Sample Info: LR71JRE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

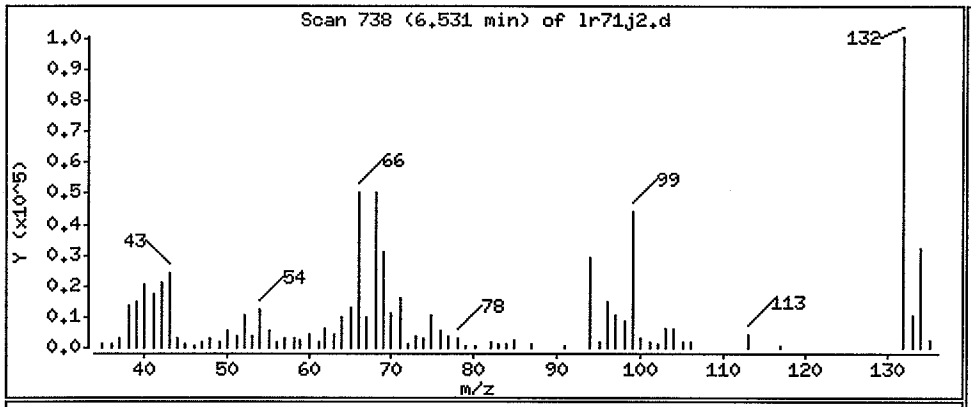
Operator: VTS

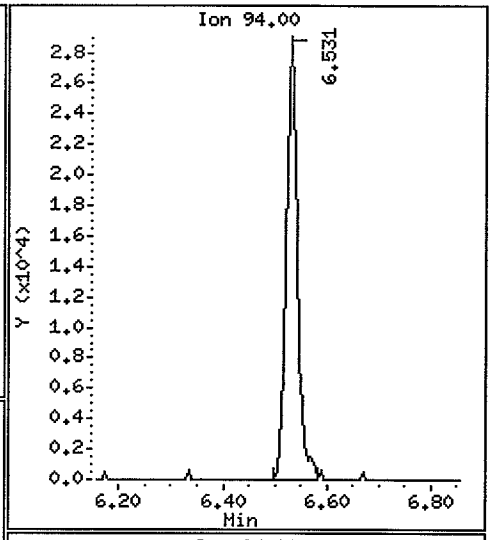
Column phase: ZB-5

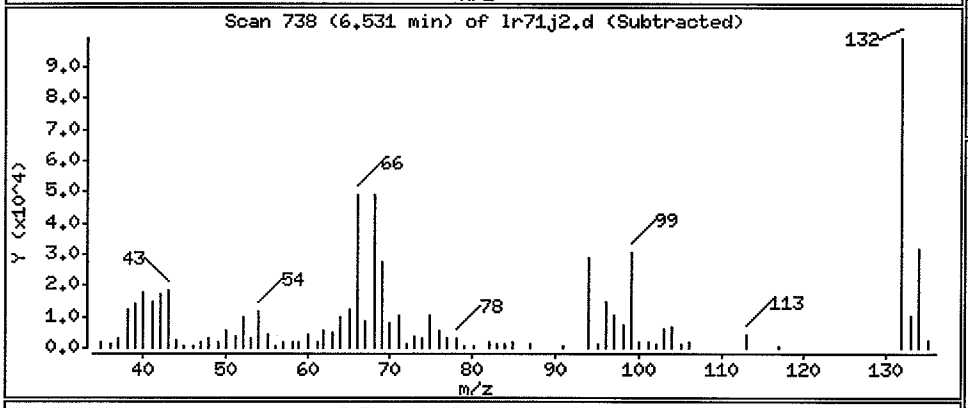
Column diameter: 0.32

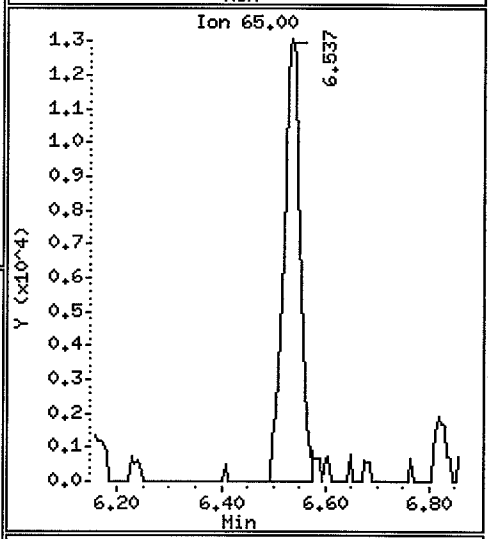
3 Phenol

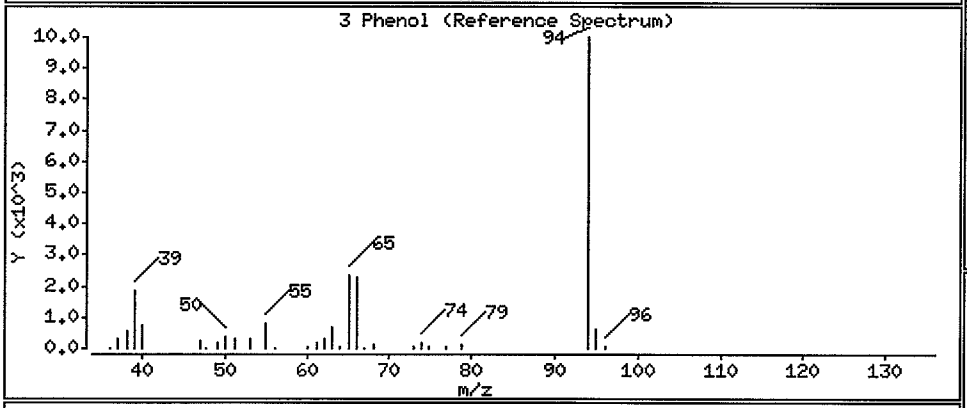
Concentration: 47.09 ug/Kg

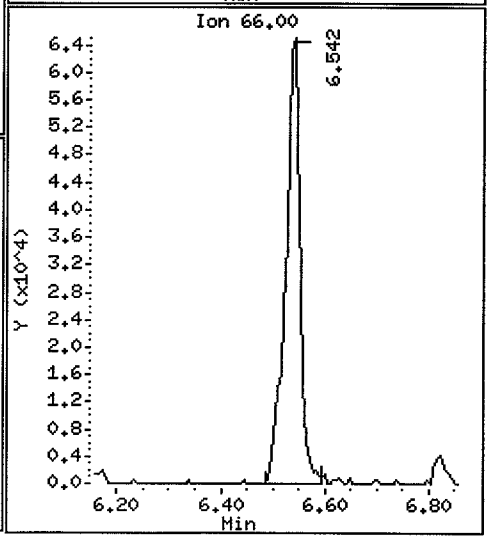


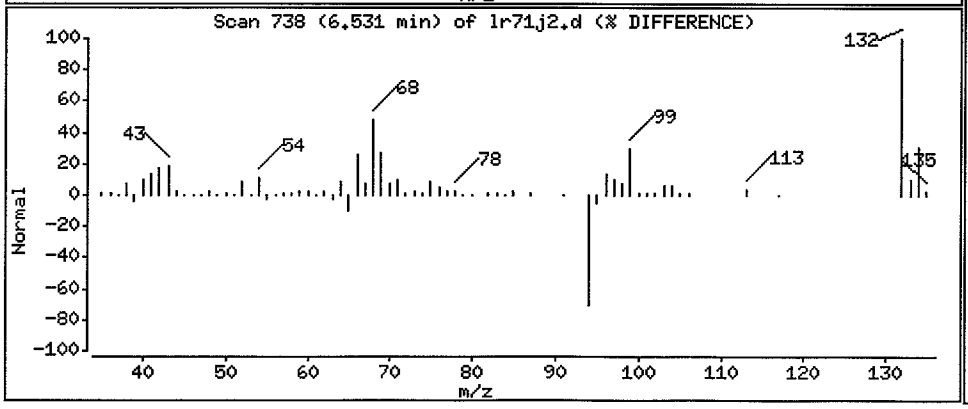












Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

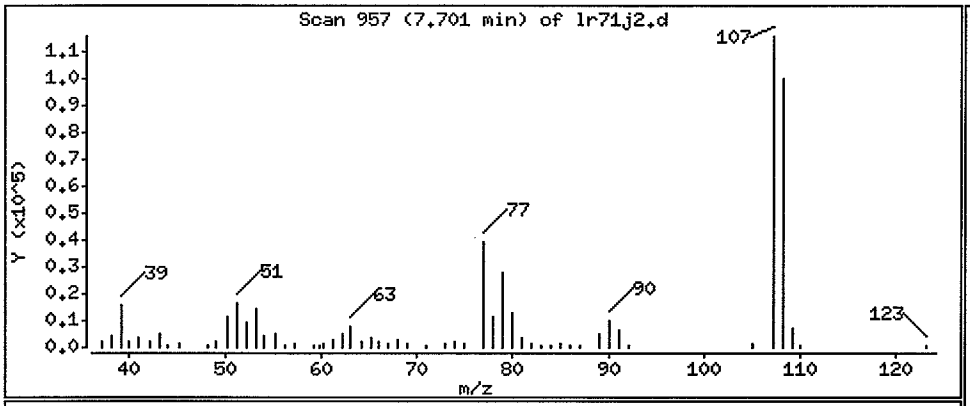
Operator: VTS

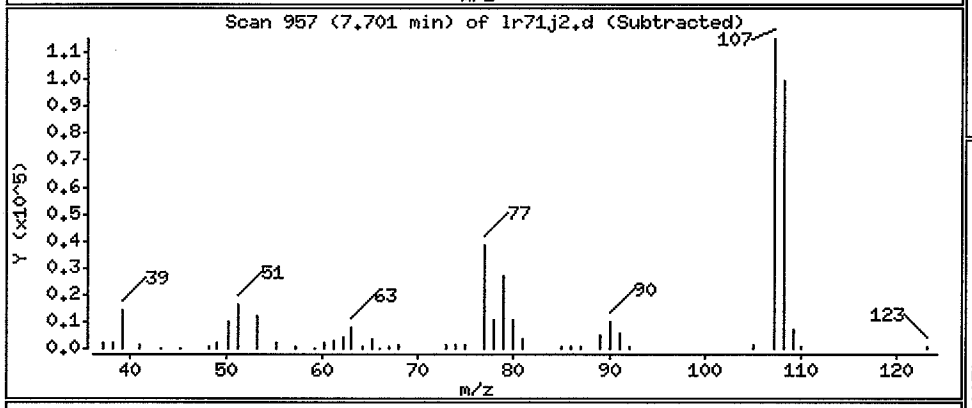
Column phase: ZB-5

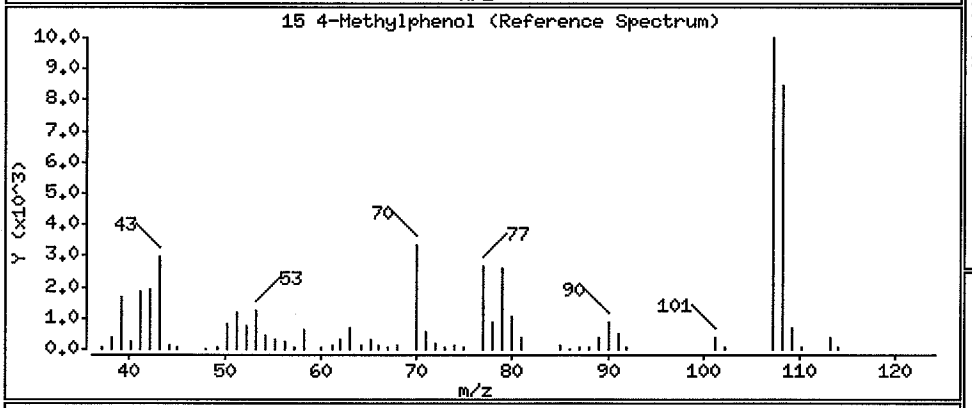
Column diameter: 0.32

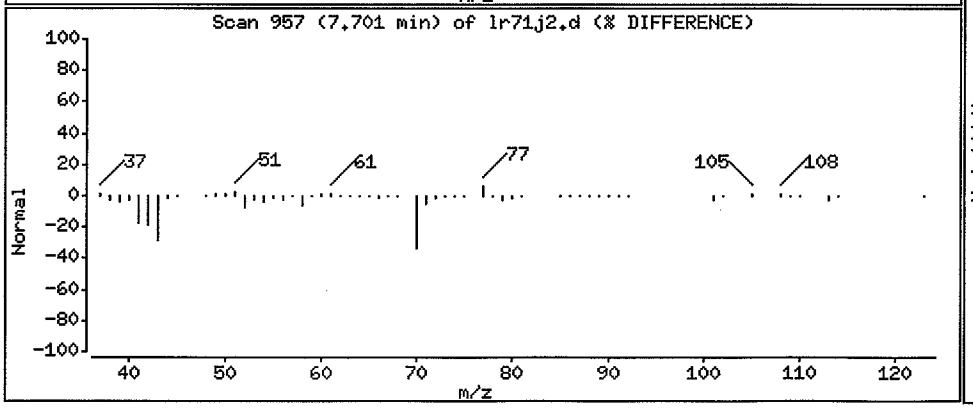
15 4-Methylphenol

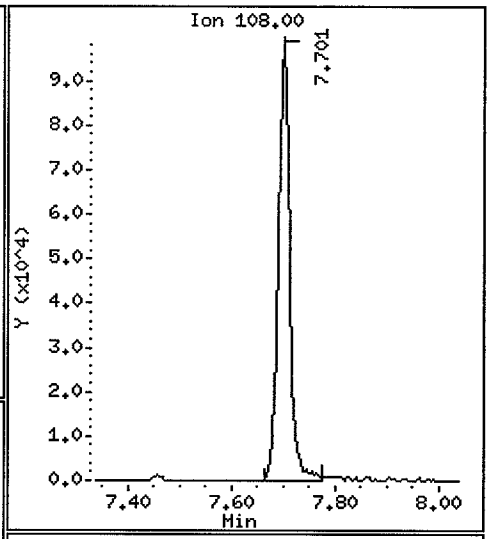
Concentration: 234.2 ug/Kg

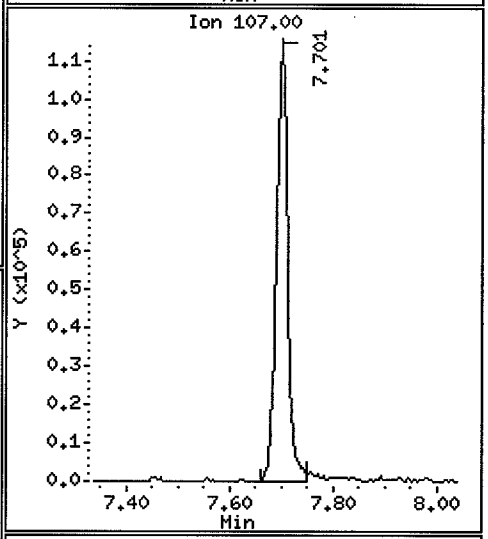


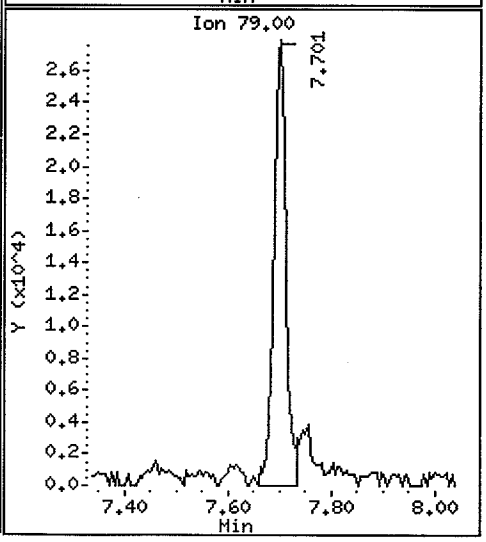












Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

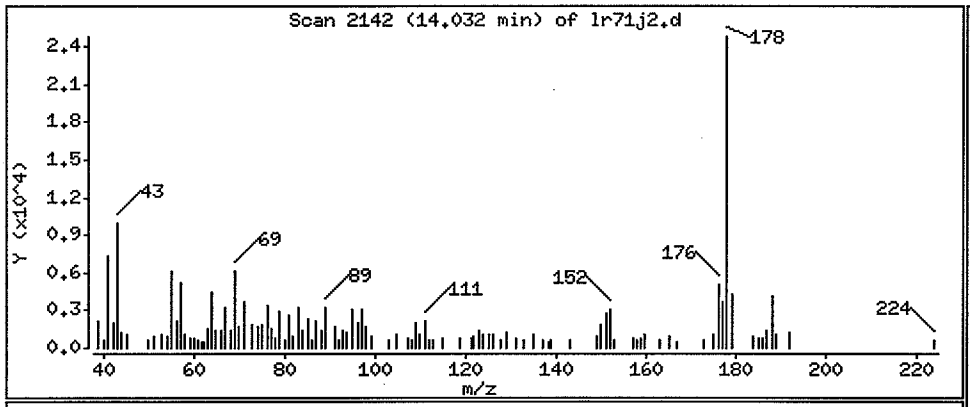
Operator: VTS

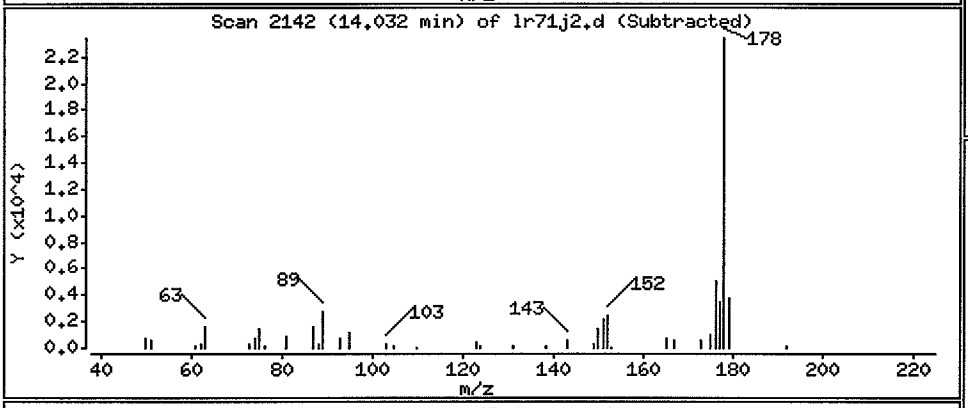
Column phase: ZB-5

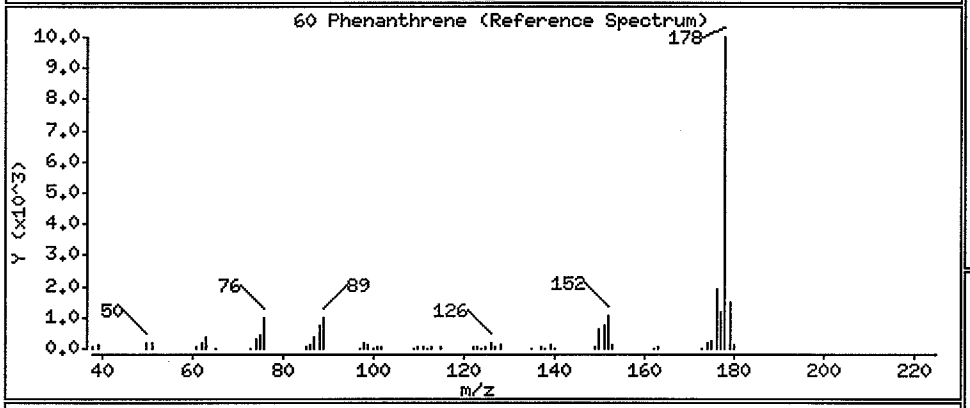
Column diameter: 0.32

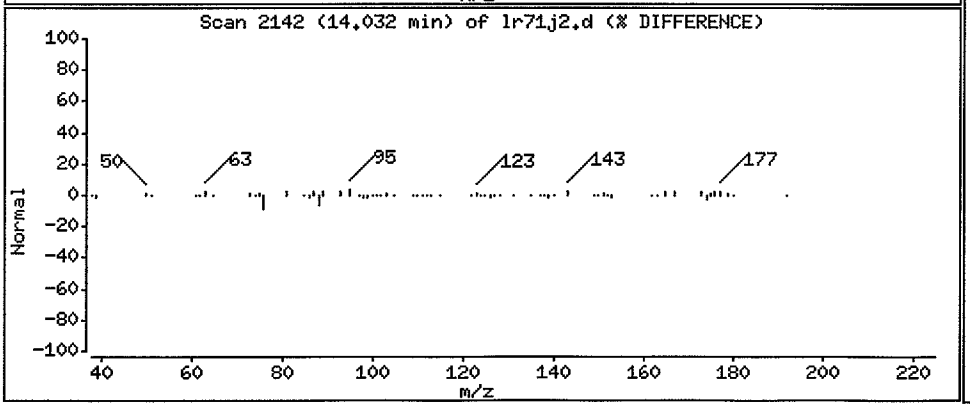
60 Phenanthrene

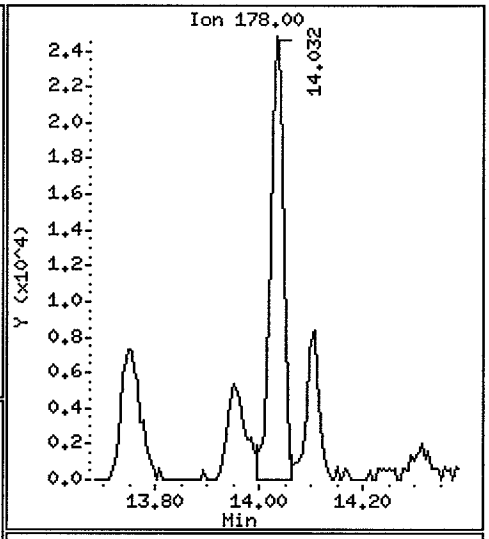
Concentration: 26.16 ug/Kg

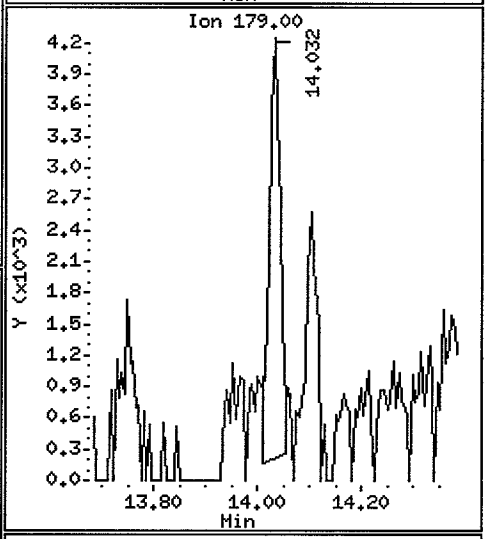


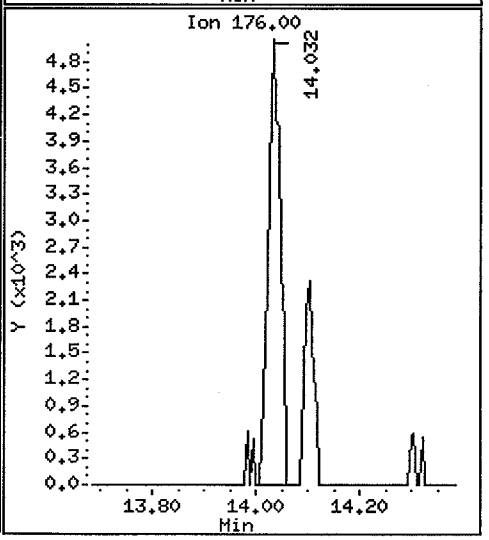












Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

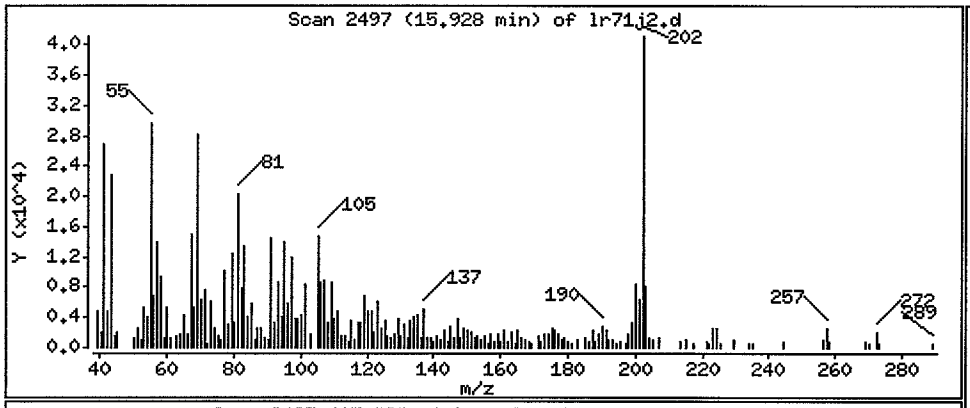
Operator: VTS

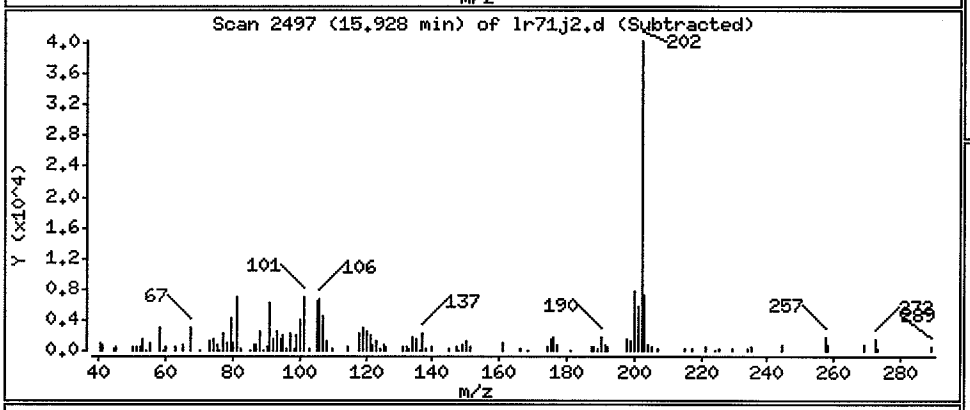
Column phase: ZB-5

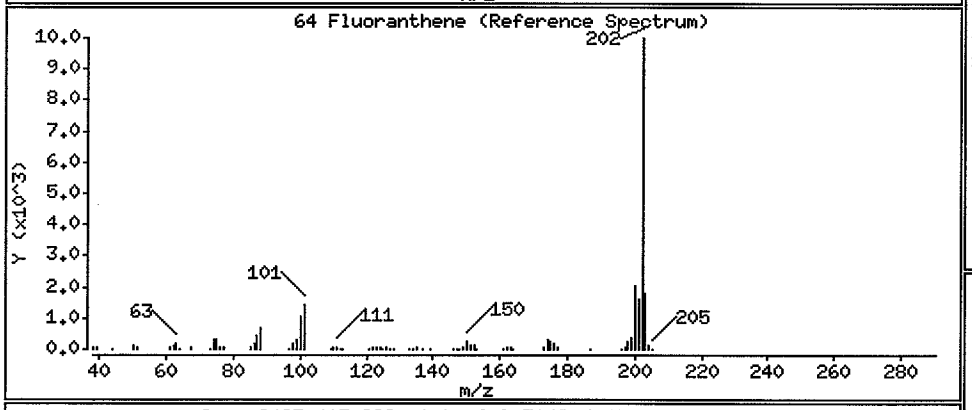
Column diameter: 0.32

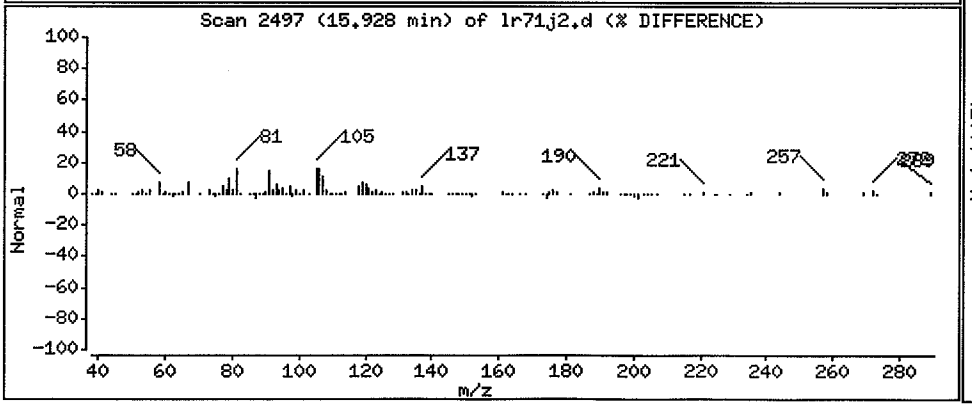
64 Fluoranthene

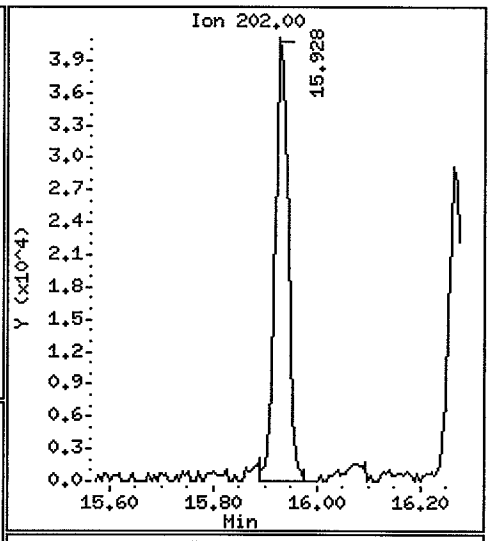
Concentration: 40.44 ug/Kg

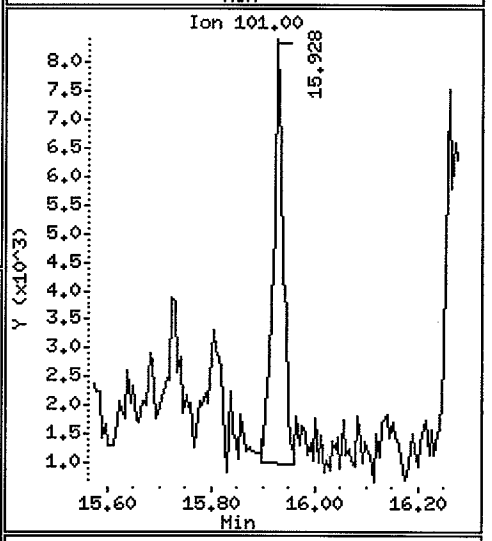


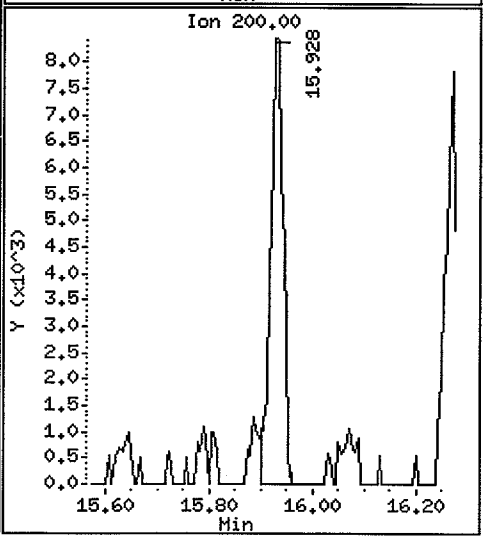












Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

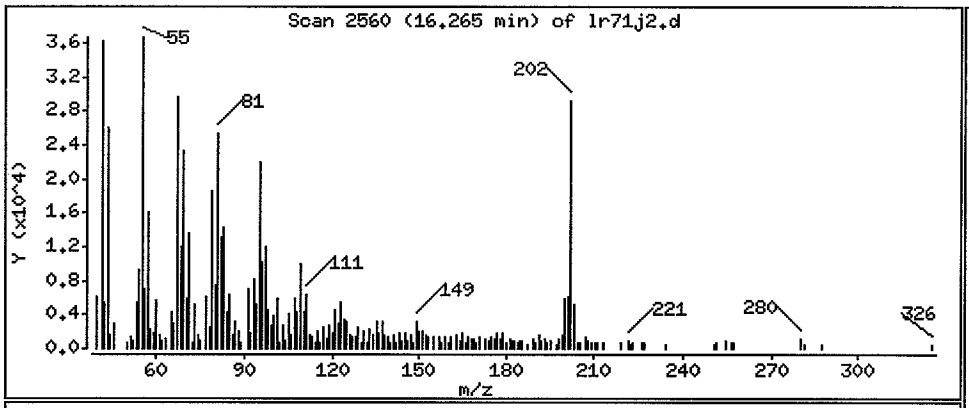
Operator: VTS

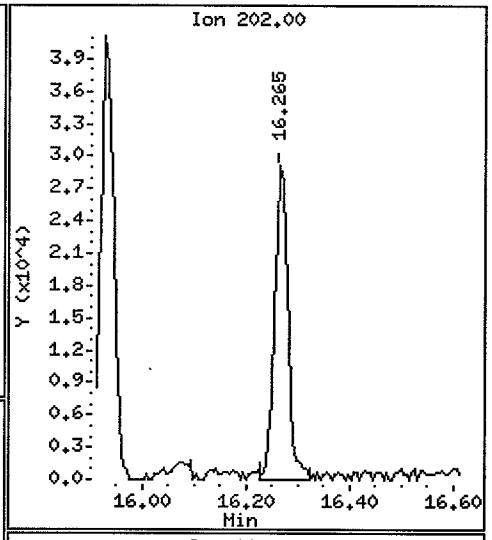
Column phase: ZB-5

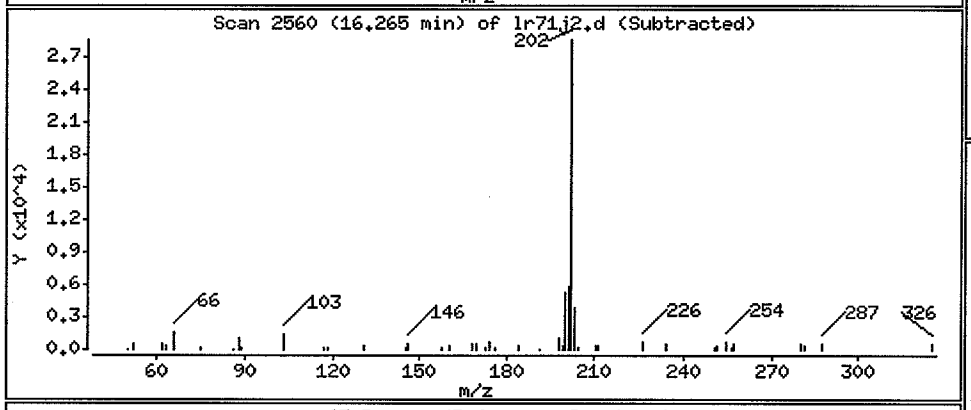
Column diameter: 0.32

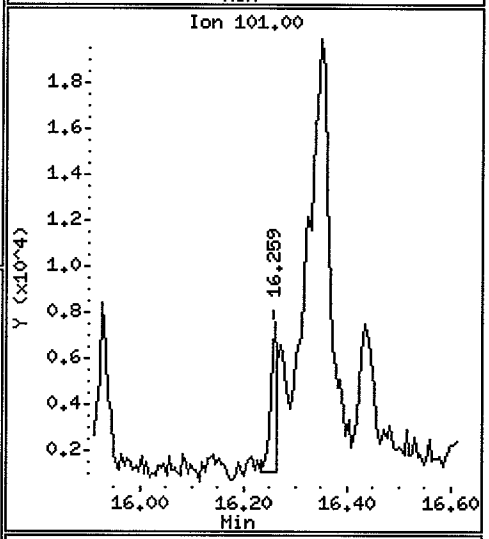
65 Pyrene

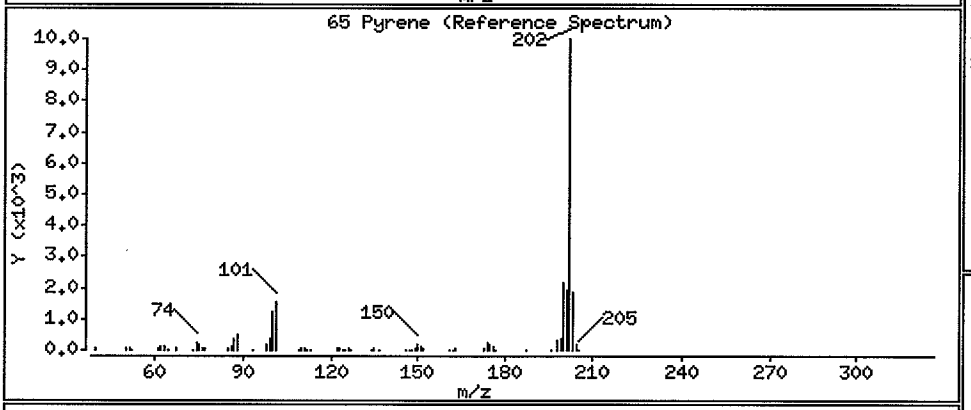
Concentration: 25.84 ug/Kg

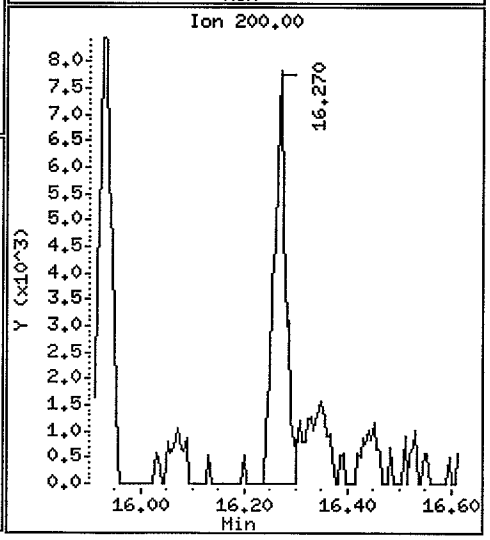


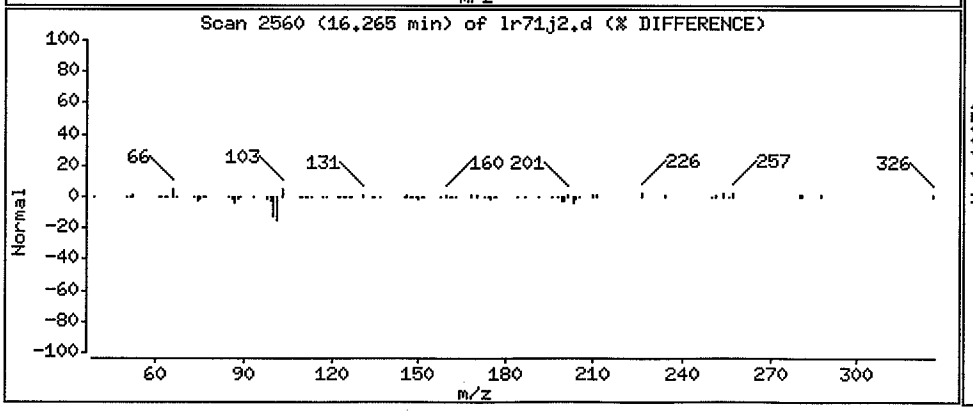












Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

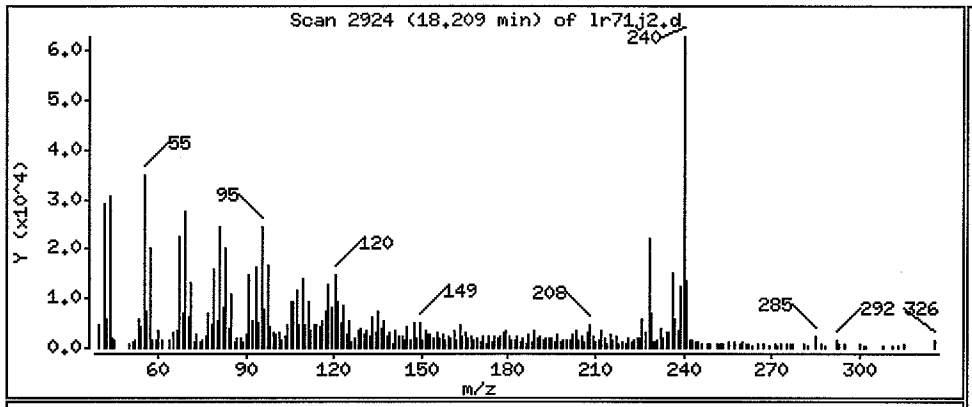
Operator: VTS

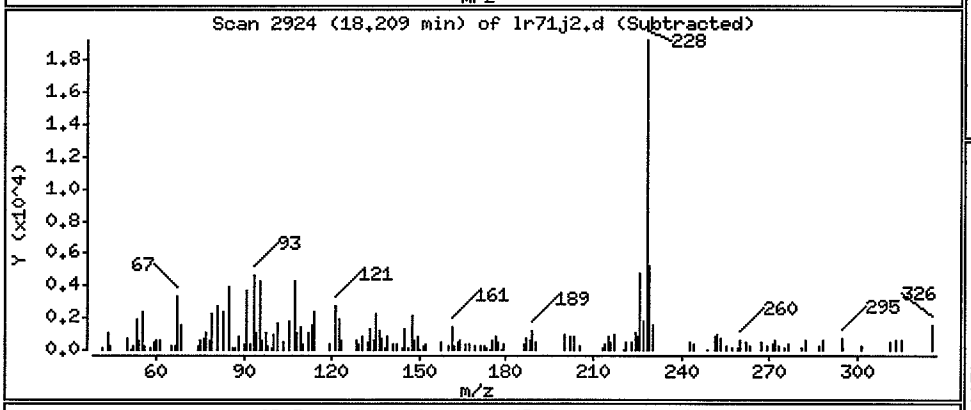
Column phase: ZB-5

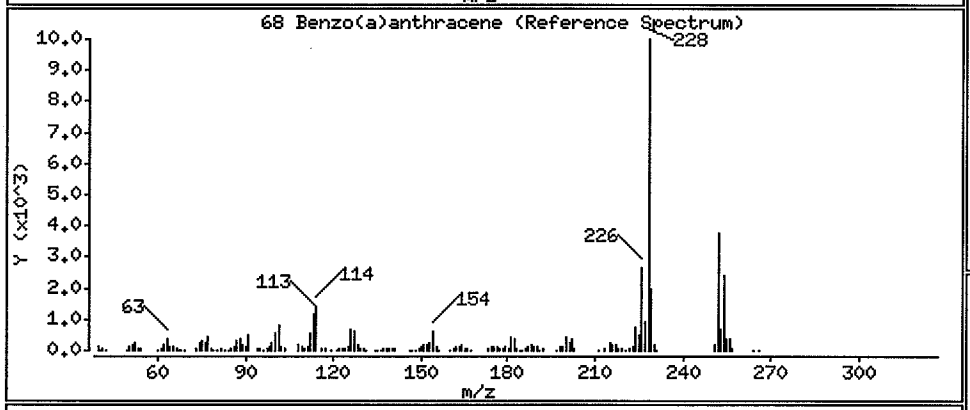
Column diameter: 0.32

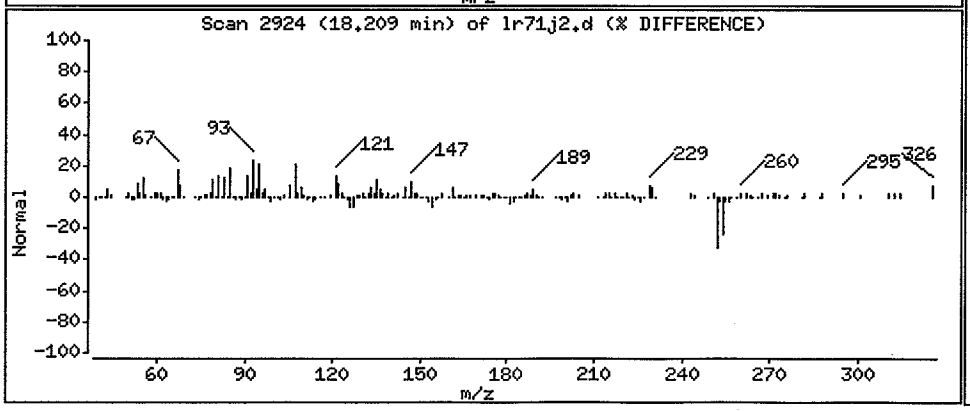
68 Benzo(a)anthracene

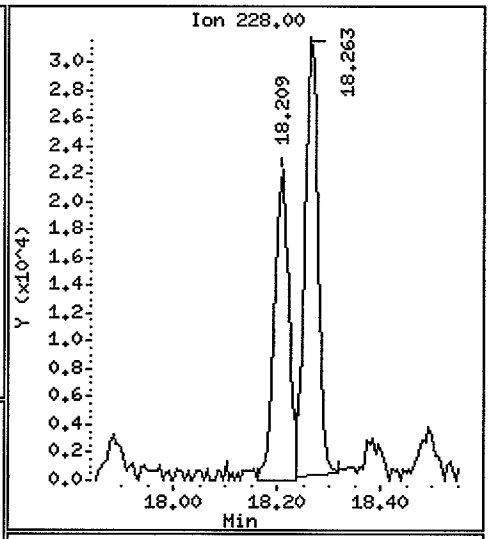
Concentration: 22.81 ug/Kg

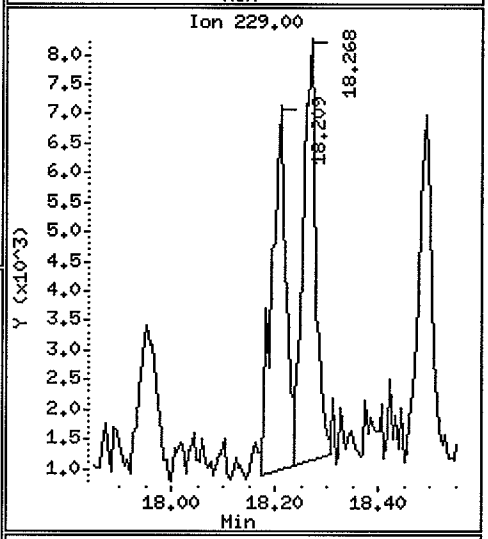


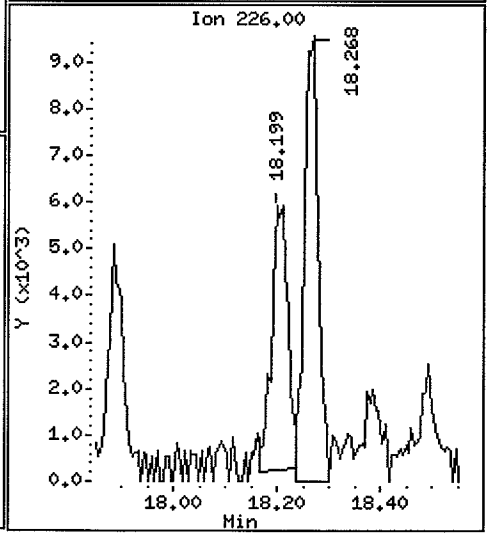












Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

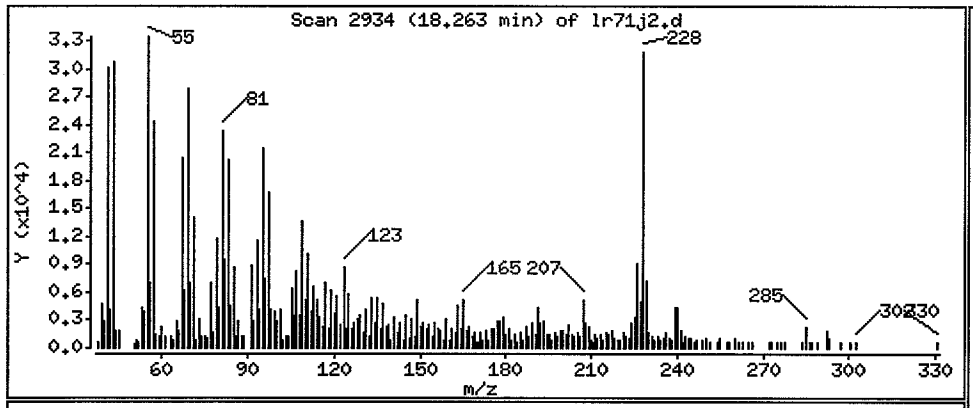
Operator: VTS

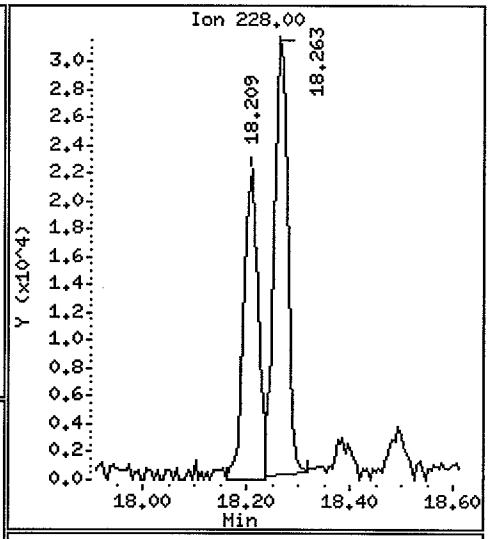
Column phase: ZB-5

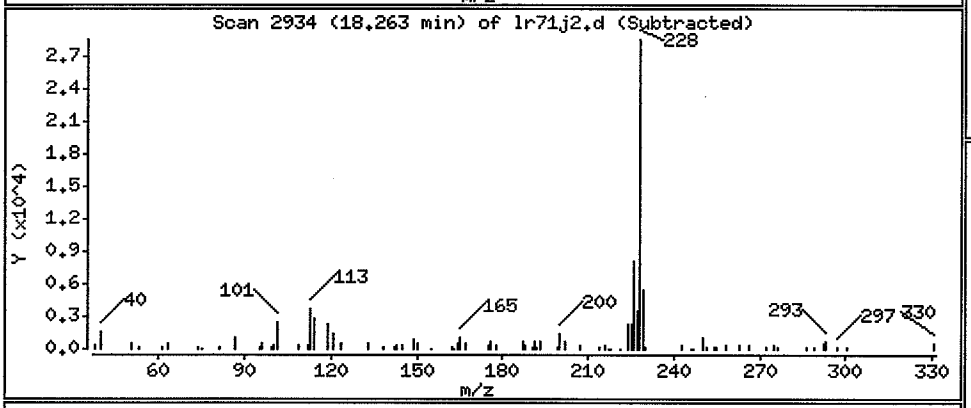
Column diameter: 0.32

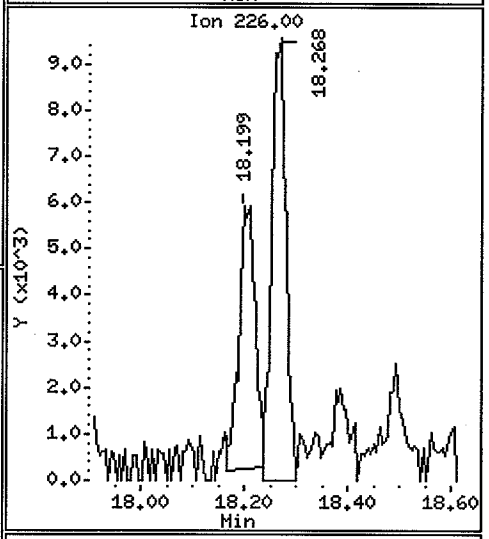
71 Chrysene

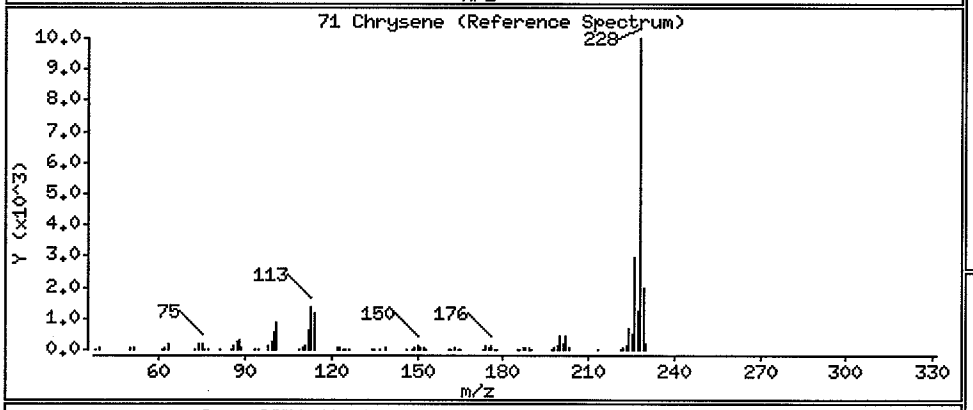
Concentration: 30.88 ug/Kg

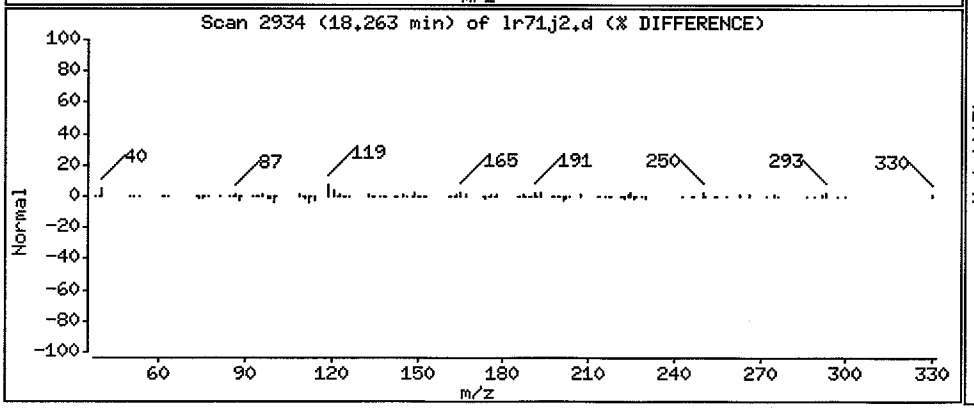


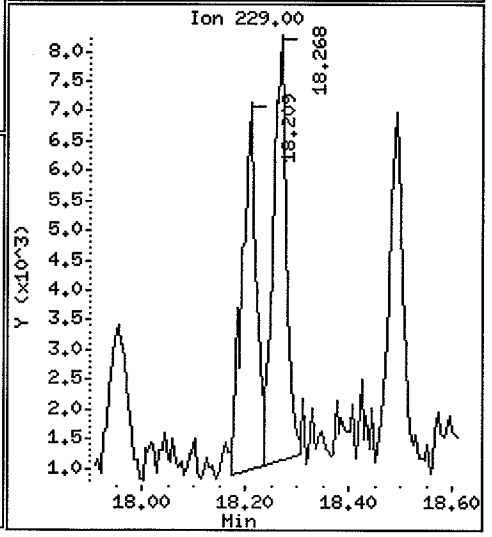












Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

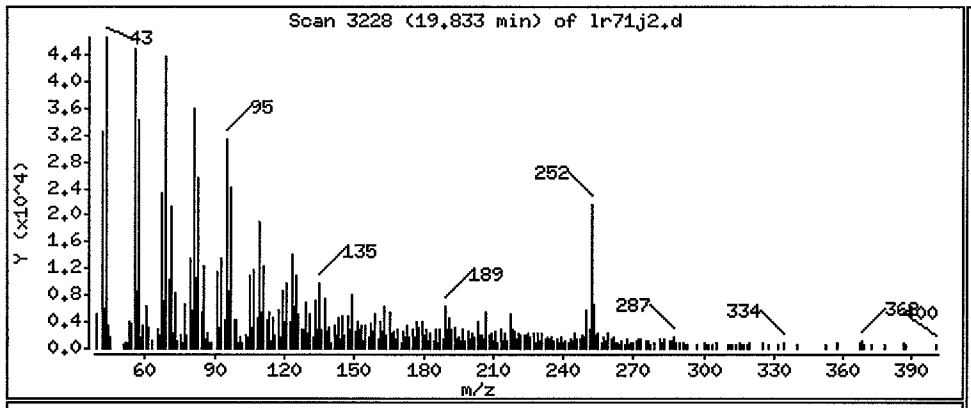
Operator: VTS

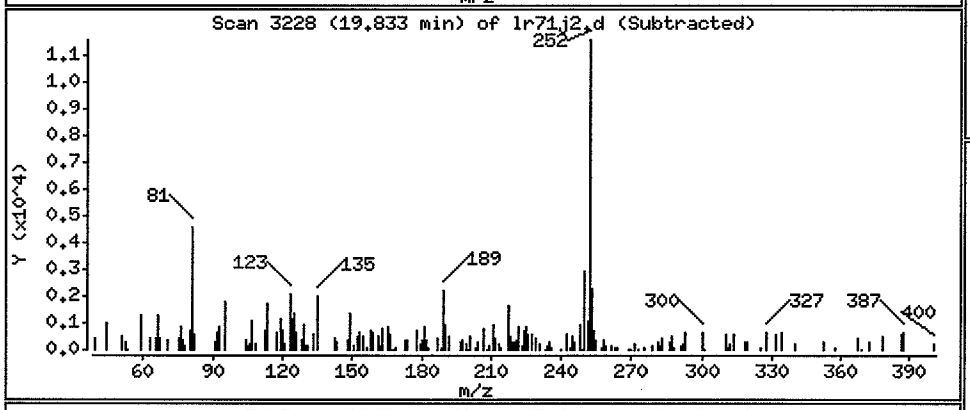
Column phase: ZB-5

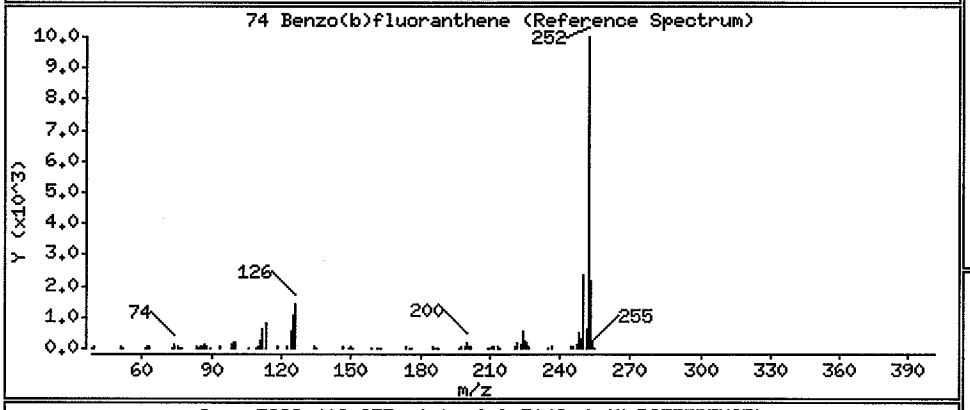
Column diameter: 0.32

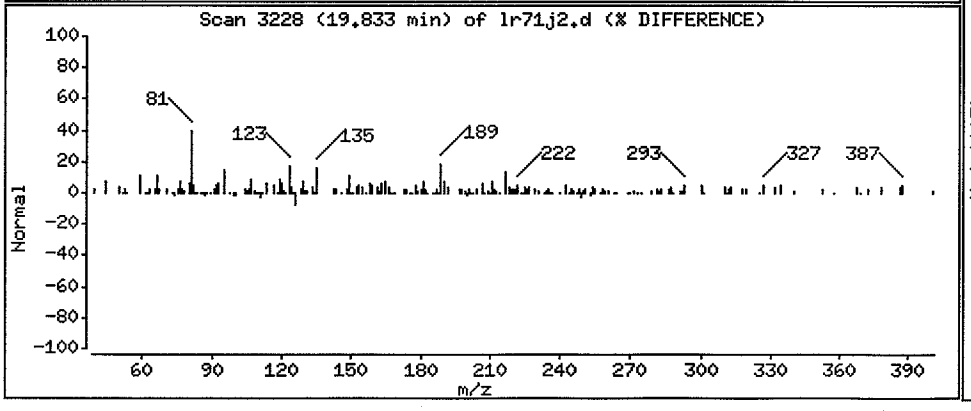
74 Benzo(b)fluoranthene

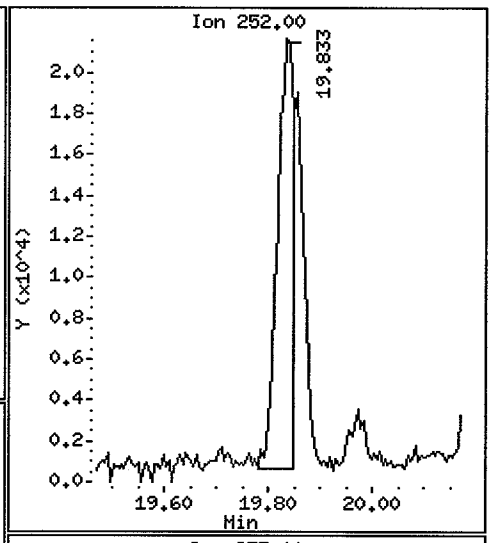
Concentration: 24.05 ug/Kg

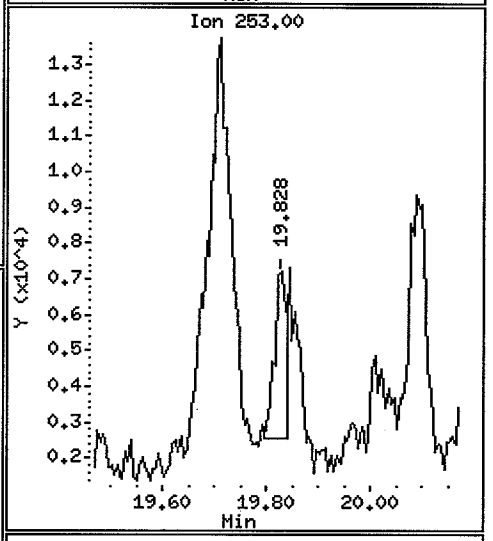


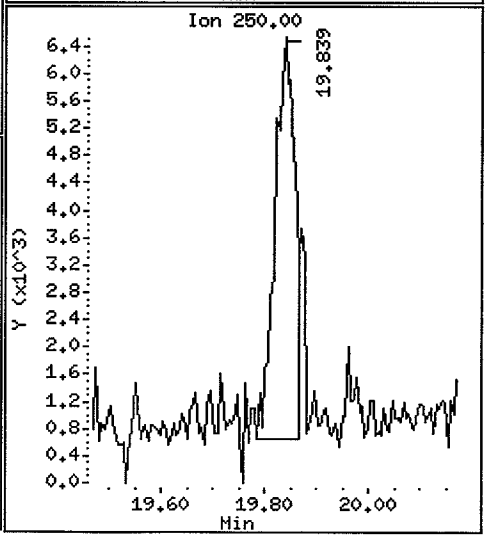












Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

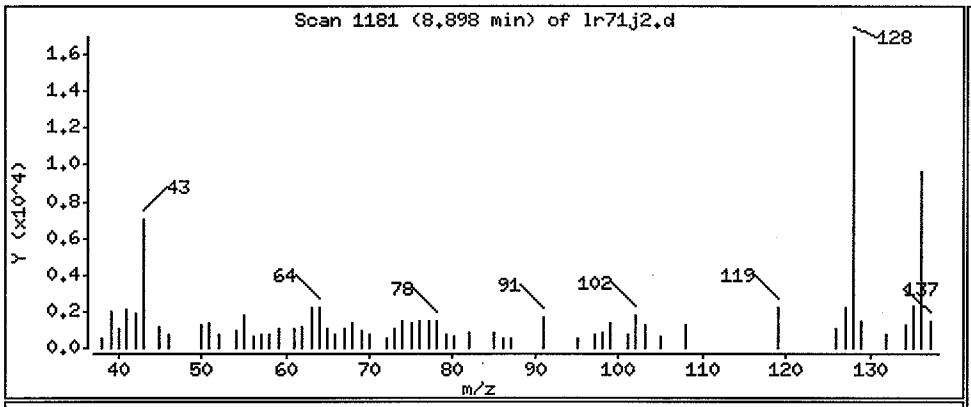
Operator: VTS

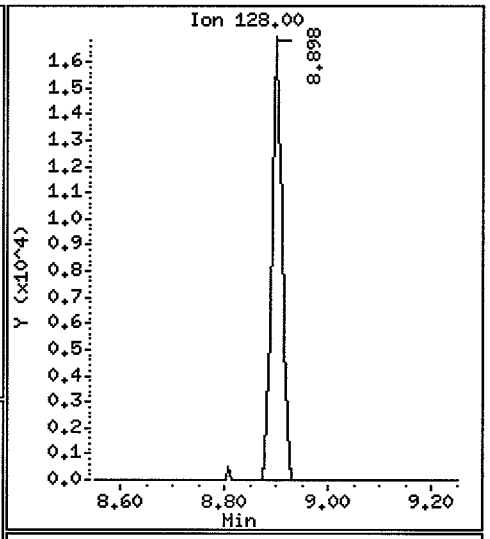
Column phase: ZB-5

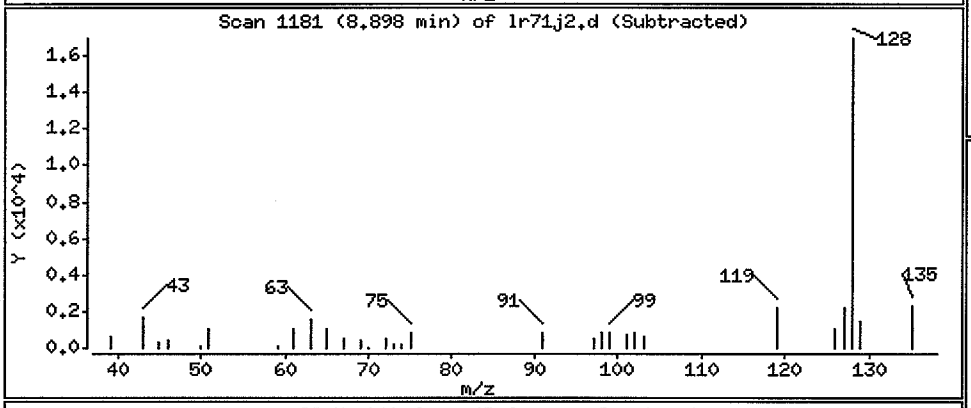
Column diameter: 0.32

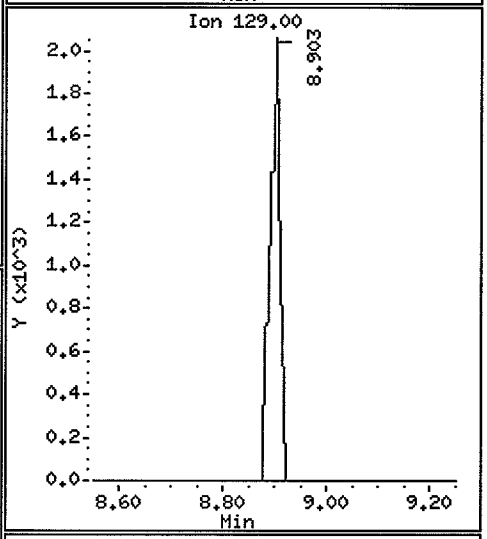
28 Naphthalene

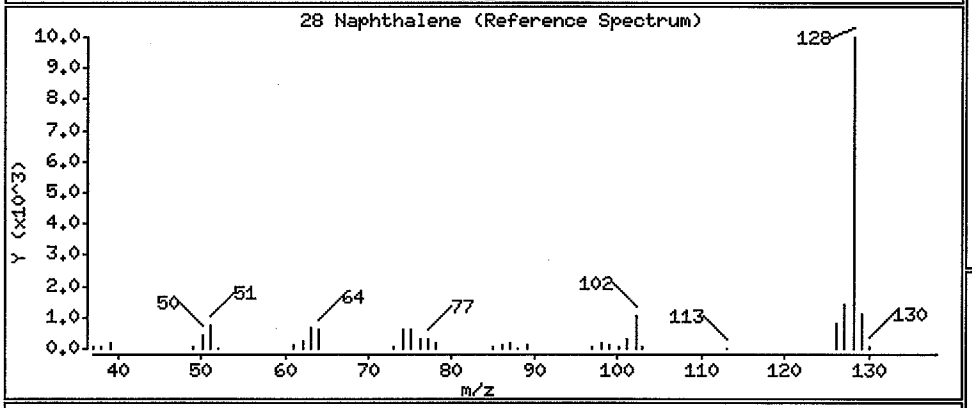
Concentration: 11.74 ug/Kg

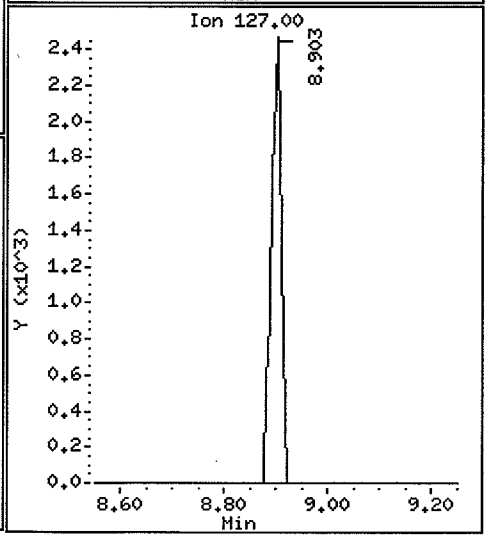


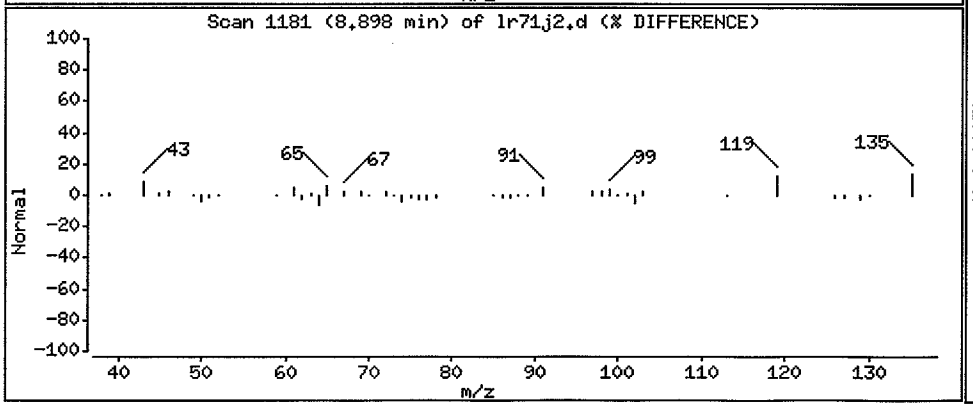












Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

Operator: VTS

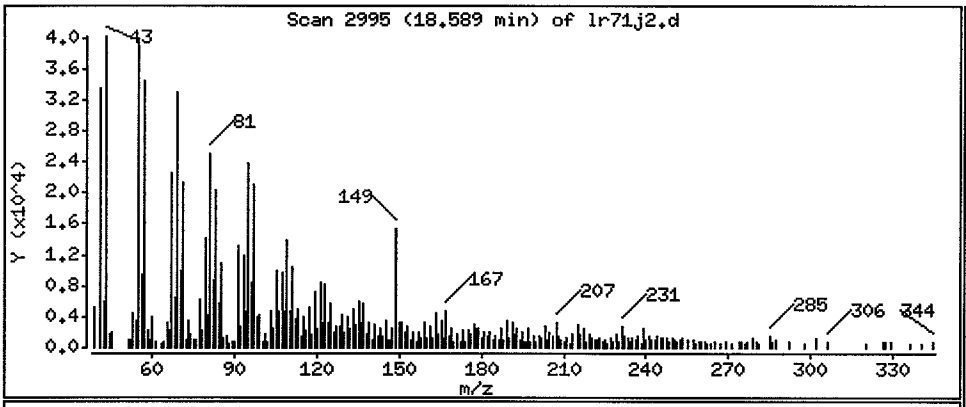
Column phase: ZB-5

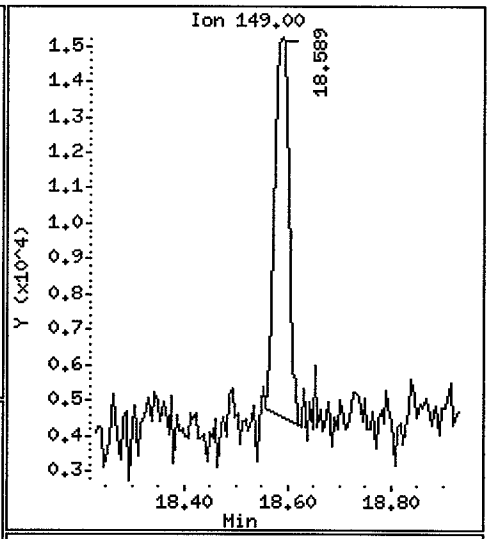
Column diameter: 0.32

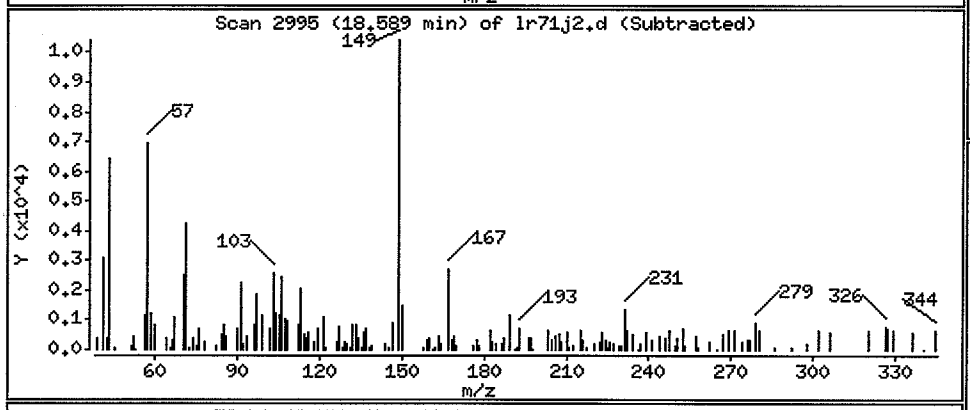
72 bis(2-Ethylhexyl)phthalate

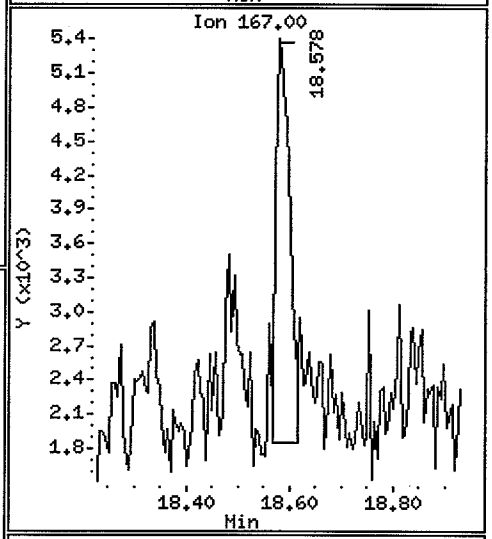
Concentration: 18.56 ug/Kg

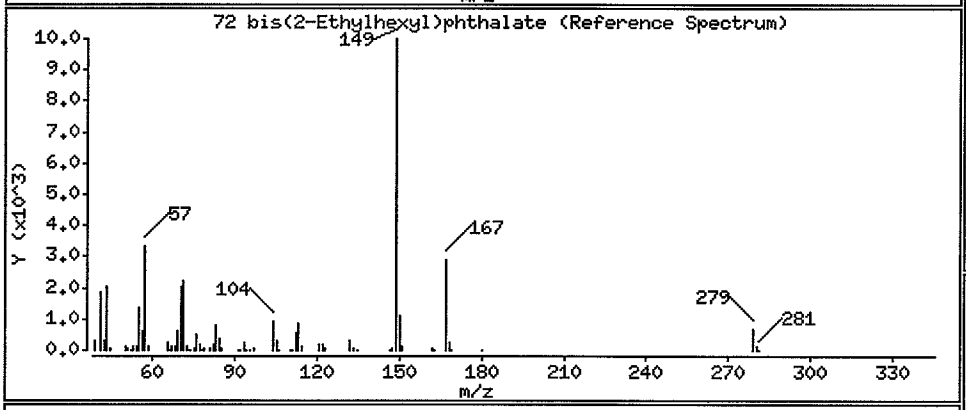
B

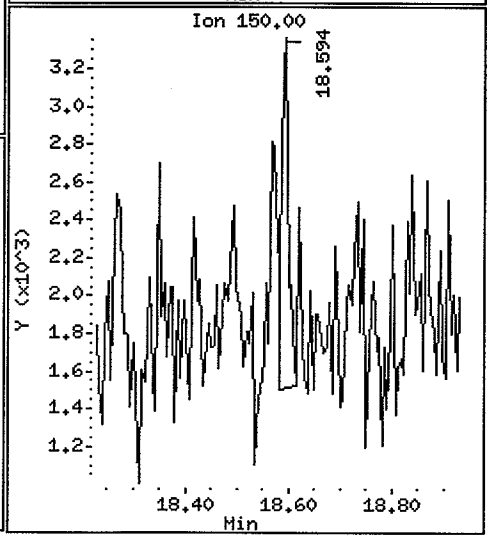


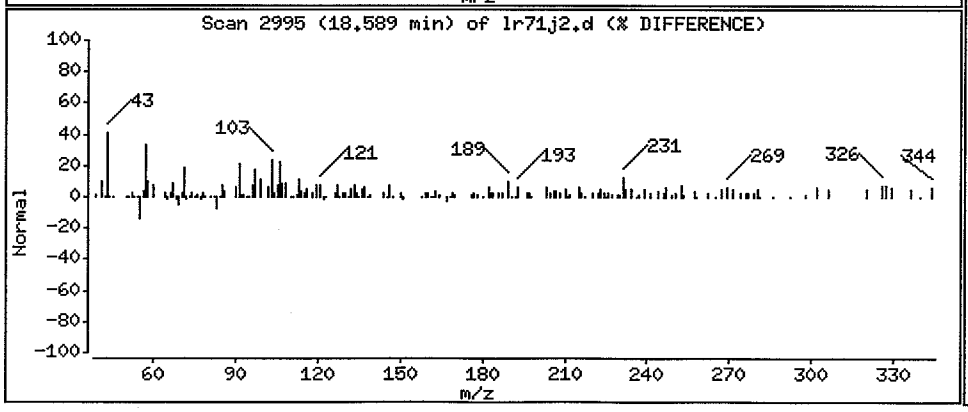












Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

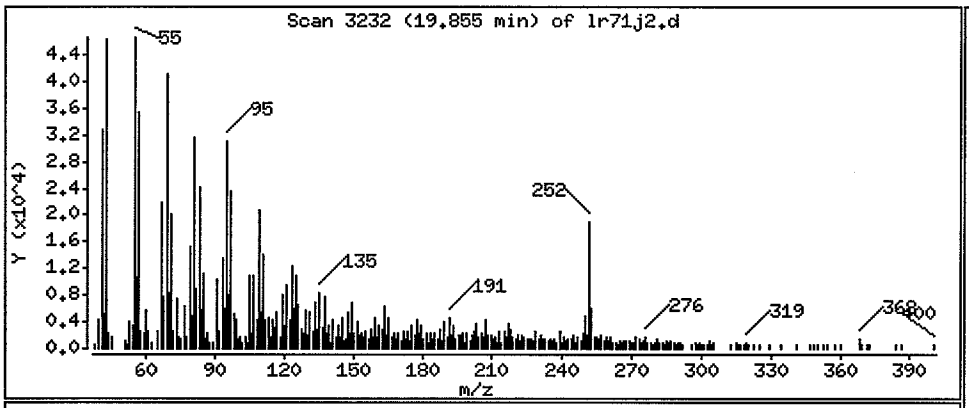
Operator: VTS

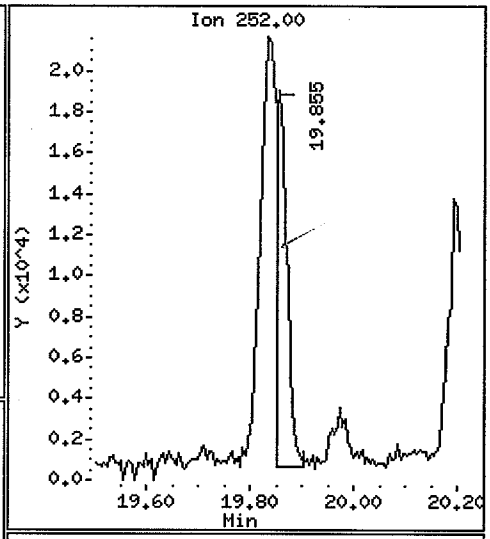
Column phase: ZB-5

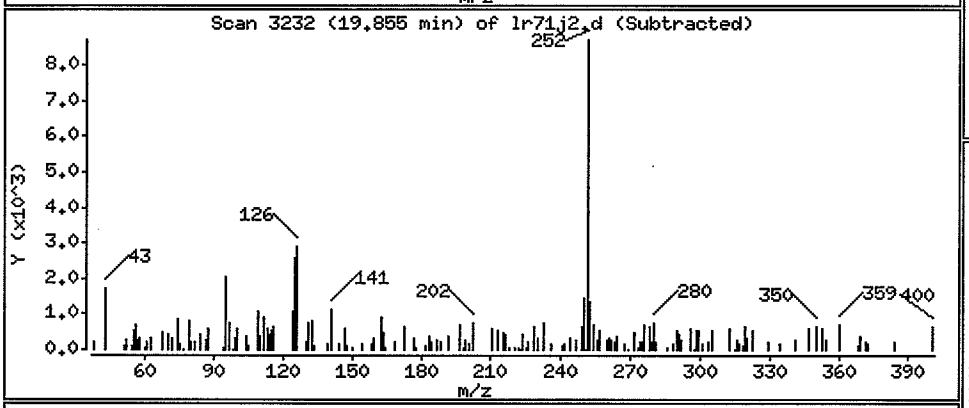
Column diameter: 0.32

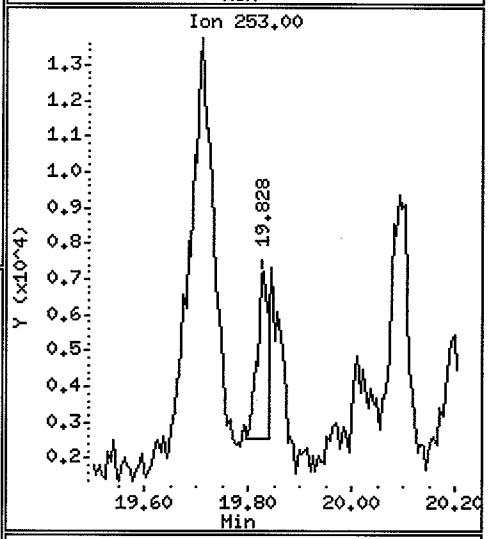
75 Benzo(k)fluoranthene

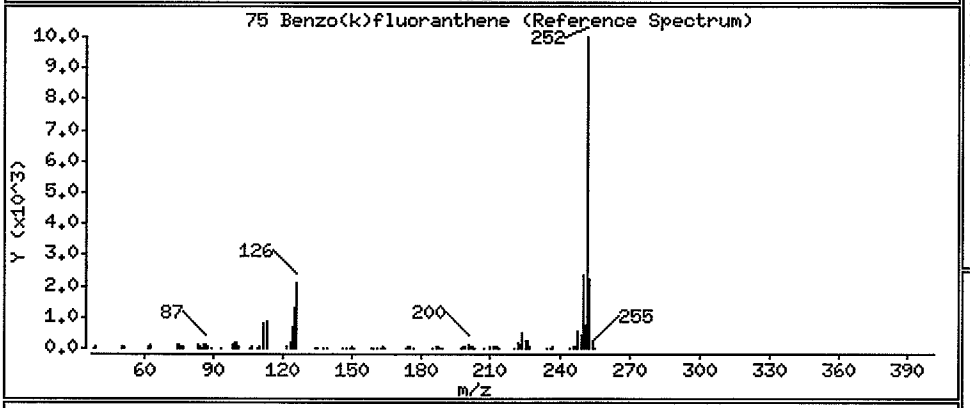
Concentration: 13.11 ug/Kg

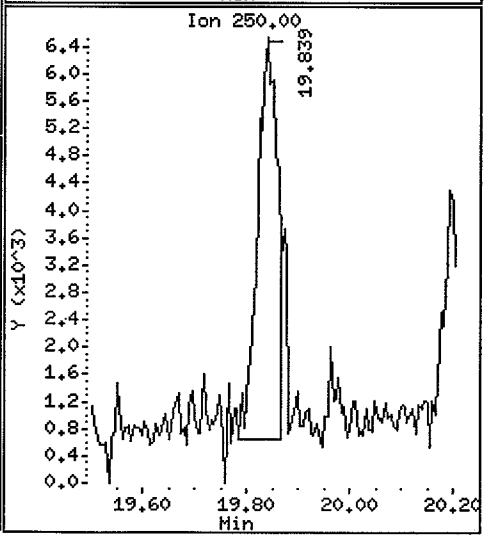


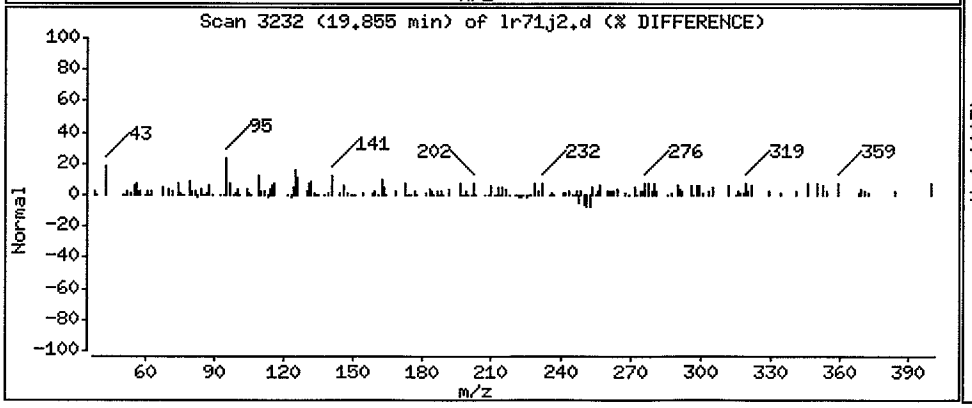












Data File: /chem3/nt4.i/20071101.b/lr71j2.d

Date : 01-NOV-2007 21:52

Client ID:

Instrument: nt4.i

Sample Info: LR71JRE

Volume Injected (uL): 1.0

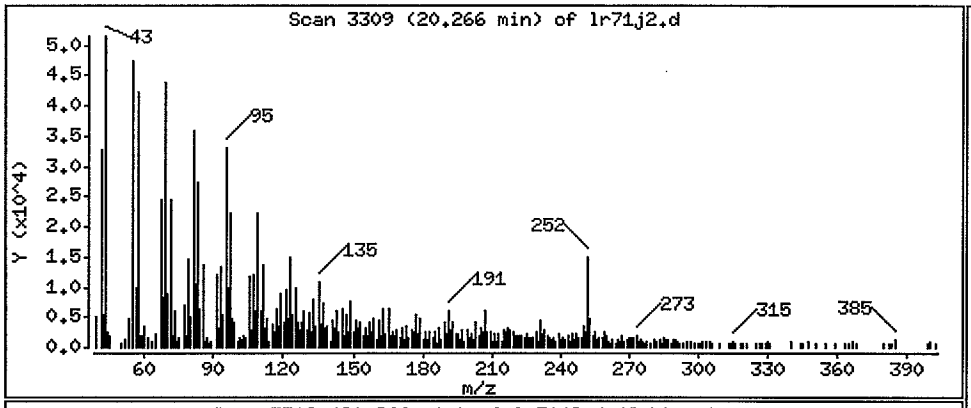
Operator: VTS

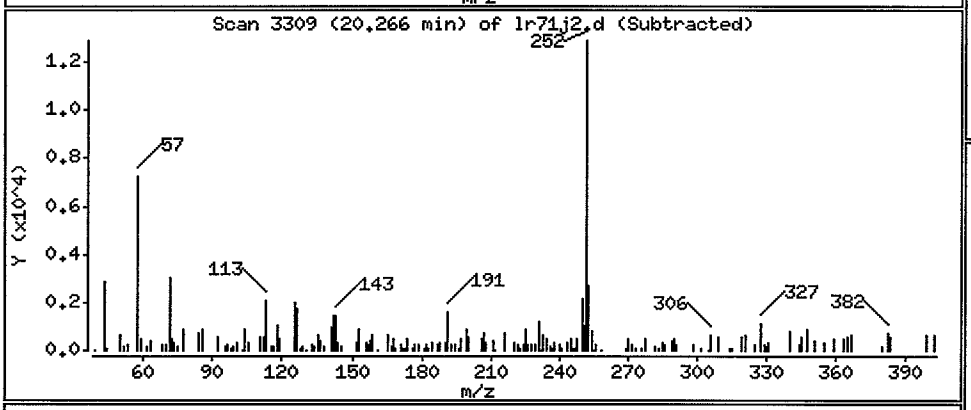
Column phase: ZB-5

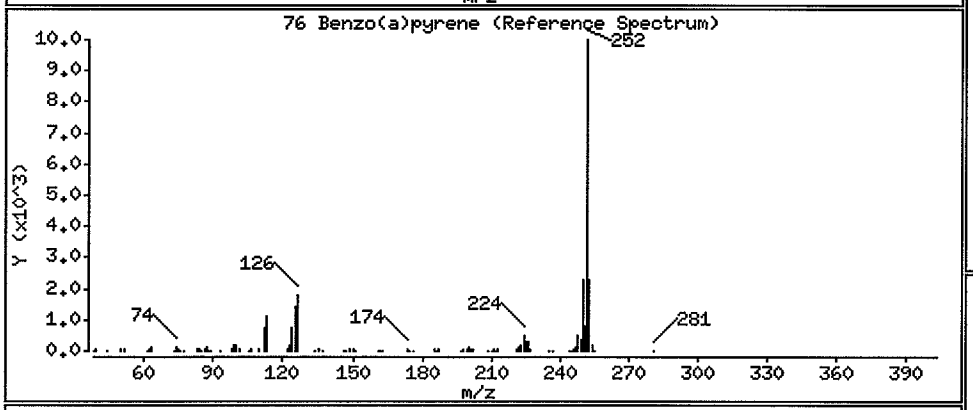
Column diameter: 0.32

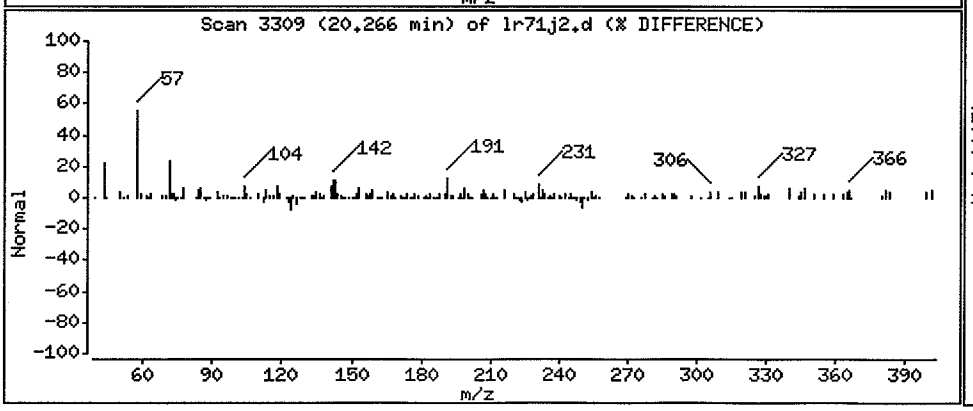
76 Benzo(a)pyrene

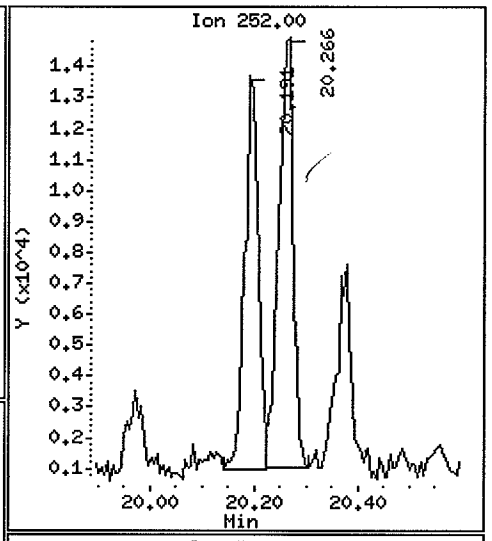
Concentration: 16.05 ug/Kg

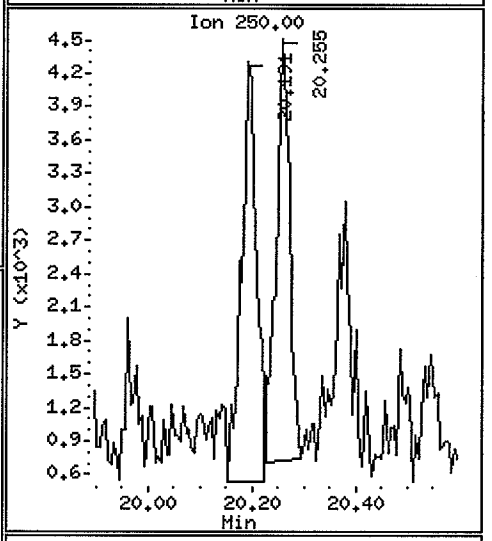


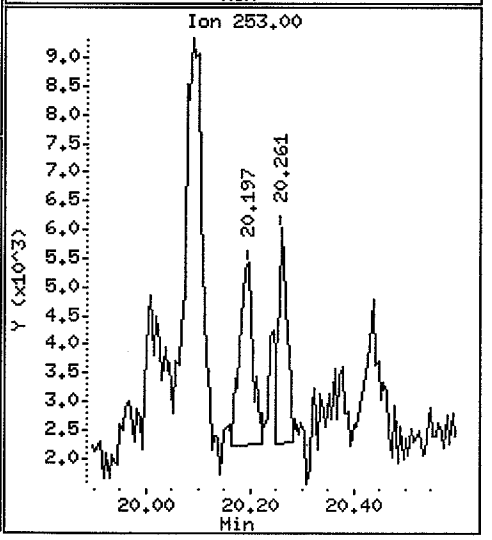












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-08
SAMPLE

Lab Sample ID: LR71K
LIMS ID: 07-20776
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 20:51
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.6 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 41.2%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**59**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**65**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**42**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**47**
83-32-9	**Acenaphthene**	**20**	**37**
132-64-9	**Dibenzofuran**	**20**	**51**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**85**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**740**
120-12-7	**Anthracene**	**20**	**100**
84-74-2	**Di-n-Butylphthalate**	**20**	**30**
206-44-0	**Fluoranthene**	**20**	**1,100**
129-00-0	**Pyrene**	**20**	**780**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**300**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**440**
218-01-9	**Chrysene**	**20**	**380**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**260**
207-08-9	**Benzo(k)fluoranthene**	**20**	**420**
50-32-8	**Benzo(a)pyrene**	**20**	**330**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**76**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**26**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**49**

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-08**
 SAMPLE

Lab Sample ID: LR71K QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20776 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 10/18/07 20:51

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	35

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	55.2%	2-Fluorobiphenyl	53.6%
d14-p-Terphenyl	71.2%	d4-1,2-Dichlorobenzene	46.4%
d5-Phenol	56.3%	2-Fluorophenol	67.7%
2,4,6-Tribromophenol	72.5%	d4-2-Chlorophenol	57.3%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71k.d
Lab Smp Id: LR71K Client Smp ID: AN-SS-08
Inj Date : 18-OCT-2007 20:51
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71K
Misc Info : 07-20776
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJR 10/25/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	86.00000	Weight of sample extracted (g)
M	41.20000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$ 1	2-Fluorophenol	112	5.976	5.917	(0.755)	363340	25.3721	501.7
$ 2	Phenol-d5	99	7.509	7.488	(0.949)	386157	21.1090	417.4
3	Phenol	94	7.530	7.504	(0.951)	14089	0.62144 LOL	12.29
$ 5	2-Chlorophenol-d4	132	7.616	7.600	(0.962)	262252	21.5243	425.7
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	7.915	7.904	(1.000)	194329	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	8.214	8.204	(1.038)	106295	11.6339	230.1
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	Compound Not Detected.					
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.689	8.674	(1.098)	40550	2.97140	58.76
$	18 Nitrobenzene-d5	82	8.850	8.845	(0.887)	267555	13.7598	272.1
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.971	9.961	(1.000)	605202	20.0000	
	28 Naphthalene	128	10.004	9.999	(1.003)	122201	3.27571	64.78
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	11.131	11.126	(1.116)	39735	2.11983	41.92
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.788	11.777	(0.917)	400583	13.4419	265.8
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	12.594	12.584	(0.980)	93173	2.37394	46.95
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.856	12.841	(1.000)	382755	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	12.904	12.894	(1.004)	46381	1.87237	37.03
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	13.166	13.156	(1.024)	89816	2.58804	51.18
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	13.722	13.711	(1.067)	118011	4.30520	85.14
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.154	14.139	(1.101)	101154	27.2393	538.7
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.239	15.223	(1.000)	698411	20.0000	
	60 Phenanthrene	178	15.282	15.261	(1.003)	1668610	37.2370	736.4
	61 Anthracene	178	15.346	15.335	(1.007)	227154	5.06264	100.1
	62 Carbazole	167	15.639	15.624	(1.026)	104901	2.62835	51.98

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)	
63	Di-n-butylphthalate	149	16.371	16.350	(1.074)	69242	1.48789	29.42	
64	Fluoranthene	202	17.242	17.205	(1.131)	2763886	53.9357	1067	
65	Pyrene	202	17.600	17.563	(0.898)	2568651	39.7146	785.4	
$ 66	Terphenyl-d14	244	17.915	17.884	(0.914)	720919	17.8077	352.2	
67	Butylbenzylphthalate	149	Compound Not Detected.						
68	Benzo(a)anthracene	228	19.577	19.529	(0.999)	1058194	14.9973	296.6	
* 69	Chrysene-d12	240	19.603	19.556	(1.000)	900542	20.0000		(M)
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.						
71	Chrysene	228	19.641	19.598	(1.002)	1219640	19.2349	380.4	
72	bis(2-Ethylhexyl)phthalate	149	19.828	19.785	(0.955)	846666	22.3954	442.9	
* 134	Di-n-octylphthalate-d4	153	20.752	20.720	(1.000)	1250276	20.0000		
73	Di-n-octylphthalate	149	Compound Not Detected.						
74	Benzo(b)fluoranthene	252	21.238	21.190	(0.976)	491823	13.3770	264.5	
75	Benzo(k)fluoranthene	252	21.259	21.228	(0.977)	831787	21.3866	422.9	(M)
76	Benzo(a)pyrene	252	21.687	21.639	(0.996)	565551	16.7567	331.4	
* 77	Perylene-d12	264	21.767	21.719	(1.000)	511997	20.0000		
78	Indeno(1,2,3-cd)pyrene	276	23.252	23.215	(1.068)	153844	3.84349	76.01	
79	Dibenzo(a,h)anthracene	278	23.273	23.236	(1.069)	43339	1.28872	25.48	
80	Benzo(g,h,i)perylene	276	23.669	23.616	(1.087)	98306	2.45598	48.57	
90	N-Nitrosodimethylamine	74	Compound Not Detected.						
91	Aniline	93	Compound Not Detected.						
93	Benzidine	184	17.520	17.461	(0.894)	37261	1.23252	24.37	RT
103	Pyridine	79	Compound Not Detected.						
105	1-methylnaphthalene	141	11.307	11.297	(1.134)	33044	1.76776	34.96	
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.						

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71k.d
Lab Smp Id: LR71K
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20776

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-08
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	194329	-8.37
27 Naphthalene-d8	656578	328289	1313156	605202	-7.82
42 Acenaphthene-d10	353705	176852	707410	382755	8.21
59 Phenanthrene-d10	526440	263220	1052880	698411	32.67
69 Chrysene-d12	581923	290962	1163846	900542	54.75
134 Di-n-octylphthala	979097	489548	1958194	1250276	27.70
77 Perylene-d12	686531	343266	1373062	511997	-25.42

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.13
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.10
42 Acenaphthene-d10	12.84	12.34	13.34	12.86	0.12
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.10
69 Chrysene-d12	19.56	19.06	20.06	19.60	0.24
134 Di-n-octylphthala	20.72	20.22	21.22	20.75	0.15
77 Perylene-d12	21.72	21.22	22.22	21.77	0.22

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

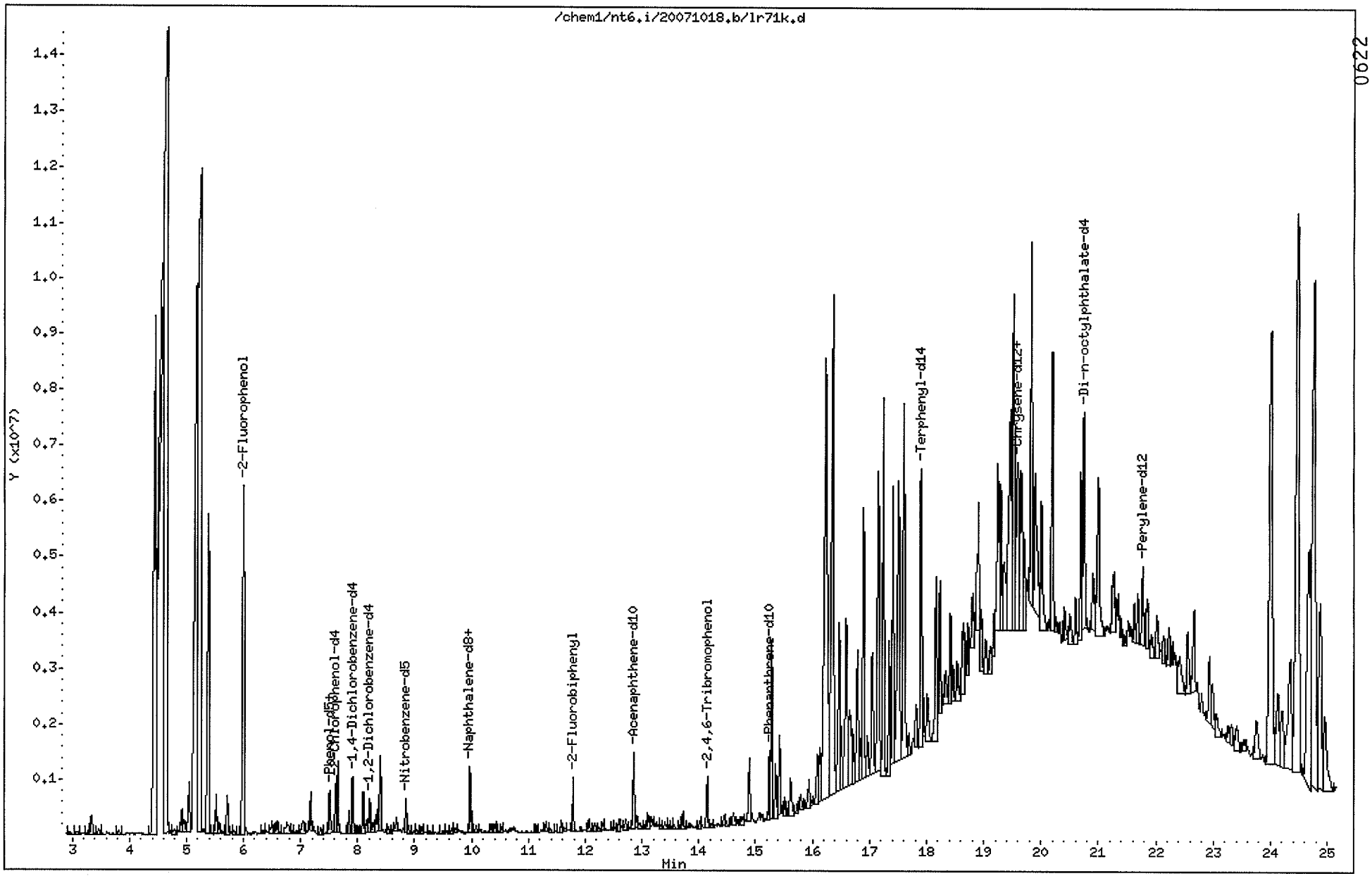
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71K
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20776

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-08
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	741.6	501.7	67.66	11-84
$ 2 Phenol-d5	741.6	417.4	56.29	25-86
$ 5 2-Chlorophenol-d4	741.6	425.7	57.40	23-91
$ 10 1,2-Dichlorobenzen	494.4	230.1	46.54	24-90
$ 18 Nitrobenzene-d5	494.4	272.1	55.04	26-88
$ 36 2-Fluorobiphenyl	494.4	265.8	53.77	34-91
$ 55 2,4,6-Tribromophen	741.6	538.7	72.64	25-107
$ 66 Terphenyl-d14	494.4	352.2	71.23	22-100

Data File: /chem1/nt6.i/20071018.b/lr71k.d
Date : 18-OCT-2007 20:51
Client ID: AN-SS-08
Sample Info: LR71K
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

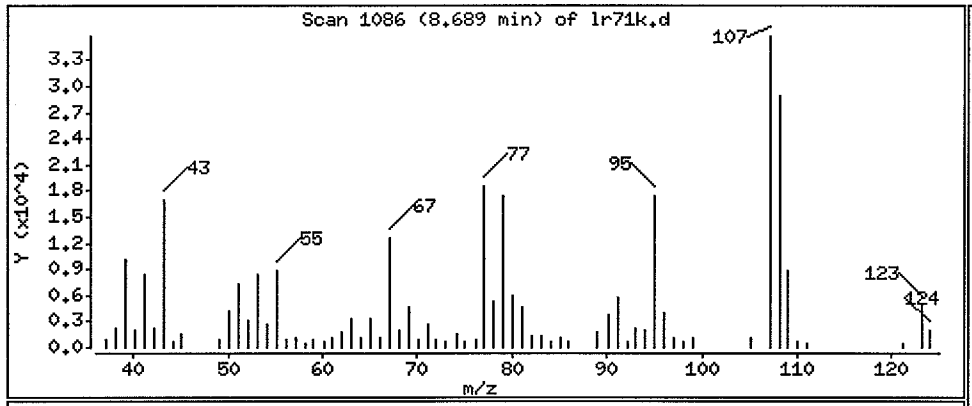
Client ID: AN-SS-08 Instrument: nt6.i

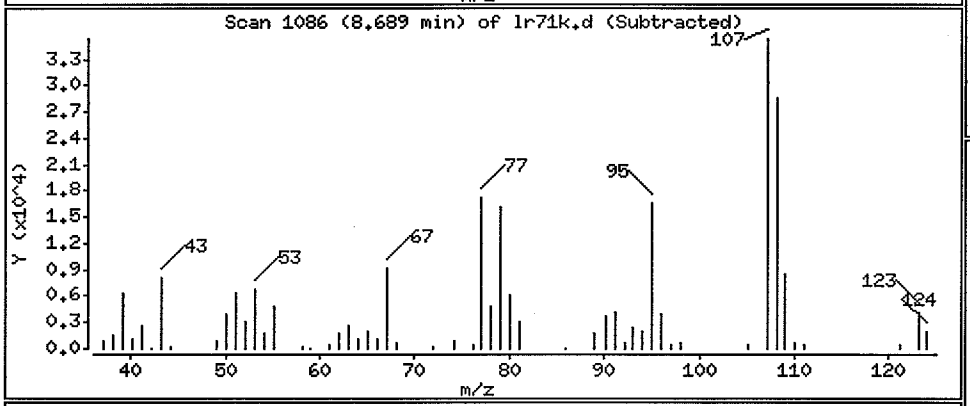
Sample Info: LR71K

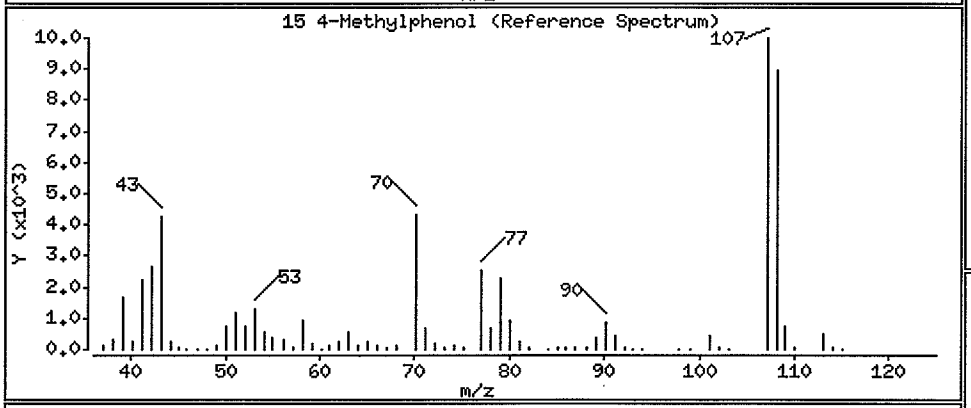
Volume Injected (uL): 1.0 Operator: LJR/VTS

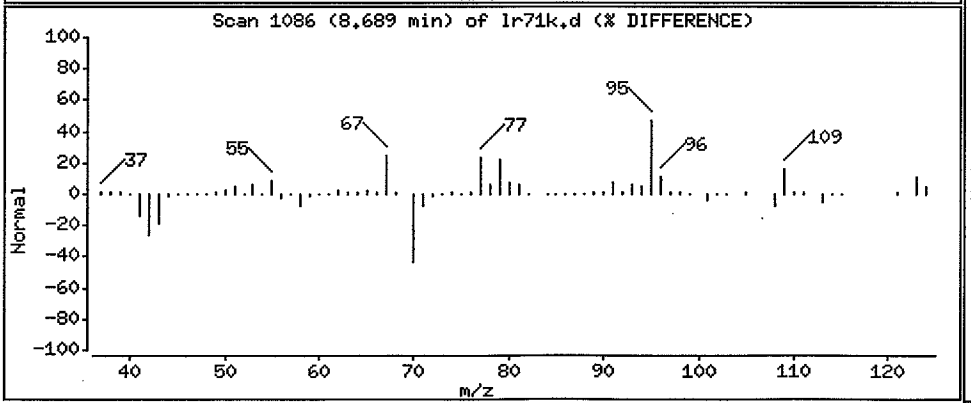
Column phase: ZB-5 Column diameter: 0.32

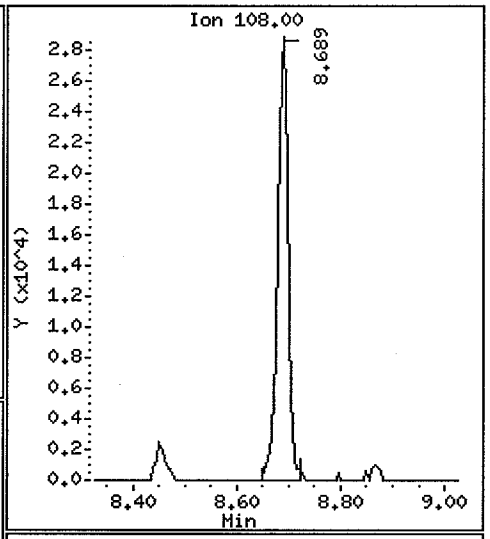
15 4-Methylphenol Concentration: 58.76 ug/kg

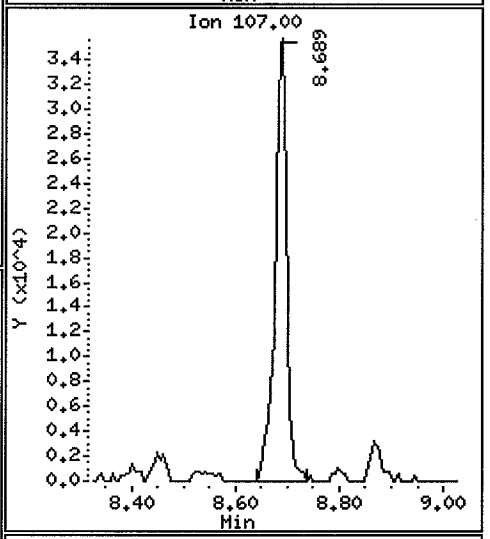


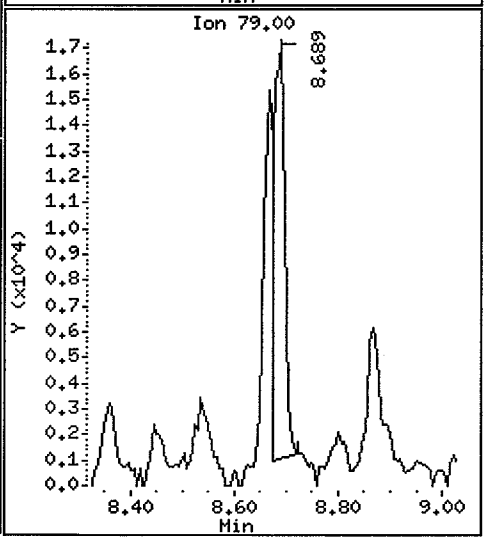












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

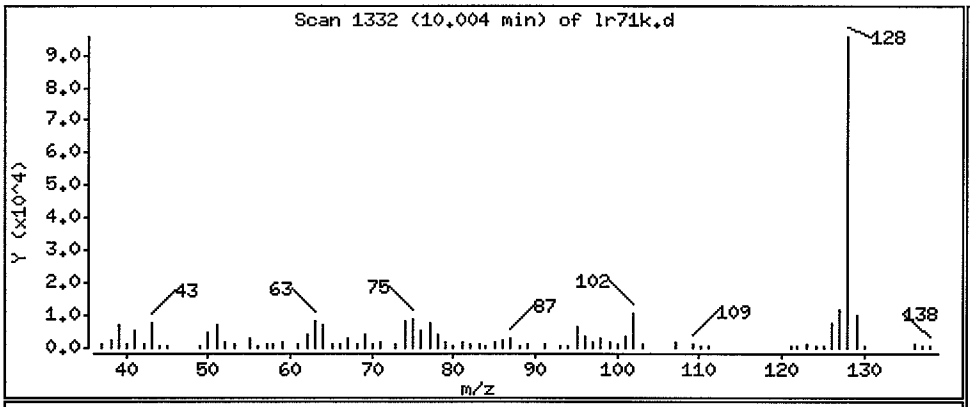
Operator: LJR/VTS

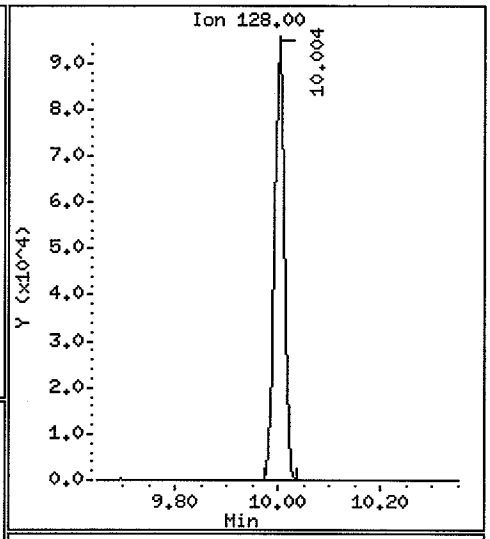
Column phase: ZB-5

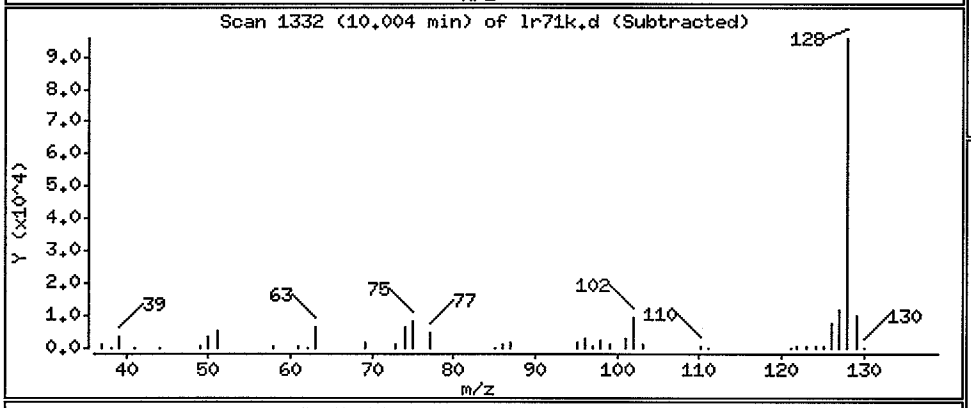
Column diameter: 0.32

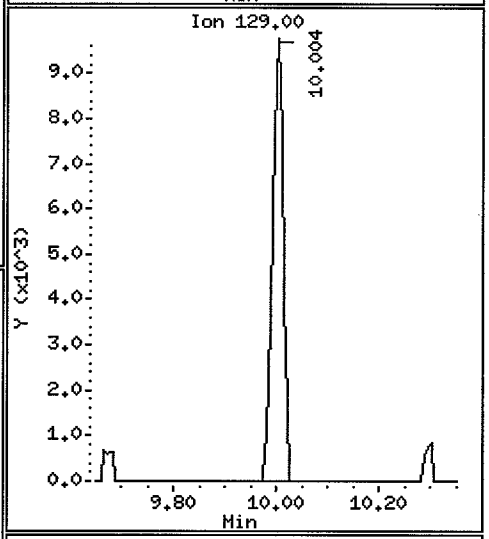
28 Naphthalene

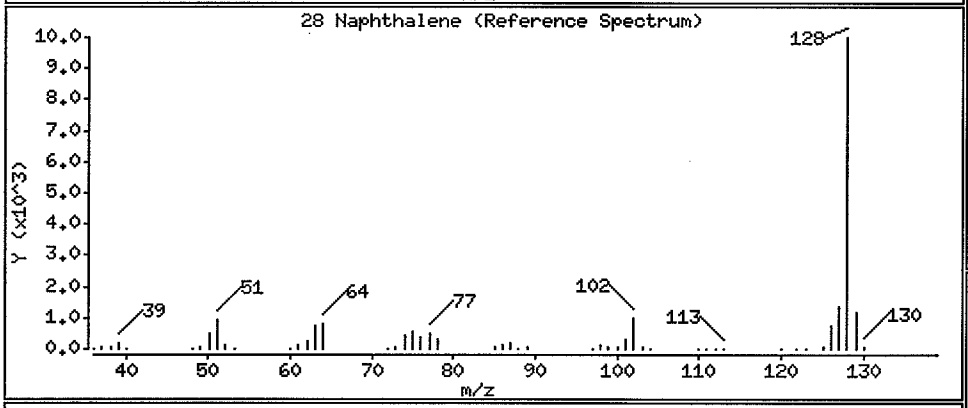
Concentration: 64.78 ug/kg

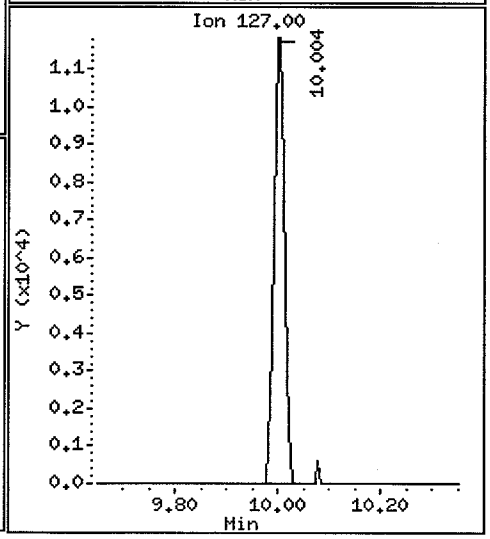


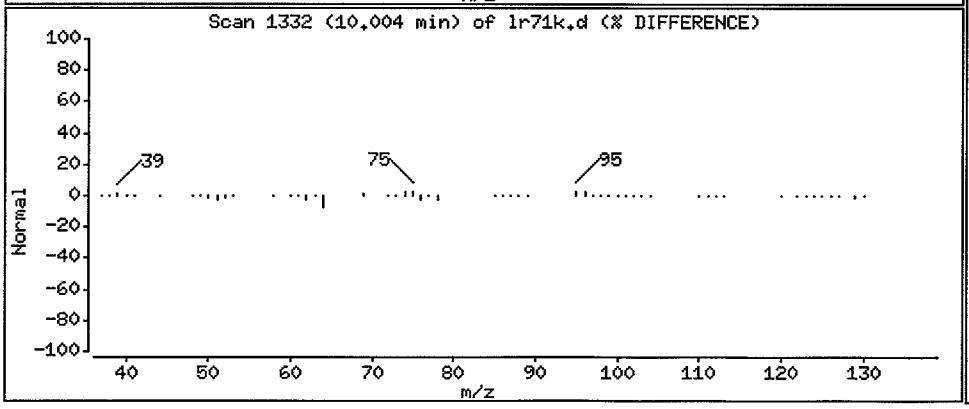












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

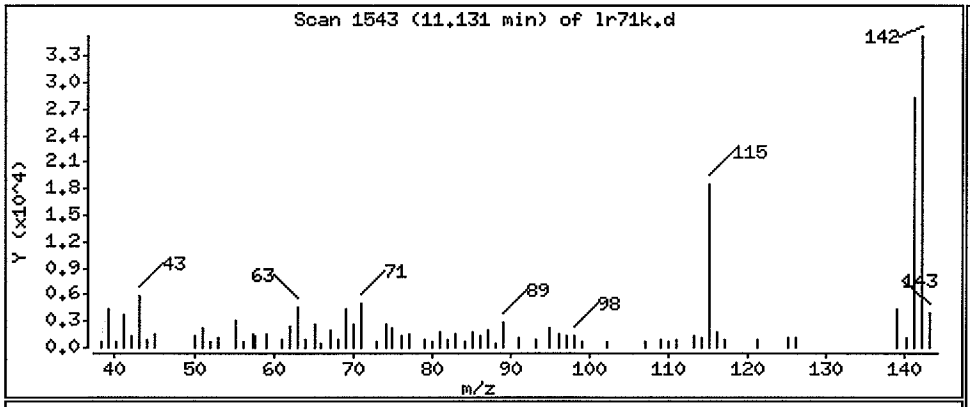
Client ID: AN-SS-08 Instrument: nt6.i

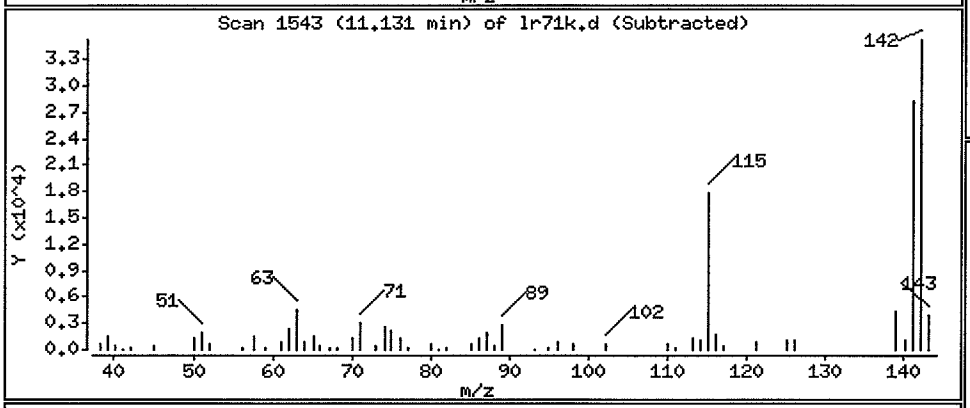
Sample Info: LR71K

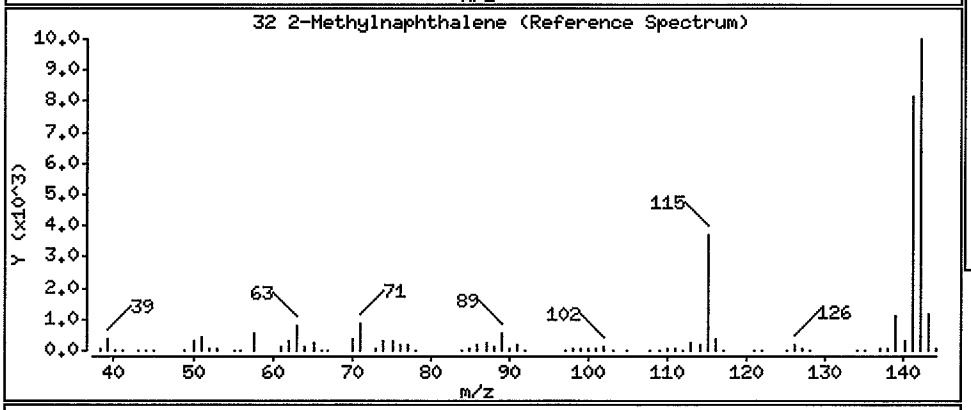
Volume Injected (uL): 1.0 Operator: LJR/VTS

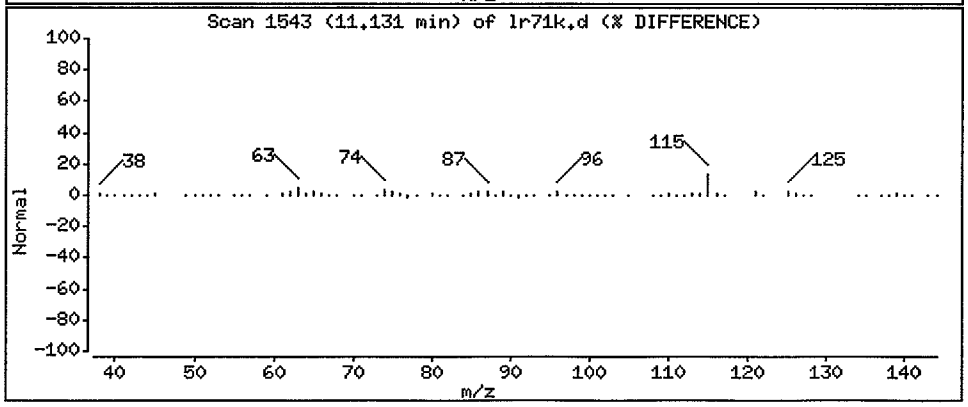
Column phase: ZB-5 Column diameter: 0.32

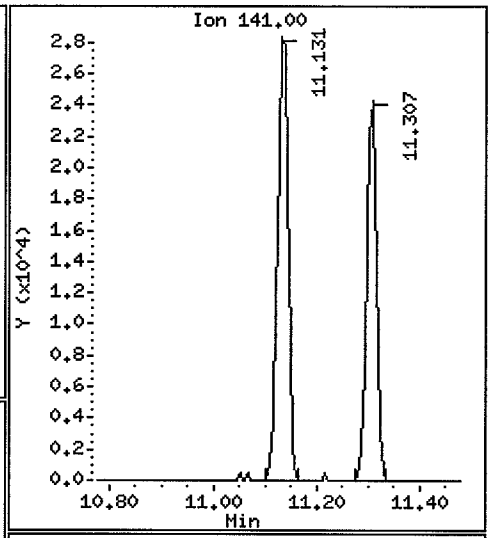
32 2-Methylnaphthalene Concentration: 41.92 ug/kg

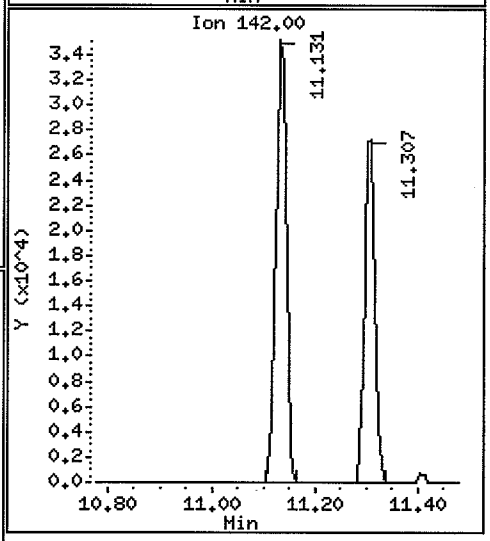












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

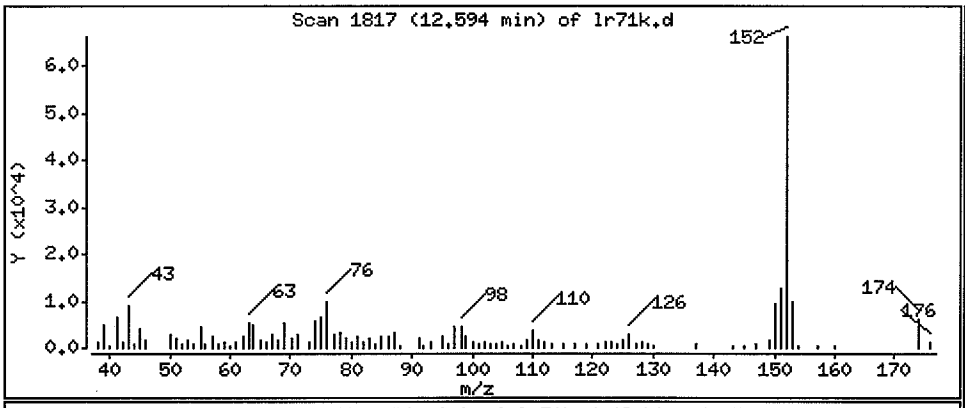
Operator: LJR/VTS

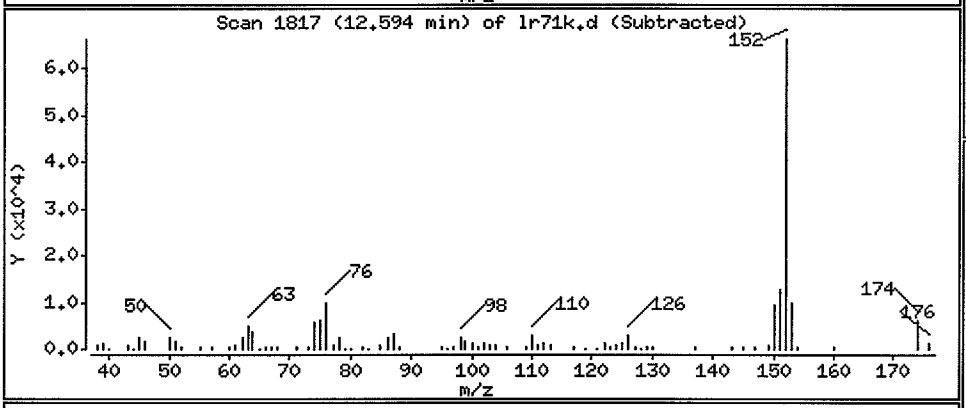
Column phase: ZB-5

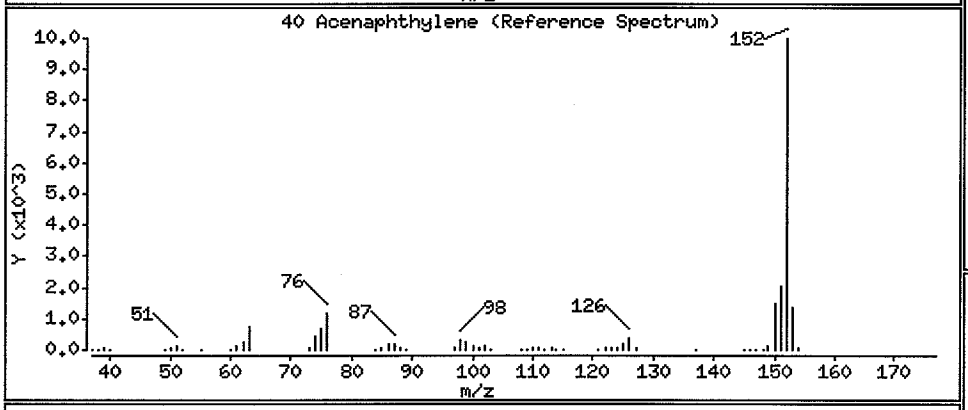
Column diameter: 0.32

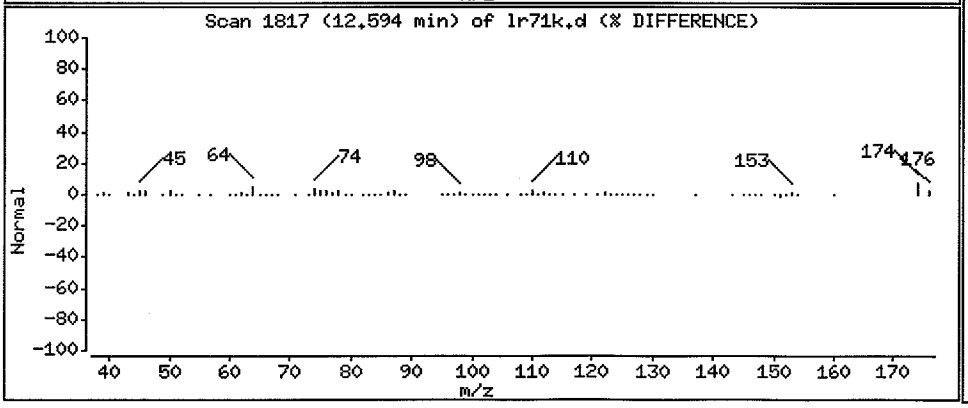
40 Acenaphthylene

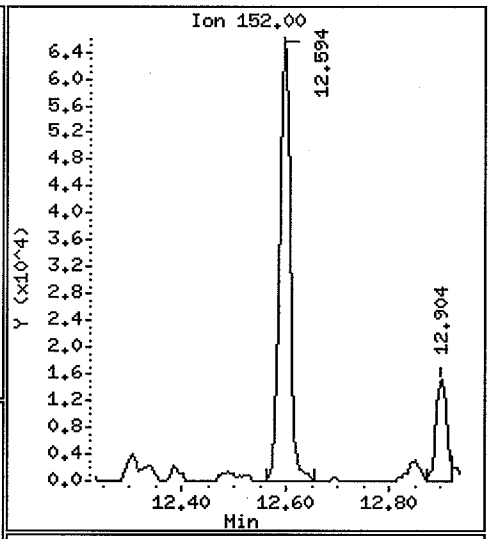
Concentration: 46.95 ug/kg

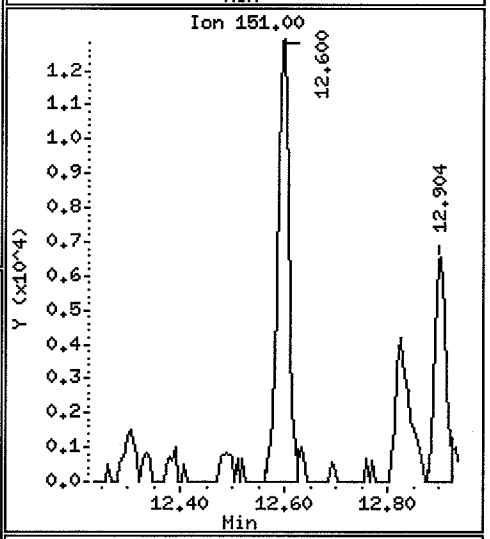


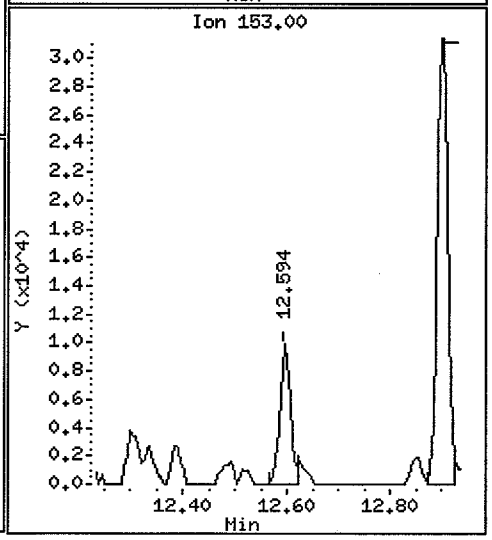












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

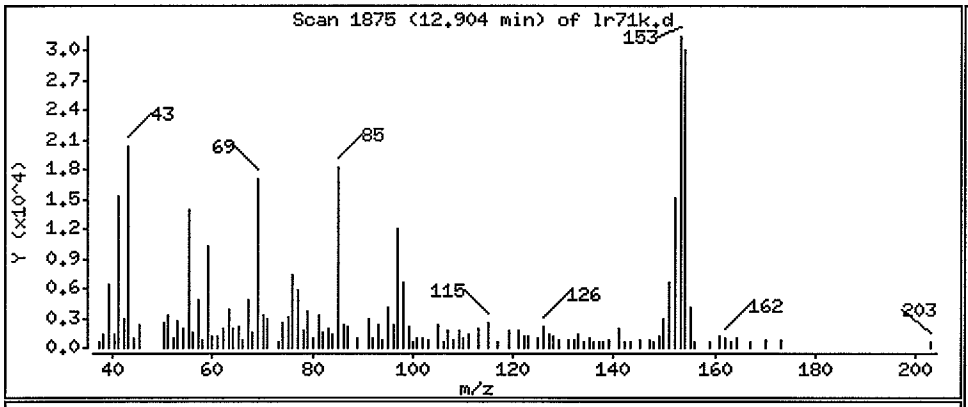
Operator: LJR/VTS

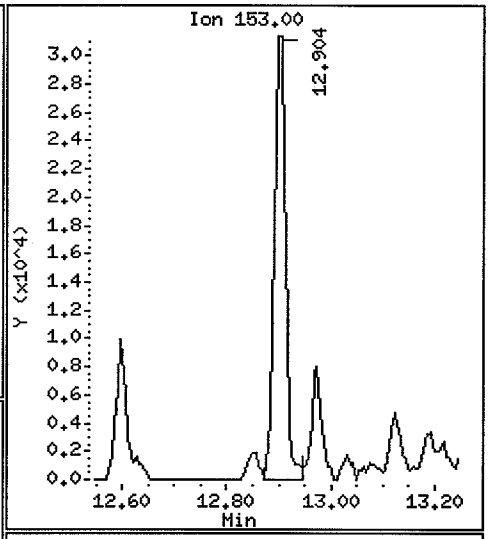
Column phase: ZB-5

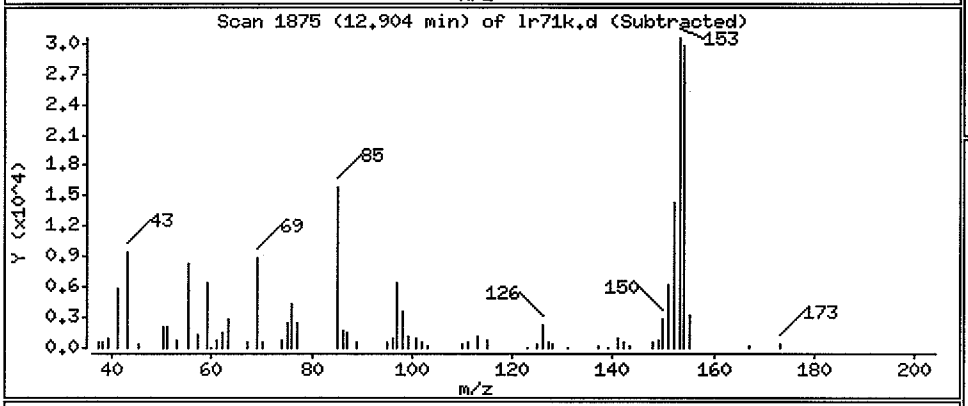
Column diameter: 0.32

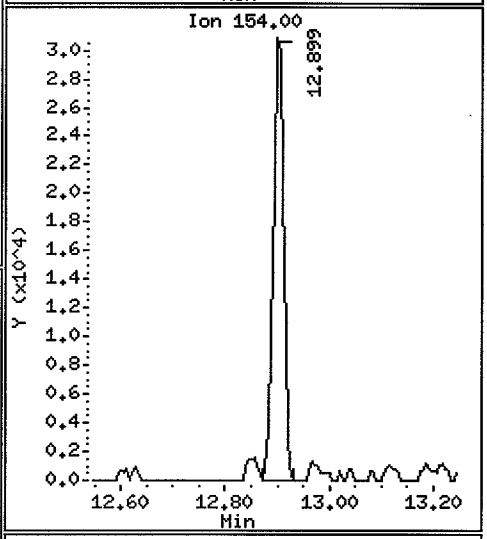
44 Acenaphthene

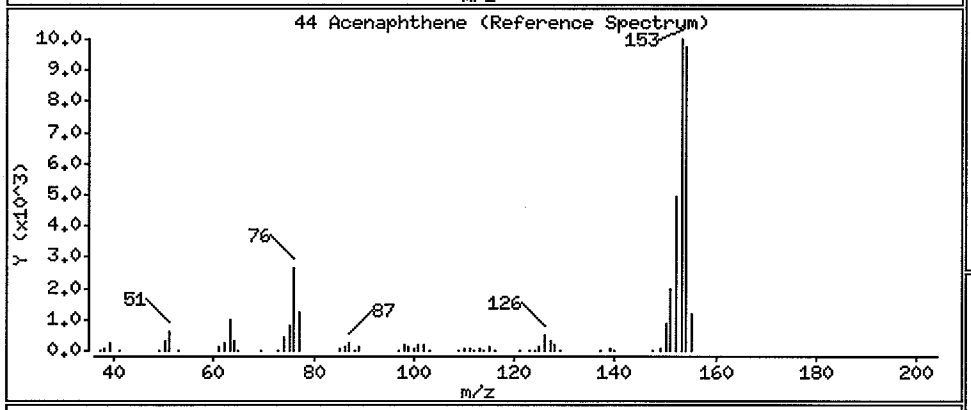
Concentration: 37.03 ug/kg

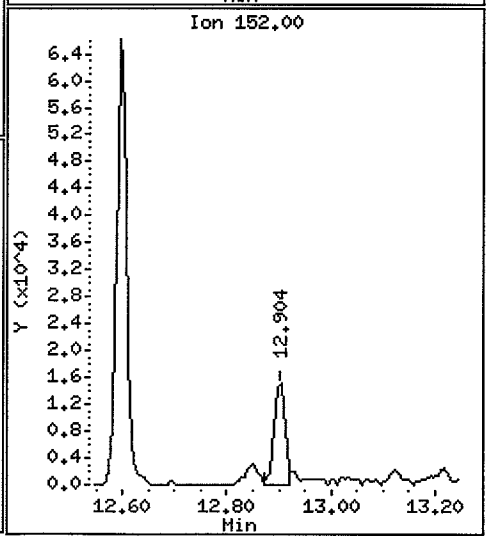


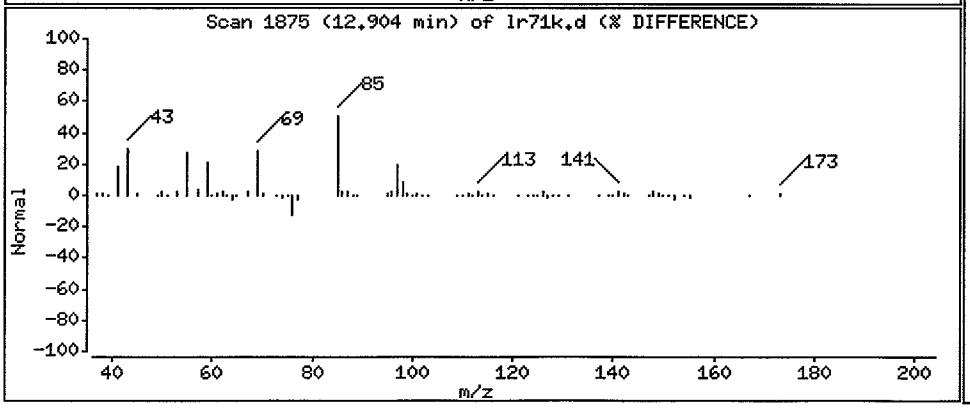












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

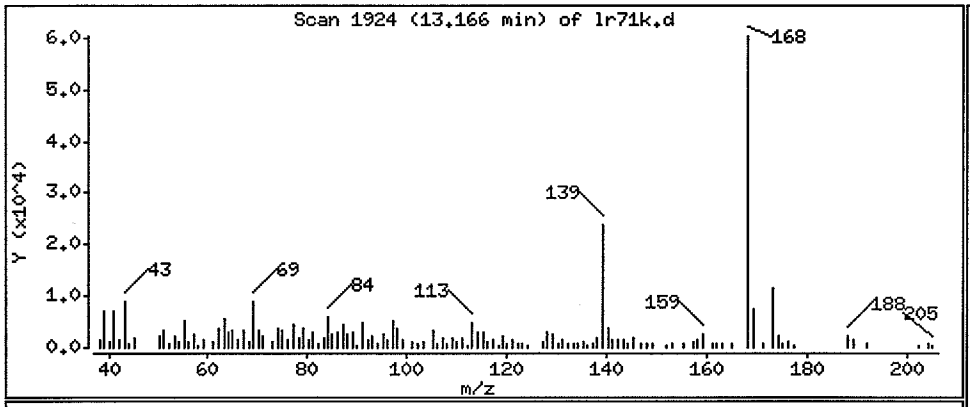
Client ID: AN-SS-08 Instrument: nt6.i

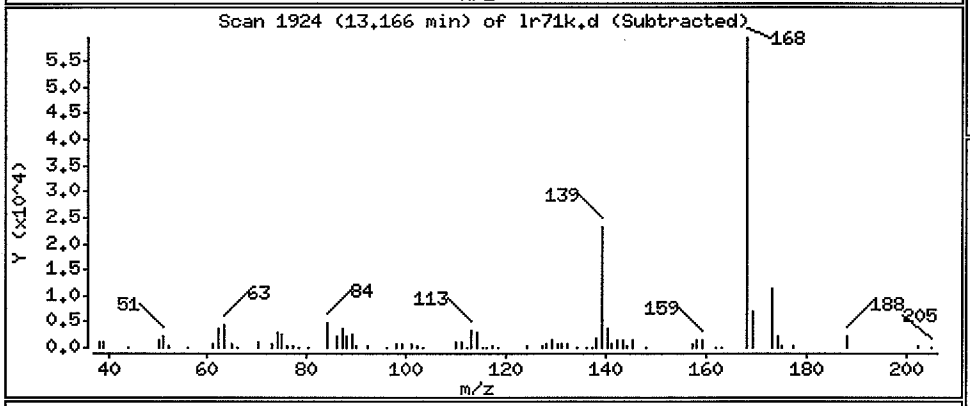
Sample Info: LR71K

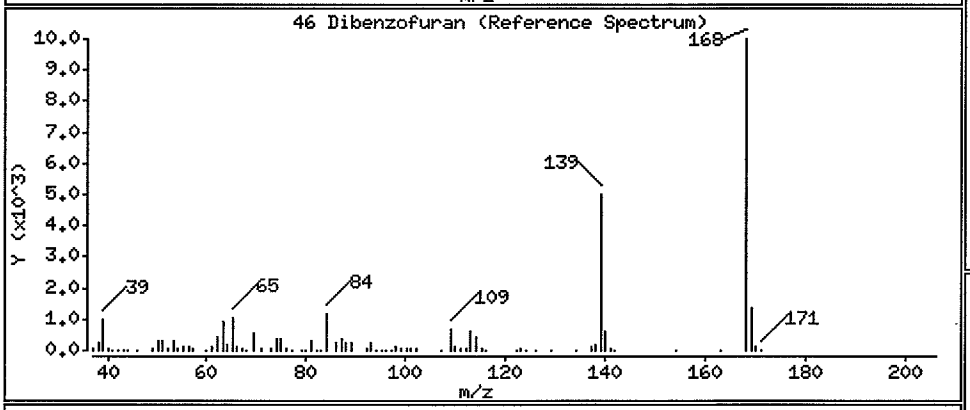
Volume Injected (uL): 1.0 Operator: LJR/VTS

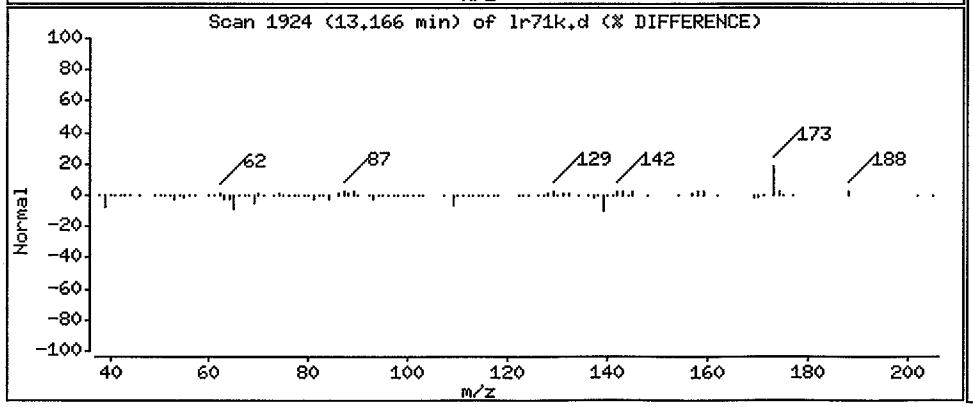
Column phase: ZB-5 Column diameter: 0.32

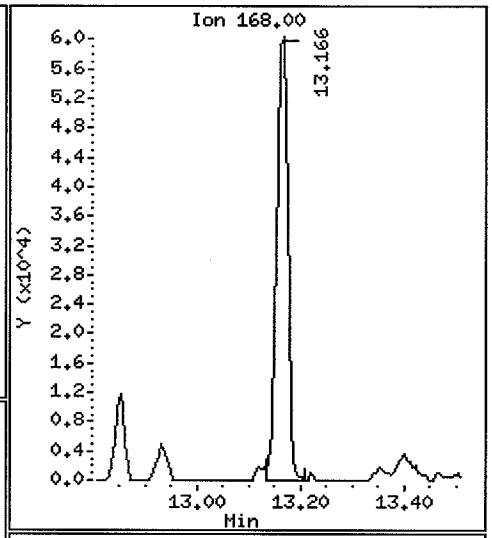
46 Dibenzofuran Concentration: 51.18 ug/kg

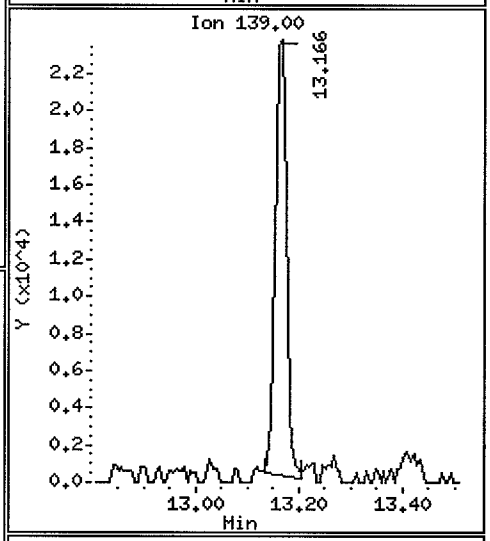


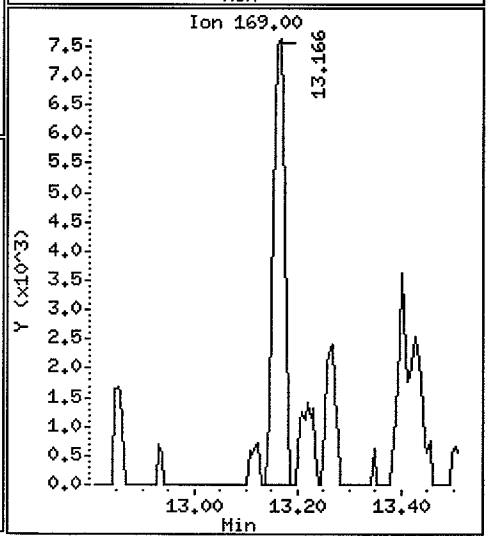












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

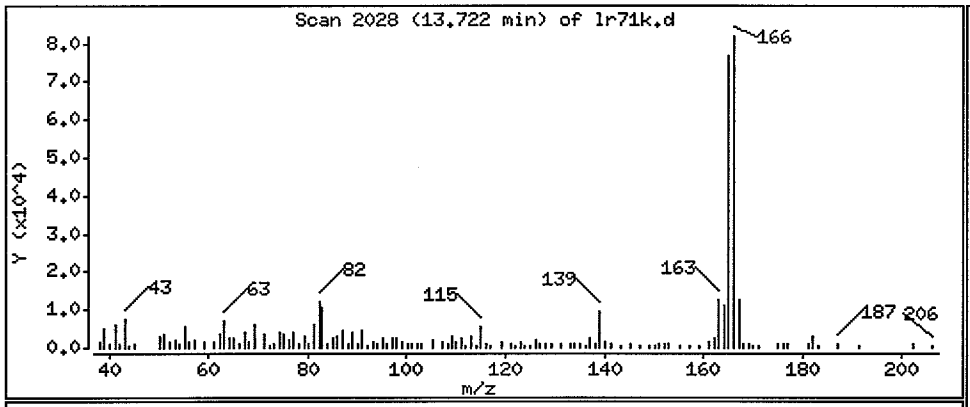
Operator: LJR/VTS

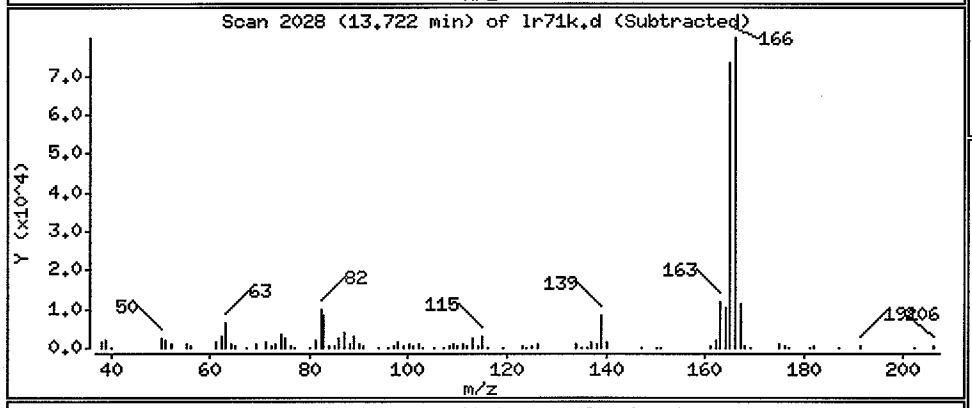
Column phase: ZB-5

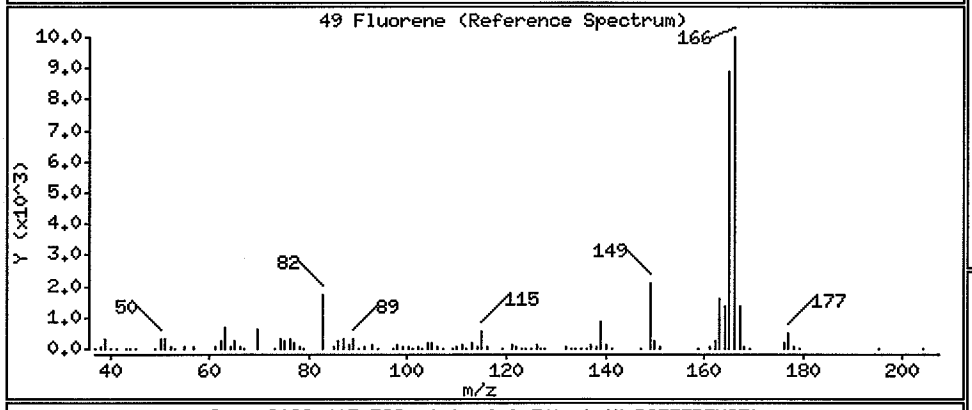
Column diameter: 0.32

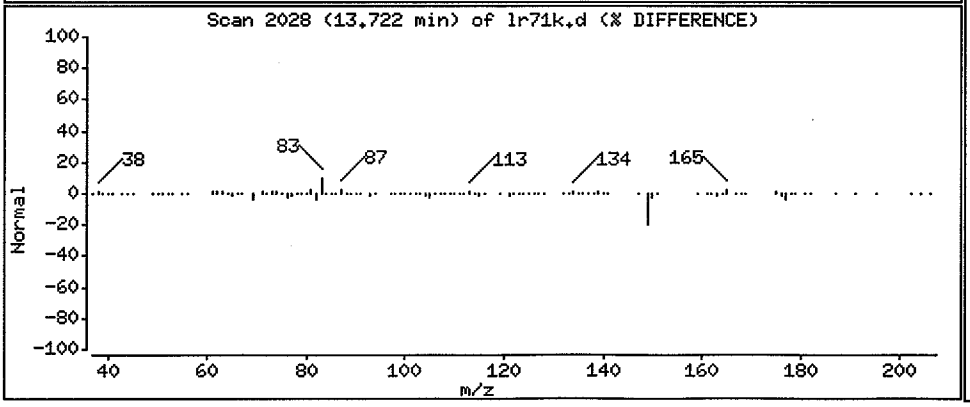
49 Fluorene

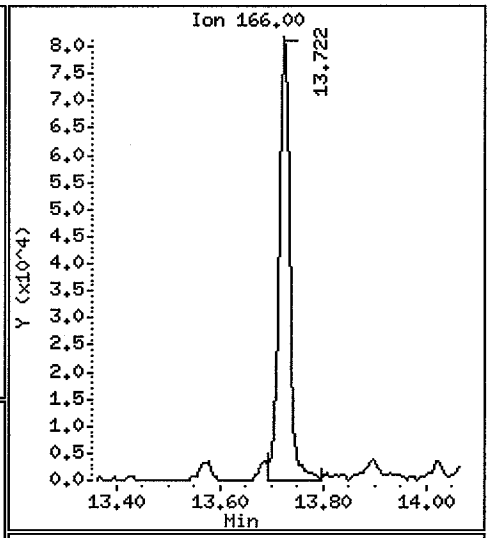
Concentration: 85.14 ug/kg

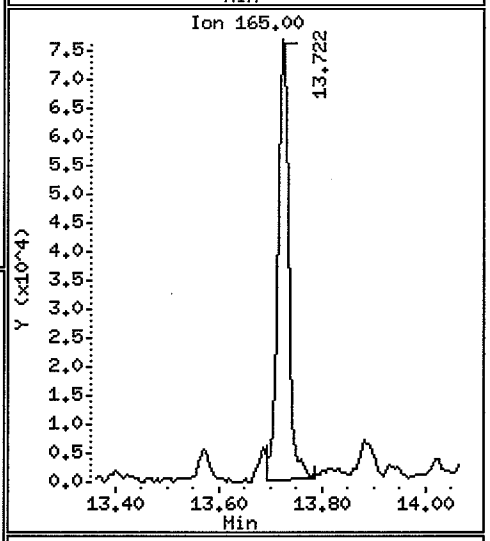


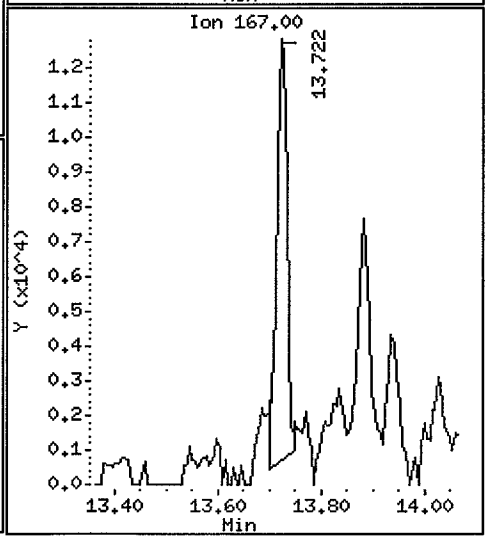












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

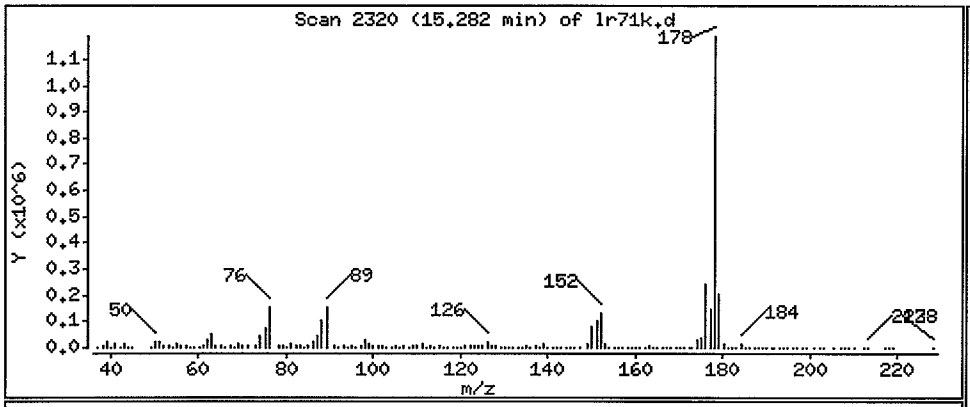
Operator: LJR/VTS

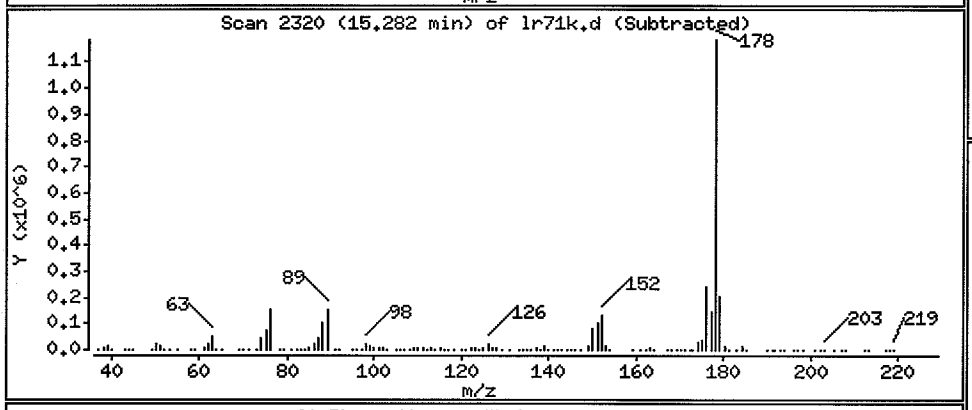
Column phase: ZB-5

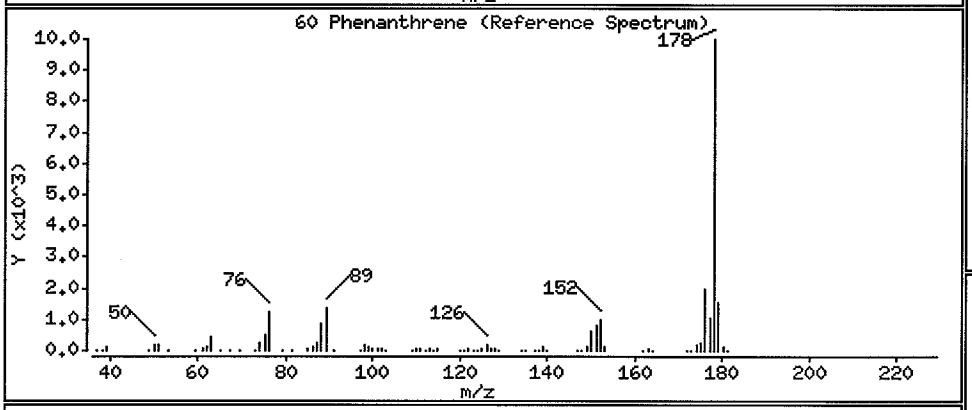
Column diameter: 0.32

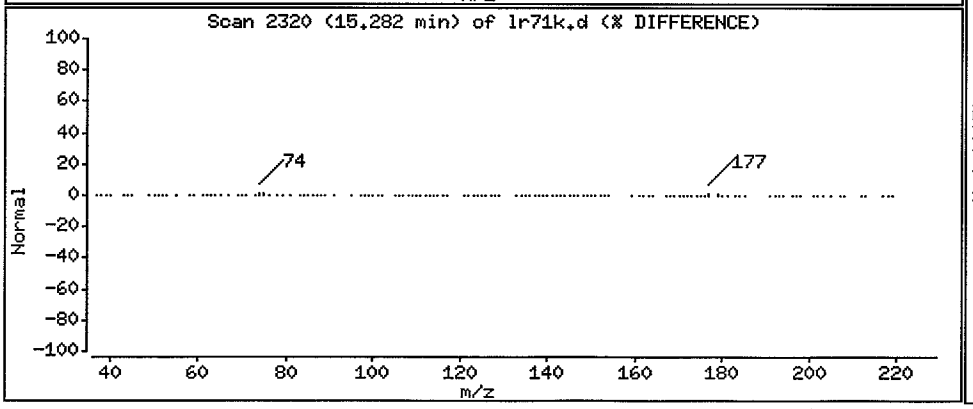
60 Phenanthrene

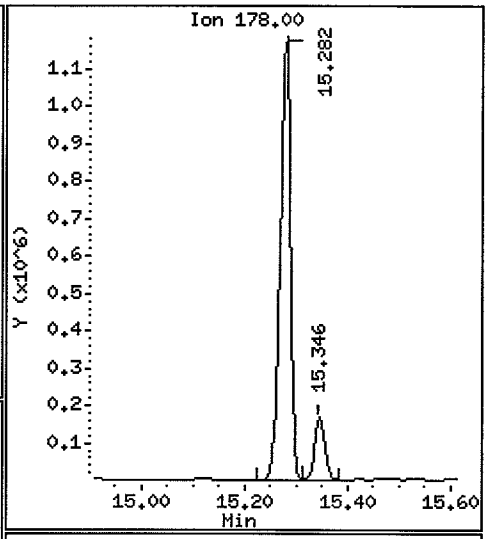
Concentration: 736.4 ug/kg

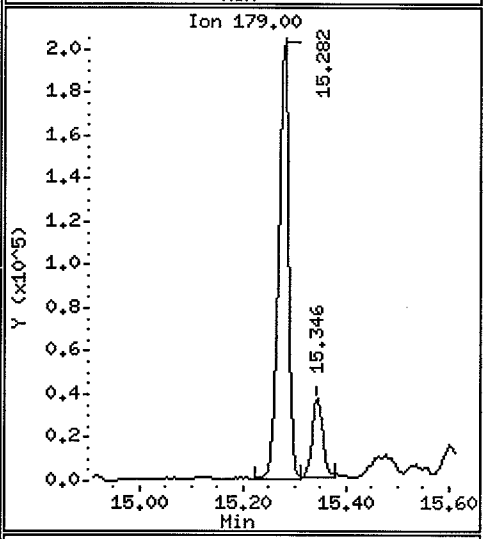


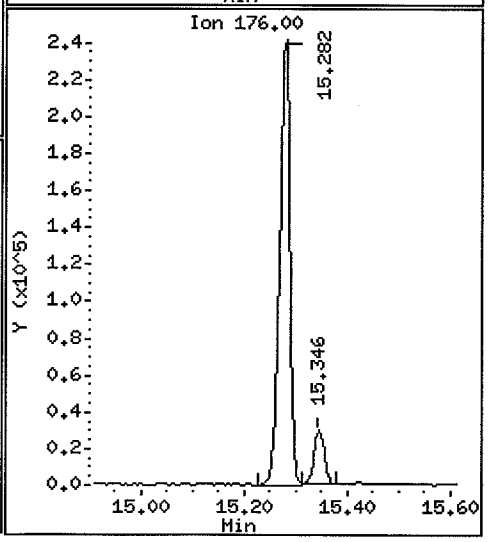












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

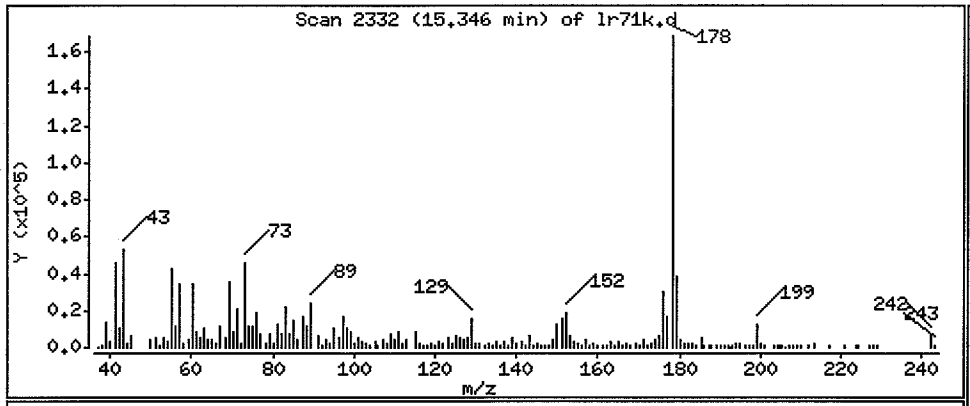
Operator: LJR/VTS

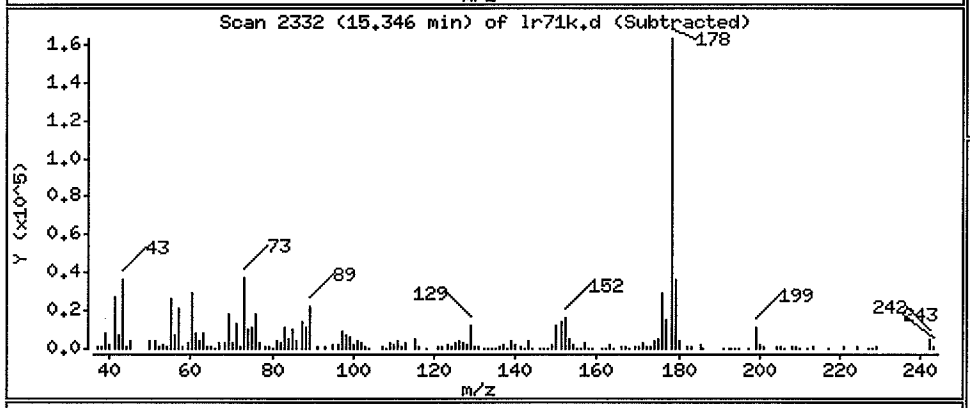
Column phase: ZB-5

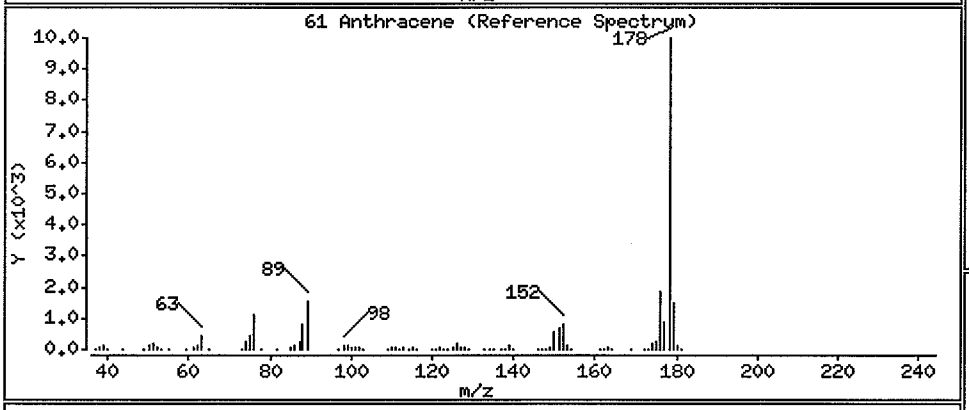
Column diameter: 0.32

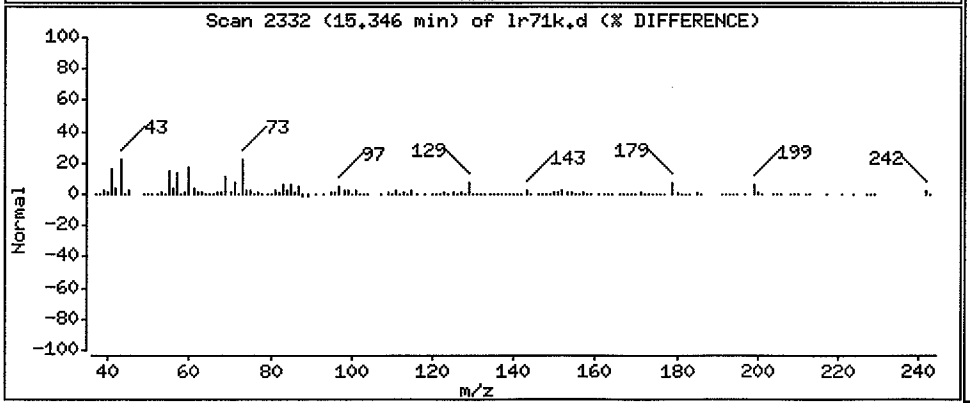
61 Anthracene

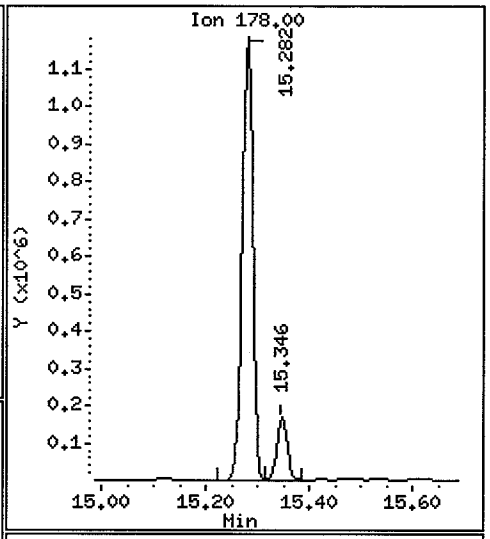
Concentration: 100.1 ug/kg

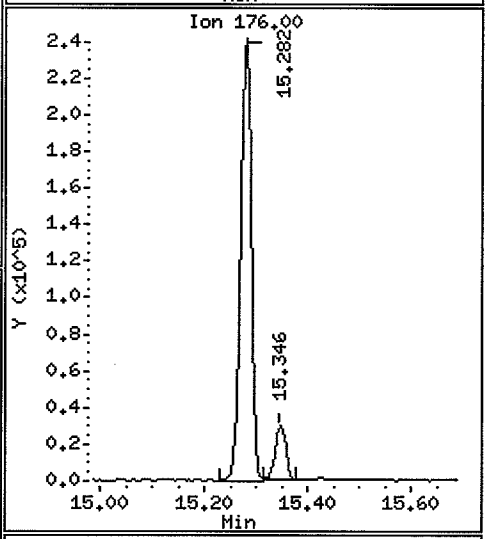


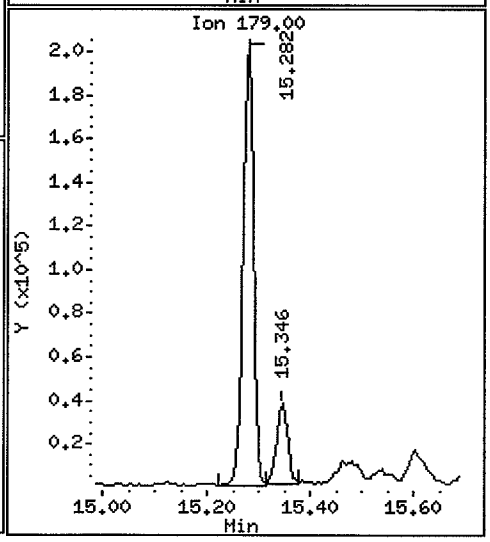












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

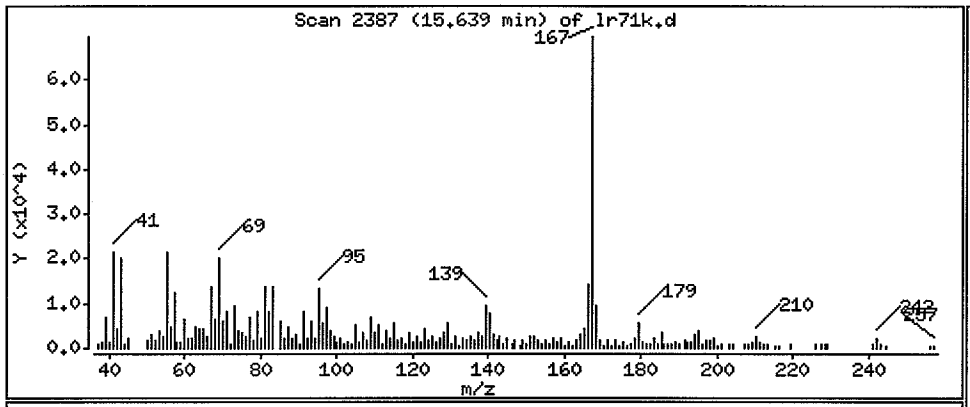
Operator: LJR/VTS

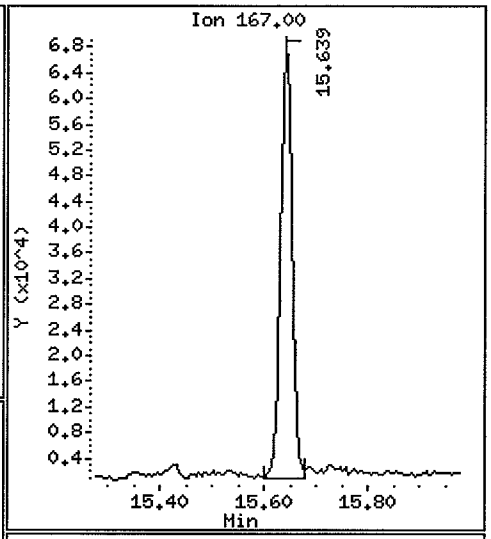
Column phase: ZB-5

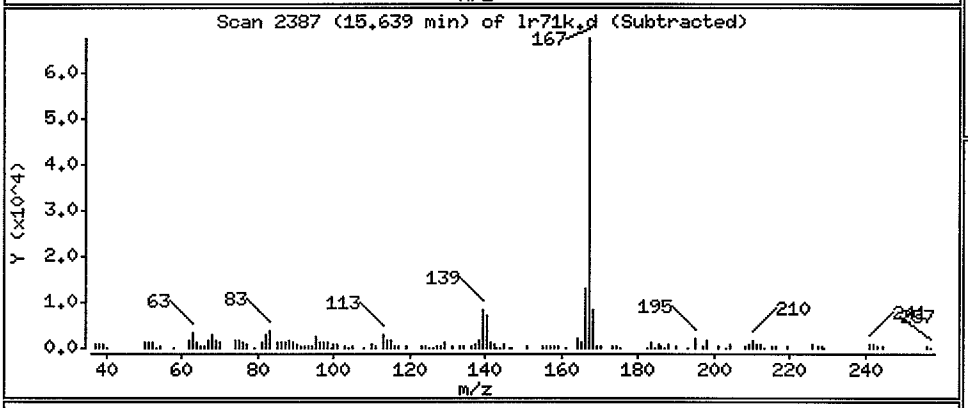
Column diameter: 0.32

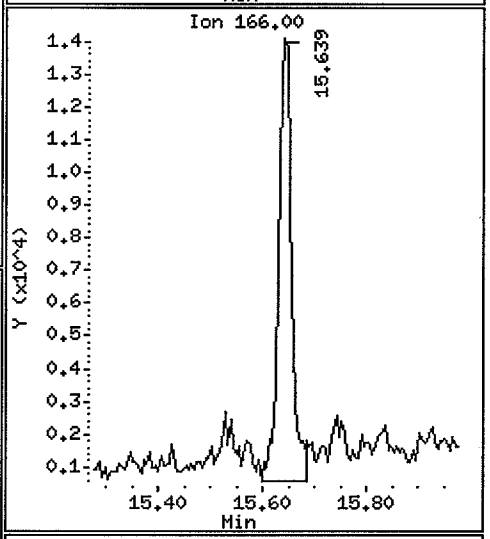
62 Carbazole

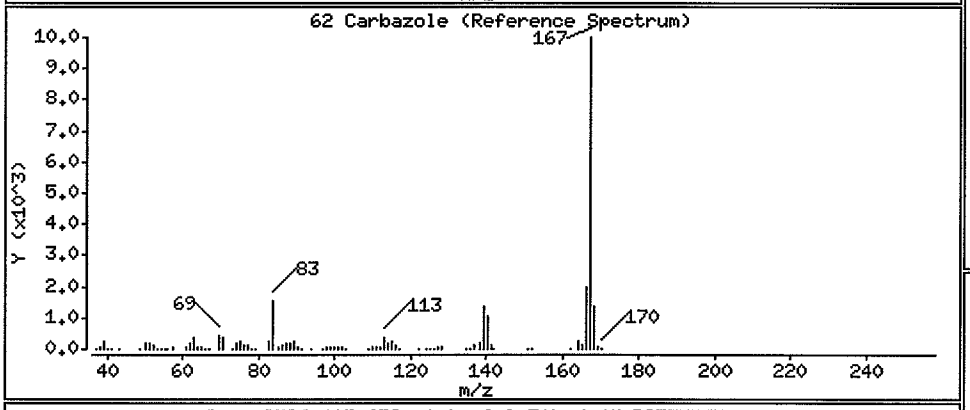
Concentration: 51.98 ug/kg

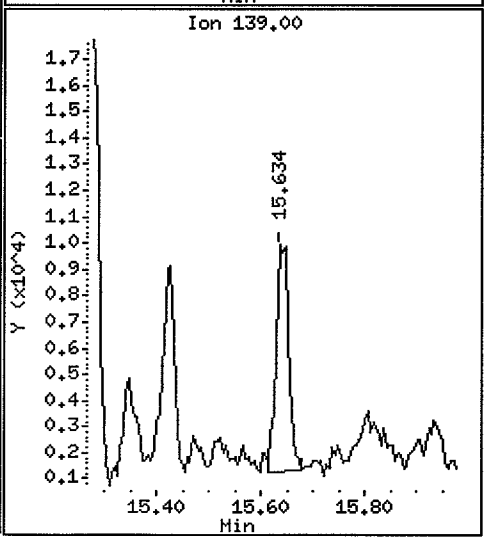


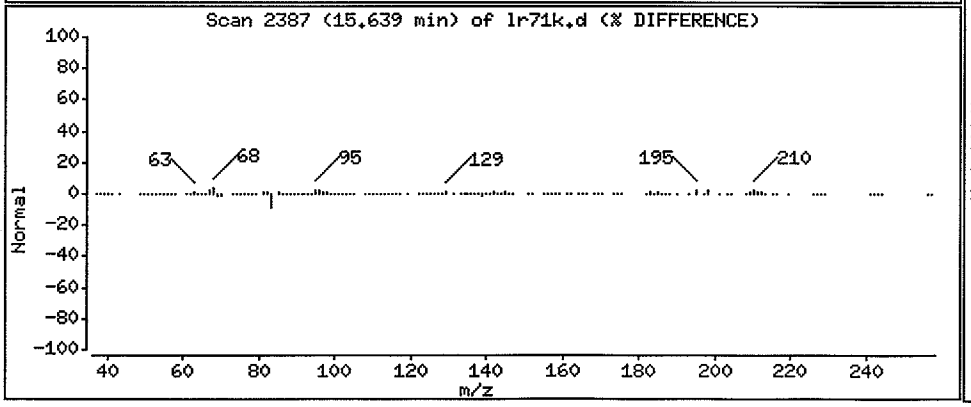












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

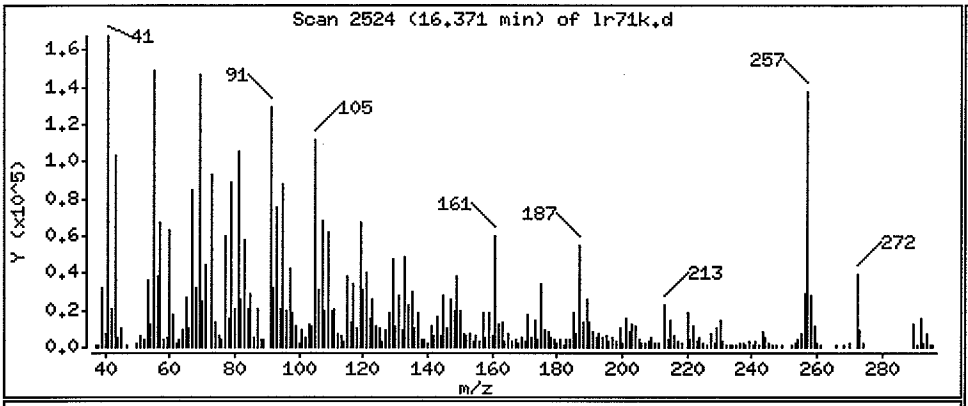
Client ID: AN-SS-08 Instrument: nt6.i

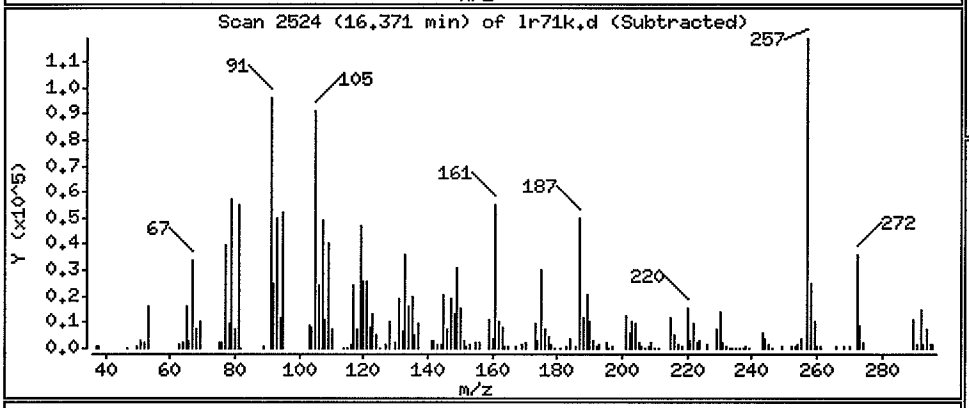
Sample Info: LR71K

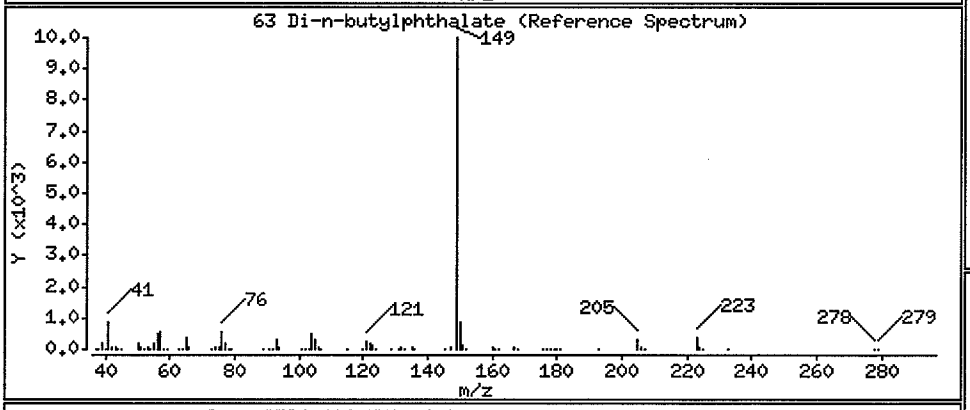
Volume Injected (uL): 1.0 Operator: LJR/VTS

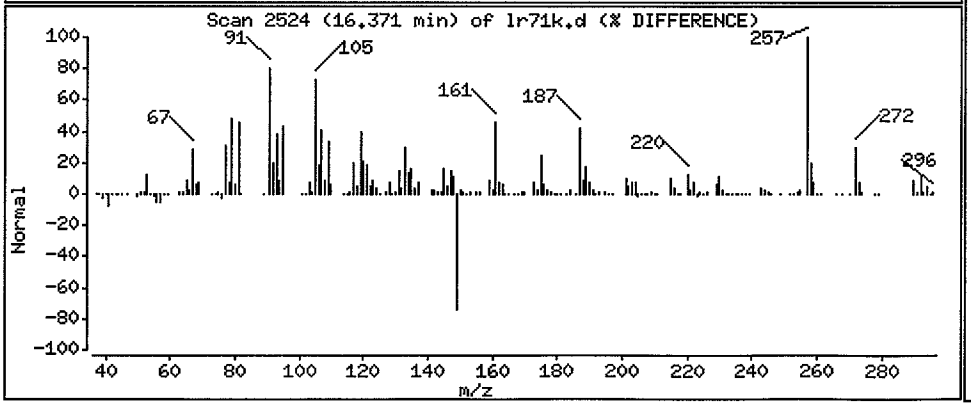
Column phase: ZB-5 Column diameter: 0.32

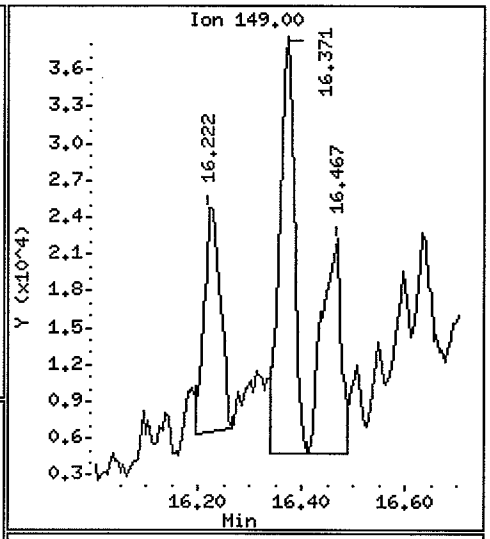
63 Di-n-butylphthalate Concentration: 29.42 ug/kg

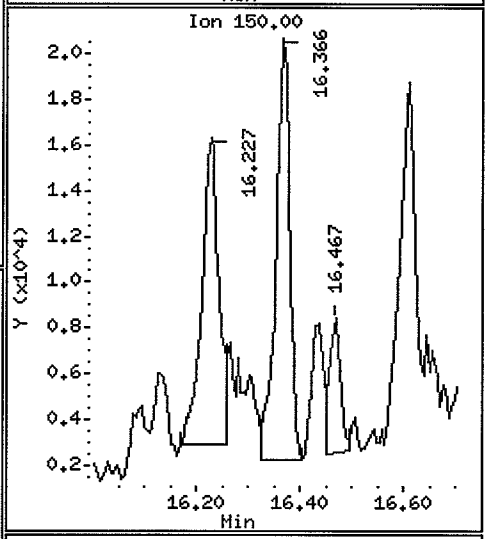


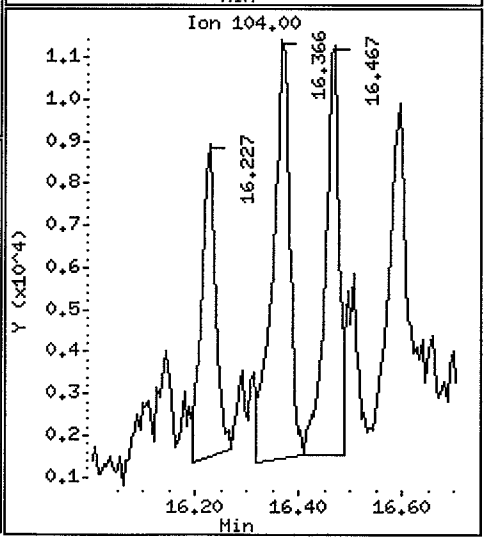












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

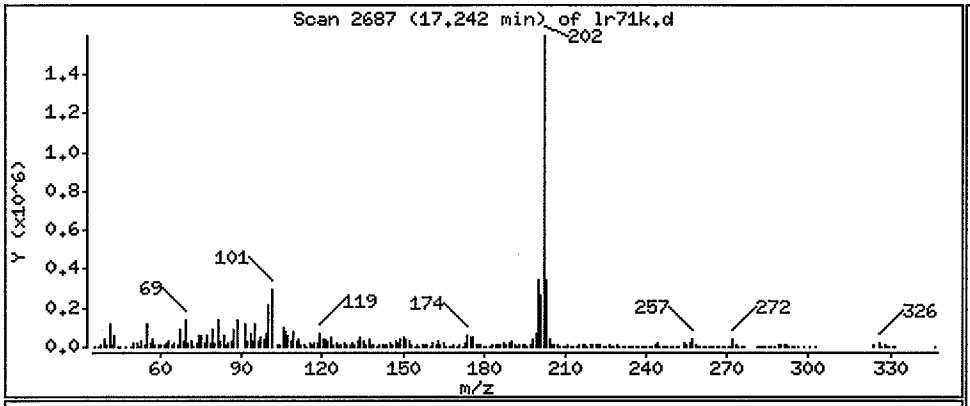
Client ID: AN-SS-08 Instrument: nt6.i

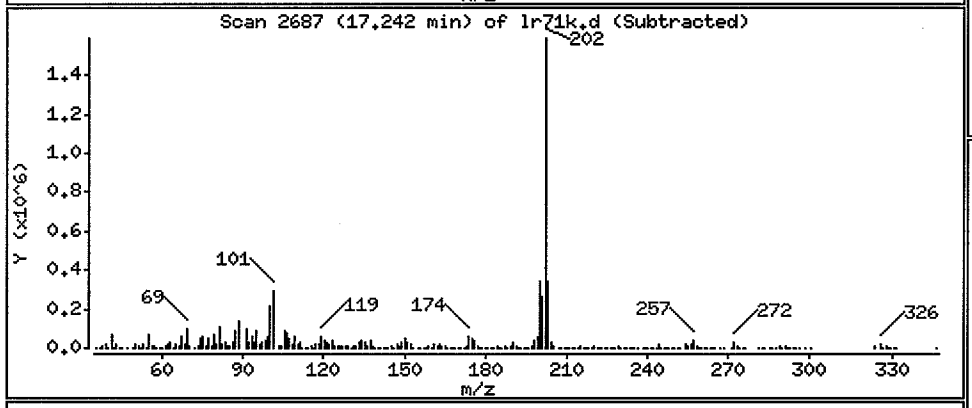
Sample Info: LR71K

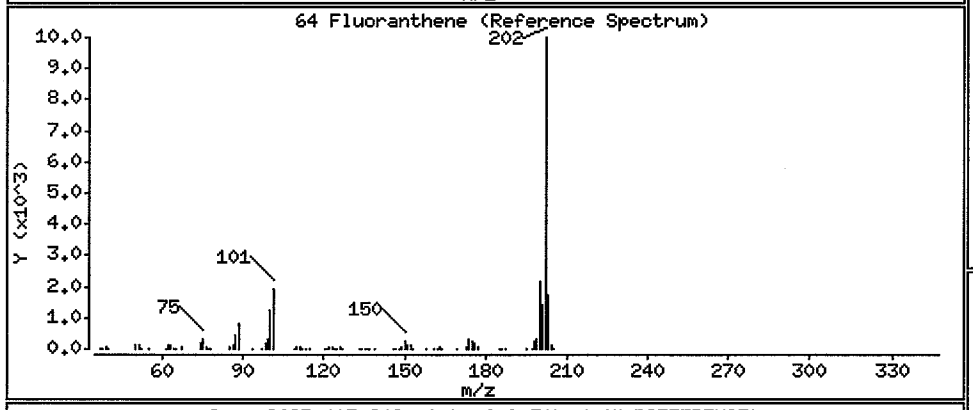
Volume Injected (uL): 1.0 Operator: LJR/VTS

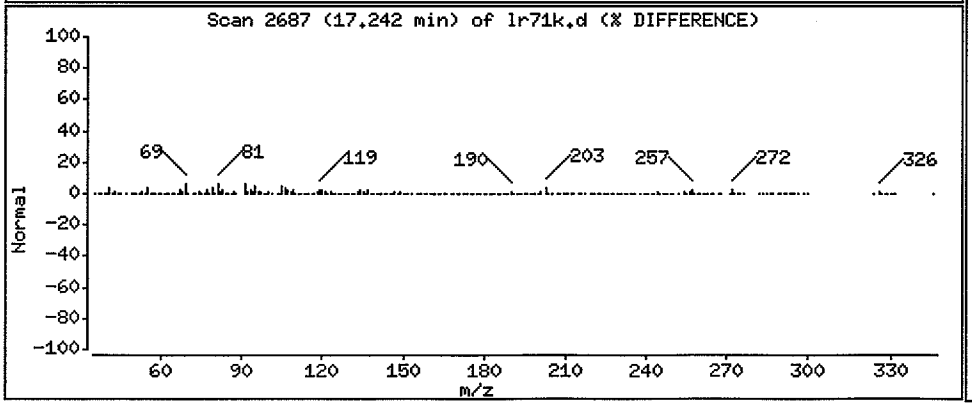
Column phase: ZB-5 Column diameter: 0.32

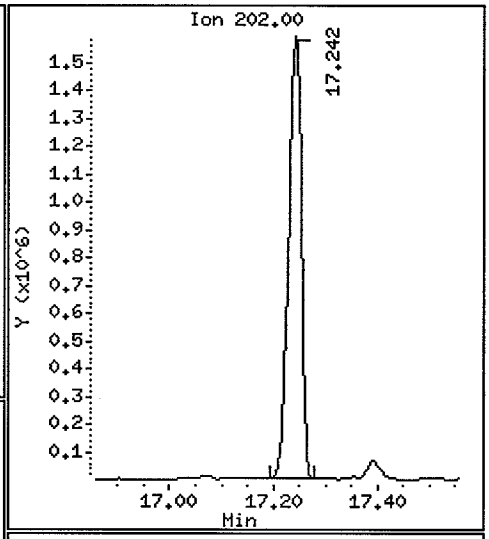
64 Fluoranthene Concentration: 1067 ug/kg

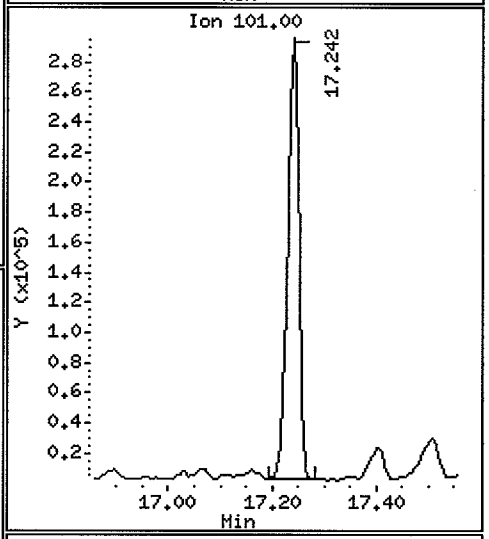


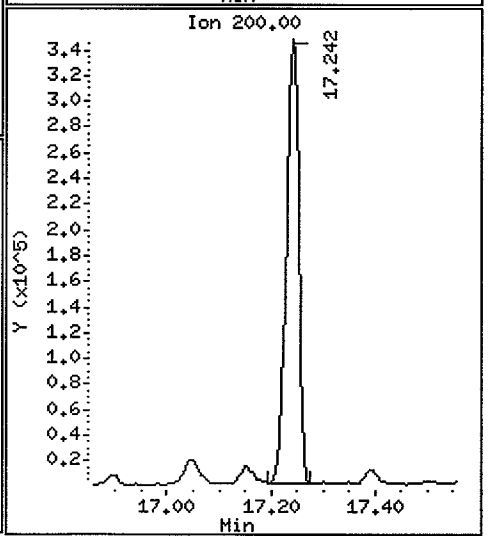












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

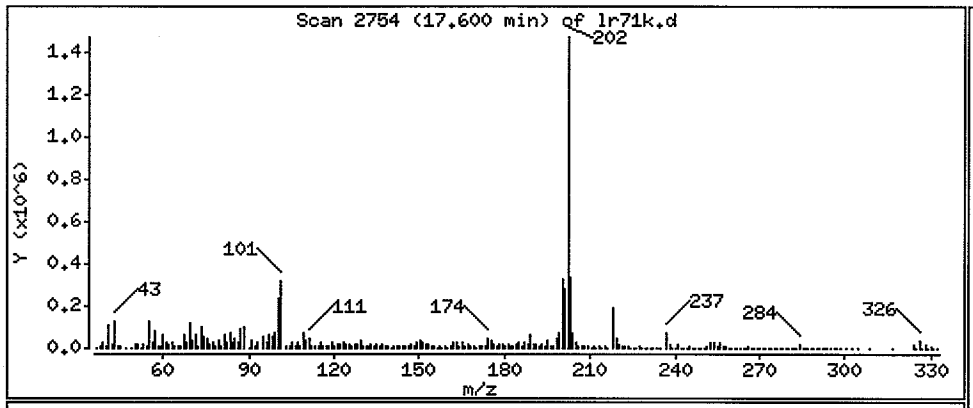
Operator: LJR/VTS

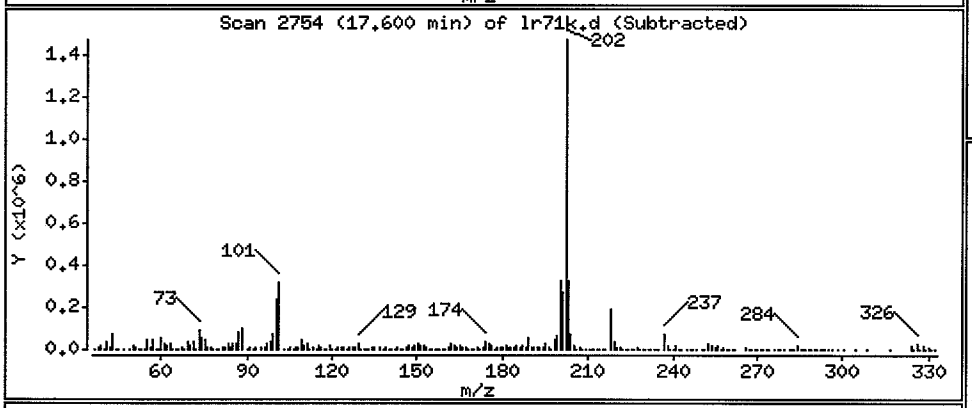
Column phase: ZB-5

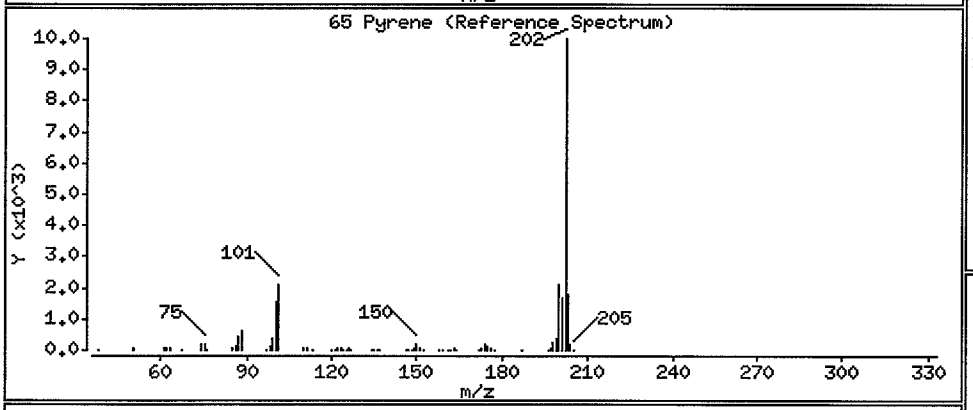
Column diameter: 0.32

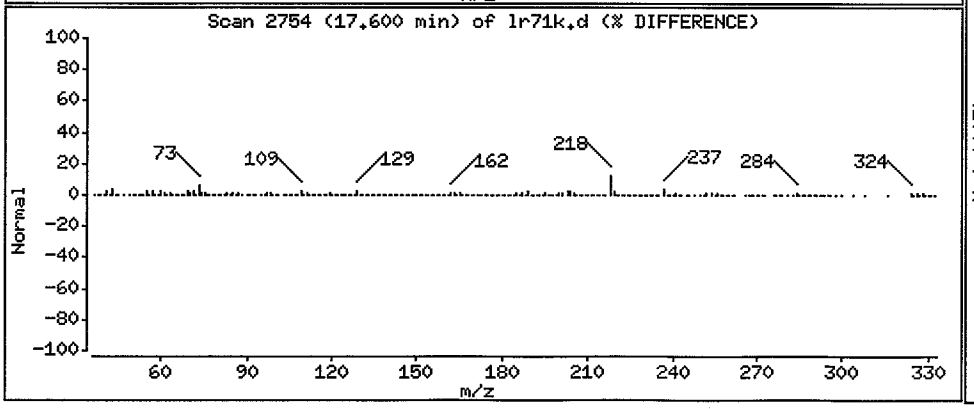
65 Pyrene

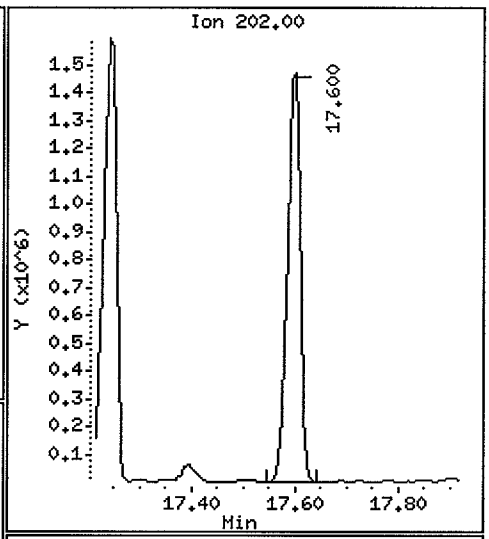
Concentration: 785.4 ug/kg

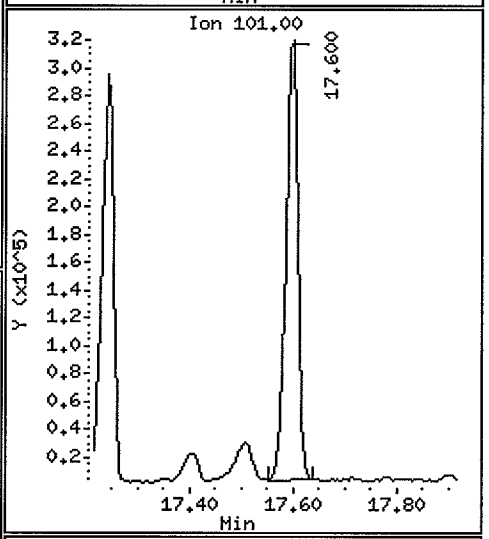


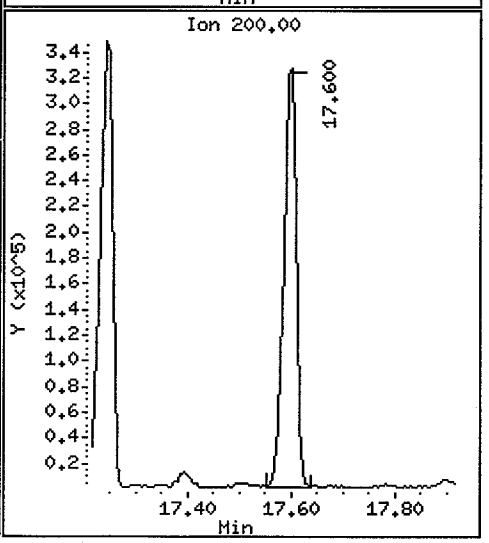












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

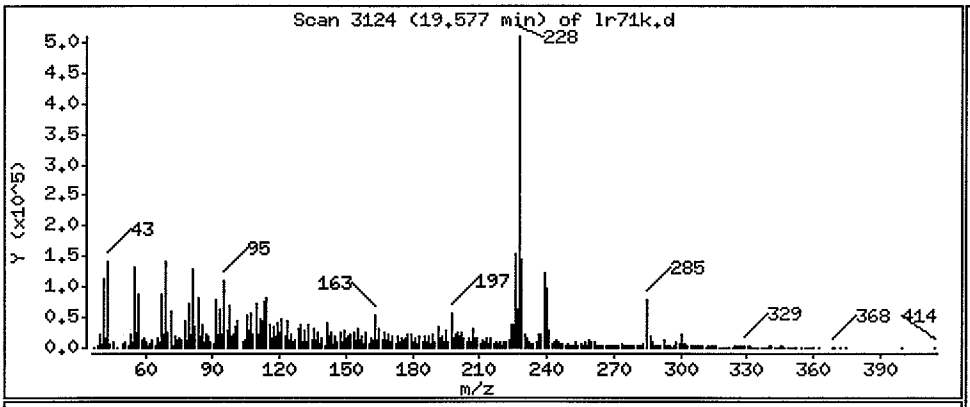
Client ID: AN-SS-08 Instrument: nt6.i

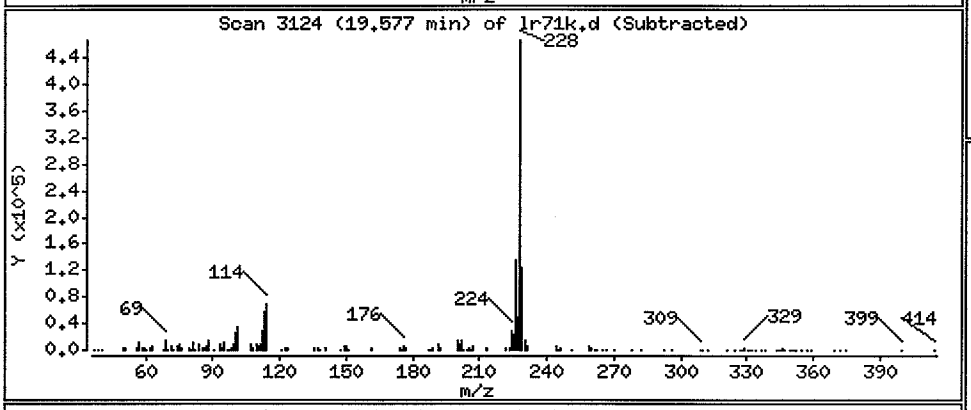
Sample Info: LR71K

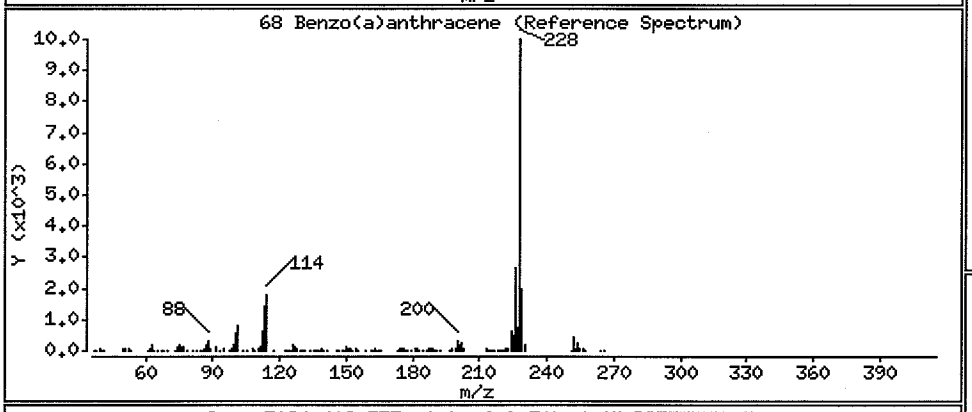
Volume Injected (uL): 1.0 Operator: LJR/VTS

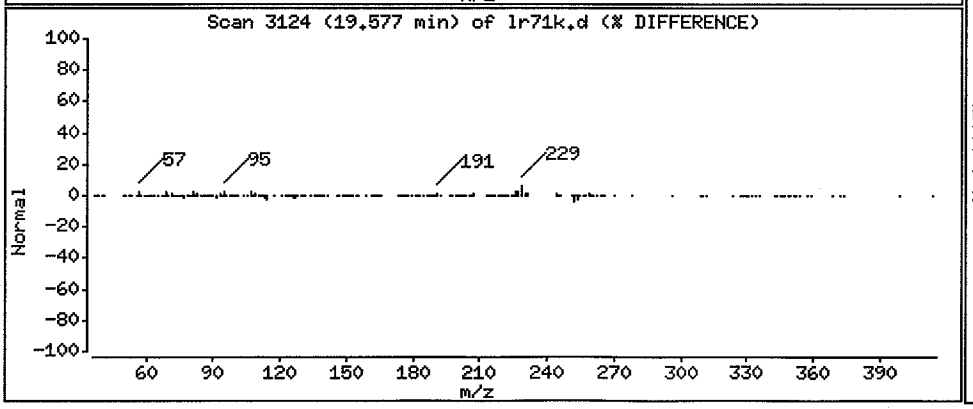
Column phase: ZB-5 Column diameter: 0.32

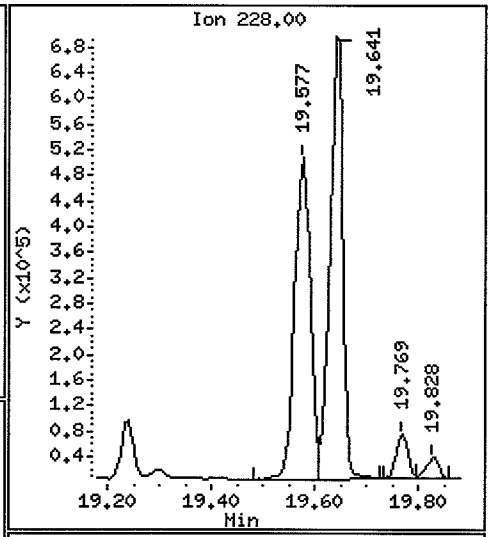
68 Benzo(a)anthracene Concentration: 296.6 ug/kg

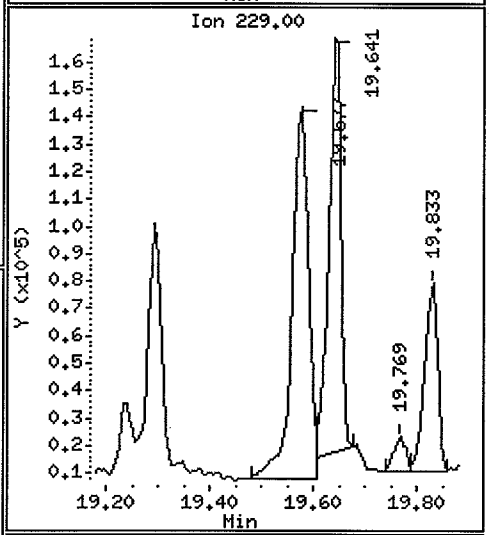


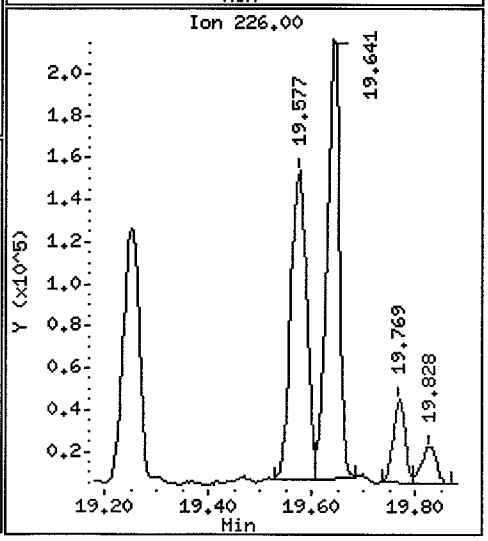












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

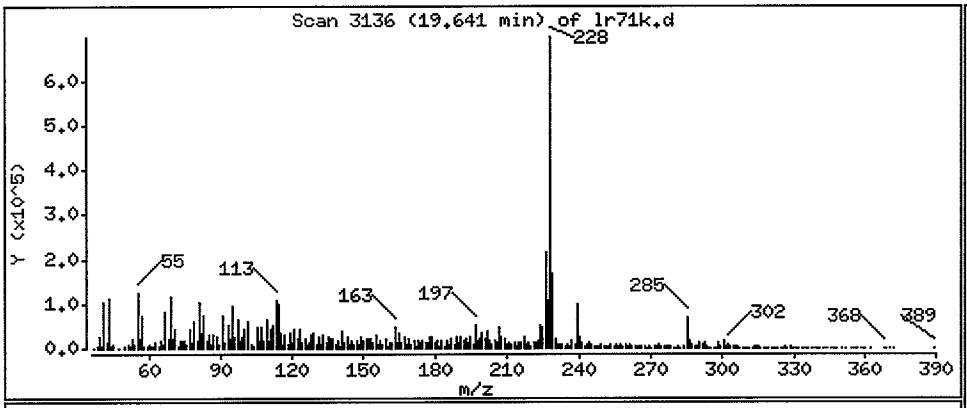
Operator: LJR/VTS

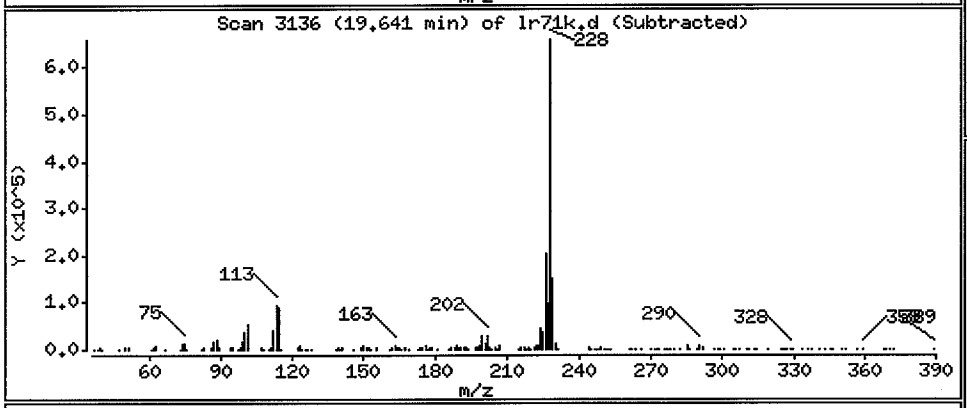
Column phase: ZB-5

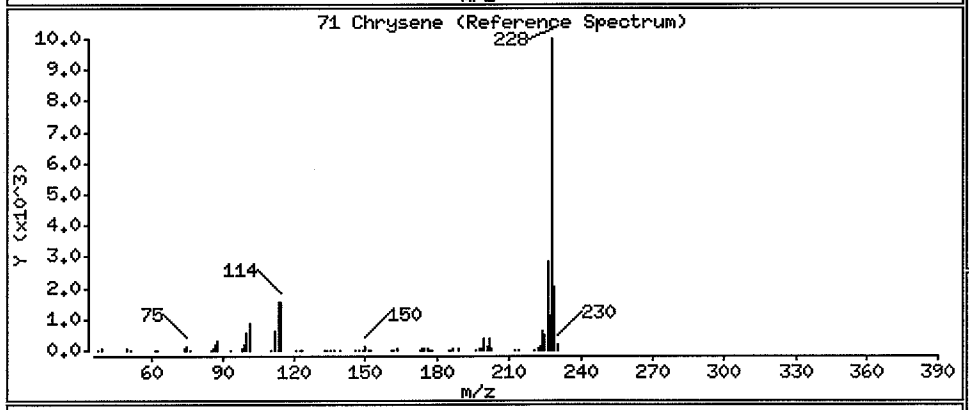
Column diameter: 0.32

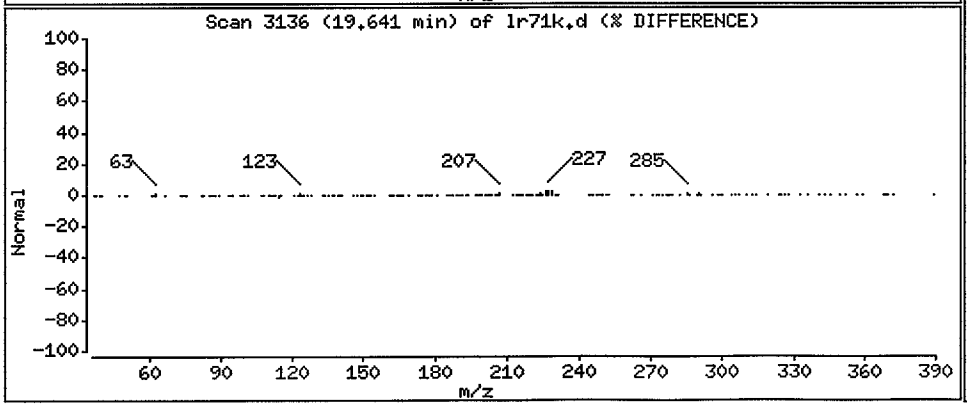
71 Chrysene

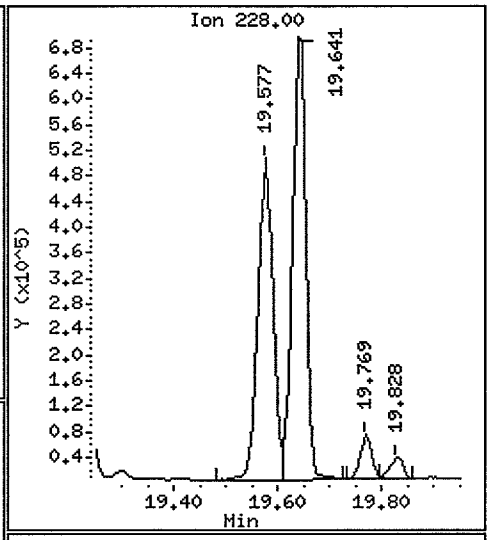
Concentration: 380.4 ug/kg

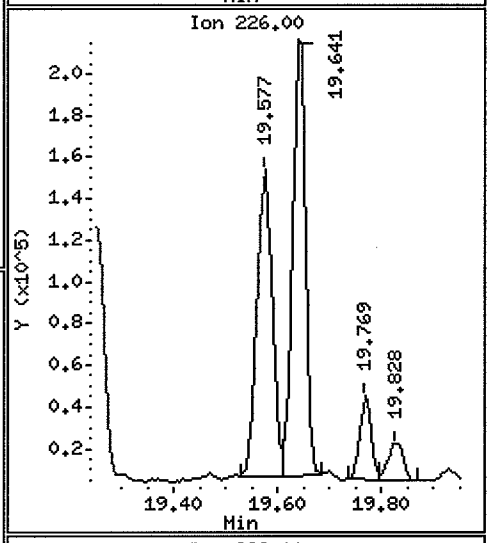


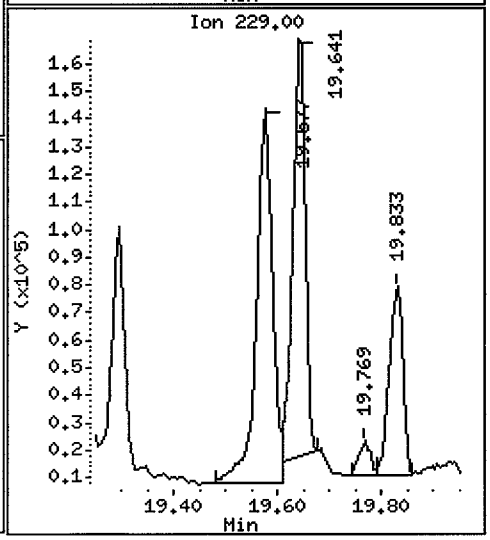












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

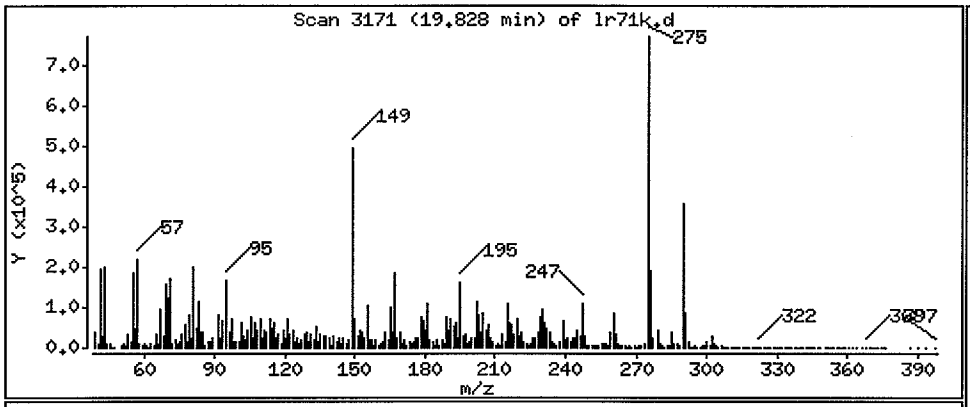
Client ID: AN-SS-08 Instrument: nt6.i

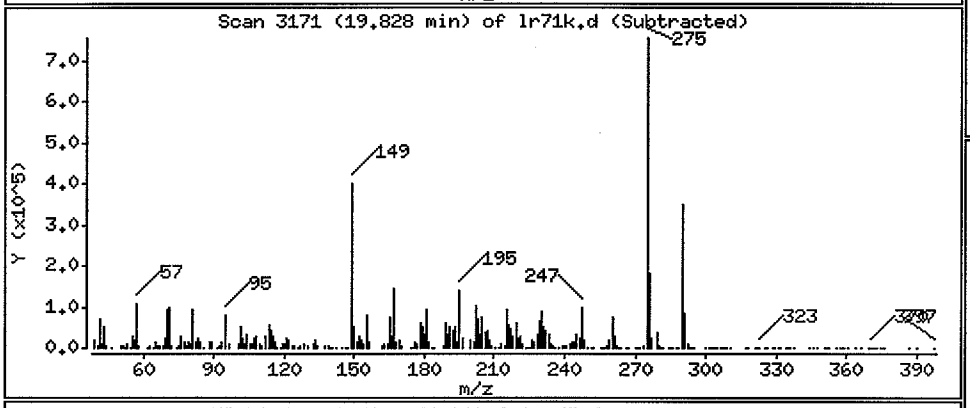
Sample Info: LR71K

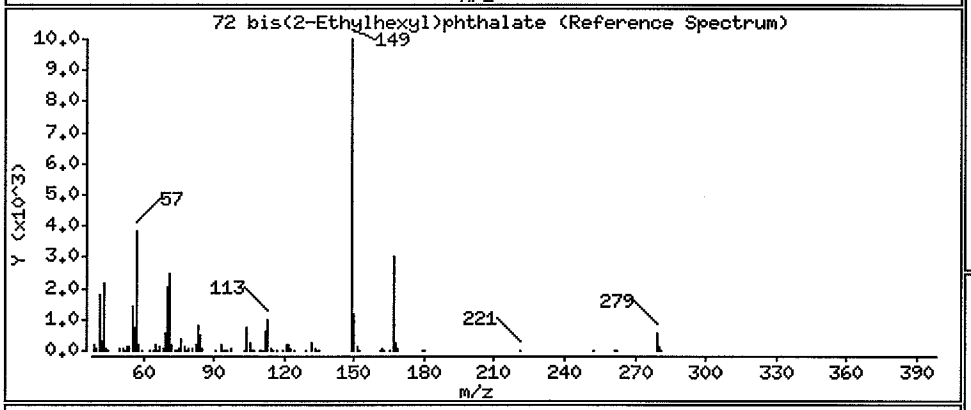
Volume Injected (uL): 1.0 Operator: LJR/VTS

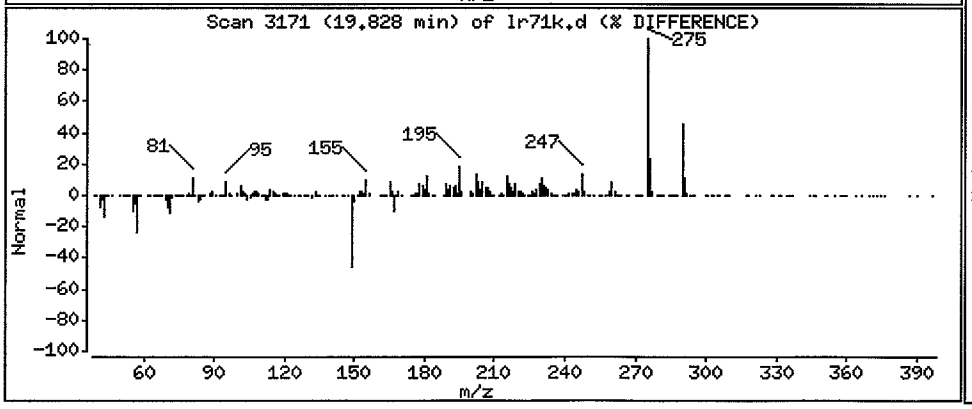
Column phase: ZB-5 Column diameter: 0.32

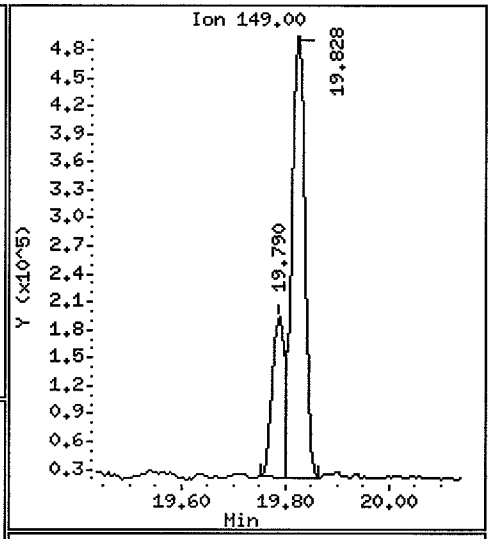
72 bis(2-Ethylhexyl)phthalate Concentration: 442.9 ug/kg

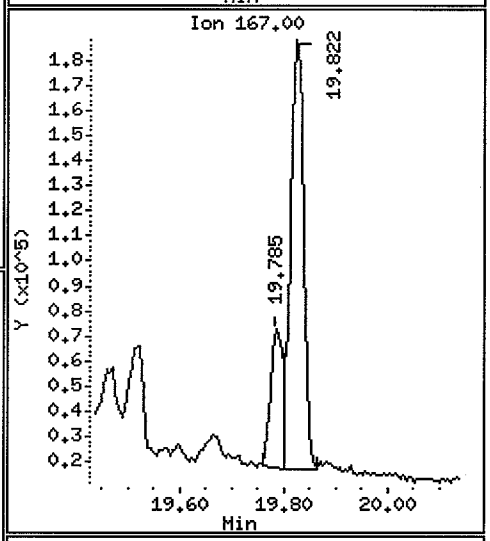


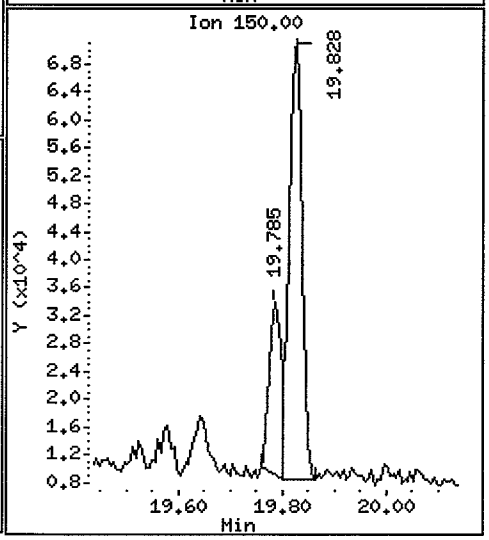












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

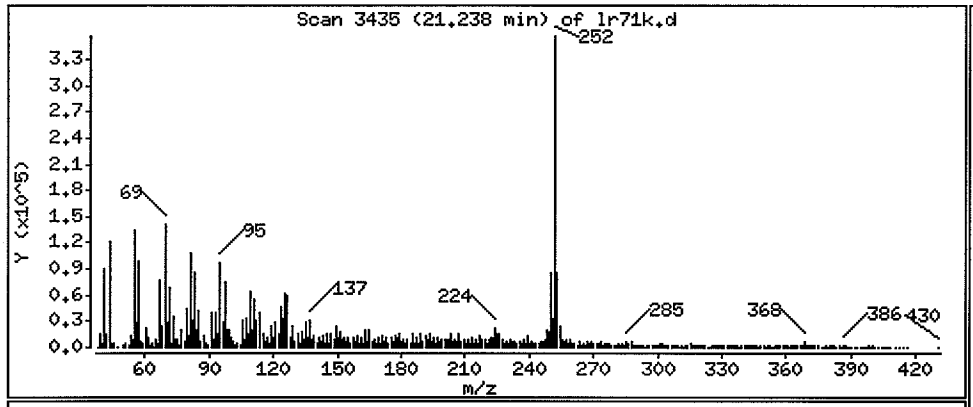
Client ID: AN-SS-08 Instrument: nt6.i

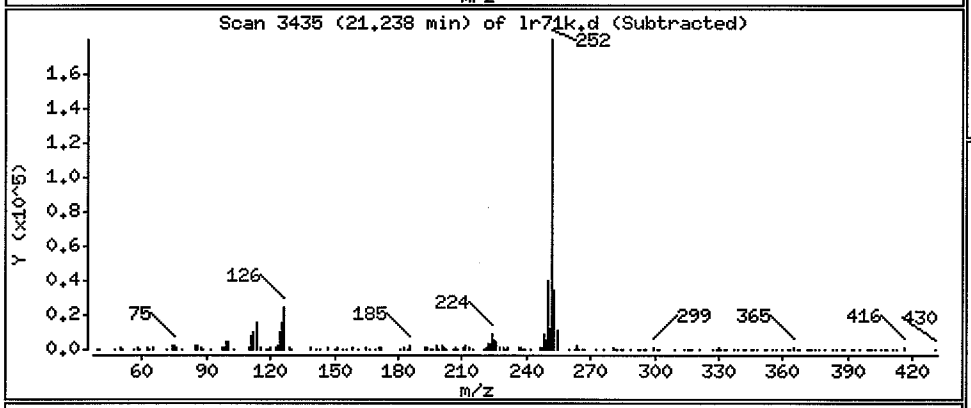
Sample Info: LR71K

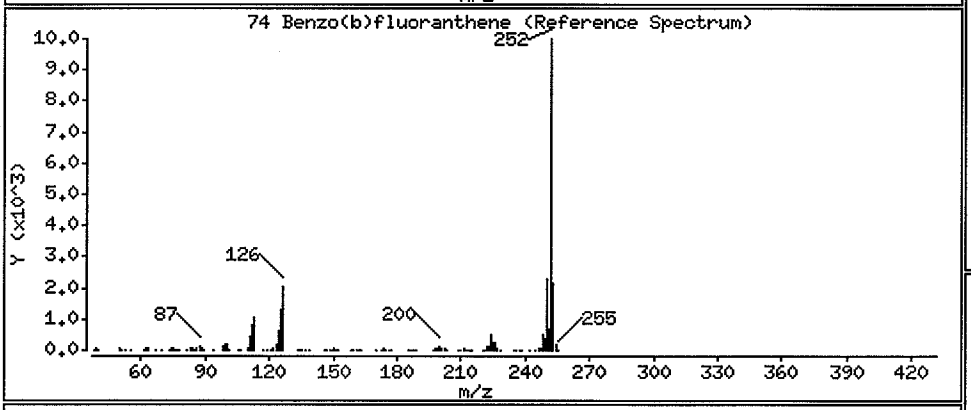
Volume Injected (uL): 1.0 Operator: LJR/VTS

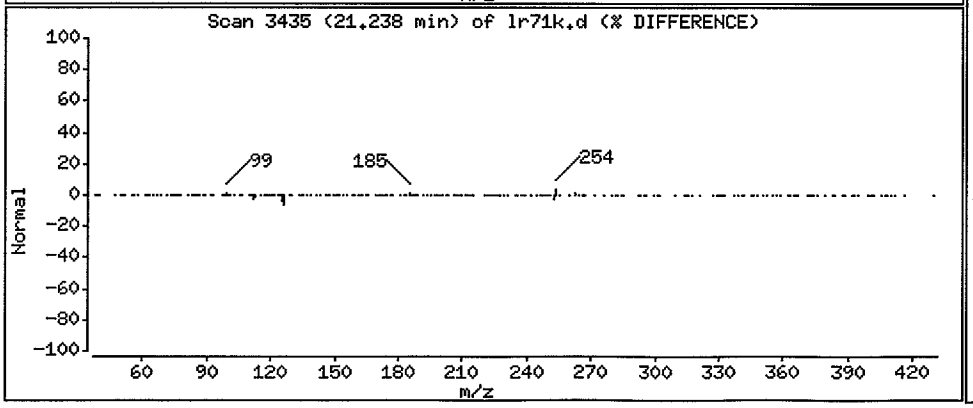
Column phase: ZB-5 Column diameter: 0.32

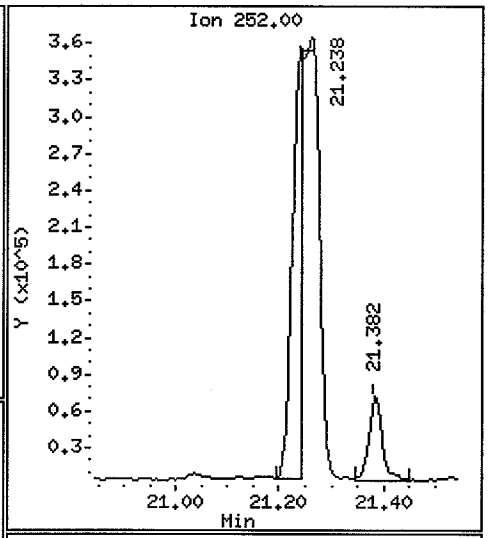
74 Benzo(b)fluoranthene Concentration: 264.5 ug/kg

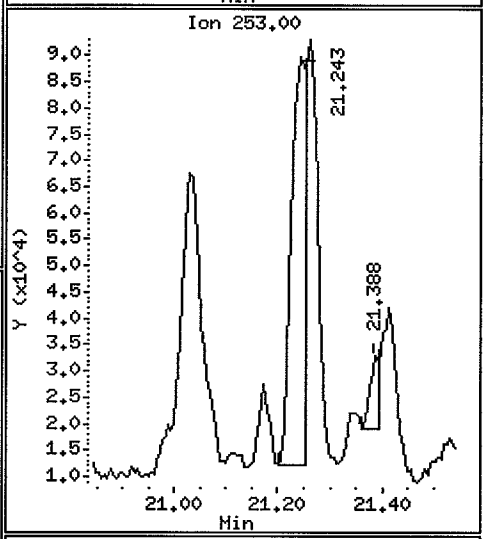


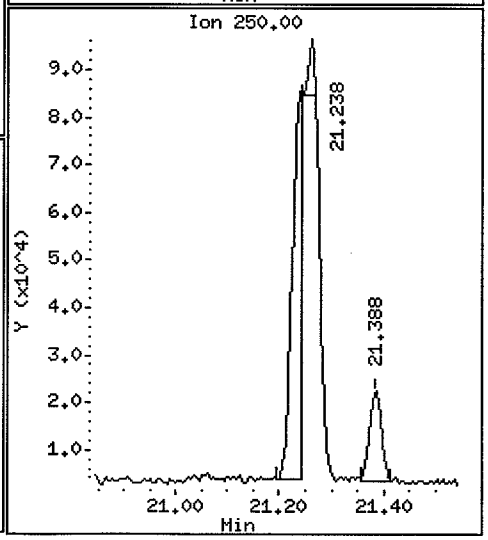












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

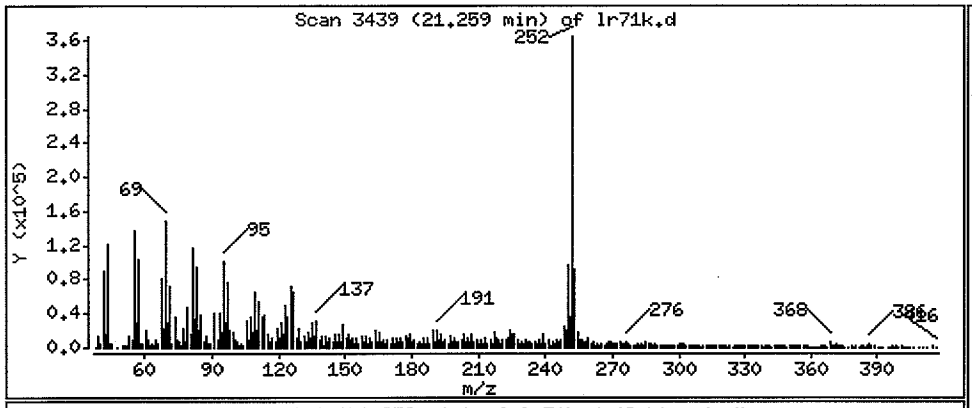
Operator: LJR/VTS

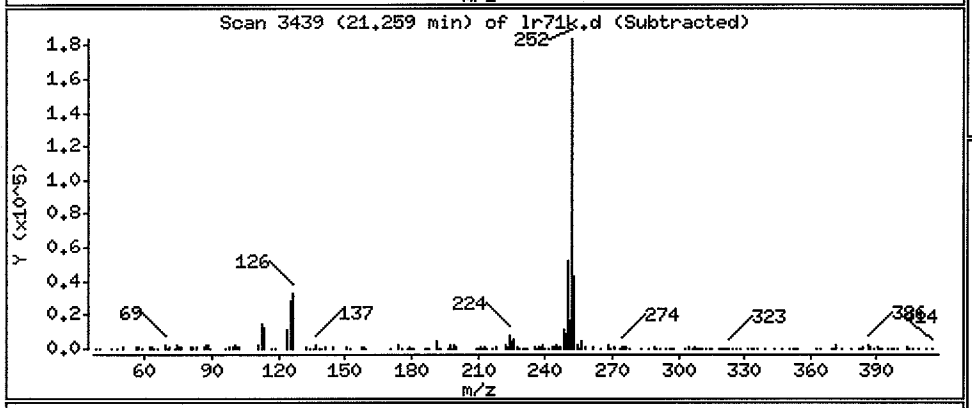
Column phase: ZB-5

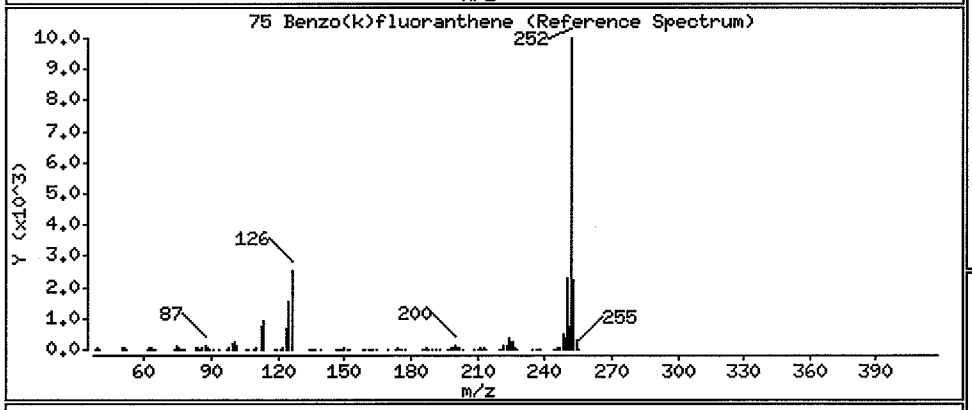
Column diameter: 0.32

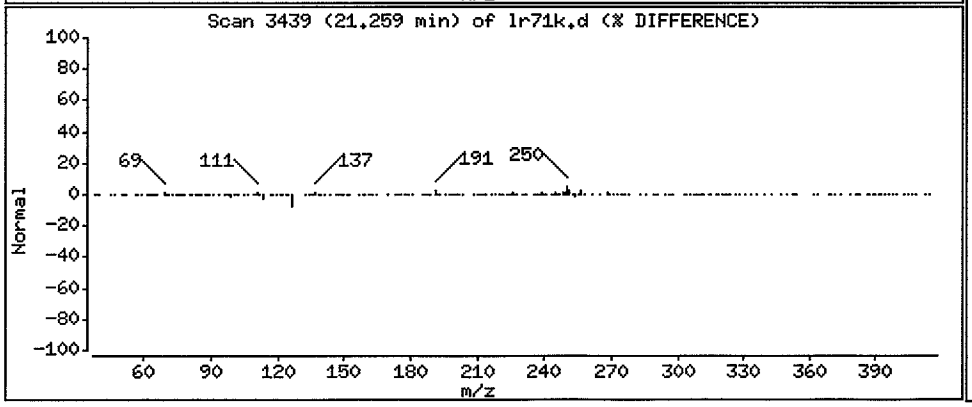
75 Benzo(k)fluoranthene

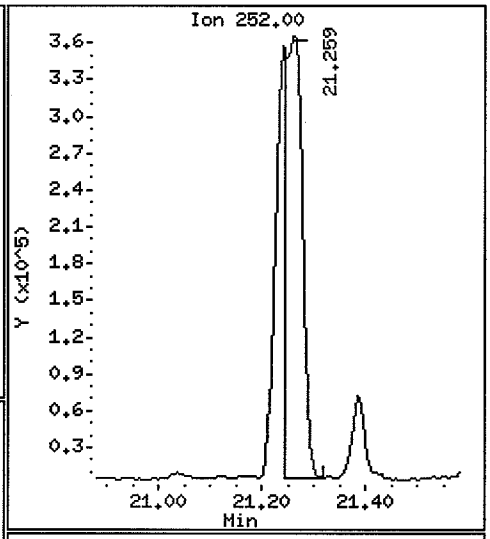
Concentration: 422.9 ug/kg

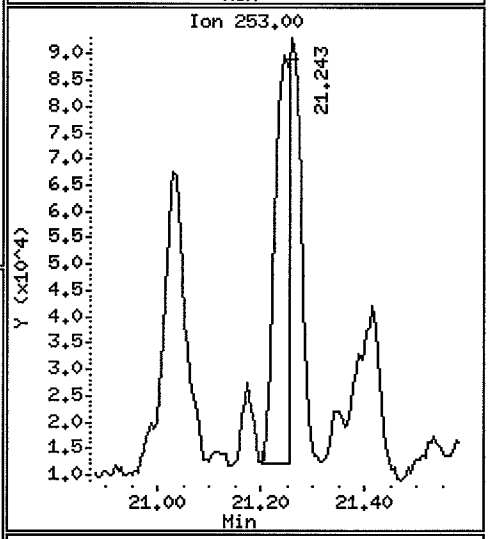


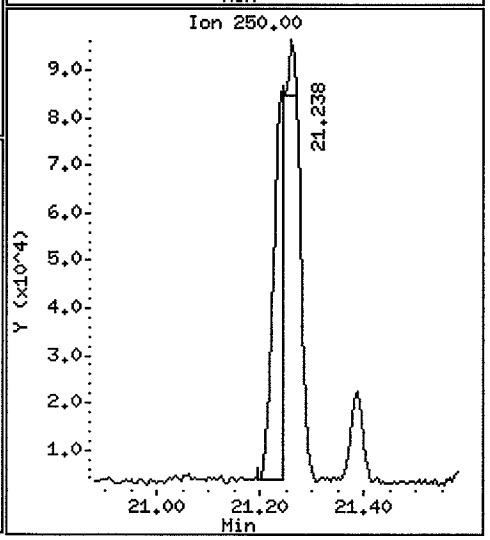












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

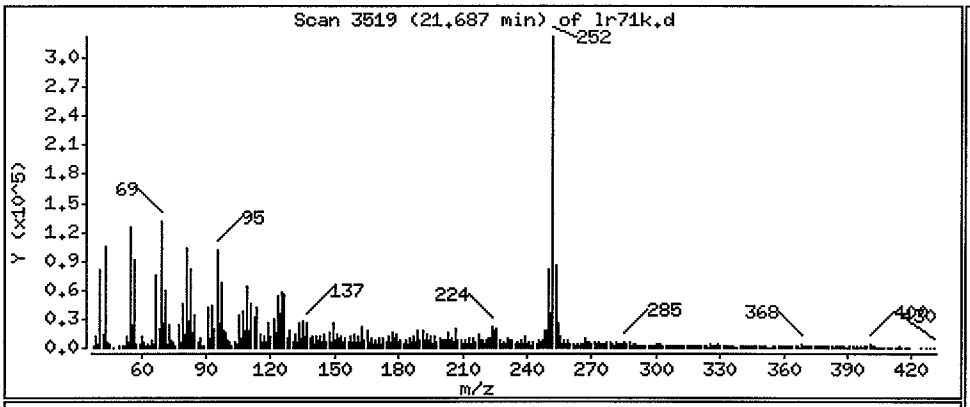
Operator: LJR/VTS

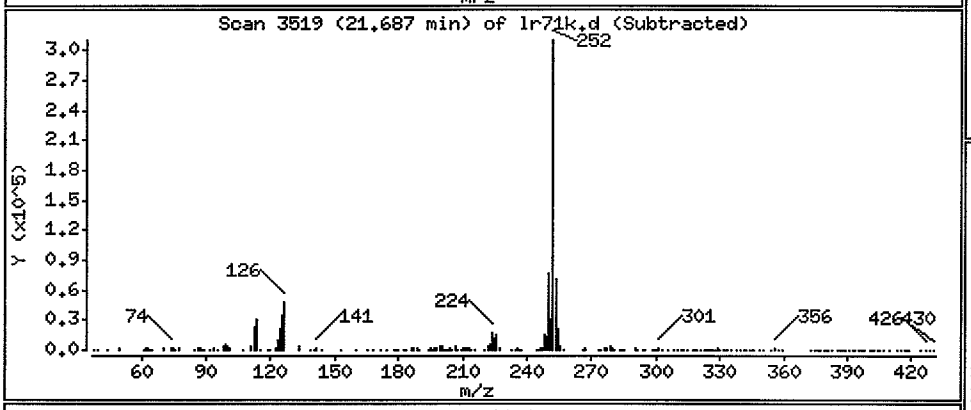
Column phase: ZB-5

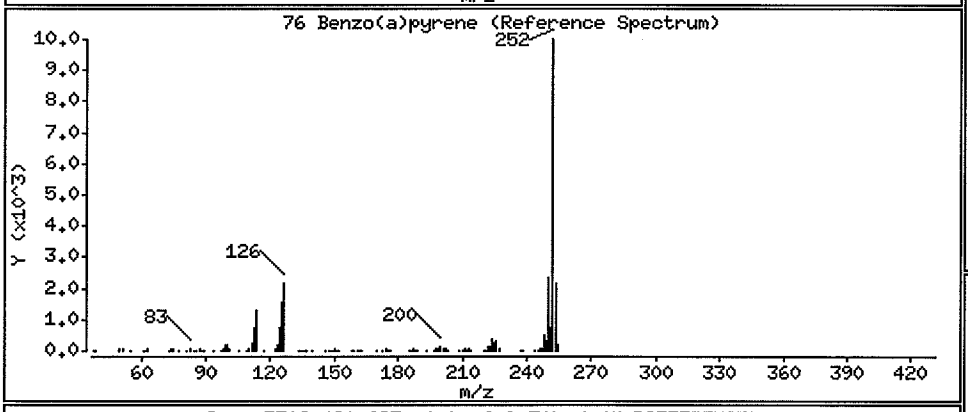
Column diameter: 0.32

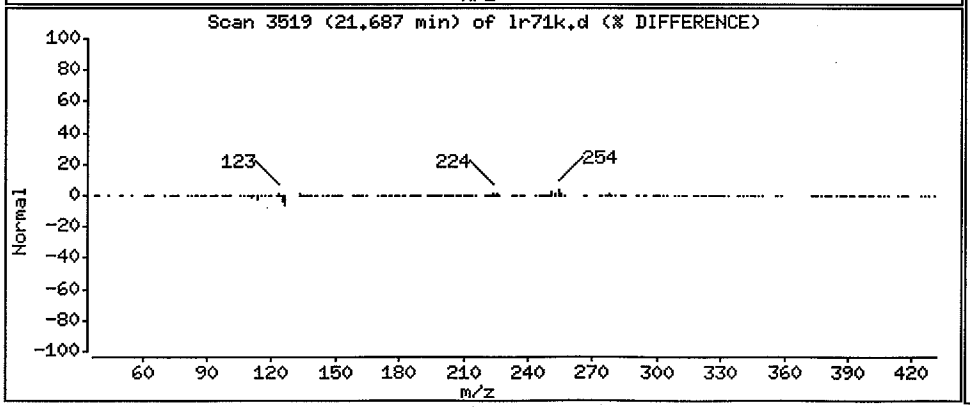
76 Benzo(a)pyrene

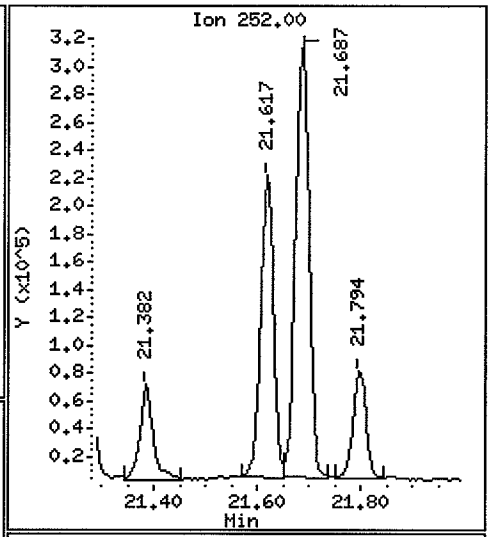
Concentration: 331.4 ug/kg

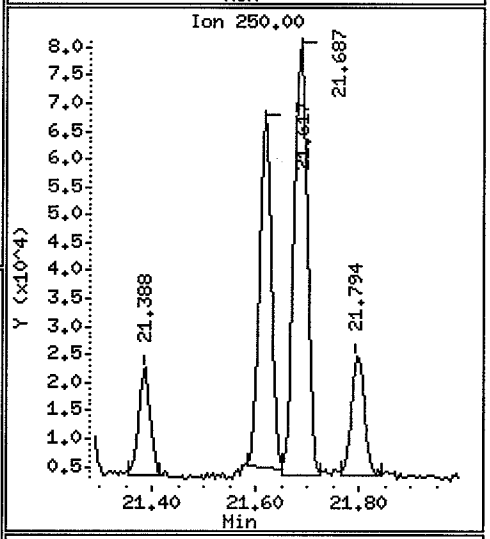


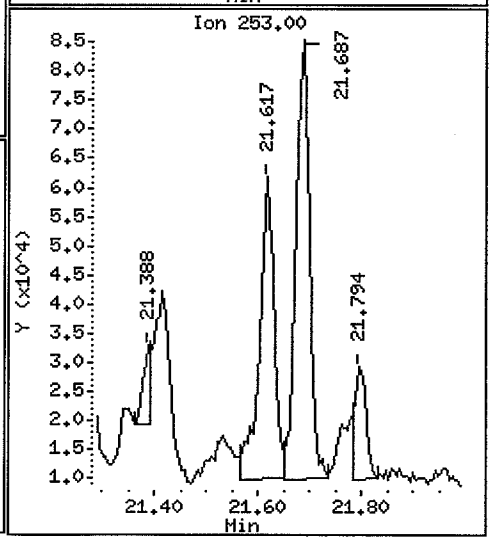












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

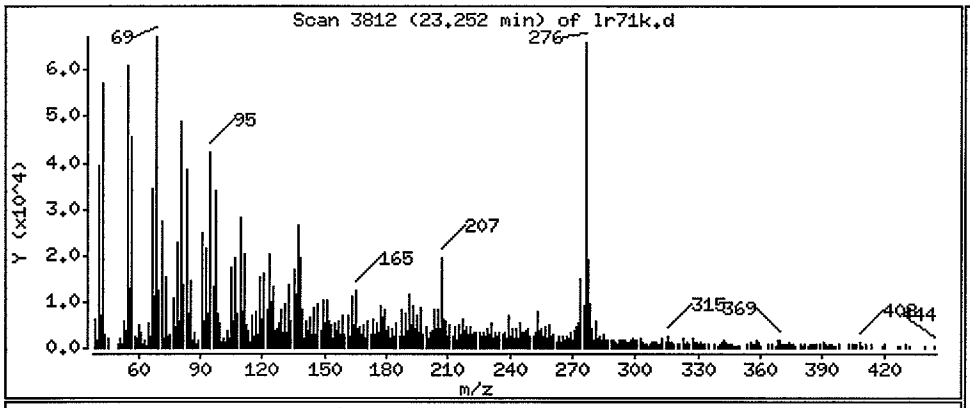
Operator: LJR/VTS

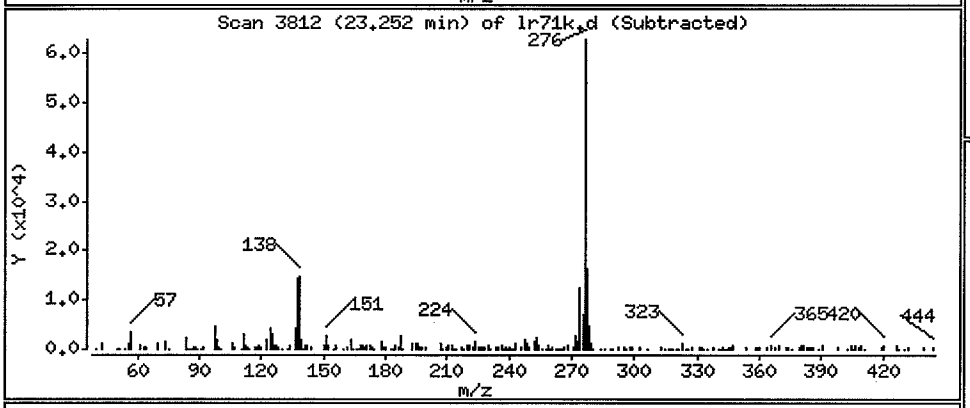
Column phase: ZB-5

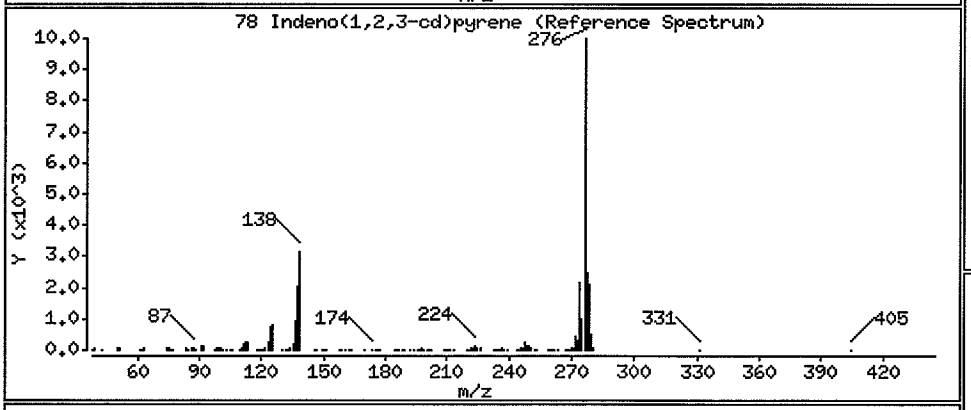
Column diameter: 0.32

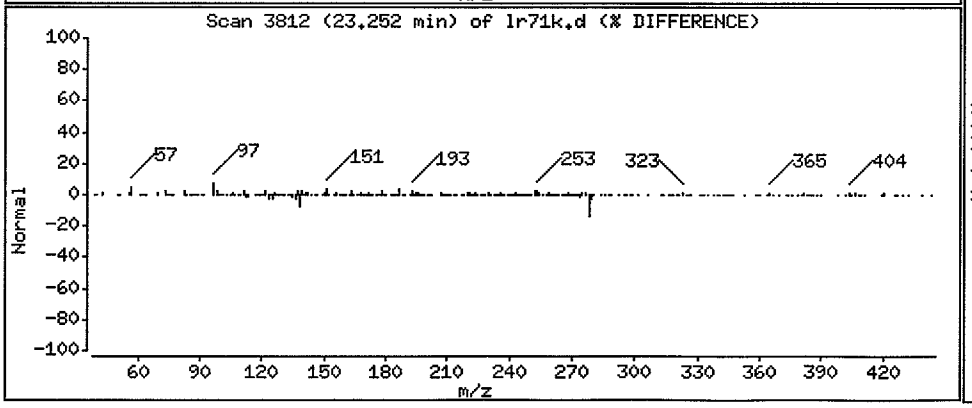
78 Indeno(1,2,3-cd)pyrene

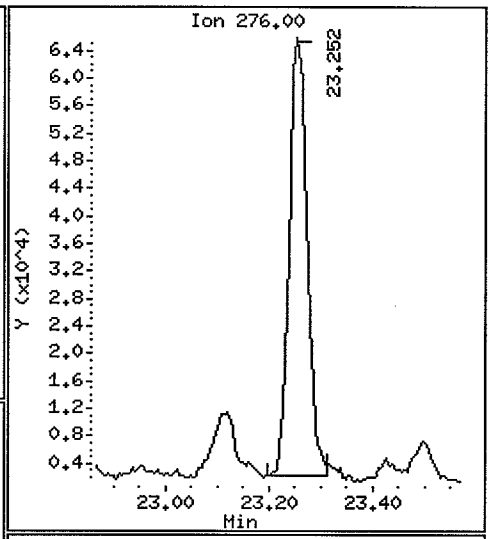
Concentration: 76.01 ug/kg

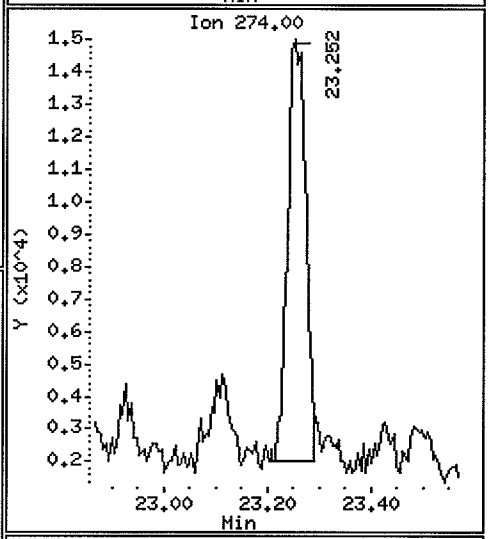


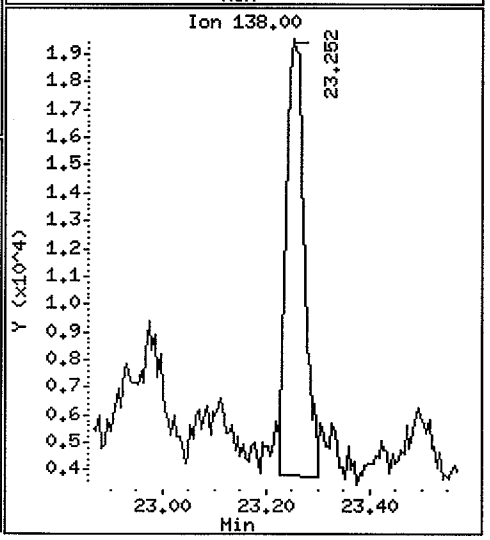












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

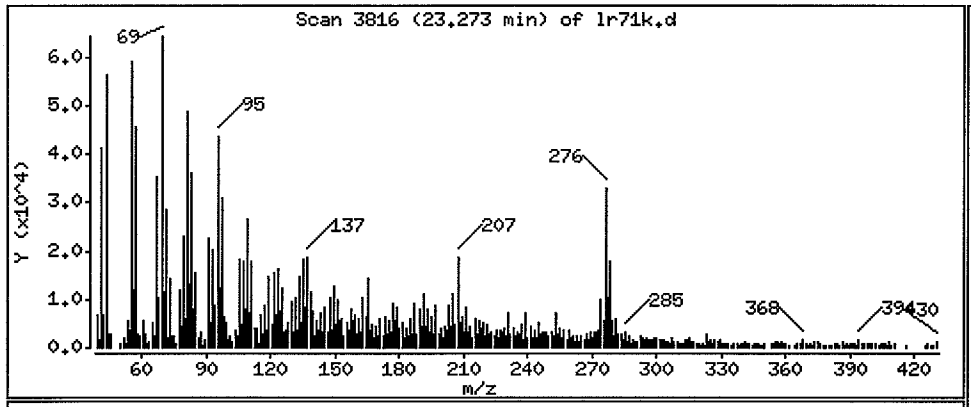
Client ID: AN-SS-08 Instrument: nt6.i

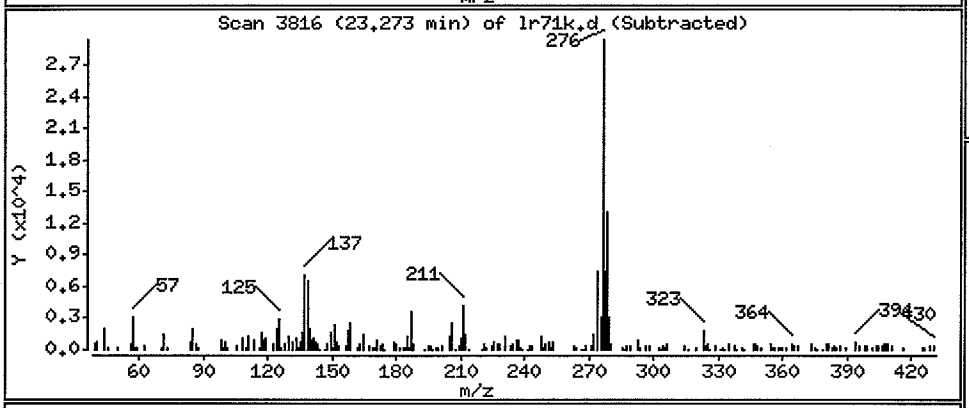
Sample Info: LR71K

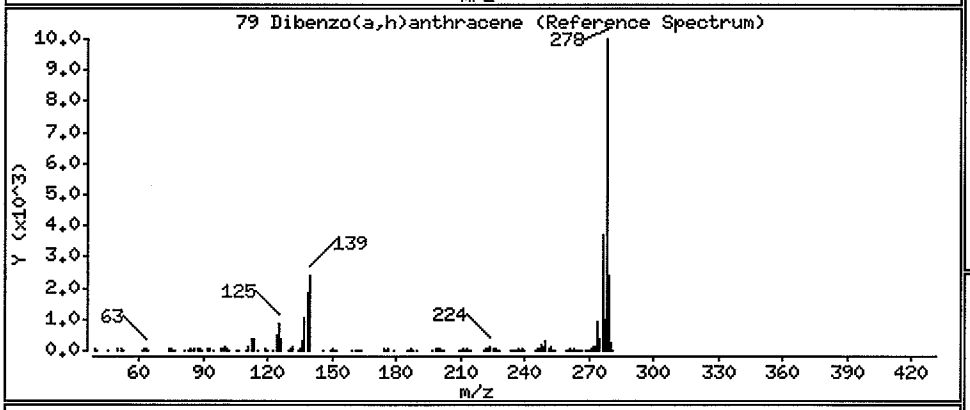
Volume Injected (uL): 1.0 Operator: LJR/VTS

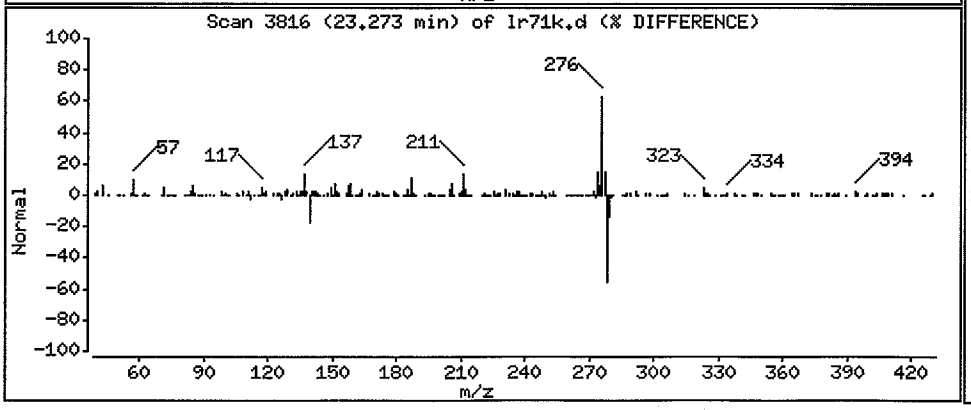
Column phase: ZB-5 Column diameter: 0.32

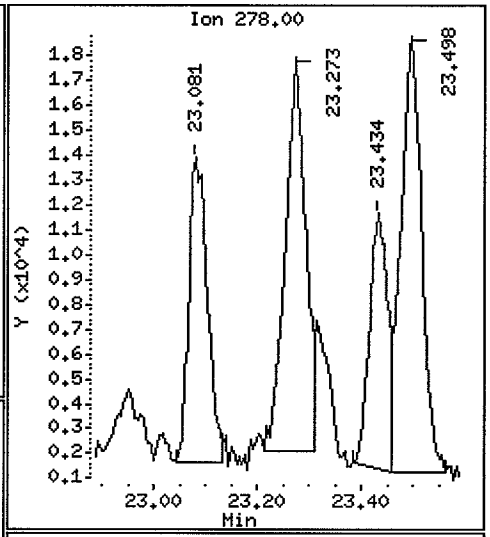
79 Dibenzo(a,h)anthracene Concentration: 25.48 ug/kg

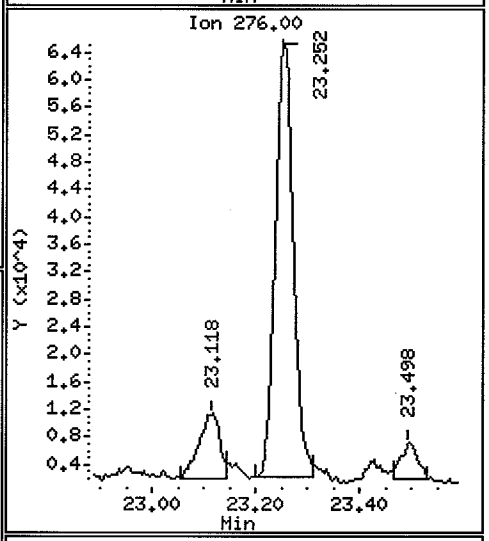


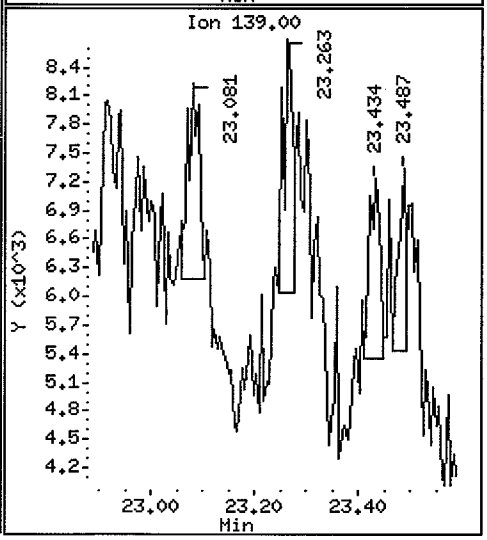












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

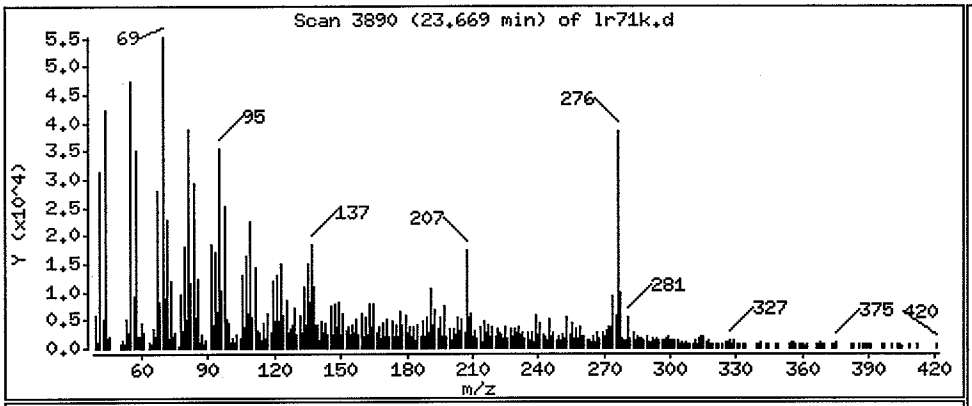
Client ID: AN-SS-08 Instrument: nt6.i

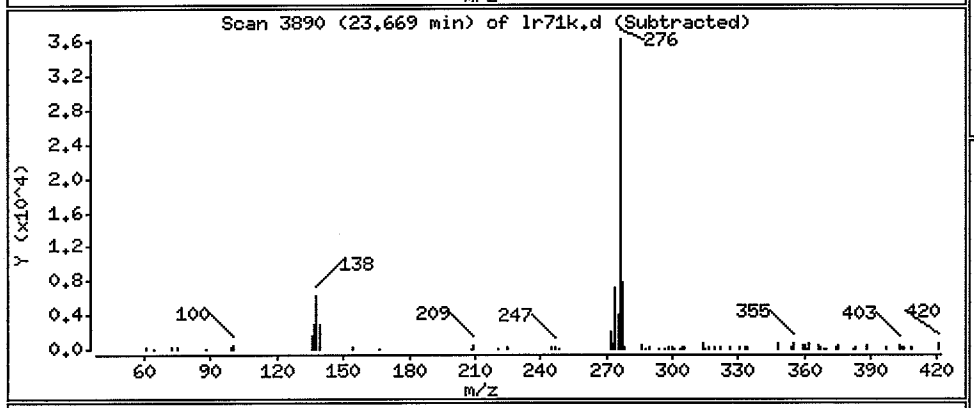
Sample Info: LR71K

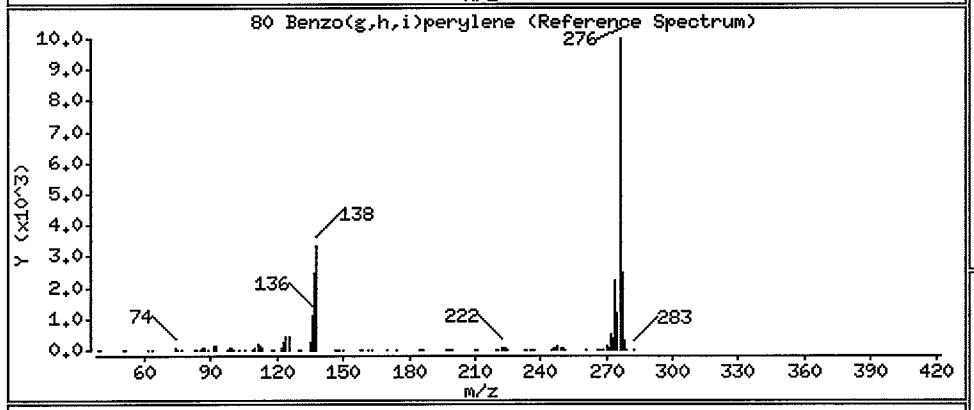
Volume Injected (uL): 1.0 Operator: LJR/VTS

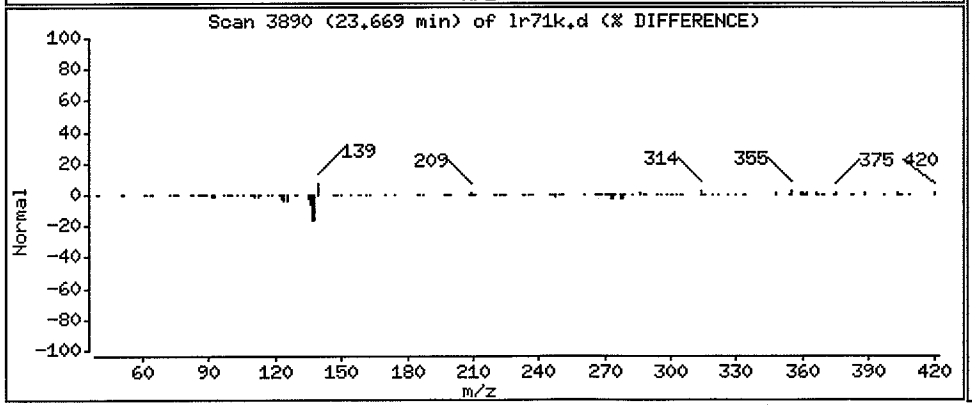
Column phase: ZB-5 Column diameter: 0.32

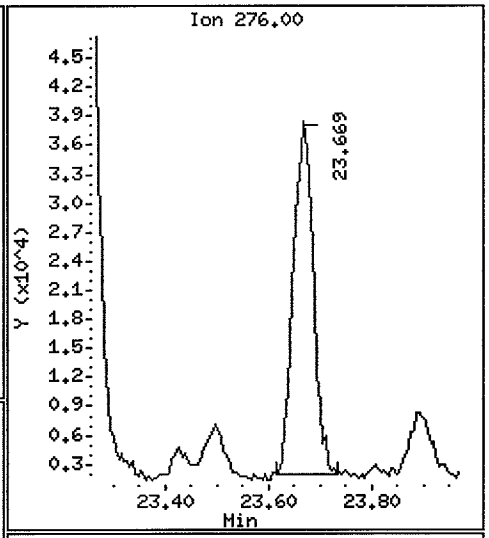
80 Benzo(g,h,i)perylene Concentration: 48.57 ug/kg

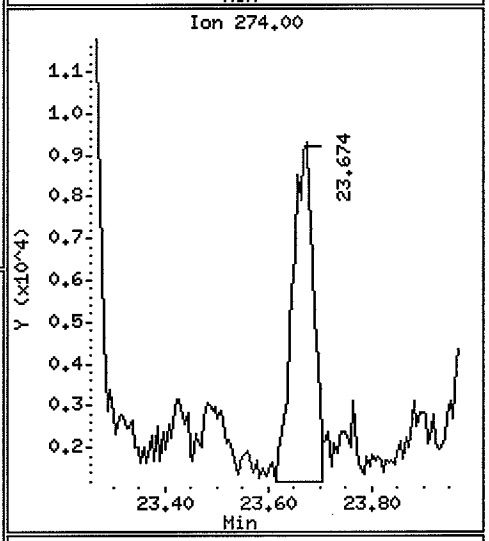


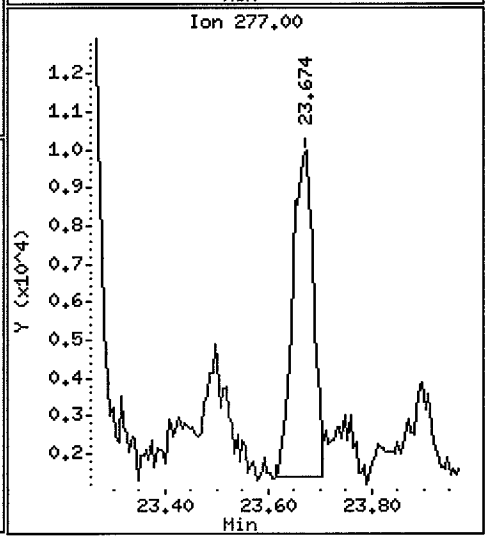












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

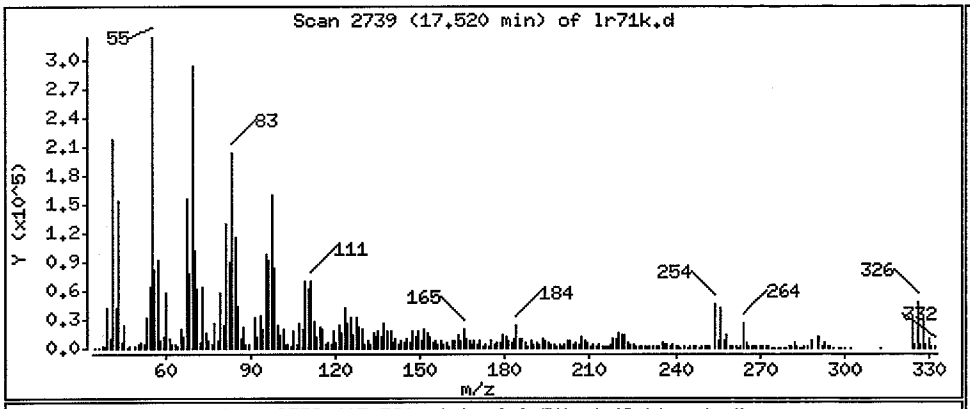
Operator: LJR/VTS

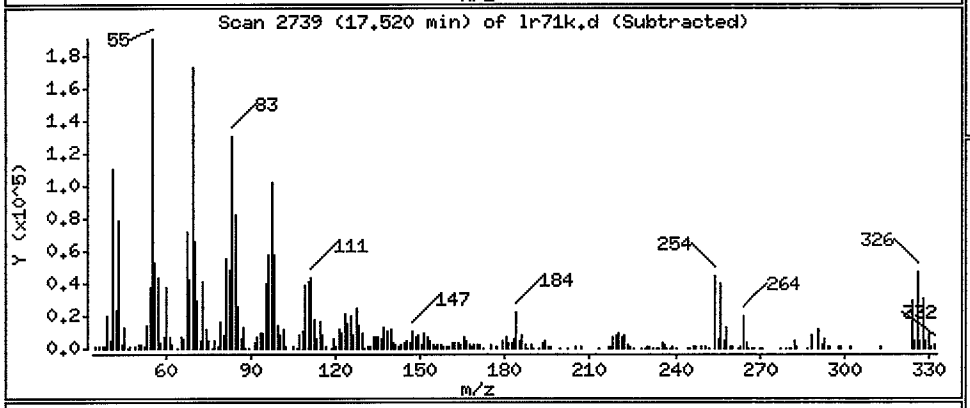
Column phase: ZB-5

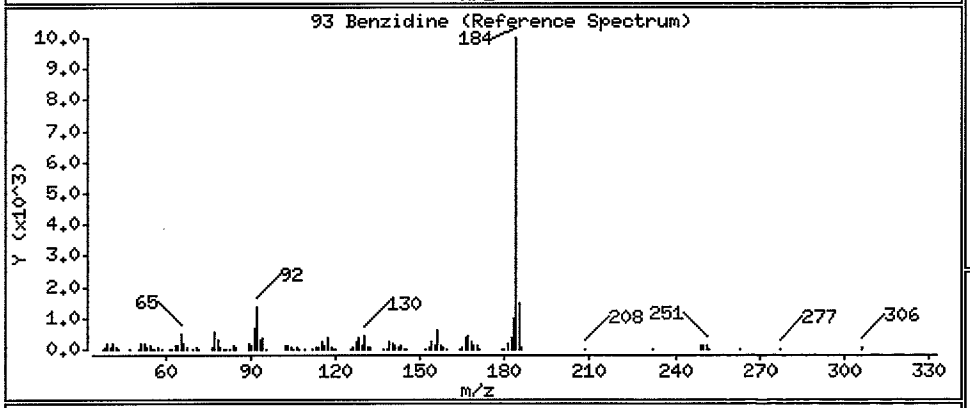
Column diameter: 0.32

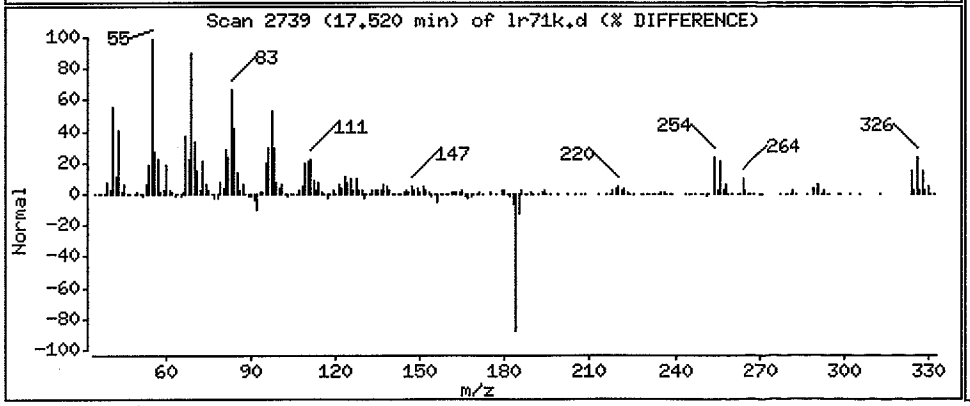
93 Benzidine

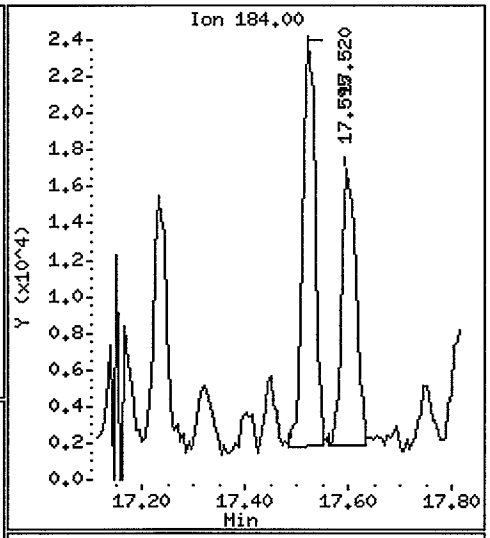
Concentration: 24.37 ug/kg

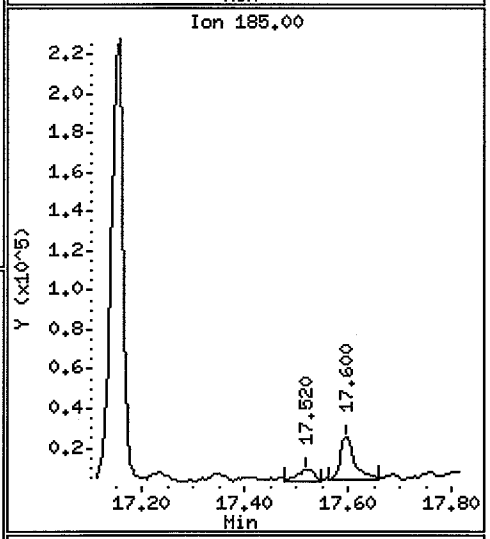


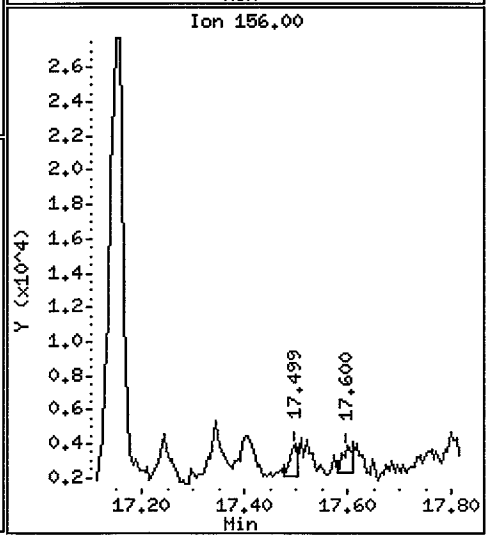












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

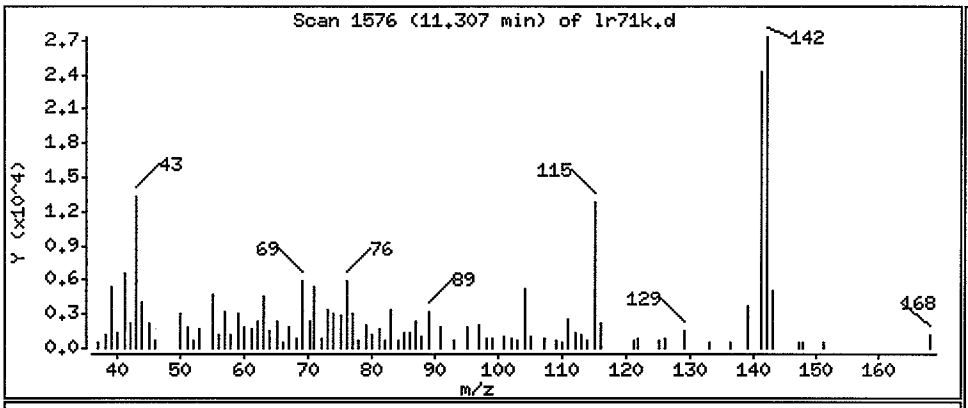
Operator: LJR/VTS

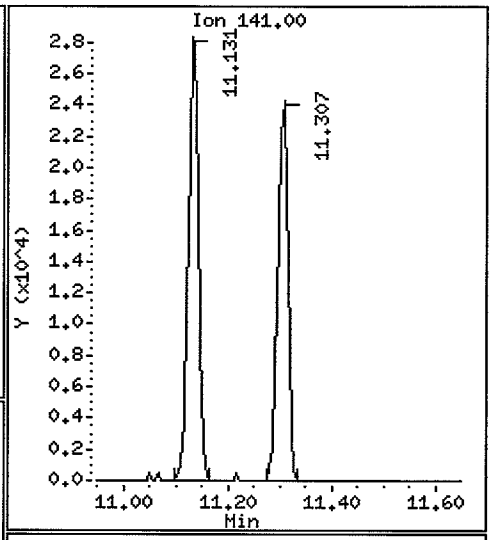
Column phase: ZB-5

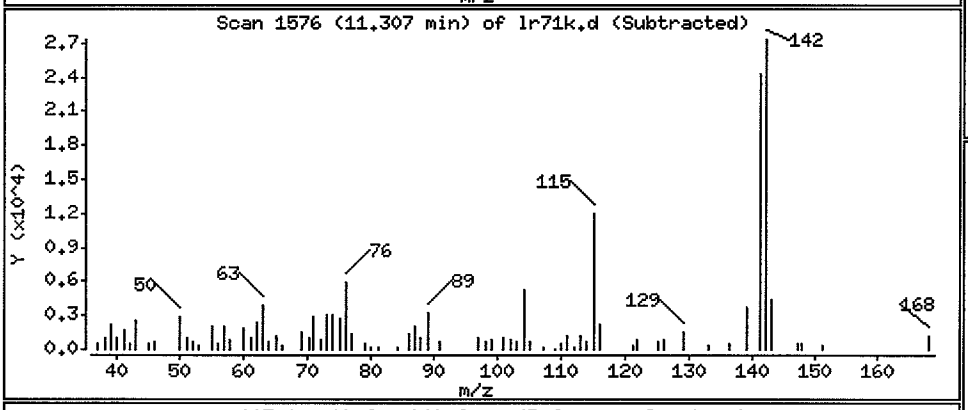
Column diameter: 0.32

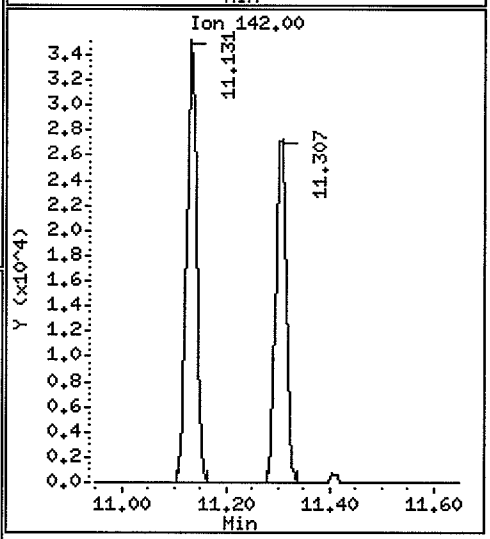
105 1-methylnaphthalene

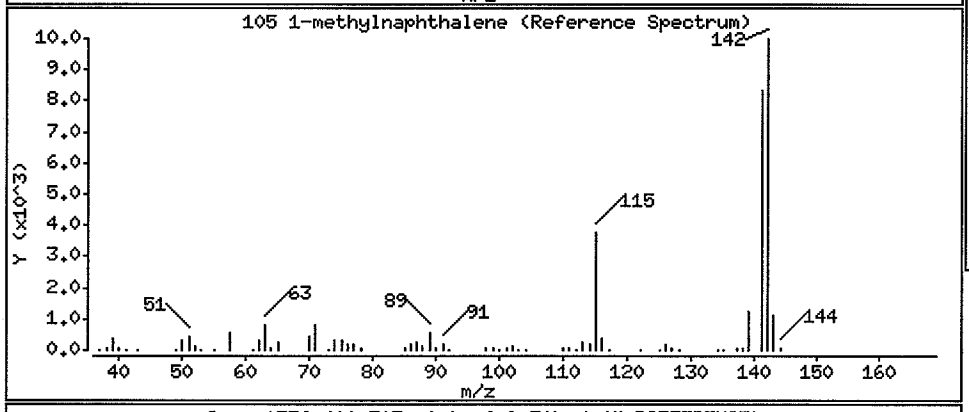
Concentration: 34.96 ug/kg

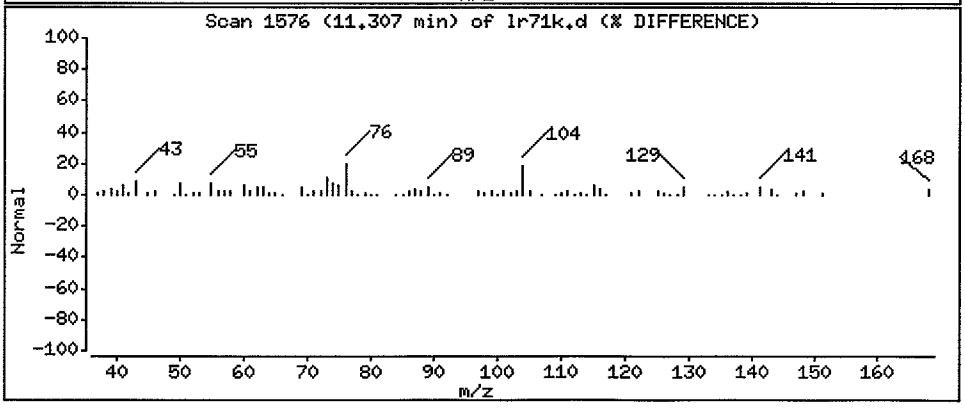




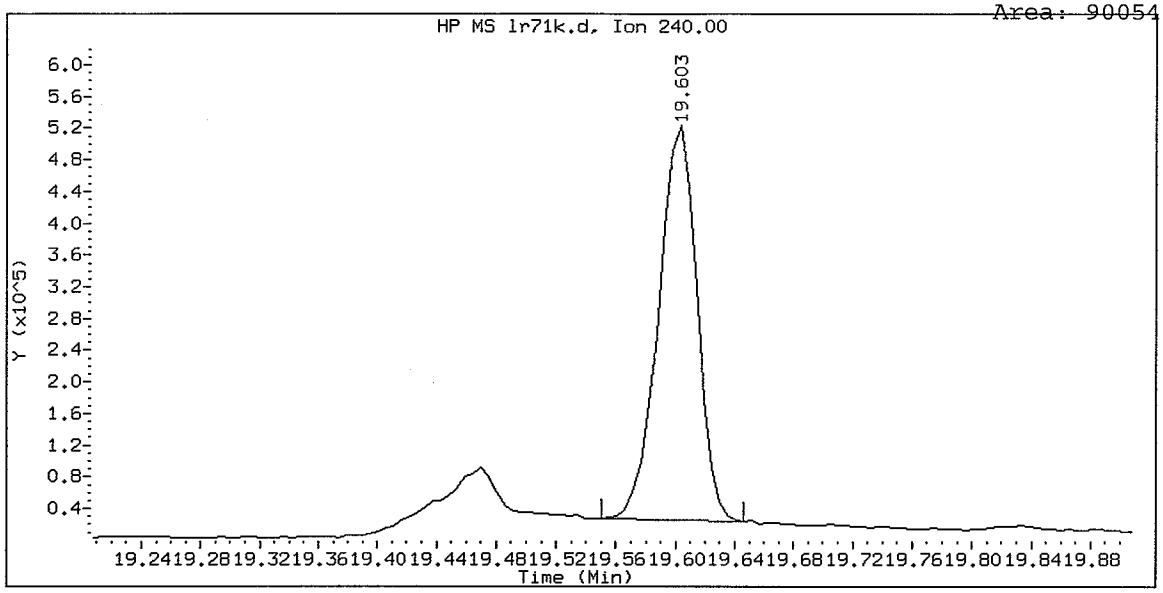


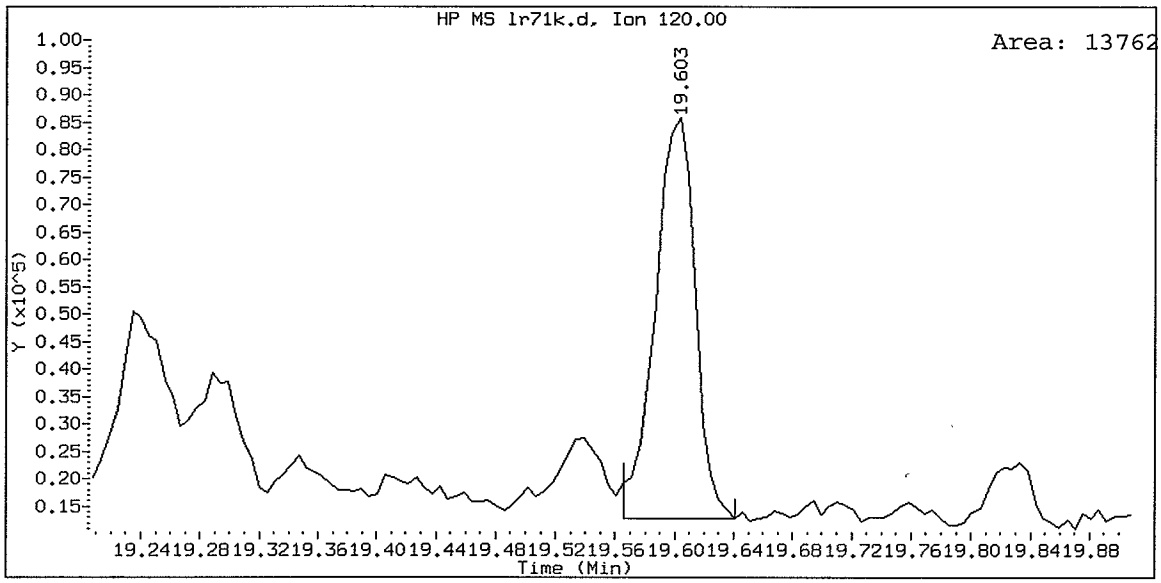


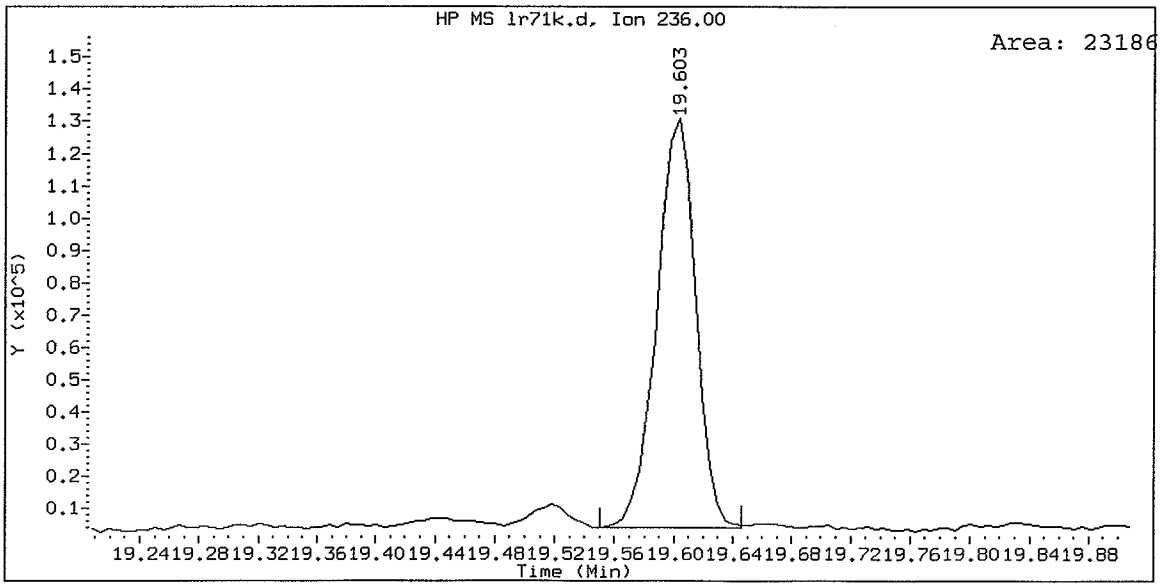




LR71K, /chem1/nt6.i/20071018.b/lr71k.d
Chrysene-d12 Amount: 20.00







Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71l.d
Lab Smp Id: LR71L Client Smp ID: AN-SS-09
Inj Date : 18-OCT-2007 21:25
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71L
Misc Info : 07-20777
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 15:32 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	76.00000	Weight of sample extracted (g)
M	34.10000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.965	5.917	(0.754)	326595	22.8001	455.2
$	2 Phenol-d5	99	7.509	7.488	(0.949)	363822	19.8827	397.0
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.610	7.600	(0.962)	246223	20.2033	403.4
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.910	7.904	(1.000)	194381	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	8.214	8.204	(1.038)	103636	11.3399	226.4
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

							CONCENTRATIONS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.684	8.674	(1.098)	7419	0.54350	10.85
$	18 Nitrobenzene-d5	82	8.850	8.845	(0.887)	250826	12.4644	248.9
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.972	9.961	(1.000)	626323	20.0000	
	28 Naphthalene	128	10.004	9.999	(1.003)	41585	1.07713	21.51
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	11.136	11.126	(1.117)	64340	3.31674	66.22
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.788	11.777	(0.917)	383516	12.3614	246.8
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	12.600	12.584	(0.980)	29311	0.71734	14.32
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.851	12.841	(1.000)	398480	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	12.904	12.894	(1.004)	25048	0.97127	19.39
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	13.166	13.156	(1.025)	50074	1.38594	27.67
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	13.722	13.711	(1.068)	34180	1.19773	23.91
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.155	14.139	(1.101)	94448	24.4298	487.8
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.239	15.223	(1.000)	717880	20.0000	
	60 Phenanthrene	178	15.271	15.261	(1.002)	226953	4.92737	98.38
	61 Anthracene	178	15.346	15.335	(1.007)	80428	1.74391	34.82
	62 Carbazole	167	15.640	15.624	(1.026)	36206	0.88256	17.62(M)
	63 Di-n-butylphthalate	149	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/kg)
	64 Fluoranthene	202	17.226	17.205	(1.130)	1200697	22.7955	455.1
	65 Pyrene	202	17.584	17.563	(0.898)	934553	15.1540	302.6
$	66 Terphenyl-d14	244	17.905	17.884	(0.914)	584103	15.1318	302.1
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	19.561	19.529	(0.999)	341054	5.06934	101.2
*	69 Chrysene-d12	240	19.587	19.556	(1.000)	858666	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	19.625	19.598	(1.002)	820513	13.5714	271.0
	72 bis(2-Ethylhexyl)phthalate	149	19.769	19.785	(0.953)	406807	10.7538	214.7(H)
*	134 Di-n-octylphthalate-d4	153	20.752	20.720	(1.000)	1251061	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	21.233	21.190	(0.976)	373547	9.72909	194.3
	75 Benzo(k)fluoranthene	252	21.254	21.228	(0.977)	237776	5.85430	116.9(M)
	76 Benzo(a)pyrene	252	21.676	21.639	(0.996)	145789	4.13635	82.59
*	77 Perylene-d12	264	21.756	21.719	(1.000)	534676	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	23.252	23.215	(1.069)	39919	0.95500	19.07
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	23.653	23.616	(1.087)	27055	0.64725	12.92
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	11.307	11.297	(1.134)	41204	2.12997	42.53
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71l.d
Lab Smp Id: LR71L
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20777

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-09
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	194381	-8.34
27 Naphthalene-d8	656578	328289	1313156	626323	-4.61
42 Acenaphthene-d10	353705	176852	707410	398480	12.66
59 Phenanthrene-d10	526440	263220	1052880	717880	36.37
69 Chrysene-d12	581923	290962	1163846	858666	47.56
134 Di-n-octylphthala	979097	489548	1958194	1251061	27.78
77 Perylene-d12	686531	343266	1373062	534676	-22.12

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.06
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.11
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.08
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.10
69 Chrysene-d12	19.56	19.06	20.06	19.59	0.16
134 Di-n-octylphthala	20.72	20.22	21.22	20.75	0.15
77 Perylene-d12	21.72	21.22	22.22	21.76	0.17

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

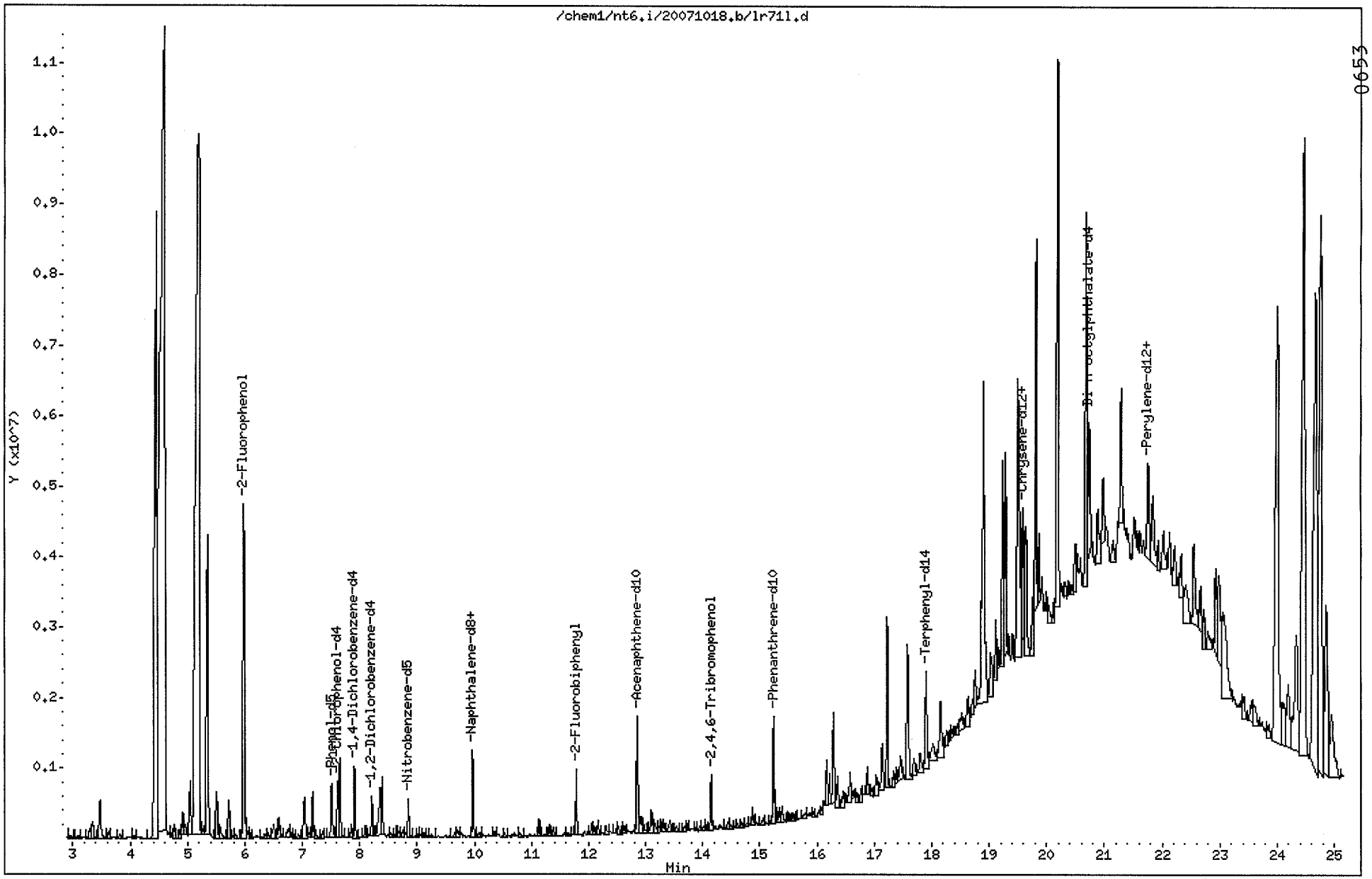
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71L
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20777

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-09
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	748.7	455.2	60.80	11-84
$ 2 Phenol-d5	748.7	397.0	53.02	25-86
$ 5 2-Chlorophenol-d4	748.7	403.4	53.88	23-91
$ 10 1,2-Dichlorobenzen	499.2	226.4	45.36	24-90
$ 18 Nitrobenzene-d5	499.2	248.9	49.86	26-88
$ 36 2-Fluorobiphenyl	499.2	246.8	49.45	34-91
$ 55 2,4,6-Tribromophen	748.7	487.8	65.15	25-107
$ 66 Terphenyl-d14	499.2	302.1	60.53	22-100

Data File: /chem1/nt6.i/20071018.b/lr711.d
Date : 18-OCT-2007 21:25
Client ID: AN-SS-09
Sample Info: LR71L
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

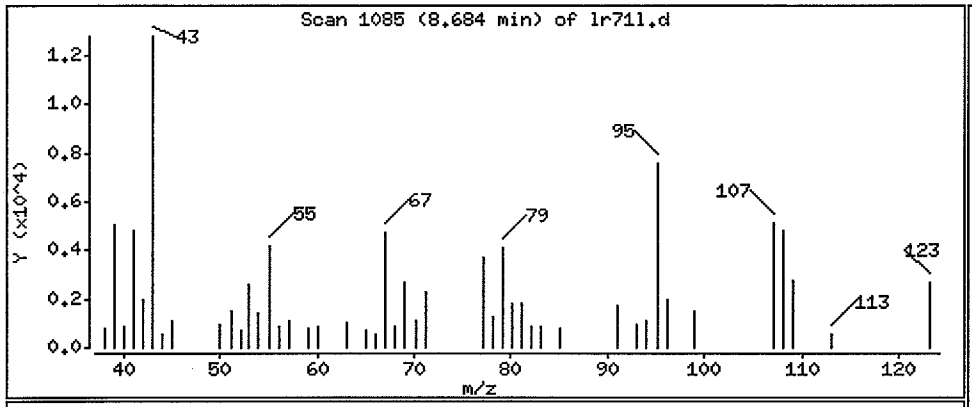
Client ID: AN-SS-09 Instrument: nt6.i

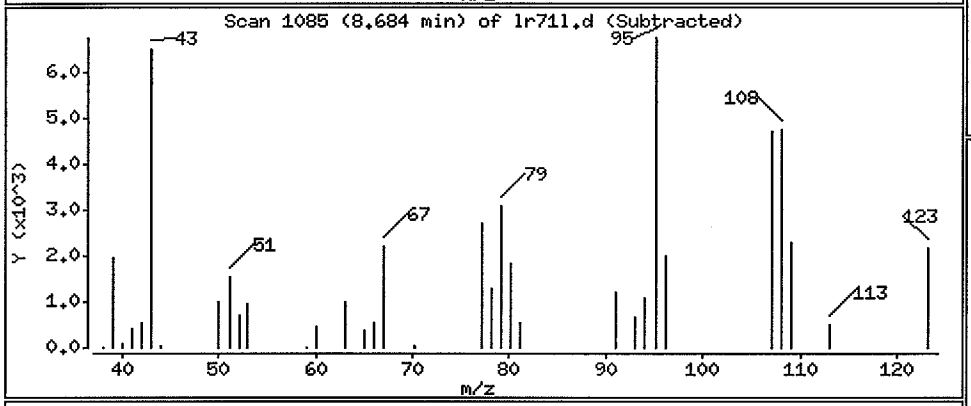
Sample Info: LR71L

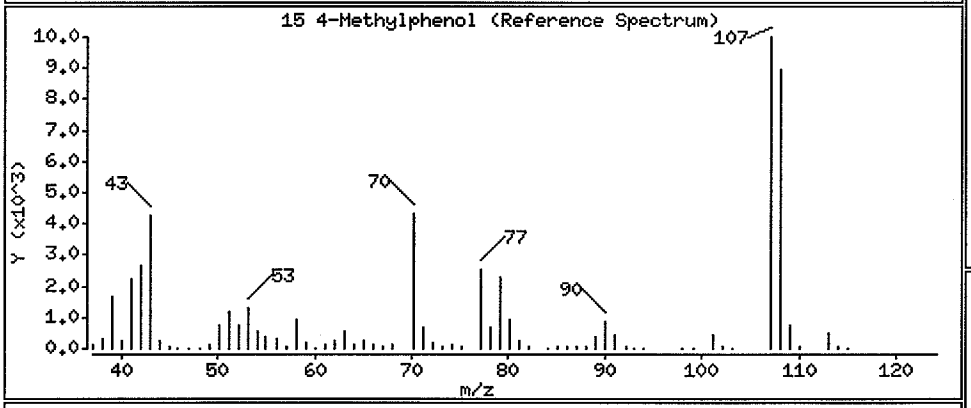
Volume Injected (uL): 1.0 Operator: LJR/VTS

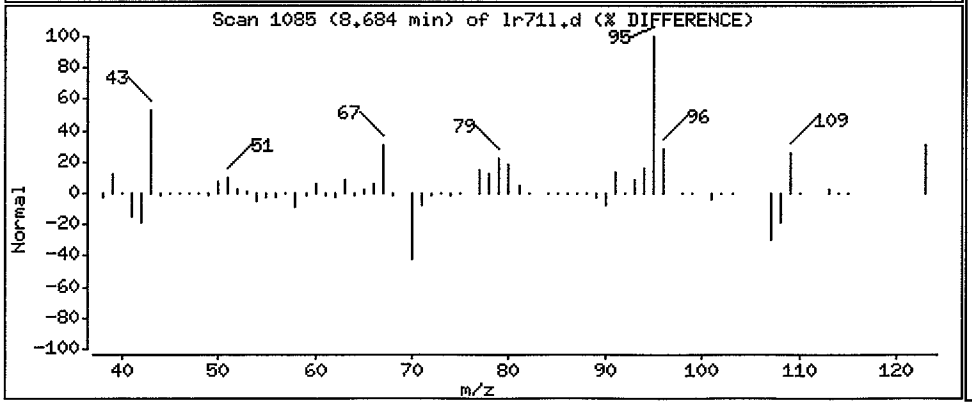
Column phase: ZB-5 Column diameter: 0.32

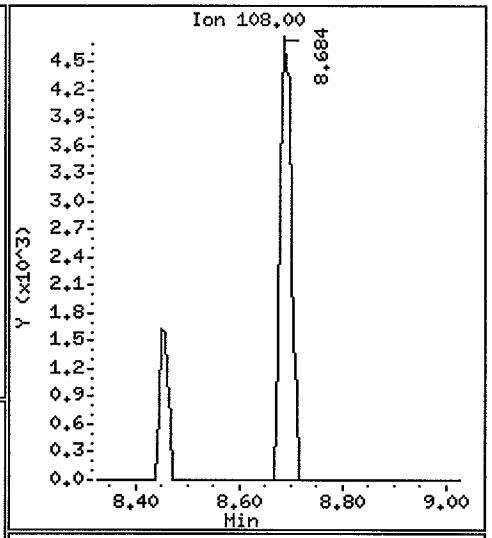
15 4-Methylphenol Concentration: 10.85 ug/kg

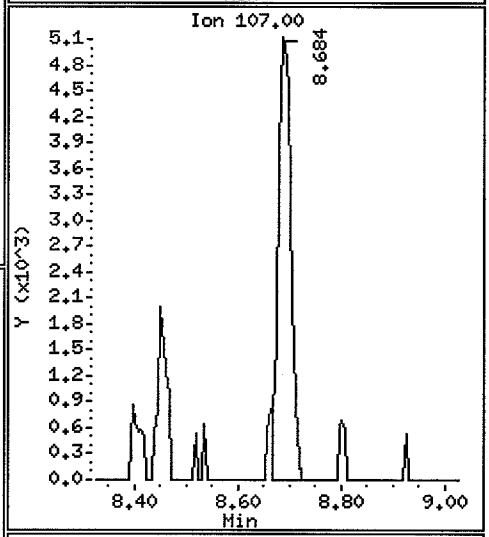


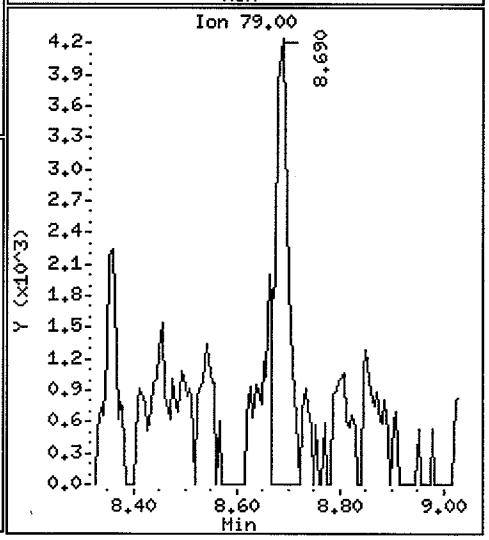












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

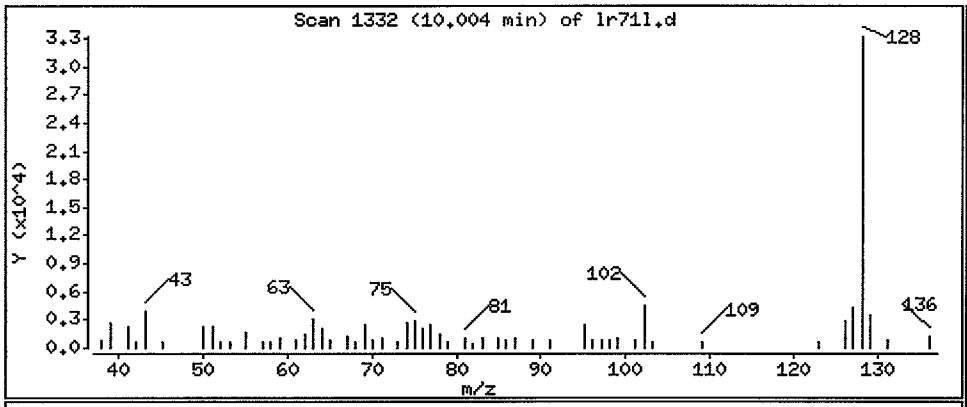
Operator: LJR/VTS

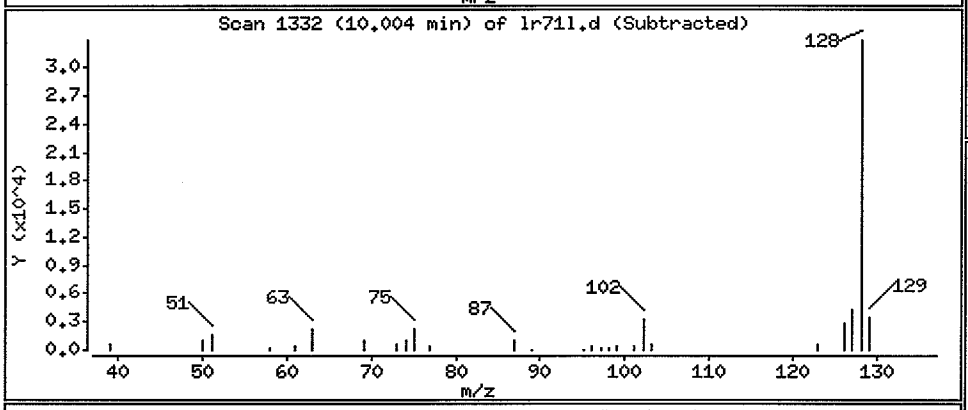
Column phase: ZB-5

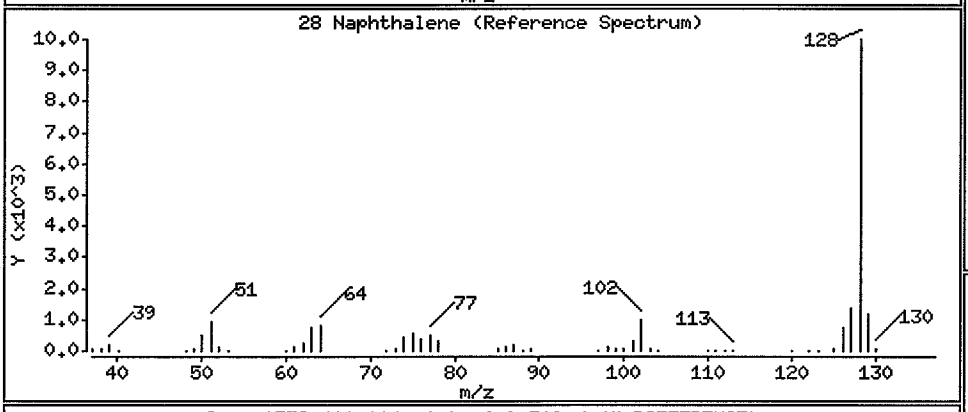
Column diameter: 0.32

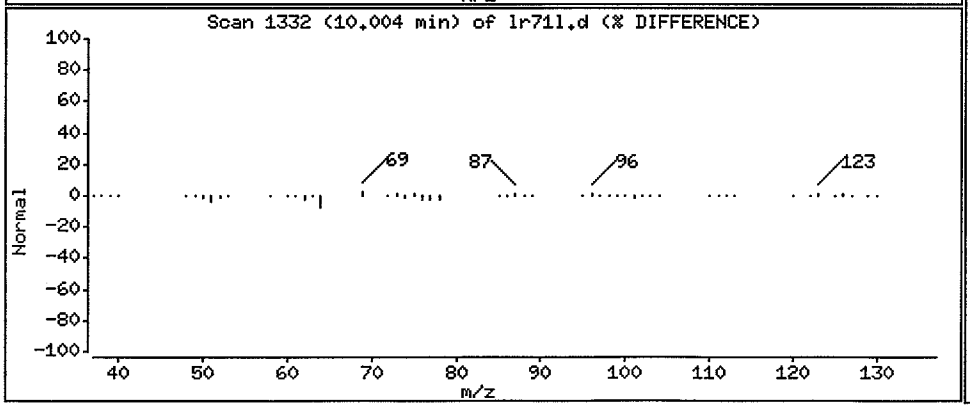
28 Naphthalene

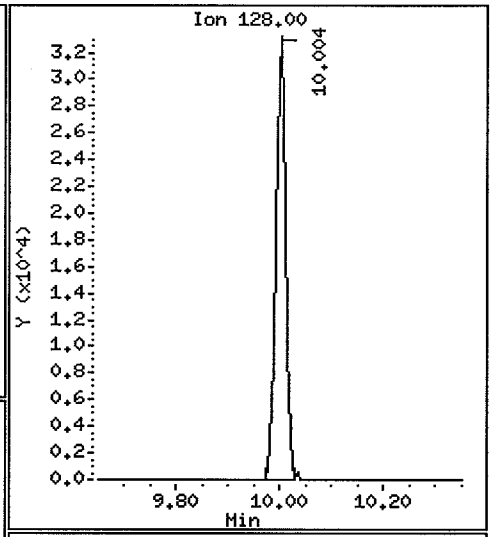
Concentration: 21.51 ug/kg

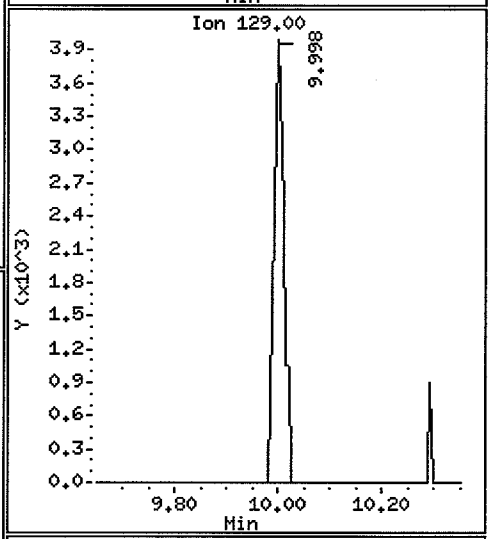


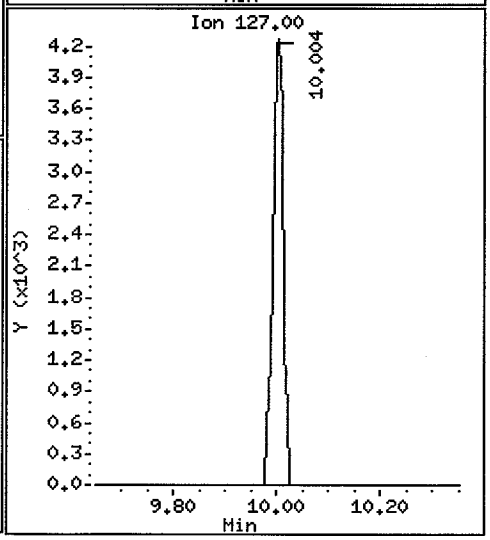












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

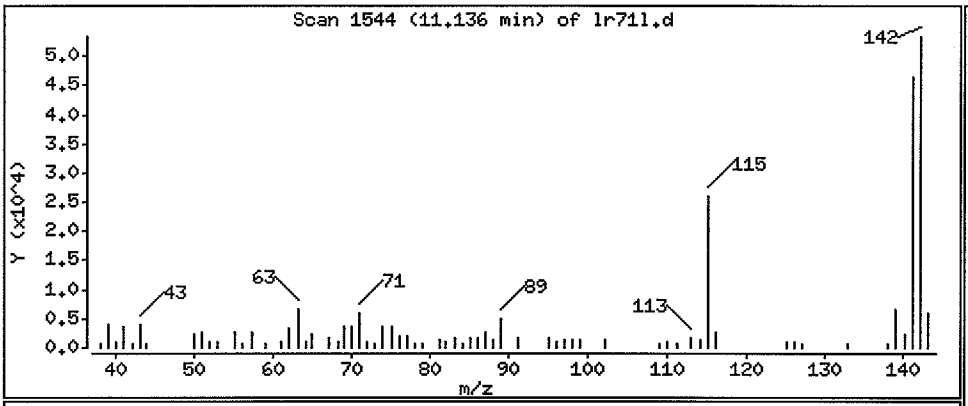
Client ID: AN-SS-09 Instrument: nt6.i

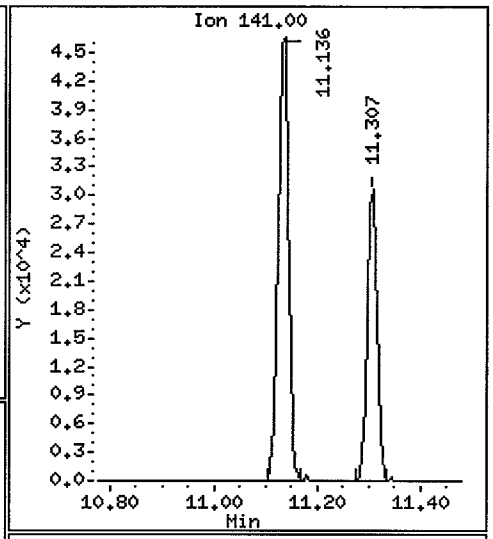
Sample Info: LR71L

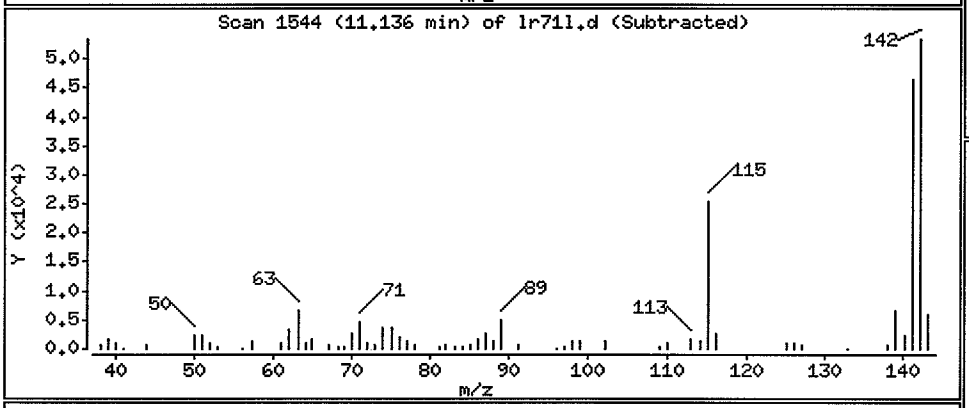
Volume Injected (uL): 1.0 Operator: LJR/VTS

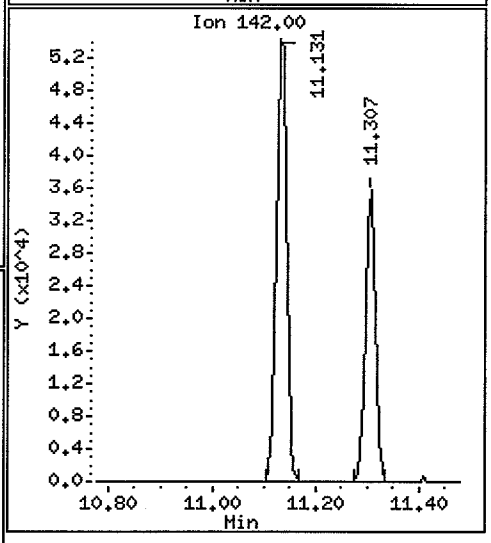
Column phase: ZB-5 Column diameter: 0.32

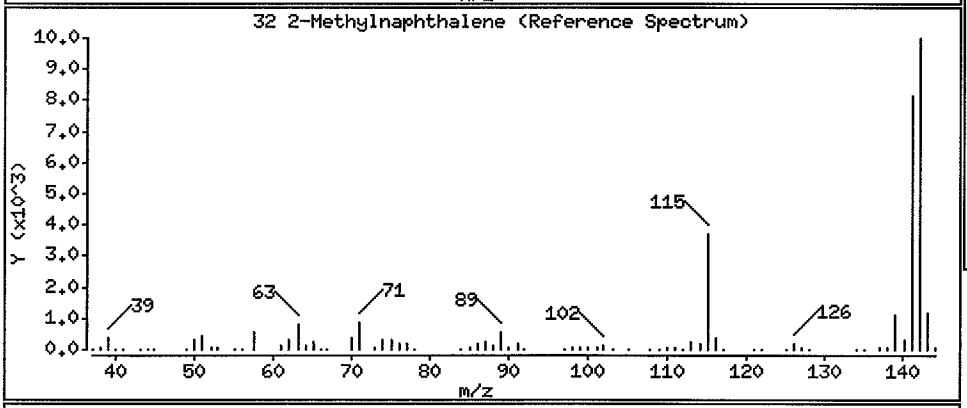
32 2-Methylnaphthalene Concentration: 66.22 ug/kg

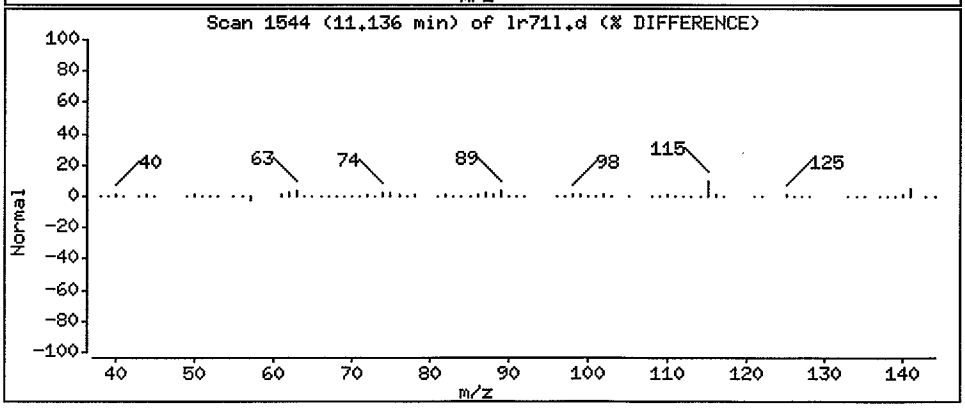












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

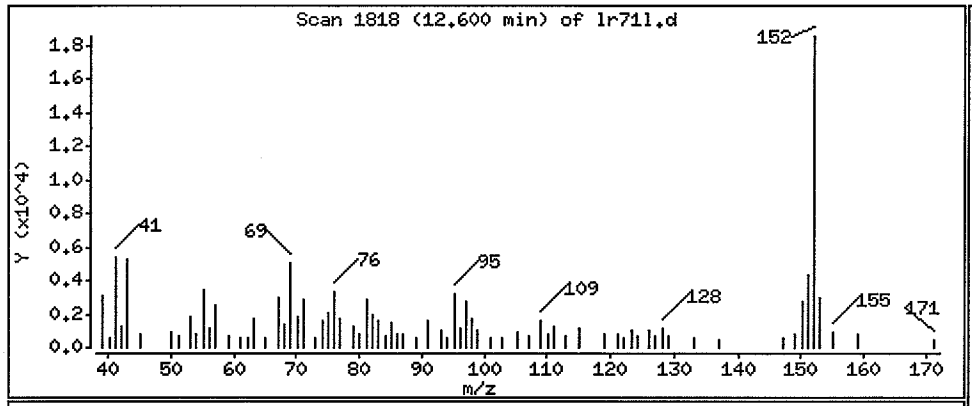
Operator: LJR/VTS

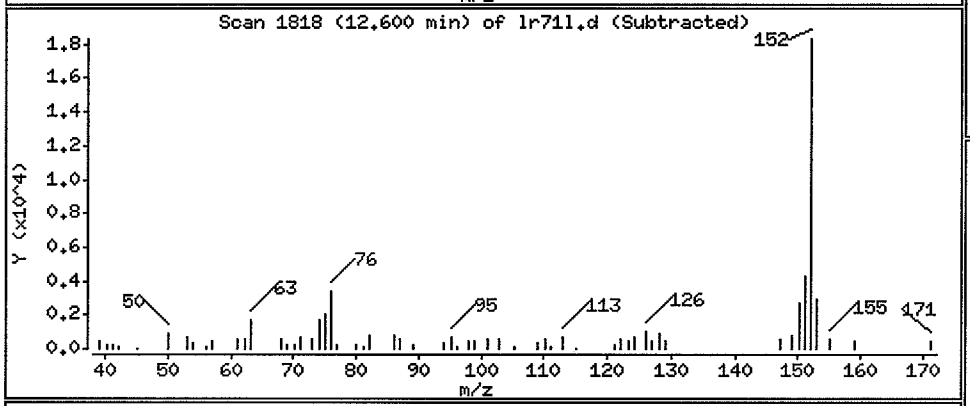
Column phase: ZB-5

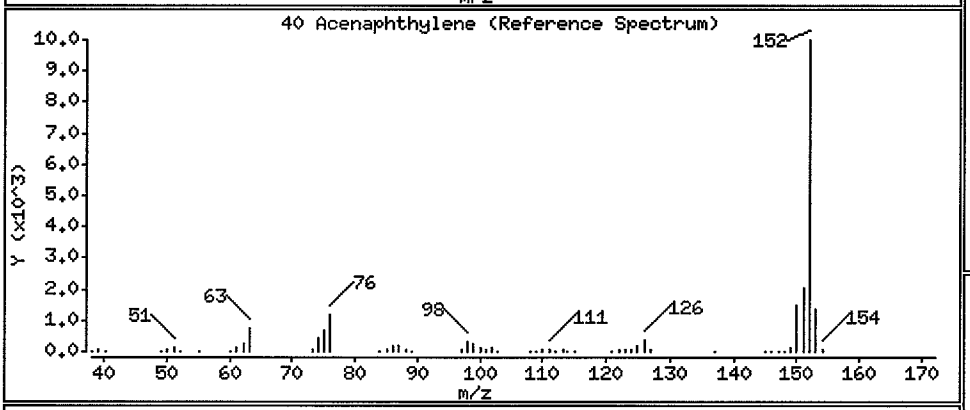
Column diameter: 0.32

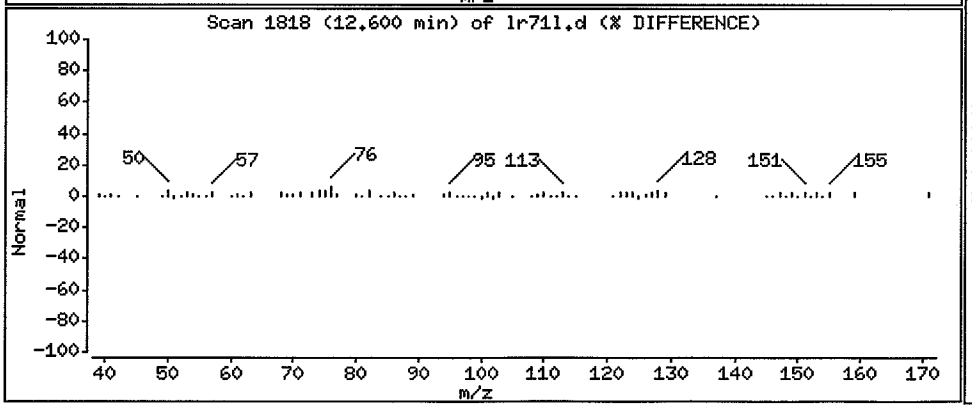
40 Acenaphthylene

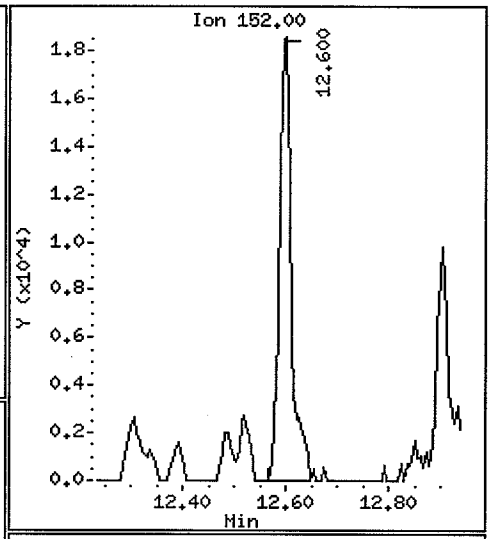
Concentration: 14.32 ug/kg

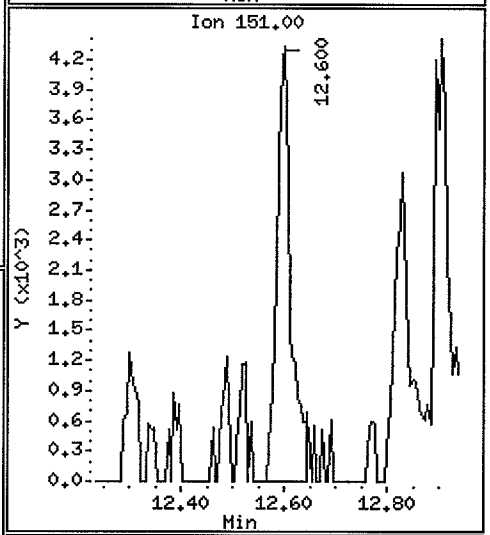


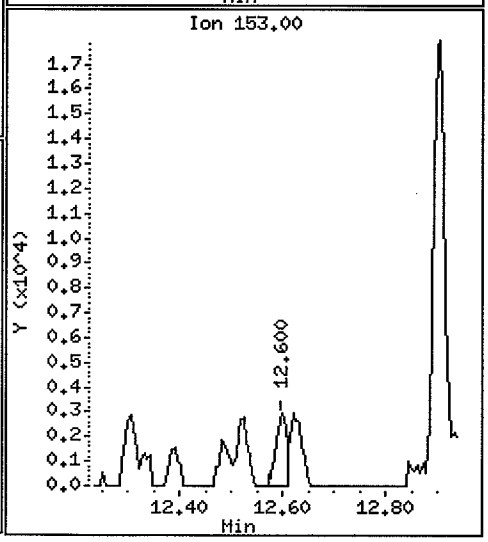












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

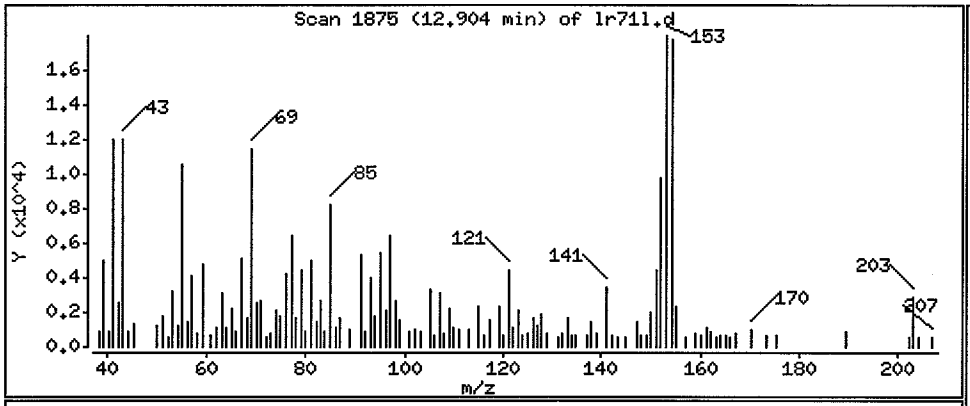
Operator: LJR/VTS

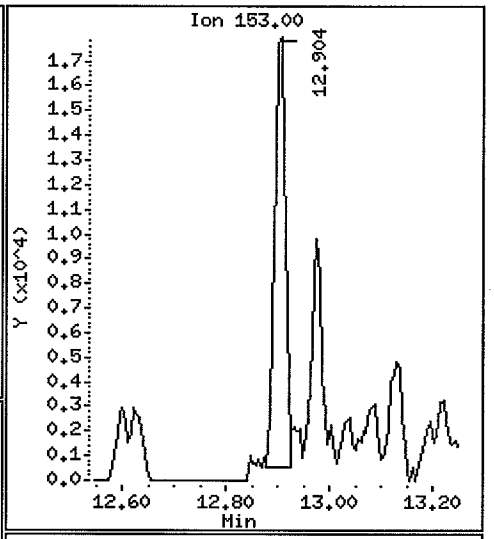
Column phase: ZB-5

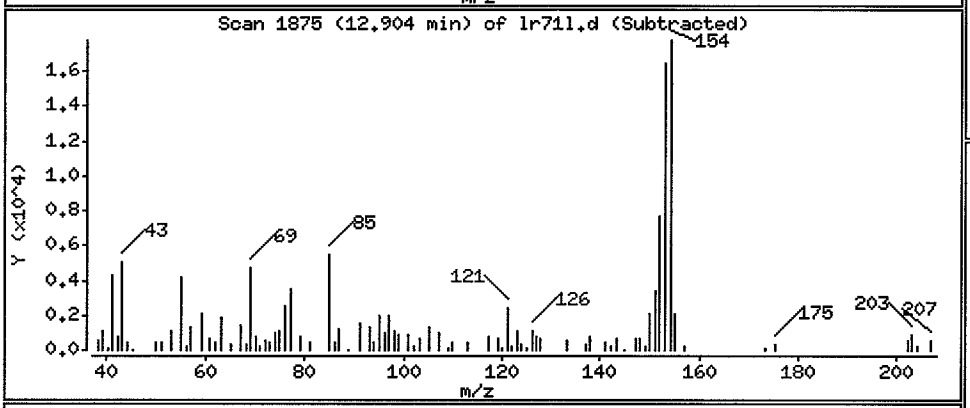
Column diameter: 0.32

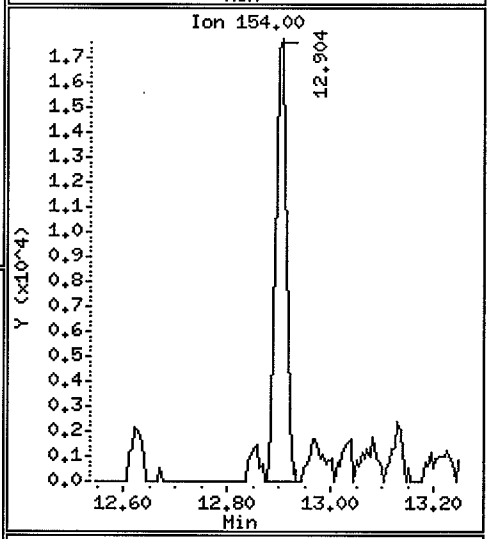
44 Acenaphthene

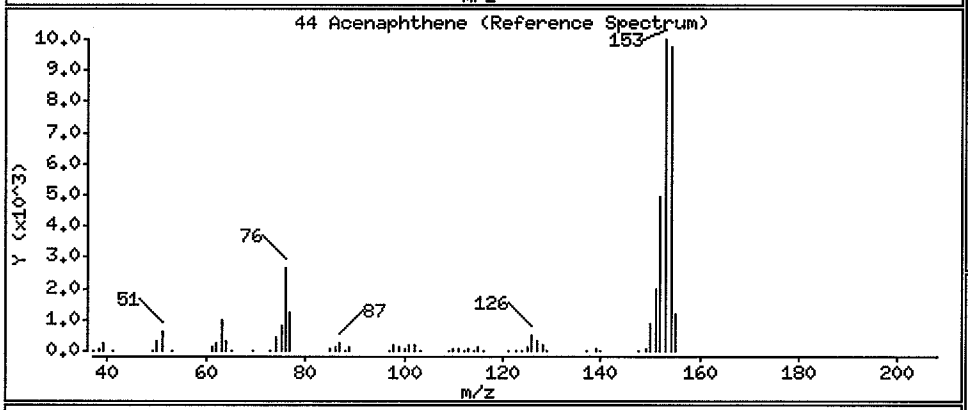
Concentration: 19.39 ug/kg

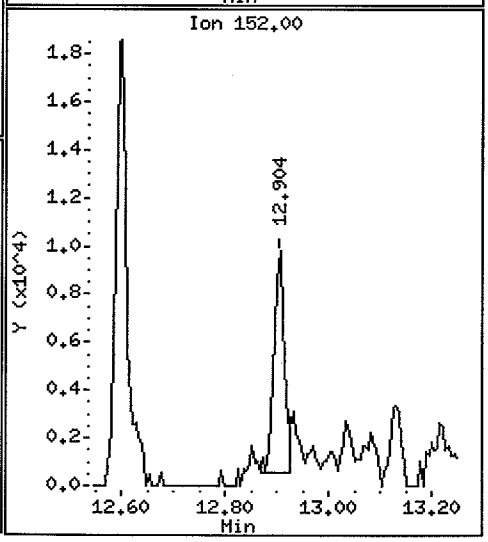


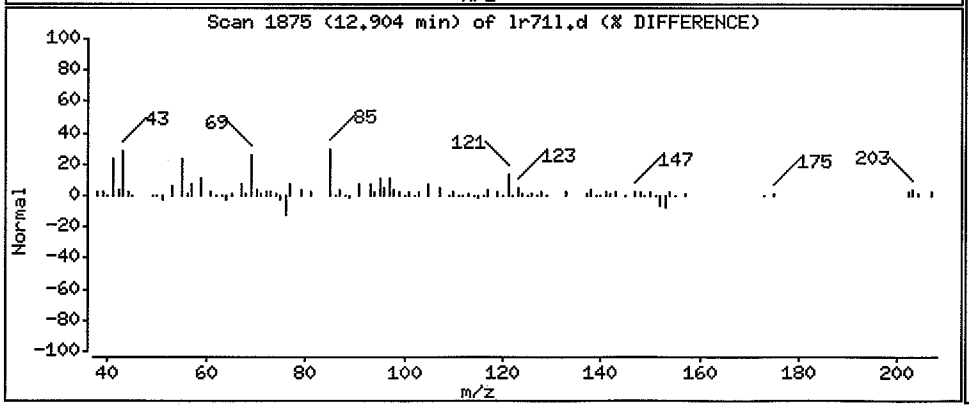












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

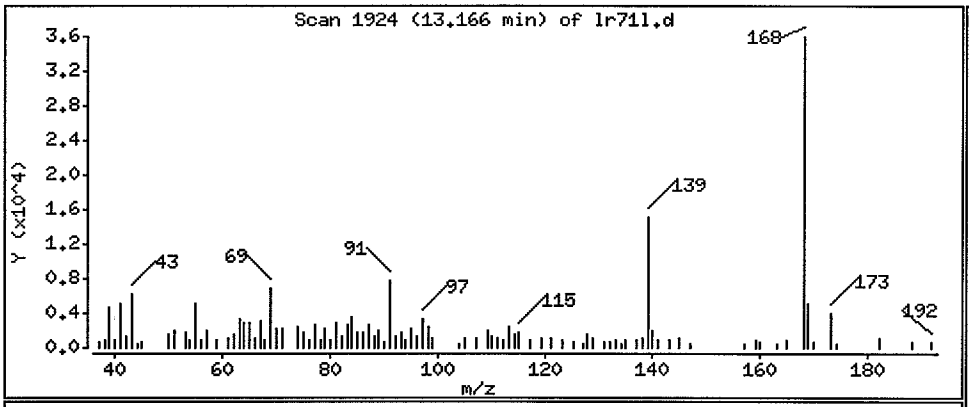
Operator: LJR/VTS

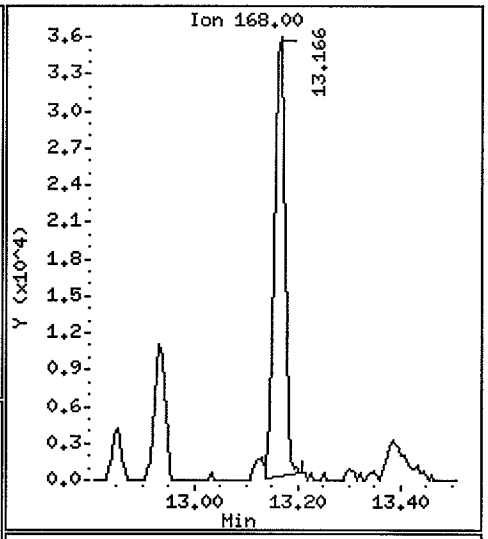
Column phase: ZB-5

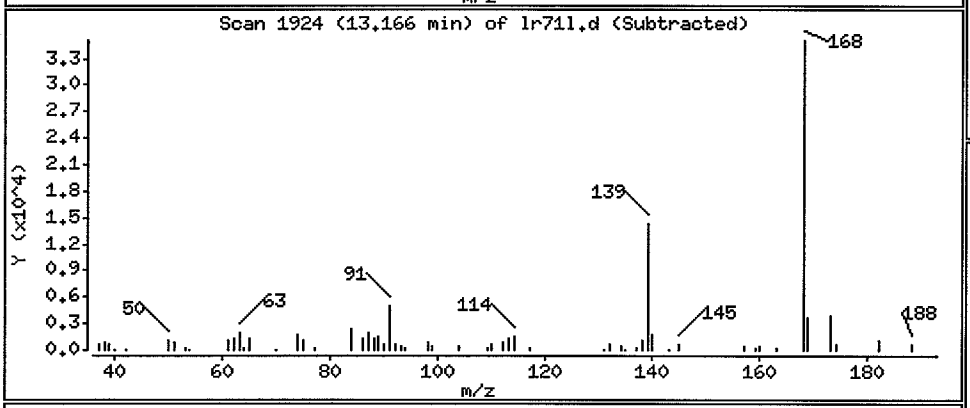
Column diameter: 0.32

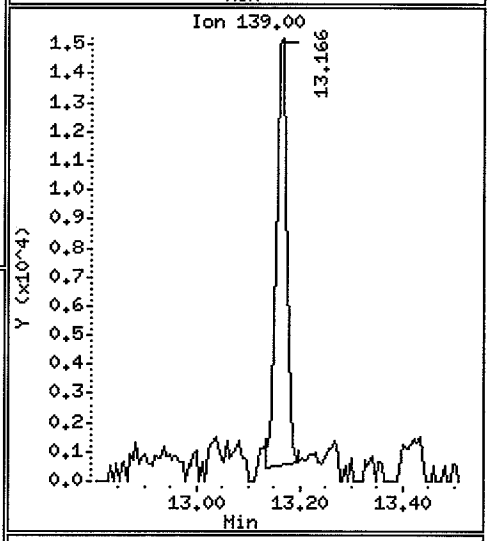
46 Dibenzofuran

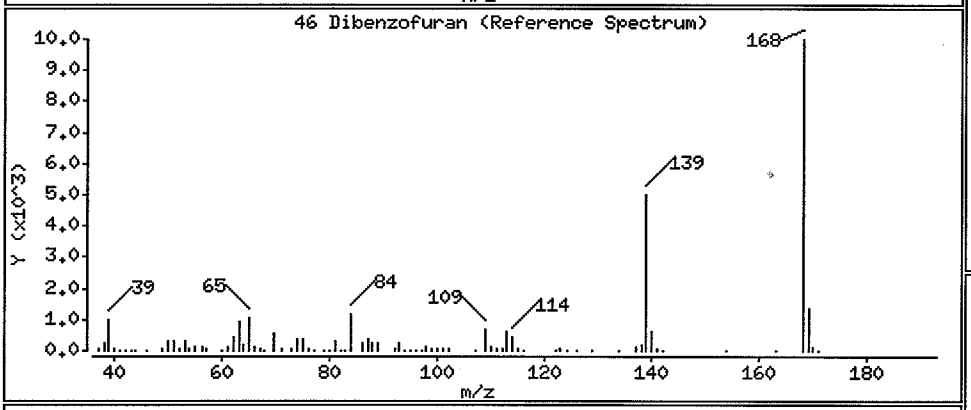
Concentration: 27.67 ug/kg

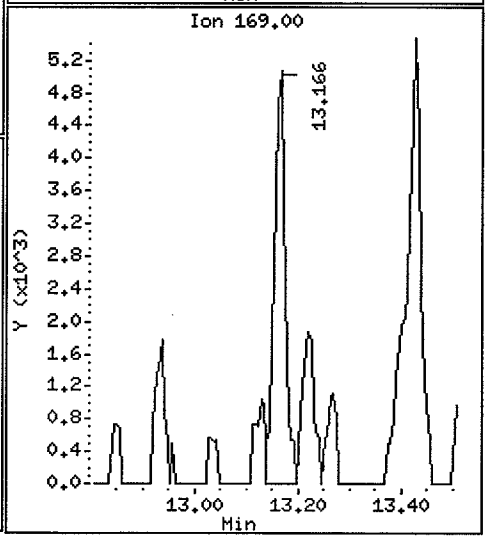


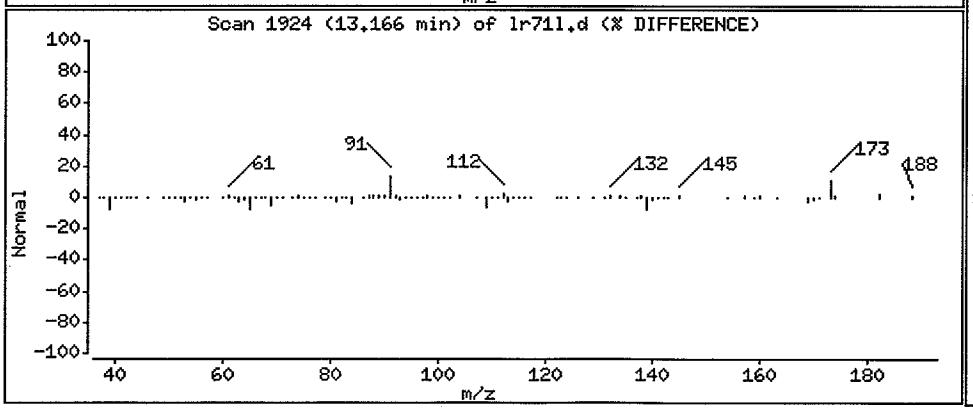












Data File: /chem1/nt6.i/20071018.b/lr71l.d

Date : 18-OCT-2007 21:25

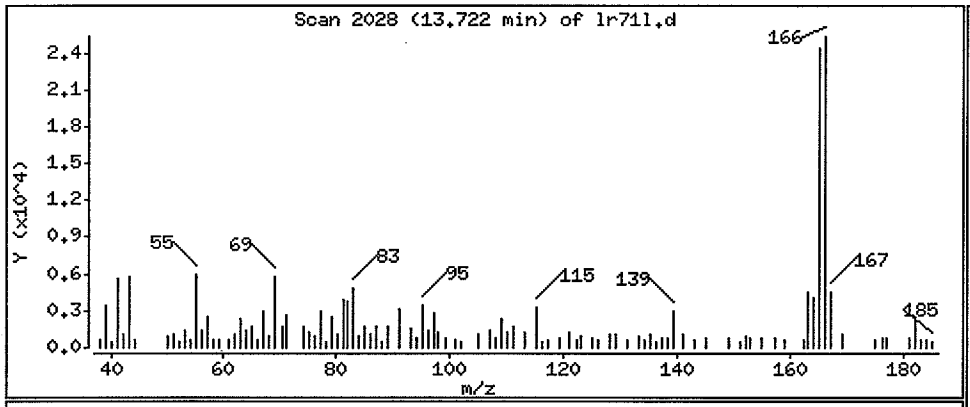
Client ID: AN-SS-09 Instrument: nt6.i

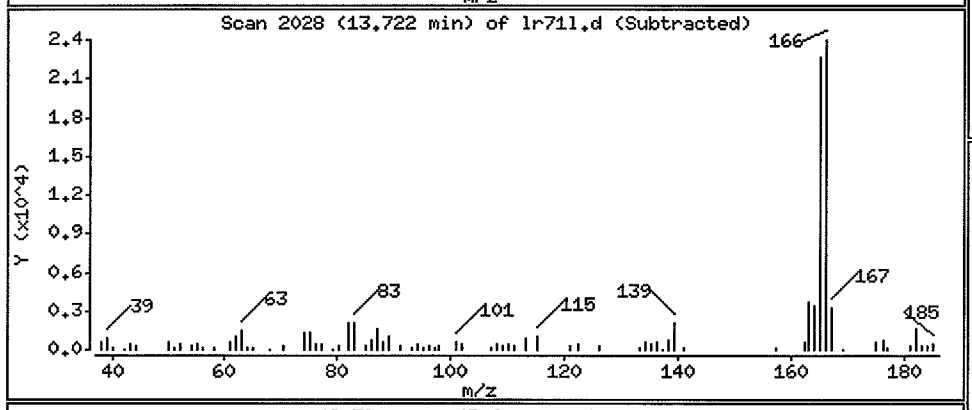
Sample Info: LR71L

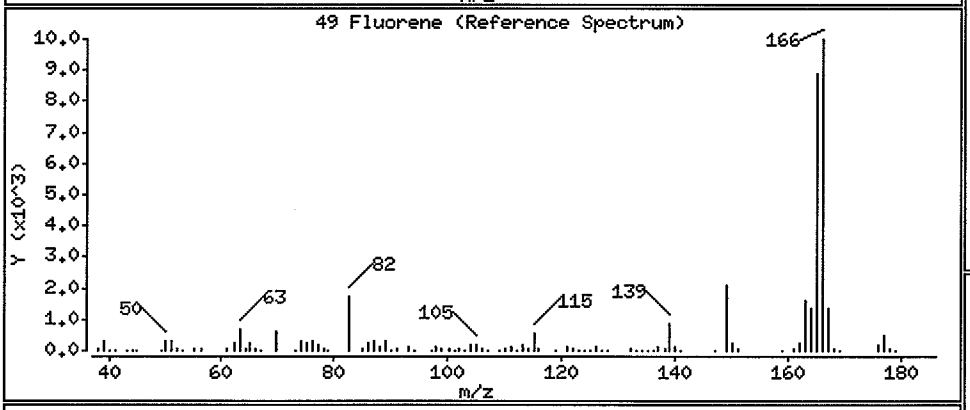
Volume Injected (uL): 1.0 Operator: LJR/VTS

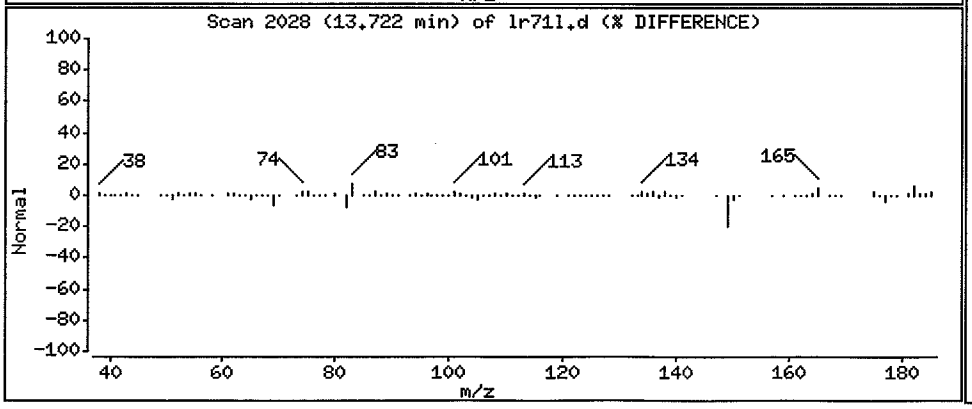
Column phase: ZB-5 Column diameter: 0.32

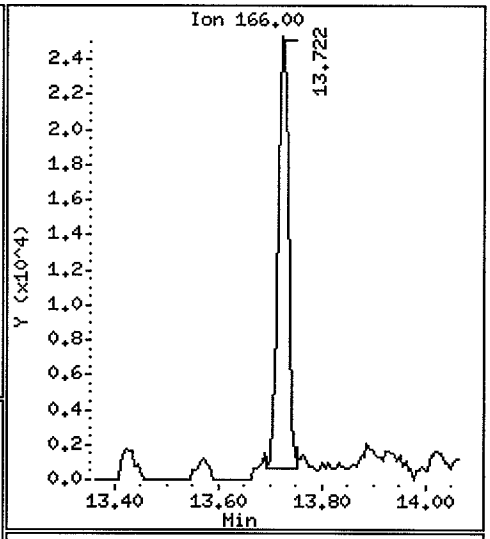
49 Fluorene Concentration: 23.91 ug/kg

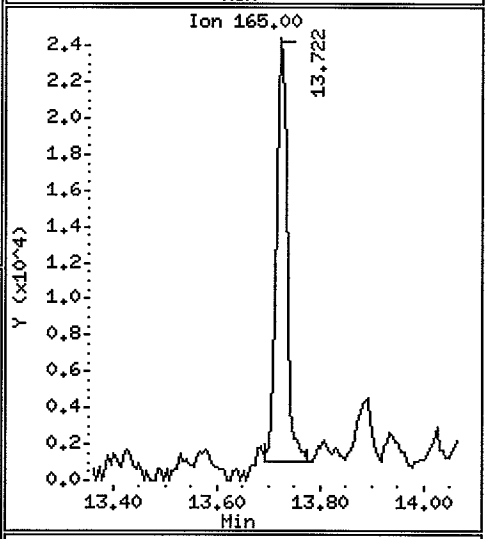


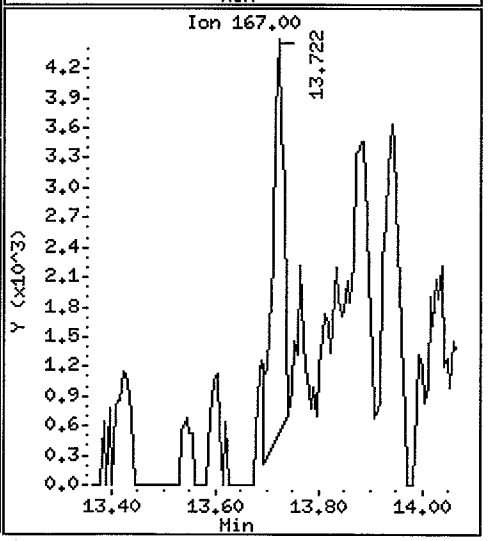












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

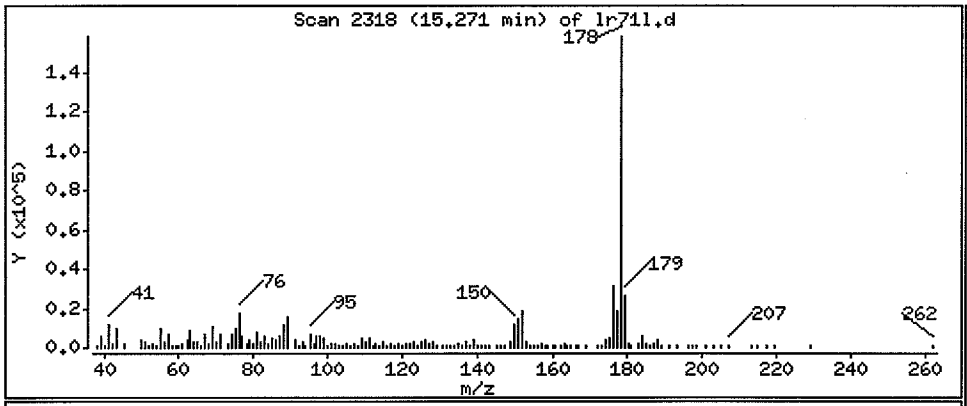
Client ID: AN-SS-09 Instrument: nt6.i

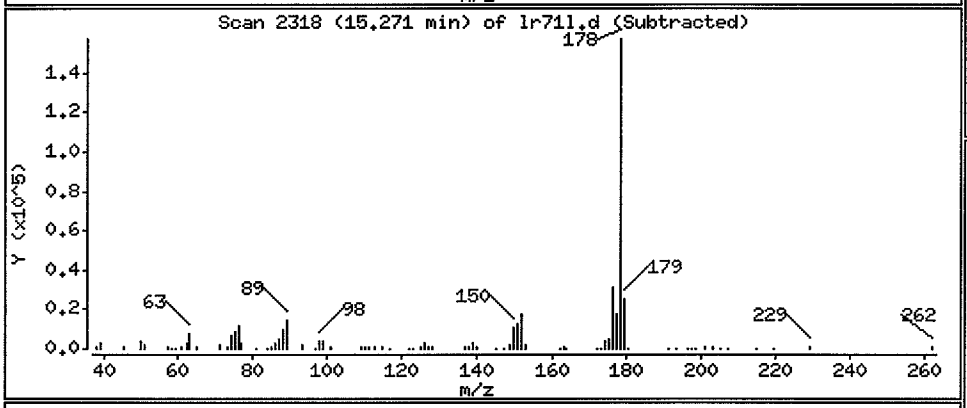
Sample Info: LR71L

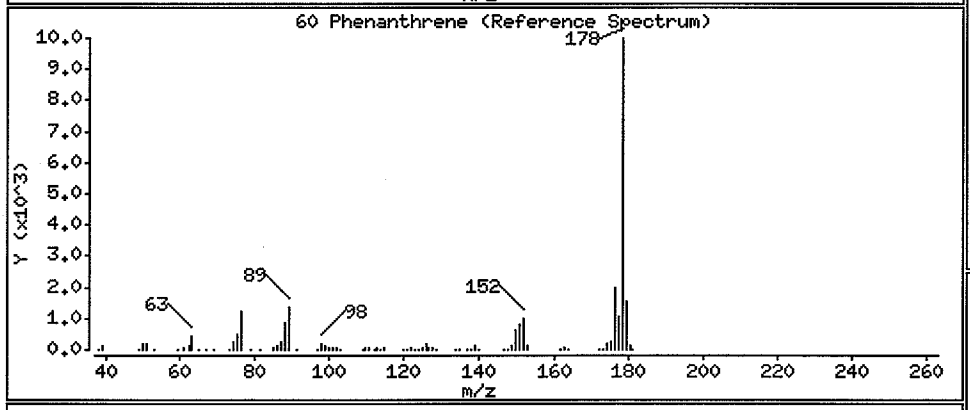
Volume Injected (uL): 1.0 Operator: LJR/VTS

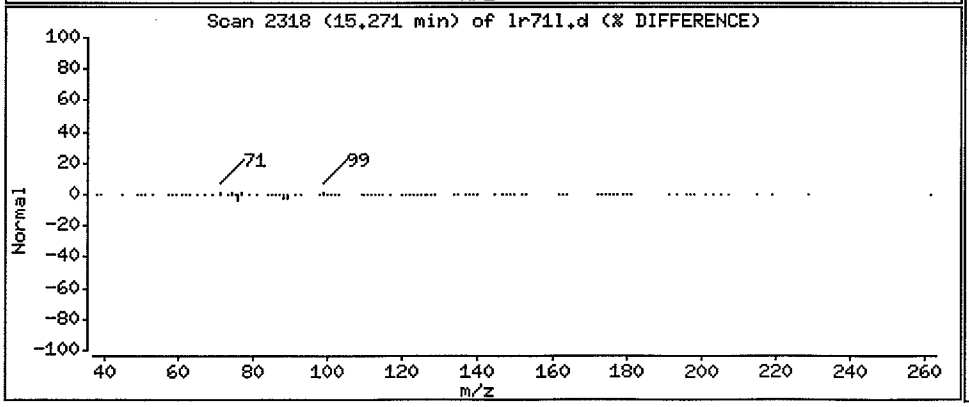
Column phase: ZB-5 Column diameter: 0.32

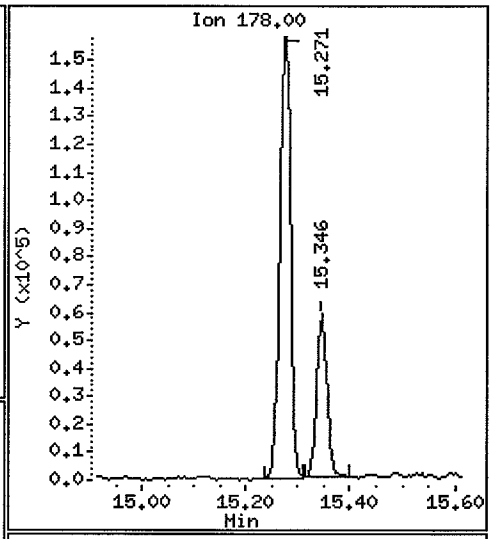
60 Phenanthrene Concentration: 98.38 ug/kg

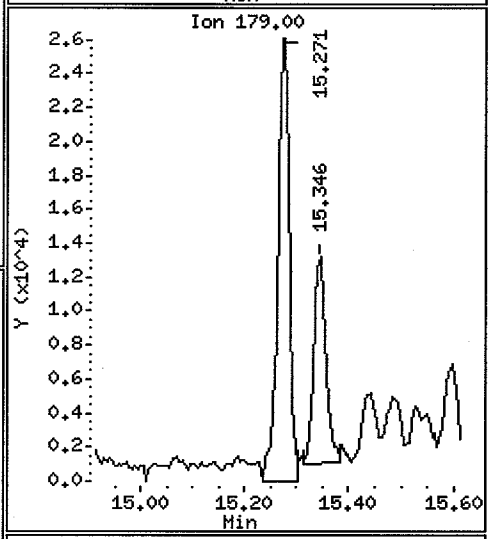


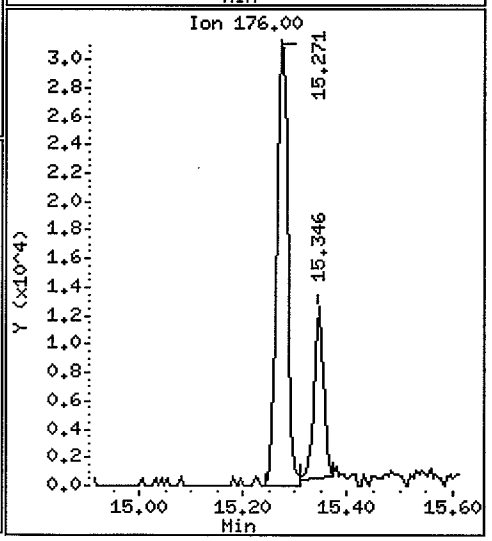












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

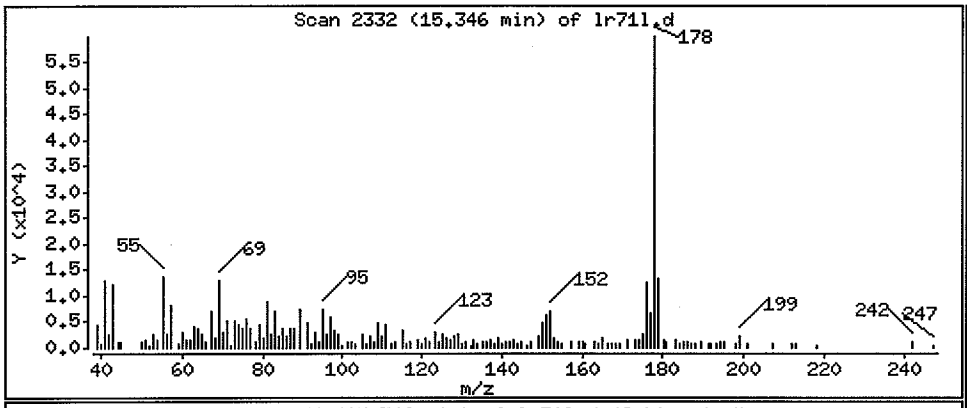
Operator: LJR/VTS

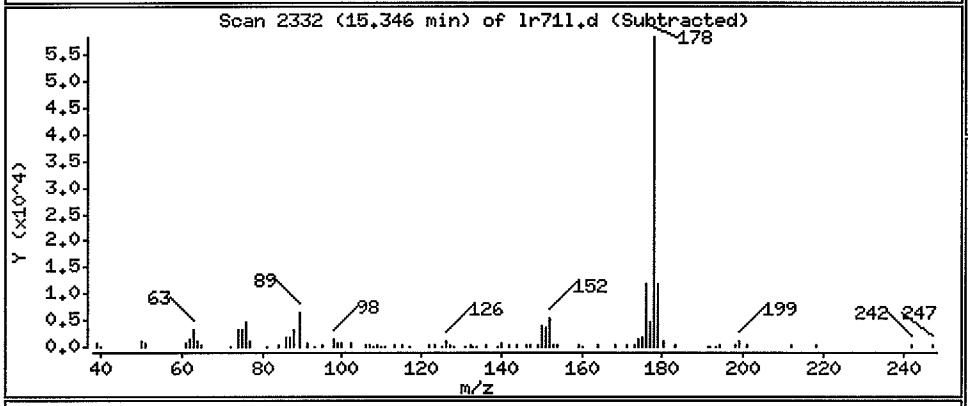
Column phase: ZB-5

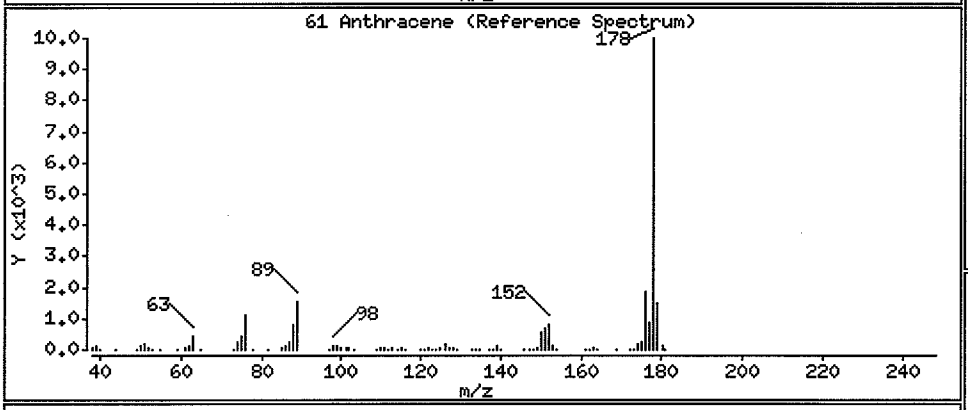
Column diameter: 0.32

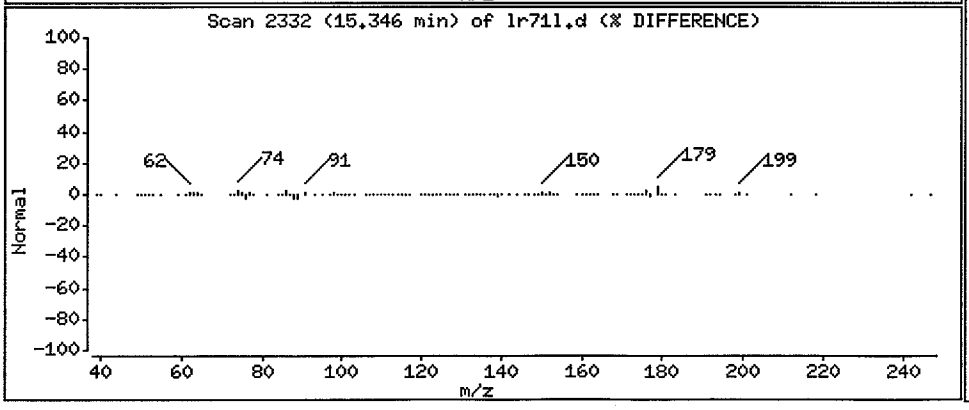
61 Anthracene

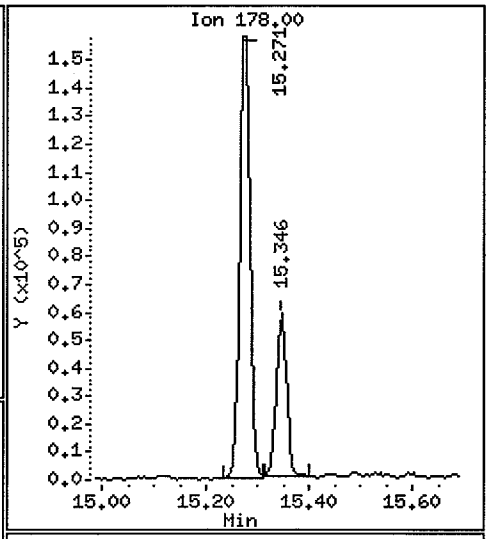
Concentration: 34.82 ug/kg

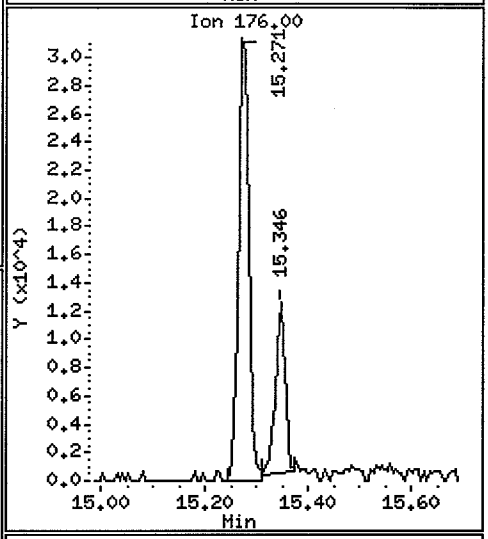


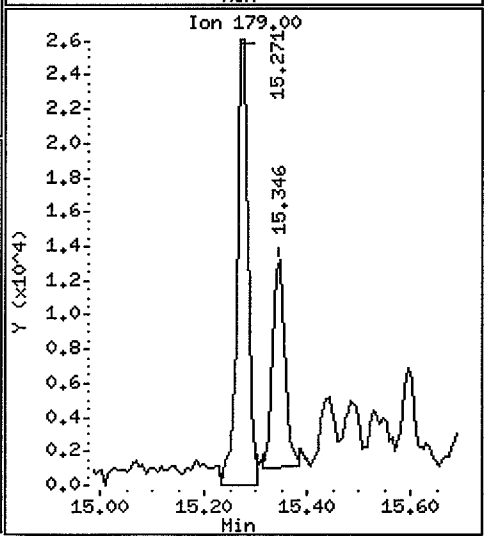












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

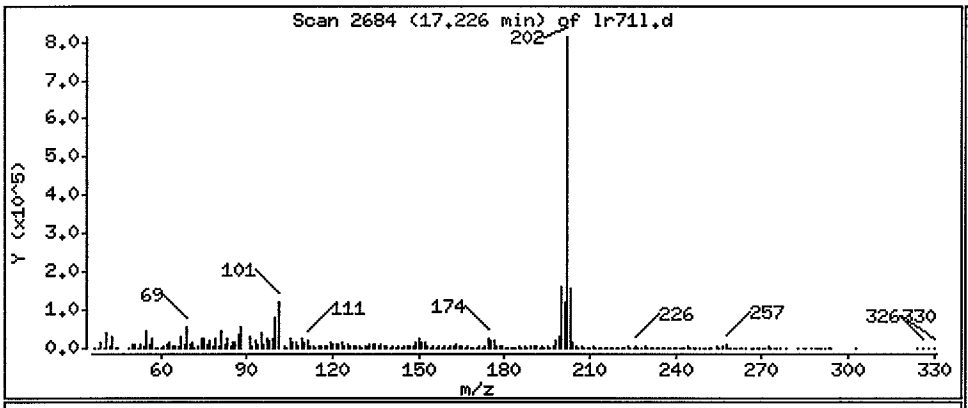
Operator: LJR/VTS

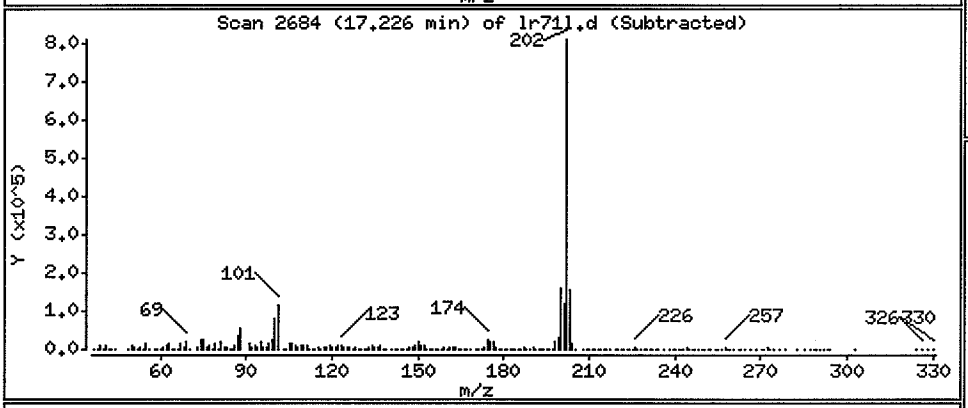
Column phase: ZB-5

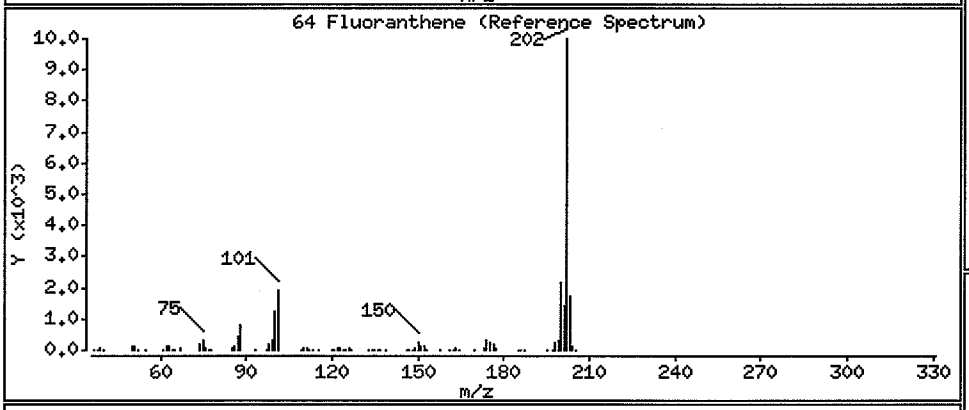
Column diameter: 0.32

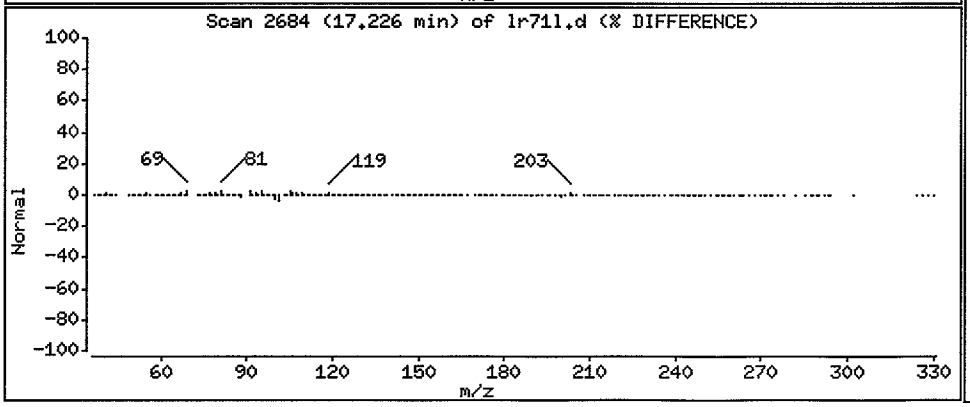
64 Fluoranthene

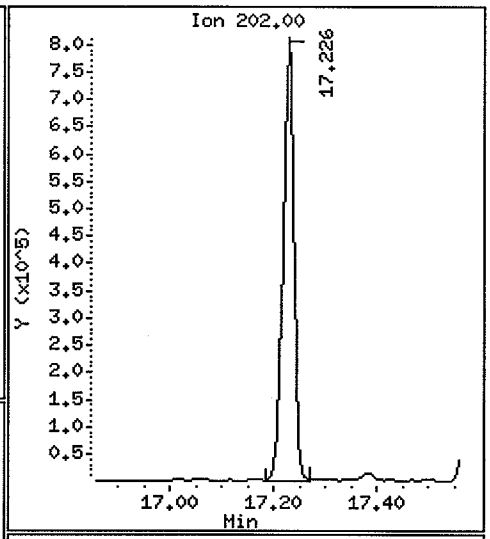
Concentration: 455.1 ug/kg

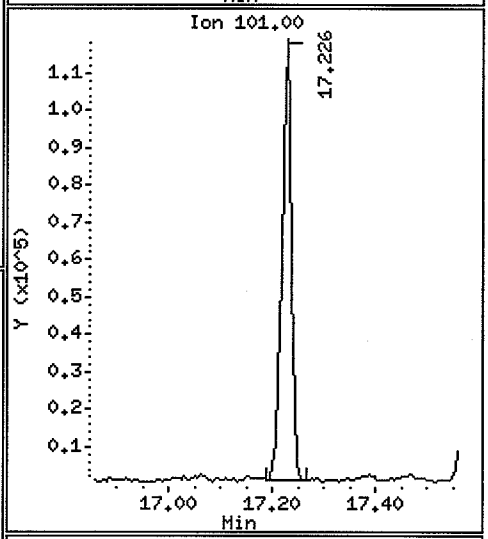


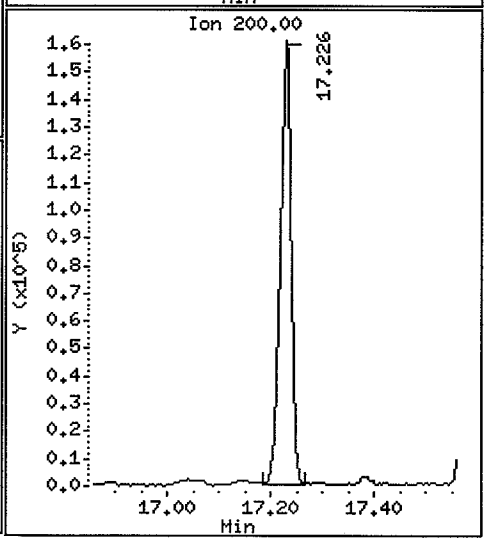












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

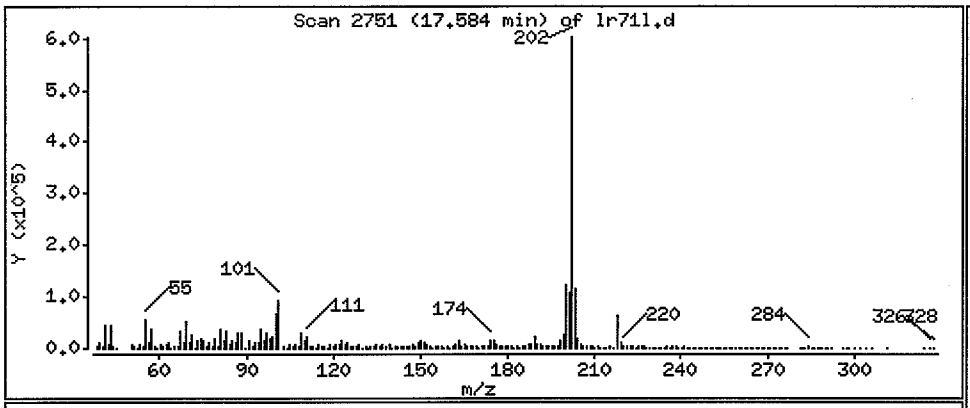
Operator: LJR/VTS

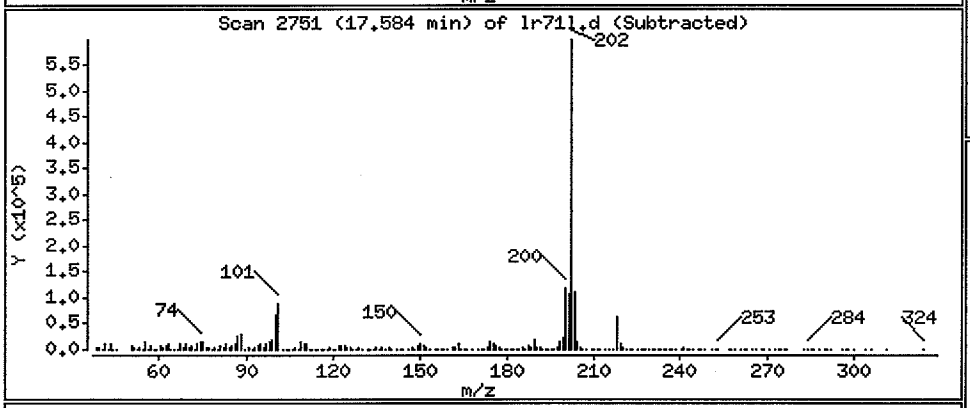
Column phase: ZB-5

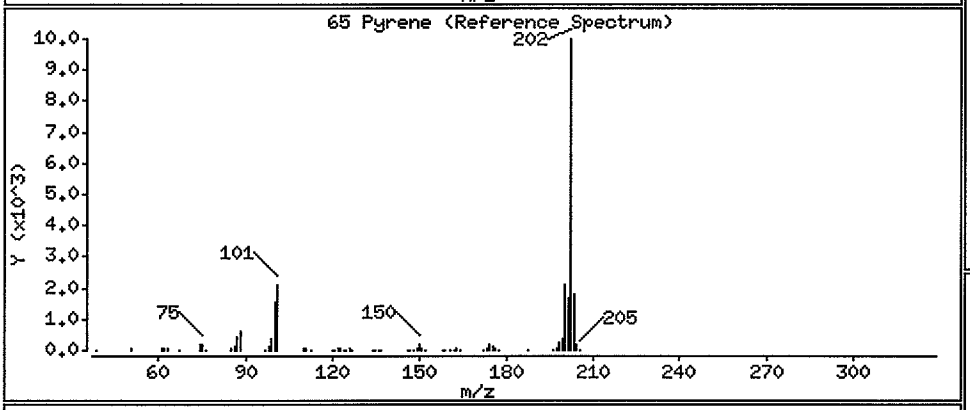
Column diameter: 0.32

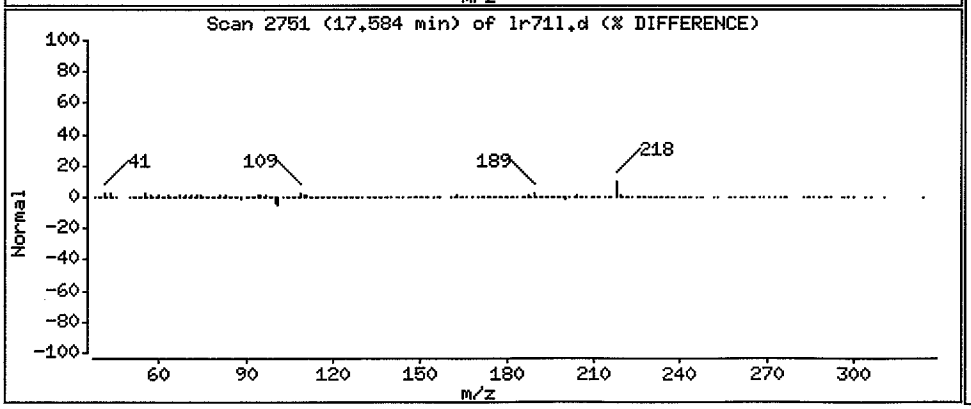
65 Pyrene

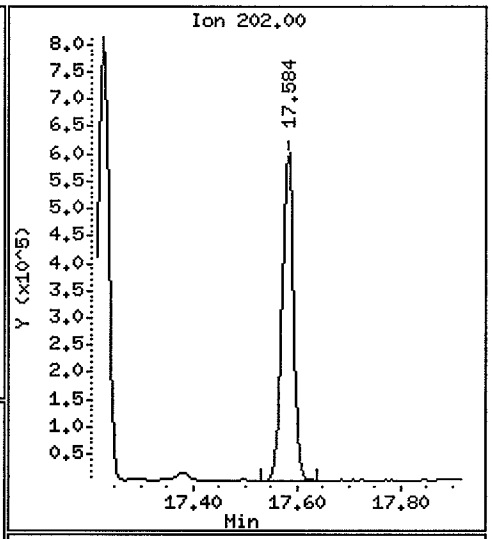
Concentration: 302.6 ug/kg

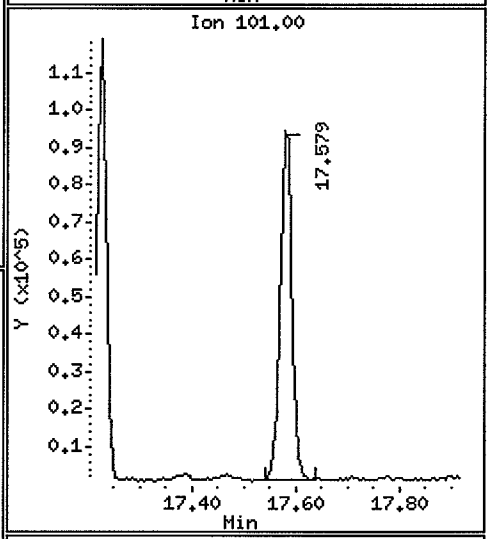


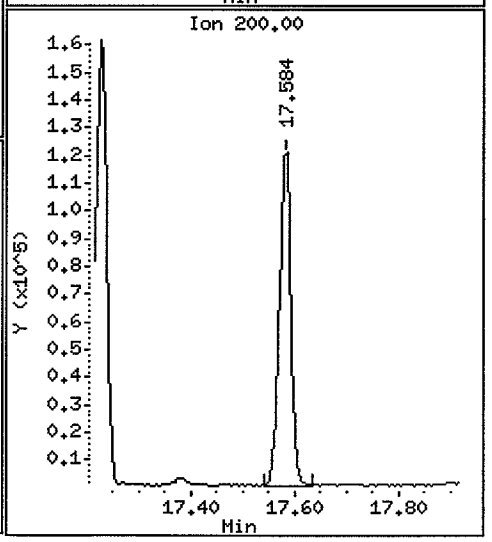












Data File: /chem1/nt6.i/20071018.b/lr71l.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

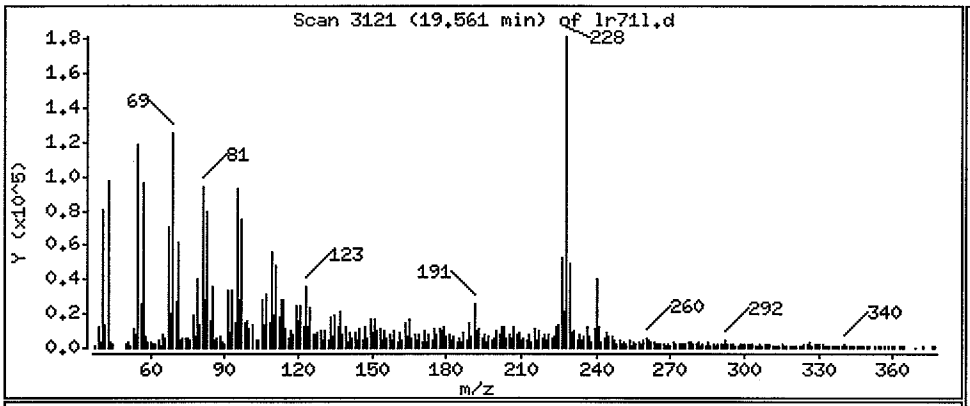
Operator: LJR/VTS

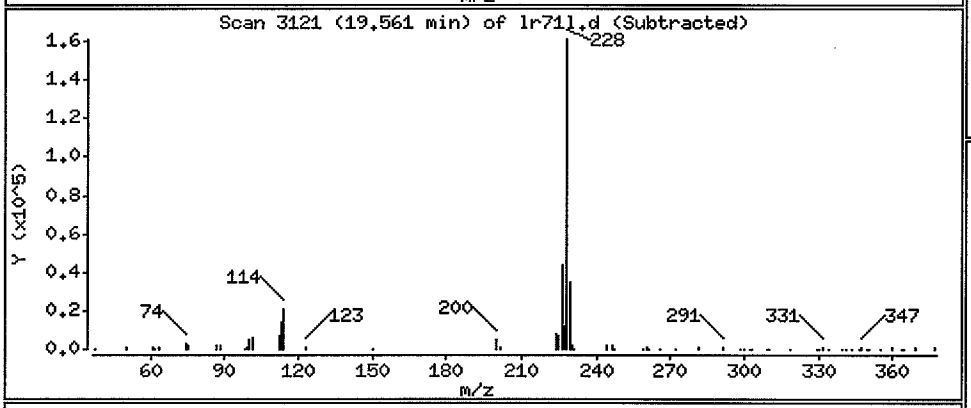
Column phase: ZB-5

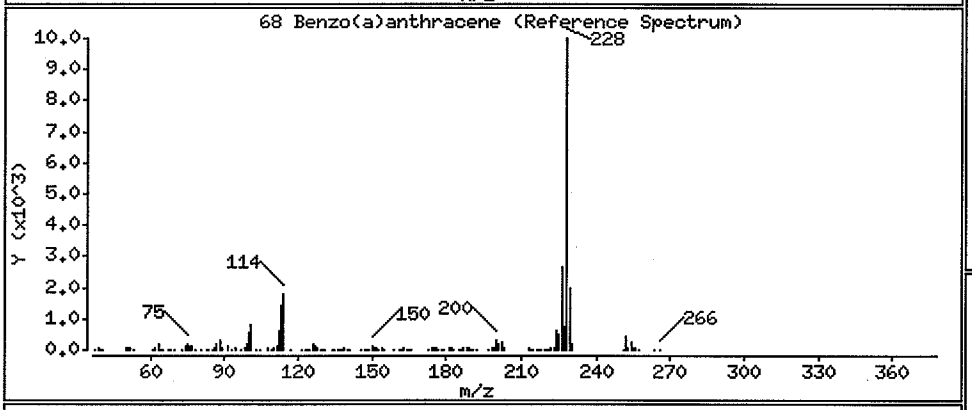
Column diameter: 0.32

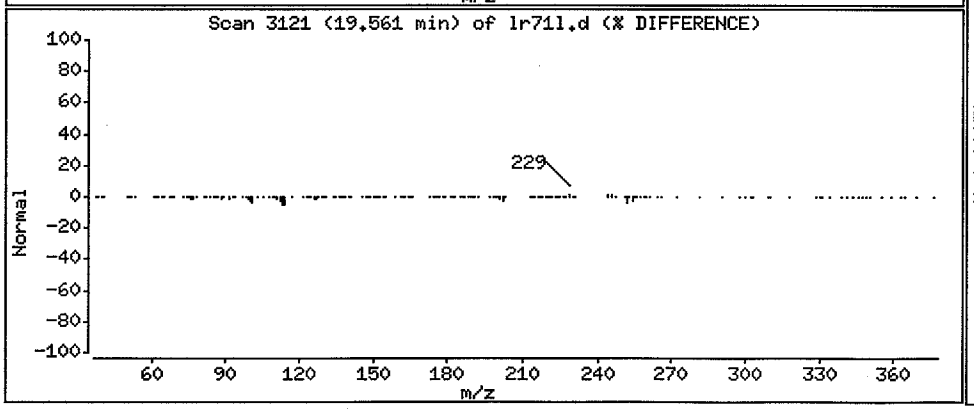
68 Benzo(a)anthracene

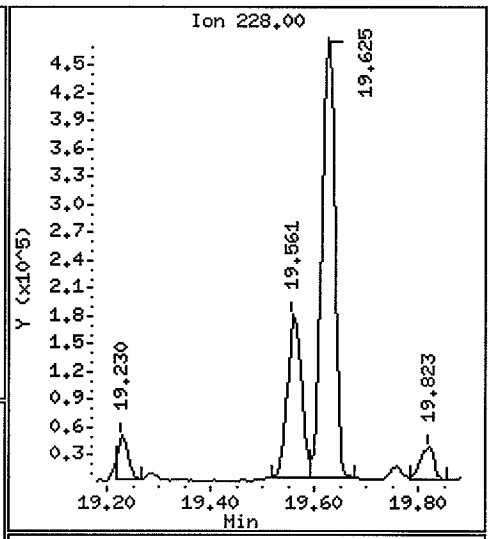
Concentration: 101.2 ug/kg

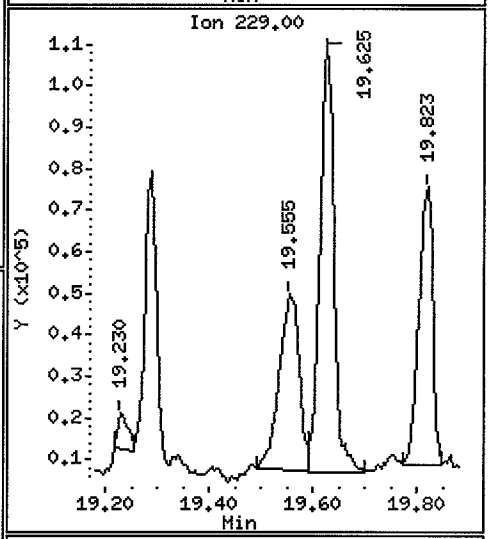


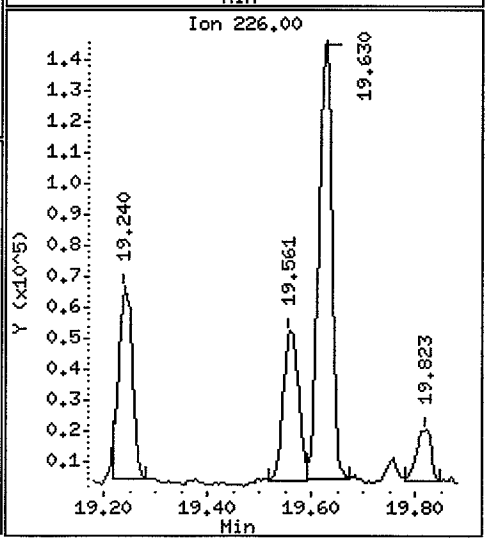












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

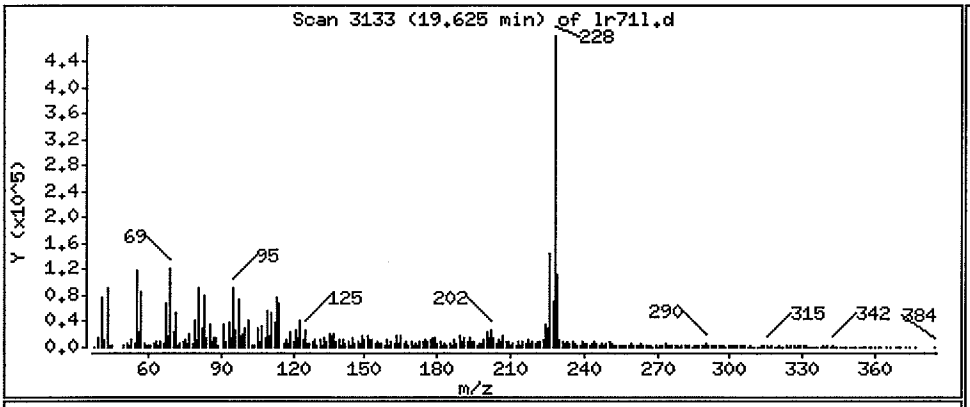
Operator: LJR/VTS

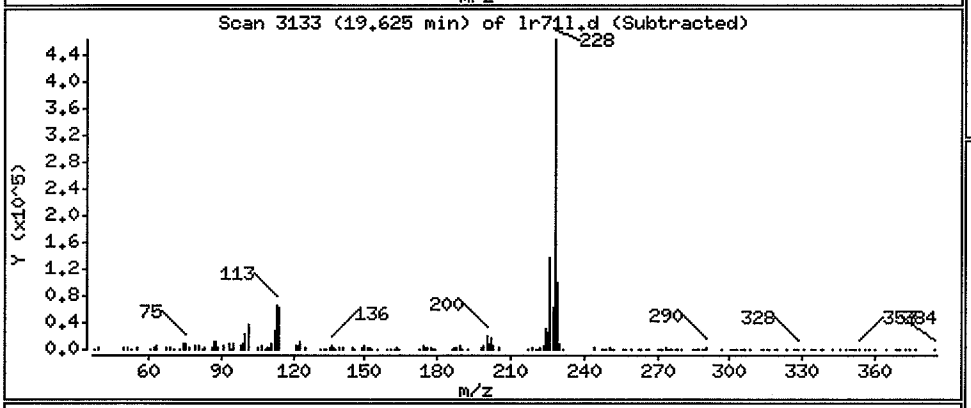
Column phase: ZB-5

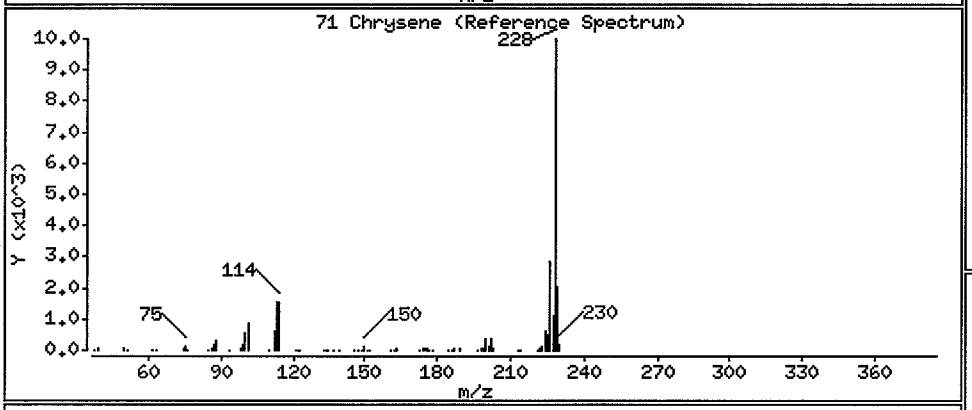
Column diameter: 0.32

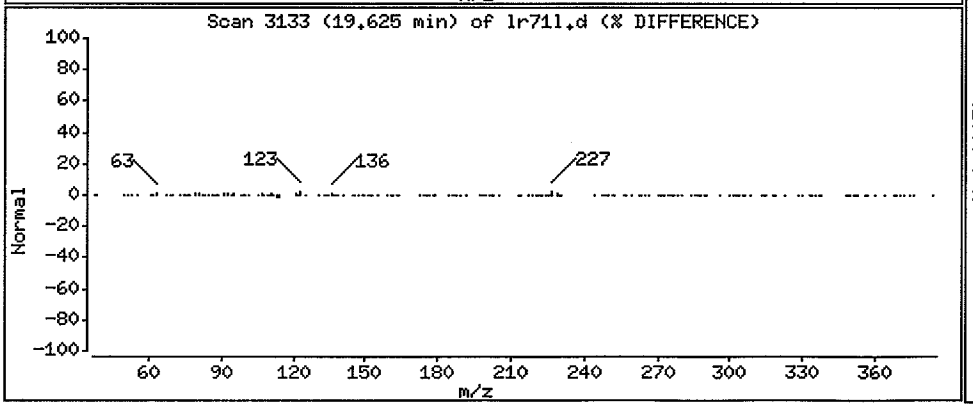
71 Chrysene

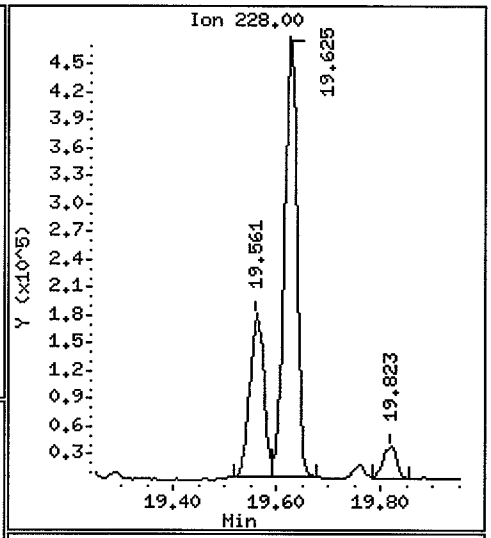
Concentration: 271.0 ug/kg

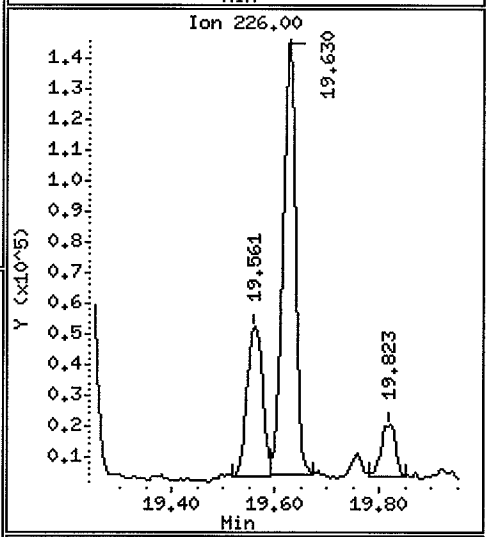


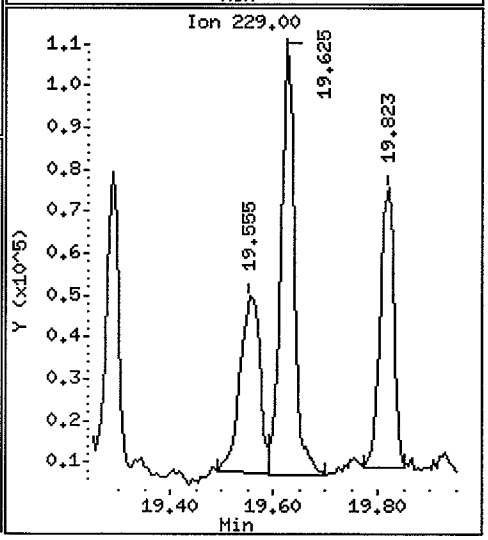












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

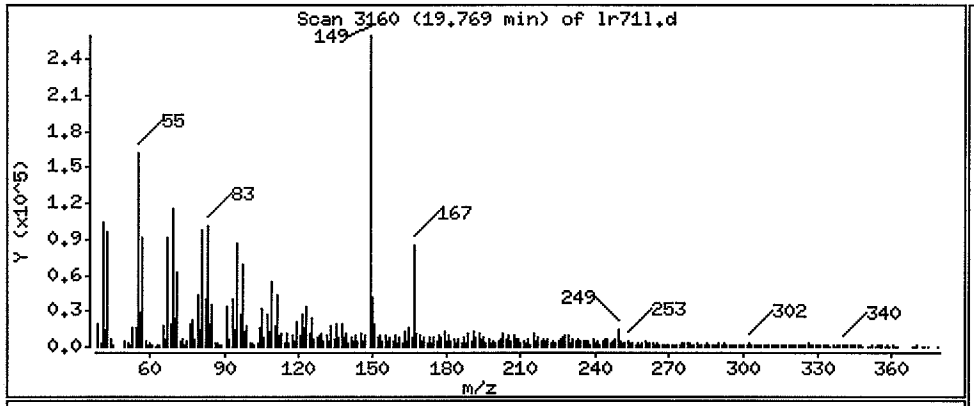
Operator: LJR/VTS

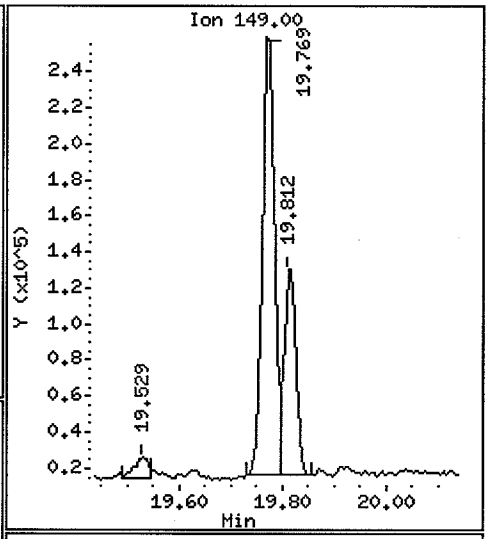
Column phase: ZB-5

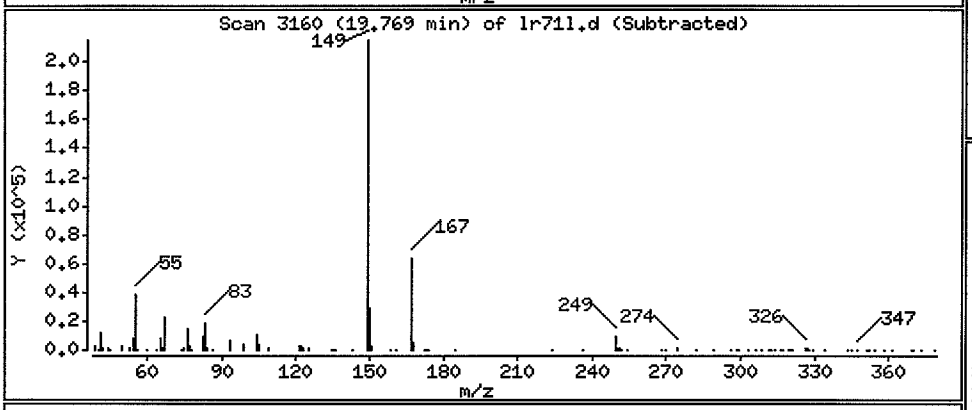
Column diameter: 0.32

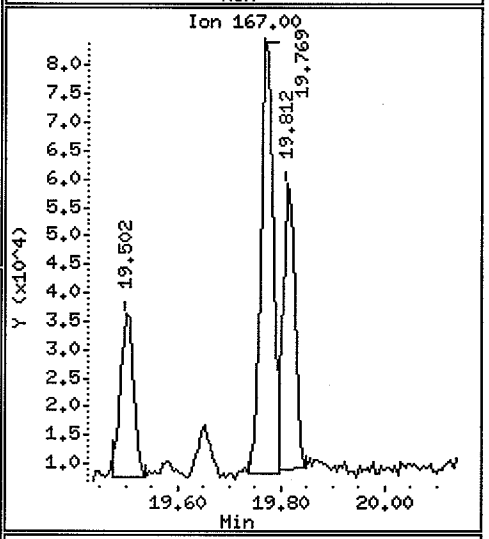
72 bis(2-Ethylhexyl)phthalate

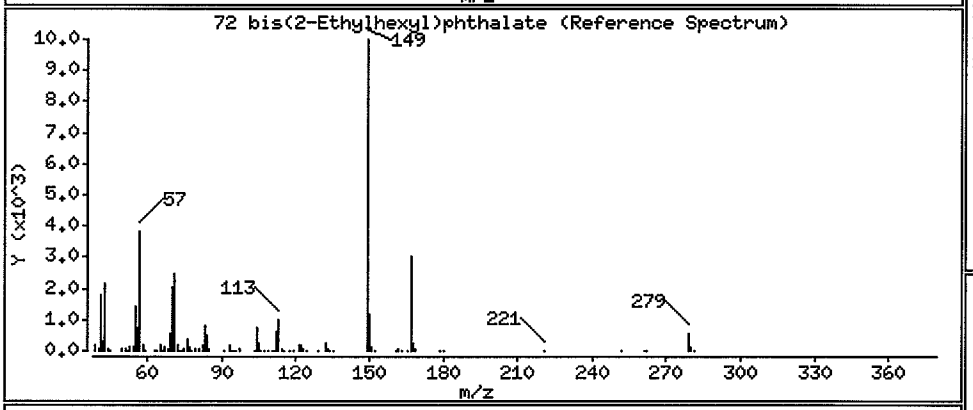
Concentration: 214.7 ug/kg

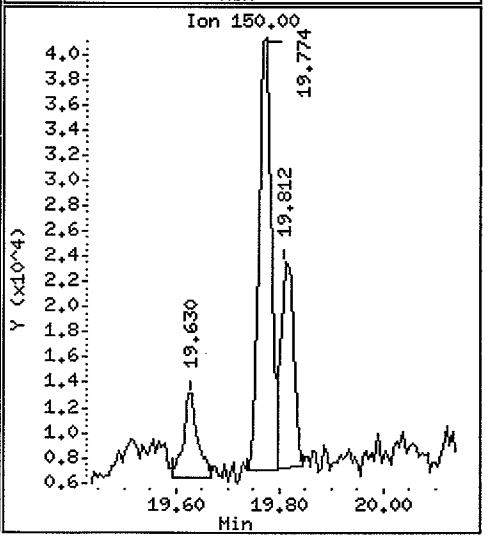


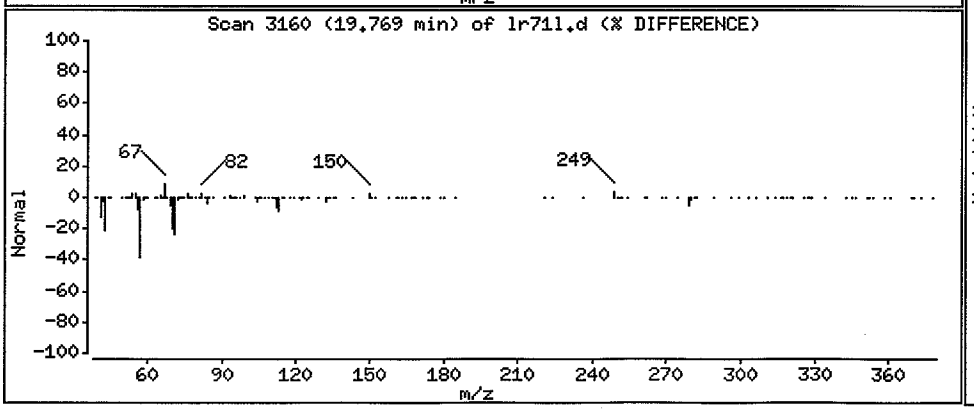












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

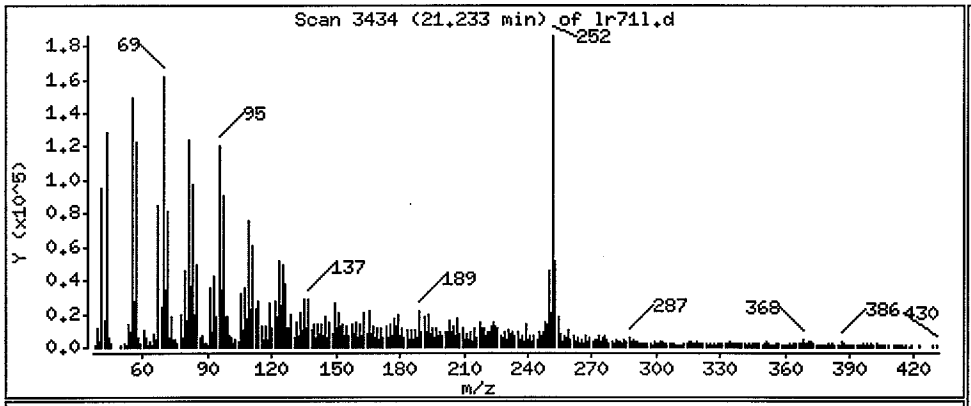
Operator: LJR/VTS

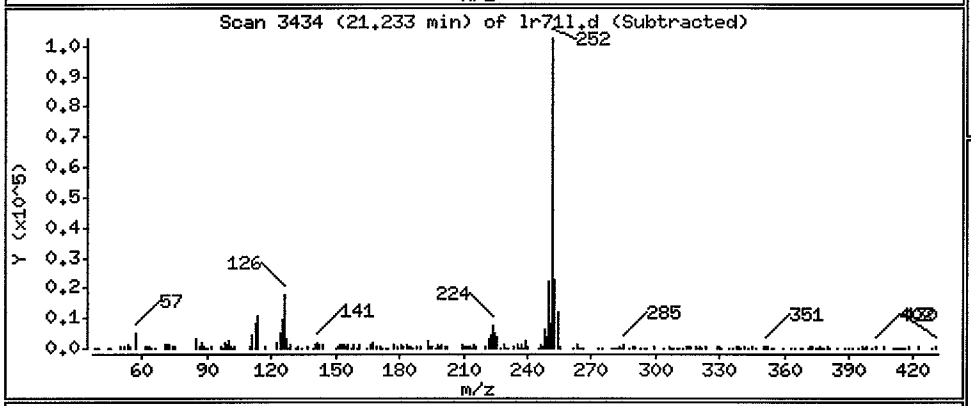
Column phase: ZB-5

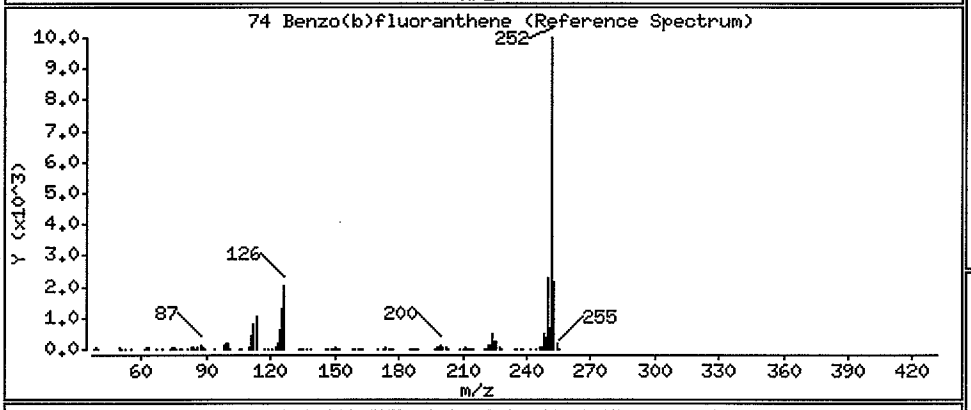
Column diameter: 0.32

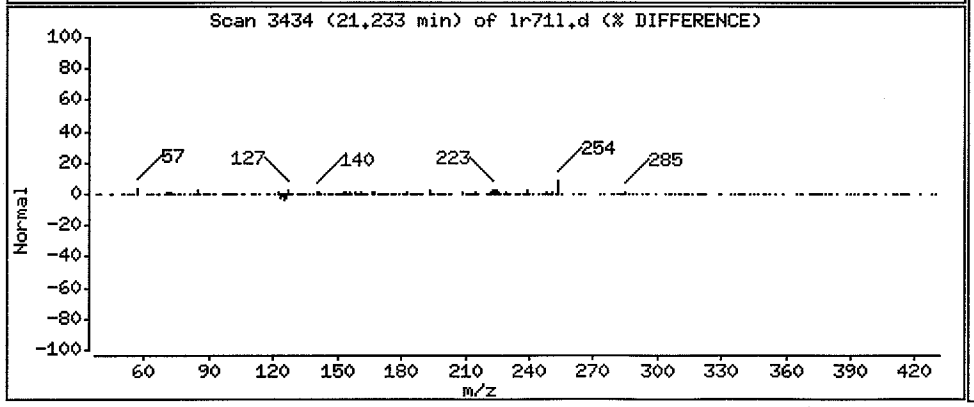
74 Benzo(b)fluoranthene

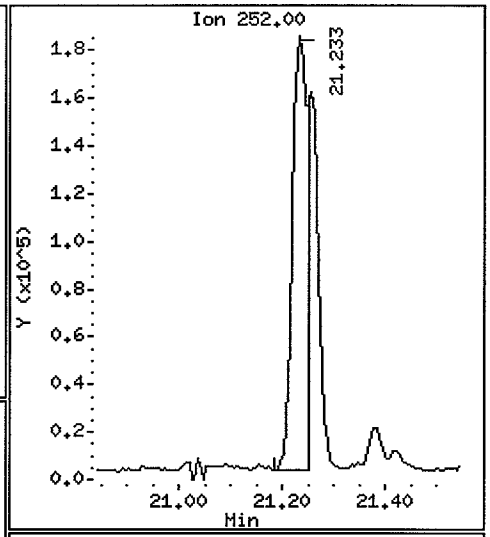
Concentration: 194.3 ug/kg

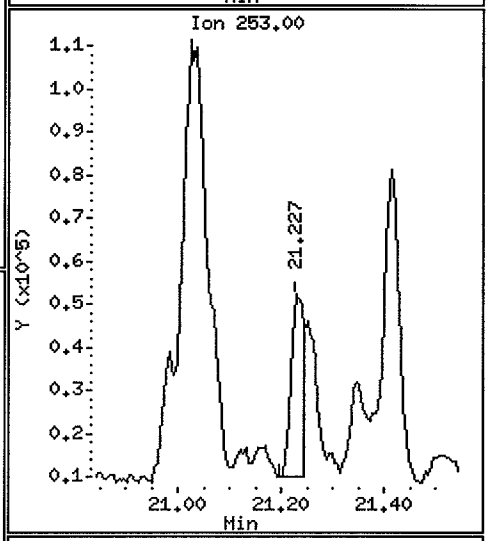


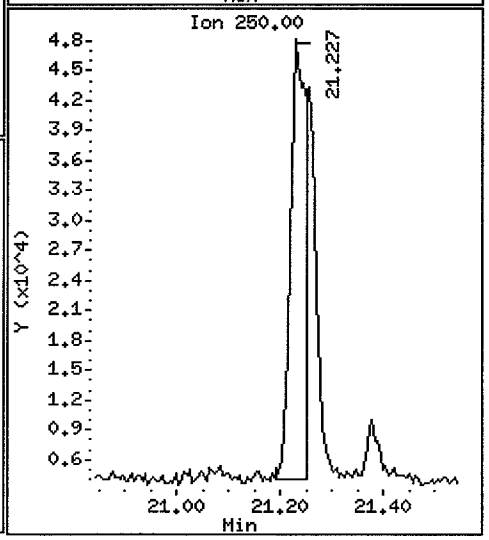












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

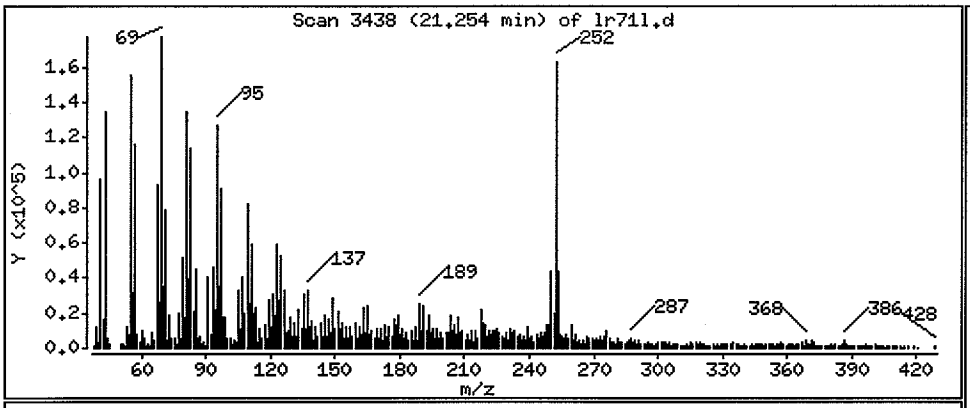
Operator: LJR/VTS

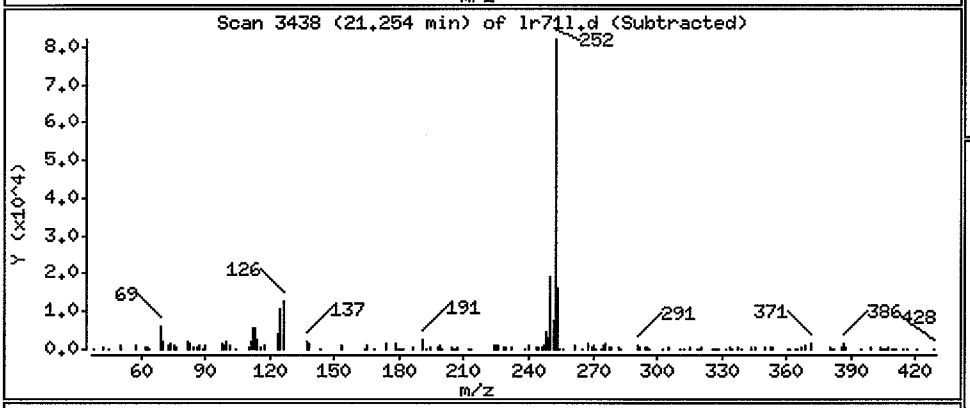
Column phase: ZB-5

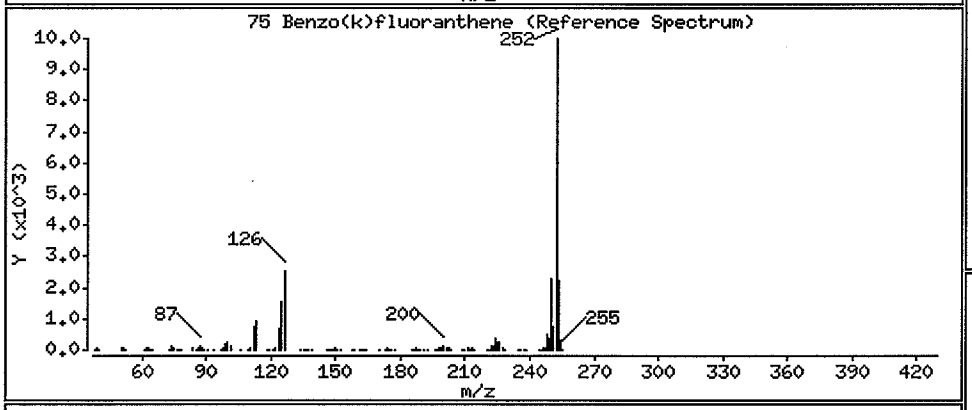
Column diameter: 0.32

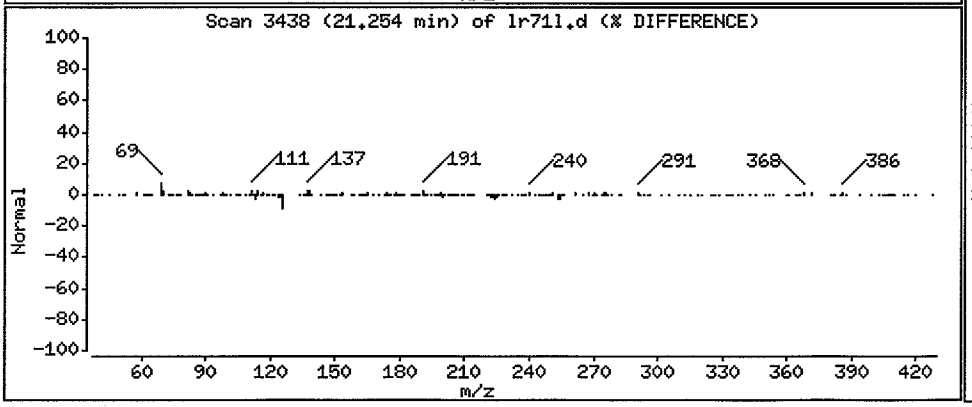
75 Benzo(k)fluoranthene

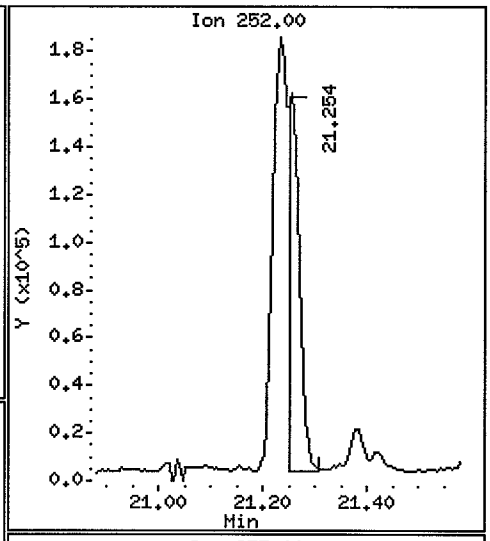
Concentration: 116.9 ug/kg

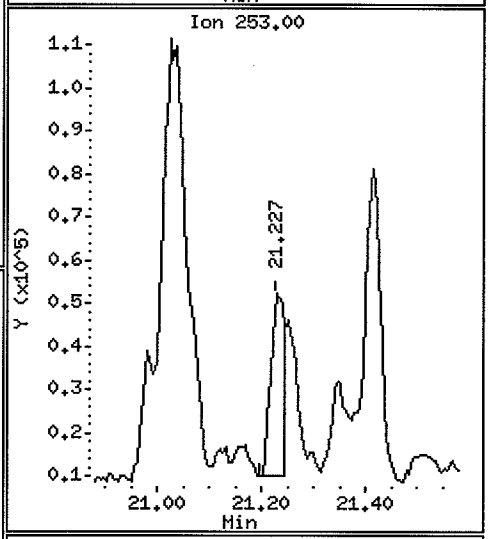


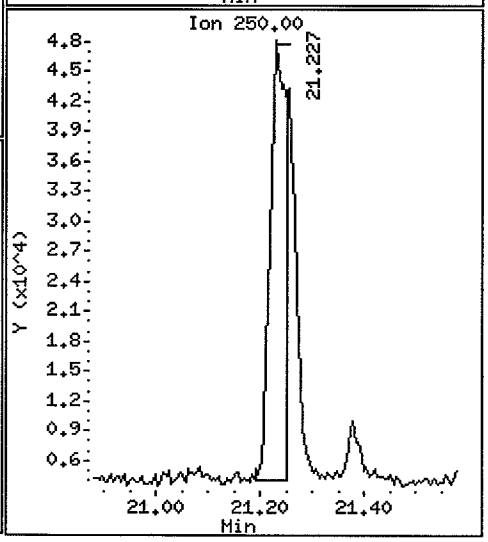












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

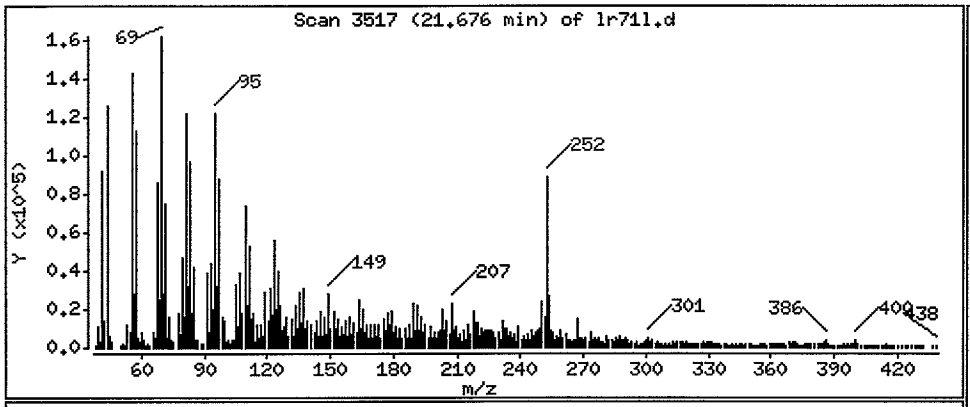
Operator: LJR/VTS

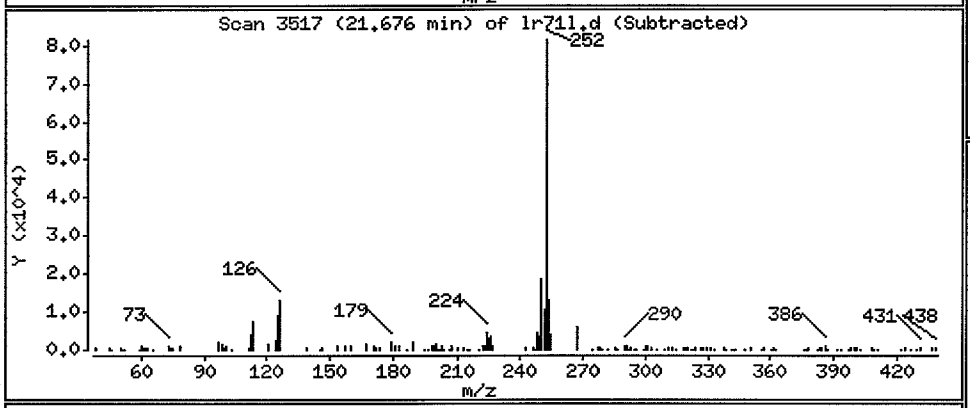
Column phase: ZB-5

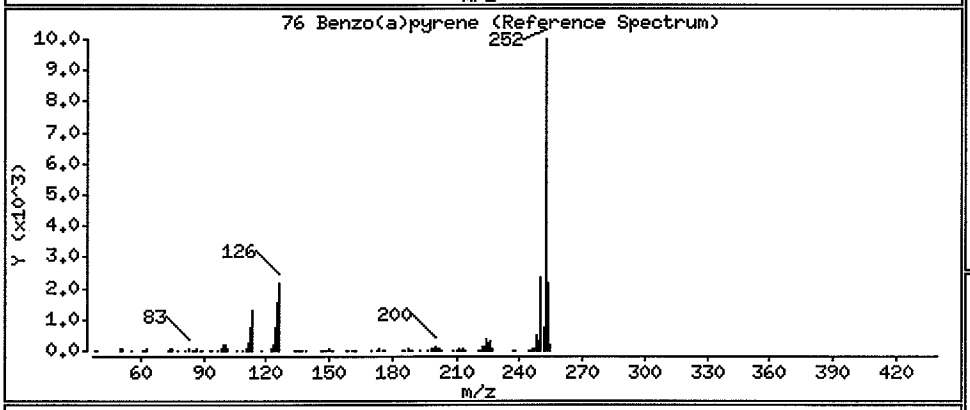
Column diameter: 0.32

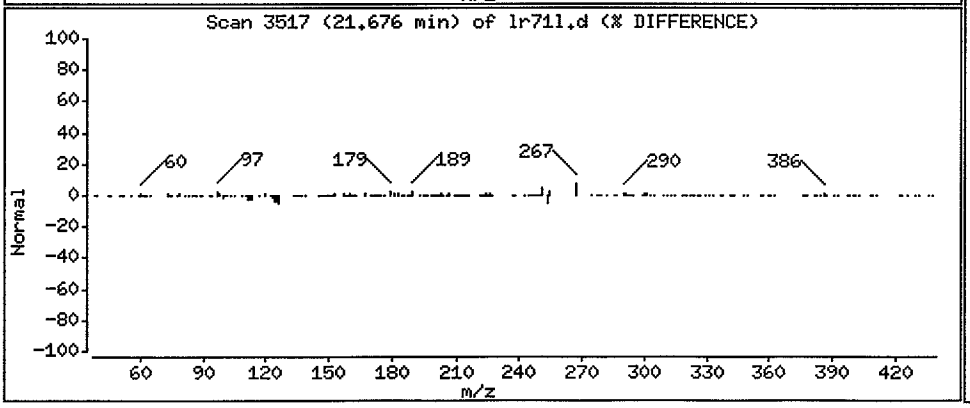
76 Benzo(a)pyrene

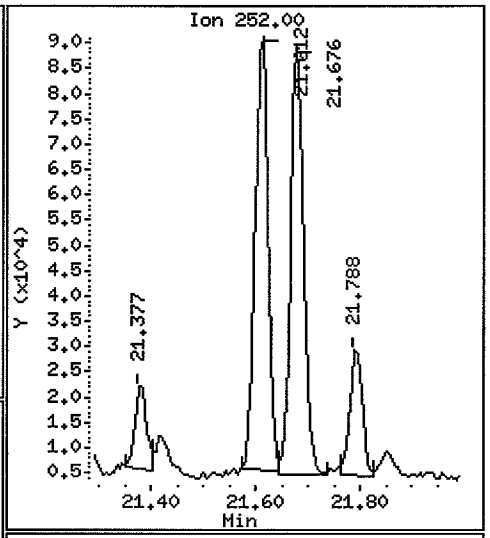
Concentration: 82.59 ug/kg

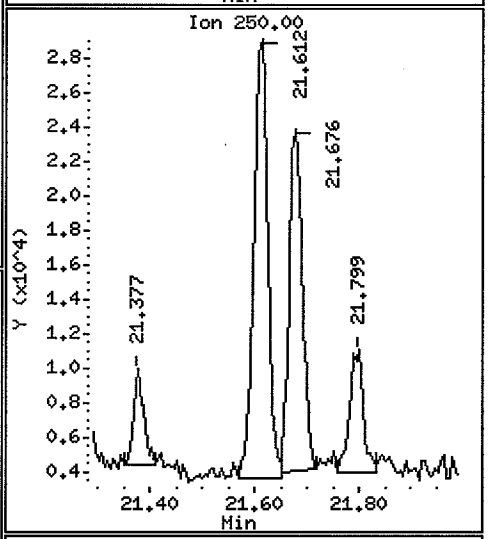


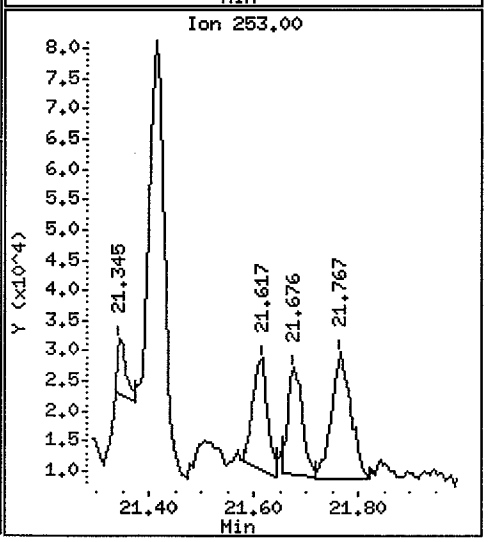












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

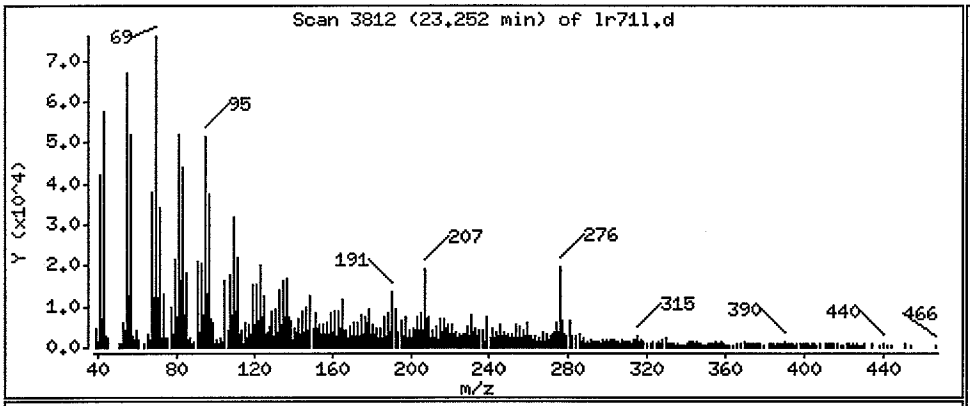
Operator: LJR/VTS

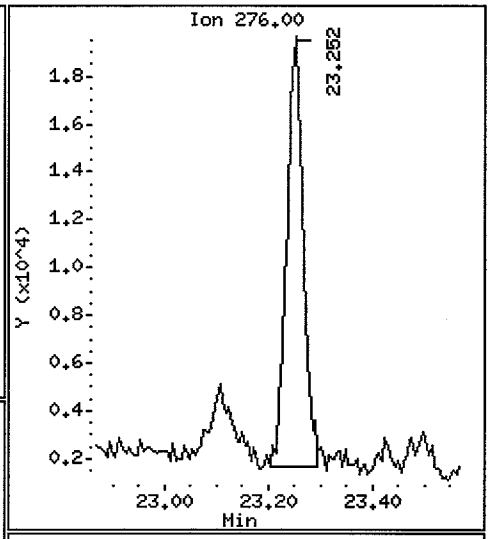
Column phase: ZB-5

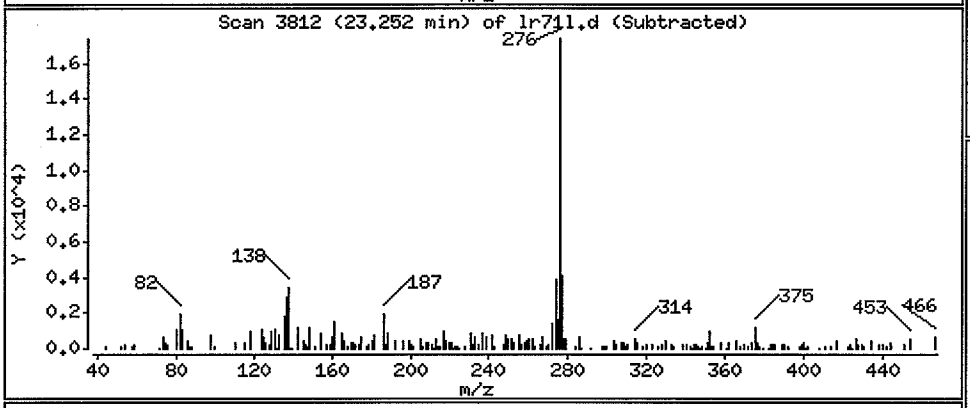
Column diameter: 0.32

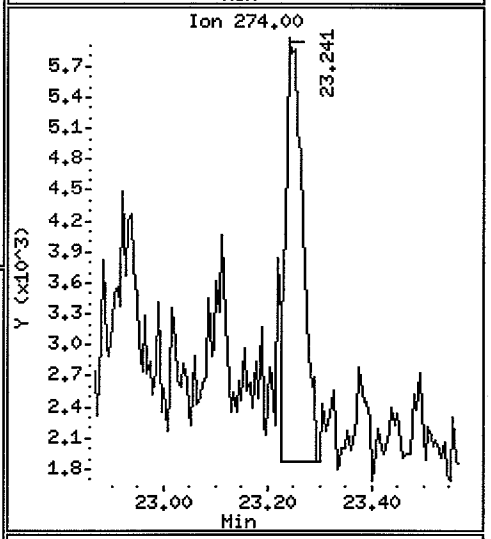
78 Indeno(1,2,3-cd)pyrene

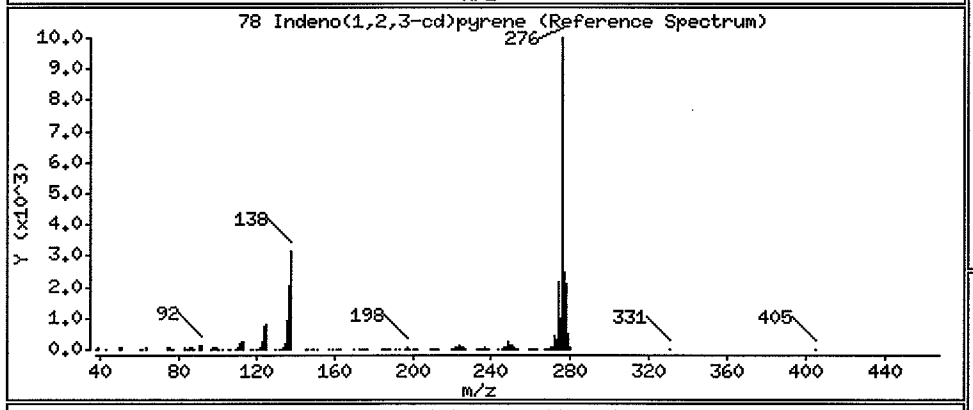
Concentration: 19.07 ug/kg

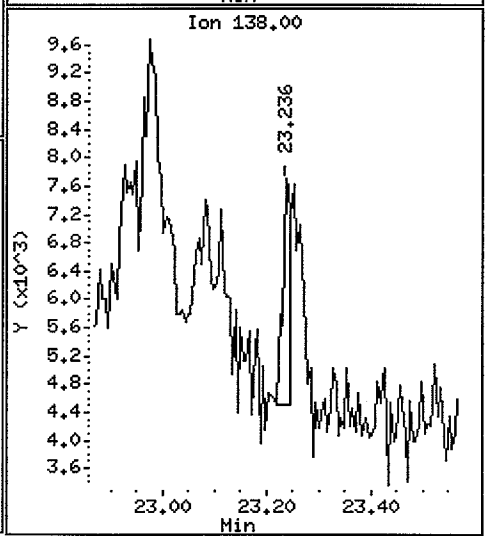


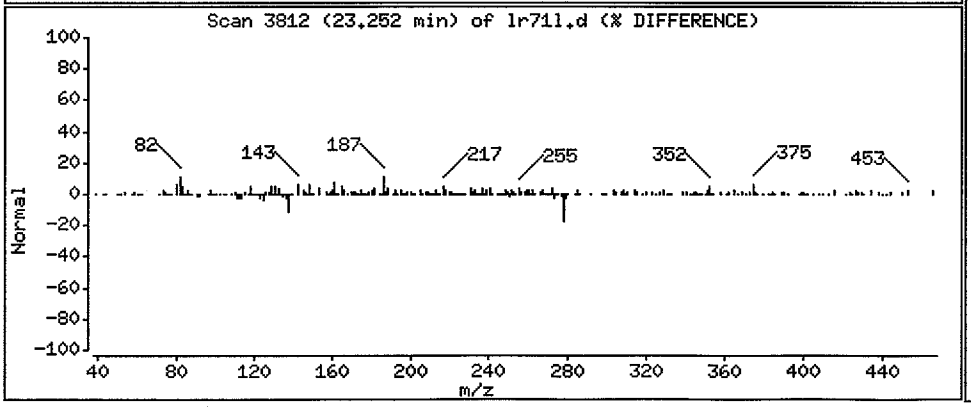












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

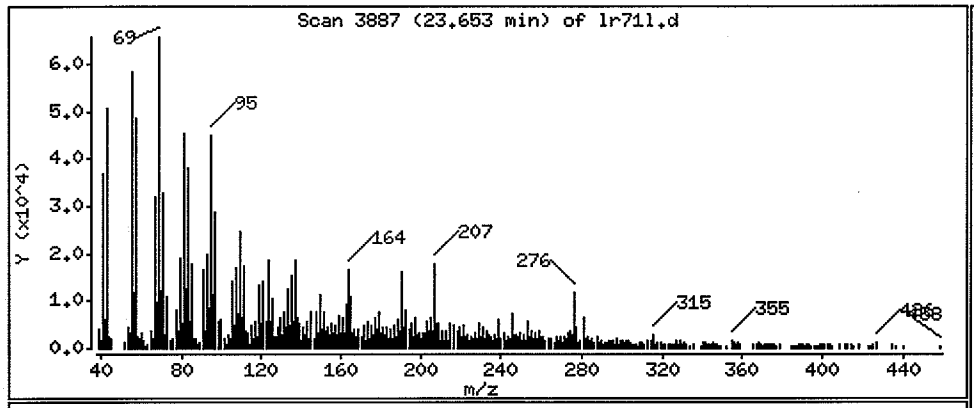
Operator: LJR/VTS

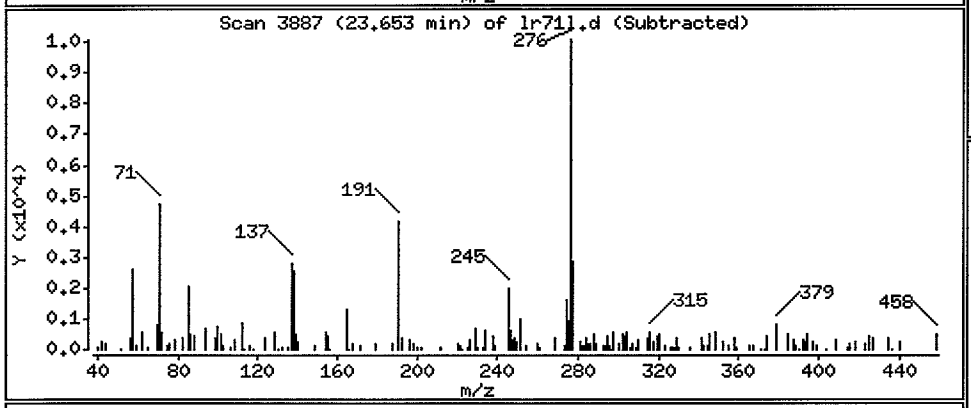
Column phase: ZB-5

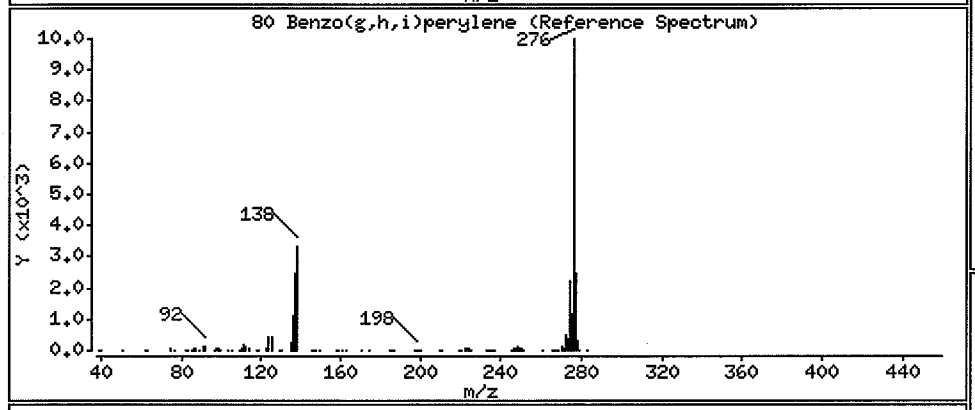
Column diameter: 0.32

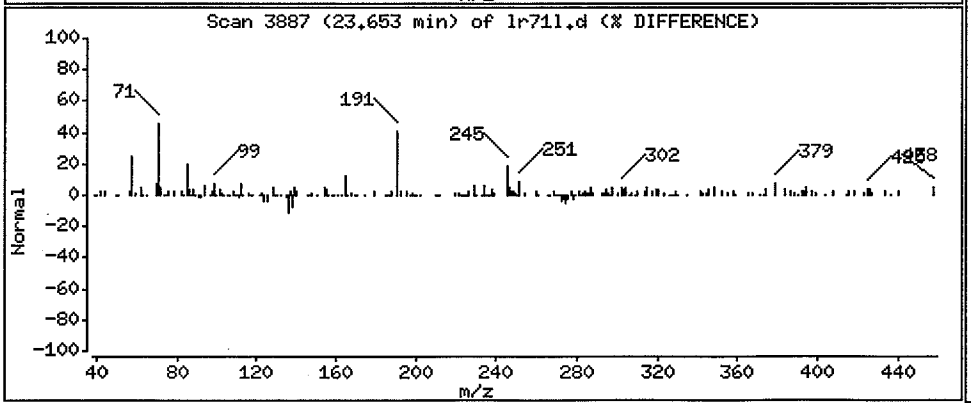
80 Benzo(g,h,i)perylene

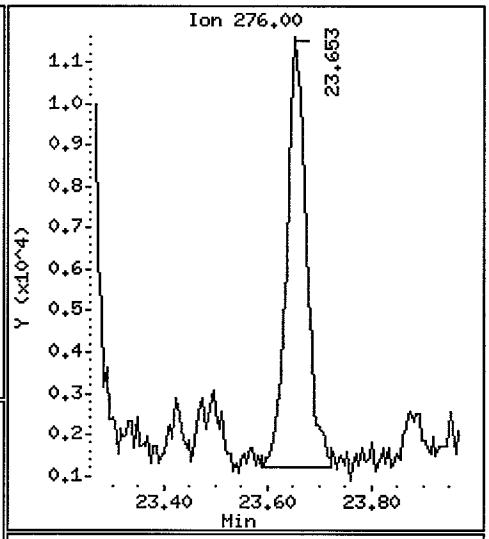
Concentration: 12.92 ug/kg

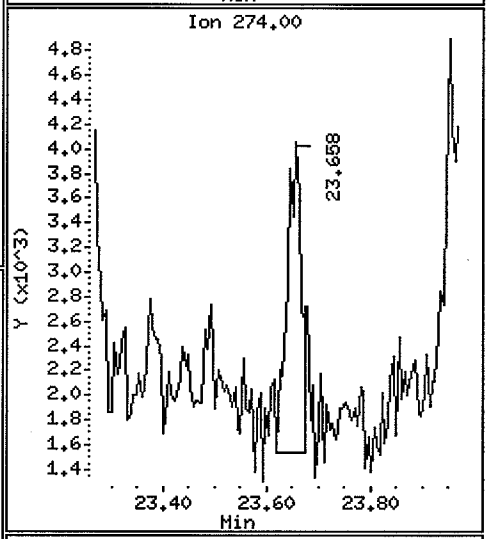


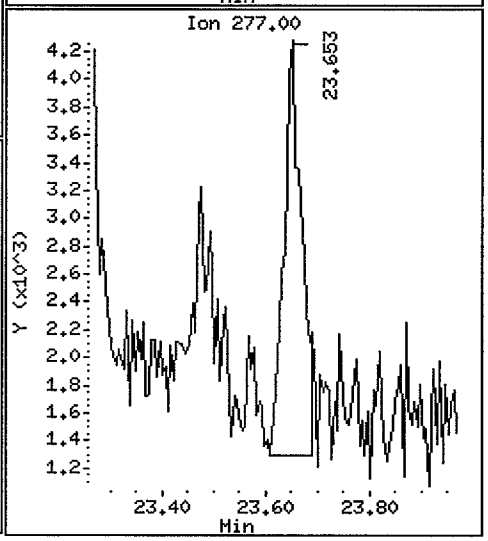












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

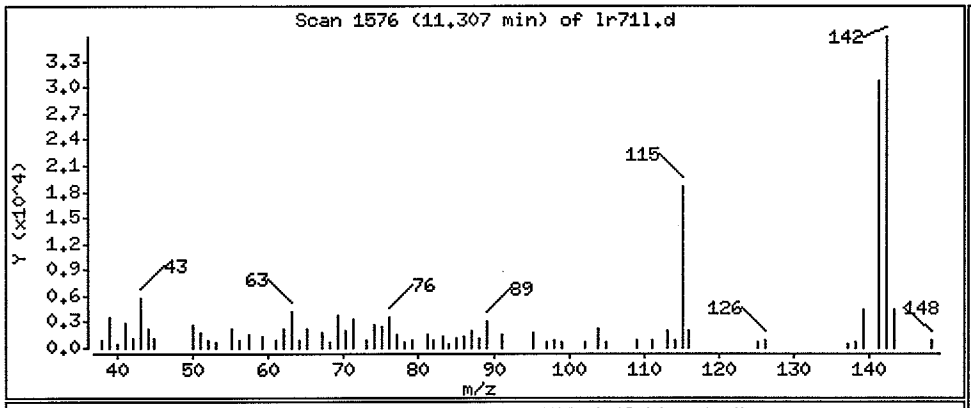
Client ID: AN-SS-09 Instrument: nt6.i

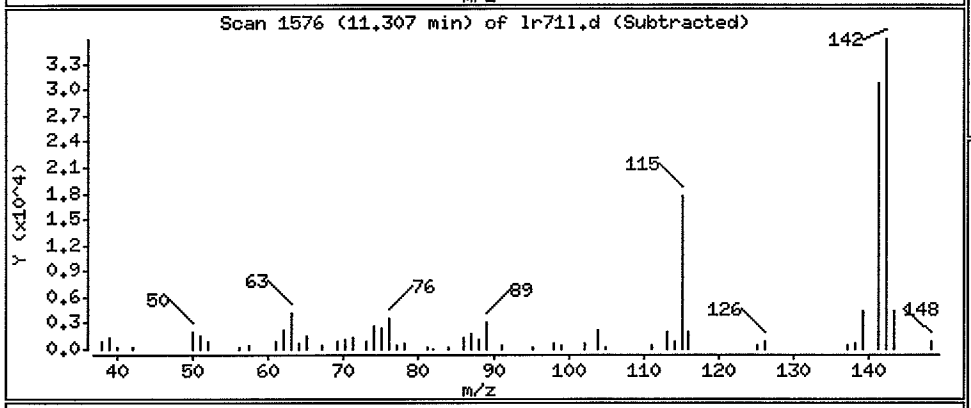
Sample Info: LR71L

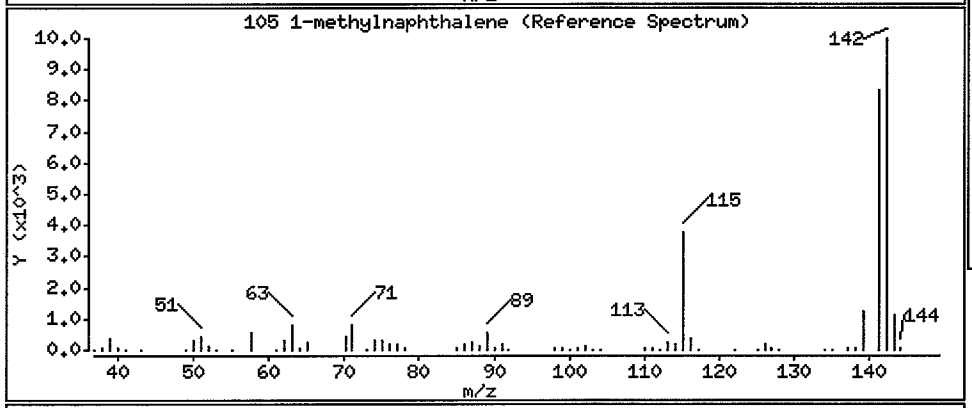
Volume Injected (uL): 1.0 Operator: LJR/VTS

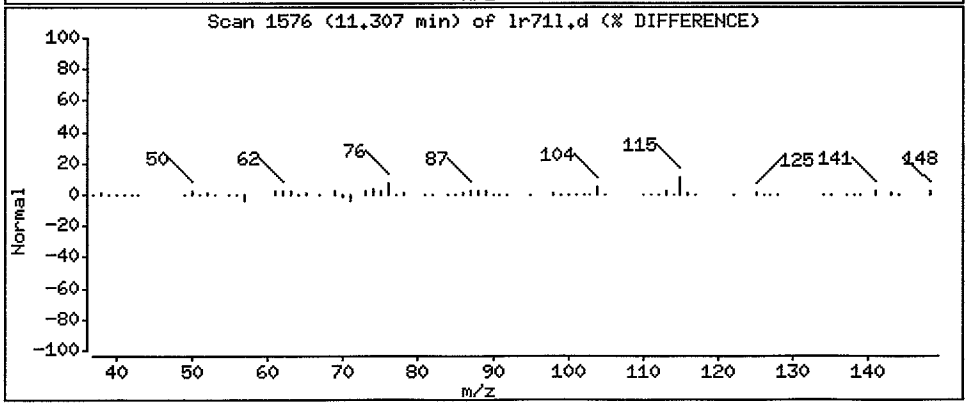
Column phase: ZB-5 Column diameter: 0.32

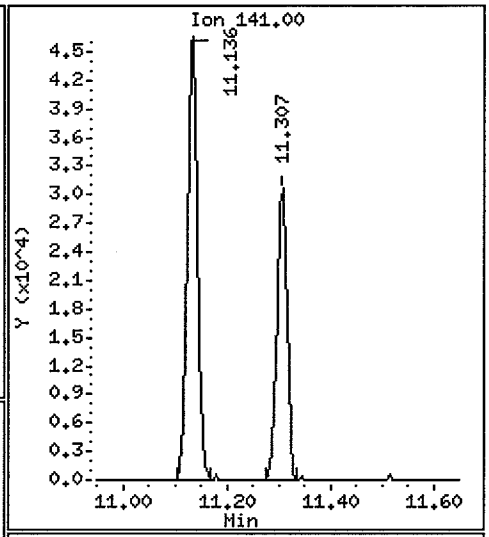
105 1-methylnaphthalene Concentration: 42.53 ug/kg

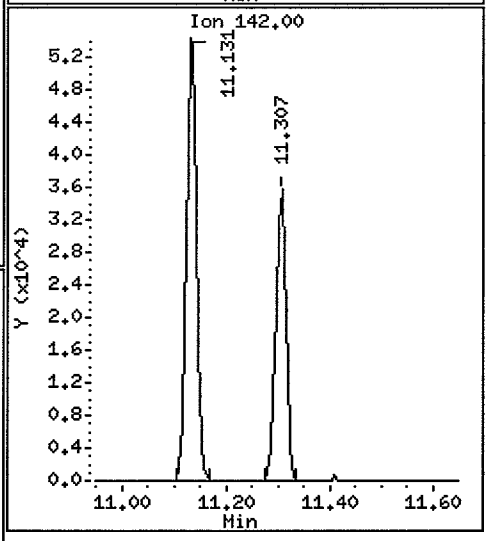












Data File: /chem1/nt6.i/20071018.b/lr71k.d

Date : 18-OCT-2007 20:51

Client ID: AN-SS-08

Instrument: nt6.i

Sample Info: LR71K

Volume Injected (uL): 1.0

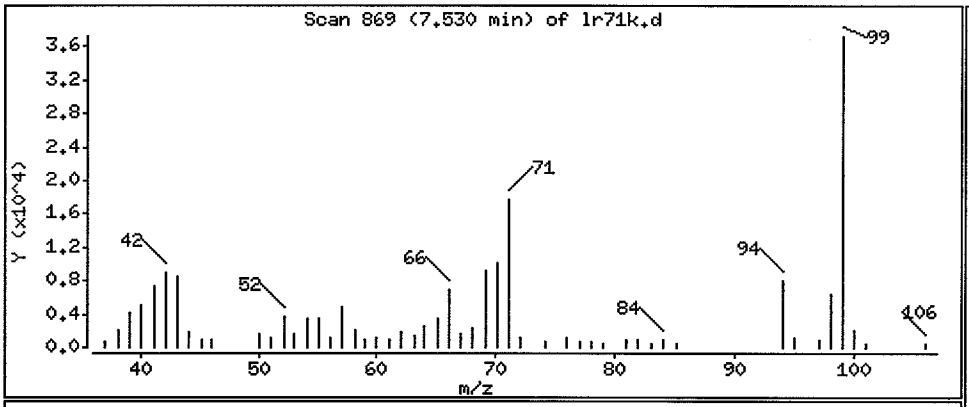
Operator: LJR/VTS

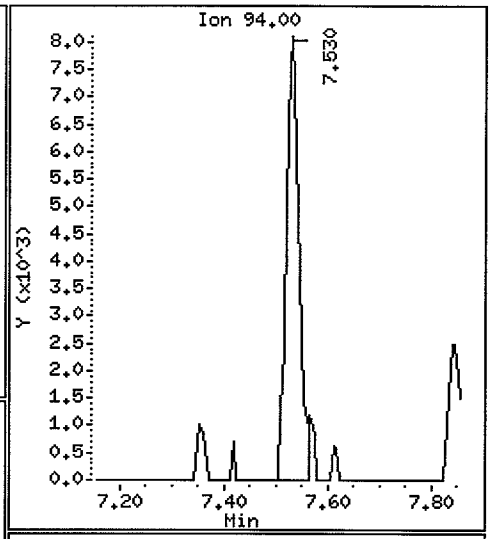
Column phase: ZB-5

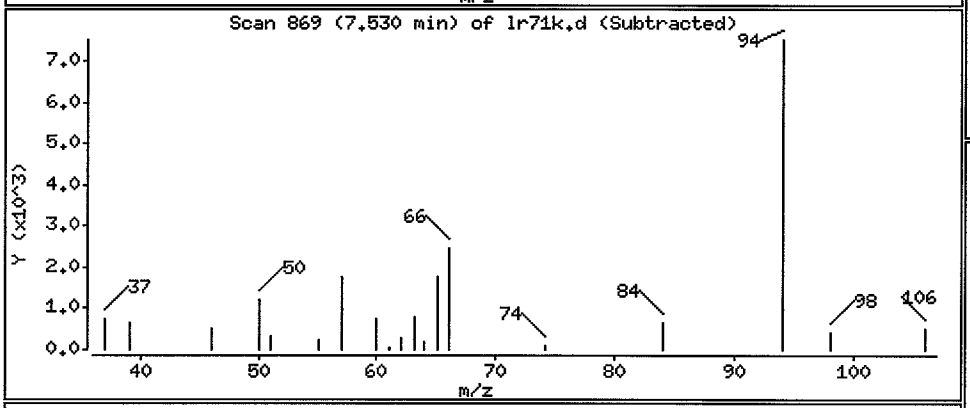
Column diameter: 0.32

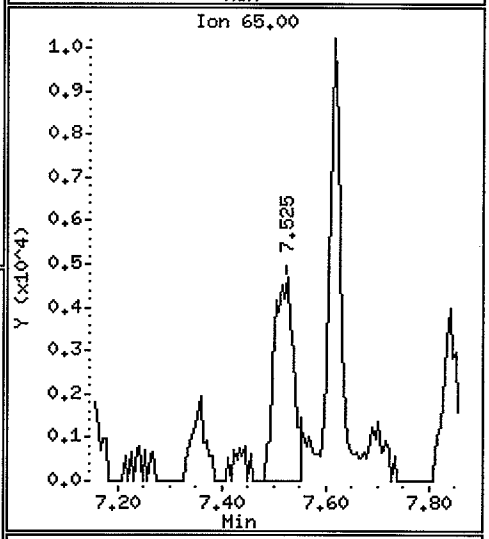
3 Phenol

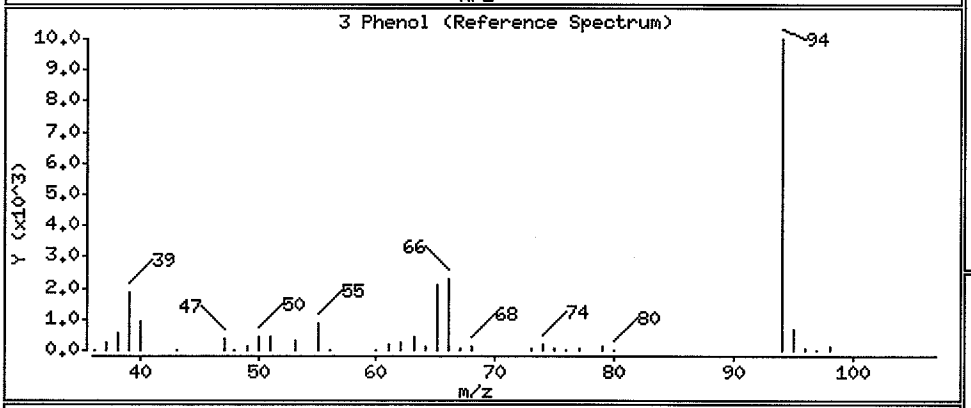
Concentration: 12.29 ug/kg

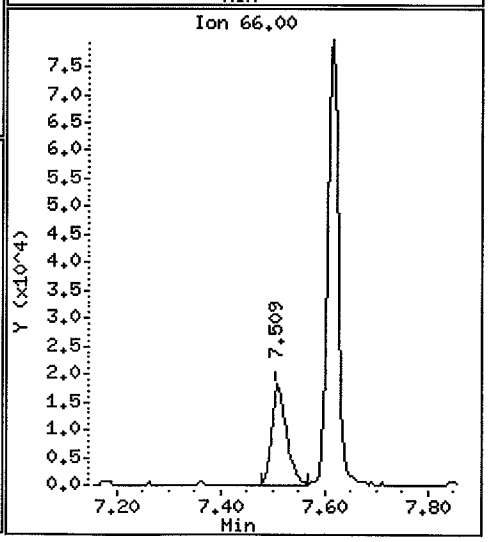


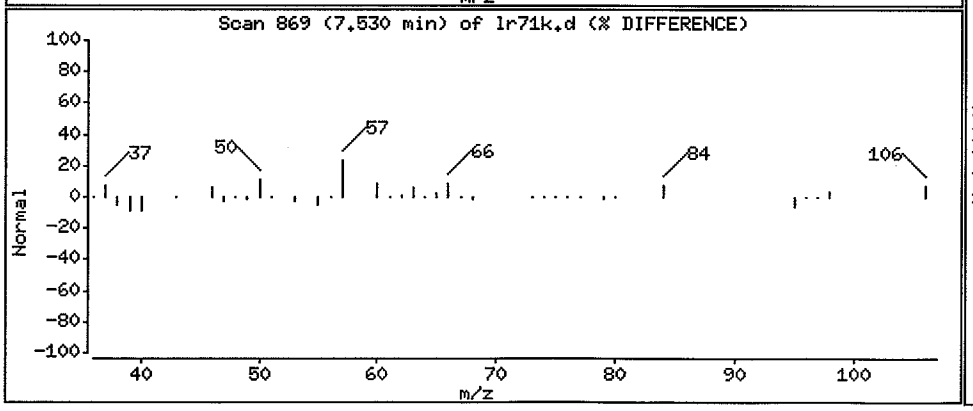












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

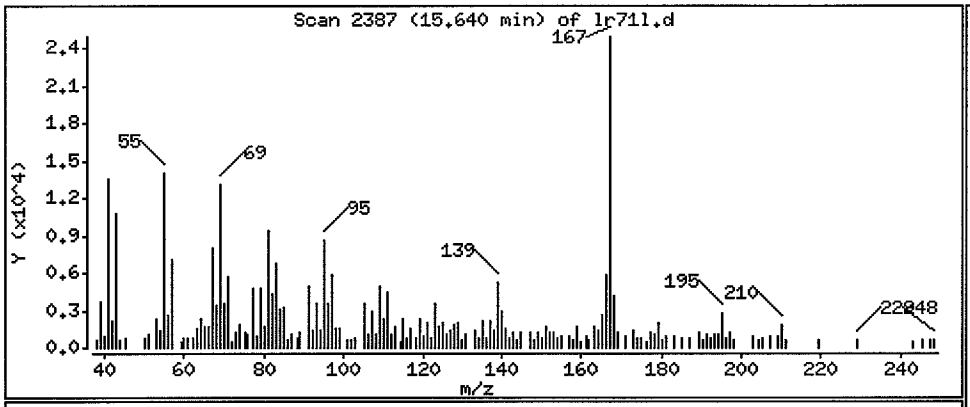
Operator: LJR/VTS

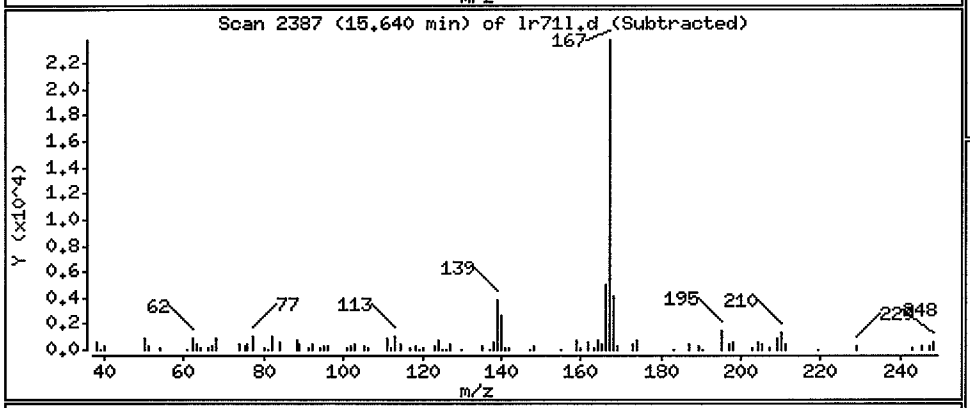
Column phase: ZB-5

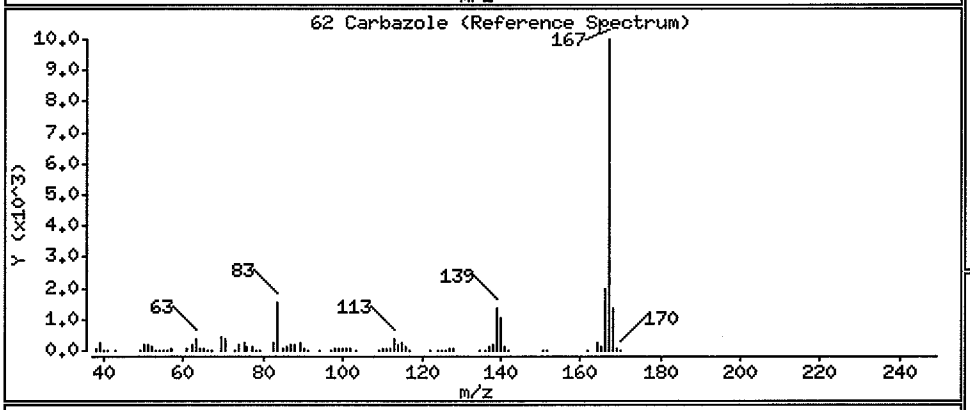
Column diameter: 0.32

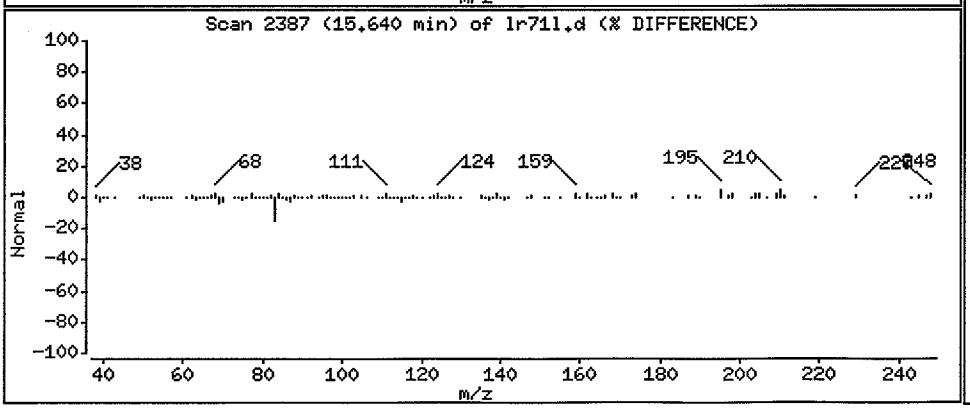
62 Carbazole

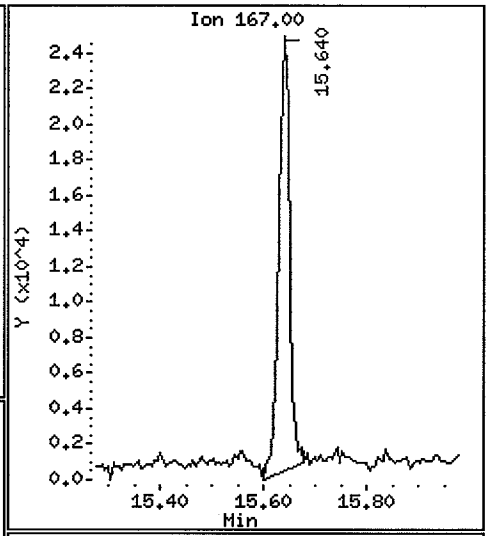
Concentration: 17.62 ug/kg

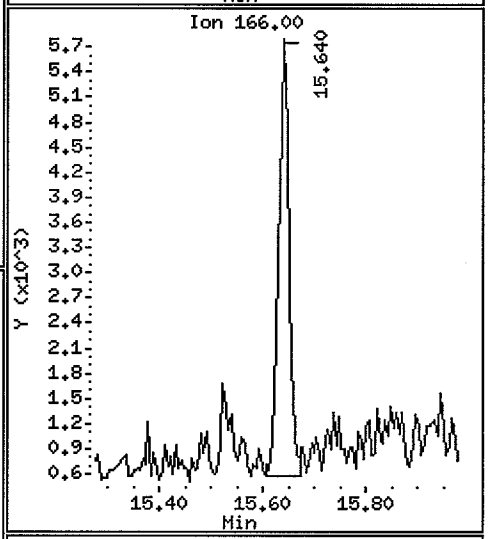


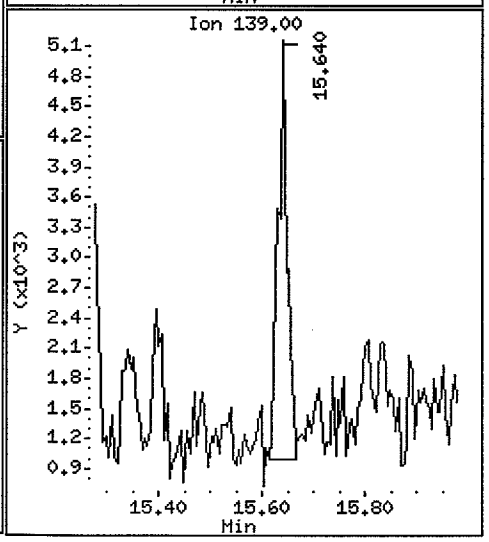












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-08**
Page 1 of 2 **REEXTRACT**

Lab Sample ID: LR71K
LIMS ID: 07-20776
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 22:23
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.8 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 41.2%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**45**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	**Benzyl Alcohol**	**20**	**38 M**
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**110**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**130**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**70**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	**Acenaphthylene**	**20**	**81**
83-32-9	**Acenaphthene**	**20**	**55**
132-64-9	**Dibenzofuran**	**20**	**84**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**130**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	98	< 98 U
85-01-8	**Phenanthrene**	**20**	**890**
120-12-7	**Anthracene**	**20**	**220**
84-74-2	Di-n-Butylphthalate	49	< 49 Y
206-44-0	**Fluoranthene**	**20**	**1,200**
129-00-0	**Pyrene**	**20**	**1,400**
85-68-7	Butylbenzylphthalate	110	< 110 Y
56-55-3	**Benzo(a)anthracene**	**20**	**530**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**490 B**
218-01-9	**Chrysene**	**20**	**700**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**430**
207-08-9	**Benzo(k)fluoranthene**	**20**	**330**
50-32-8	**Benzo(a)pyrene**	**20**	**450**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**100**
53-70-3	**Dibenz(a,h)anthracene**	**20**	**37**
191-24-2	**Benzo(g,h,i)perylene**	**20**	**62**

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-08**
Page 2 of 2 **REEXTRACT**

Lab Sample ID: LR71K QC Report No: LR71-Anchor Environmental, LLC
LIMS ID: 07-20776 Project: Kimberly Clark Anacortes
Matrix: Sediment NA
Date Analyzed: 11/01/07 22:23

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	52

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	60.8%	2-Fluorobiphenyl	63.2%
d14-p-Terphenyl	105%	d4-1,2-Dichlorobenzene	59.2%
d5-Phenol	65.3%	2-Fluorophenol	51.7%
2,4,6-Tribromophenol	71.5%	d4-2-Chlorophenol	63.7%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr71k2.d
Lab Smp Id: LR71KRE
Inj Date : 01-NOV-2007 22:23
Operator : VTS Inst ID: nt4.i
Smp Info : LR71KRE
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

LJK 11/2/07

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	4.832	4.748	(0.708)	242972	19.3769	387.5
$ 2	Phenol-d5	99	6.515	6.489	(0.955)	343335	24.4625	489.3
3	Phenol	94	6.531	6.505	(0.957)	37773	2.26513	45.32(M)
$ 5	2-Chlorophenol-d4	132	6.541	6.521	(0.958)	248867	23.9043	478.1
4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
6	2-Chlorophenol	128	Compound Not Detected.					
7	1,3-Dichlorobenzene	146	Compound Not Detected.					
* 8	1,4-Dichlorobenzene-d4	152	6.824	6.820	(1.000)	148189	20.0000	
9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$ 10	1,2-Dichlorobenzene-d4	152	7.129	7.114	(1.045)	99420	14.8414	296.8
12	1,2-Dichlorobenzene	146	Compound Not Detected.					
11	Benzyl alcohol	108	7.102	7.162	(1.041)	14765	1.94119	38.82(MH)
14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
13	2-Methylphenol	108	Compound Not Detected.					
17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	7.706	7.686	(1.129)	61171	5.45775	109.2(M)
$	18 Nitrobenzene-d5	82	7.775	7.771	(0.877)	226520	15.2455	304.9
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	8.753	8.813	(0.987)	67761	7.14319 LOL	142.9(MH)
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	8.871	8.872	(1.000)	563265	20.0000	
	28 Naphthalene	128	8.903	8.899	(1.004)	234088	6.76941	135.4(H)
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	10.019	10.015	(1.129)	62264	3.53459	70.69
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	10.676	10.677	(0.914)	363462	15.7874	315.7
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	11.435	11.436	(0.978)	20041	0.84510 LOL	16.90(M)
	40 Acenaphthylene	152	11.435	11.431	(0.978)	133724	4.10091	82.02
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	11.686	11.682	(1.000)	333421	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	11.734	11.730	(1.004)	59973	2.77056	55.41
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	11.996	11.992	(1.026)	119663	4.24445	84.89
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	12.578	12.585	(1.076)	13025	0.55983 LOL	11.20
	49 Fluorene	166	12.541	12.537	(1.073)	155910	6.48079	129.6
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	12.968	12.953	(1.110)	77003	26.8282	536.6
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	14.010	14.000	(1.000)	523860	20.0000	
	60 Phenanthrene	178	14.047	14.032	(1.003)	1643080	45.3827	907.7
	61 Anthracene	178	14.111	14.102	(1.007)	410274	11.2065	224.1
	62 Carbazole	167	14.432	14.412	(1.030)	128041	4.08756	81.75

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	63 Di-n-butylphthalate	149	15.228	15.197	(1.087)	94431	2.50791	50.16 (M)
	64 Fluoranthene	202	15.981	15.923	(1.141)	2309581	58.9213	1178
	65 Pyrene	202	16.307	16.260	(1.000)	2042313	70.3709	1407
$	66 Terphenyl-d14	244	16.670	16.634	(1.000)	439136	26.2104	524.2 (R)
	67 Butylbenzylphthalate	149	17.626	17.558	(0.000)	70454	5.79040	115.8 (M)
	68 Benzo(a)anthracene	228	18.267	18.199	(1.000)	721931	26.8230	536.5
*	69 Chrysene-d12	240	18.289	18.221	(1.000)	362137	20.0000	(M)
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	18.321	18.258	(1.000)	937486	35.4105	708.2 (H)
	72 bis(2-Ethylhexyl)phthalate	149	18.673	18.578	(0.955)	581943	25.0159	500.3 (M)
*	134 Di-n-octylphthalate-d4	153	19.560	19.503	(1.000)	738341	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	19.923	19.818	(0.976)	617730	21.8106	436.2 (M)
	75 Benzo(k)fluoranthene	252	19.923	19.850	(0.976)	506458	16.9274	338.5 (M)
	76 Benzo(a)pyrene	252	20.324	20.245	(0.996)	578417	22.932[illegible]	458.6 (M)
*	77 Perylene-d12	264	20.410	20.325	(1.000)	415986	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	21.740	21.661	(1.065)	146538	5.28556	105.7 (M)
	79 Dibenzo(a,h)anthracene	278	21.772	21.693	(1.067)	42844	1.88160	37.63 (M)
	80 Benzo(g,h,i)perylene	276	22.039	21.944	(1.080)	78979	3.16268	63.25 (M)
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	10.179	10.181	(1.148)	47128	2.64181	52.84
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71k2.d
Lab Smp Id: LR71KRE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

Calibration Date: 01-NOV-2007
Calibration Time: 14:35

Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	148189	1.93
27 Naphthalene-d8	530525	265262	1061050	563265	6.17
42 Acenaphthene-d10	280701	140350	561402	333421	18.78
59 Phenanthrene-d10	391934	195967	783868	523860	33.66
69 Chrysene-d12	354658	177329	709316	362137	2.11
134 Di-n-octylphthala	506314	253157	1012628	738341	45.83
77 Perylene-d12	400782	200391	801564	415986	3.79

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.82	0.06
27 Naphthalene-d8	8.87	8.37	9.37	8.87	-0.01
42 Acenaphthene-d10	11.68	11.18	12.18	11.69	0.03
59 Phenanthrene-d10	14.00	13.50	14.50	14.01	0.07
69 Chrysene-d12	18.22	17.72	18.72	18.29	0.37
134 Di-n-octylphthala	19.50	19.00	20.00	19.56	0.29
77 Perylene-d12	20.33	19.83	20.83	20.41	0.41

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

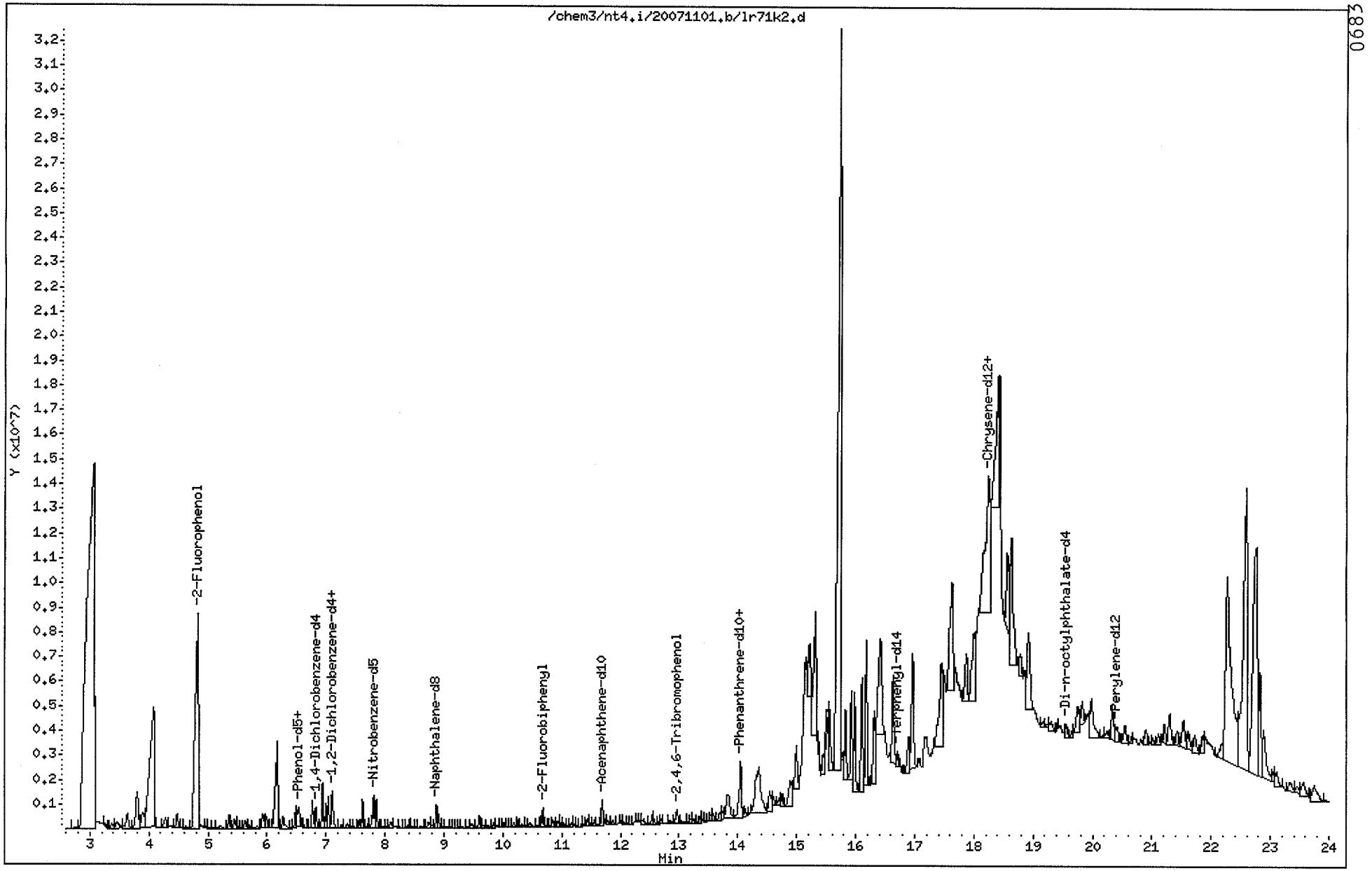
RECOVERY REPORT

Client Name:
Client SDG: 20071101
Sample Matrix: SOLID
Fraction: SV
Lab Smp Id: LR71KRE
Level: LOW
Operator: VTS
Data Type: MS DATA
SampleType: SAMPLE
SpikeList File: PSDDALCS.spk
Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	387.5	51.67	11-84
$ 2 Phenol-d5	750.0	489.3	65.23	25-86
$ 5 2-Chlorophenol-d4	750.0	478.1	63.74	23-91
$ 10 1,2-Dichlorobenzen	500.0	296.8	59.37	24-90
$ 18 Nitrobenzene-d5	500.0	304.9	60.98	26-88
$ 36 2-Fluorobiphenyl	500.0	315.7	63.15	34-91
$ 55 2,4,6-Tribromophen	750.0	536.6	71.54	35-107
$ 66 Terphenyl-d14	500.0	524.2	104.84*	22-100

Data File: /chem3/nt4.i/20071101.b/lr71k2.d
Date : 01-NOV-2007 22:23
Client ID:
Sample Info: LR71KRE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32



Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

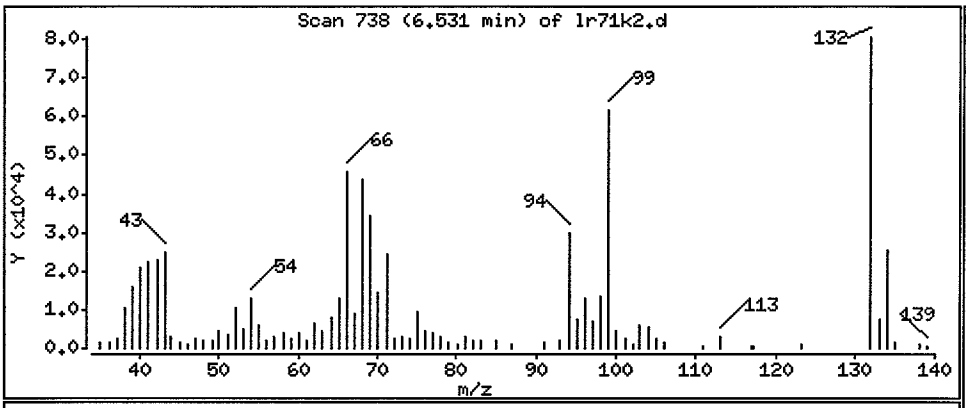
Operator: VTS

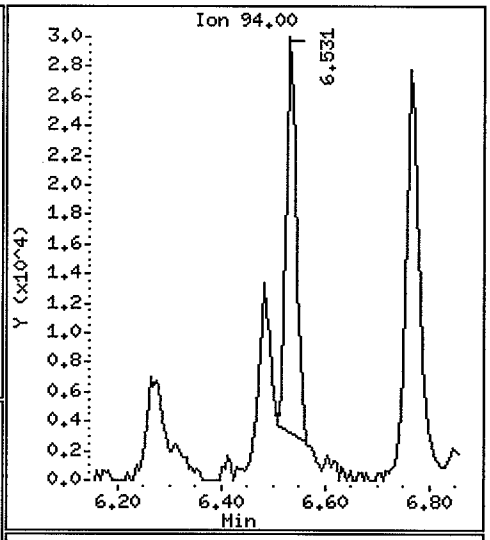
Column phase: ZB-5

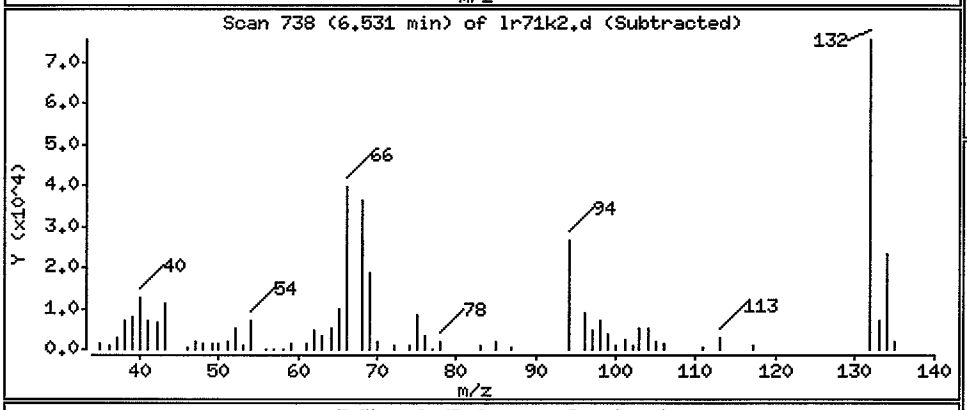
Column diameter: 0.32

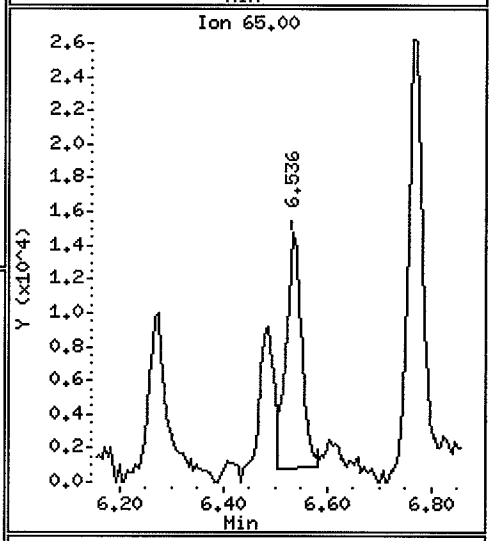
3 Phenol

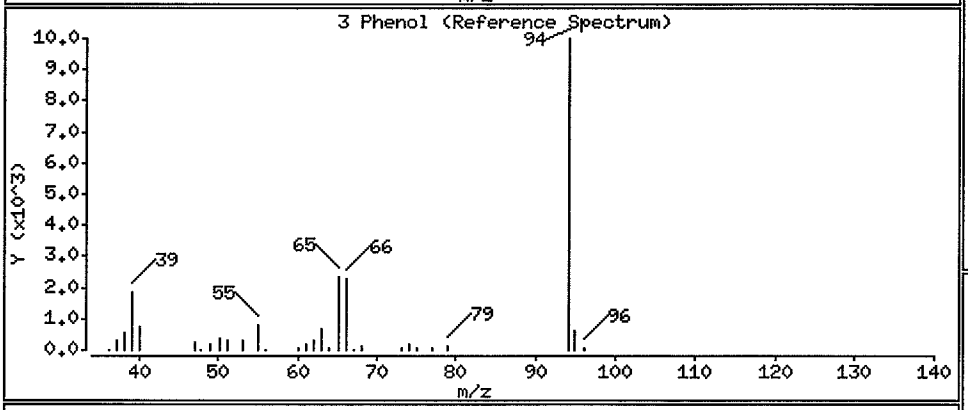
Concentration: 45.32 ug/Kg

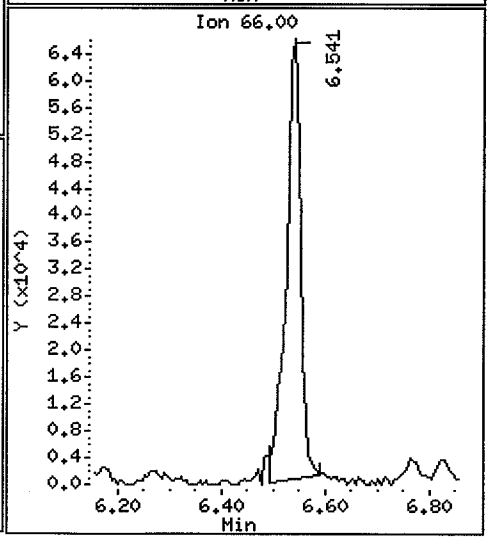


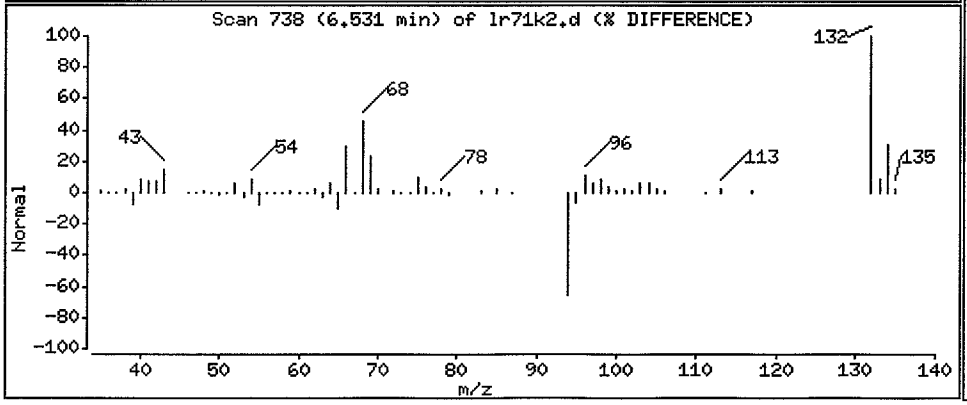












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

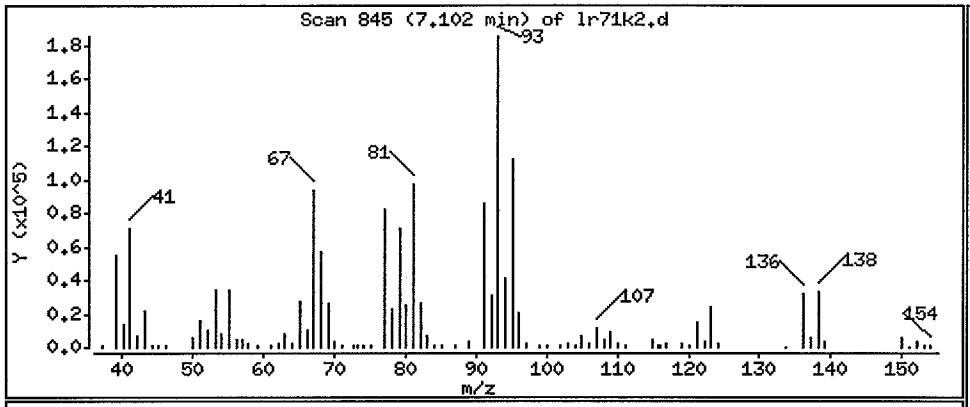
Operator: VTS

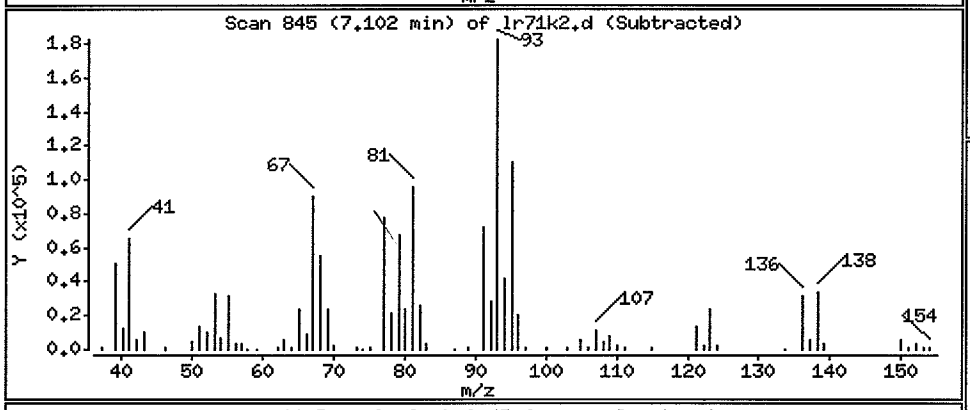
Column phase: ZB-5

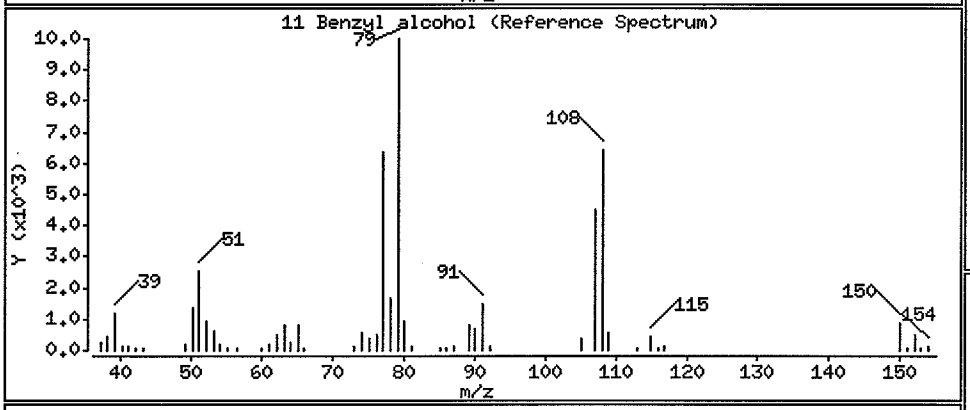
Column diameter: 0.32

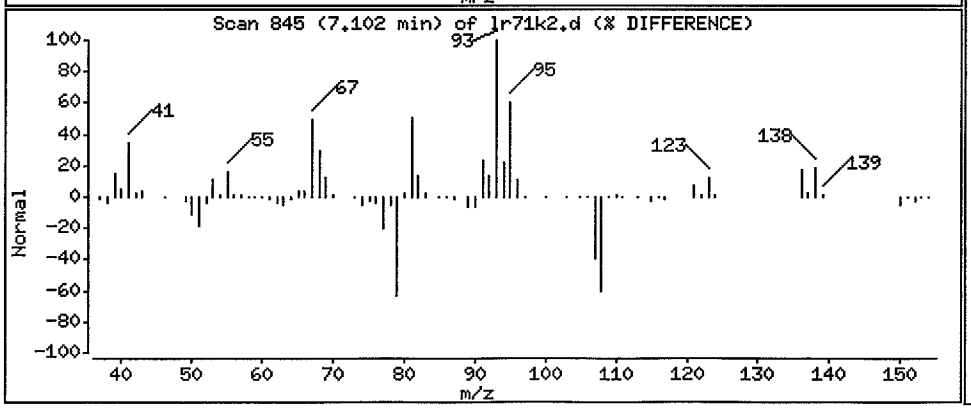
11 Benzyl alcohol

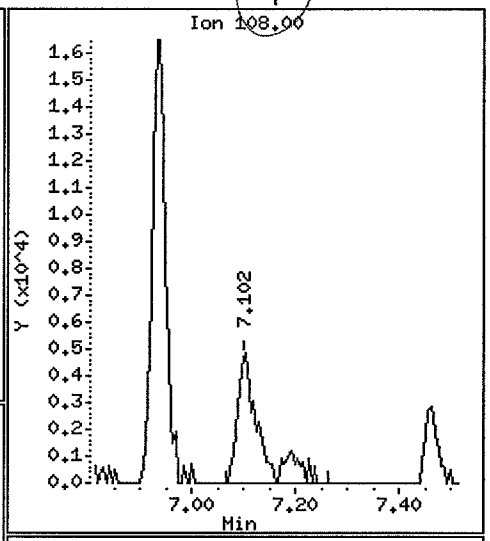
Concentration: 38.82 ug/Kg

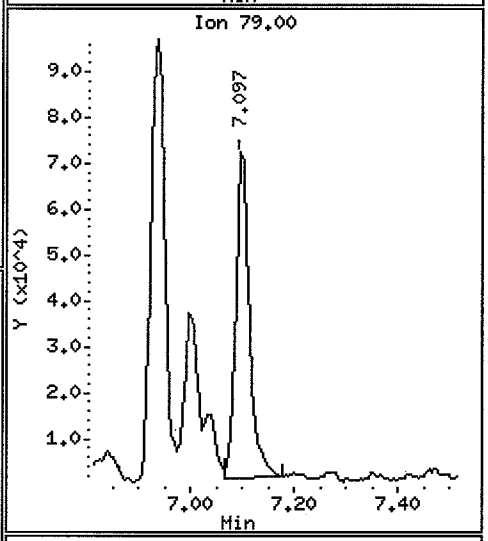


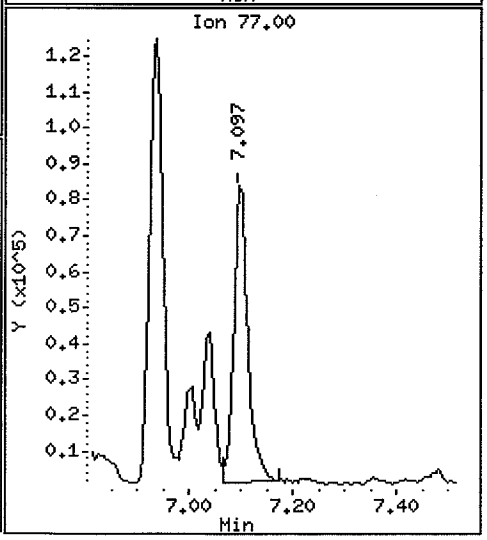












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

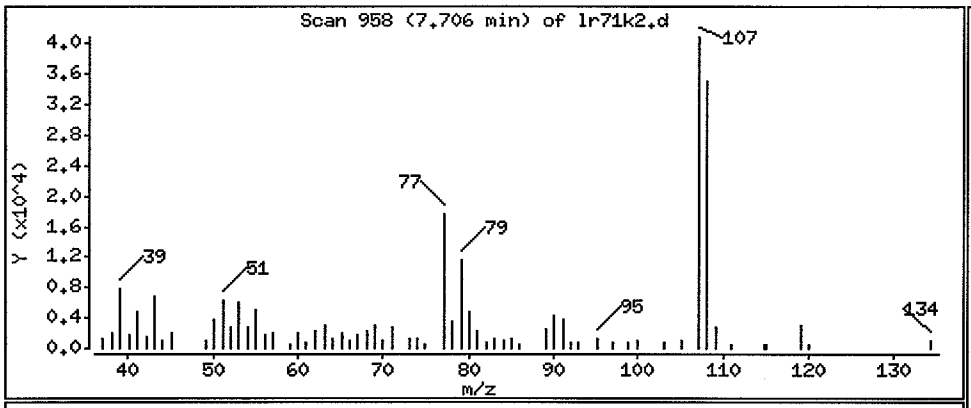
Operator: VTS

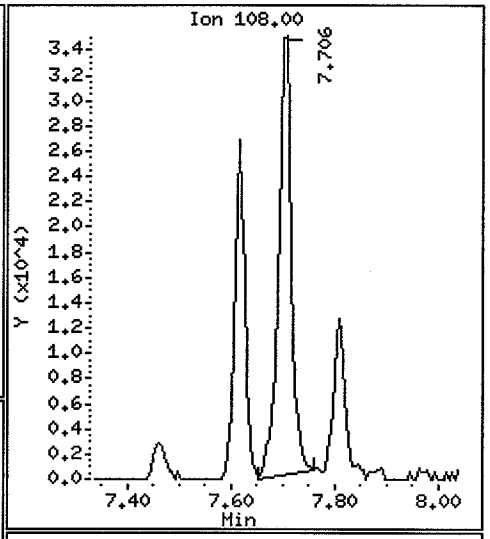
Column phase: ZB-5

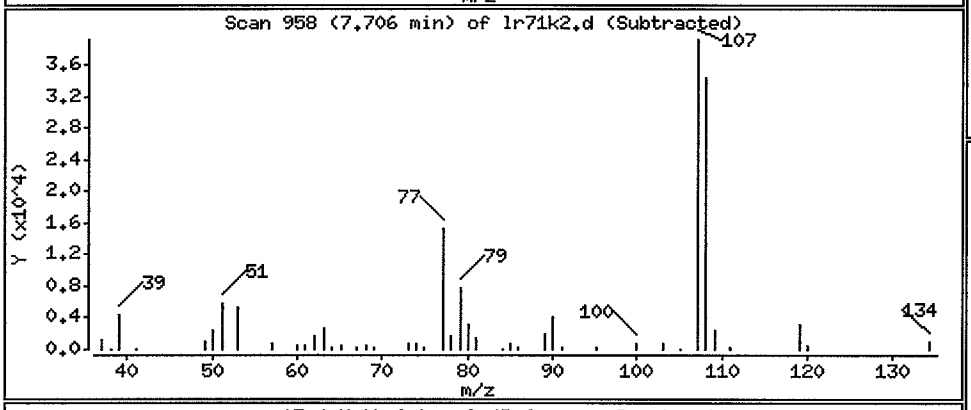
Column diameter: 0.32

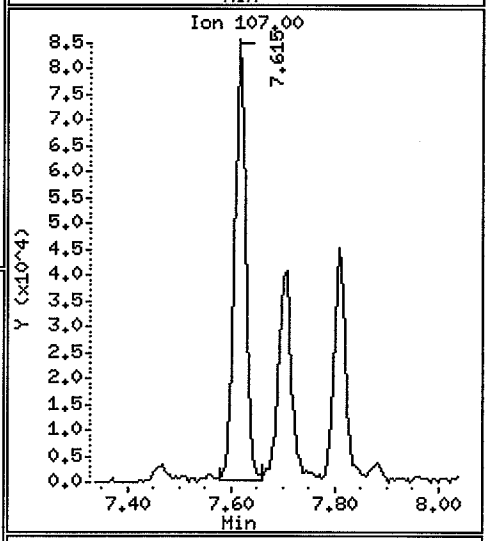
15 4-Methylphenol

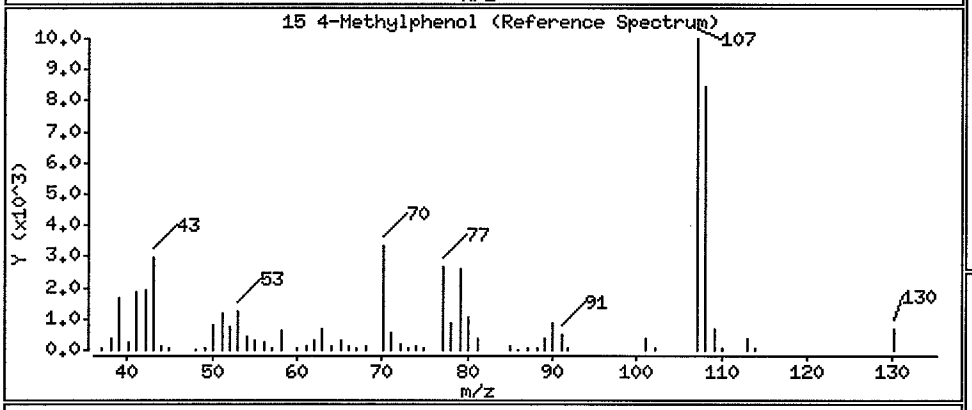
Concentration: 109.2 ug/Kg

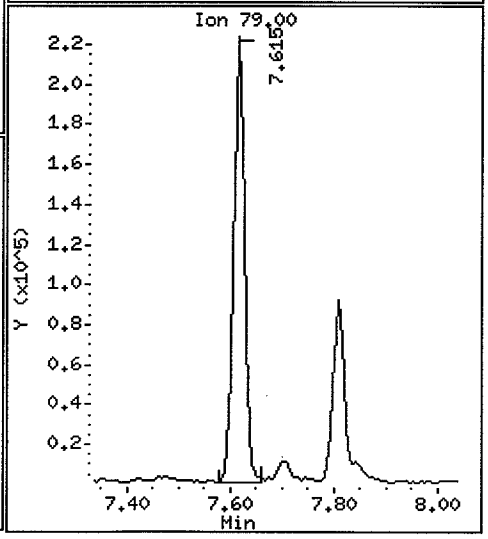


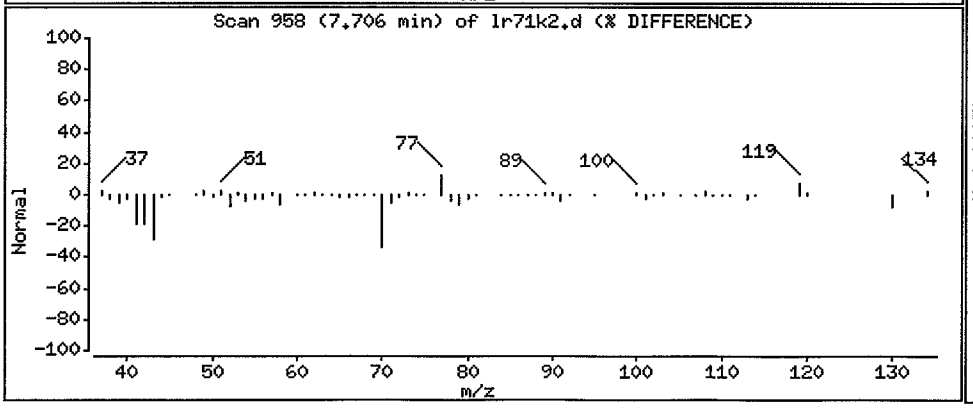












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

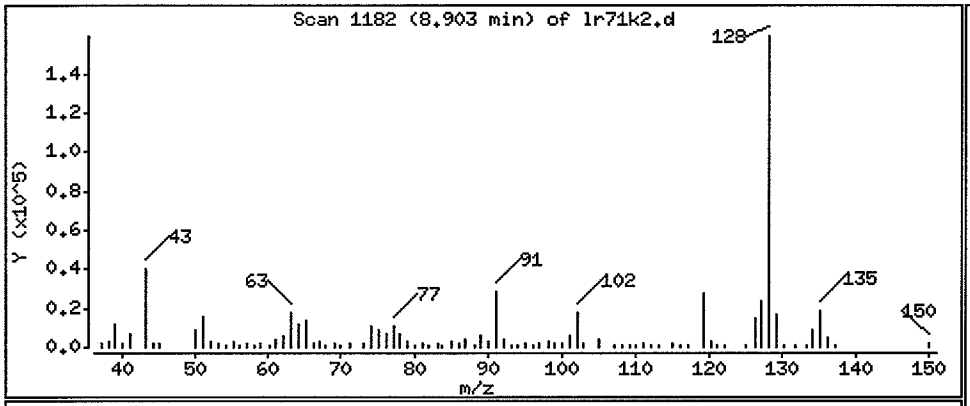
Operator: VTS

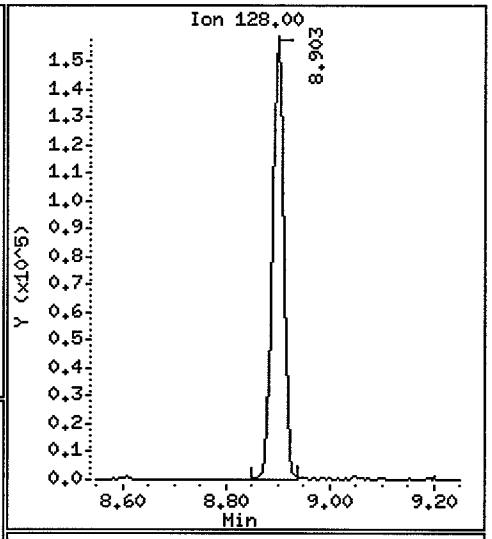
Column phase: ZB-5

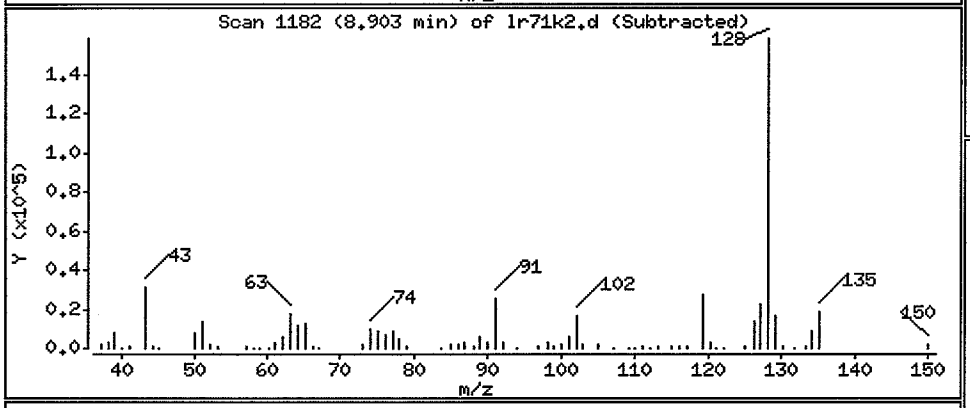
Column diameter: 0.32

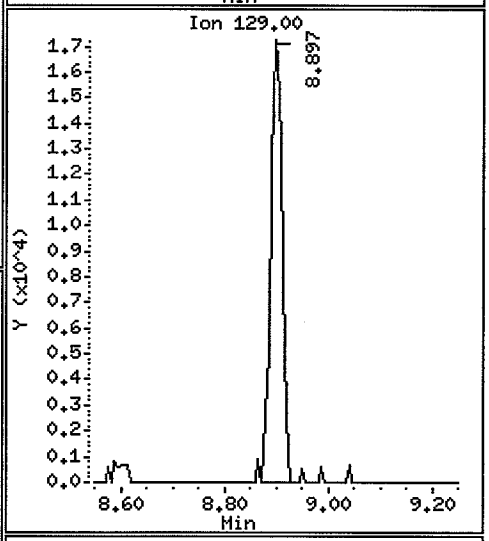
28 Naphthalene

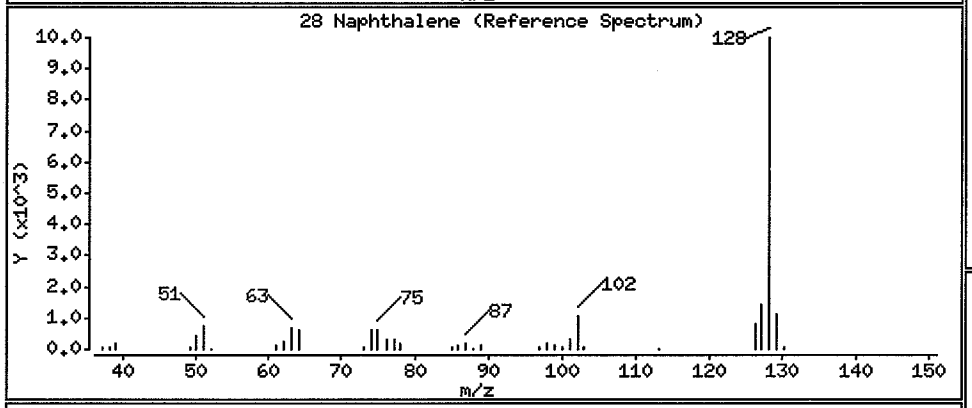
Concentration: 135.4 ug/Kg

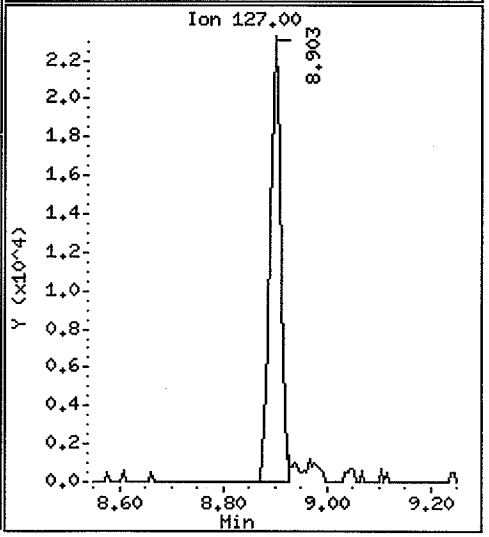


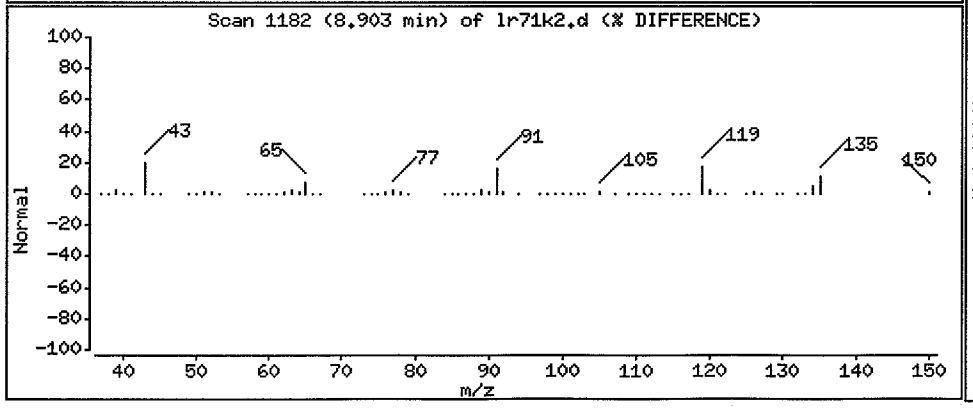












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

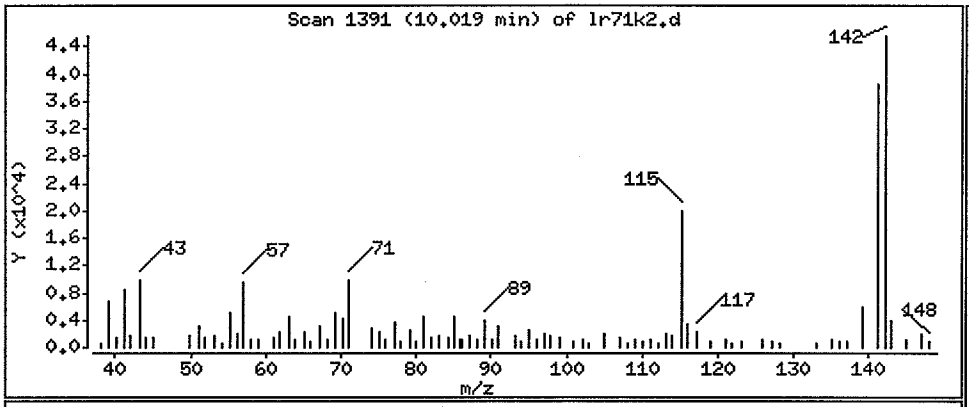
Operator: VTS

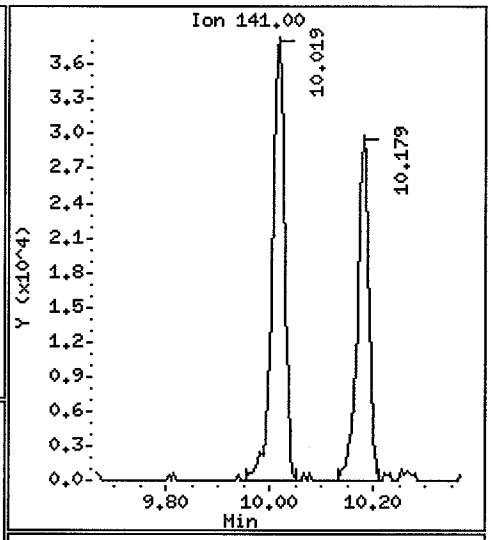
Column phase: ZB-5

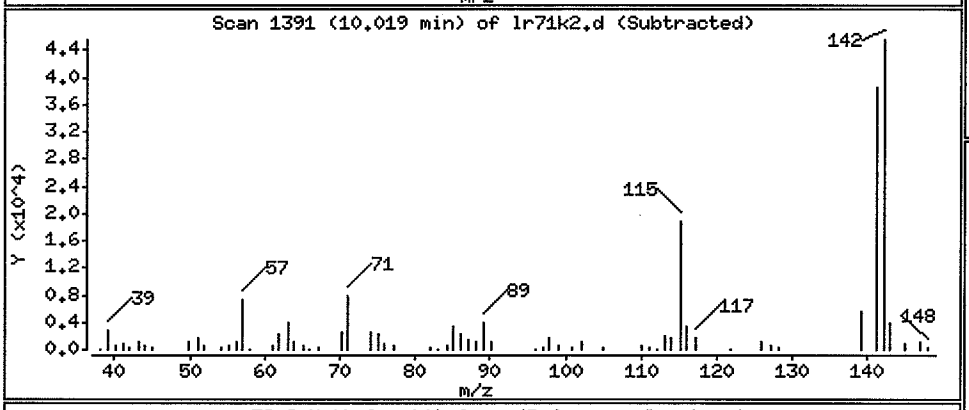
Column diameter: 0.32

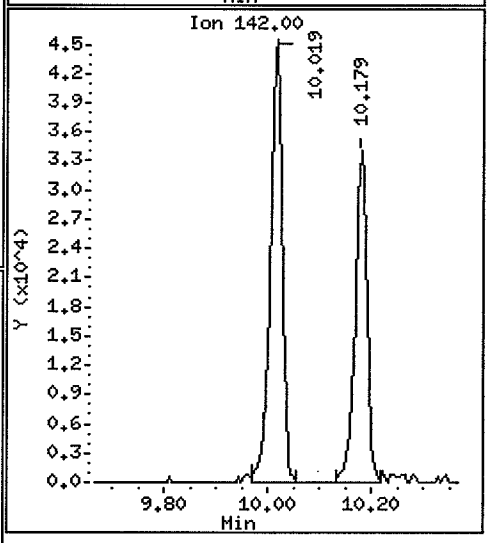
32 2-Methylnaphthalene

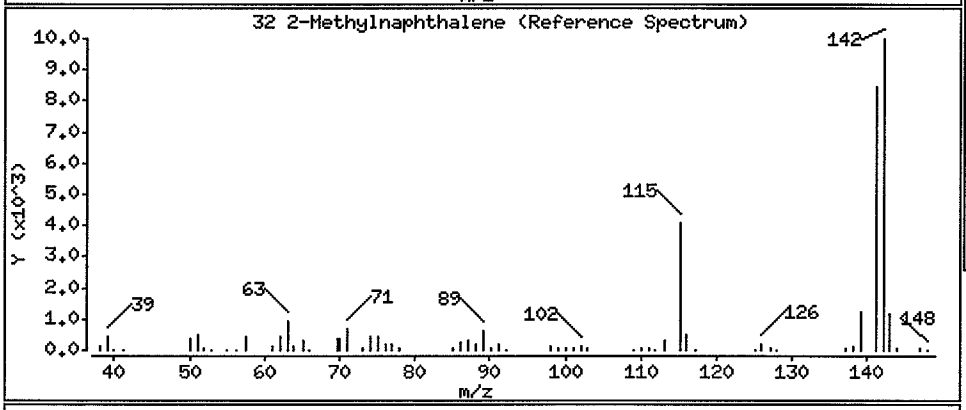
Concentration: 70.69 ug/Kg

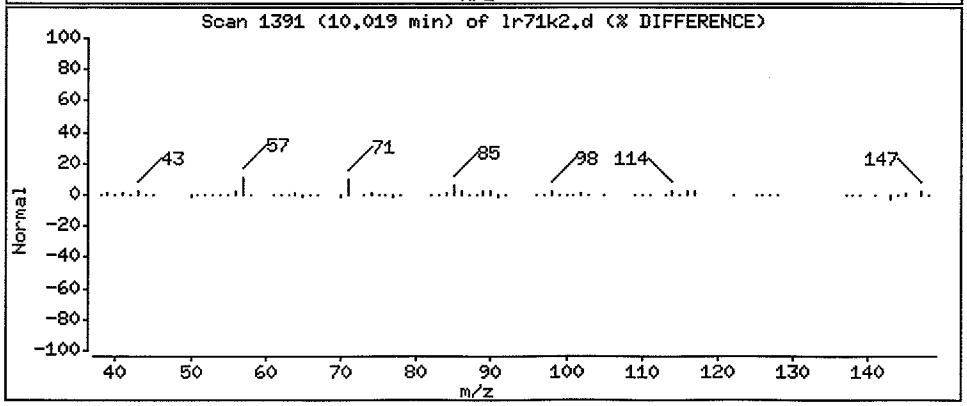












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

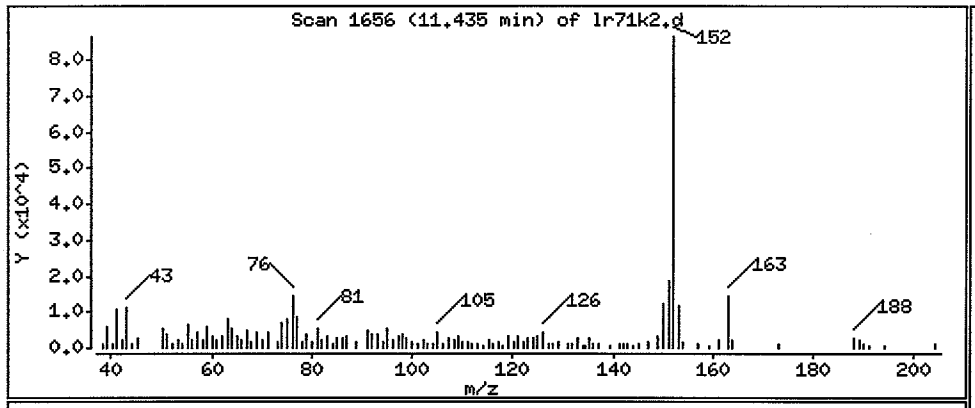
Operator: VTS

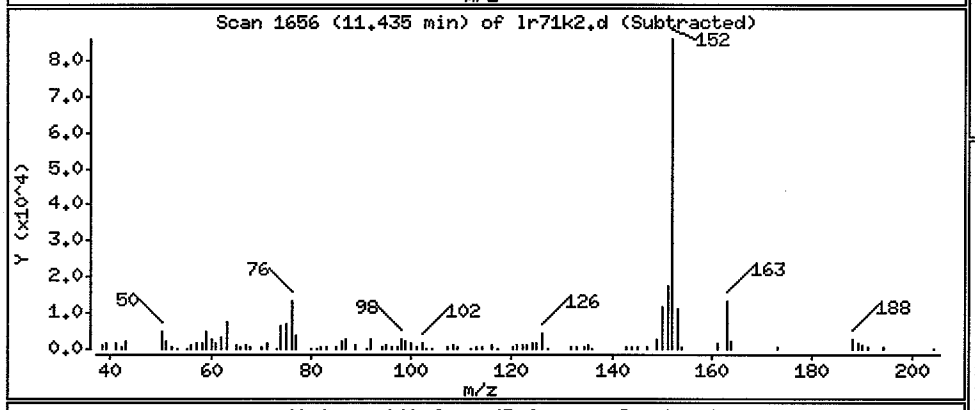
Column phase: ZB-5

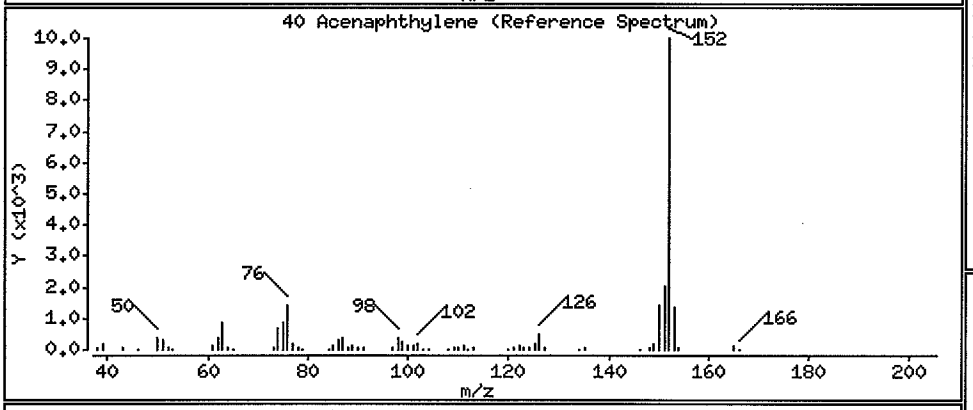
Column diameter: 0.32

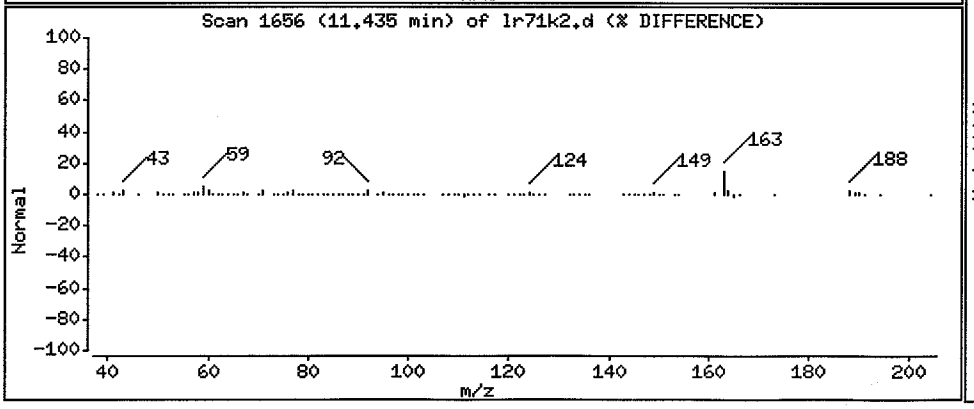
40 Acenaphthylene

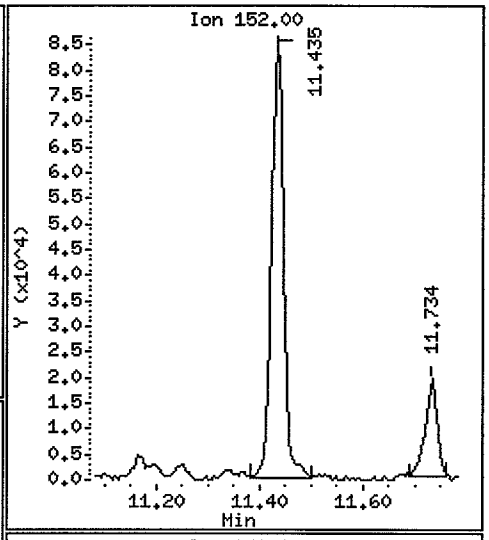
Concentration: 82.02 ug/Kg

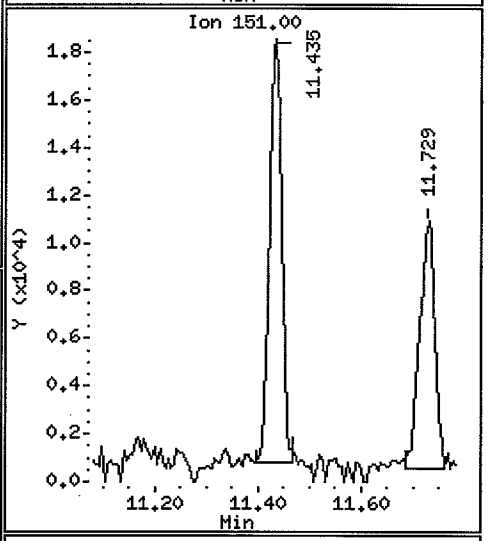


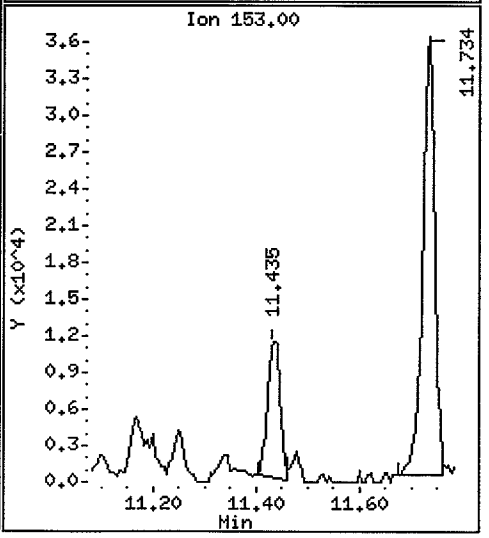












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

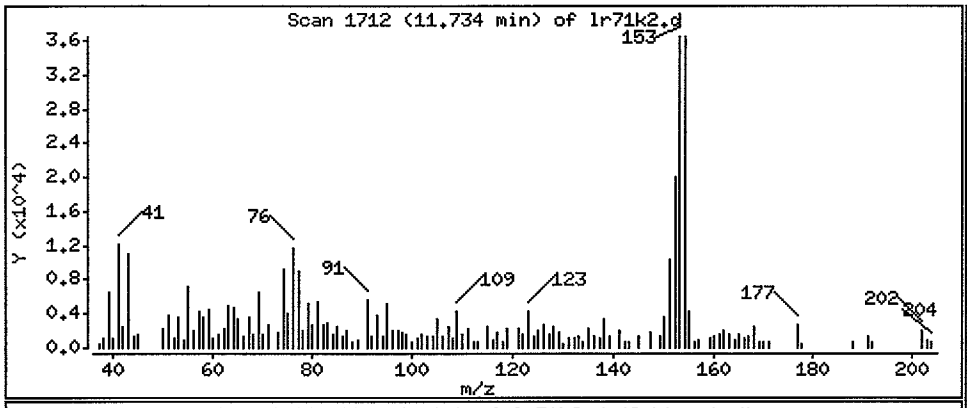
Operator: VTS

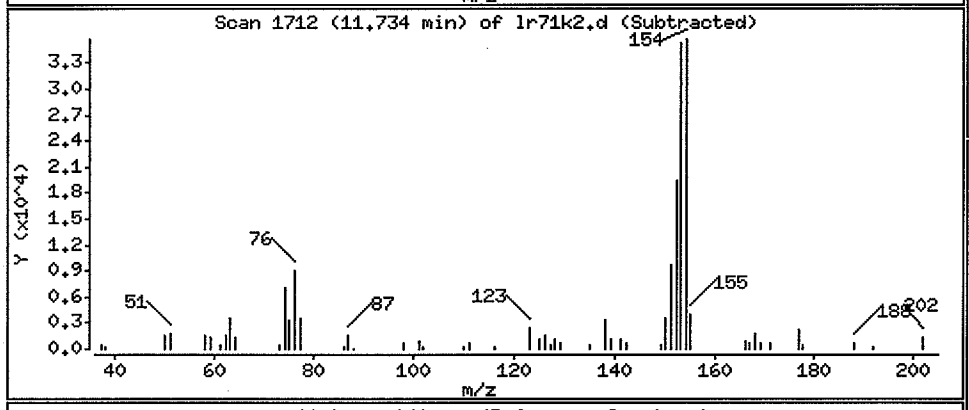
Column phase: ZB-5

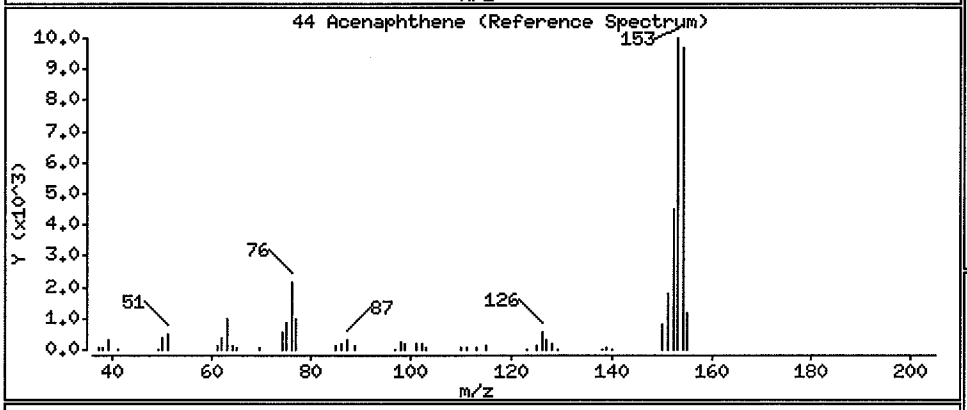
Column diameter: 0.32

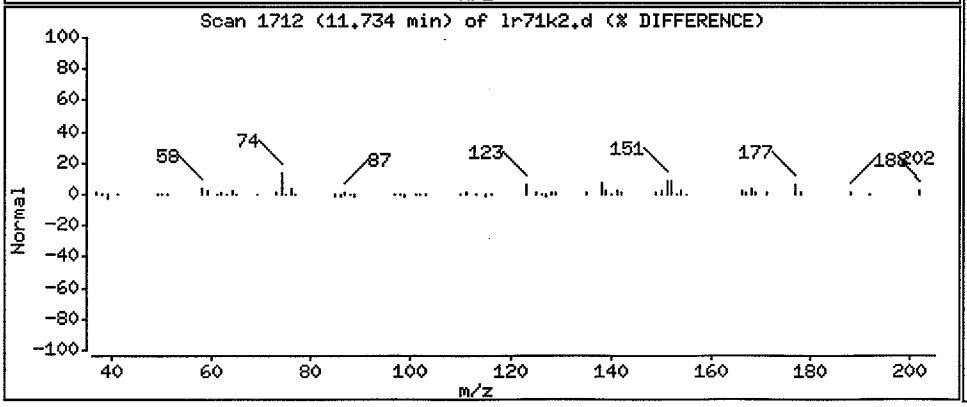
44 Acenaphthene

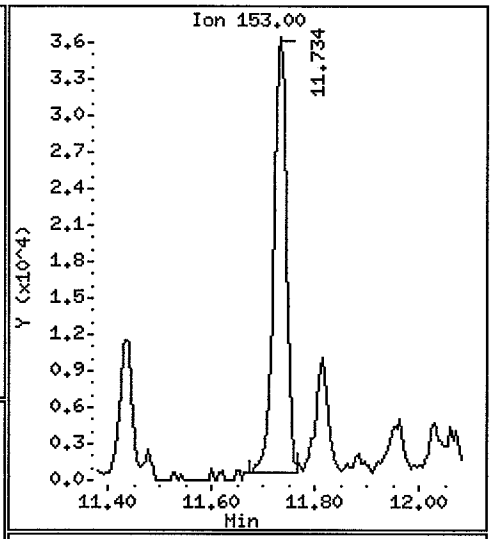
Concentration: 55.41 ug/Kg

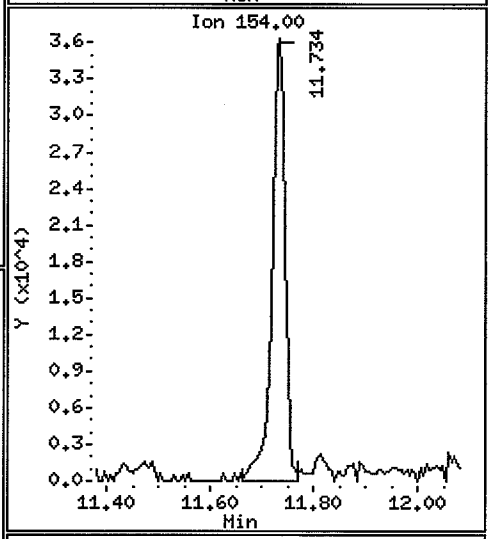


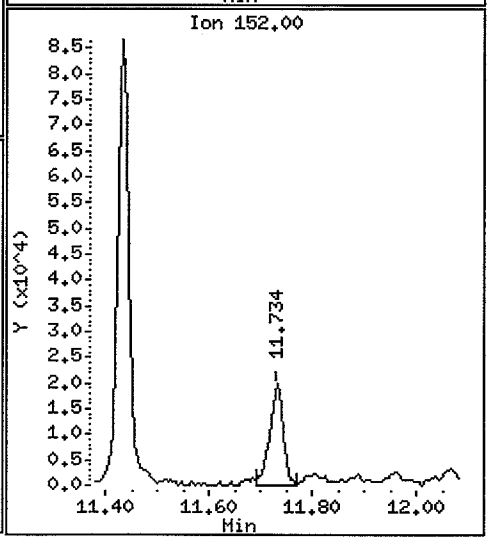












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

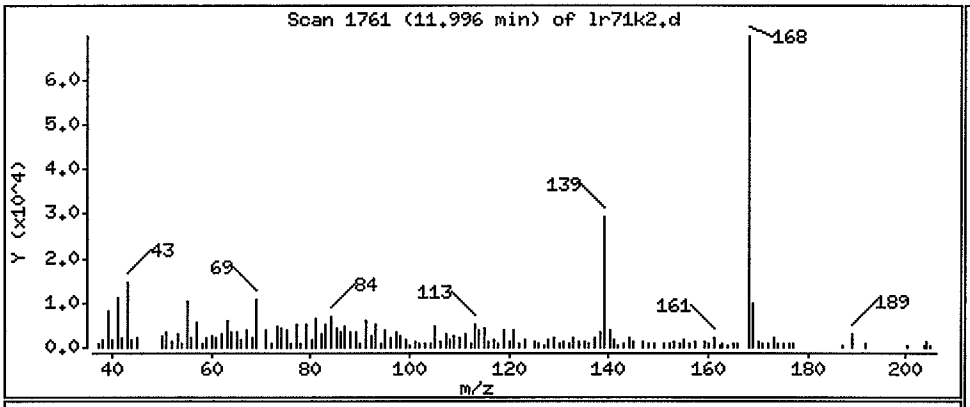
Operator: VTS

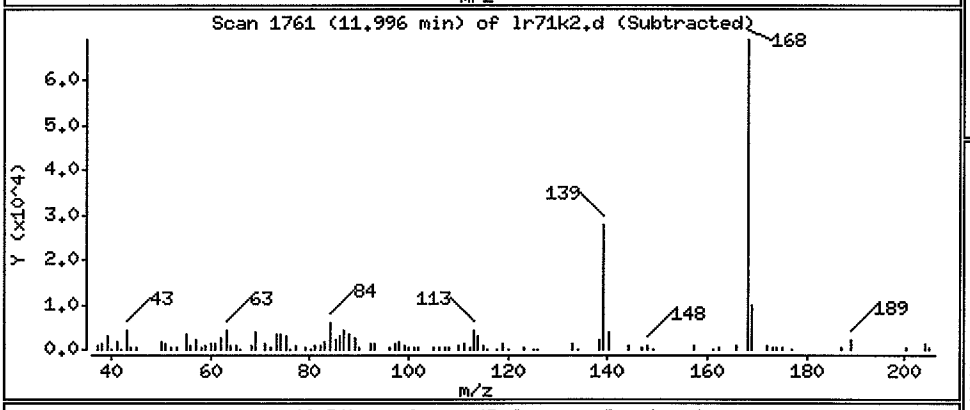
Column phase: ZB-5

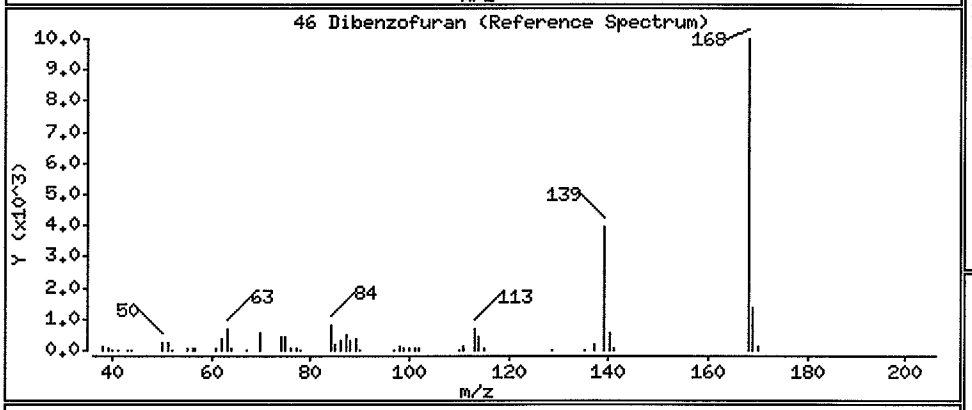
Column diameter: 0.32

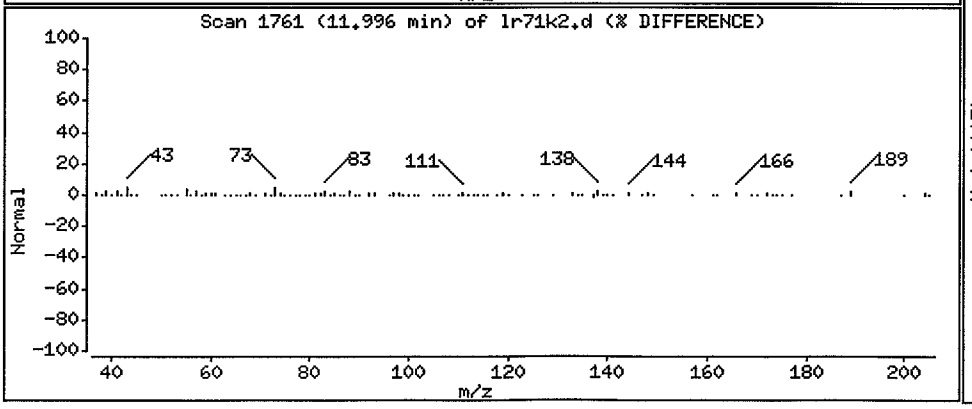
46 Dibenzofuran

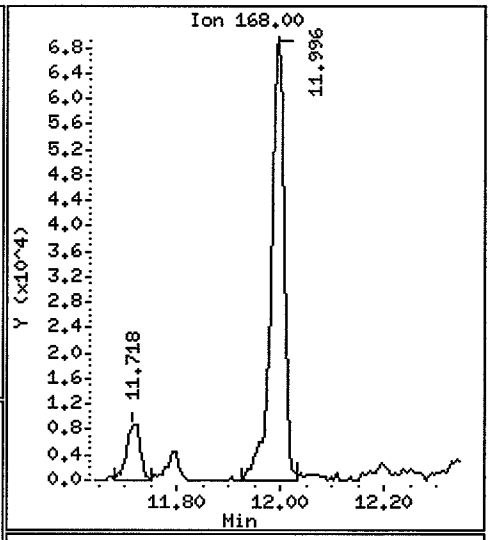
Concentration: 84.89 ug/Kg

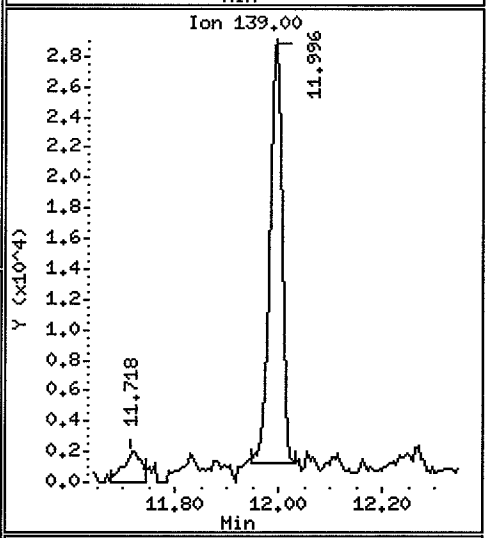


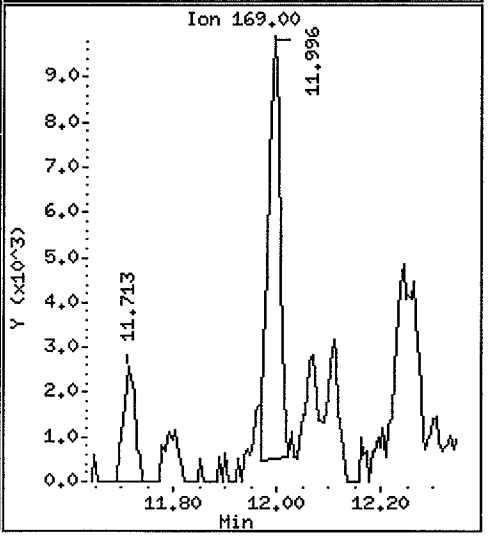












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

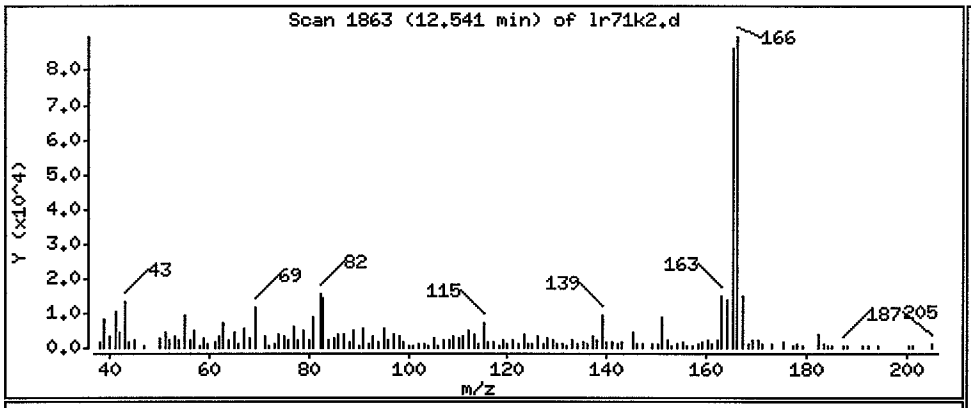
Operator: VTS

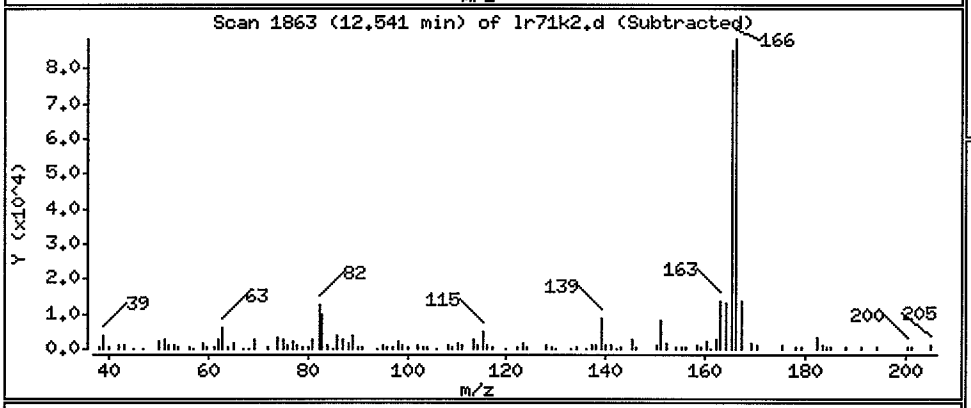
Column phase: ZB-5

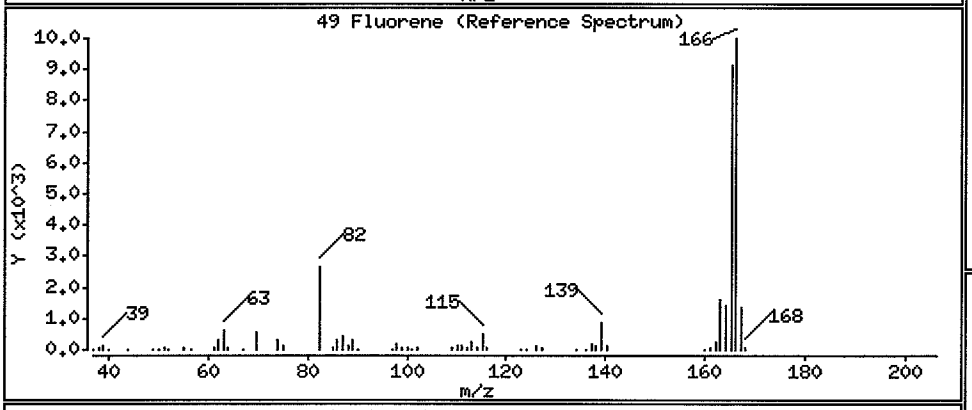
Column diameter: 0.32

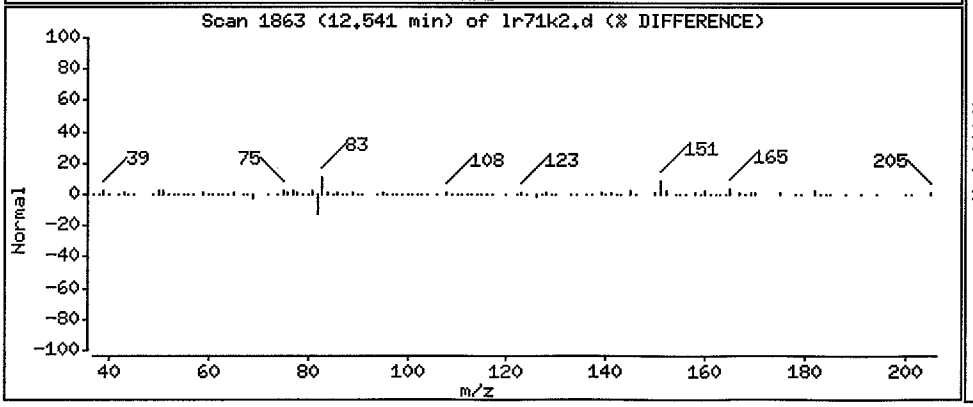
49 Fluorene

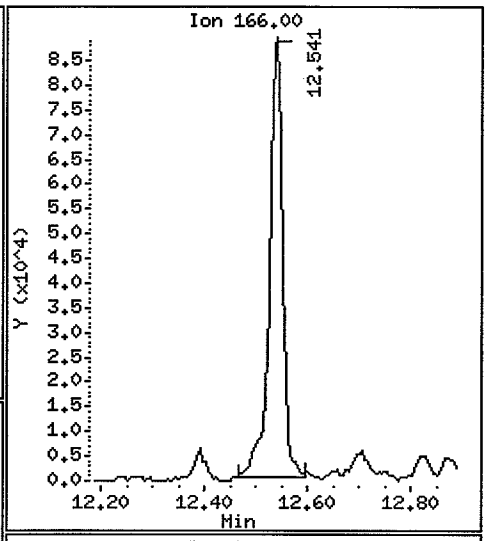
Concentration: 129.6 ug/Kg

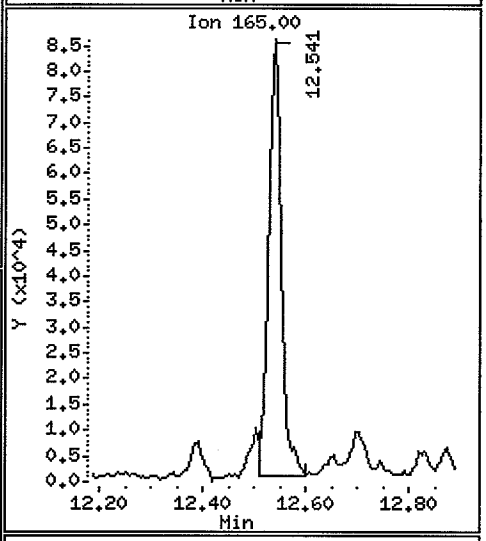


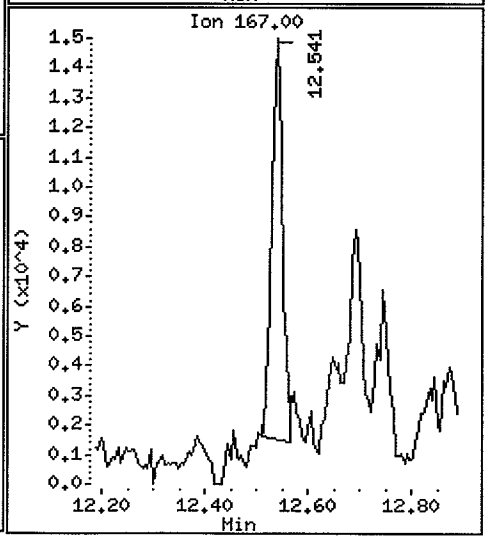












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

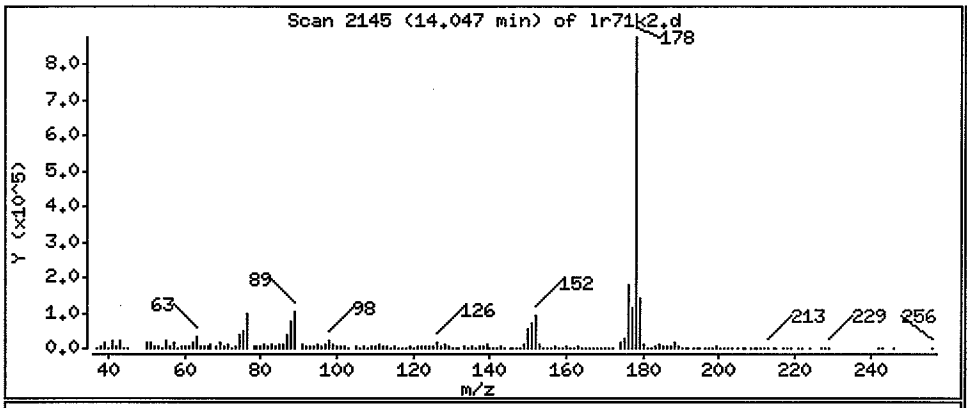
Operator: VTS

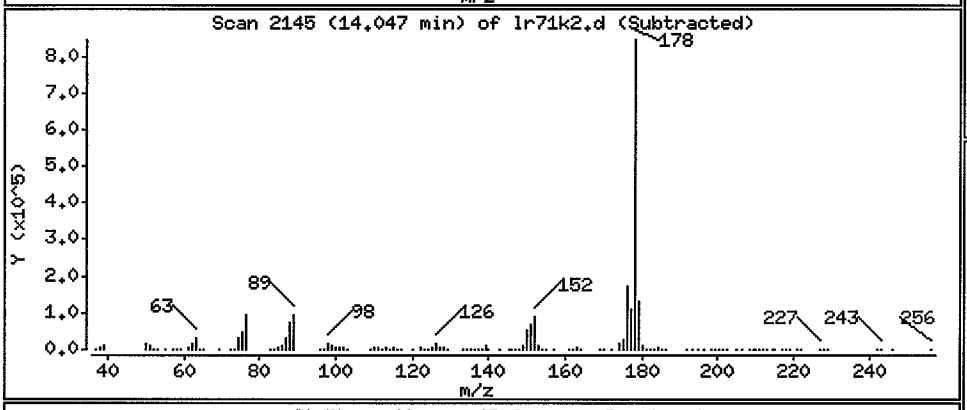
Column phase: ZB-5

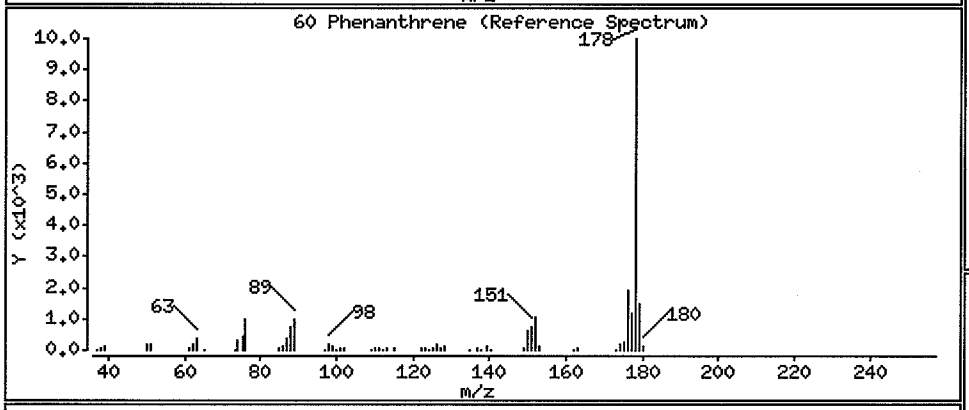
Column diameter: 0.32

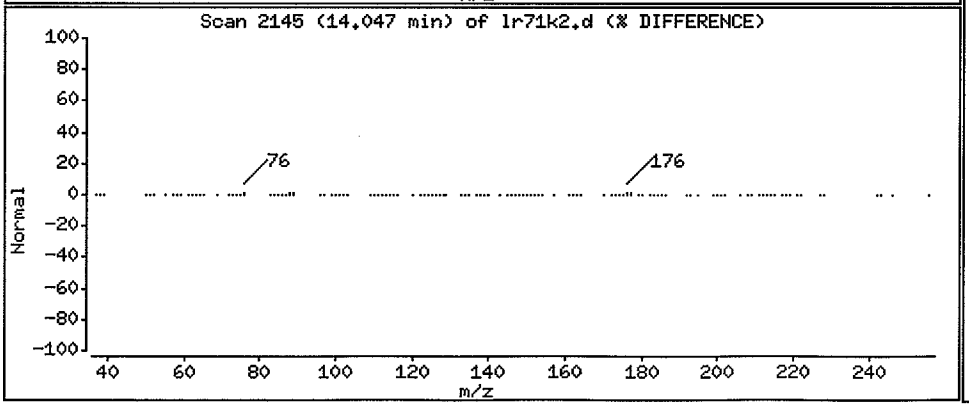
60 Phenanthrene

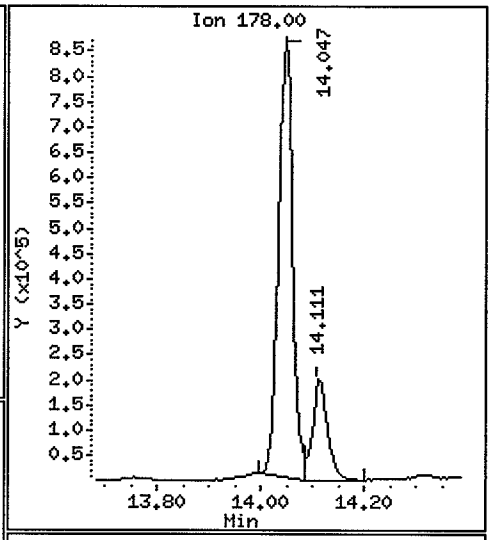
Concentration: 907.7 ug/Kg

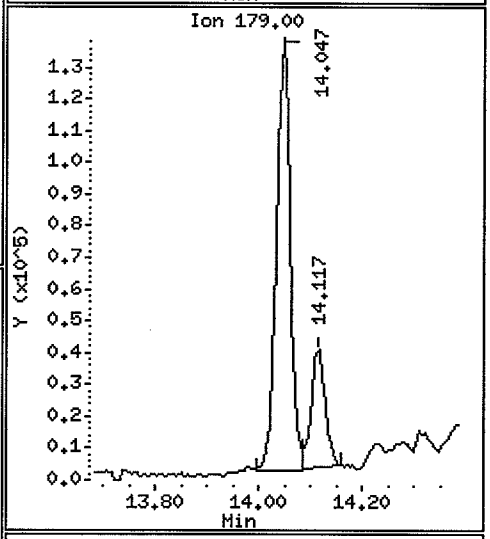


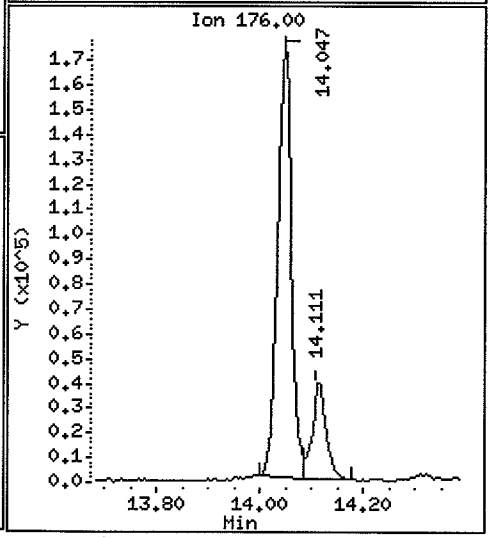












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

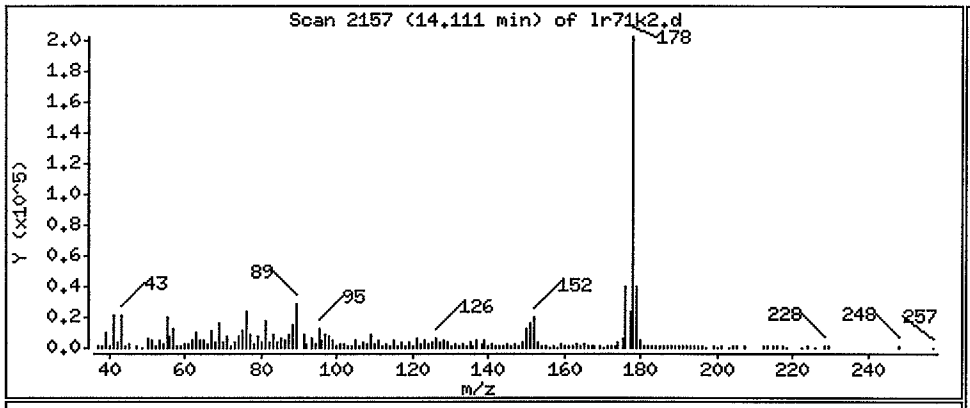
Operator: VTS

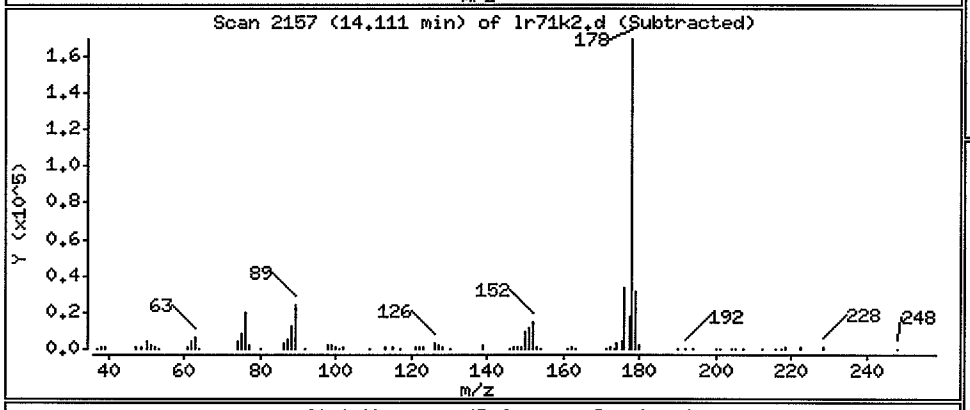
Column phase: ZB-5

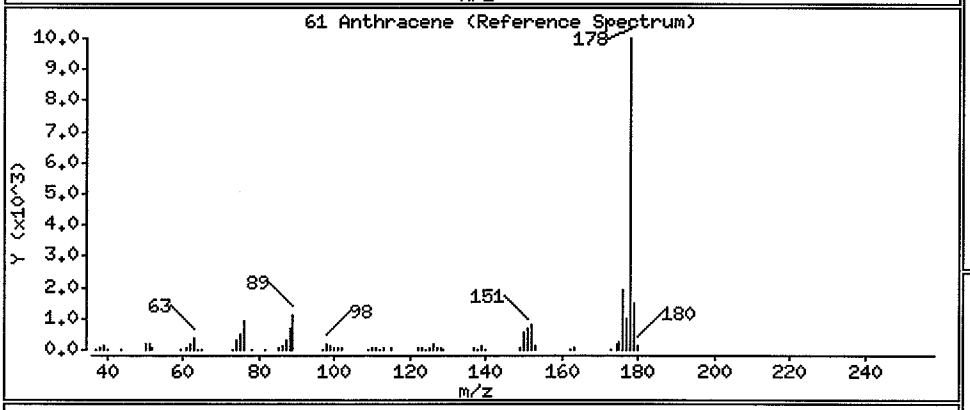
Column diameter: 0.32

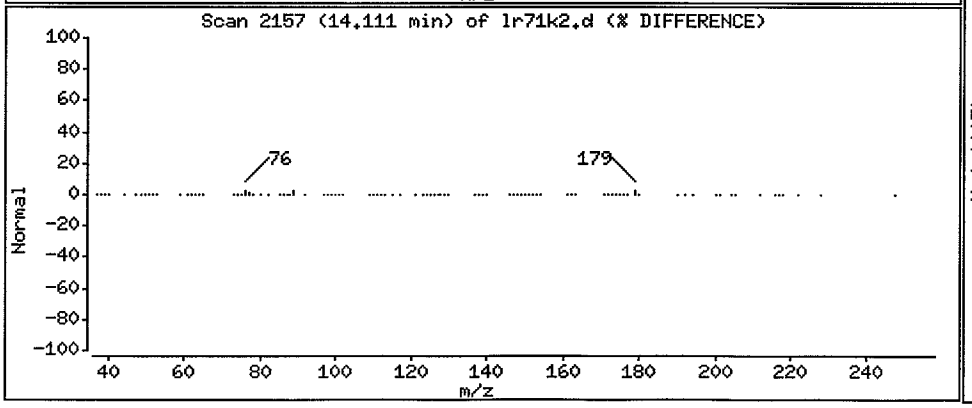
61 Anthracene

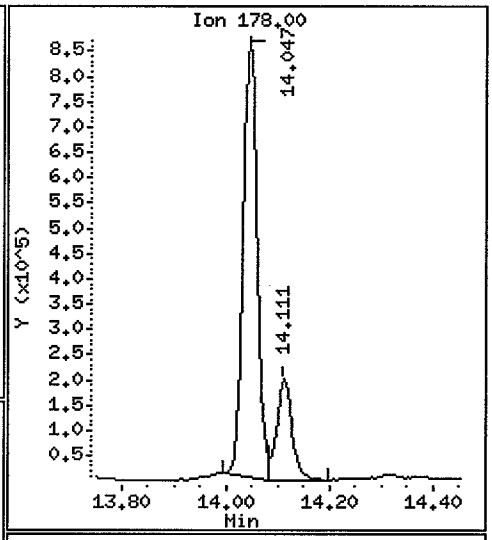
Concentration: 224.1 ug/Kg

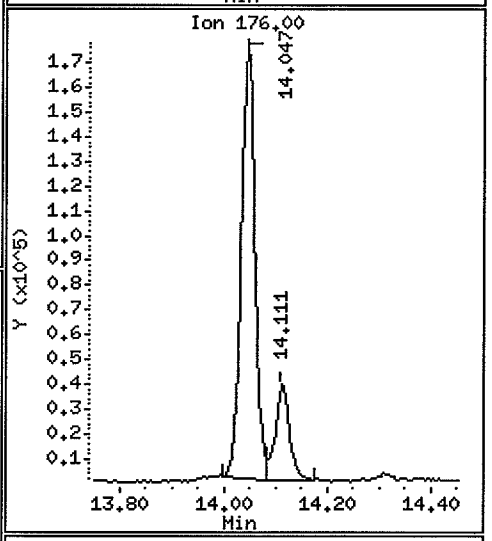


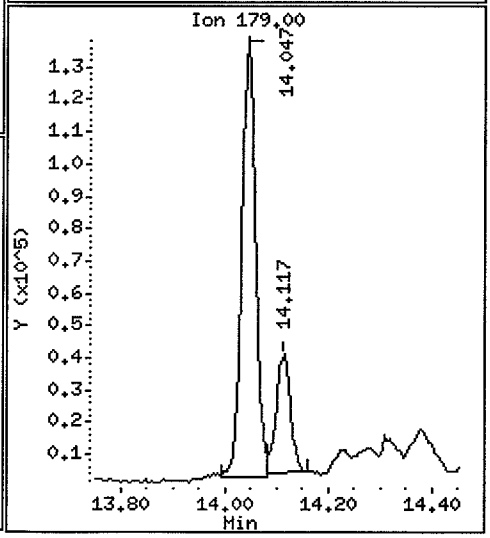












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

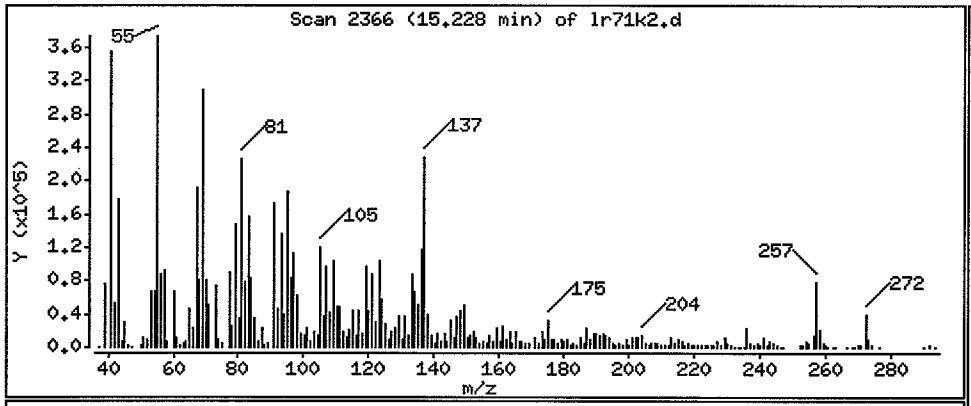
Operator: VTS

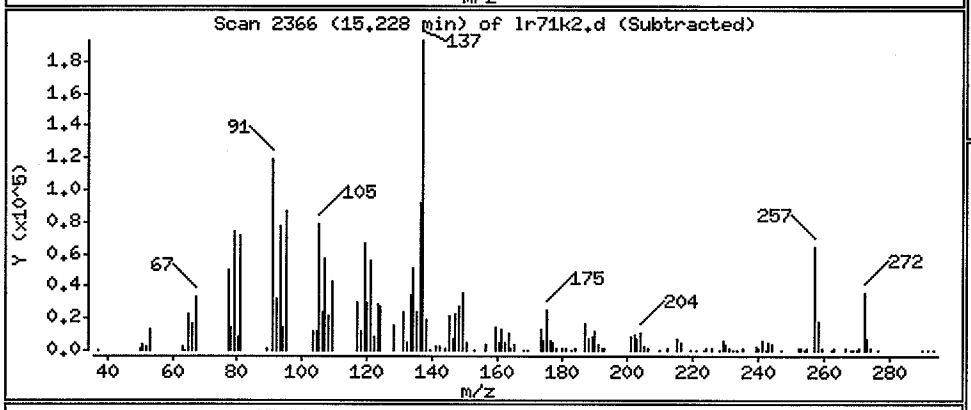
Column phase: ZB-5

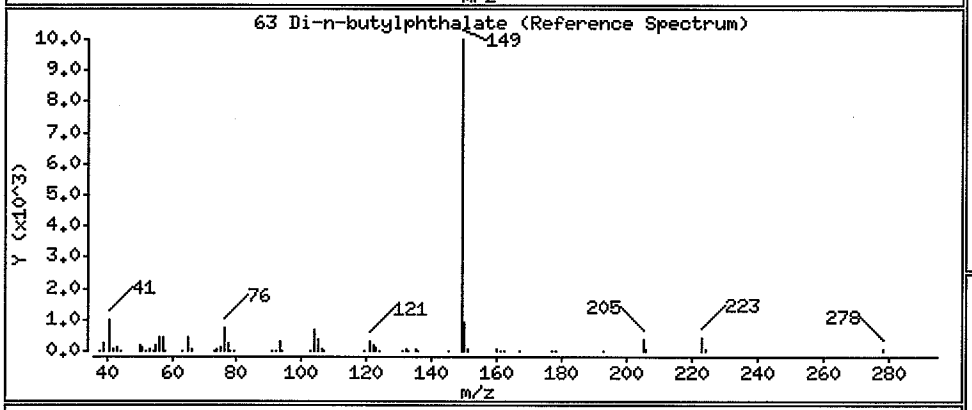
Column diameter: 0.32

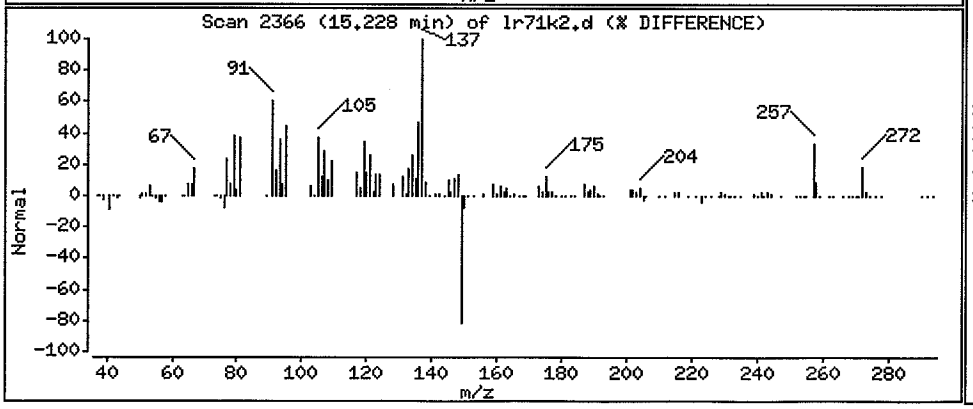
63 Di-n-butylphthalate

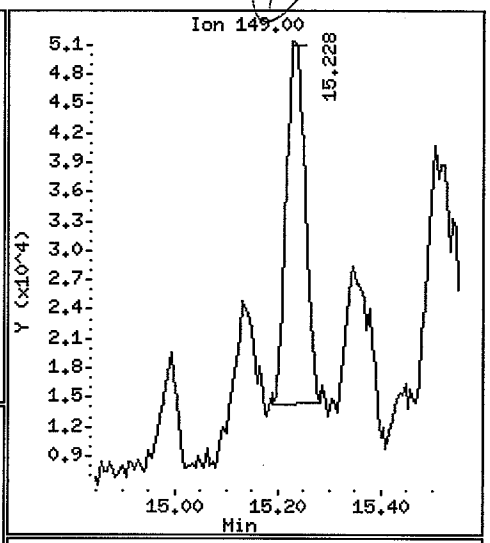
Concentration: 50.16 ug/Kg

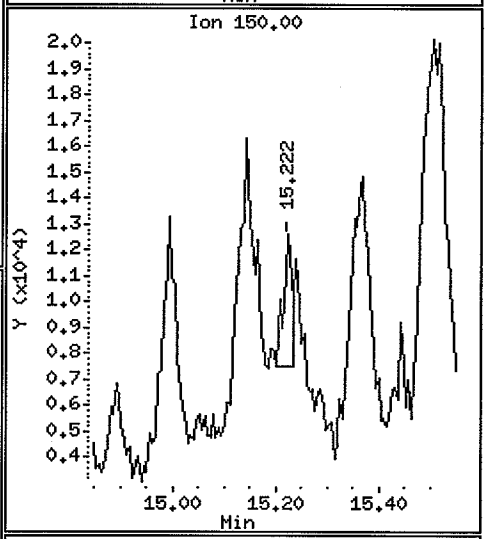


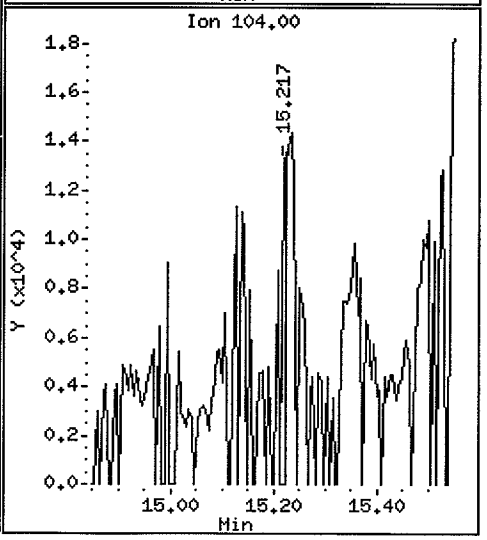












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

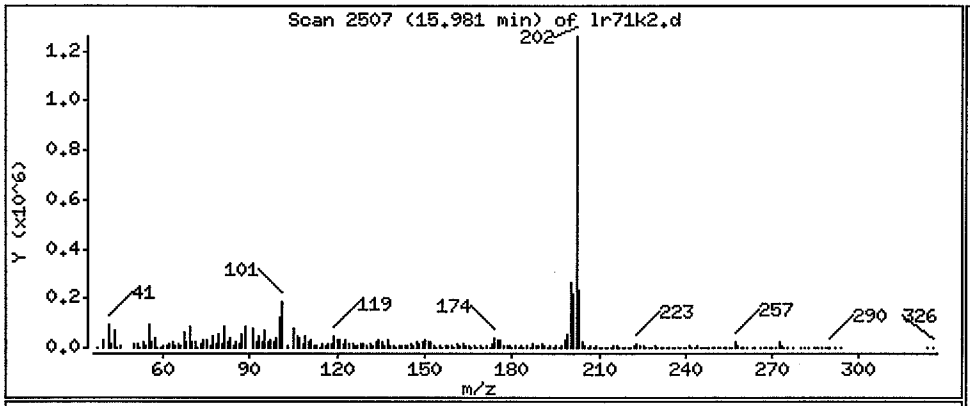
Operator: VTS

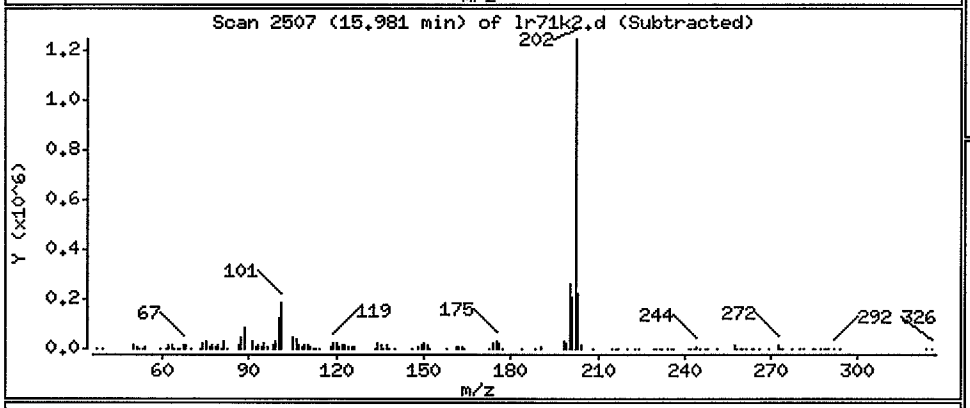
Column phase: ZB-5

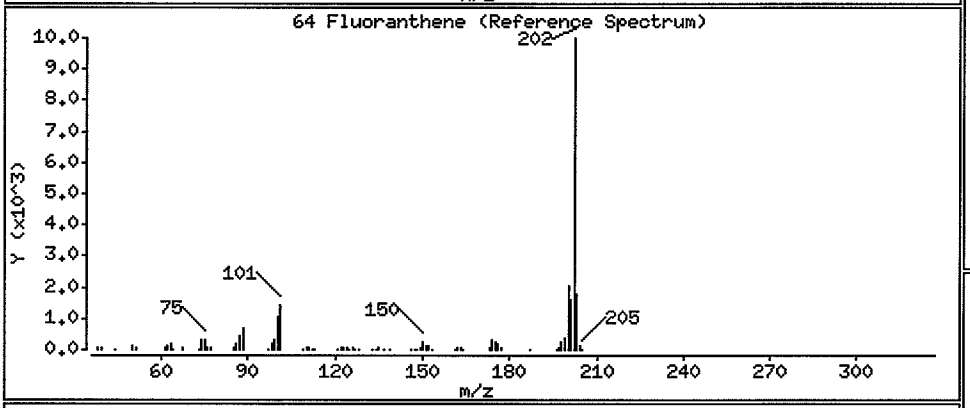
Column diameter: 0.32

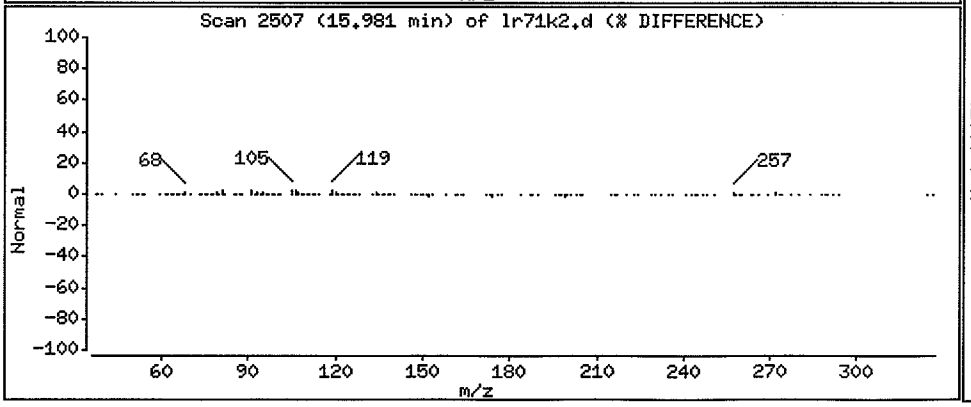
64 Fluoranthene

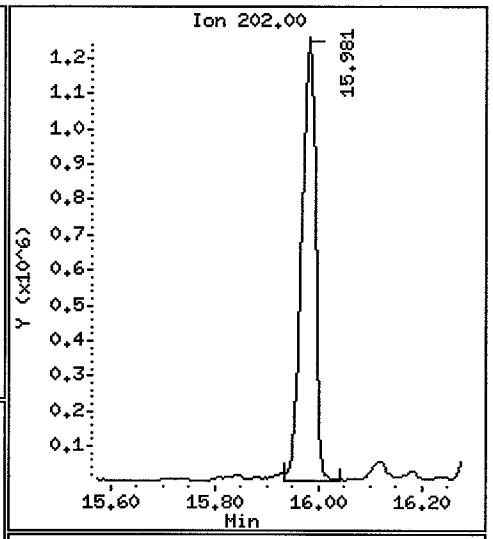
Concentration: 1178 ug/Kg

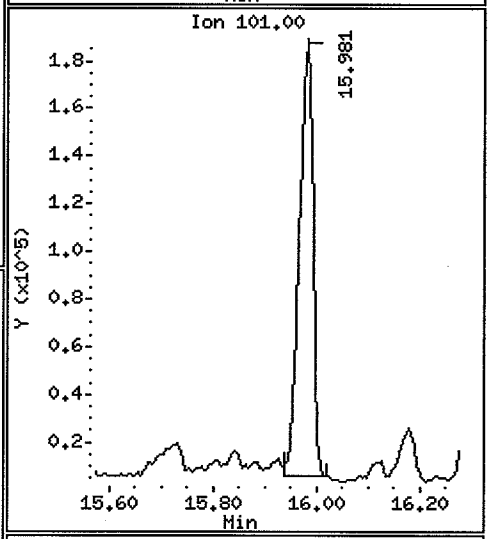


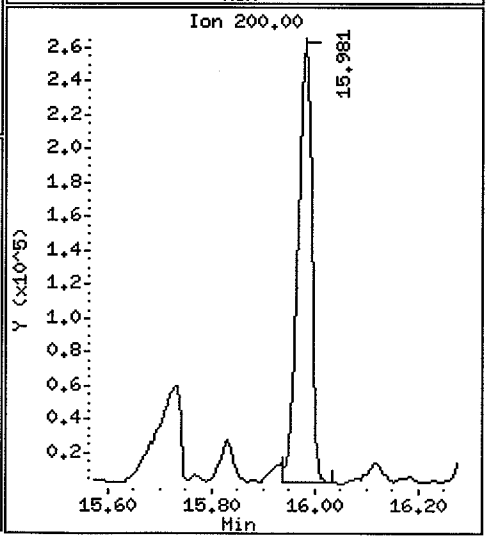












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

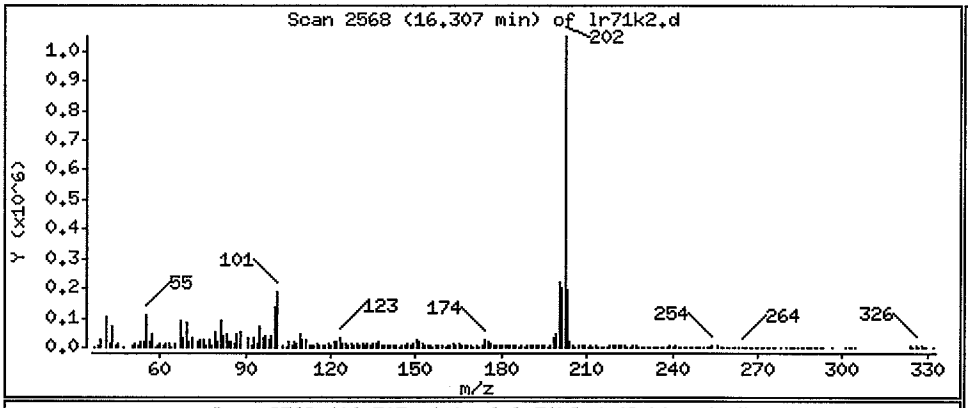
Operator: VTS

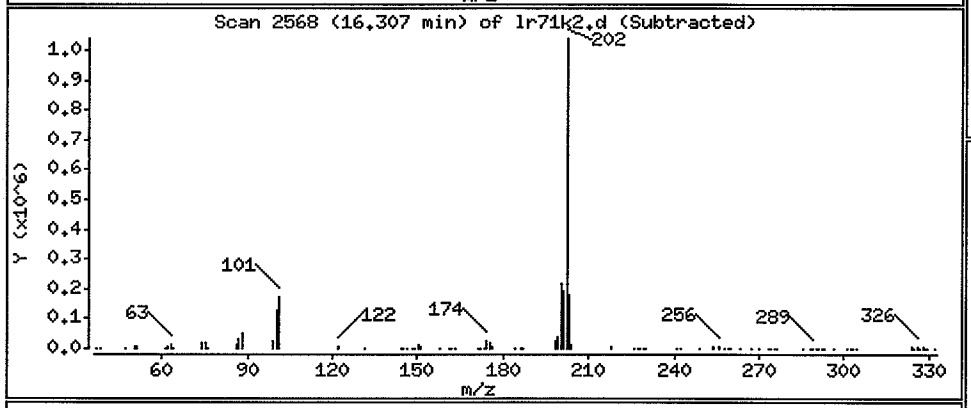
Column phase: ZB-5

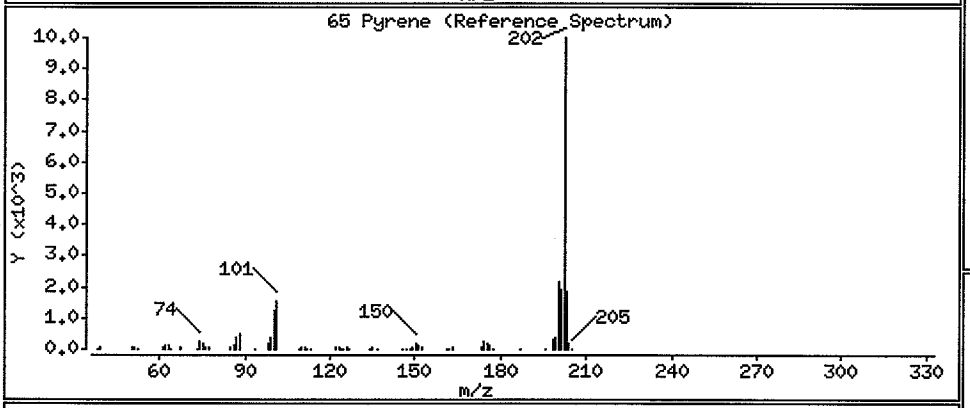
Column diameter: 0.32

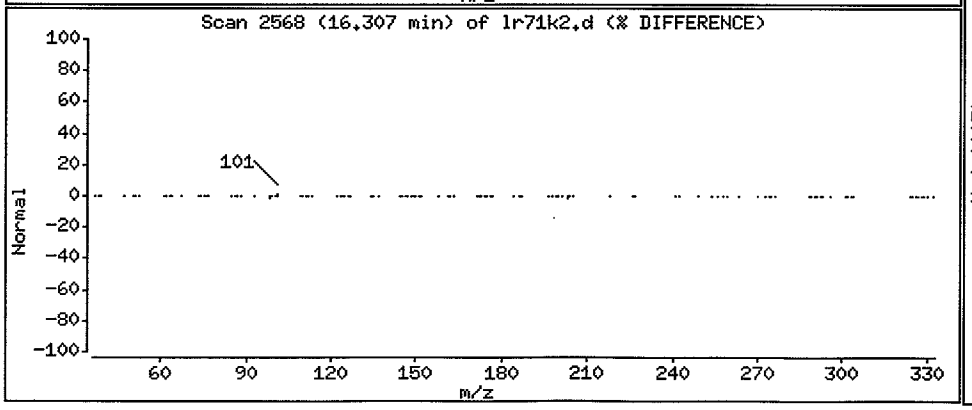
65 Pyrene

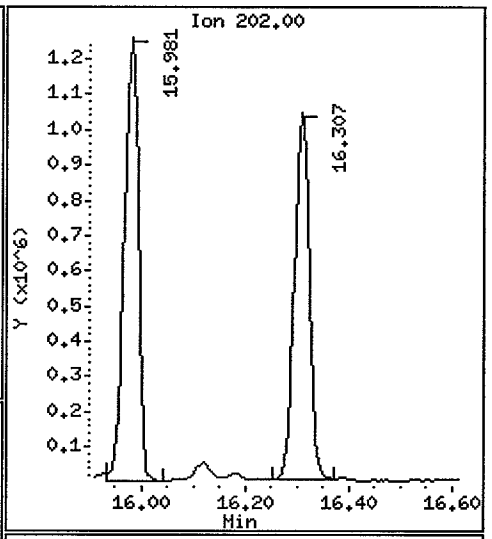
Concentration: 1407 ug/Kg

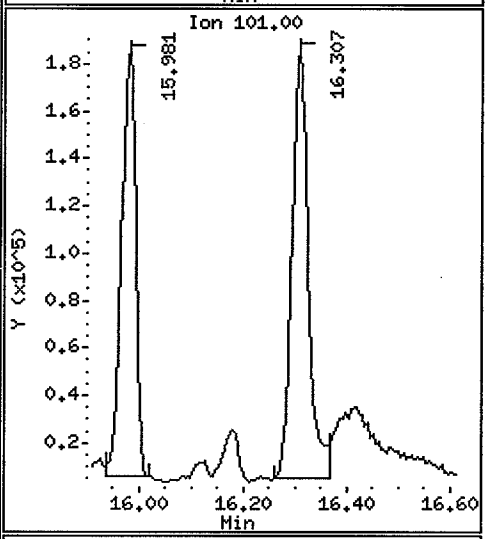


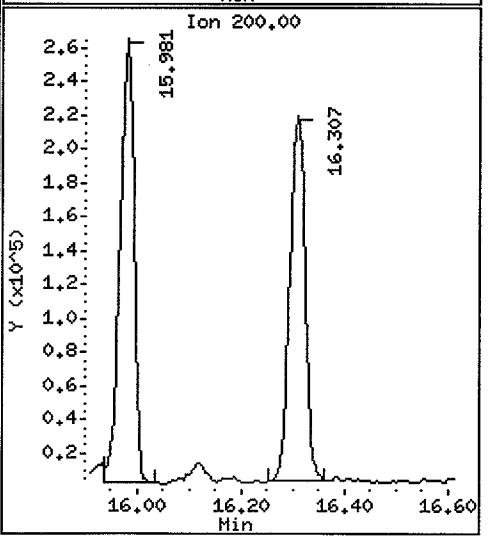












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

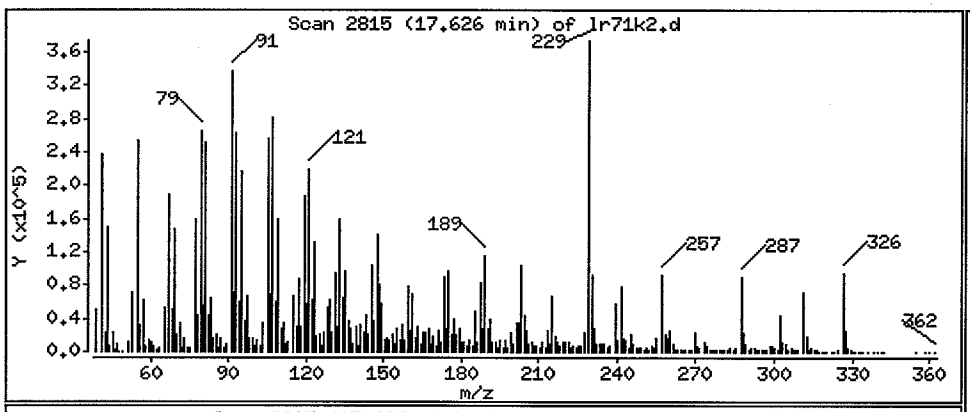
Operator: VTS

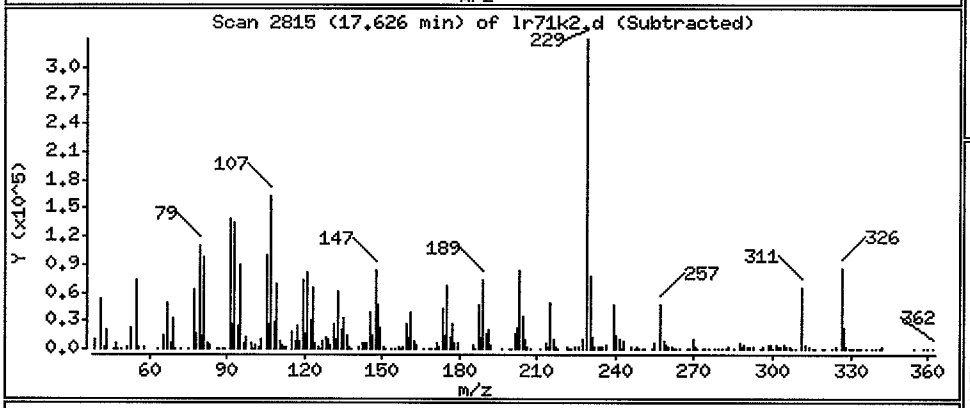
Column phase: ZB-5

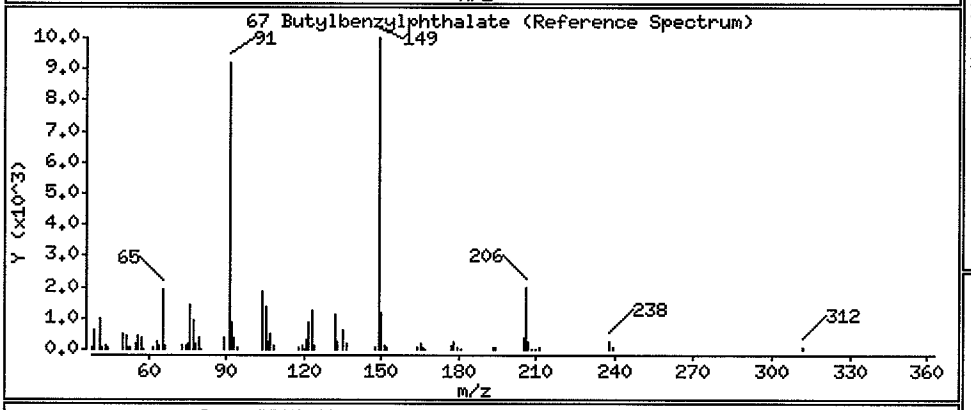
Column diameter: 0.32

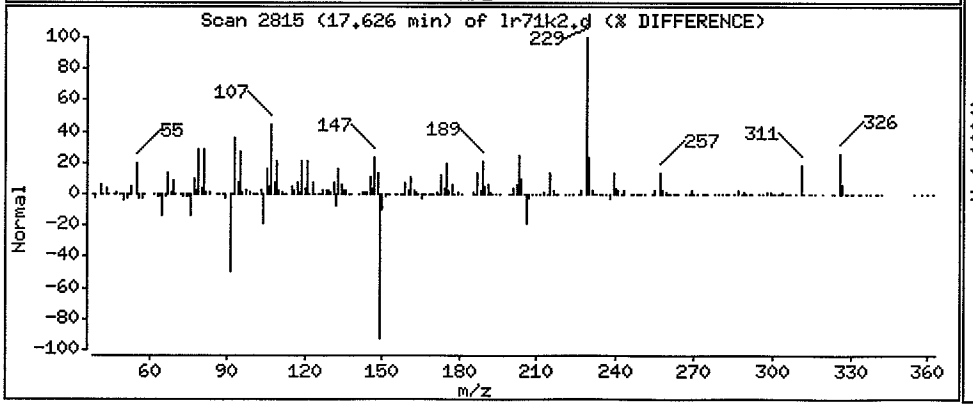
67 Butylbenzylphthalate

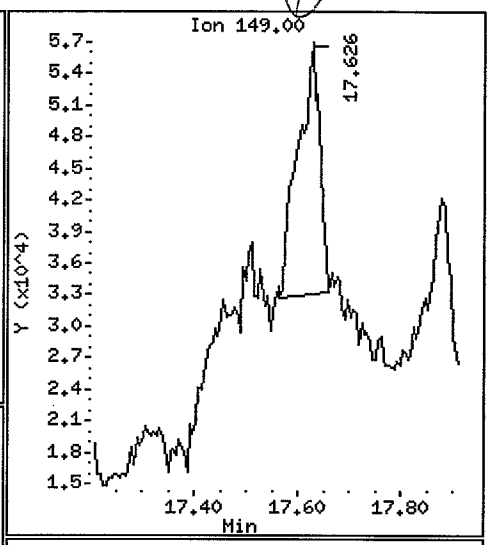
Concentration: 115.8 ug/Kg

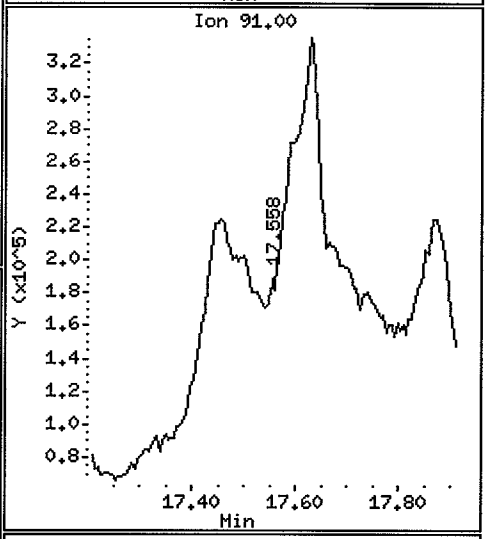


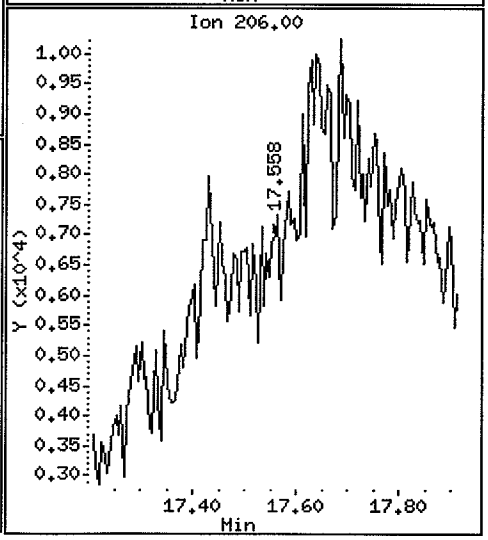












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

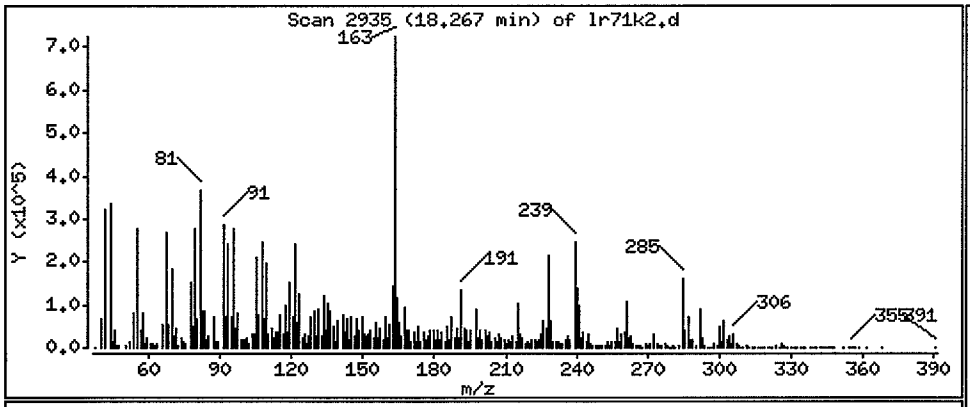
Operator: VTS

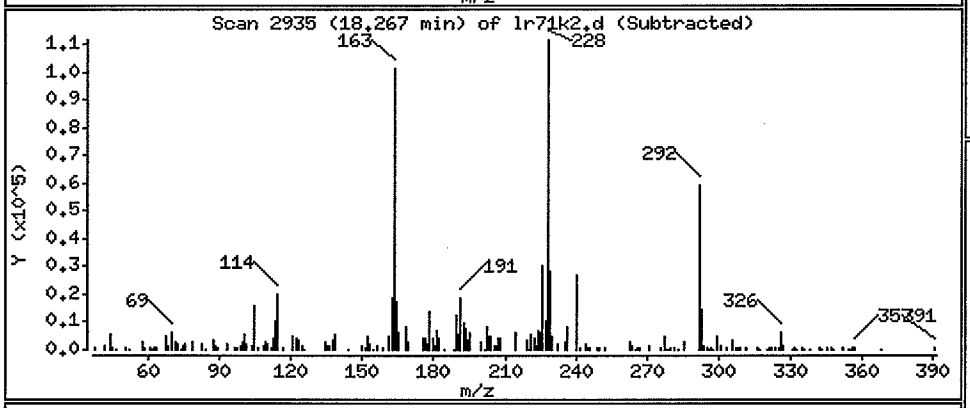
Column phase: ZB-5

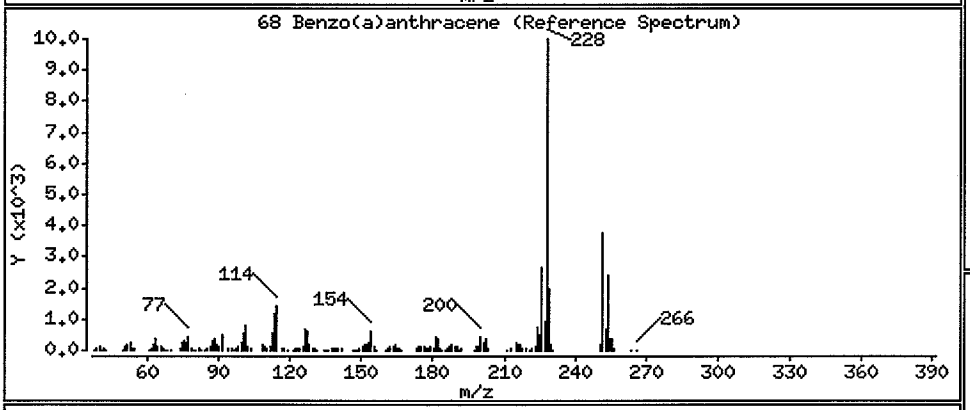
Column diameter: 0.32

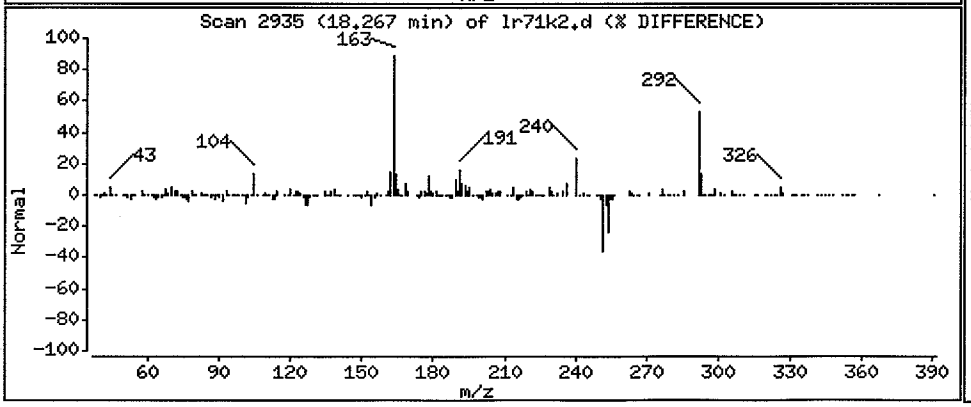
68 Benzo(a)anthracene

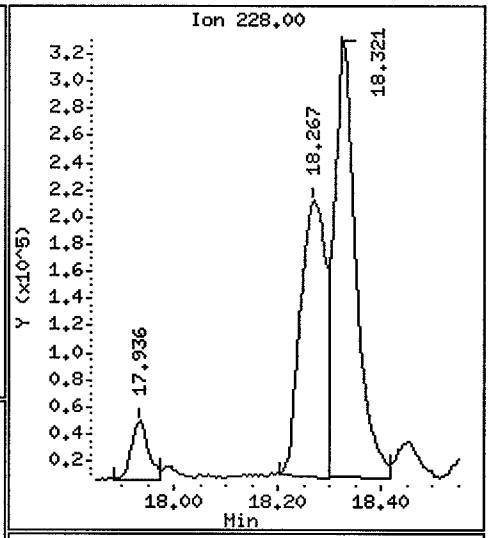
Concentration: 536.5 ug/Kg

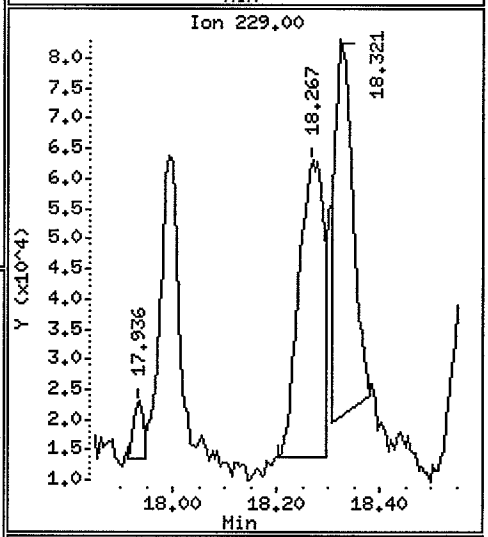


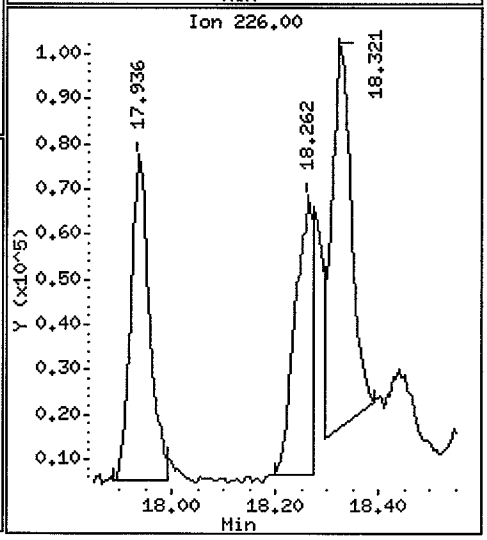












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

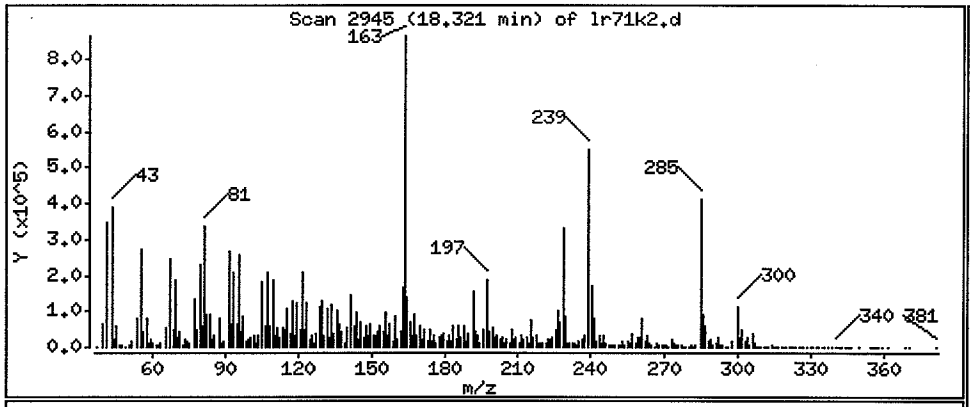
Operator: VTS

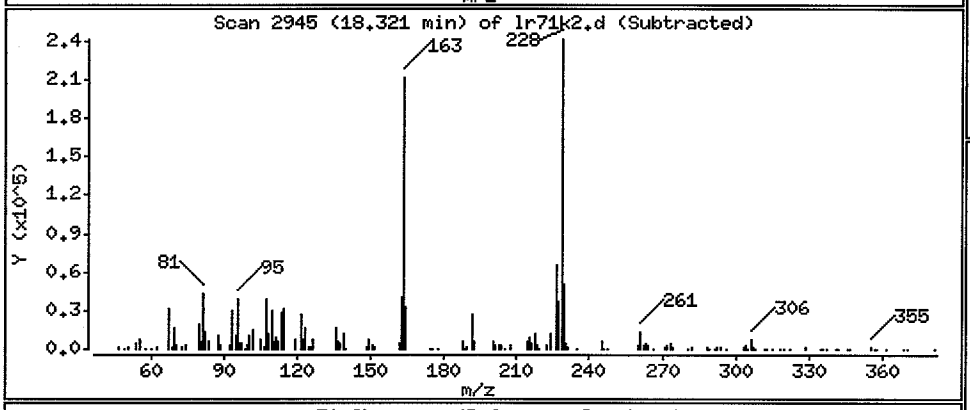
Column phase: ZB-5

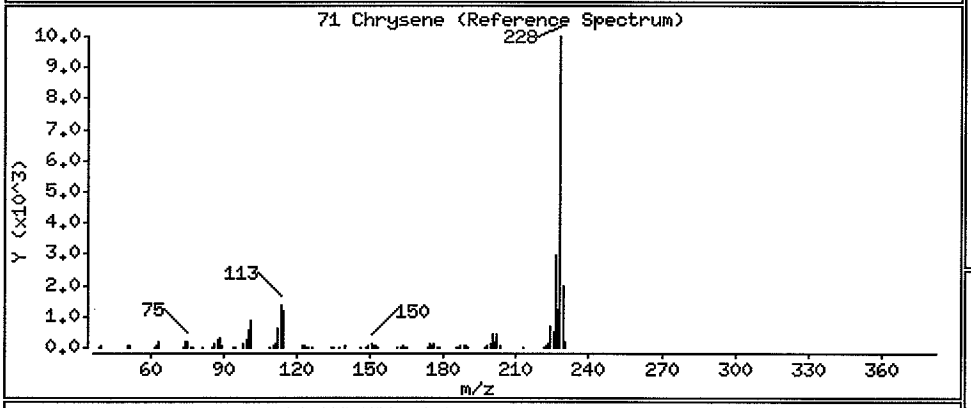
Column diameter: 0.32

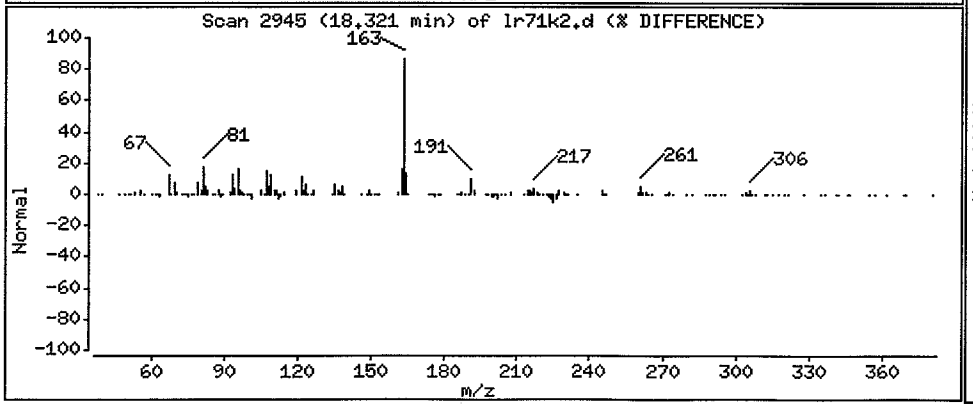
71 Chrysene

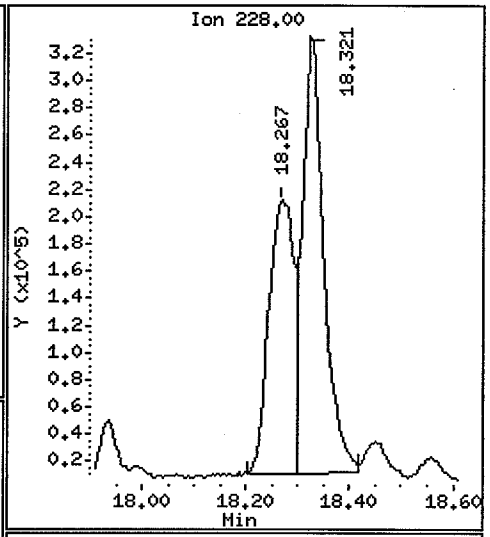
Concentration: 708.2 ug/Kg

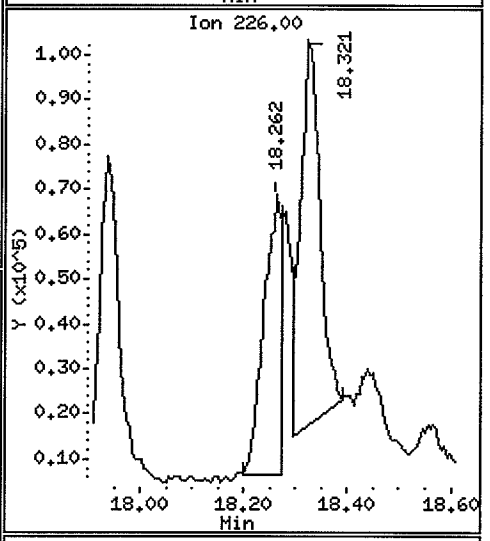


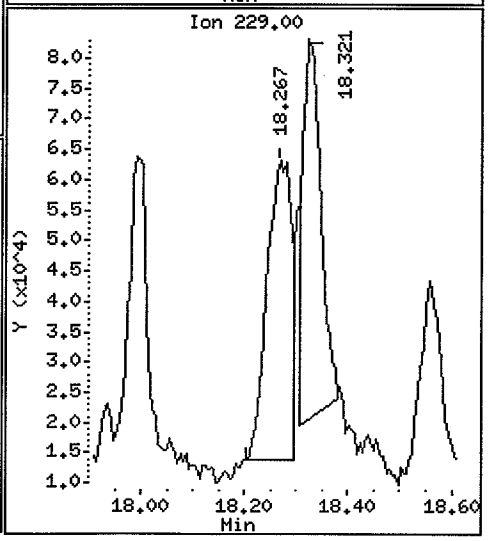












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

Operator: VTS

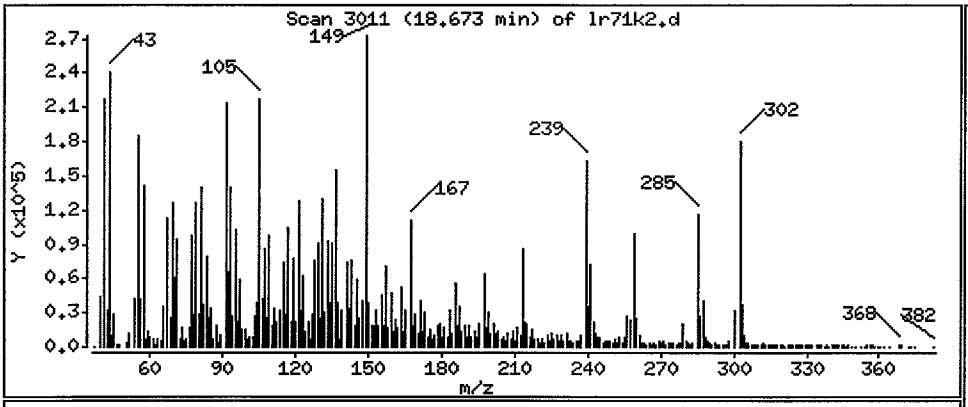
Column phase: ZB-5

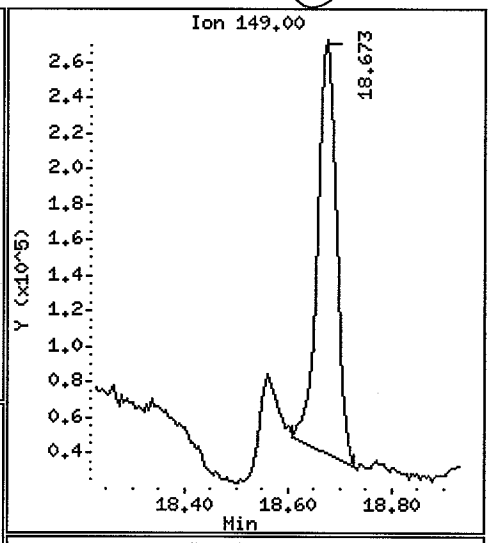
Column diameter: 0.32

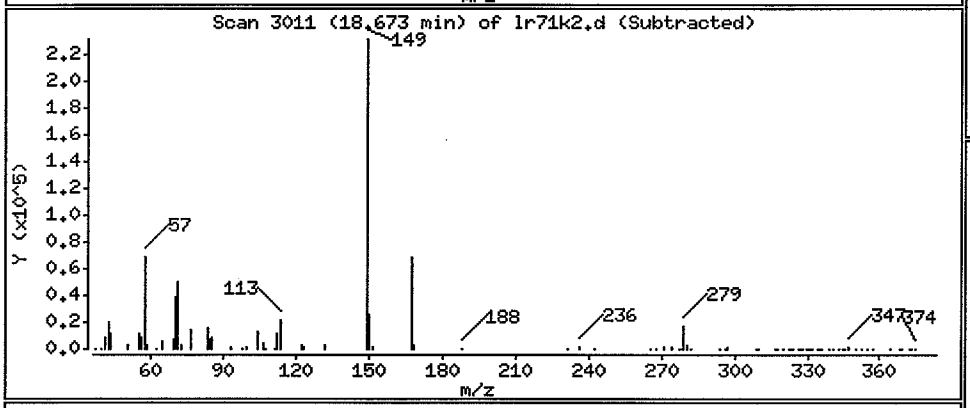
72 bis(2-Ethylhexyl)phthalate

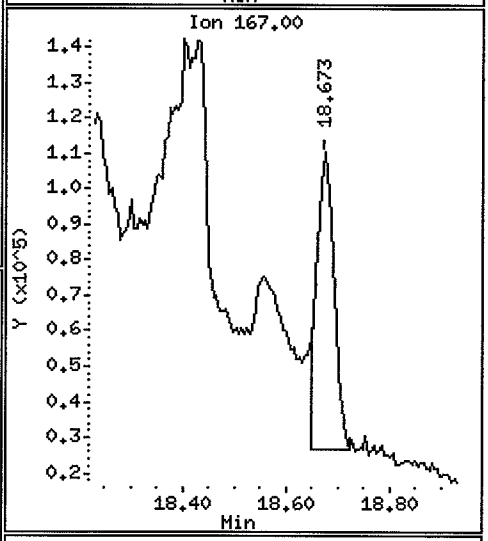
Concentration: 500.3 ug/Kg

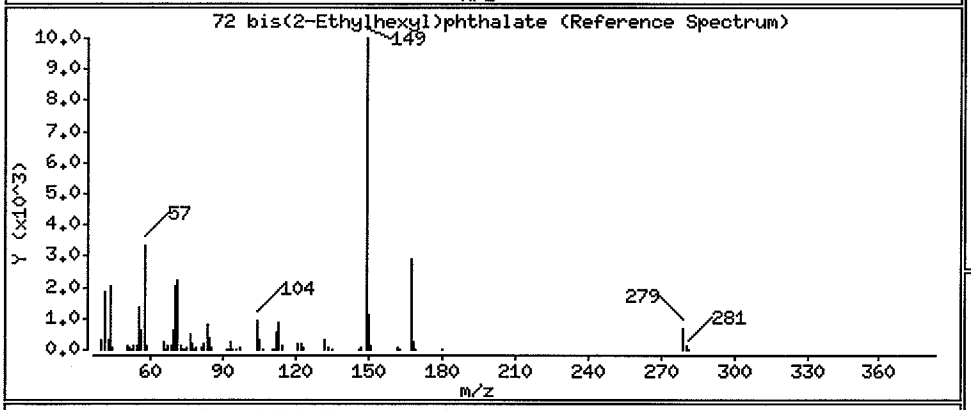
(B)

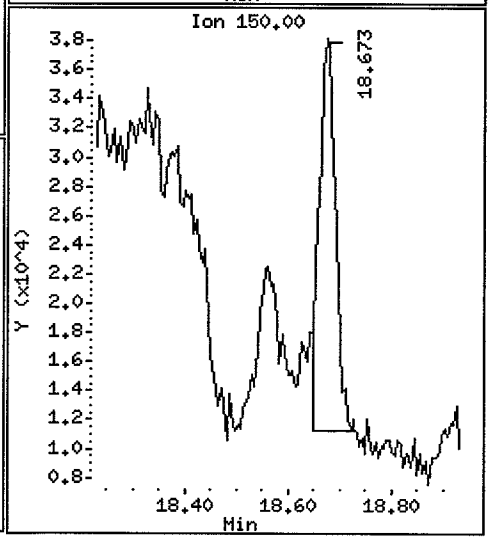


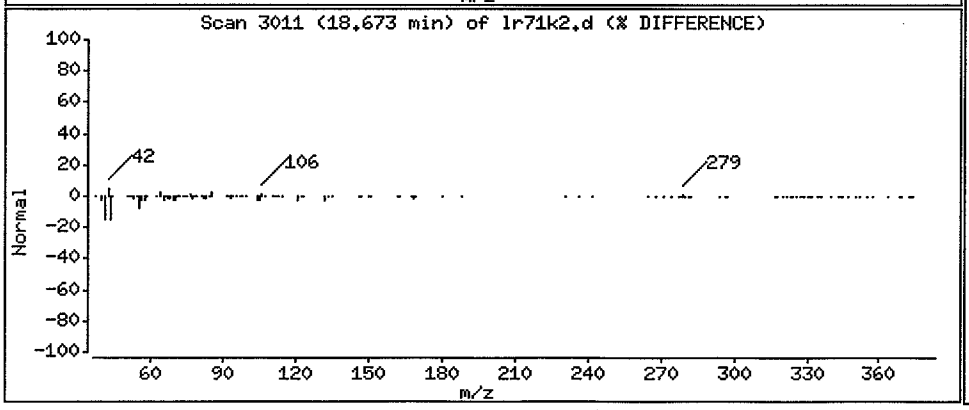












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

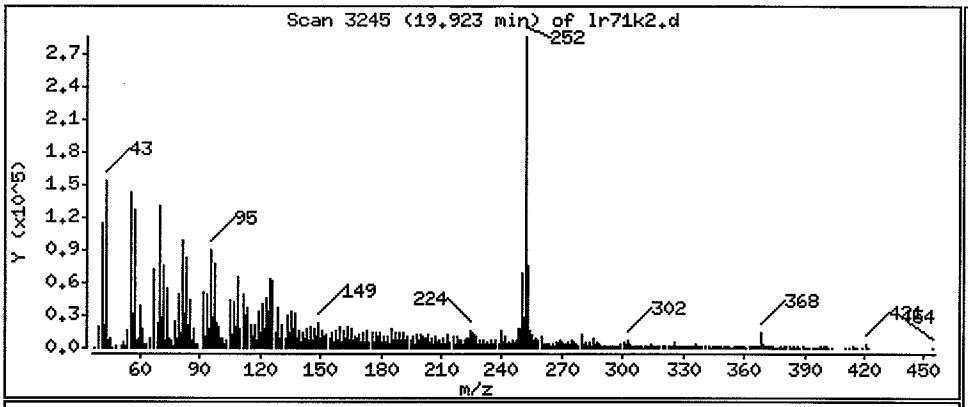
Operator: VTS

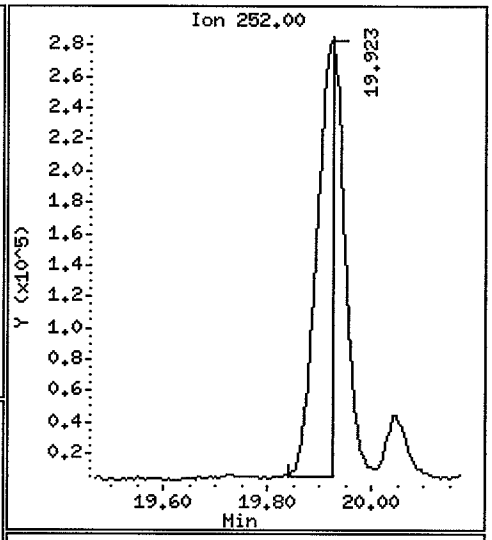
Column phase: ZB-5

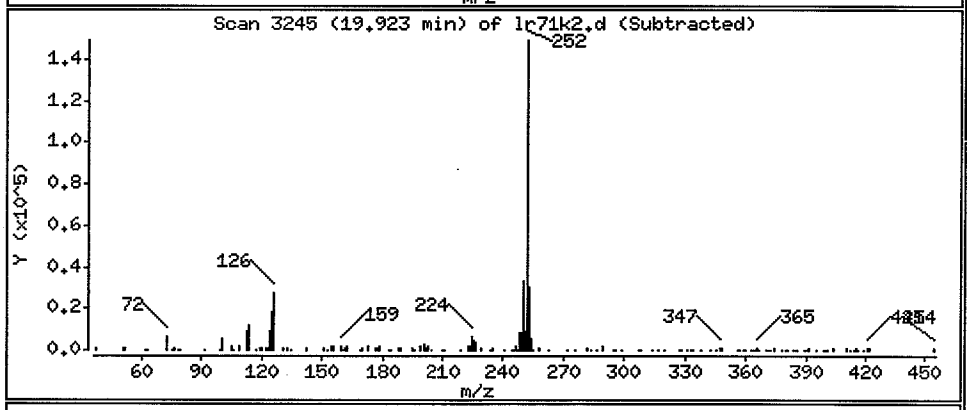
Column diameter: 0.32

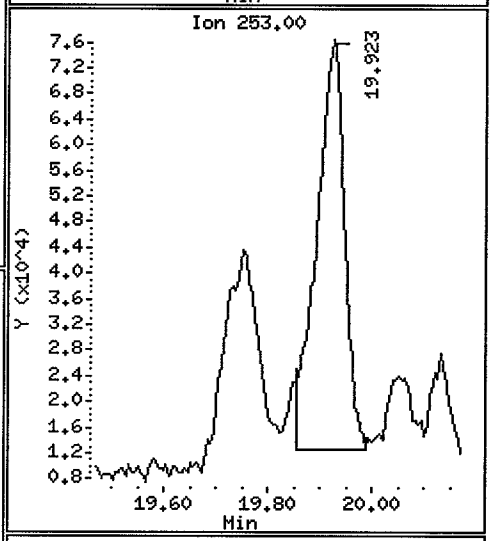
74 Benzo(b)fluoranthene

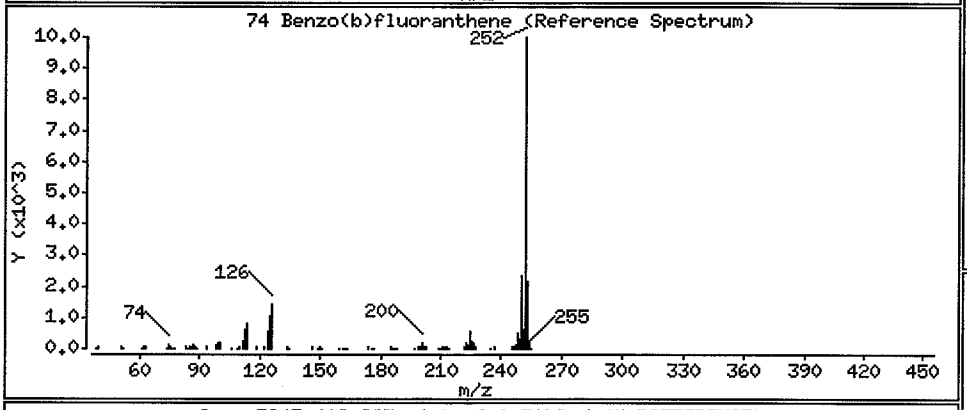
Concentration: 436.2 ug/Kg

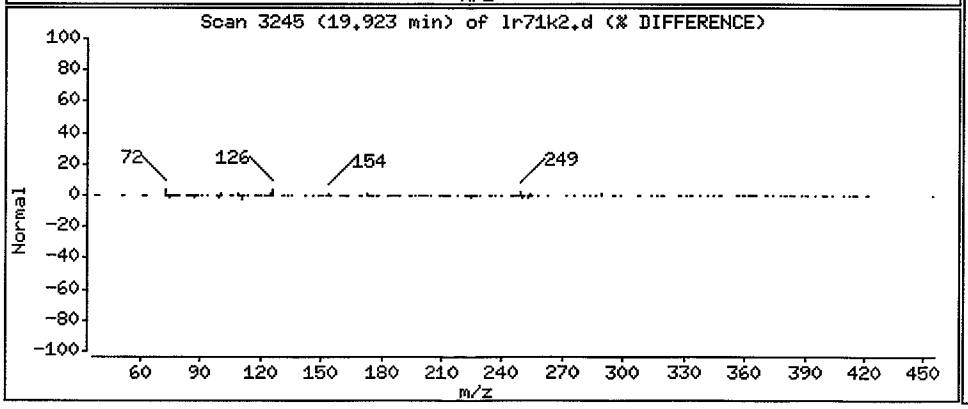


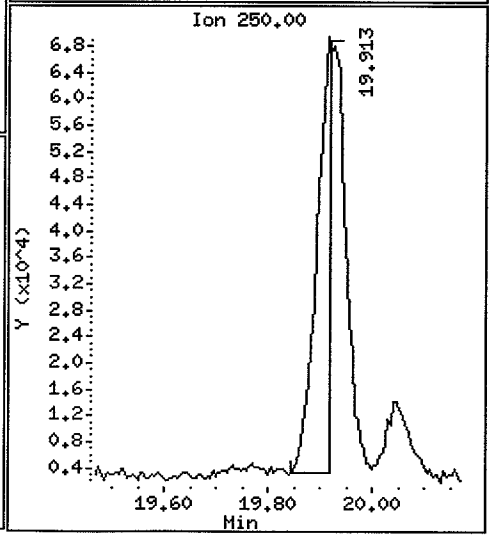












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

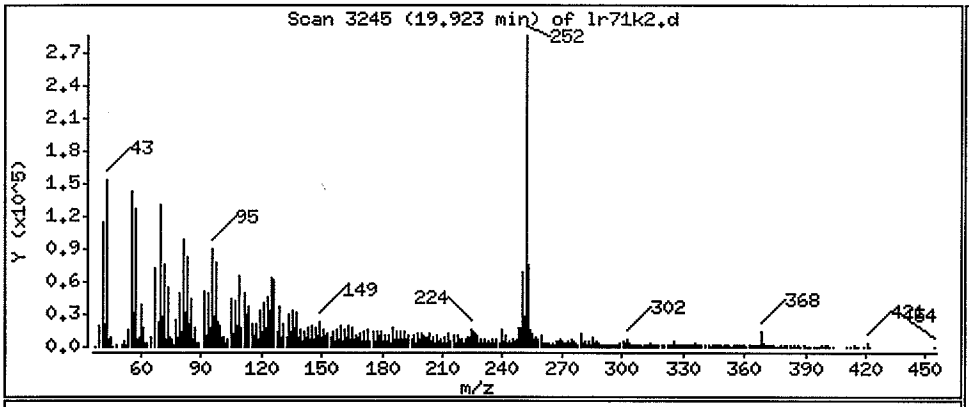
Operator: VTS

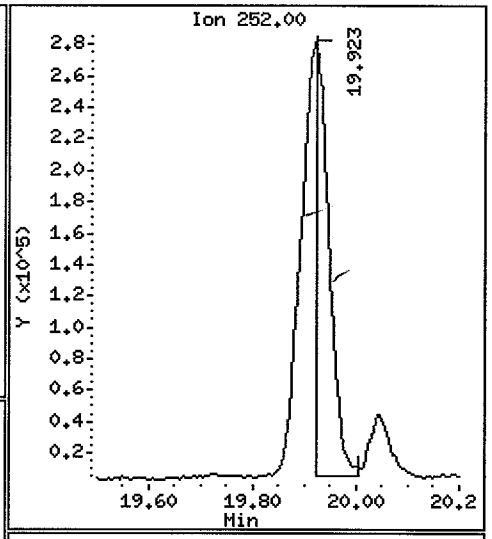
Column phase: ZB-5

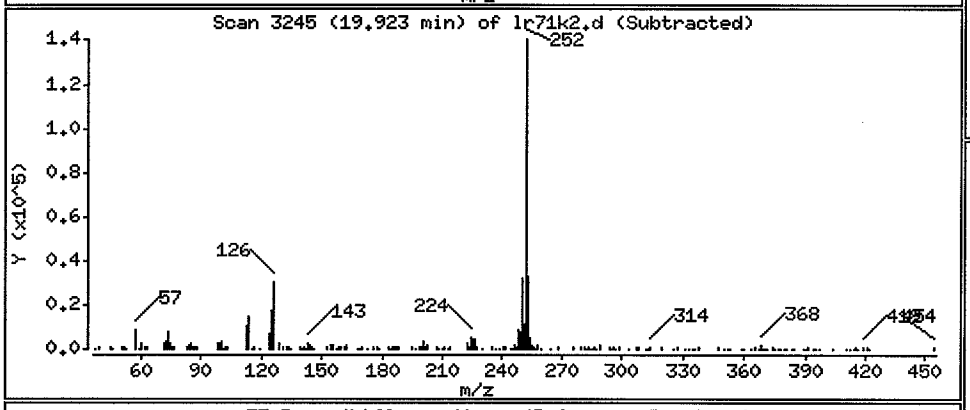
Column diameter: 0.32

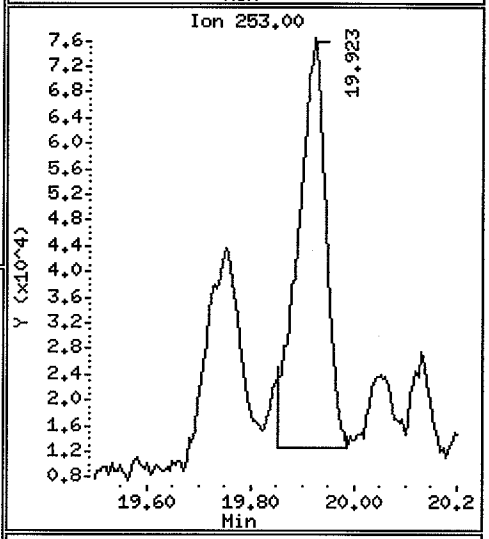
75 Benzo(k)fluoranthene

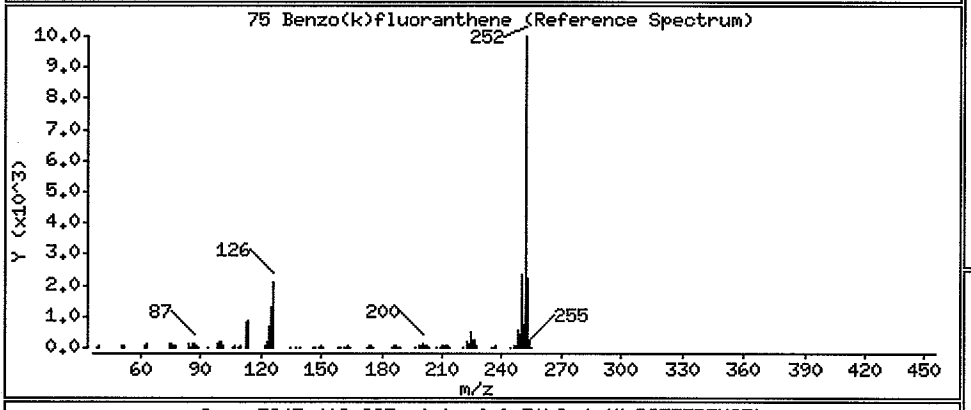
Concentration: 338.5 ug/Kg

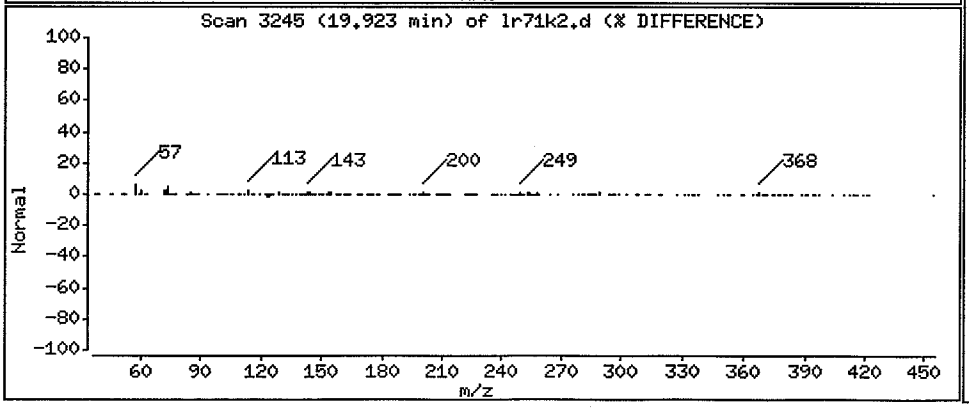


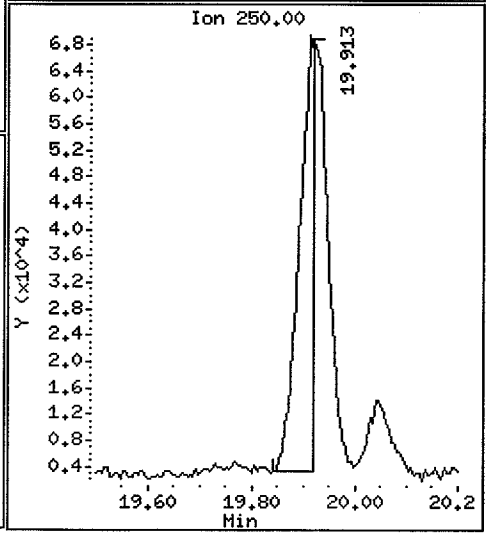












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

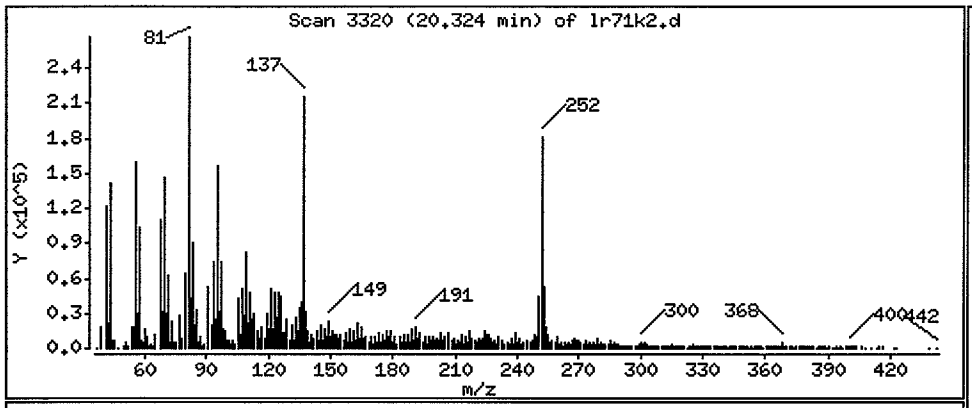
Operator: VTS

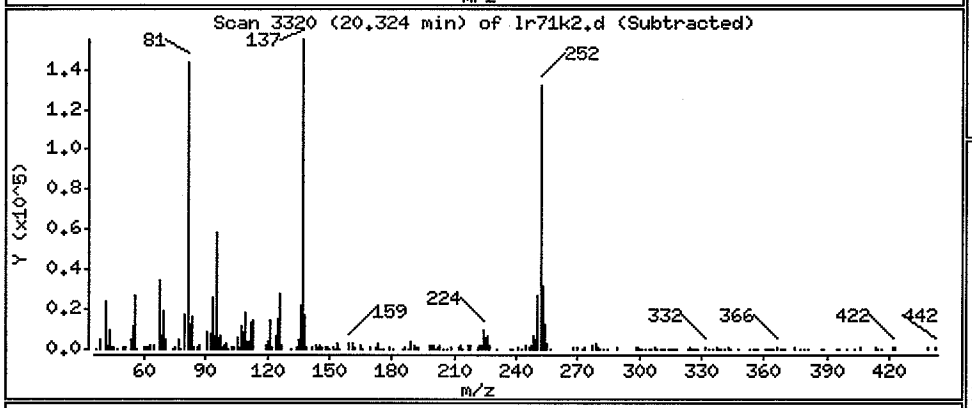
Column phase: ZB-5

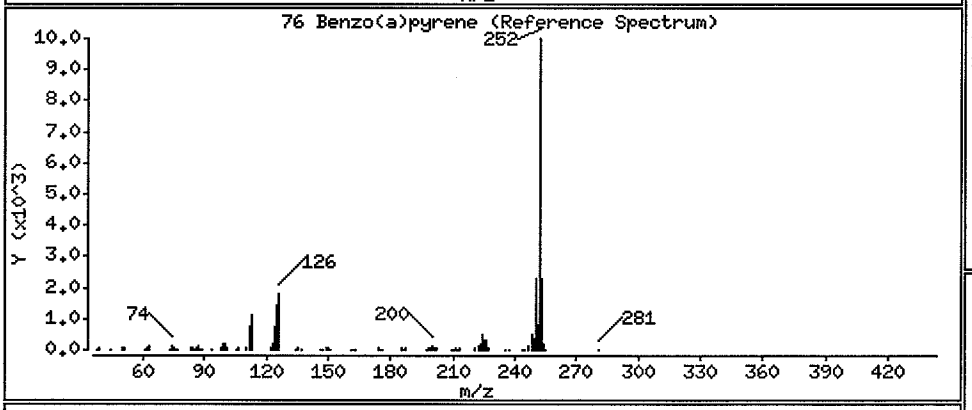
Column diameter: 0.32

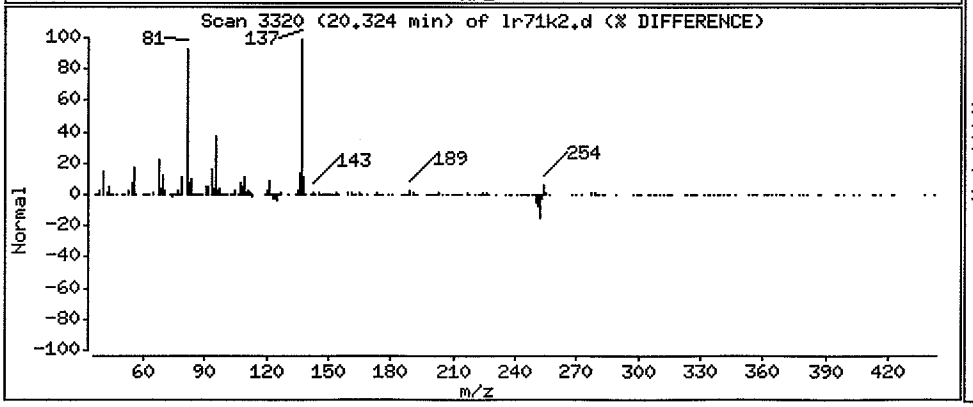
76 Benzo(a)pyrene

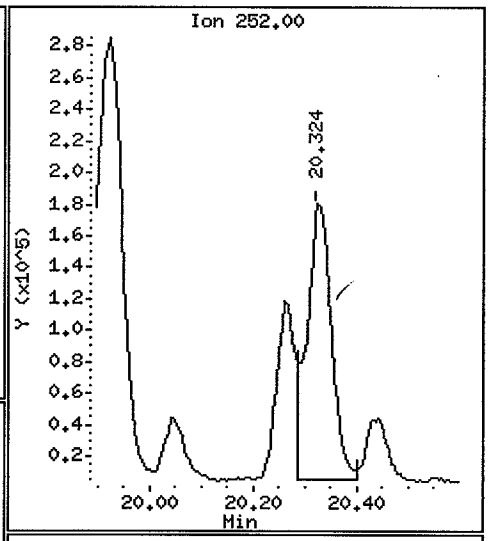
Concentration: 458.6 ug/Kg

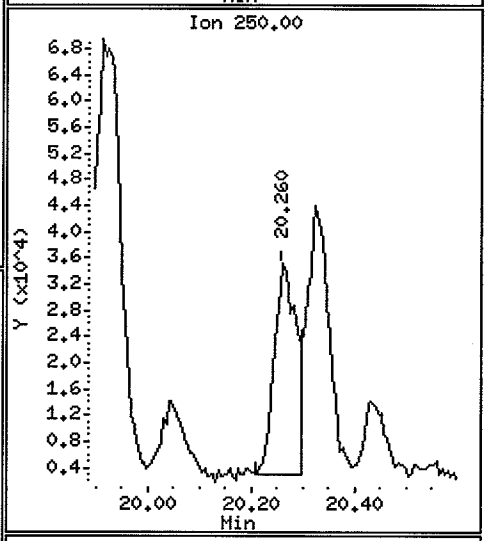


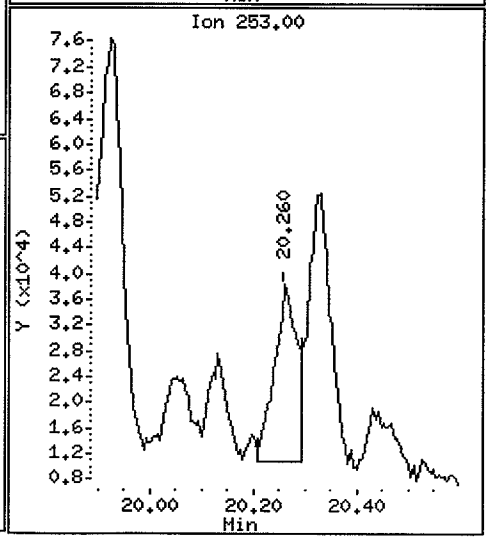












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

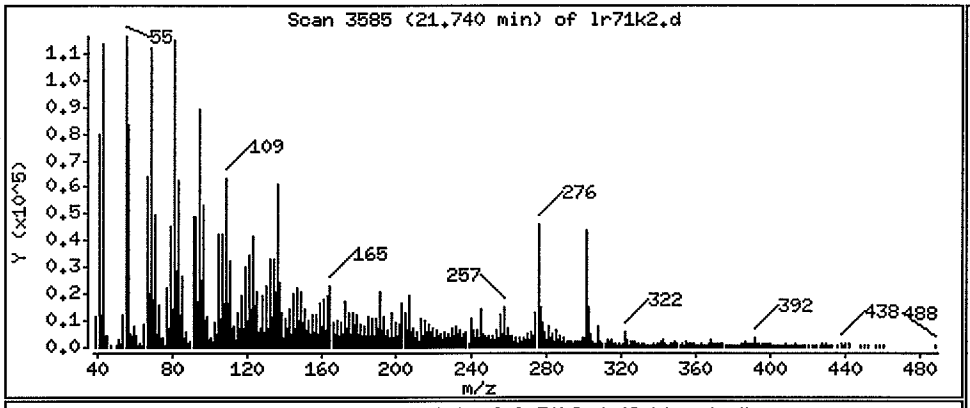
Operator: VTS

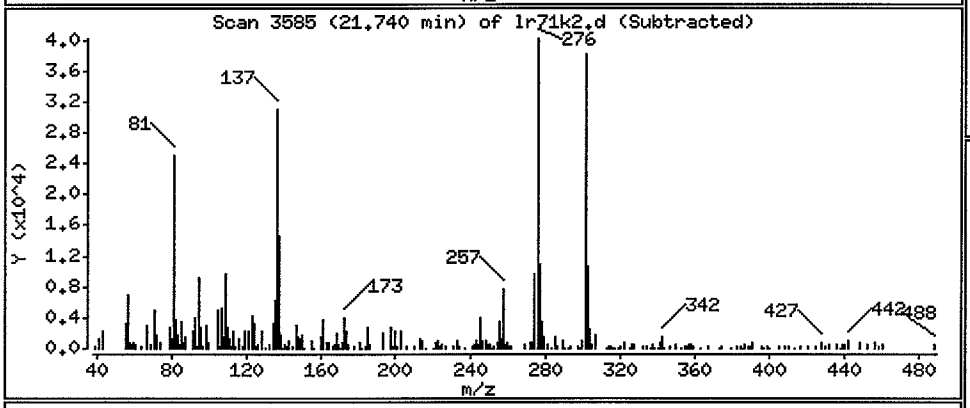
Column phase: ZB-5

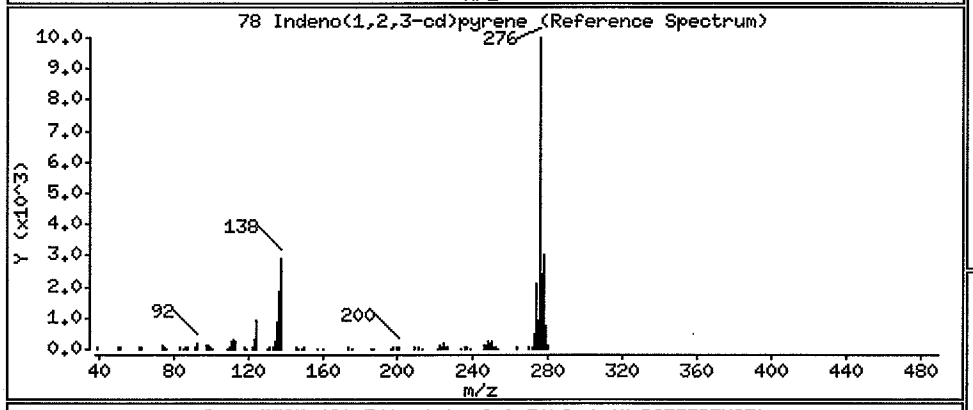
Column diameter: 0.32

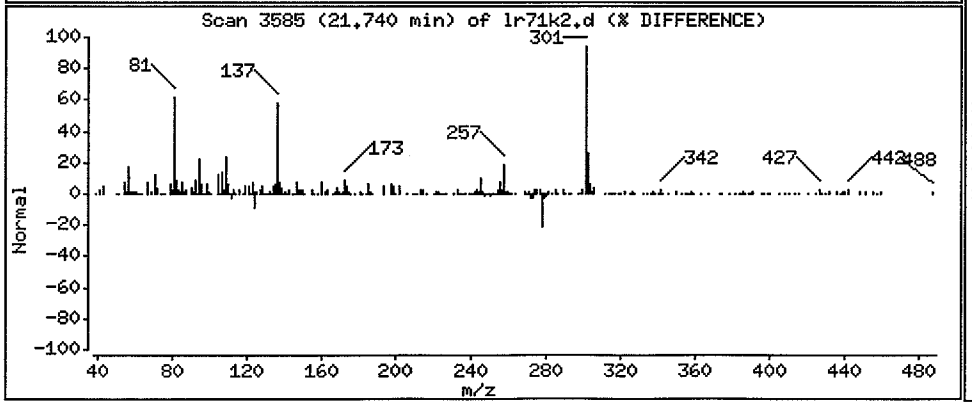
78 Indeno(1,2,3-cd)pyrene

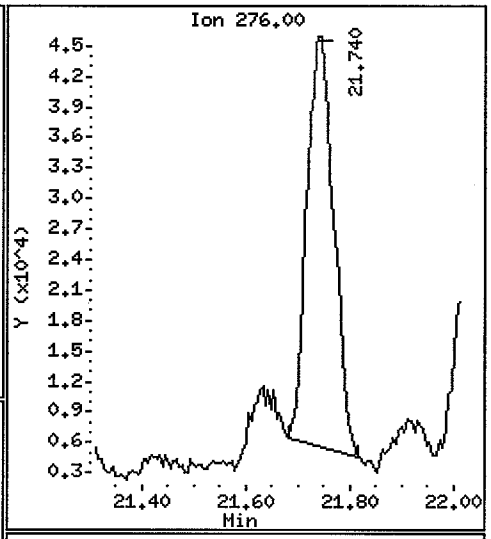
Concentration: 105.7 ug/Kg

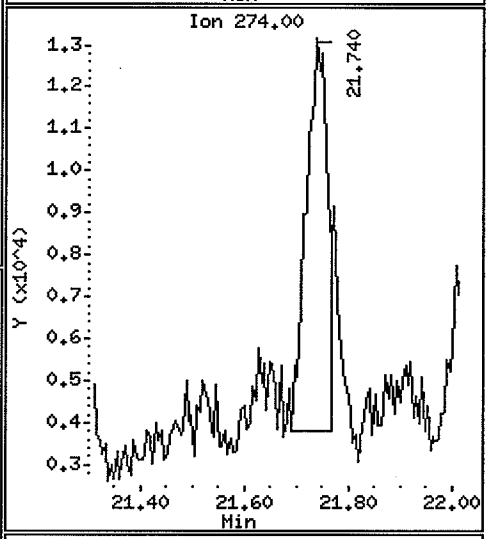


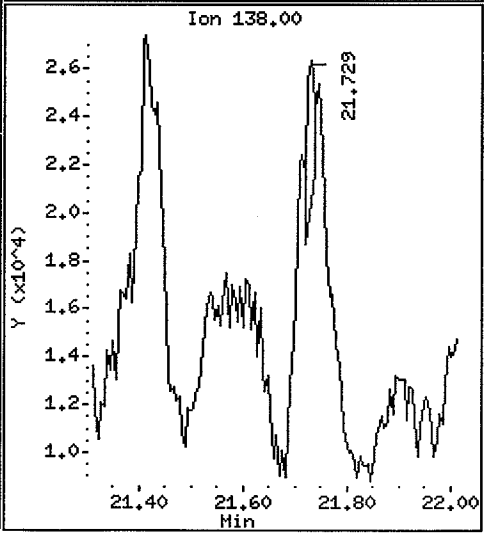












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

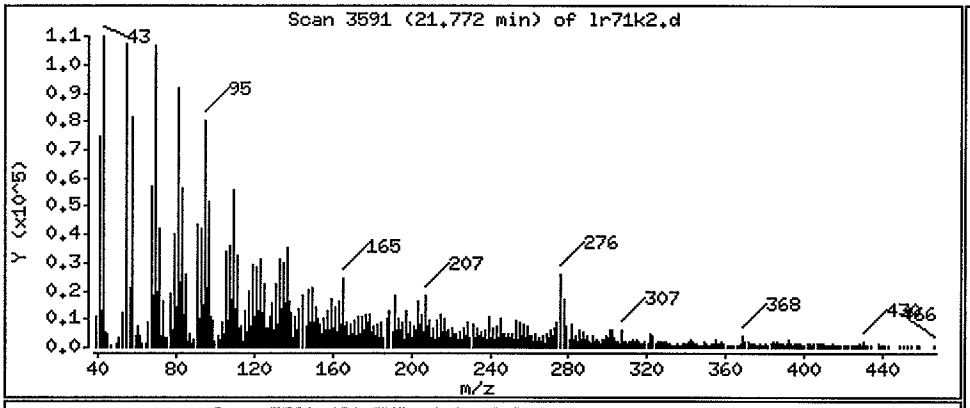
Operator: VTS

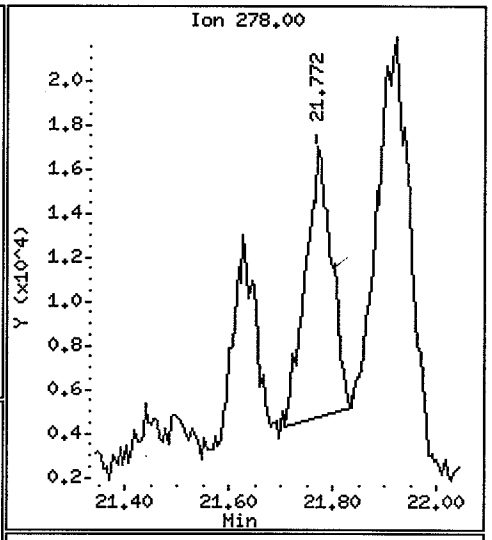
Column phase: ZB-5

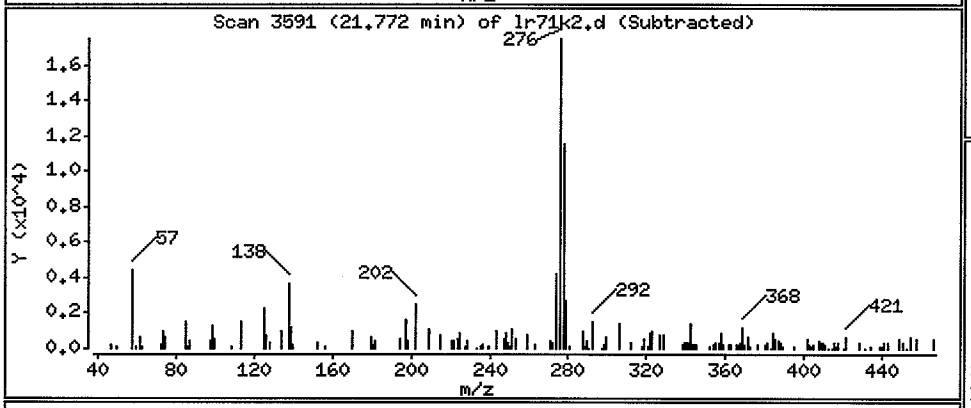
Column diameter: 0.32

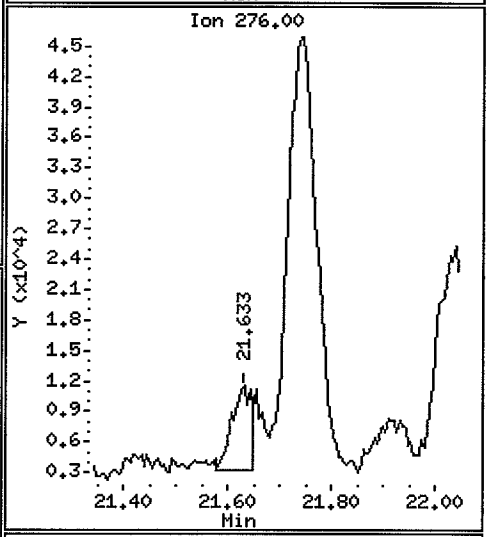
79 Dibenzo(a,h)anthracene

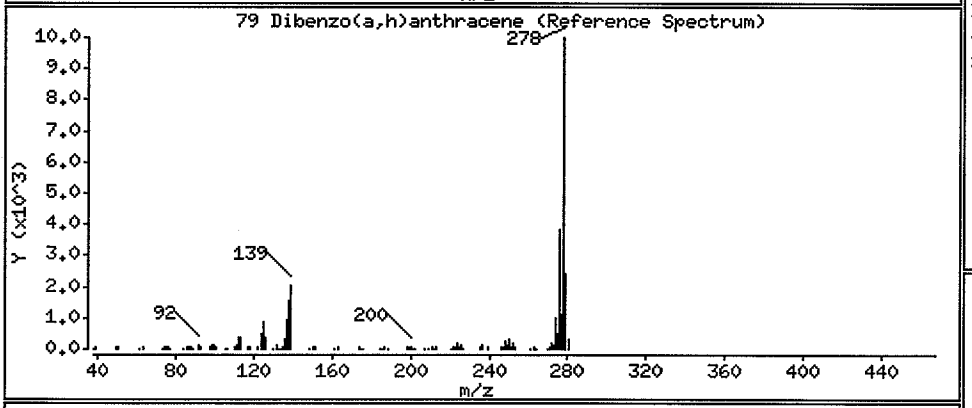
Concentration: 37.63 ug/Kg

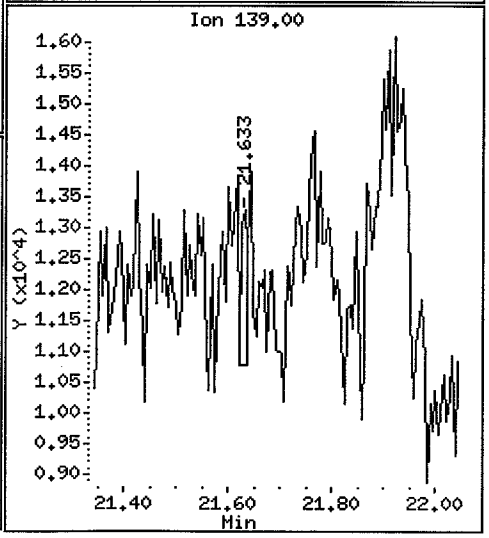


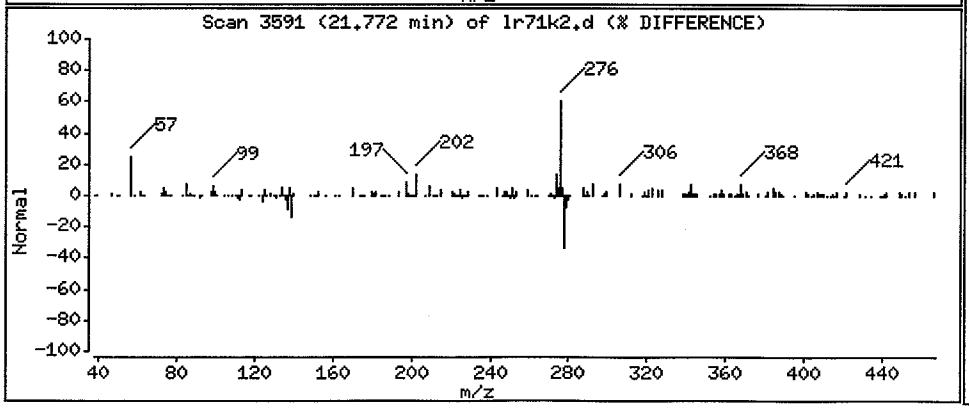












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

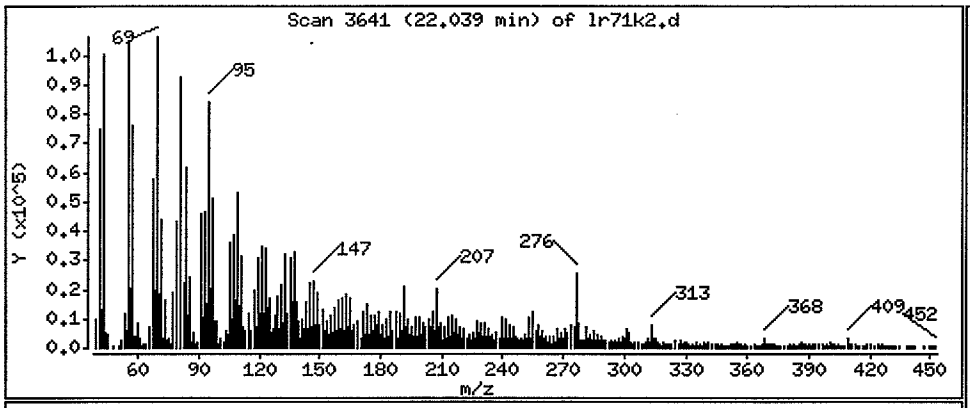
Operator: VTS

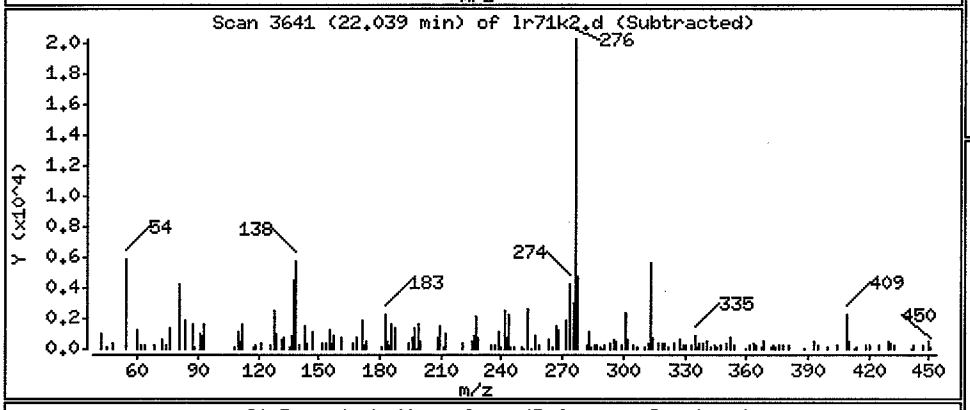
Column phase: ZB-5

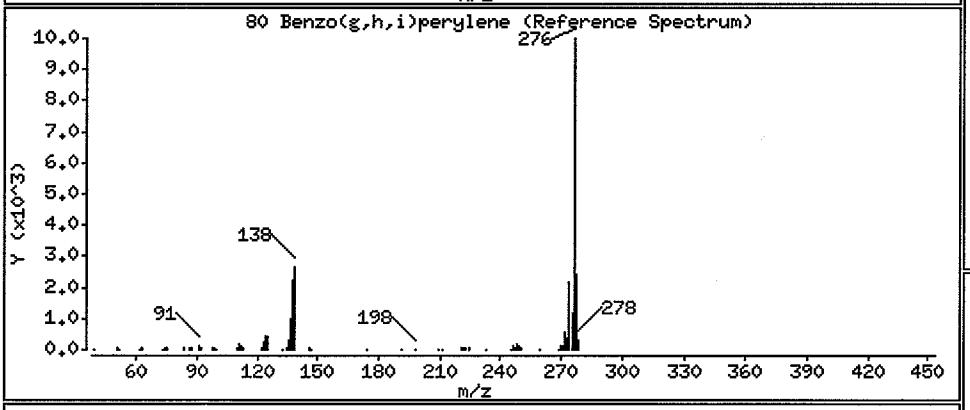
Column diameter: 0.32

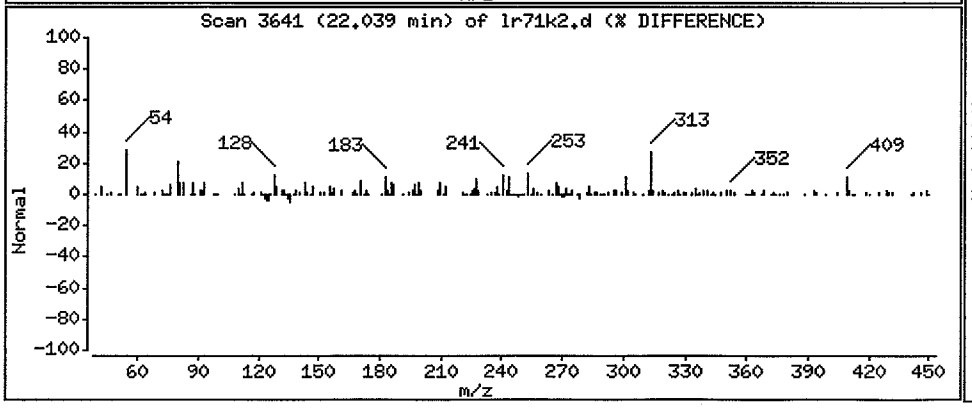
80 Benzo(g,h,i)perylene

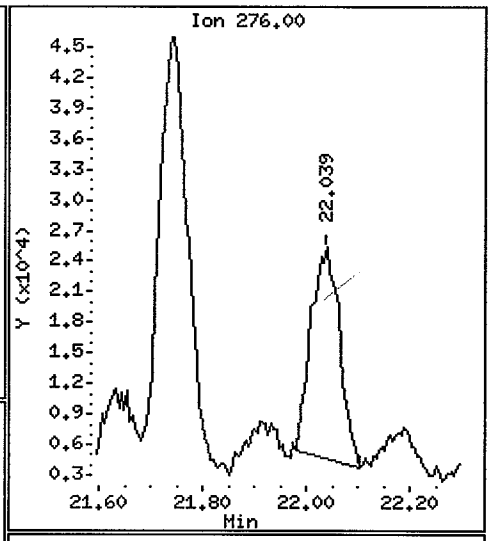
Concentration: 63.25 ug/Kg

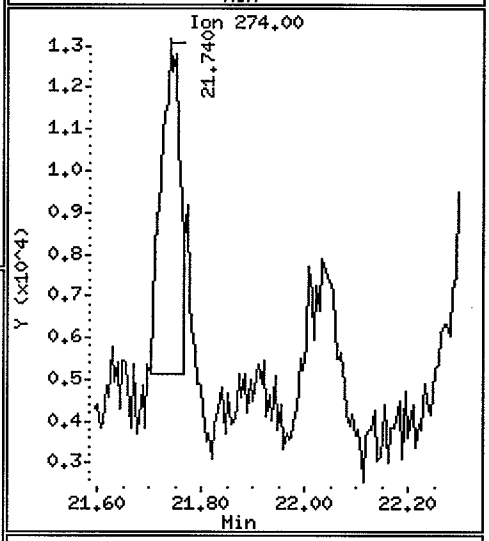


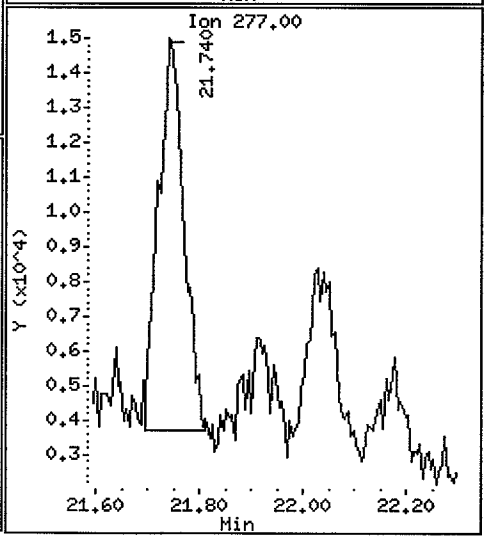












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

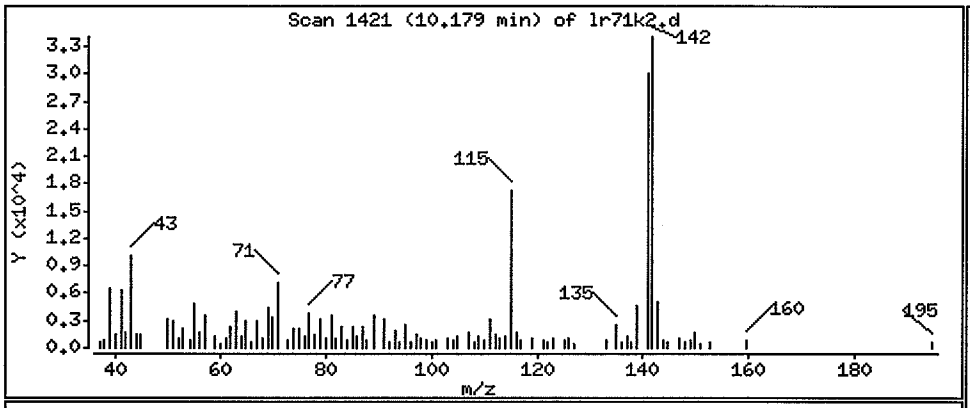
Operator: VTS

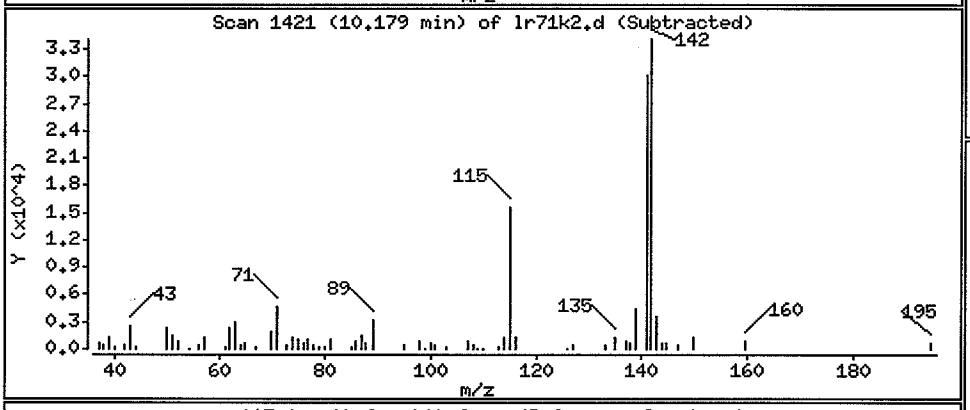
Column phase: ZB-5

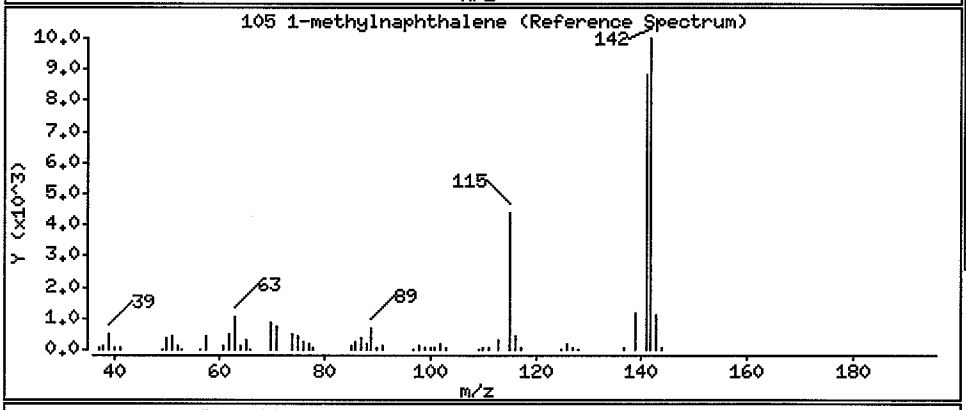
Column diameter: 0.32

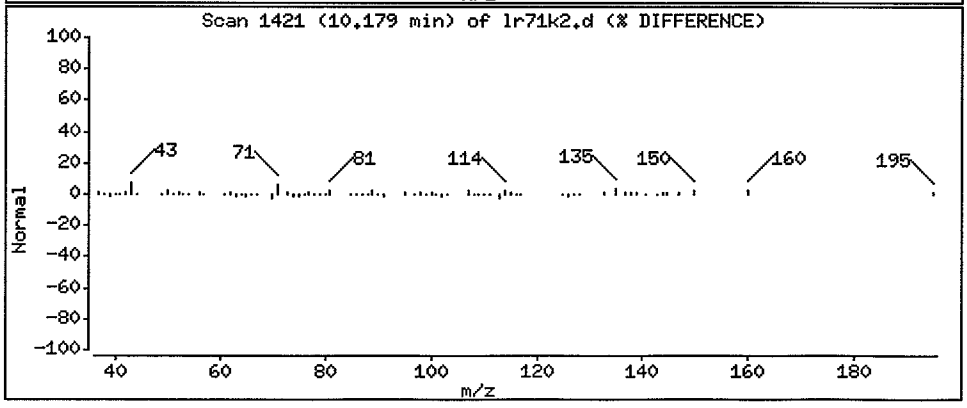
105 1-methylnaphthalene

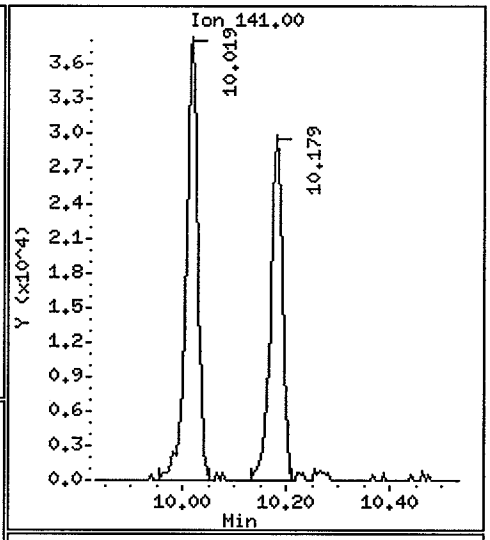
Concentration: 52.84 ug/Kg

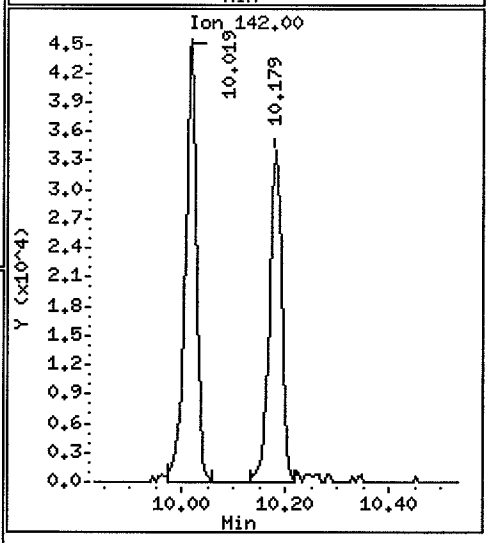




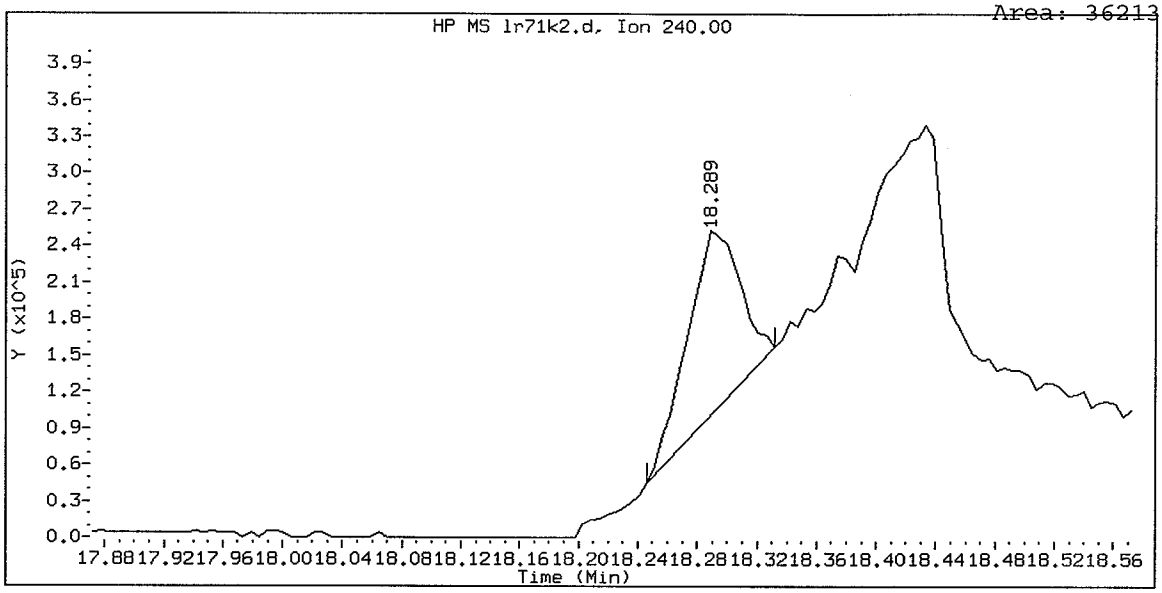


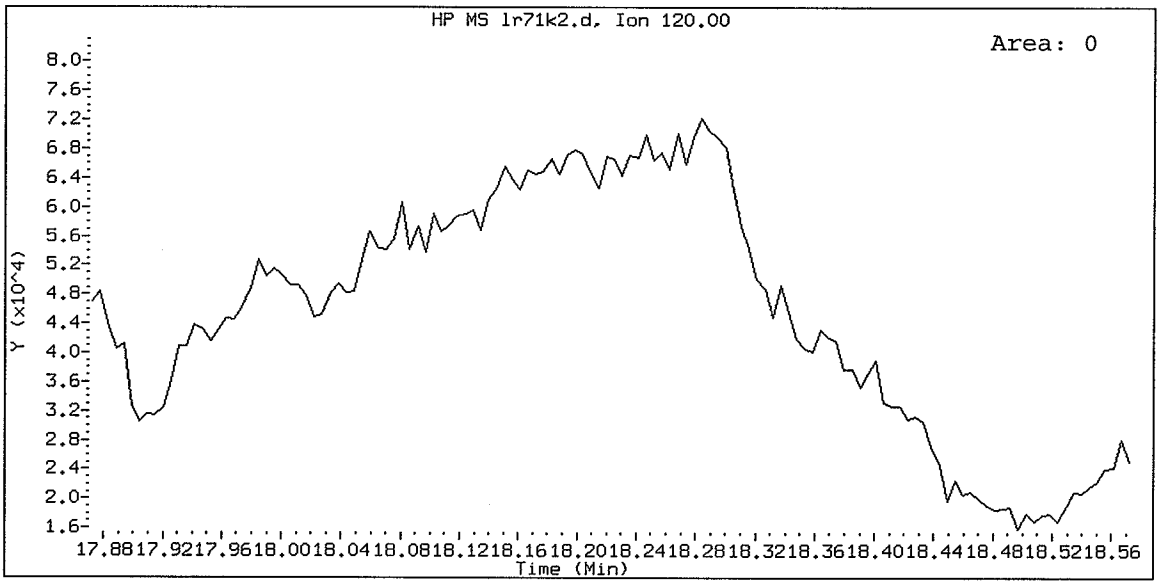


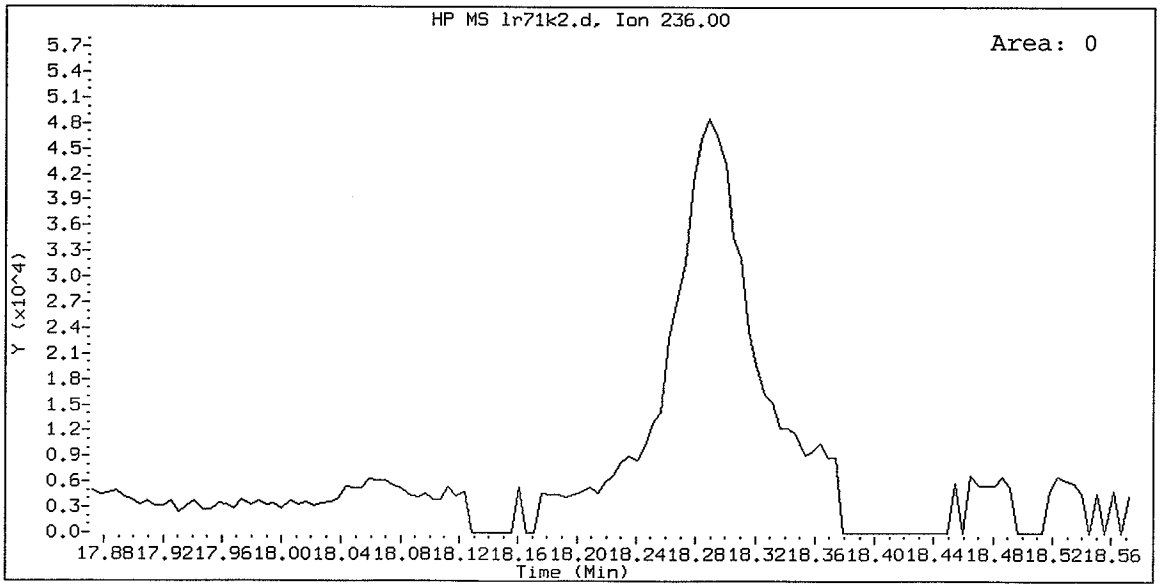




LR71KRE, /chem3/nt4.i/20071101.b/lr71k2.d
Chrysene-d12 Amount: 20.00







Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

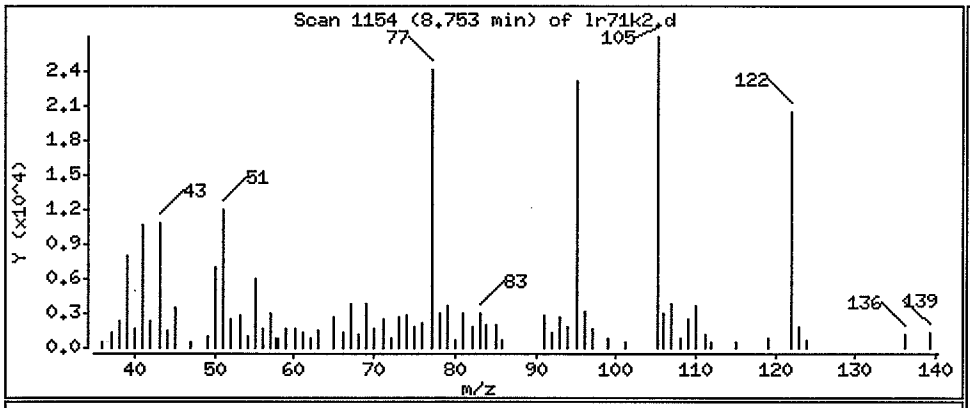
Operator: VTS

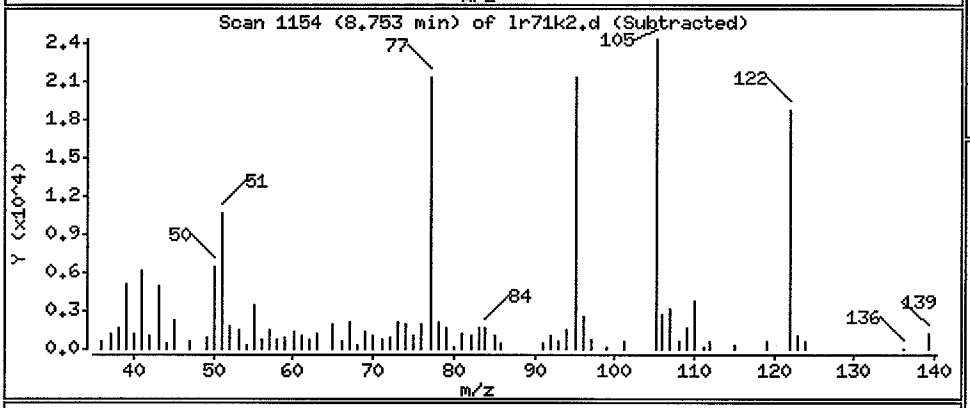
Column phase: ZB-5

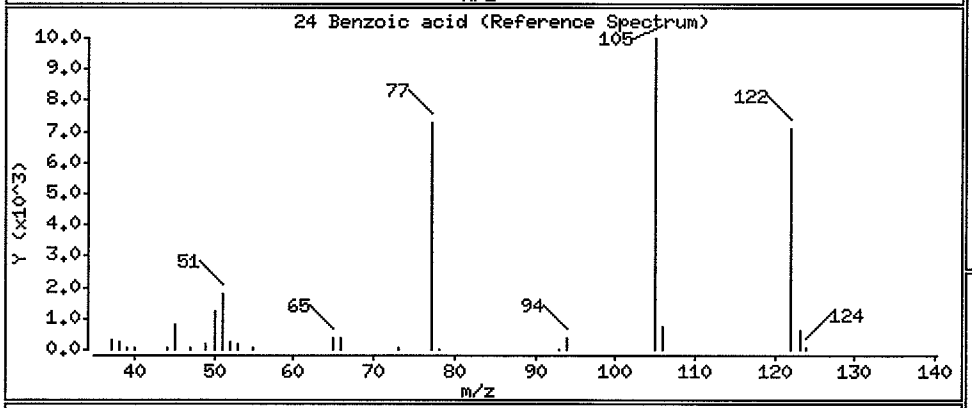
Column diameter: 0.32

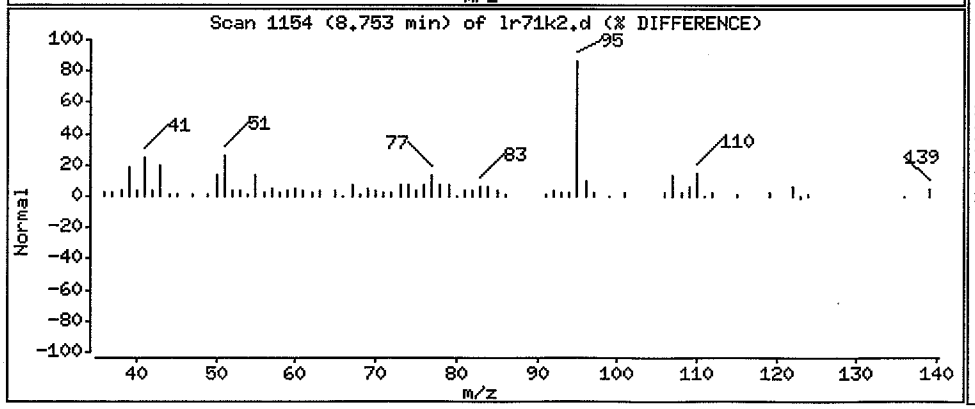
24 Benzoic acid

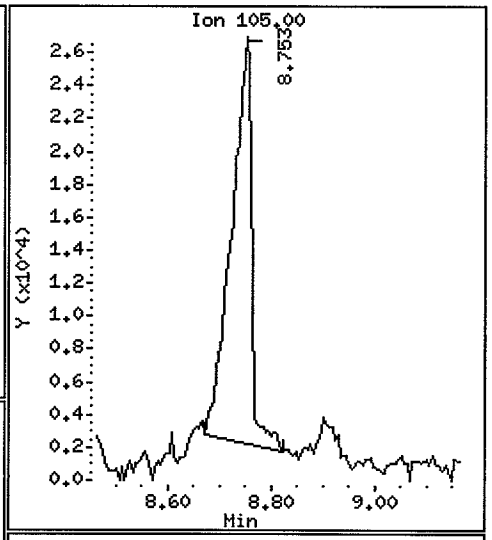
Concentration: 142.9 ug/Kg

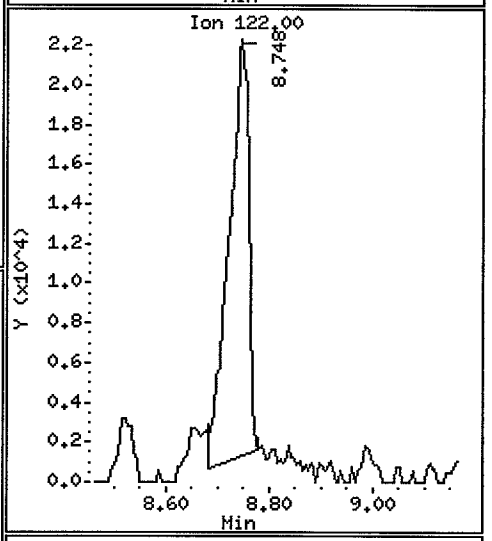


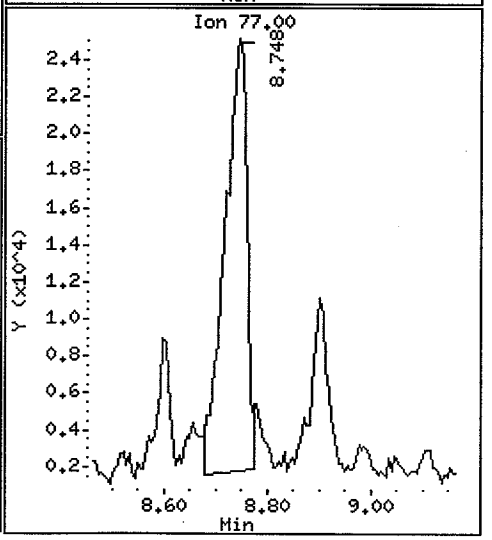












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

Operator: VTS

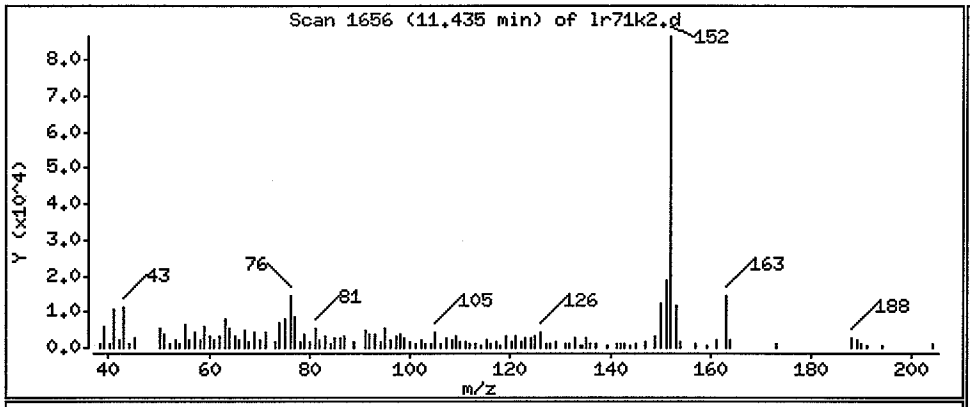
Column phase: ZB-5

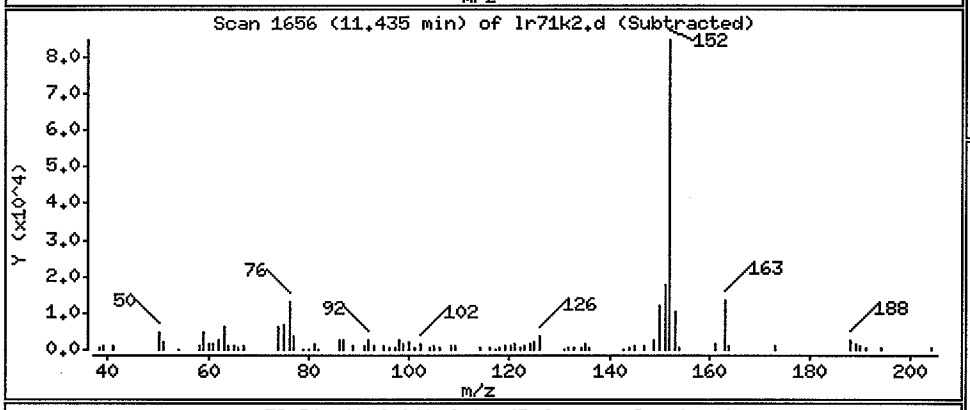
Column diameter: 0.32

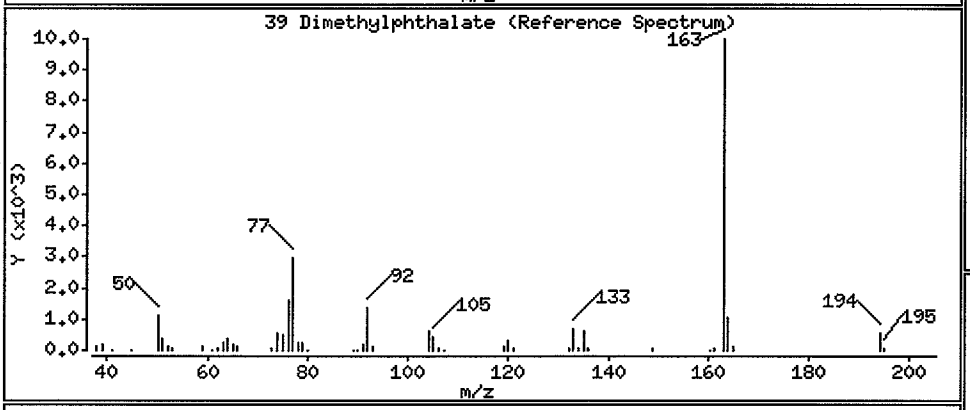
39 Dimethylphthalate

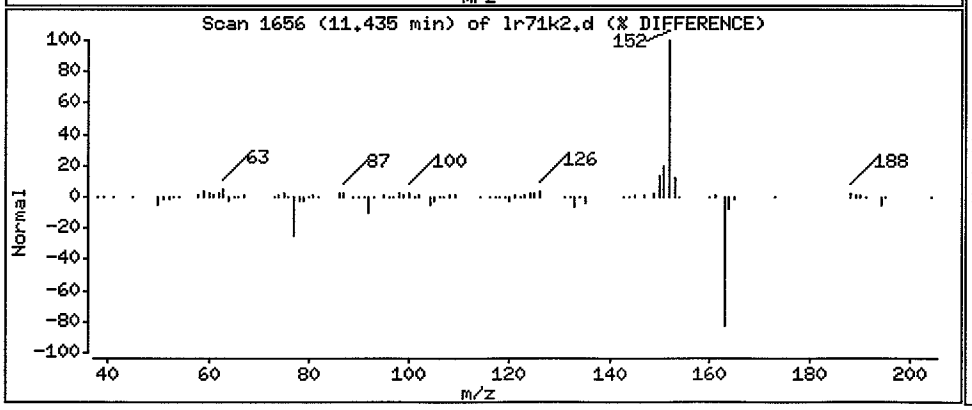
Concentration: 16.90 ug/Kg

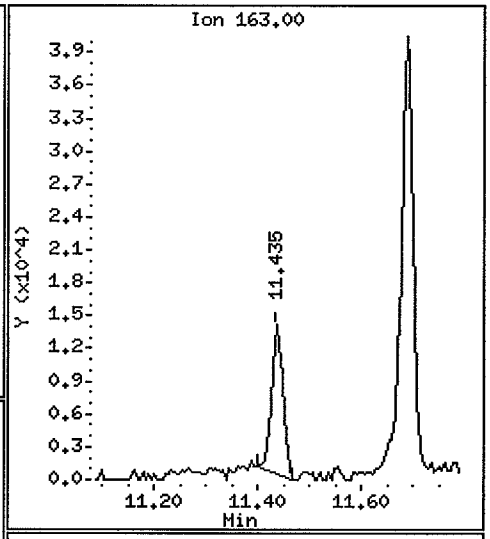
CRL

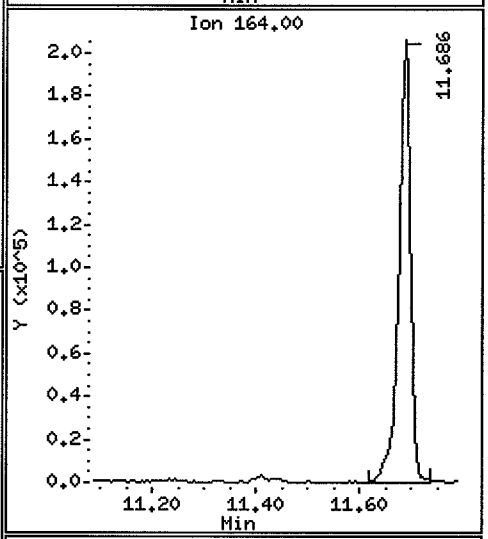


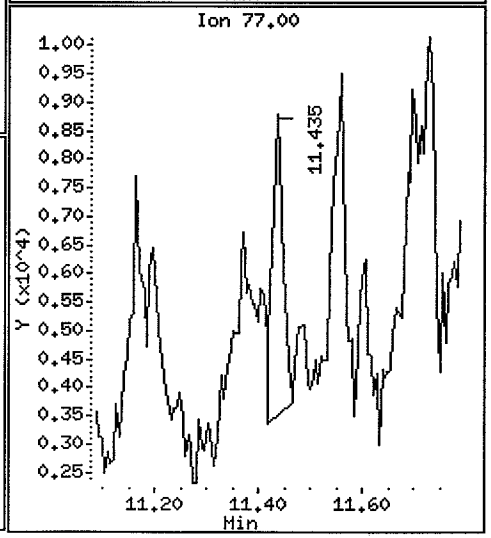












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

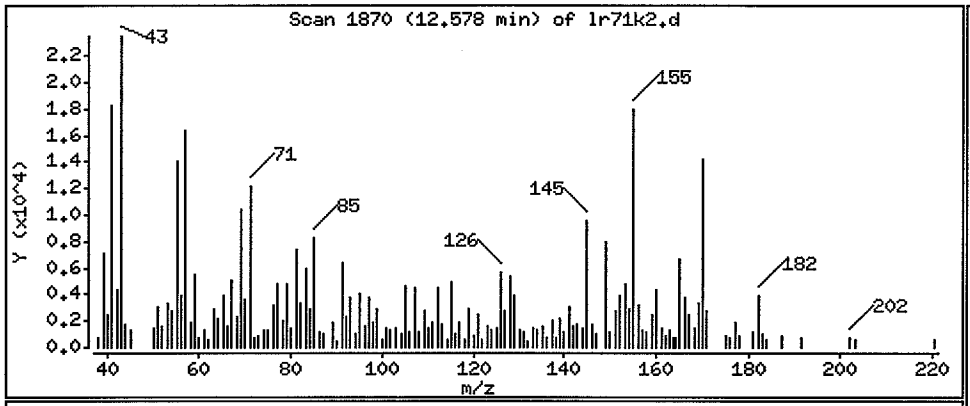
Operator: VTS

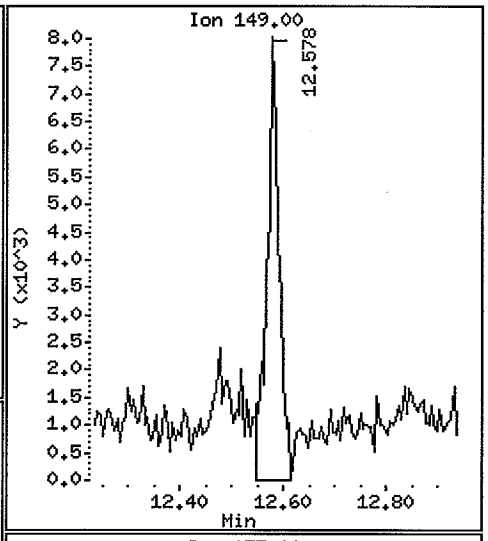
Column phase: ZB-5

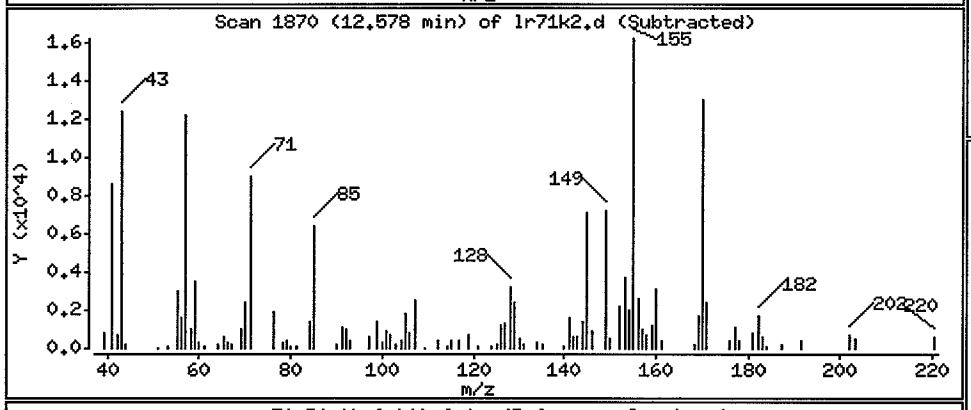
Column diameter: 0.32

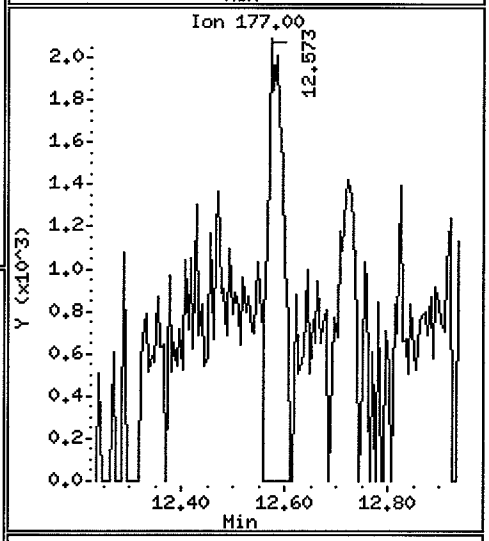
50 Diethylphthalate

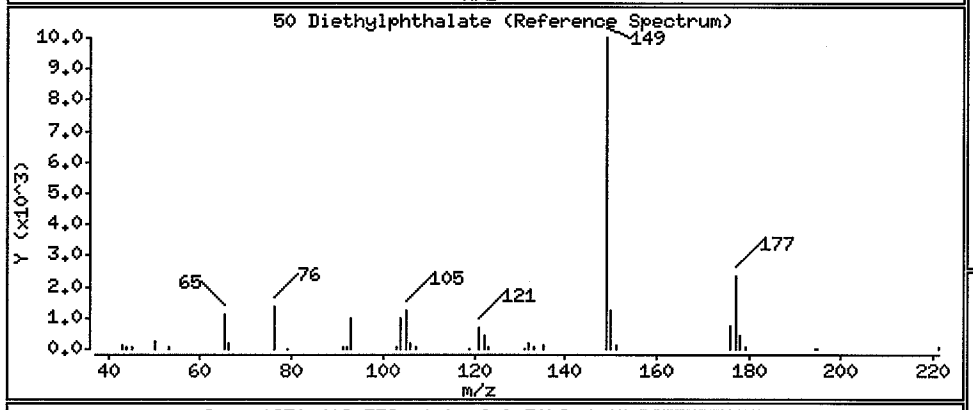
Concentration: 11.20 ug/Kg

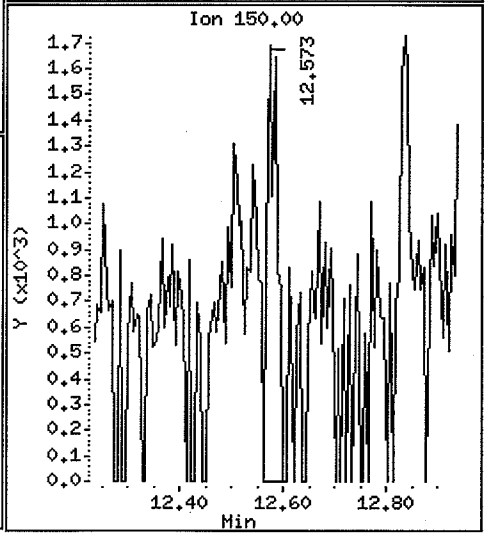


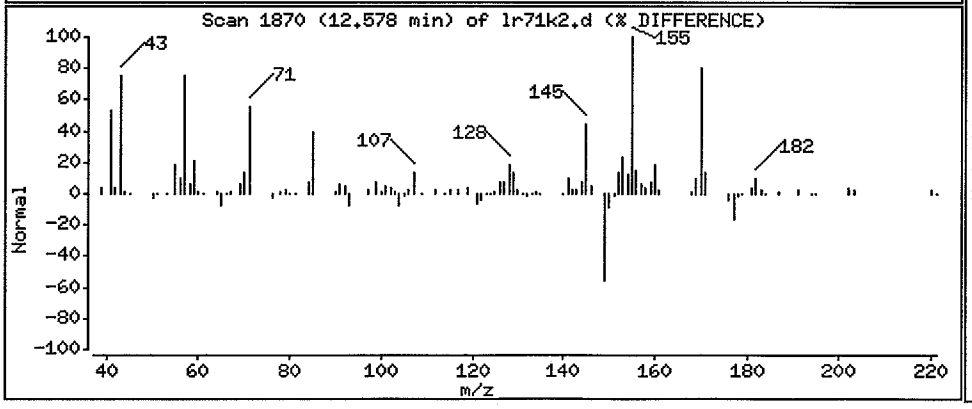












Data File: /chem3/nt4.i/20071101.b/lr71k2.d

Date : 01-NOV-2007 22:23

Client ID:

Instrument: nt4.i

Sample Info: LR71KRE

Volume Injected (uL): 1.0

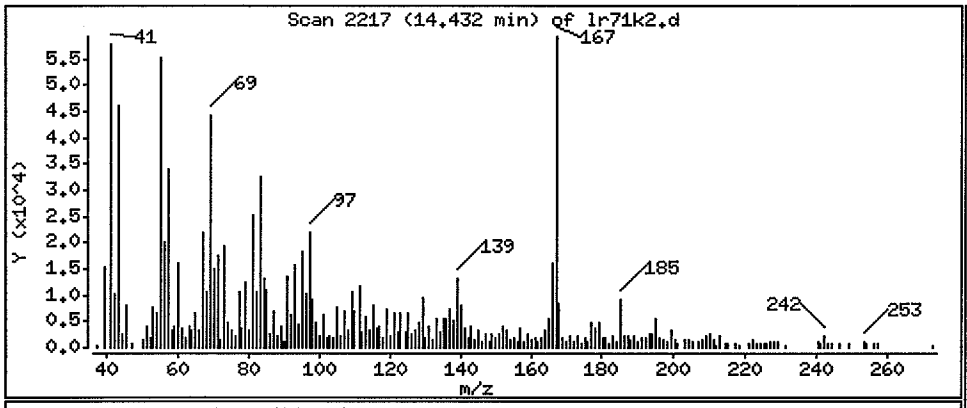
Operator: VTS

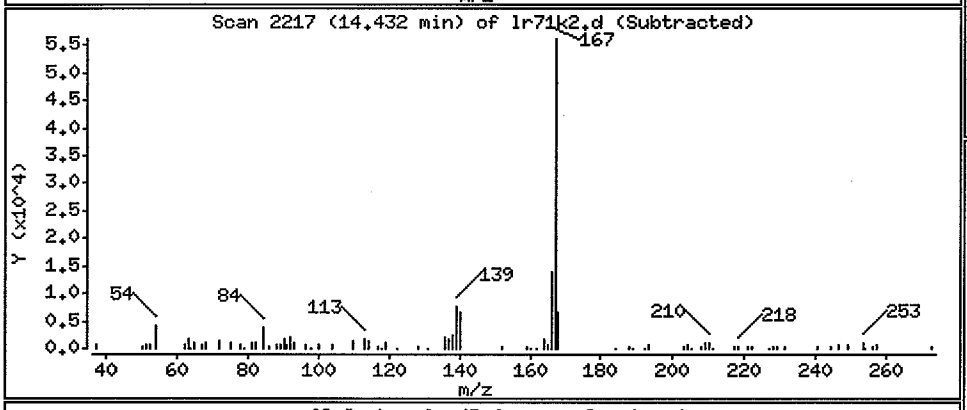
Column phase: ZB-5

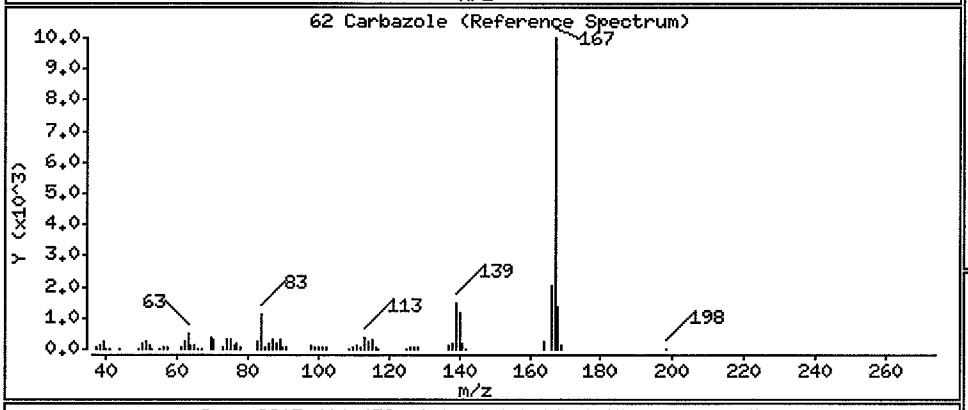
Column diameter: 0.32

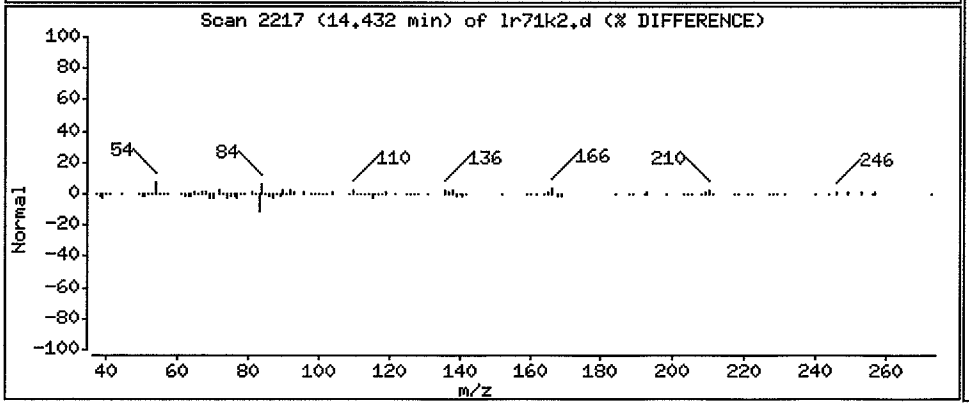
62 Carbazole

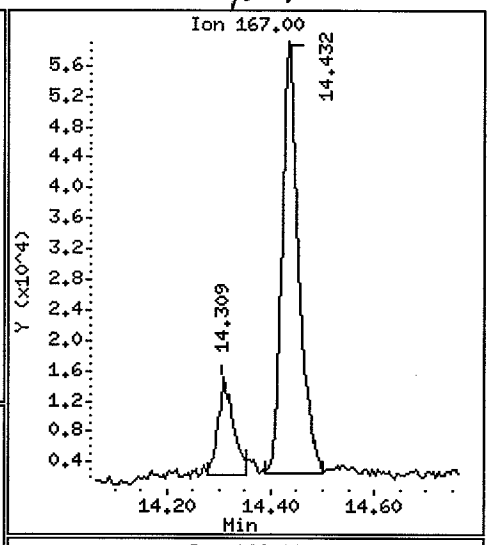
Concentration: 81.75 ug/Kg

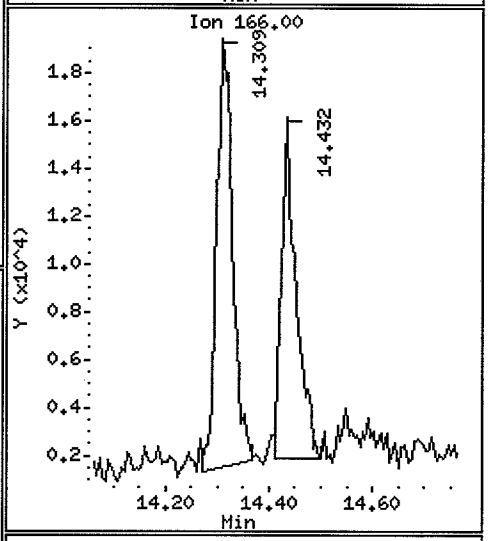


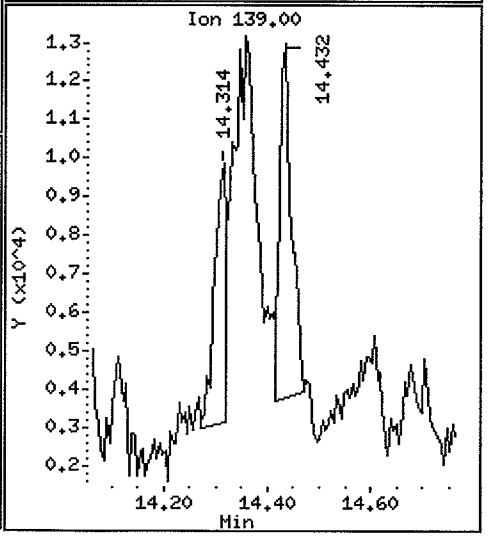












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-09
SAMPLE

Lab Sample ID: LR71L
LIMS ID: 07-20777
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/10/07
Date Analyzed: 10/18/07 21:25
Instrument/Analyst: NT6/LJR
GPC Cleanup: Yes

Sample Amount: 50.1 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.1%

CAS Number	Analyte	RL	Result
108-95-2	Phenol	20	< 20 U
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	4-Methylphenol	20	< 20 U
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	Benzoic Acid	200	< 200 U
120-82-1	1,2,4-Trichlorobenzene	10	< 10 UJ
91-20-3	**Naphthalene**	**20**	**22**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**66**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	Acenaphthene	20	< 20 U
132-64-9	**Dibenzofuran**	**20**	**28**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**24**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	10	< 10 UJ
87-86-5	Pentachlorophenol	100	< 100 U
85-01-8	**Phenanthrene**	**20**	**98**
120-12-7	**Anthracene**	**20**	**35**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**460**
129-00-0	**Pyrene**	**20**	**300**
85-68-7	Butylbenzylphthalate	20	< 20 U
56-55-3	**Benzo(a)anthracene**	**20**	**100**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**220**
218-01-9	**Chrysene**	**20**	**270**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**190**
207-08-9	**Benzo(k)fluoranthene**	**20**	**120**
50-32-8	**Benzo(a)pyrene**	**20**	**83**
193-39-5	Indeno(1,2,3-cd)pyrene	20	< 20 U
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	Benzo(g,h,i)perylene	20	< 20 U

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-09
SAMPLE

Lab Sample ID: LR71L
LIMS ID: 07-20777
Matrix: Sediment
Date Analyzed: 10/18/07 21:25

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	42

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	50.0%	2-Fluorobiphenyl	49.6%
d14-p-Terphenyl	60.4%	d4-1,2-Dichlorobenzene	45.2%
d5-Phenol	53.1%	2-Fluorophenol	60.8%
2,4,6-Tribromophenol	65.1%	d4-2-Chlorophenol	53.9%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem1/nt6.i/20071018.b/lr71l.d
Lab Smp Id: LR71L Client Smp ID: AN-SS-09
Inj Date : 18-OCT-2007 21:25
Operator : LJR/VTS Inst ID: nt6.i
Smp Info : LR71L
Misc Info : 07-20777
Comment : 1ul Injection
Method : /chem1/nt6.i/20071018.b/SW846.m
Meth Date : 25-Oct-2007 16:26 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 13:12 Cal File: 0051001.d
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	1000.00000	Volume of final extract (uL)
Ws	76.00000	Weight of sample extracted (g)
M	34.10000	% Moisture

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
$	1 2-Fluorophenol	112	5.965	5.917	(0.754)	326595	22.8001	455.2
$	2 Phenol-d5	99	7.509	7.488	(0.949)	363822	19.6827	397.0
	3 Phenol	94	Compound Not Detected.					
$	5 2-Chlorophenol-d4	132	7.610	7.600	(0.962)	246223	20.2033	403.4
	4 Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6 2-Chlorophenol	128	Compound Not Detected.					
	7 1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8 1,4-Dichlorobenzene-d4	152	7.910	7.904	(1.000)	194381	20.0000	
	9 1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10 1,2-Dichlorobenzene-d4	152	8.214	8.204	(1.038)	103636	11.3399	226.4
	12 1,2-Dichlorobenzene	146	Compound Not Detected.					
	11 Benzyl alcohol	108	Compound Not Detected.					
	14 2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13 2-Methylphenol	108	Compound Not Detected.					
	17 Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	16 N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
	15 4-Methylphenol	108	8.684	8.674	(1.098)	7419	0.54350 LDL	10.85
$	18 Nitrobenzene-d5	82	8.850	8.845	(0.887)	250826	12.4644	248.9
	19 Nitrobenzene	77	Compound Not Detected.					
	20 Isophorone	82	Compound Not Detected.					
	21 2-Nitrophenol	139	Compound Not Detected.					
	22 2,4-Dimethylphenol	107	Compound Not Detected.					
	23 Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
	24 Benzoic acid	105	Compound Not Detected.					
	25 2,4-Dichlorophenol	162	Compound Not Detected.					
	26 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
*	27 Naphthalene-d8	136	9.972	9.961	(1.000)	626323	20.0000	
	28 Naphthalene	128	10.004	9.999	(1.003)	41585	1.07213	21.51
	29 4-Chloroaniline	127	Compound Not Detected.					
	30 Hexachlorobutadiene	225	Compound Not Detected.					
	31 4-Chloro-3-methylphenol	107	Compound Not Detected.					
	32 2-Methylnaphthalene	141	11.136	11.126	(1.117)	64340	3.31674	66.22
	33 Hexachlorocyclopentadiene	237	Compound Not Detected.					
	34 2,4,6-Trichlorophenol	196	Compound Not Detected.					
	35 2,4,5-Trichlorophenol	196	Compound Not Detected.					
$	36 2-Fluorobiphenyl	172	11.788	11.777	(0.917)	383516	12.3614	246.8
	37 2-Chloronaphthalene	162	Compound Not Detected.					
	38 2-Nitroaniline	65	Compound Not Detected.					
	39 Dimethylphthalate	163	Compound Not Detected.					
	40 Acenaphthylene	152	12.600	12.584	(0.980)	29311	0.71734 LDL	14.32
	41 2,6-Dinitrotoluene	165	Compound Not Detected.					
*	42 Acenaphthene-d10	164	12.851	12.841	(1.000)	398480	20.0000	
	43 3-Nitroaniline	138	Compound Not Detected.					
	44 Acenaphthene	153	12.904	12.894	(1.004)	25048	0.97127 LDL	19.39
	45 2,4-Dinitrophenol	184	Compound Not Detected.					
	46 Dibenzofuran	168	13.166	13.156	(1.025)	50074	1.38594	27.67
	47 4-Nitrophenol	109	Compound Not Detected.					
	48 2,4-Dinitrotoluene	165	Compound Not Detected.					
	50 Diethylphthalate	149	Compound Not Detected.					
	49 Fluorene	166	13.722	13.711	(1.068)	34180	1.19773	23.91
	51 4-Chlorophenyl-phenylether	204	Compound Not Detected.					
	52 4-Nitroaniline	138	Compound Not Detected.					
	53 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
	54 N-Nitrosodiphenylamine	169	Compound Not Detected.					
$	55 2,4,6-Tribromophenol	330	14.155	14.139	(1.101)	94448	24.4298	487.8
	56 4-Bromophenyl-phenylether	248	Compound Not Detected.					
	57 Hexachlorobenzene	284	Compound Not Detected.					
	58 Pentachlorophenol	266	Compound Not Detected.					
*	59 Phenanthrene-d10	188	15.239	15.223	(1.000)	717880	20.0000	
	60 Phenanthrene	178	15.271	15.261	(1.002)	226953	4.92737	98.38
	61 Anthracene	178	15.346	15.335	(1.007)	80428	1.74391	34.82
	62 Carbazole	167	15.640	15.624	(1.026)	36206	0.88256 LDL	17.62 (M)
	63 Di-n-butylphthalate	149	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/kg)
	64 Fluoranthene	202	17.226	17.205	(1.130)	1200697	22.7955	455.1
	65 Pyrene	202	17.584	17.563	(0.898)	934553	15.1540	302.6
$	66 Terphenyl-d14	244	17.905	17.884	(0.914)	584103	15.1318	302.1
	67 Butylbenzylphthalate	149	Compound Not Detected.					
	68 Benzo(a)anthracene	228	19.561	19.529	(0.999)	341054	5.06934	101.2
*	69 Chrysene-d12	240	19.587	19.556	(1.000)	858666	20.0000	
	70 3,3'-Dichlorobenzidine	252	Compound Not Detected.					
	71 Chrysene	228	19.625	19.598	(1.002)	820513	13.5714	271.0
	72 bis(2-Ethylhexyl)phthalate	149	19.769	19.785	(0.953)	406807	10.7538	214.7(H)
*	134 Di-n-octylphthalate-d4	153	20.752	20.720	(1.000)	1251061	20.0000	
	73 Di-n-octylphthalate	149	Compound Not Detected.					
	74 Benzo(b)fluoranthene	252	21.233	21.190	(0.976)	373547	9.72909	194.3
	75 Benzo(k)fluoranthene	252	21.254	21.228	(0.977)	237776	5.85430	116.9(M)
	76 Benzo(a)pyrene	252	21.676	21.639	(0.996)	145789	4.13635	82.59
*	77 Perylene-d12	264	21.756	21.719	(1.000)	534676	20.0000	
	78 Indeno(1,2,3-cd)pyrene	276	23.252	23.215	(1.069)	39919	0.95500	19.07
	79 Dibenzo(a,h)anthracene	278	Compound Not Detected.					
	80 Benzo(g,h,i)perylene	276	23.653	23.616	(1.087)	27055	0.64725	12.92
	90 N-Nitrosodimethylamine	74	Compound Not Detected.					
	91 Aniline	93	Compound Not Detected.					
	93 Benzidine	184	Compound Not Detected.					
	103 Pyridine	79	Compound Not Detected.					
	105 1-methylnaphthalene	141	11.307	11.297	(1.134)	41204	2.12997	42.53
	111 Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt6.i
Lab File ID: lr71l.d
Lab Smp Id: LR71L
Analysis Type: SV
Quant Type: ISTD
Operator: LJR/VTS
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20777

Calibration Date: 18-OCT-2007
Calibration Time: 10:07
Client Smp ID: AN-SS-09
Level: LOW
Sample Type: Sediment

Test Mode:
Use Initial Calibration Level 4.

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	212076	106038	424152	194381	-8.34
27 Naphthalene-d8	656578	328289	1313156	626323	-4.61
42 Acenaphthene-d10	353705	176852	707410	398480	12.66
59 Phenanthrene-d10	526440	263220	1052880	717880	36.37
69 Chrysene-d12	581923	290962	1163846	858666	47.56
134 Di-n-octylphthala	979097	489548	1958194	1251061	27.78
77 Perylene-d12	686531	343266	1373062	534676	-22.12

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	7.90	7.40	8.40	7.91	0.06
27 Naphthalene-d8	9.96	9.46	10.46	9.97	0.11
42 Acenaphthene-d10	12.84	12.34	13.34	12.85	0.08
59 Phenanthrene-d10	15.22	14.72	15.72	15.24	0.10
69 Chrysene-d12	19.56	19.06	20.06	19.59	0.16
134 Di-n-octylphthala	20.72	20.22	21.22	20.75	0.15
77 Perylene-d12	21.72	21.22	22.22	21.76	0.17

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

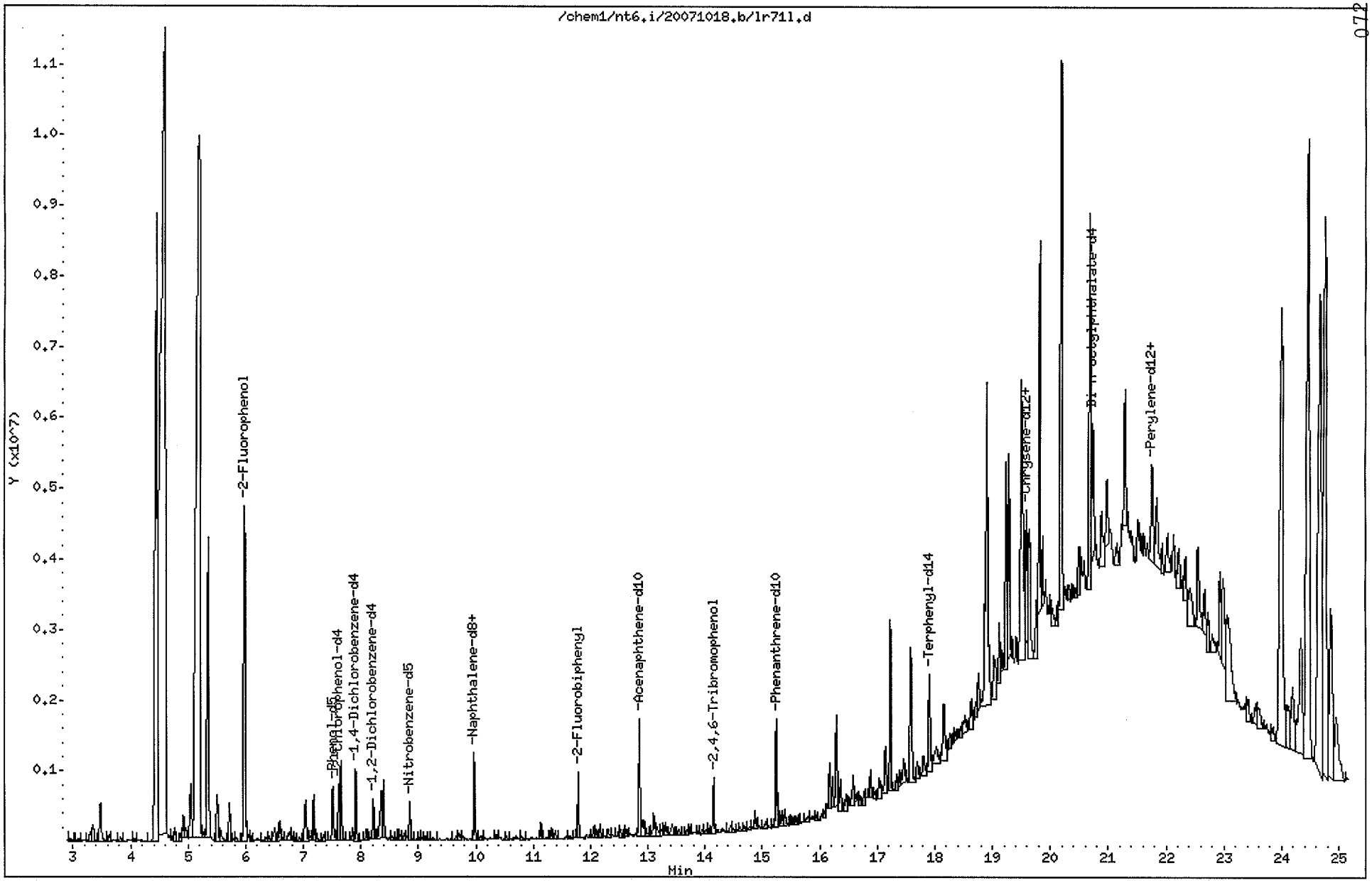
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71L
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20777

Client SDG: LR71
Fraction: SV
Client Smp ID: AN-SS-09
Operator: LJR/VTS
SampleType: SAMPLE
Quant Type: ISTD

SURROGATE COMPOUND	CONC ADDED ug/kg	CONC RECOVERED ug/kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	748.7	455.2	60.80	11-84
$ 2 Phenol-d5	748.7	397.0	53.02	25-86
$ 5 2-Chlorophenol-d4	748.7	403.4	53.88	23-91
$ 10 1,2-Dichlorobenzen	499.2	226.4	45.36	24-90
$ 18 Nitrobenzene-d5	499.2	248.9	49.86	26-88
$ 36 2-Fluorobiphenyl	499.2	246.8	49.45	34-91
$ 55 2,4,6-Tribromophen	748.7	487.8	65.15	25-107
$ 66 Terphenyl-d14	499.2	302.1	60.53	22-100

Data File: /chem1/nt6.i/20071018.b/lr711.d
Date : 18-OCT-2007 21:25
Client ID: AN-SS-09
Sample Info: LR71L
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt6.i
Operator: LJR/VTS
Column diameter: 0.32



Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

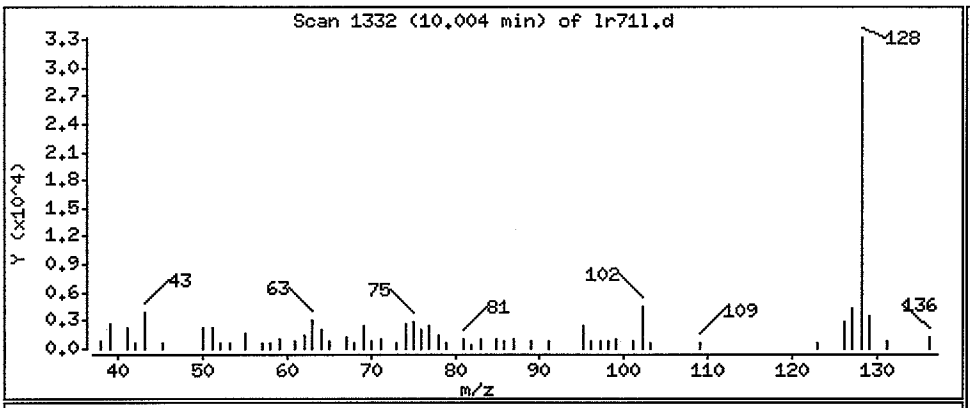
Client ID: AN-SS-09 Instrument: nt6.i

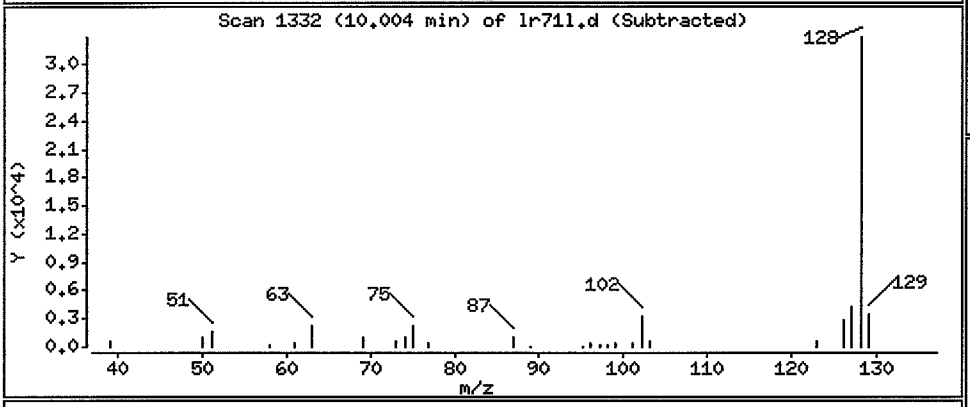
Sample Info: LR71L

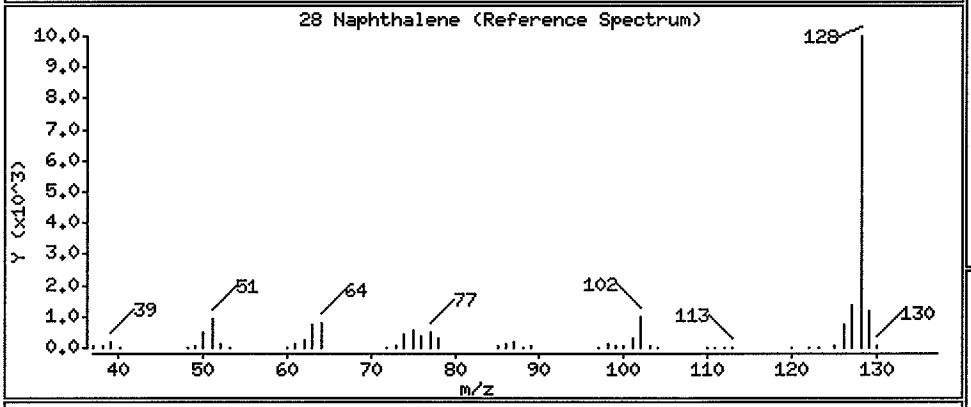
Volume Injected (uL): 1.0 Operator: LJR/VTS

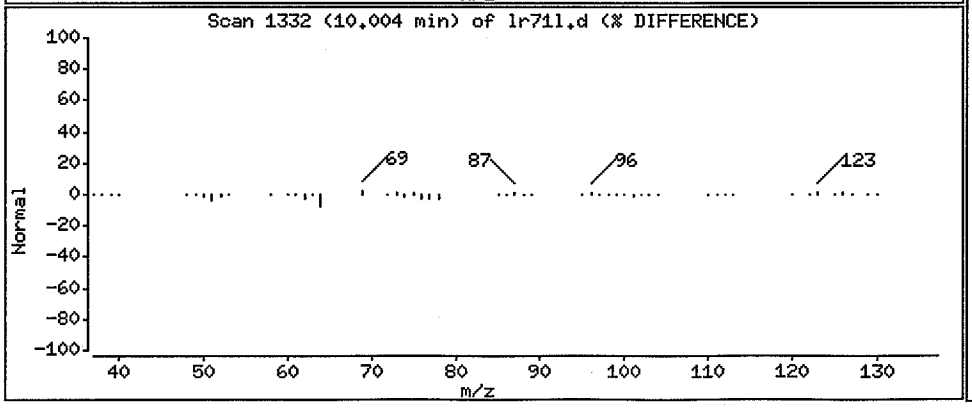
Column phase: ZB-5 Column diameter: 0.32

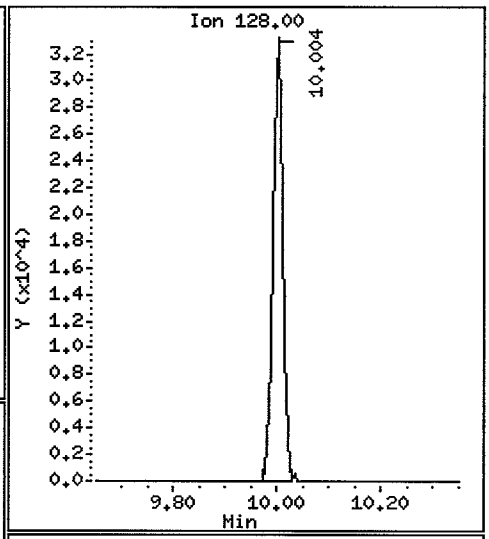
28 Naphthalene Concentration: 21.51 ug/kg

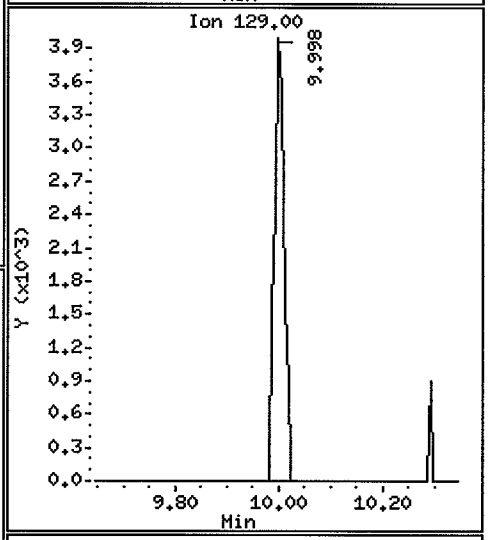


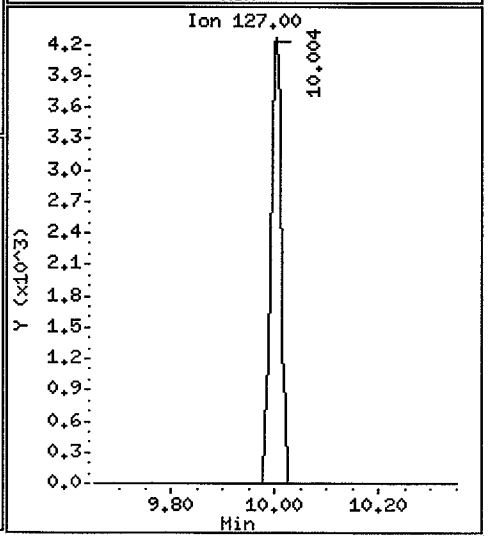












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

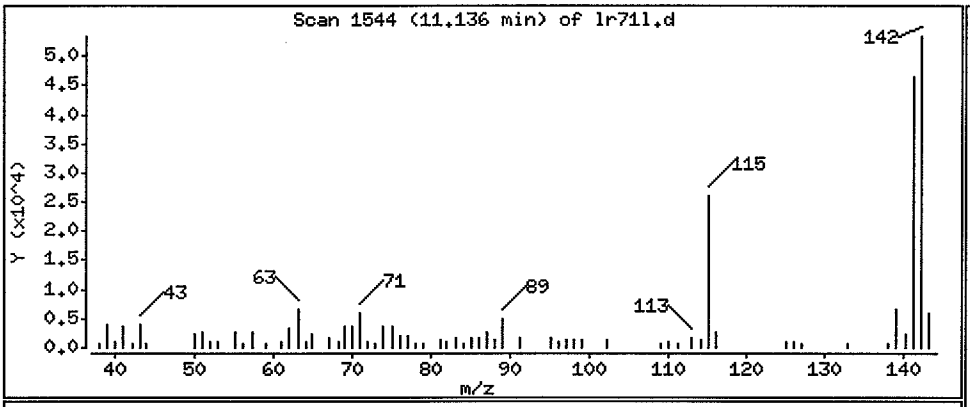
Client ID: AN-SS-09 Instrument: nt6.i

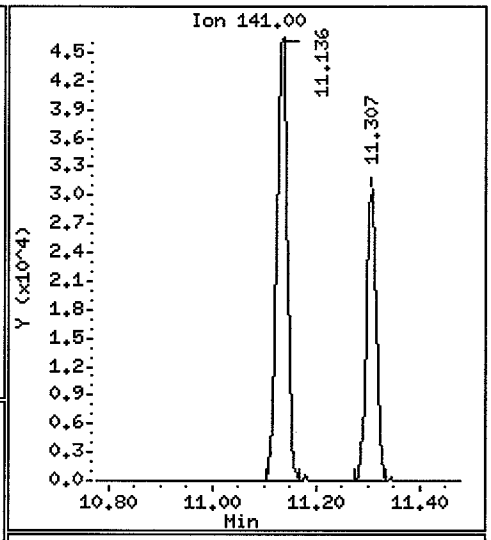
Sample Info: LR71L

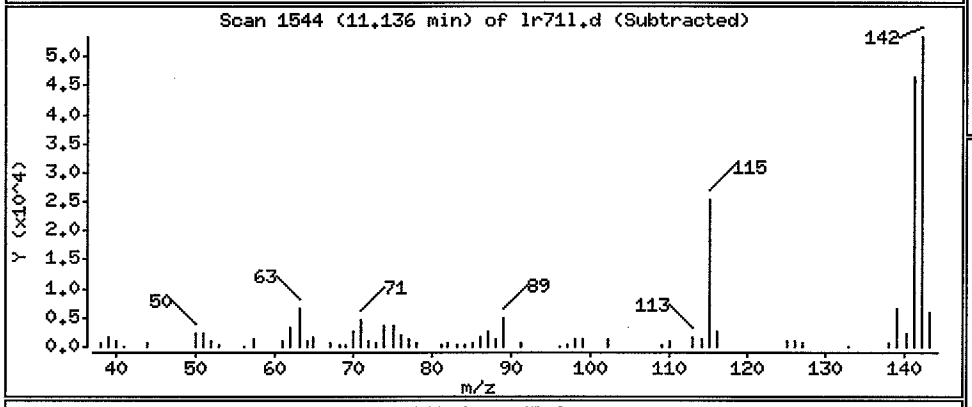
Volume Injected (uL): 1.0 Operator: LJR/VTS

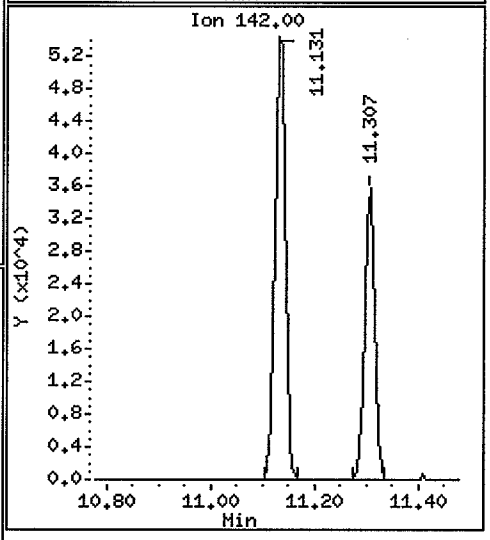
Column phase: ZB-5 Column diameter: 0.32

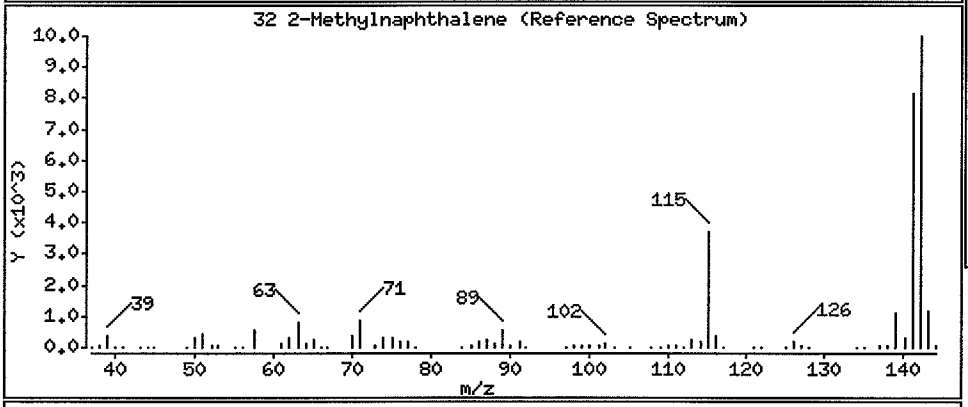
32 2-Methylnaphthalene Concentration: 66.22 ug/kg

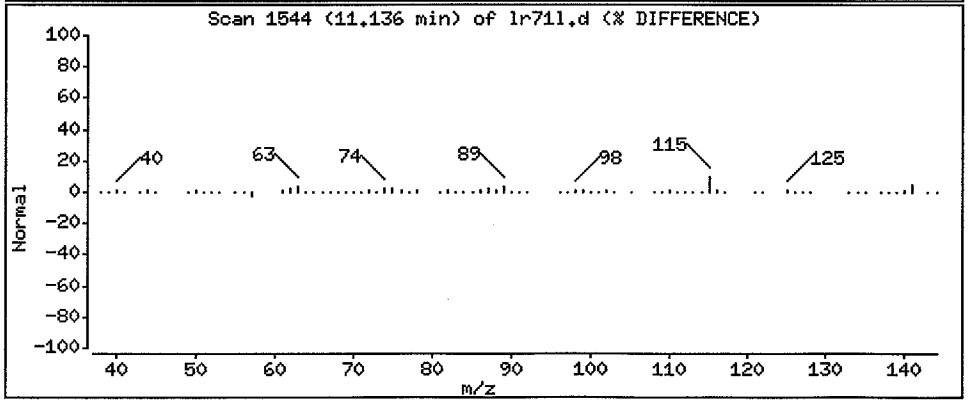












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

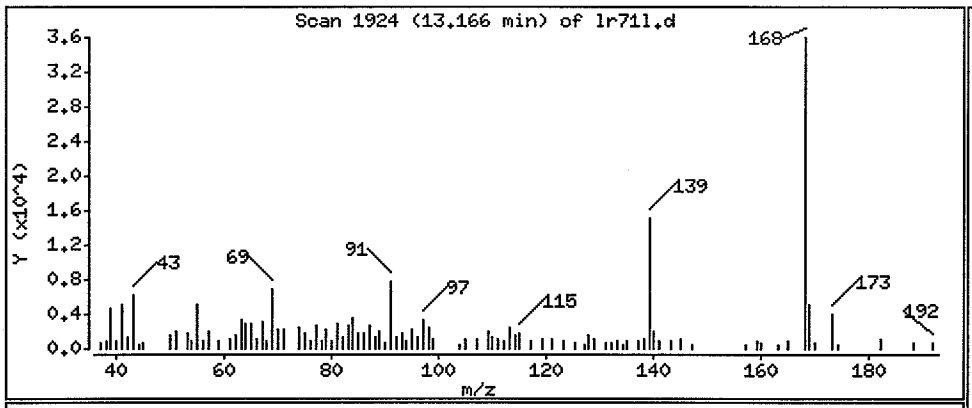
Operator: LJR/VTS

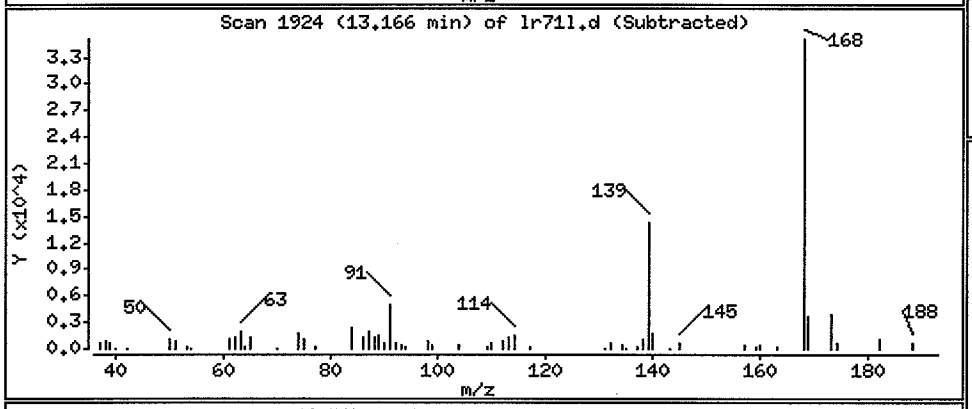
Column phase: ZB-5

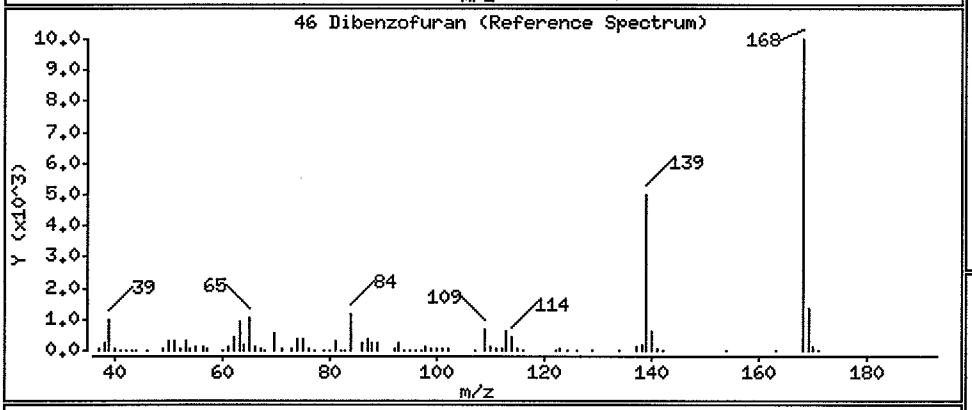
Column diameter: 0.32

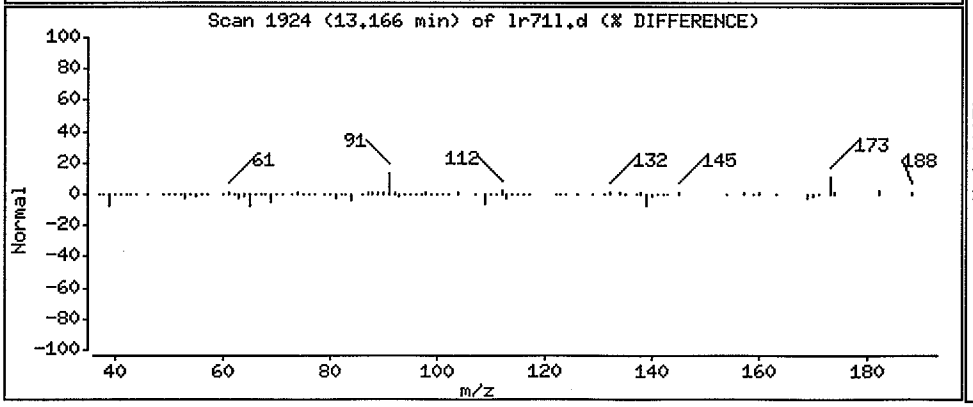
46 Dibenzofuran

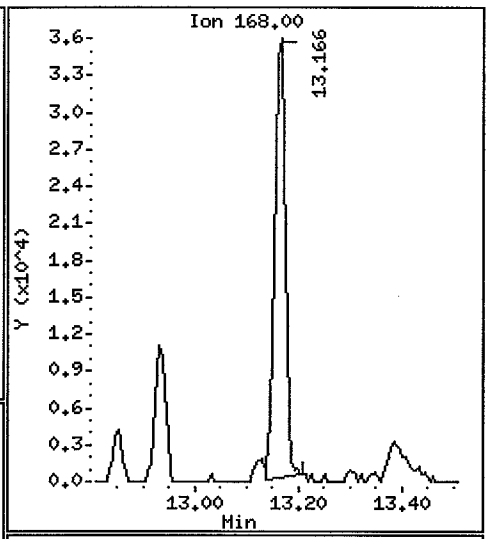
Concentration: 27.67 ug/kg

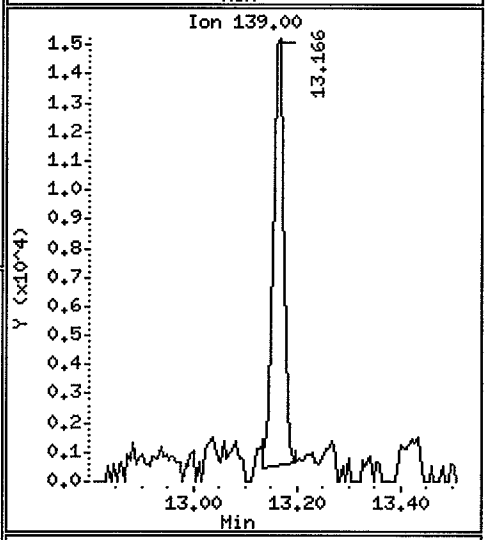


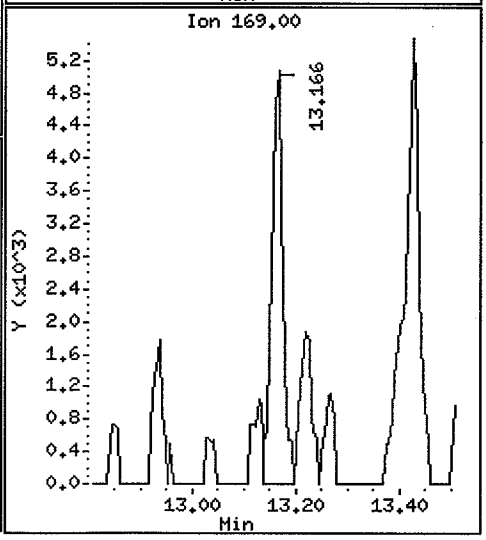












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

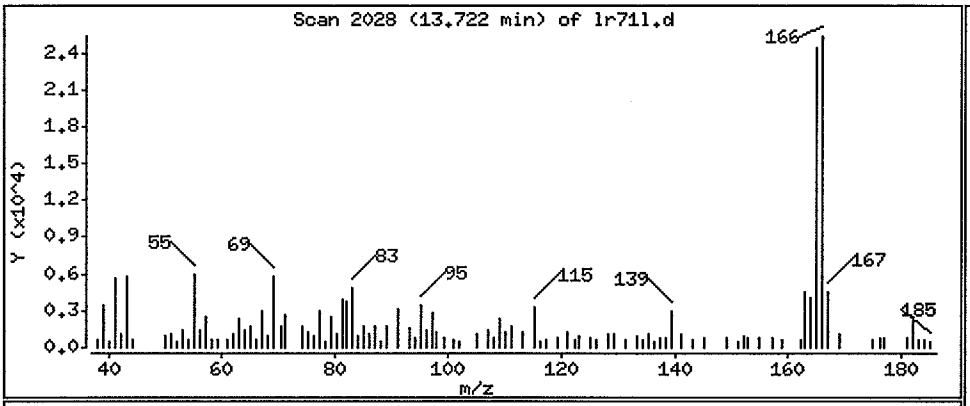
Operator: LJR/VTS

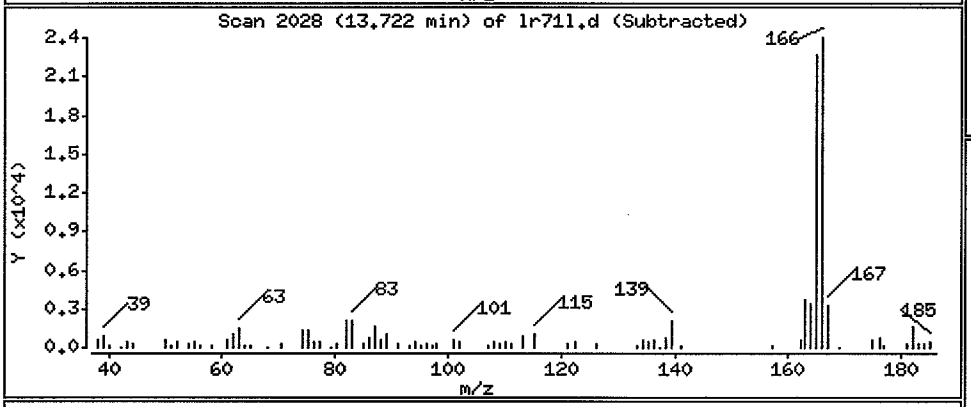
Column phase: ZB-5

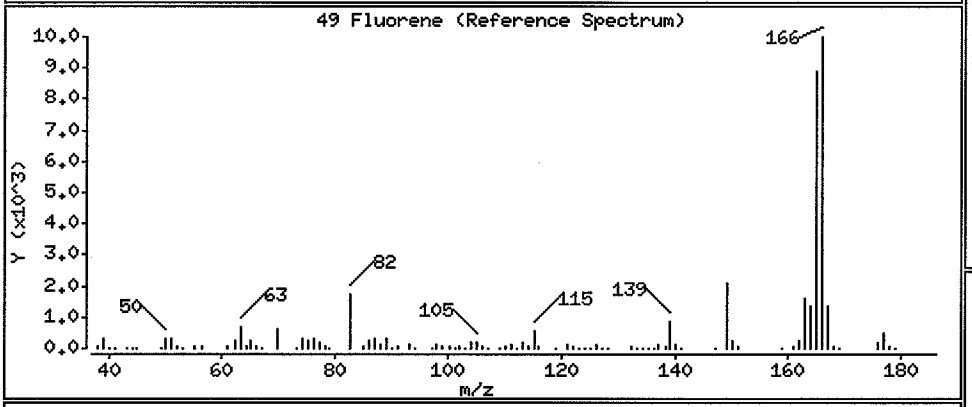
Column diameter: 0.32

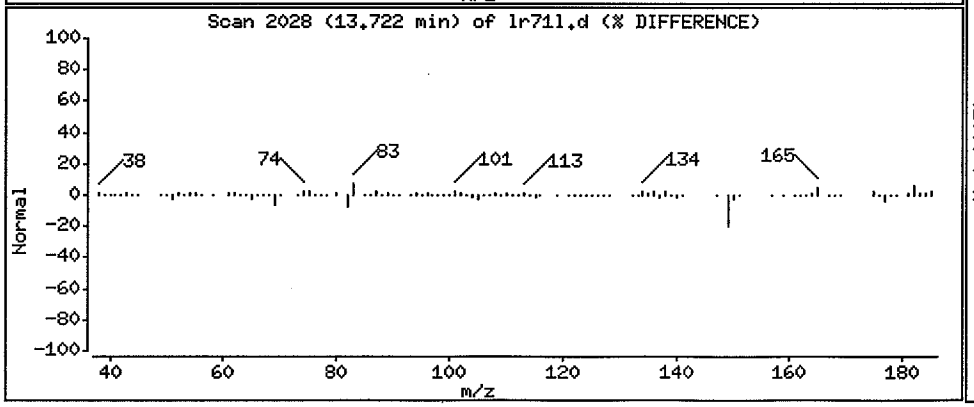
49 Fluorene

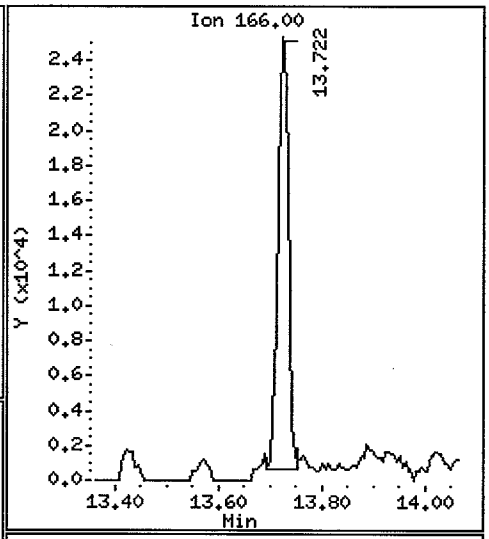
Concentration: 23.91 ug/kg

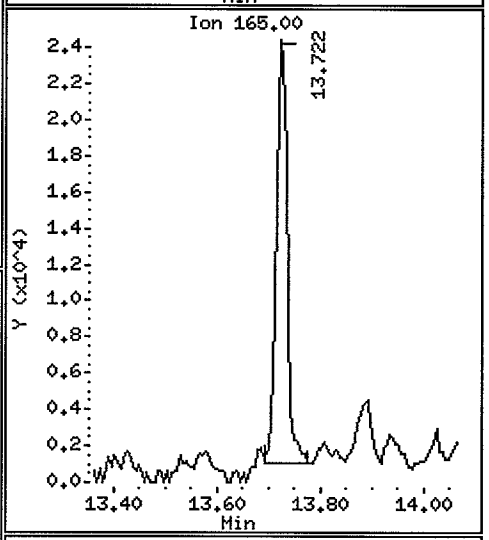


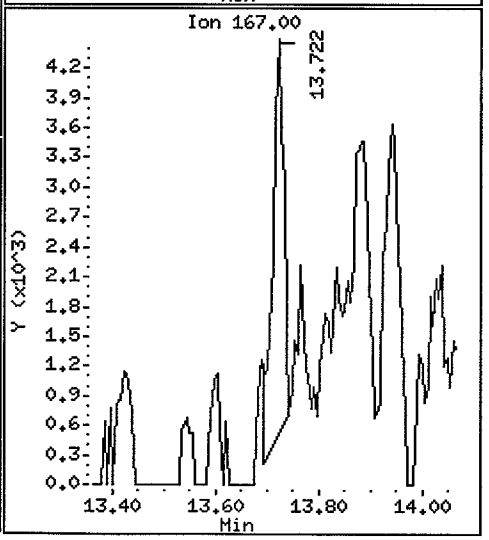












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

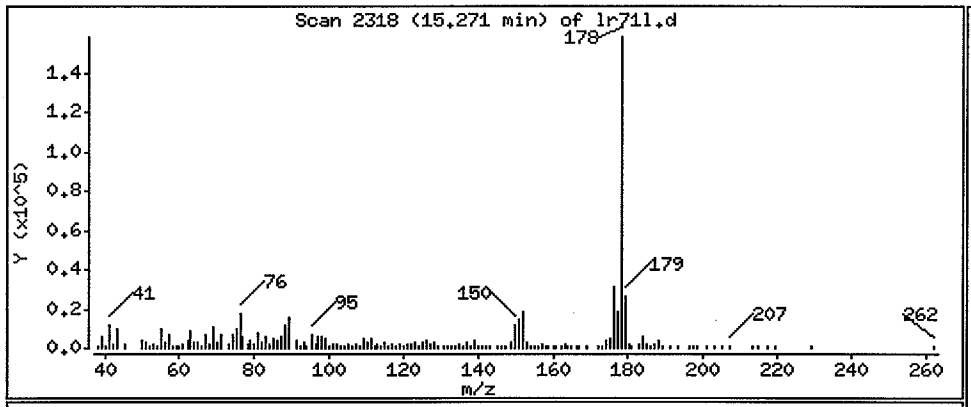
Operator: LJR/VTS

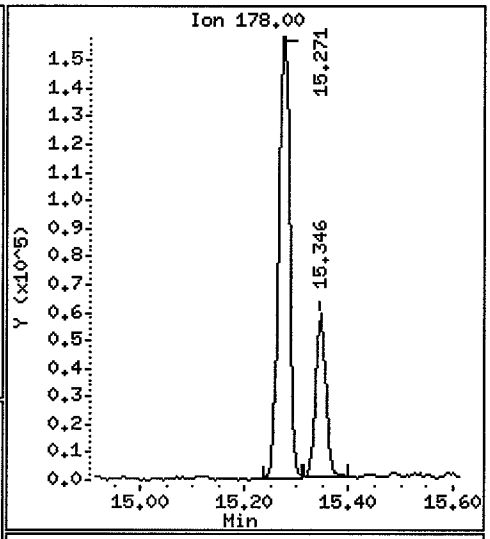
Column phase: ZB-5

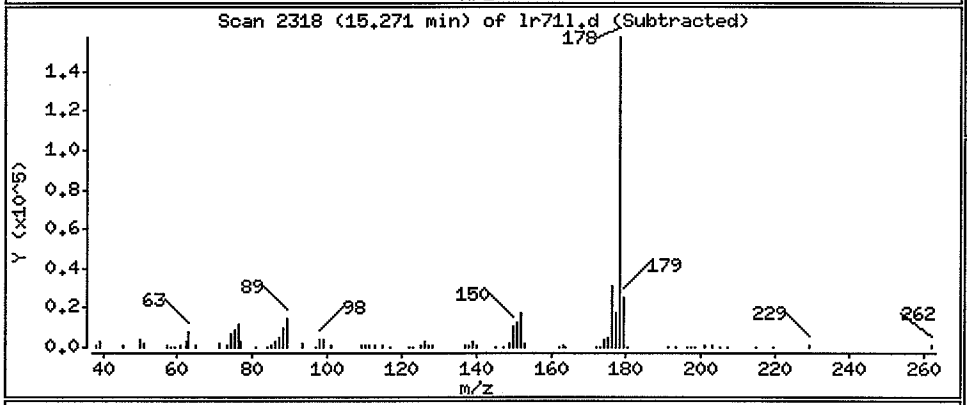
Column diameter: 0.32

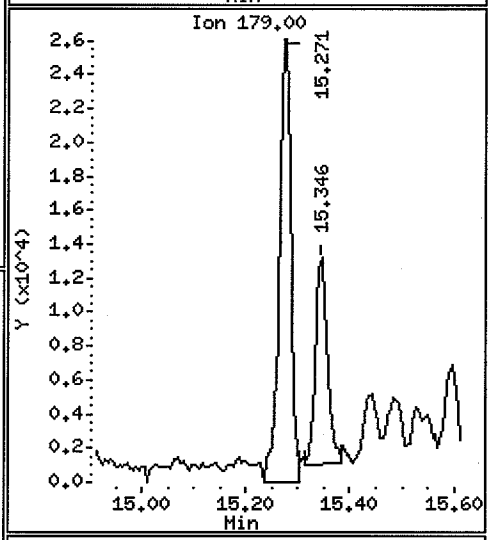
60 Phenanthrene

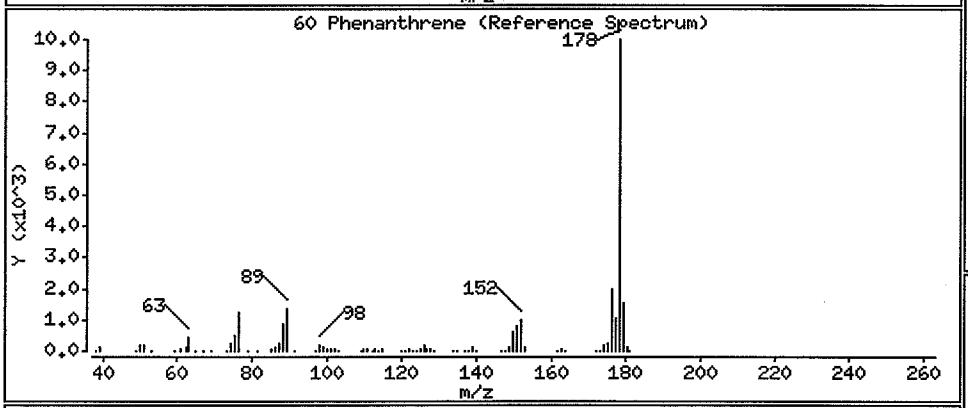
Concentration: 98.38 ug/kg

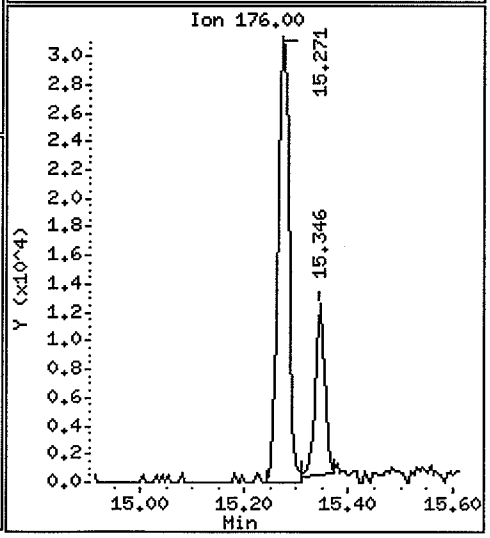


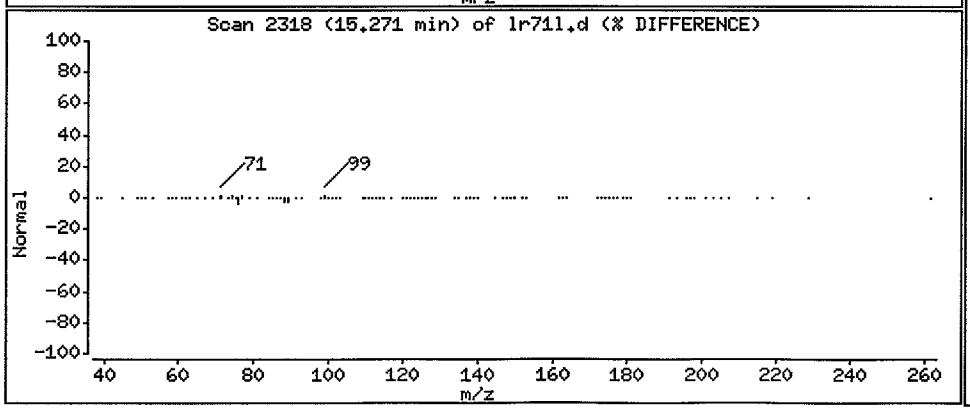












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

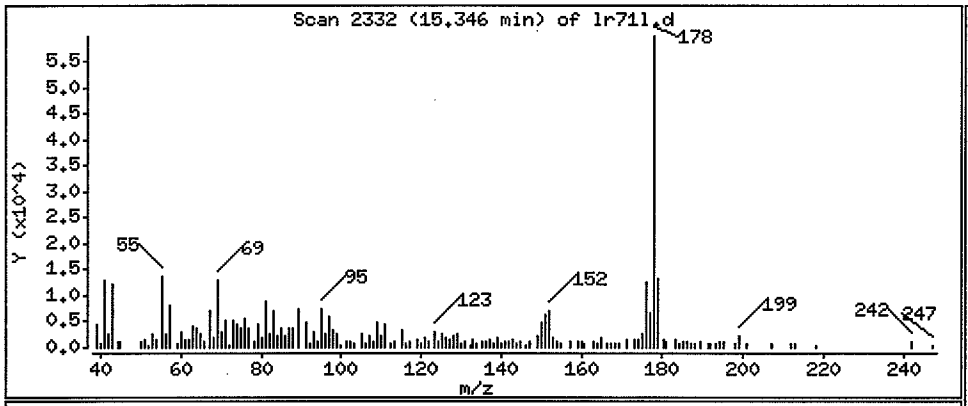
Operator: LJR/VTS

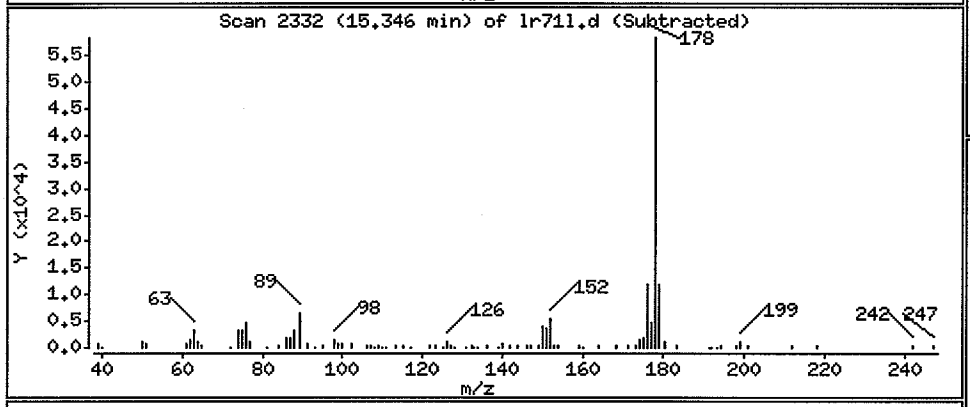
Column phase: ZB-5

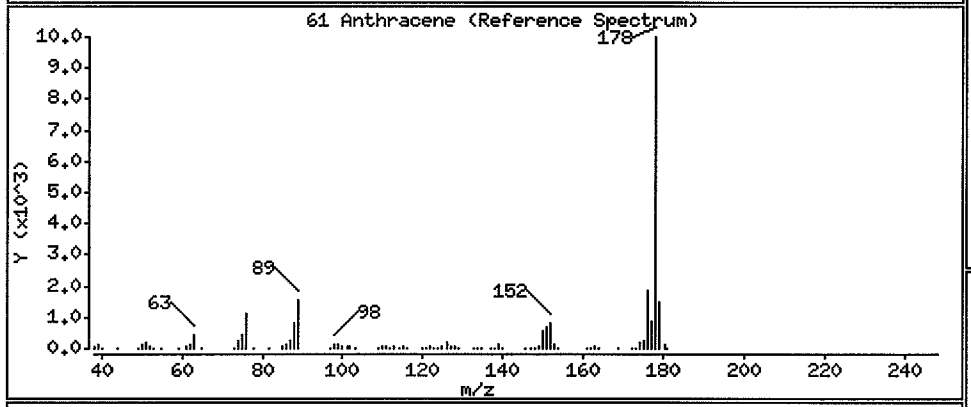
Column diameter: 0.32

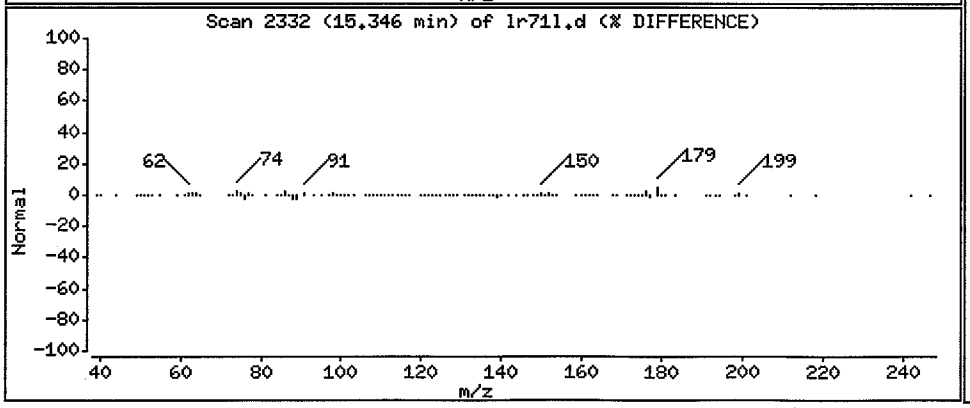
61 Anthracene

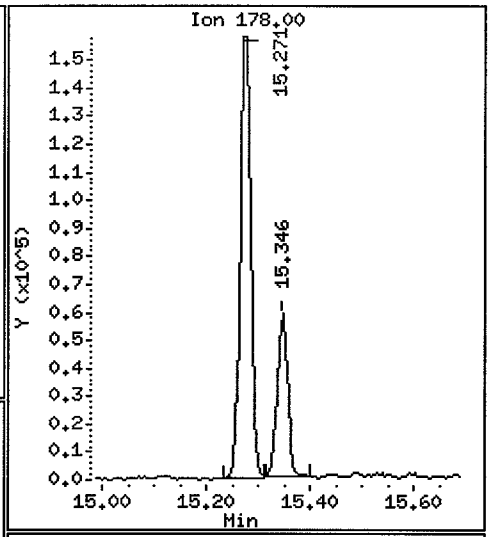
Concentration: 34.82 ug/kg

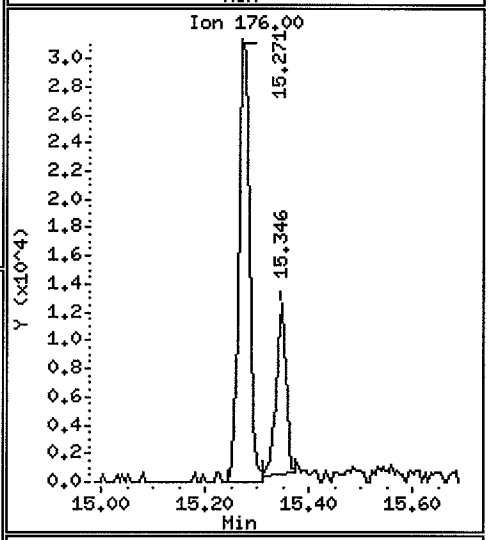


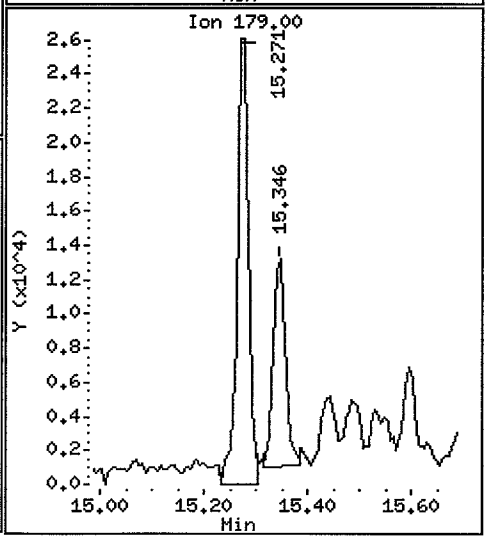












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

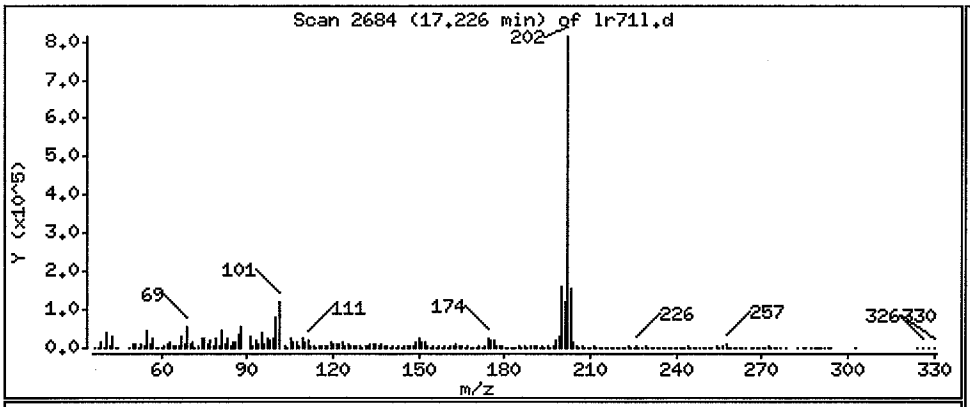
Client ID: AN-SS-09 Instrument: nt6.i

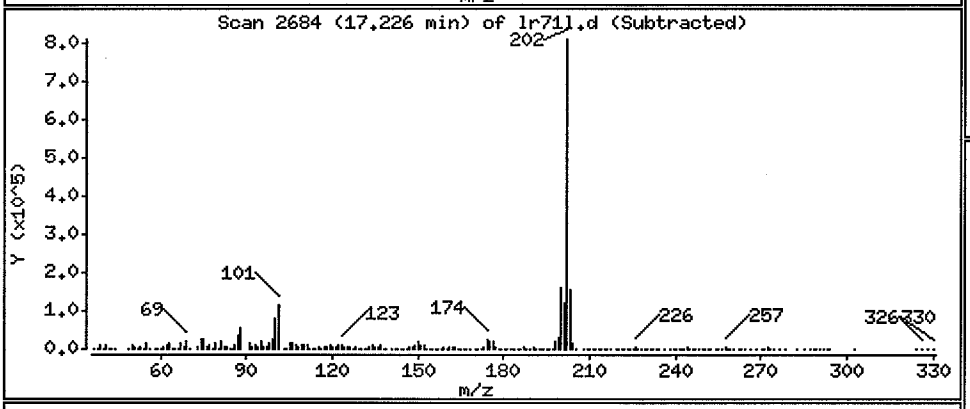
Sample Info: LR71L

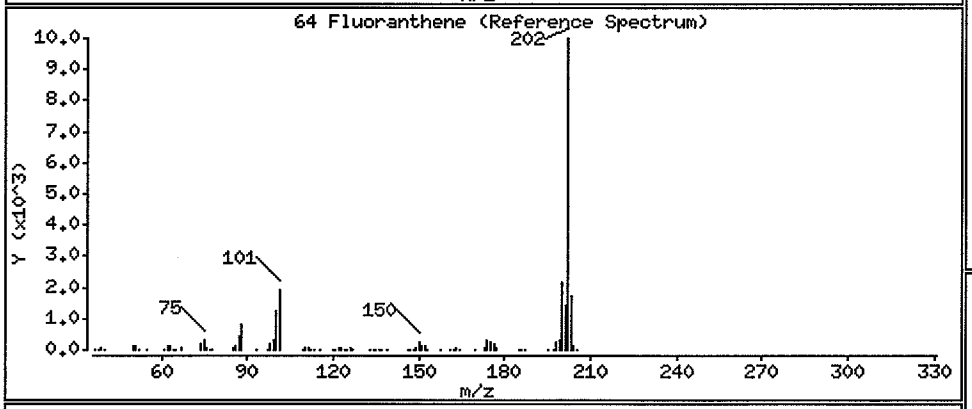
Volume Injected (uL): 1.0 Operator: LJR/VTS

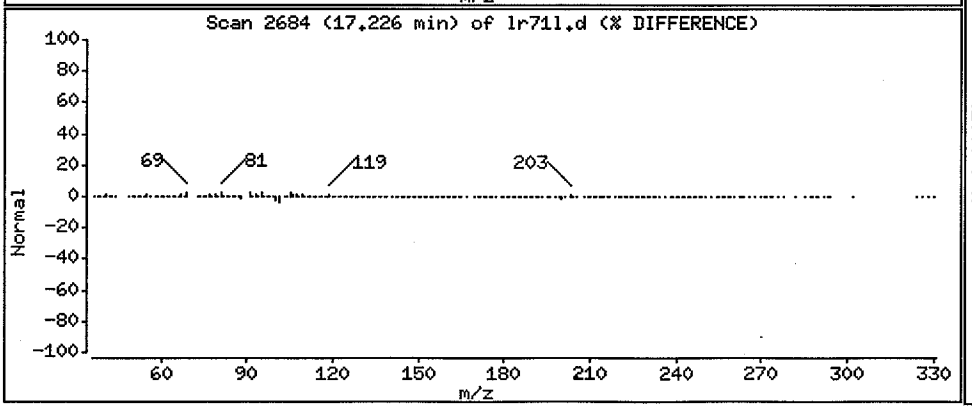
Column phase: ZB-5 Column diameter: 0.32

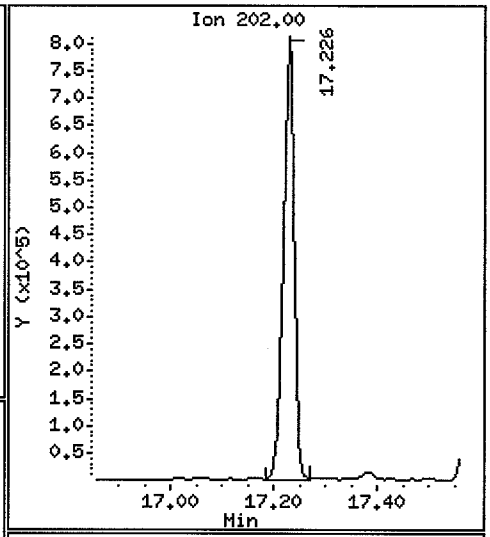
64 Fluoranthene Concentration: 455.1 ug/kg

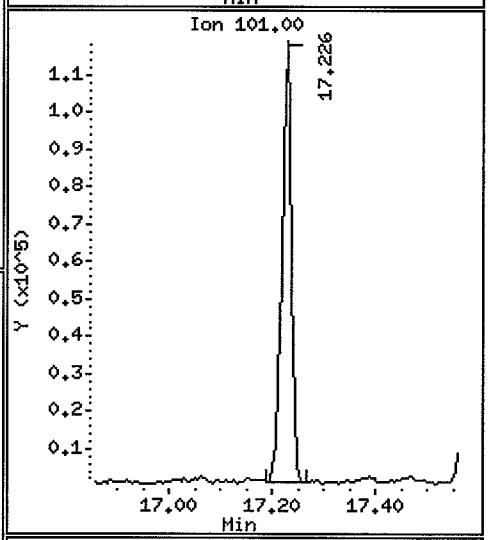


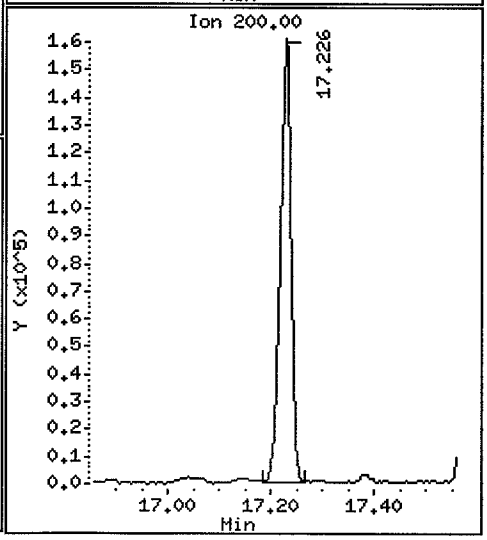












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

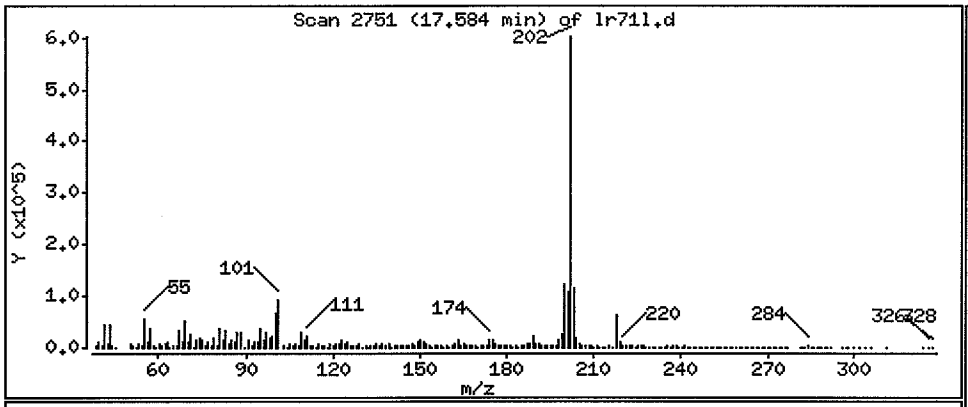
Operator: LJR/VTS

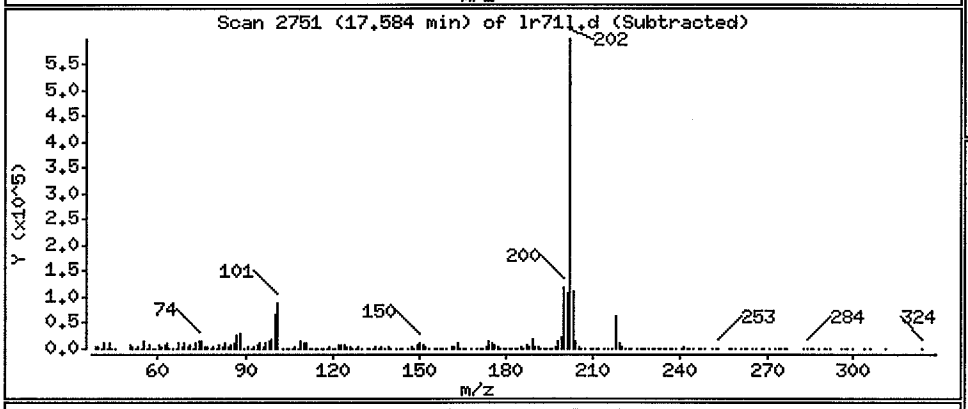
Column phase: ZB-5

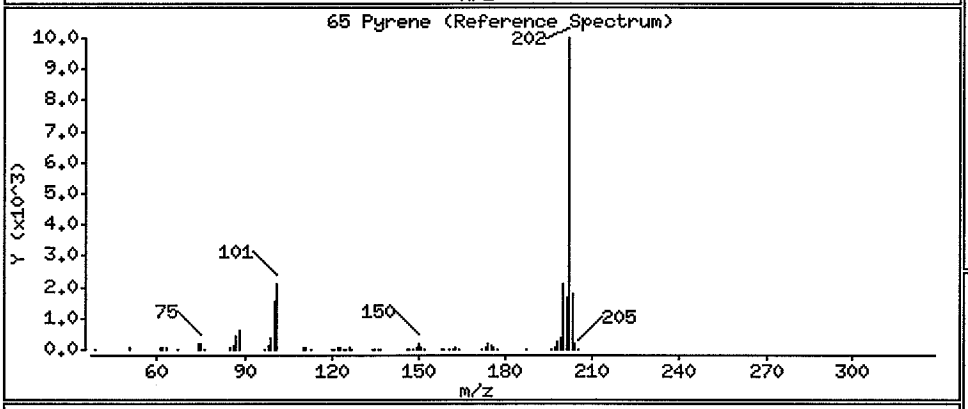
Column diameter: 0.32

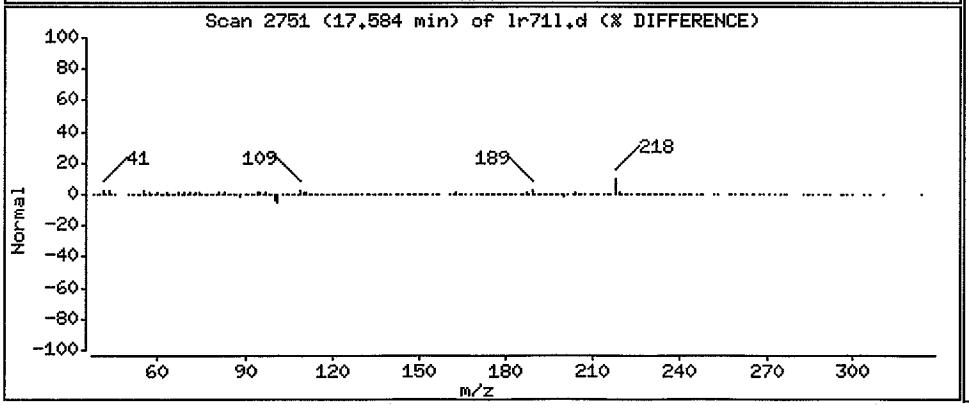
65 Pyrene

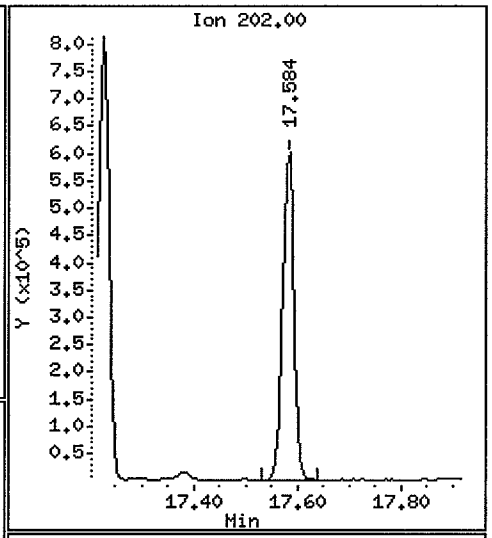
Concentration: 302.6 ug/kg

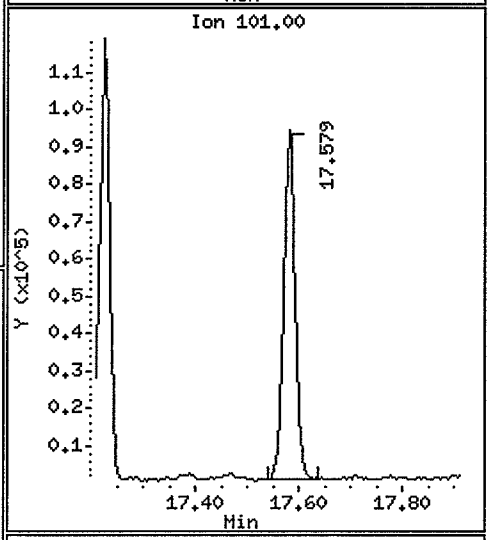


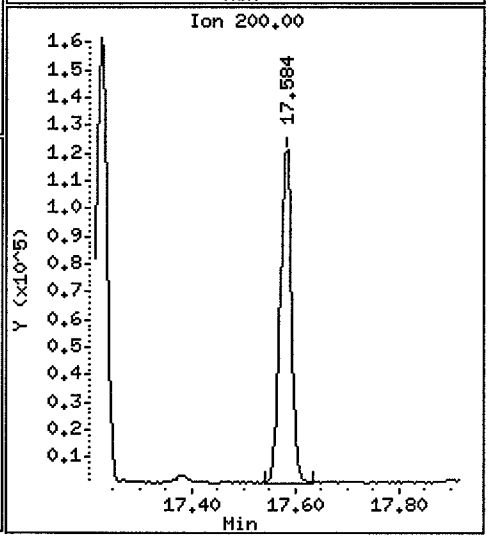












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

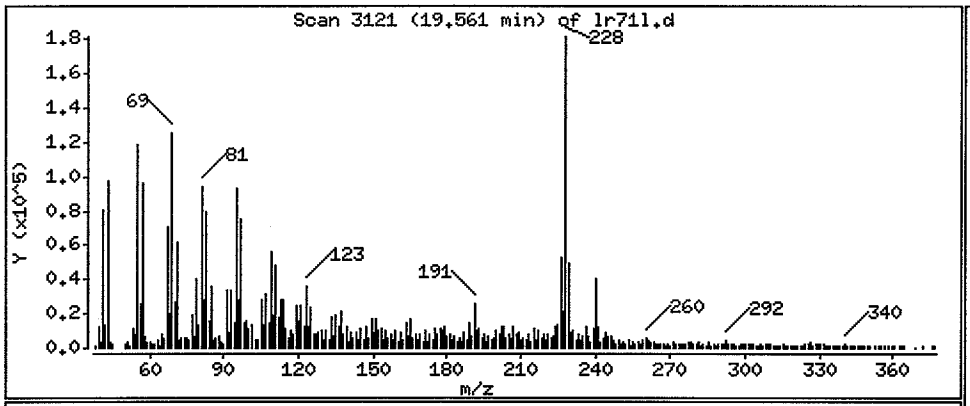
Operator: LJR/VTS

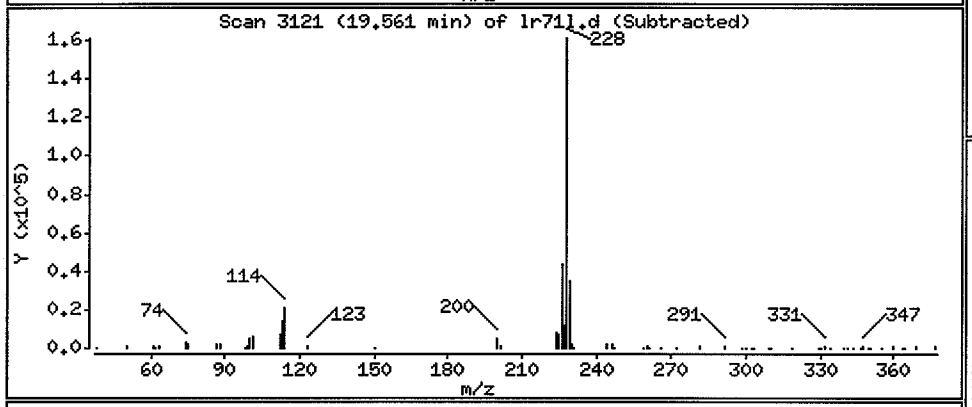
Column phase: ZB-5

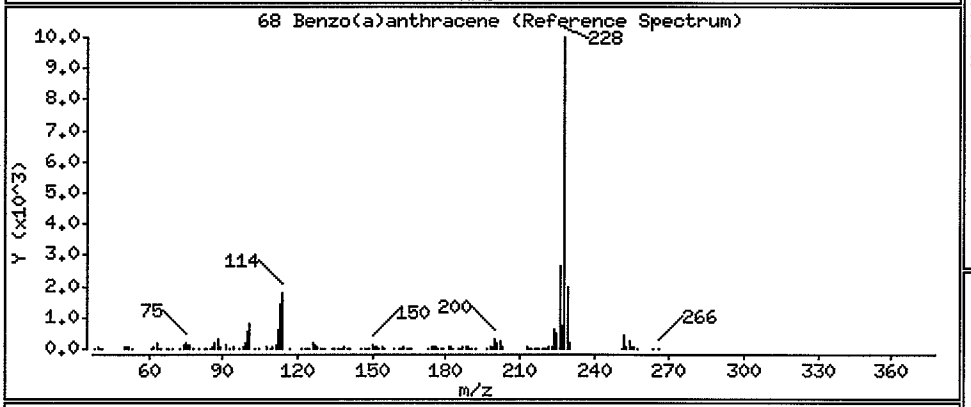
Column diameter: 0.32

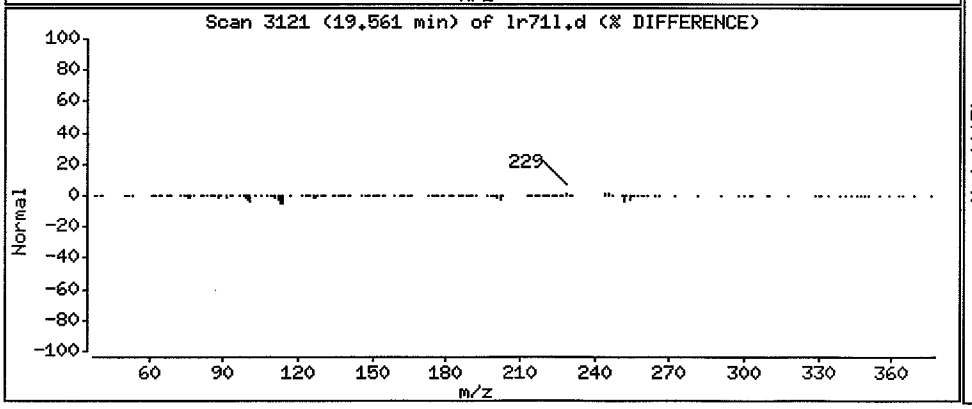
68 Benzo(a)anthracene

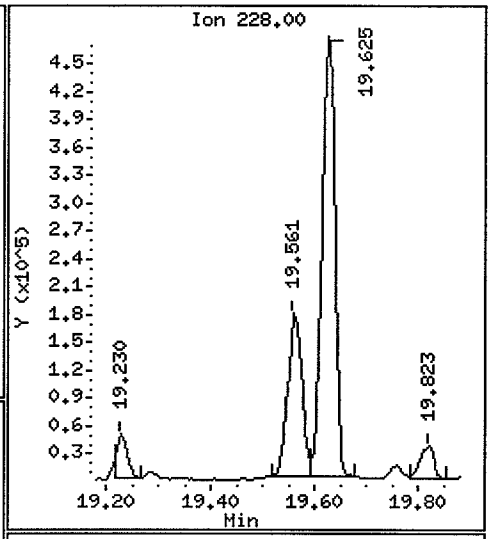
Concentration: 101.2 ug/kg

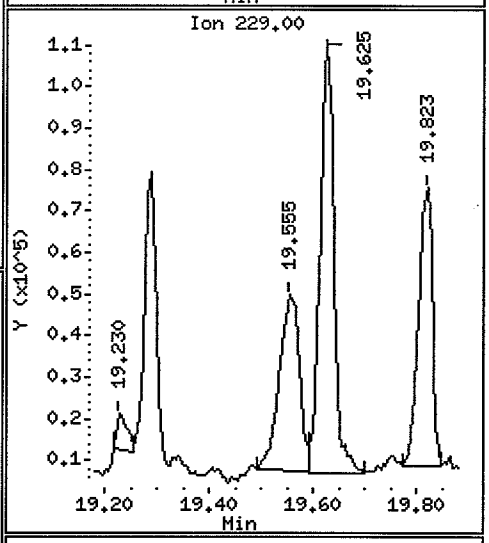


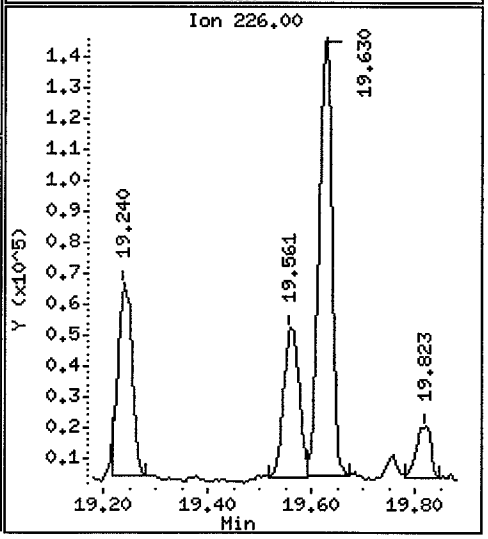












Data File: /chem1/nt6.i/20071018.b/lr71l.d

Date : 18-OCT-2007 21:25

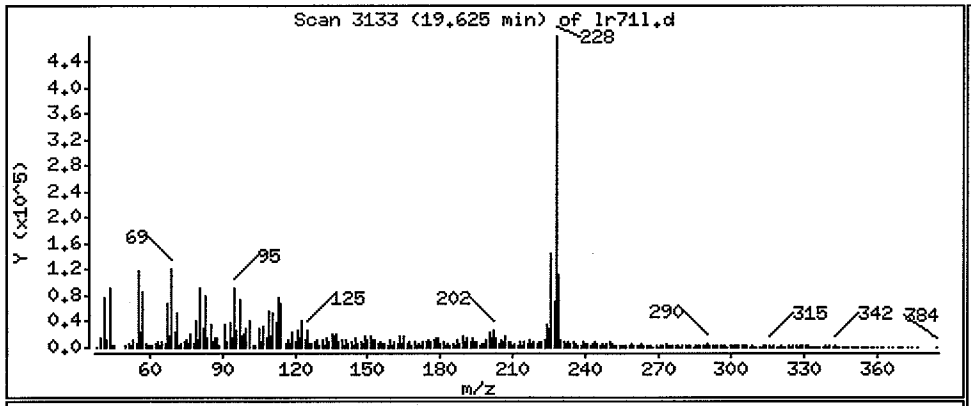
Client ID: AN-SS-09 Instrument: nt6.i

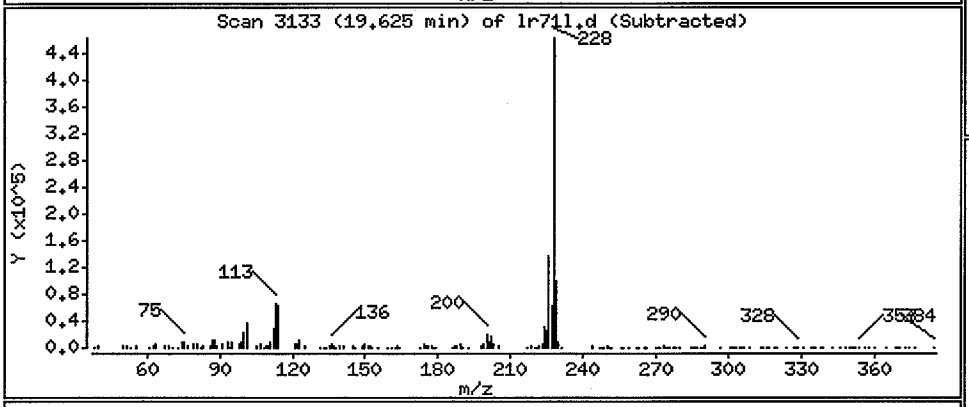
Sample Info: LR71L

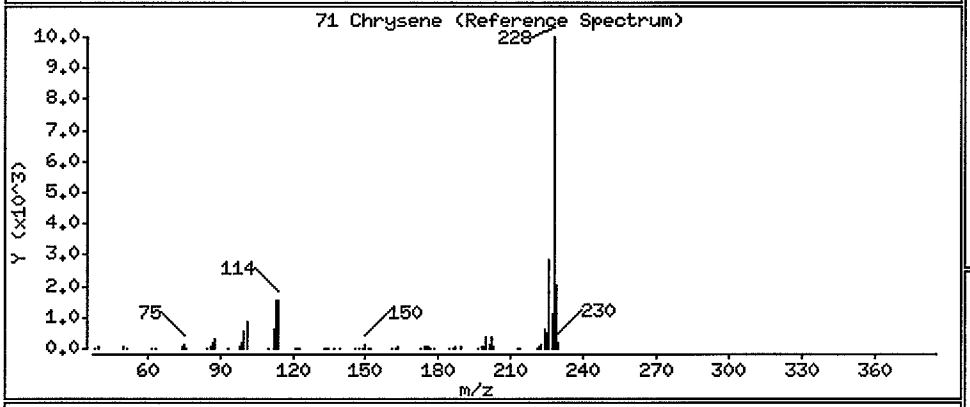
Volume Injected (uL): 1.0 Operator: LJR/VTS

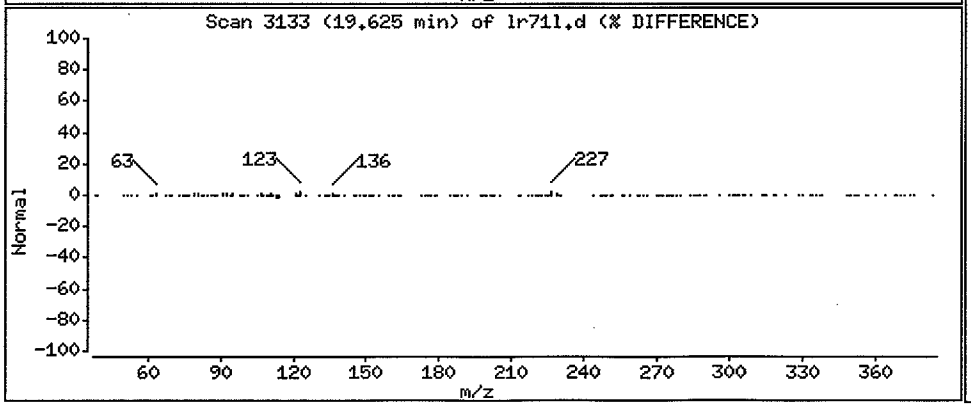
Column phase: ZB-5 Column diameter: 0.32

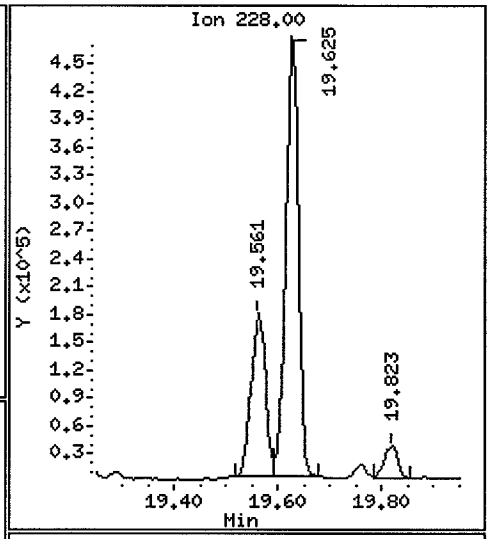
71 Chrysene Concentration: 271.0 ug/kg

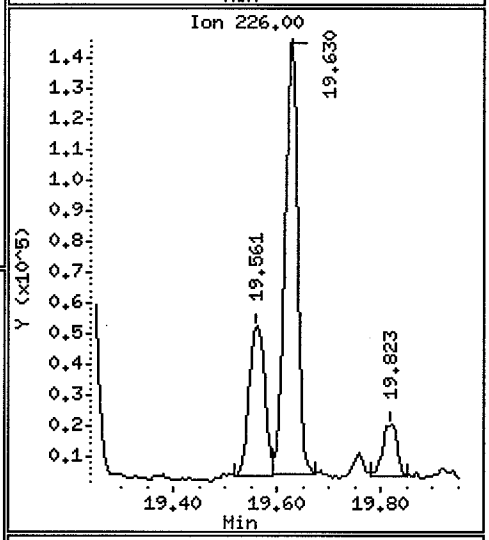


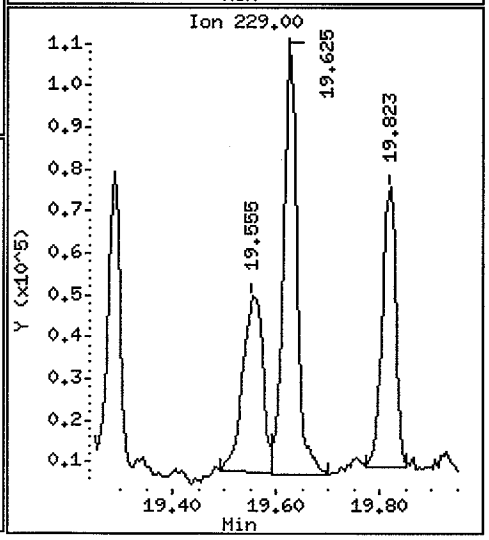












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

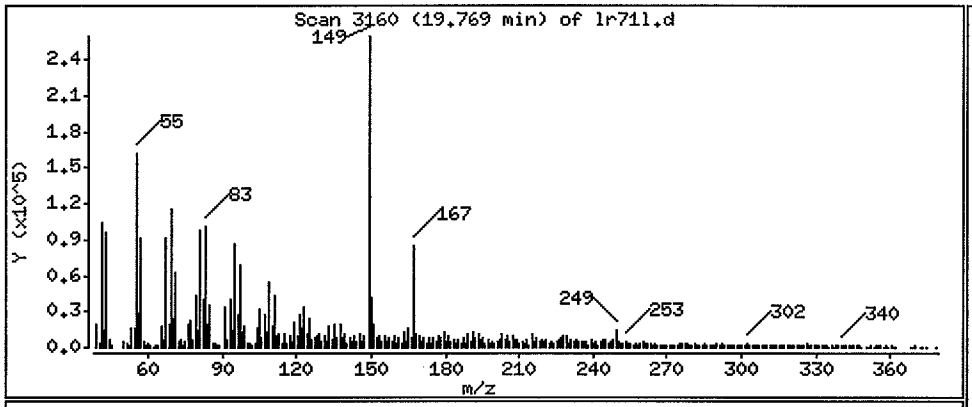
Client ID: AN-SS-09 Instrument: nt6.i

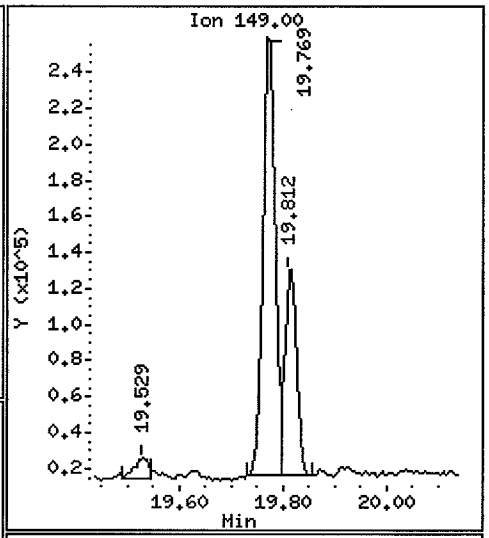
Sample Info: LR71L

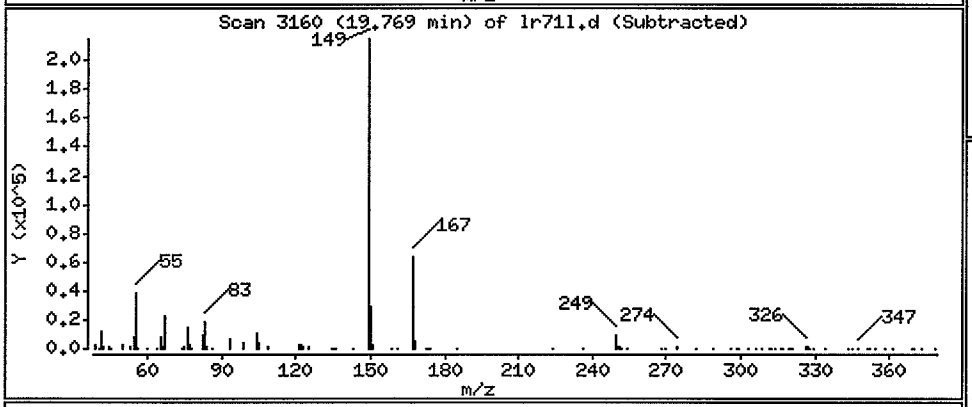
Volume Injected (uL): 1.0 Operator: LJR/VTS

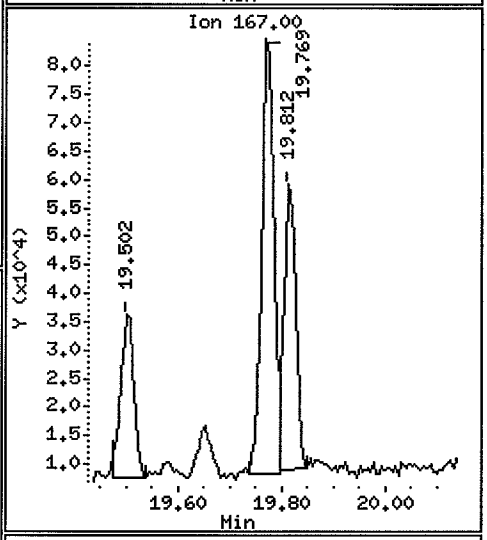
Column phase: ZB-5 Column diameter: 0.32

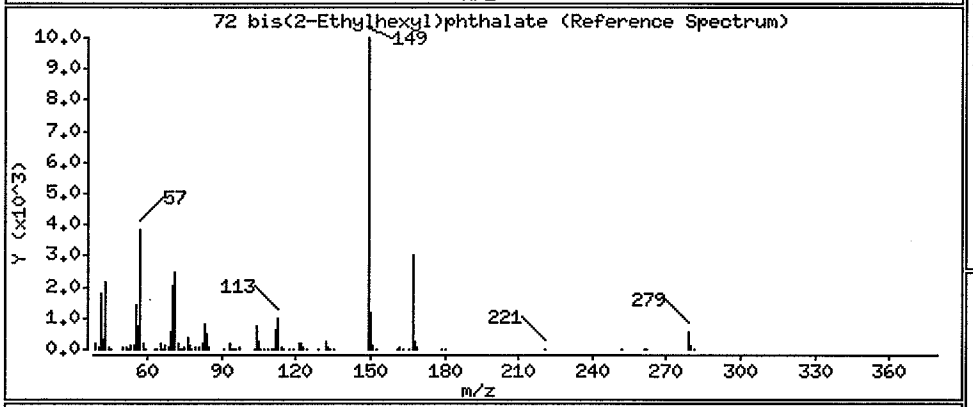
72 bis(2-Ethylhexyl)phthalate Concentration: 214.7 ug/kg

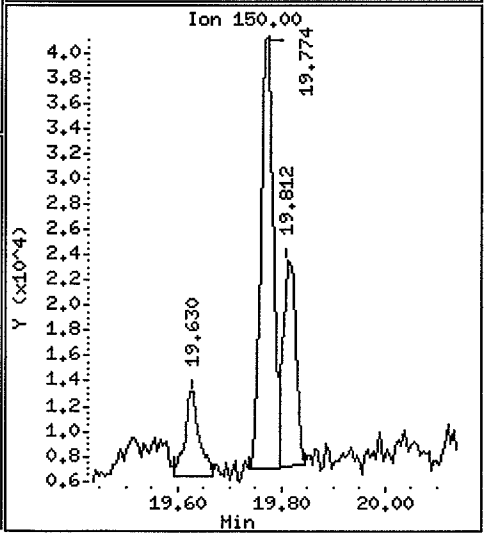


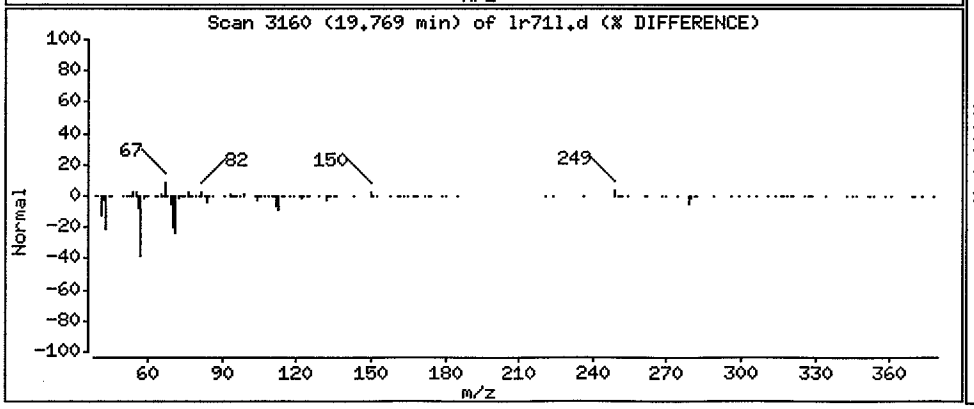












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

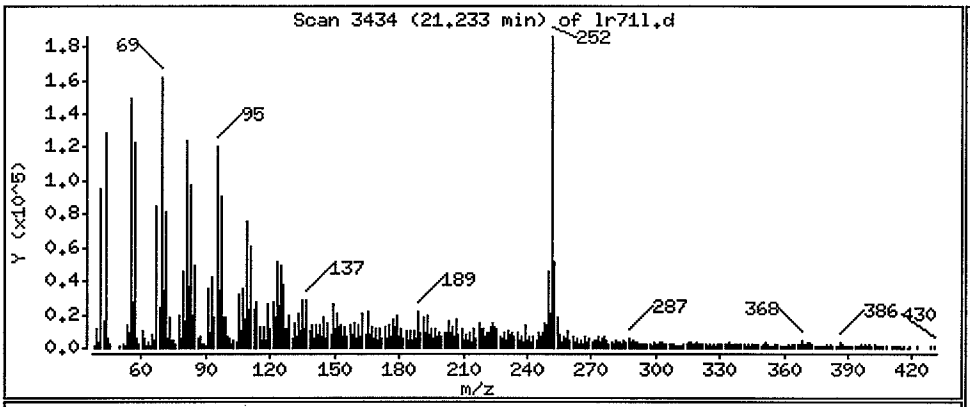
Operator: LJR/VTS

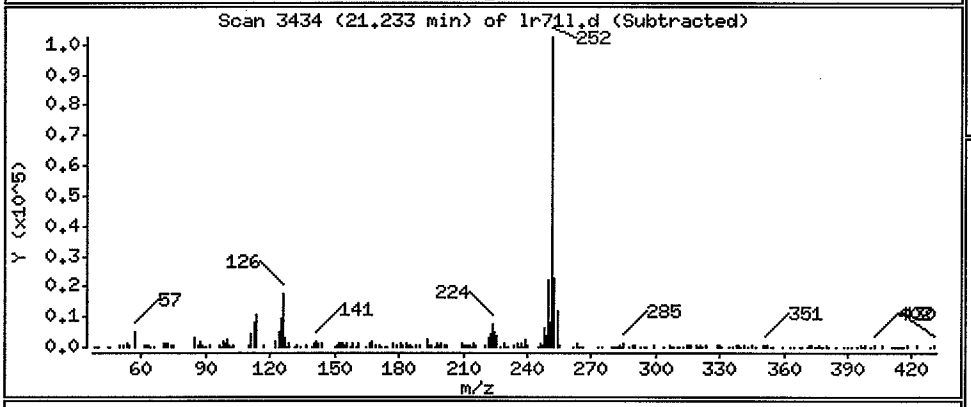
Column phase: ZB-5

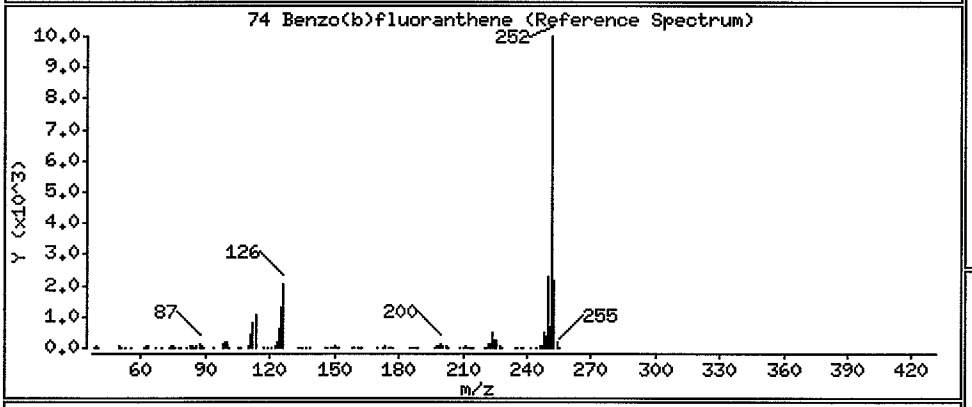
Column diameter: 0.32

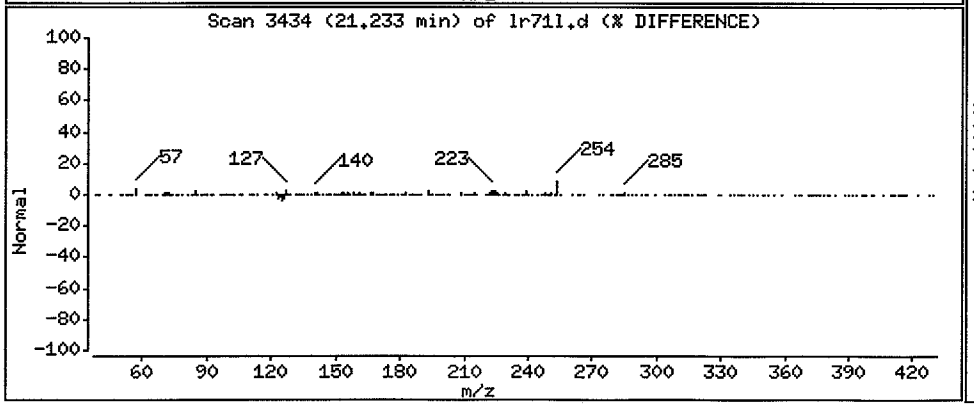
74 Benzo(b)fluoranthene

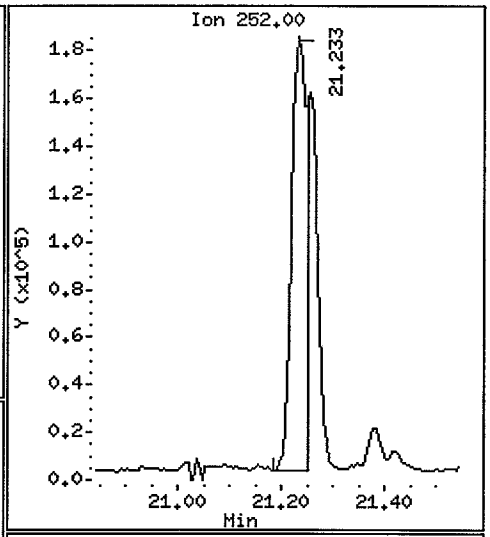
Concentration: 194.3 ug/kg

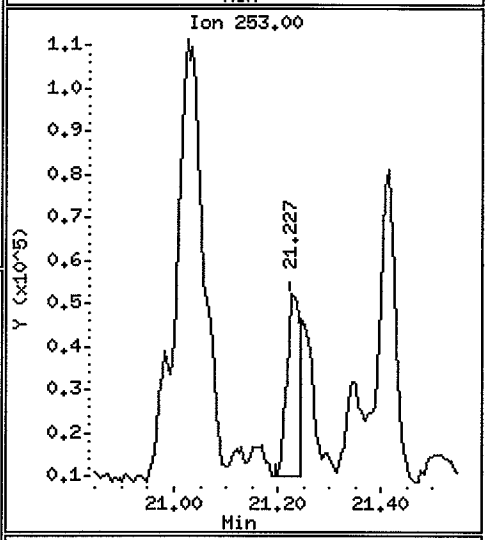


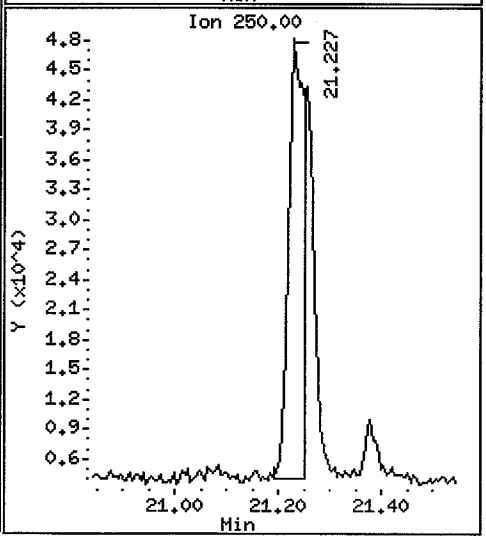












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

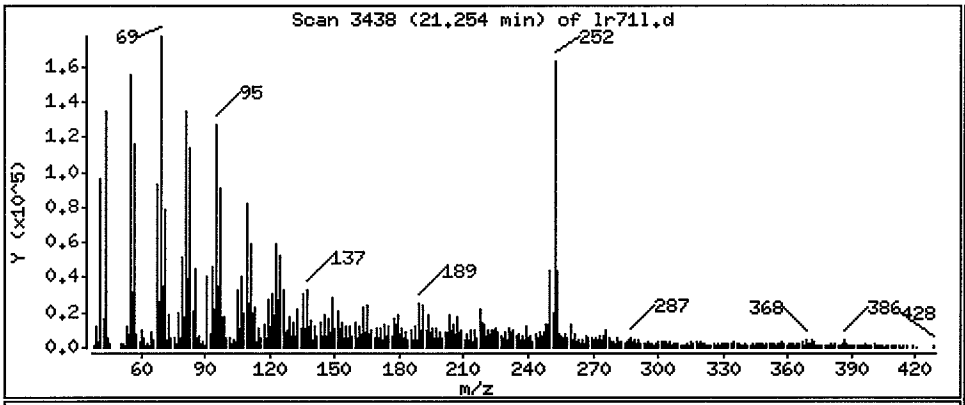
Operator: LJR/VTS

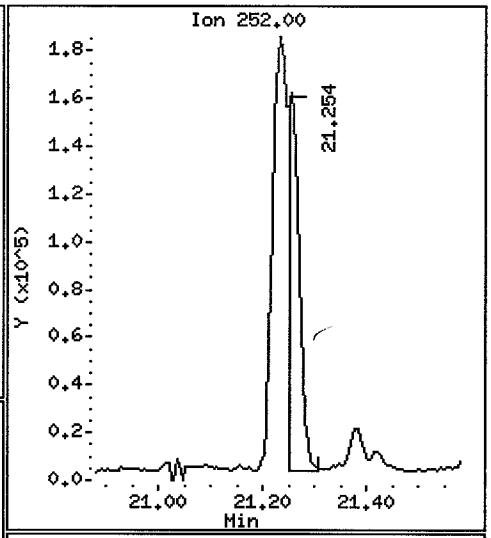
Column phase: ZB-5

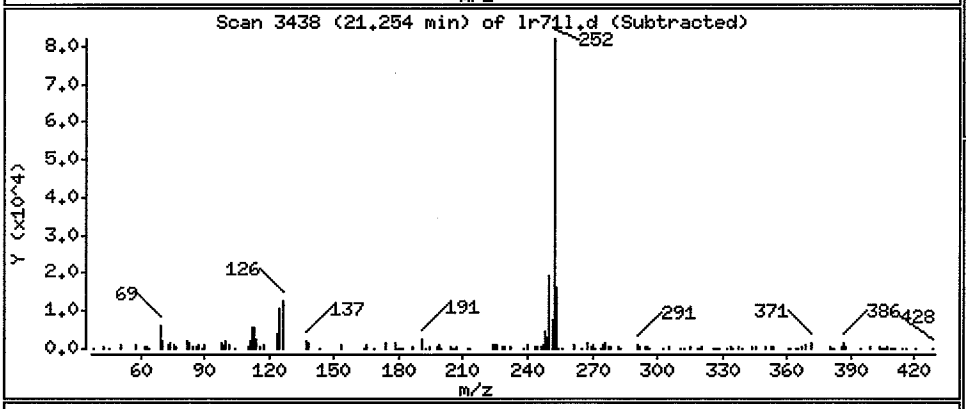
Column diameter: 0.32

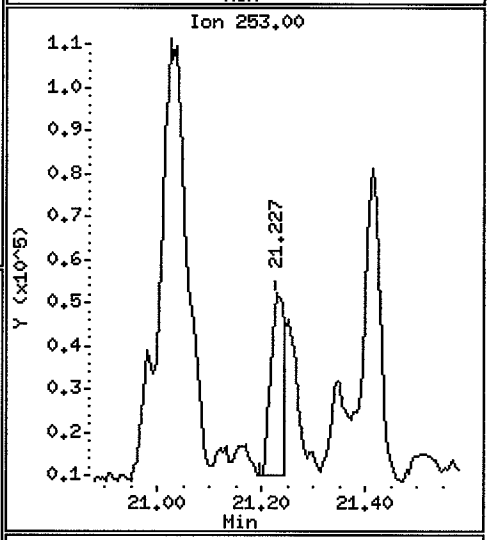
75 Benzo(k)fluoranthene

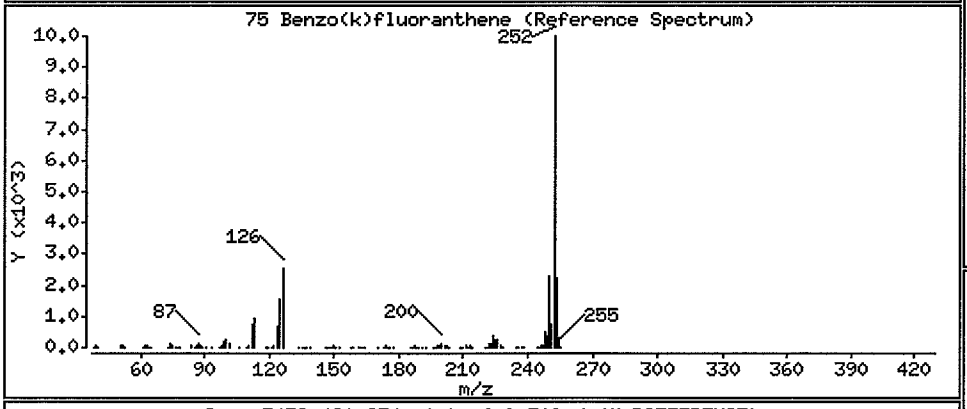
Concentration: 116.9 ug/kg

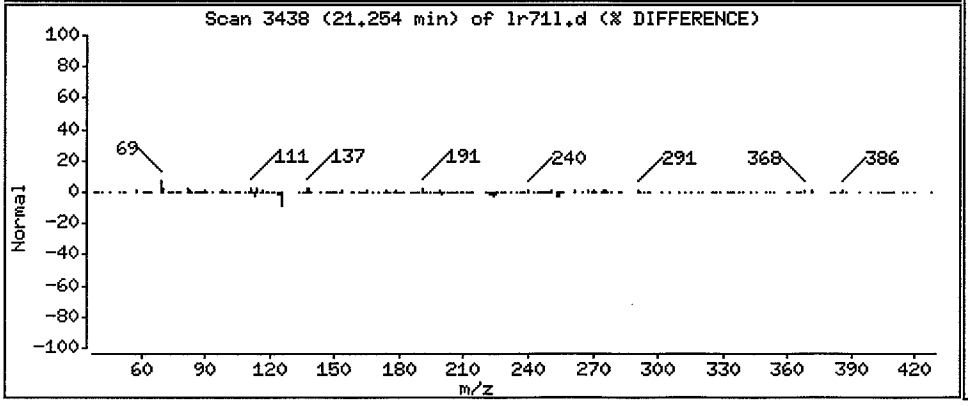


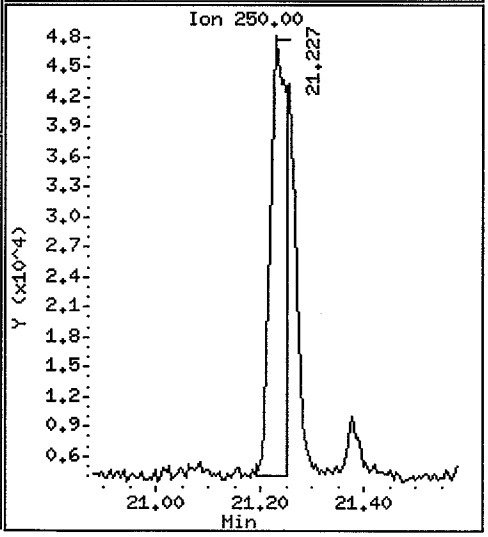












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

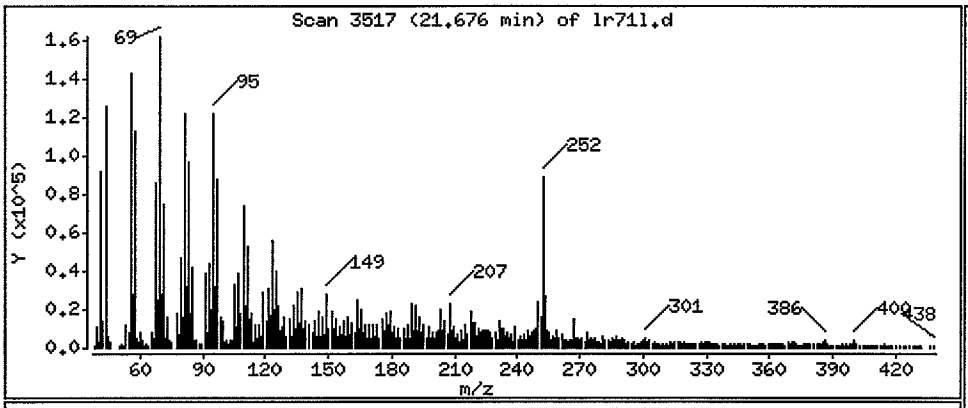
Client ID: AN-SS-09 Instrument: nt6.i

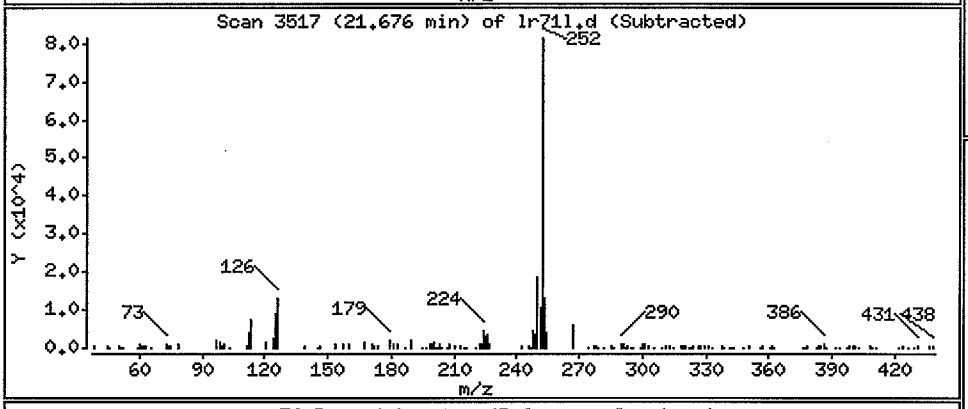
Sample Info: LR71L

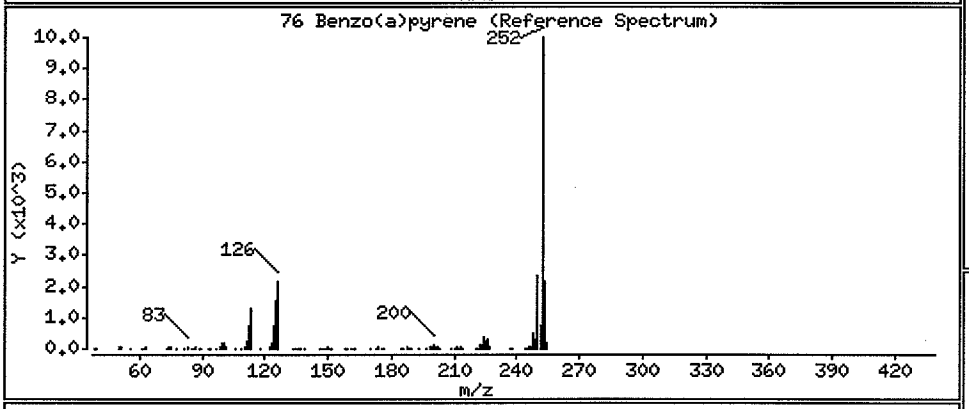
Volume Injected (uL): 1.0 Operator: LJR/VTS

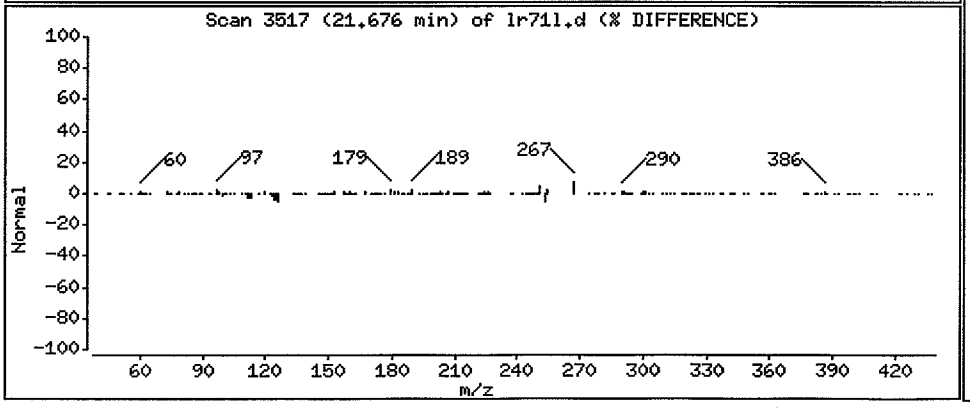
Column phase: ZB-5 Column diameter: 0.32

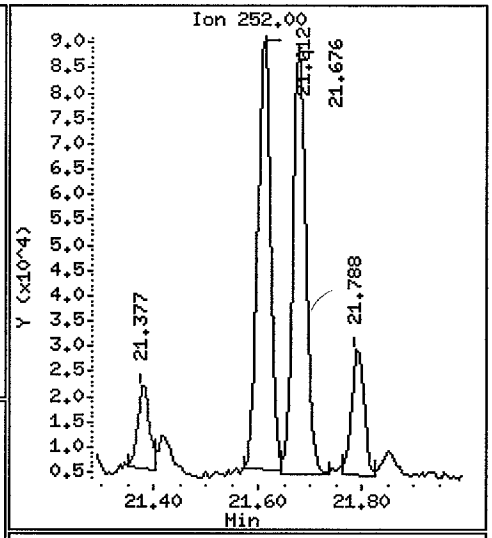
76 Benzo(a)pyrene Concentration: 82.59 ug/kg

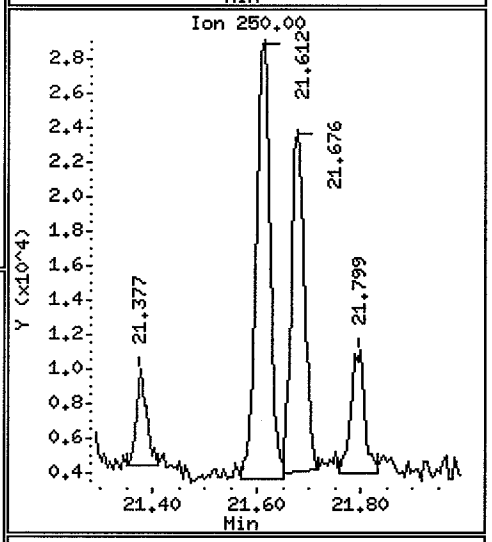


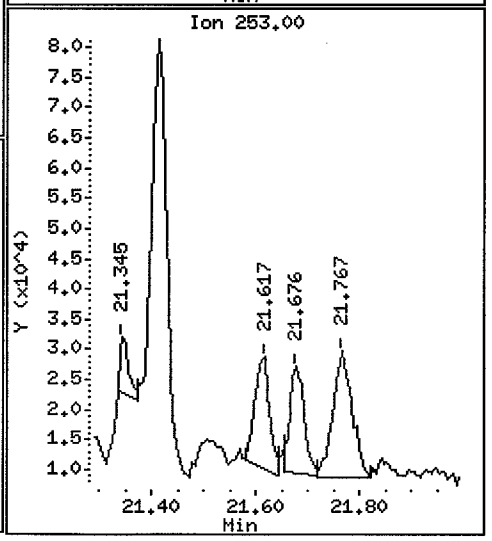












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

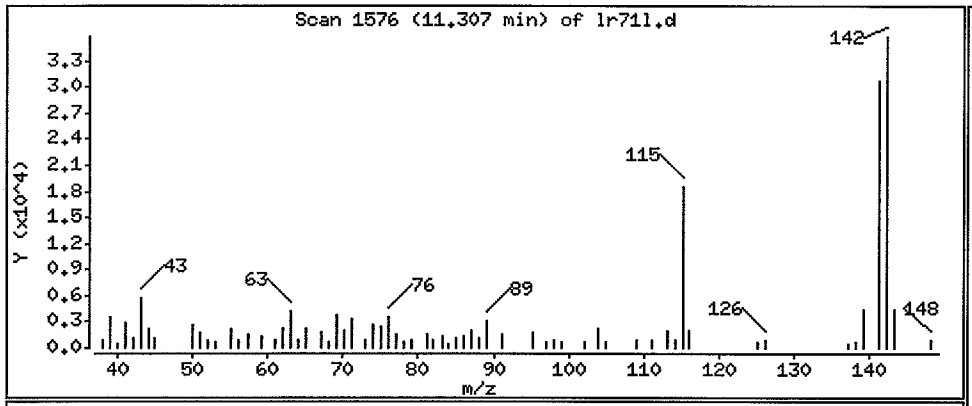
Operator: LJR/VTS

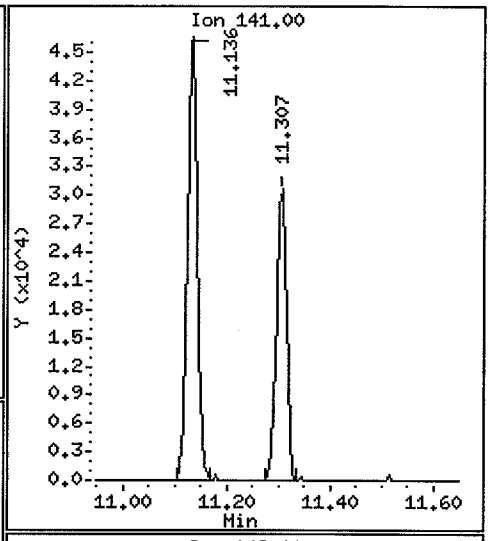
Column phase: ZB-5

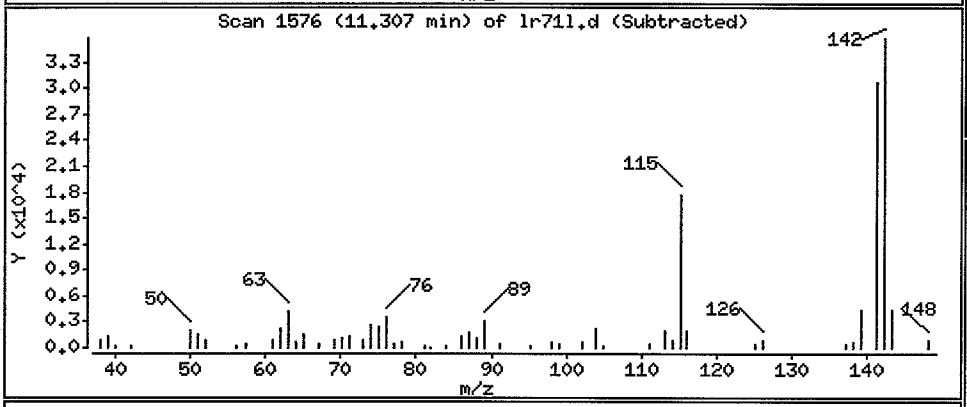
Column diameter: 0.32

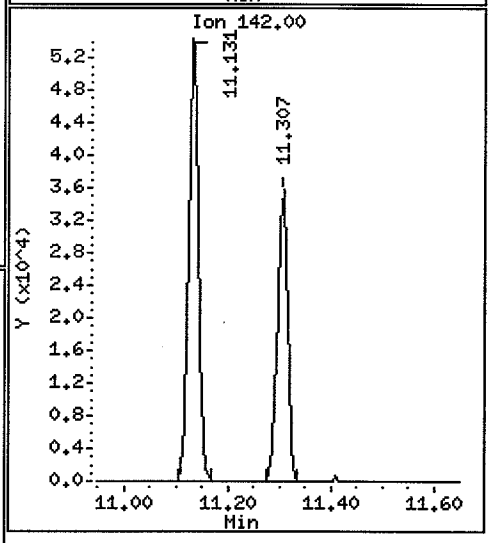
105 1-methylnaphthalene

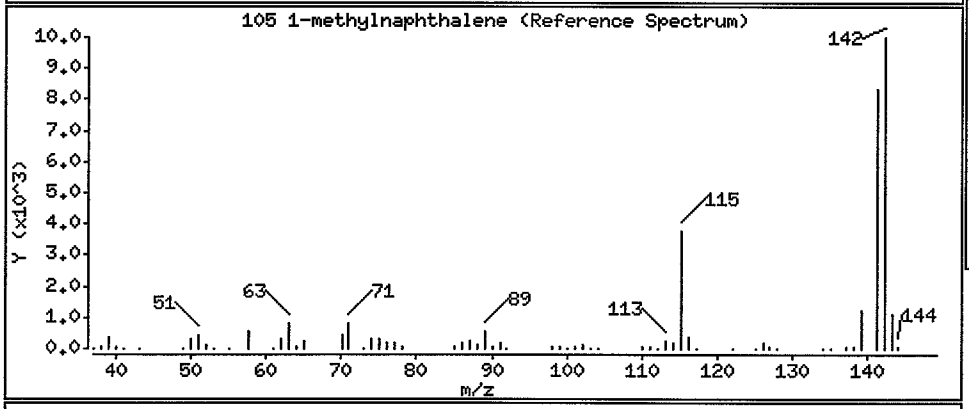
Concentration: 42.53 ug/kg

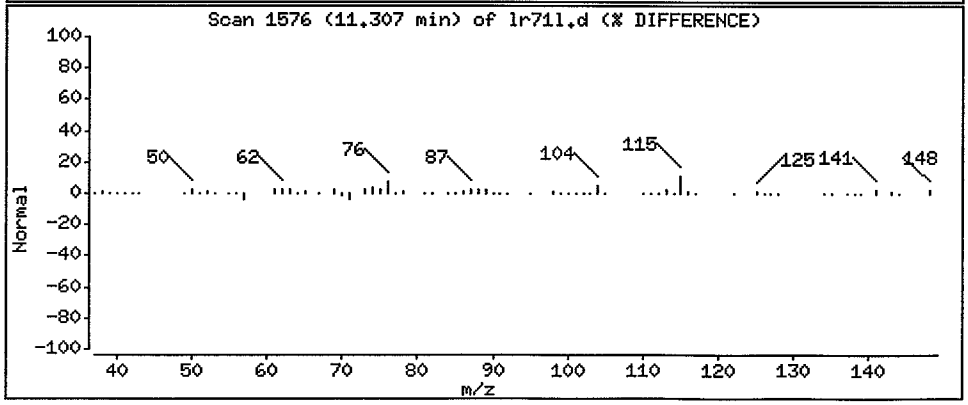












Data File: /chem1/nt6.i/20071018.b/lr71l.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

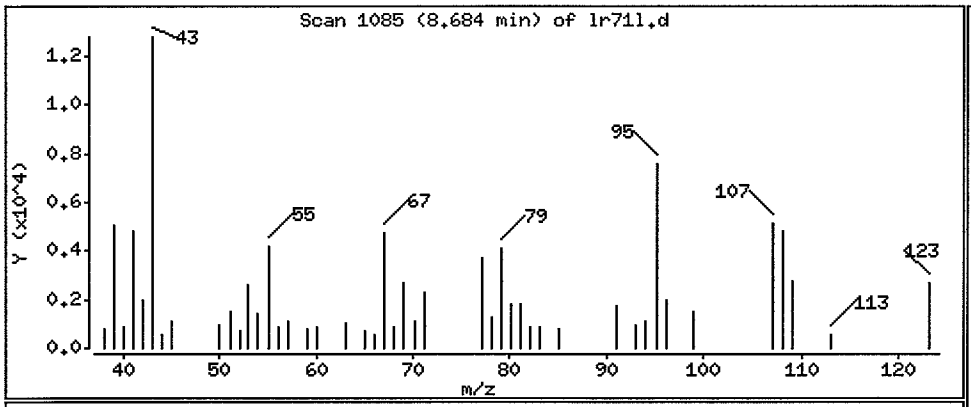
Operator: LJR/VTS

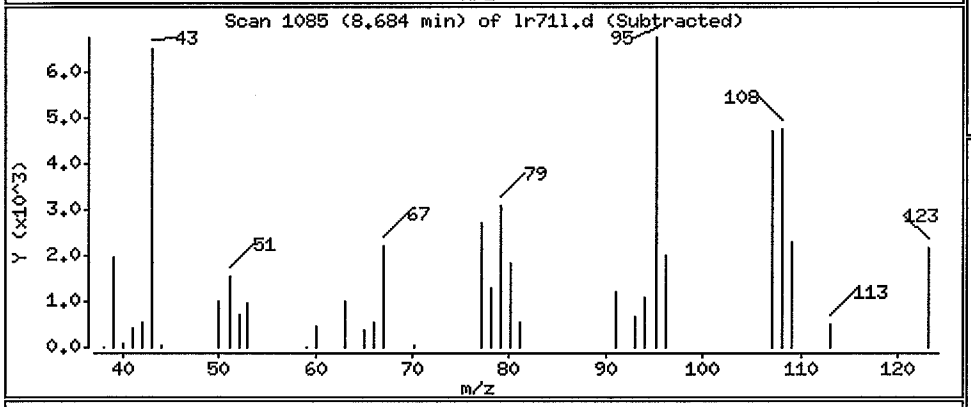
Column phase: ZB-5

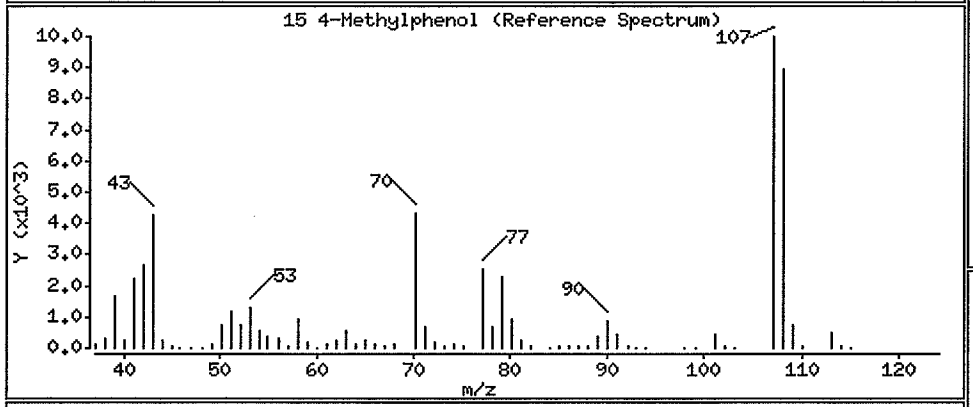
Column diameter: 0.32

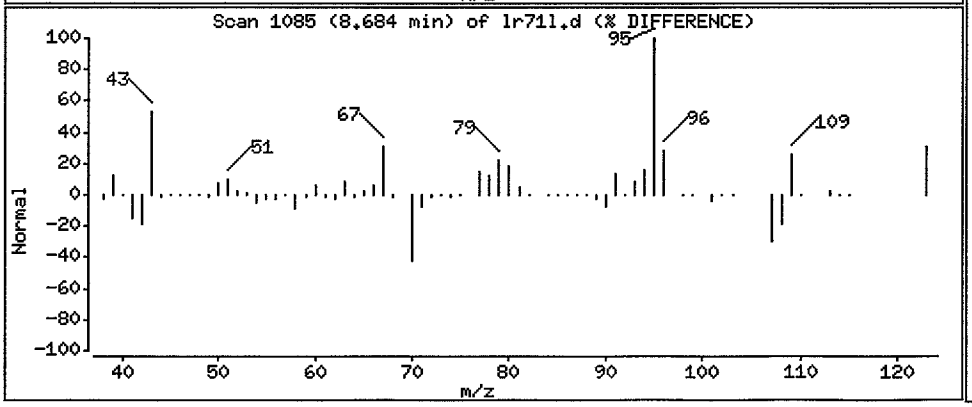
15 4-Methylphenol

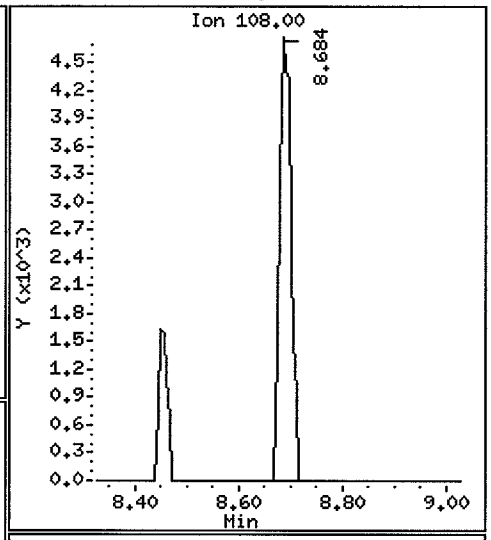
Concentration: 10.85 ug/kg

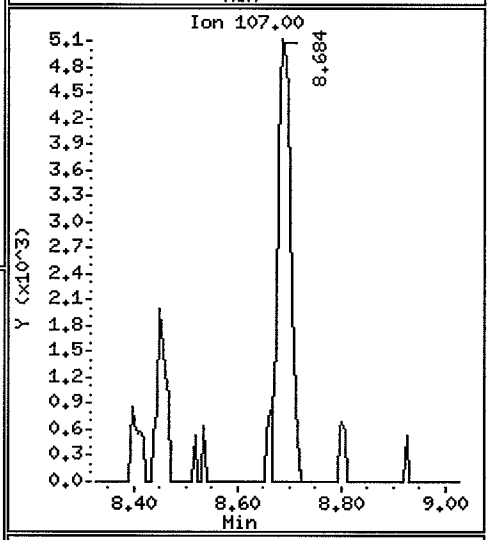


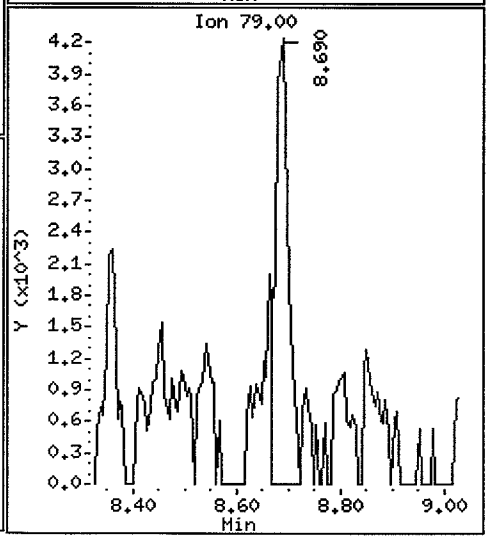












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

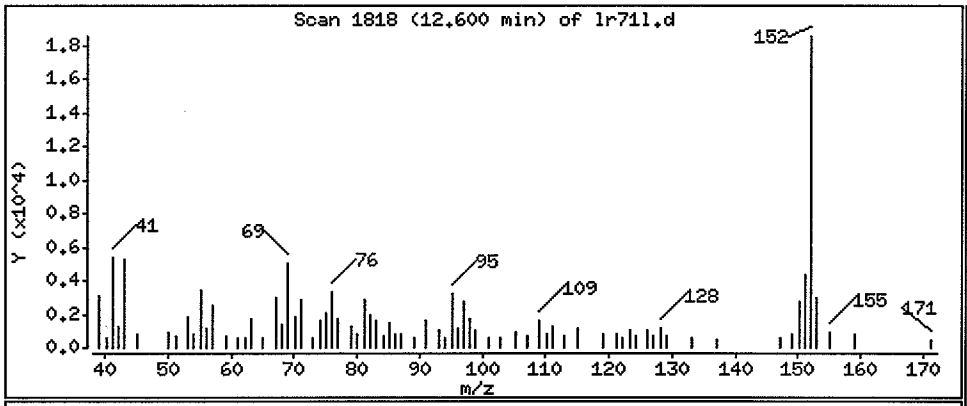
Operator: LJR/VTS

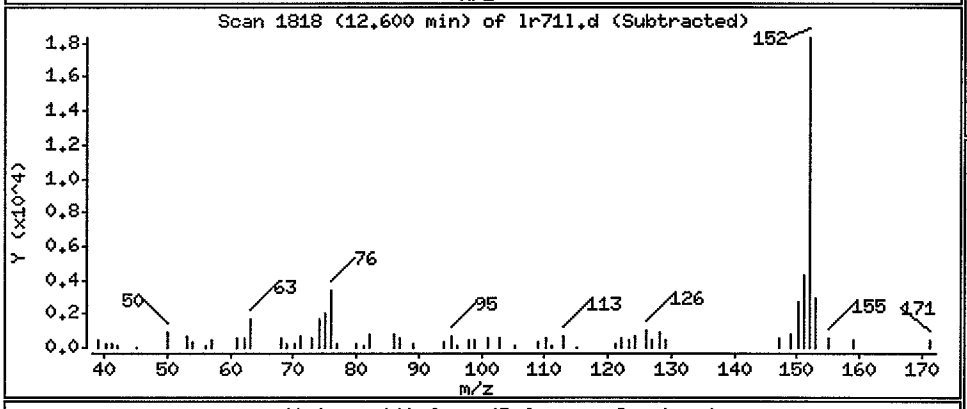
Column phase: ZB-5

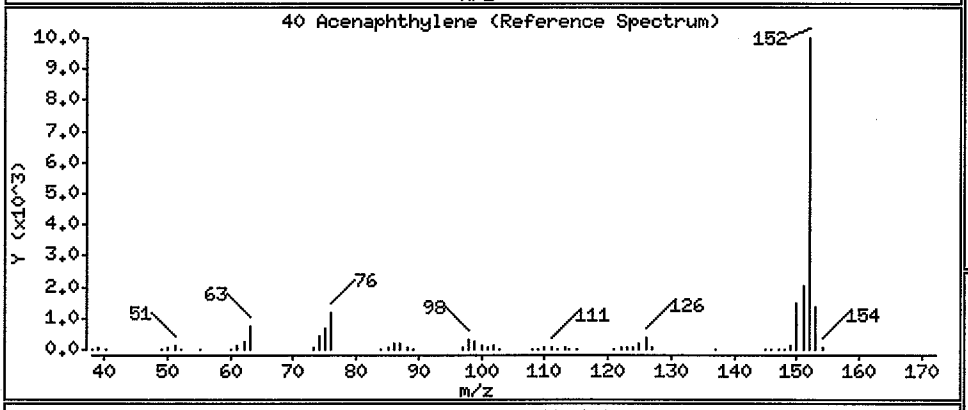
Column diameter: 0.32

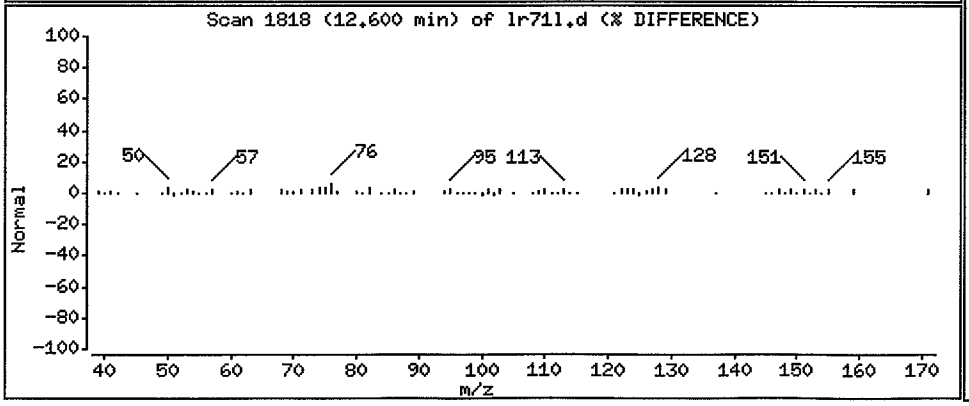
40 Acenaphthylene

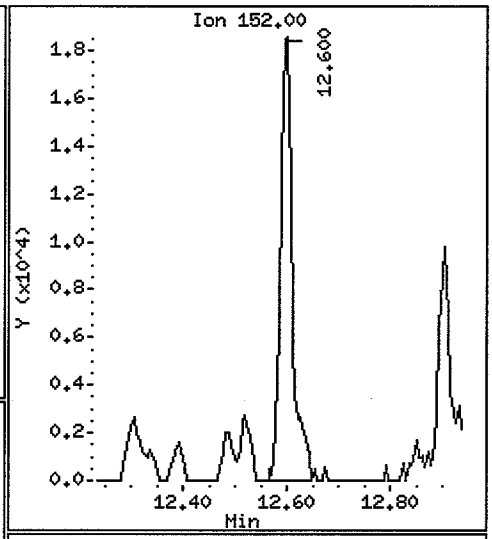
Concentration: 14.32 ug/kg

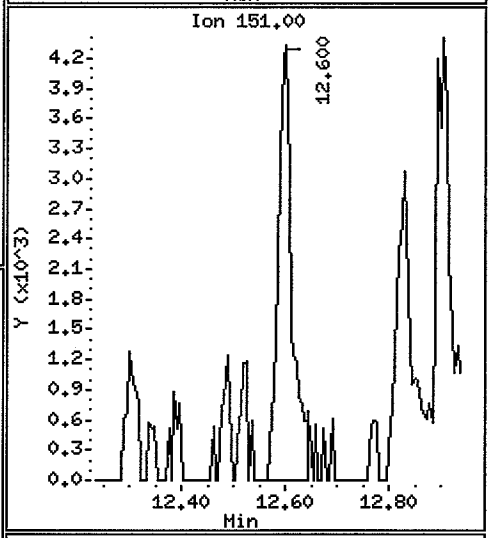


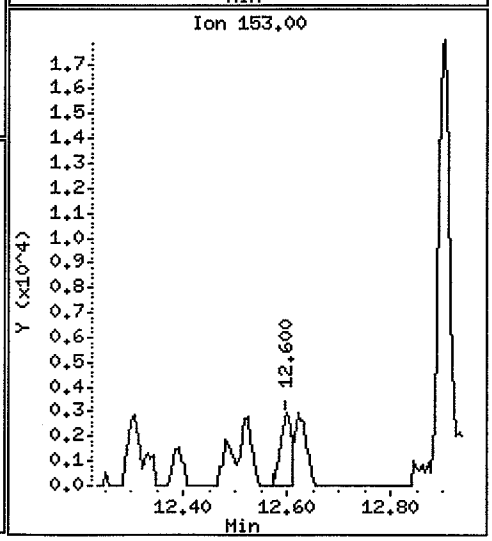












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

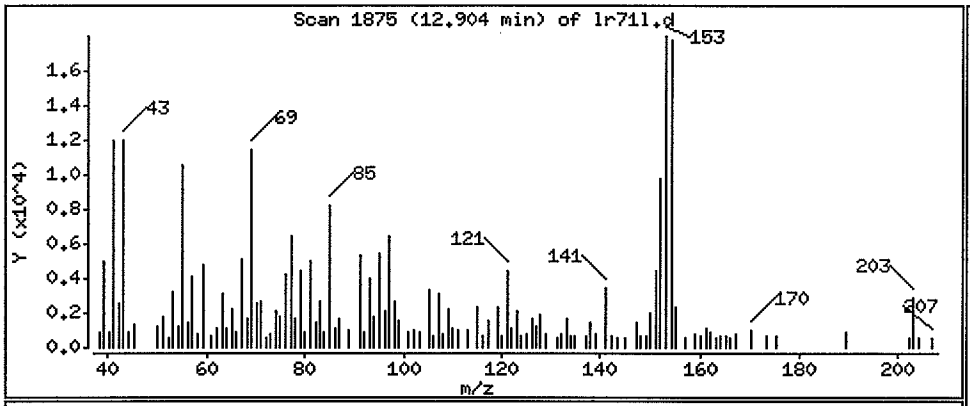
Operator: LJR/VTS

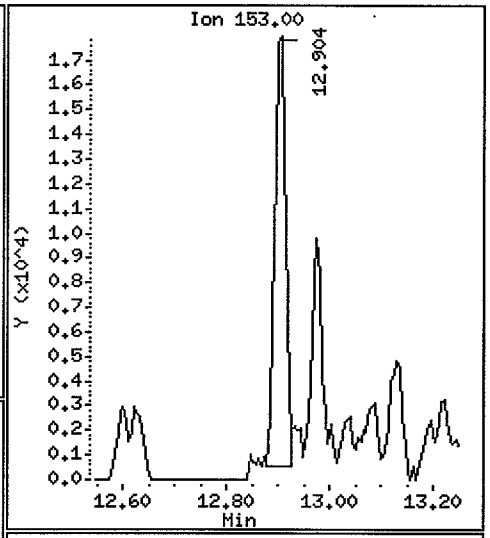
Column phase: ZB-5

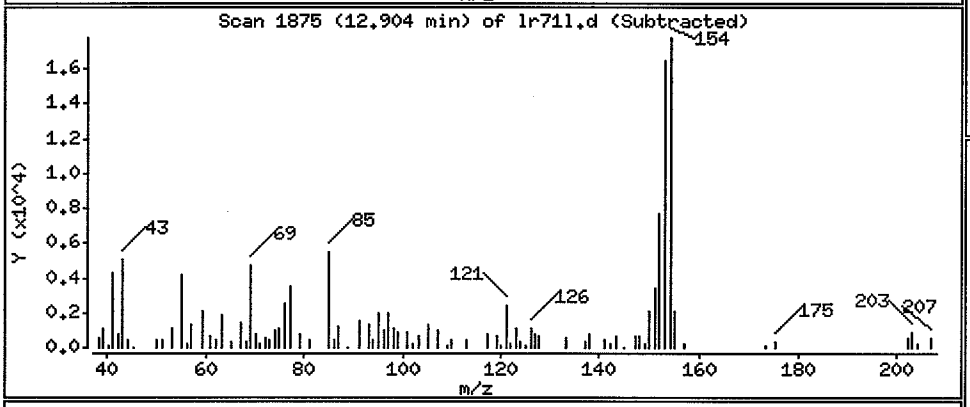
Column diameter: 0.32

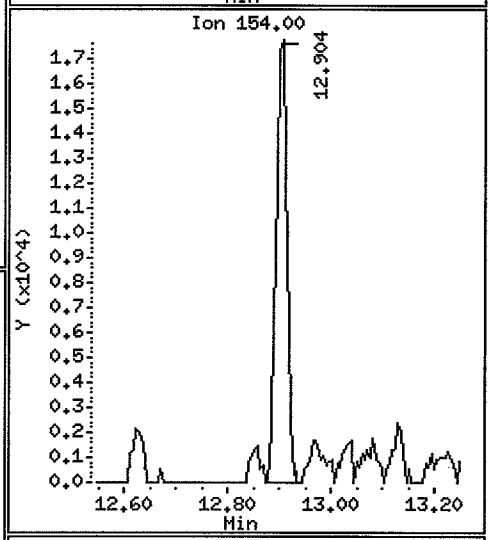
44 Acenaphthene

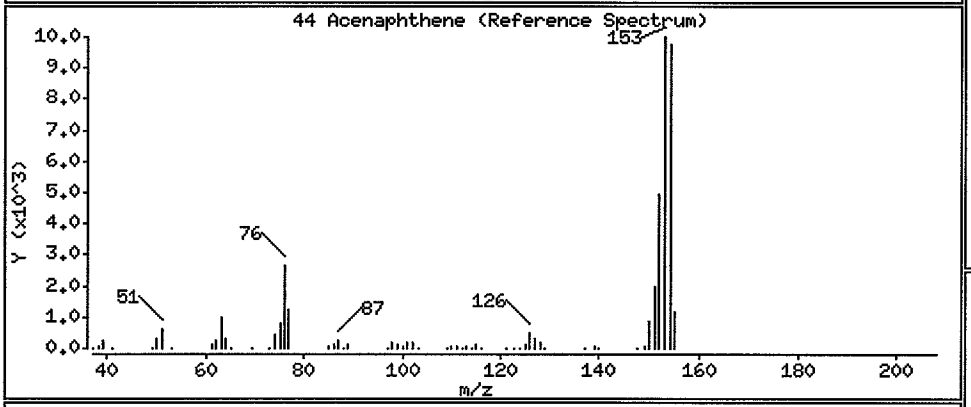
Concentration: 19.39 ug/kg

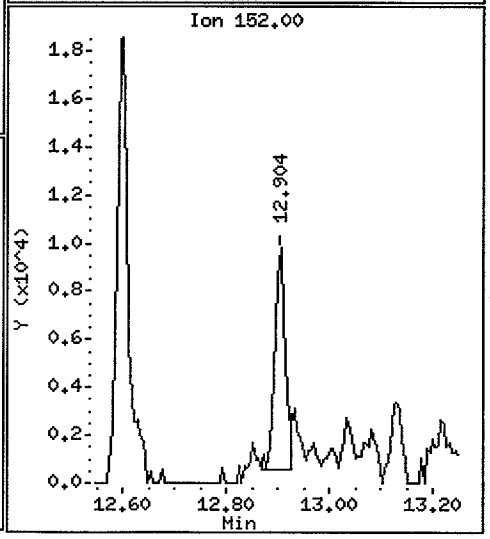


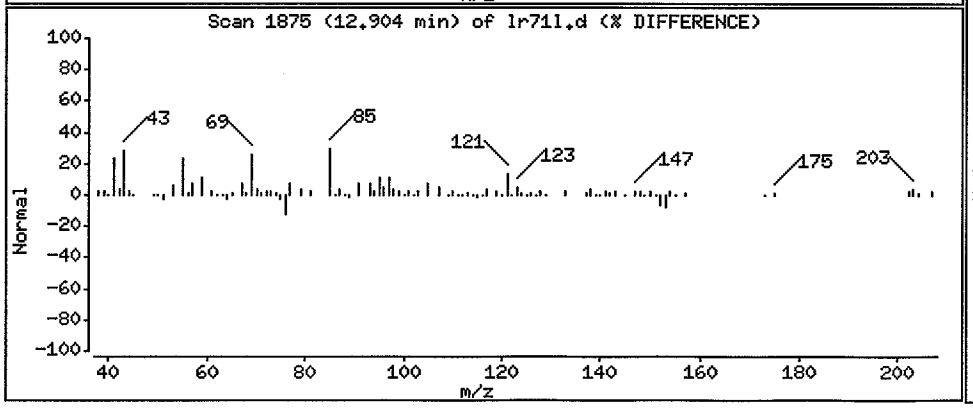












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

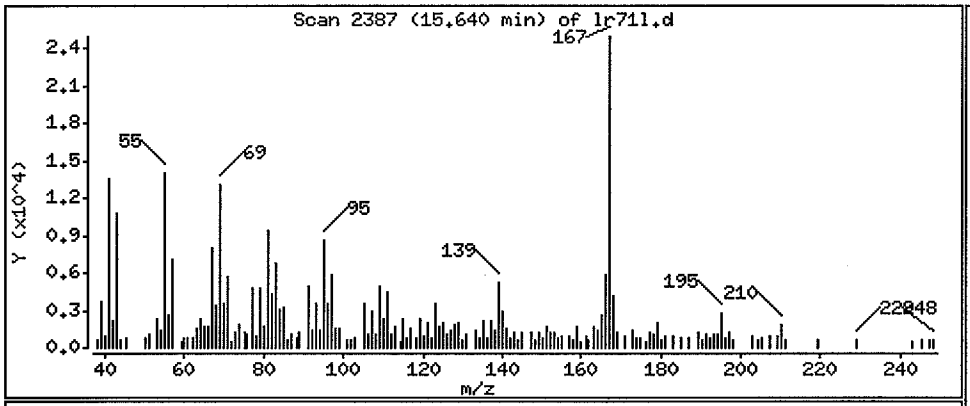
Operator: LJR/VTS

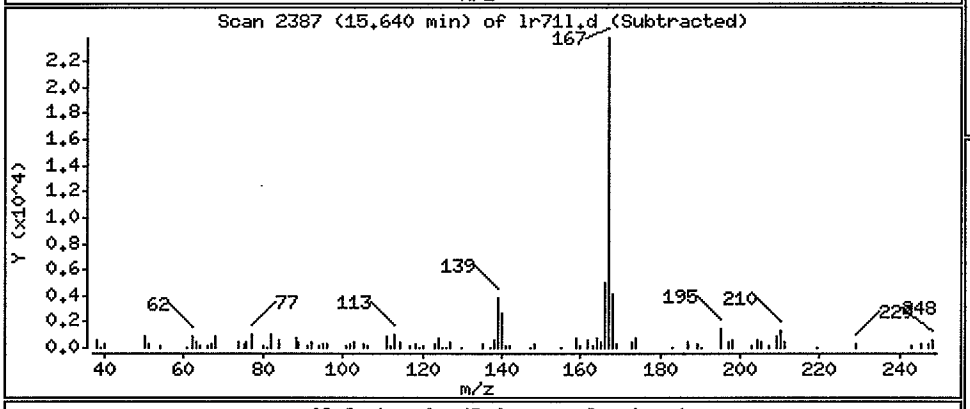
Column phase: ZB-5

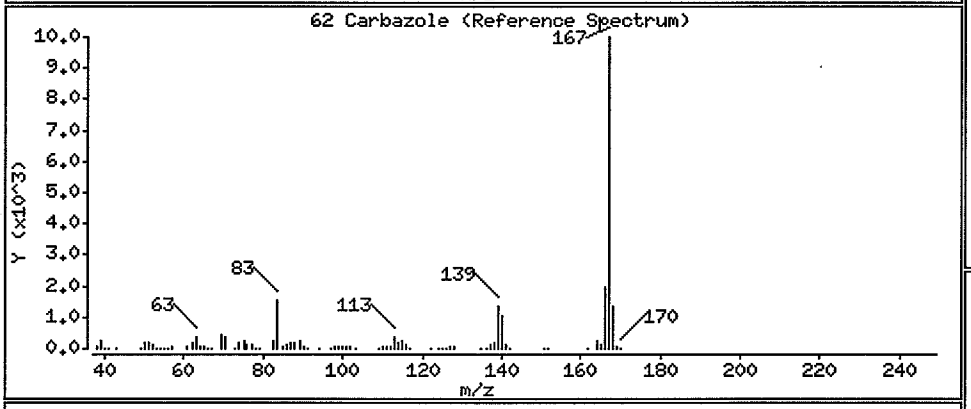
Column diameter: 0.32

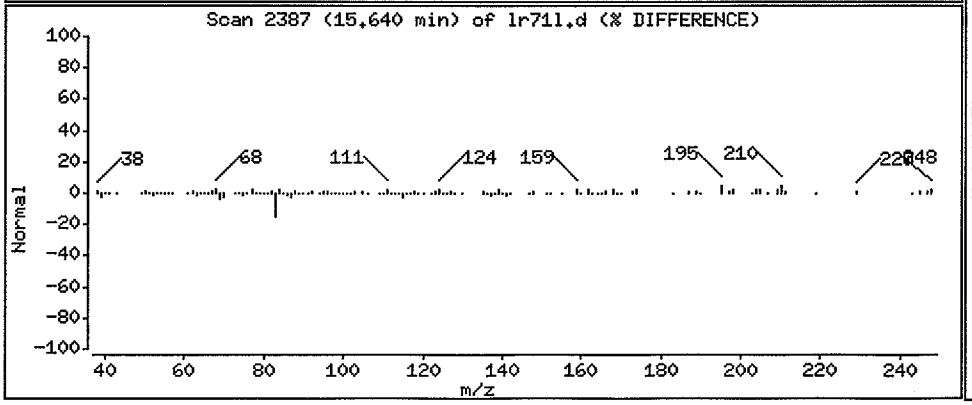
62 Carbazole

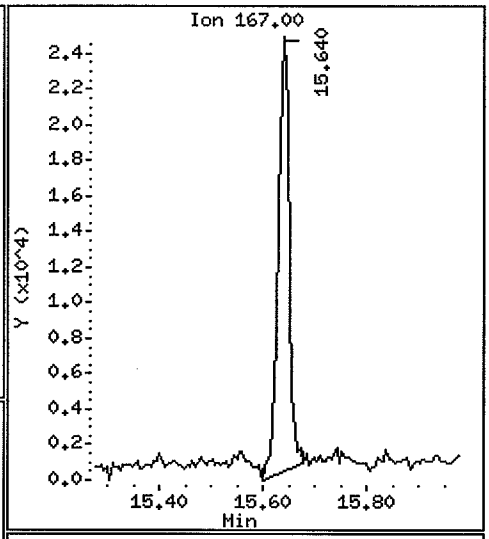
Concentration: 17.62 ug/kg

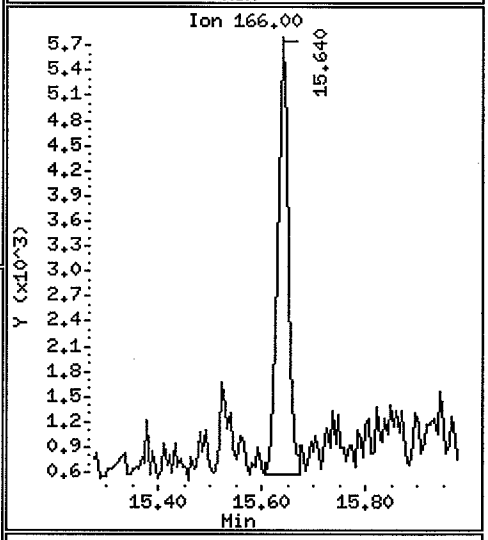


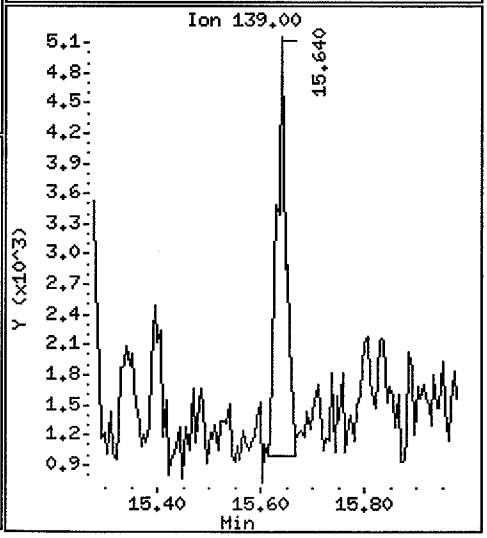












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

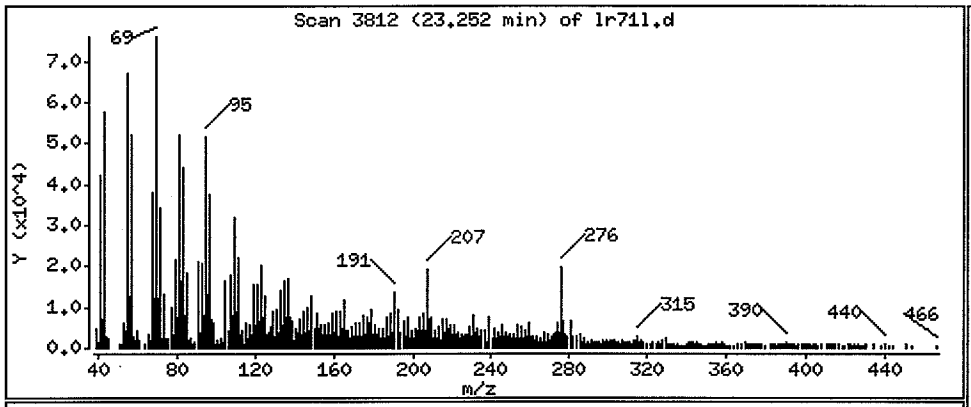
Operator: LJR/VTS

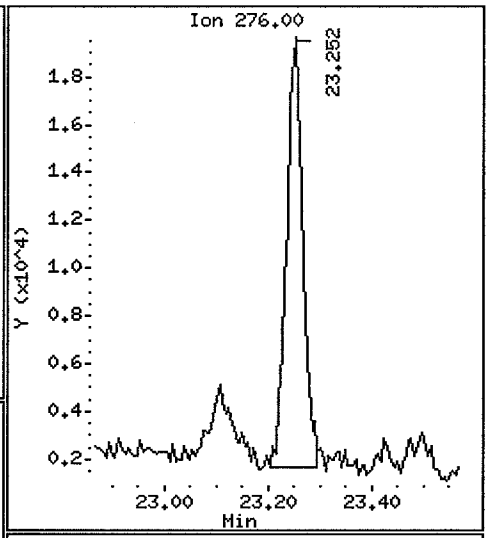
Column phase: ZB-5

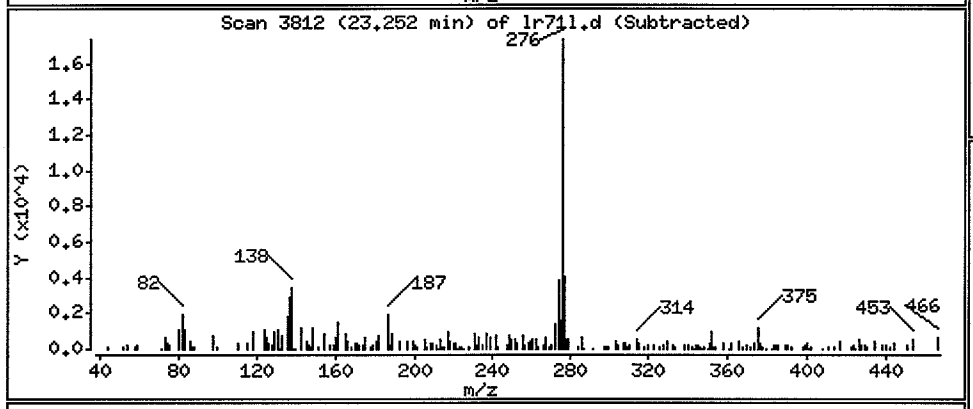
Column diameter: 0.32

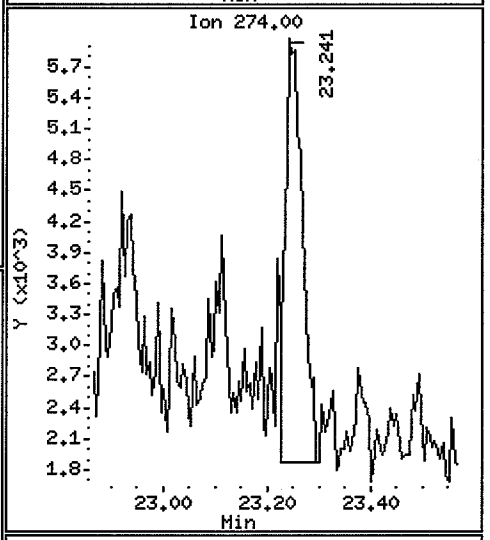
78 Indeno(1,2,3-cd)pyrene

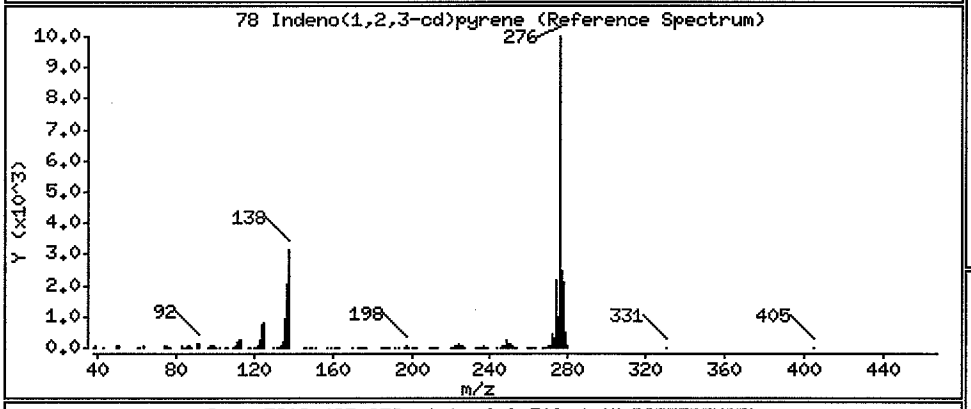
Concentration: 19.07 ug/kg

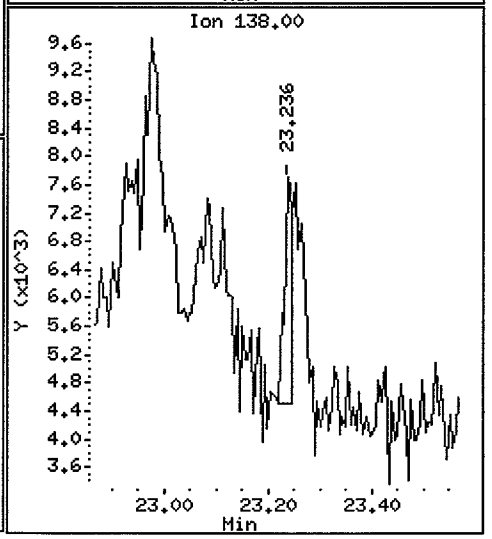


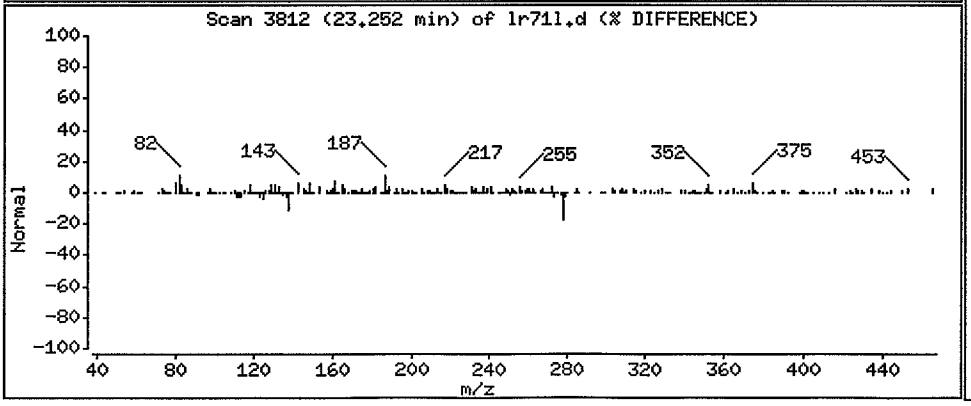












Data File: /chem1/nt6.i/20071018.b/lr711.d

Date : 18-OCT-2007 21:25

Client ID: AN-SS-09

Instrument: nt6.i

Sample Info: LR71L

Volume Injected (uL): 1.0

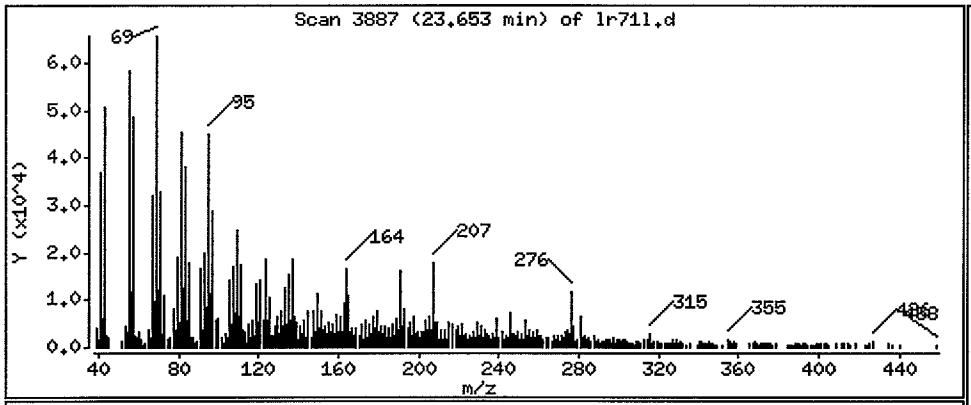
Operator: LJR/VTS

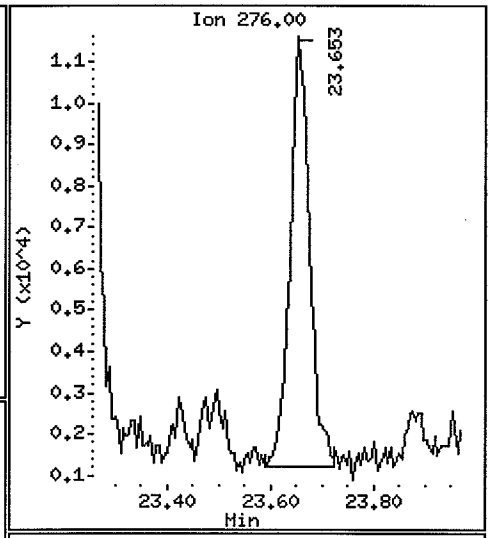
Column phase: ZB-5

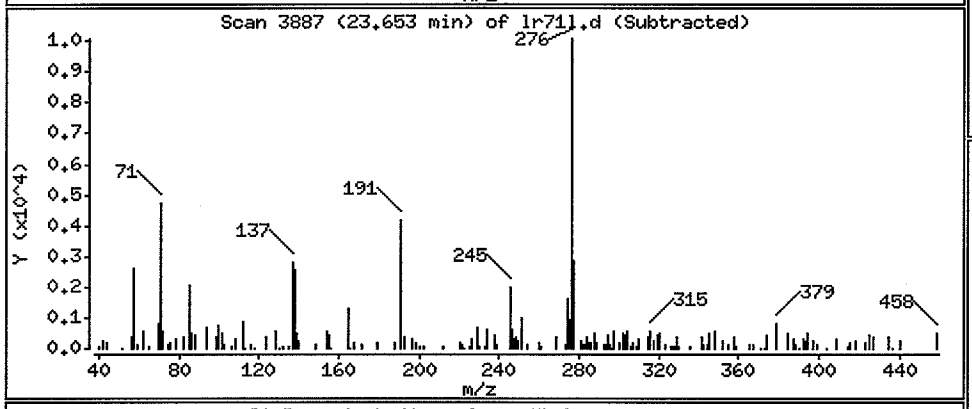
Column diameter: 0.32

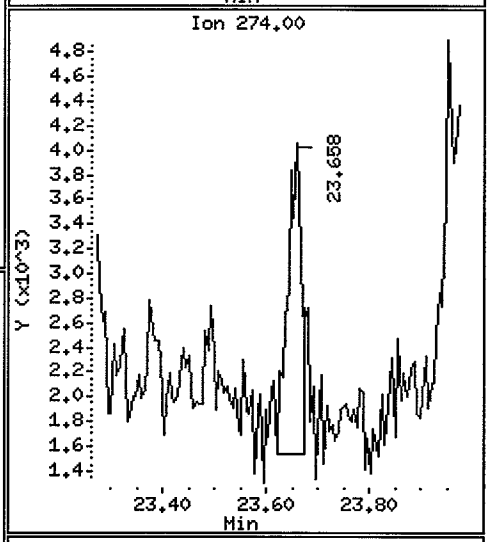
80 Benzo(g,h,i)perylene

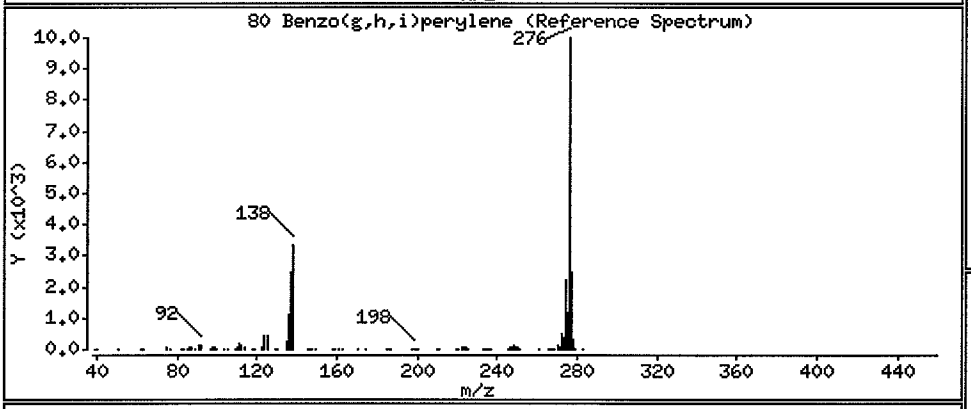
Concentration: 12.92 ug/kg

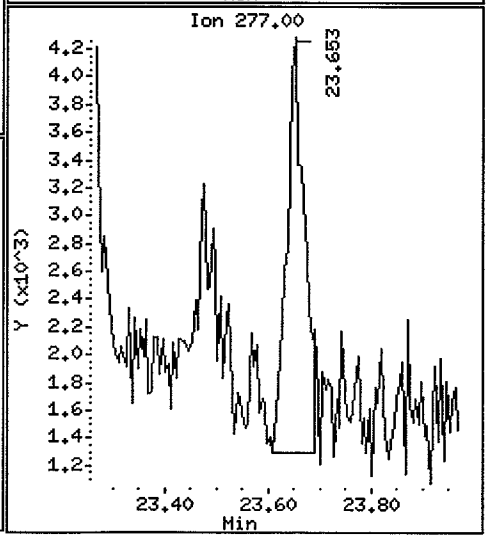


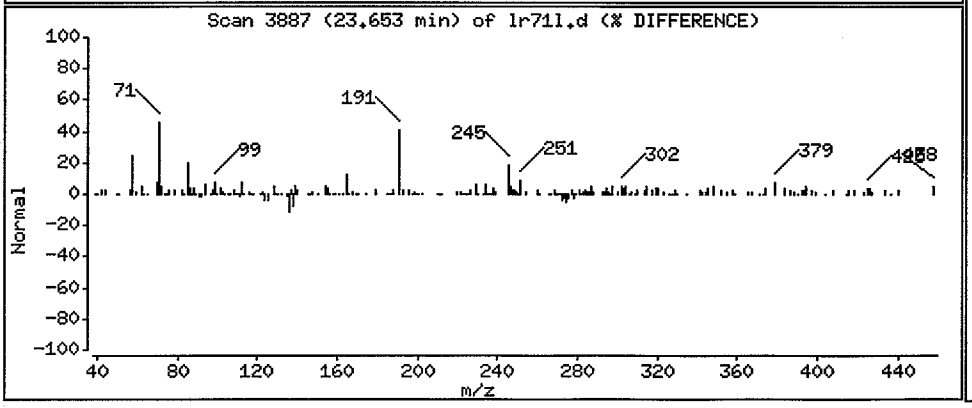












ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS **Sample ID: AN-SS-09**
Page 1 of 2 **REEXTRACT**

Lab Sample ID: LR71L
LIMS ID: 07-20777
Matrix: Sediment
Data Release Authorized:
Reported: 01/25/08

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA
Date Sampled: 09/27/07
Date Received: 09/29/07

Date Extracted: 10/27/07
Date Analyzed: 11/01/07 22:54
Instrument/Analyst: NT4/LJR
GPC Cleanup: Yes

Sample Amount: 50.4 g-dry-wt
Final Extract Volume: 1.0 mL
Dilution Factor: 1.00
Percent Moisture: 34.1%

CAS Number	Analyte	RL	Result
108-95-2	**Phenol**	**20**	**52**
541-73-1	1,3-Dichlorobenzene	20	< 20 U
106-46-7	1,4-Dichlorobenzene	20	< 20 U
100-51-6	Benzyl Alcohol	20	< 20 U
95-50-1	1,2-Dichlorobenzene	20	< 20 U
95-48-7	2-Methylphenol	20	< 20 U
106-44-5	**4-Methylphenol**	**20**	**22**
67-72-1	Hexachloroethane	20	< 20 U
105-67-9	2,4-Dimethylphenol	20	< 20 U
65-85-0	**Benzoic Acid**	**200**	**210**
120-82-1	1,2,4-Trichlorobenzene	9.9	< 9.9 UJ
91-20-3	**Naphthalene**	**20**	**50**
87-68-3	Hexachlorobutadiene	20	< 20 U
91-57-6	**2-Methylnaphthalene**	**20**	**140**
131-11-3	Dimethylphthalate	20	< 20 U
208-96-8	Acenaphthylene	20	< 20 U
83-32-9	**Acenaphthene**	**20**	**71**
132-64-9	**Dibenzofuran**	**20**	**88**
84-66-2	Diethylphthalate	20	< 20 U
86-73-7	**Fluorene**	**20**	**100**
86-30-6	N-Nitrosodiphenylamine	20	< 20 U
118-74-1	Hexachlorobenzene	9.9	< 9.9 UJ
87-86-5	Pentachlorophenol	99	< 99 U
85-01-8	**Phenanthrene**	**20**	**500**
120-12-7	**Anthracene**	**20**	**130**
84-74-2	Di-n-Butylphthalate	20	< 20 U
206-44-0	**Fluoranthene**	**20**	**690**
129-00-0	**Pyrene**	**20**	**430**
85-68-7	Butylbenzylphthalate	80	< 80 Y
56-55-3	**Benzo(a)anthracene**	**20**	**160**
117-81-7	**bis(2-Ethylhexyl)phthalate**	**20**	**150**
218-01-9	**Chrysene**	**20**	**220**
117-84-0	Di-n-Octyl phthalate	20	< 20 U
205-99-2	**Benzo(b)fluoranthene**	**20**	**180**
207-08-9	**Benzo(k)fluoranthene**	**20**	**160**
50-32-8	**Benzo(a)pyrene**	**20**	**150**
193-39-5	**Indeno(1,2,3-cd)pyrene**	**20**	**43**
53-70-3	Dibenz(a,h)anthracene	20	< 20 U
191-24-2	**Benzo(g,h,i)perylene**	**20**	**27**

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
PSDDA Semivolatiles by SW8270D GC/MS

Sample ID: AN-SS-09
REEXTRACT

Lab Sample ID: LR71L
LIMS ID: 07-20777
Matrix: Sediment
Date Analyzed: 11/01/07 22:54

QC Report No: LR71-Anchor Environmental, LLC
Project: Kimberly Clark Anacortes
NA

CAS Number	Analyte	RL	Result
90-12-0	1-Methylnaphthalene	20	95

Reported in µg/kg (ppb)

Semivolatile Surrogate Recovery

d5-Nitrobenzene	58.8%	2-Fluorobiphenyl	59.2%
d14-p-Terphenyl	59.6%	d4-1,2-Dichlorobenzene	54.0%
d5-Phenol	57.1%	2-Fluorophenol	42.4%
2,4,6-Tribromophenol	60.5%	d4-2-Chlorophenol	57.3%

Analytical Resources, Inc.

Semivolatile Report SW846 Method 8270D

Data file : /chem3/nt4.i/20071101.b/lr7112.d
Lab Smp Id: LR71LRE
Inj Date : 01-NOV-2007 22:54
Operator : VTS Inst ID: nt4.i
Smp Info : LR71LRE
Misc Info :
Comment : 1ul Injection
Method : /chem3/nt4.i/20071101.b/SW846.m
Meth Date : 02-Nov-2007 11:41 jeff Quant Type: ISTD
Cal Date : 01-OCT-2007 11:04 Cal File: 0801001.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PSDDA.sub
Target Version: 3.50

Concentration Formula: Amt * DF * Vt/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	500.00000	Volume of final extract (uL)
Ws	25.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
$	1	2-Fluorophenol	112	4.859	4.748	(0.712)	221274	15.8830	317.7
$	2	Phenol-d5	99	6.521	6.489	(0.955)	333873	21.4110	428.2
	3	Phenol	94	6.537	6.505	(0.958)	48457	2.61657	52.33
$	5	2-Chlorophenol-d4	132	6.547	6.521	(0.959)	248677	21.4990	430.0
	4	Bis(2-Chloroethyl)ether	93	Compound Not Detected.					
	6	2-Chlorophenol	128	Compound Not Detected.					
	7	1,3-Dichlorobenzene	146	Compound Not Detected.					
*	8	1,4-Dichlorobenzene-d4	152	6.825	6.820	(1.000)	164643	20.0000	
	9	1,4-Dichlorobenzene	146	Compound Not Detected.					
$	10	1,2-Dichlorobenzene-d4	152	7.124	7.114	(1.044)	100369	13.4857	269.7
	12	1,2-Dichlorobenzene	146	Compound Not Detected.					
	11	Benzyl alcohol	108	Compound Not Detected.					
	14	2,2'-oxybis(1-Chloropropane)	45	Compound Not Detected.					
	13	2-Methylphenol	108	Compound Not Detected.					
	17	Hexachloroethane	117	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
16	N-Nitroso-di-n-propylamine	70	Compound Not Detected.					
15	4-Methylphenol	108	7.707	7.686	(1.129)	13653	1.09640	21.93
$ 18	Nitrobenzene-d5	82	7.776	7.771	(0.876)	227864	14.6966	293.9
19	Nitrobenzene	77	Compound Not Detected.					
20	Isophorone	82	Compound Not Detected.					
21	2-Nitrophenol	139	Compound Not Detected.					
22	2,4-Dimethylphenol	107	Compound Not Detected.					
23	Bis(2-Chloroethoxy)methane	93	Compound Not Detected.					
24	Benzoic acid	105	8.764	8.813	(0.987)	106499	10.7588	215.2(M)
25	2,4-Dichlorophenol	162	Compound Not Detected.					
26	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
* 27	Naphthalene-d8	136	8.876	8.872	(1.000)	587768	20.0000	
28	Naphthalene	128	8.903	8.899	(1.003)	90959	2.52072	50.41
29	4-Chloroaniline	127	Compound Not Detected.					
30	Hexachlorobutadiene	225	Compound Not Detected.					
31	4-Chloro-3-methylphenol	107	Compound Not Detected.					
32	2-Methylnaphthalene	141	10.020	10.015	(1.129)	134612	7.32307	146.5
33	Hexachlorocyclopentadiene	237	Compound Not Detected.					
34	2,4,6-Trichlorophenol	196	Compound Not Detected.					
35	2,4,5-Trichlorophenol	196	Compound Not Detected.					
$ 36	2-Fluorobiphenyl	172	10.677	10.677	(0.913)	331088	14.8233	296.5
37	2-Chloronaphthalene	162	Compound Not Detected.					
38	2-Nitroaniline	65	Compound Not Detected.					
39	Dimethylphthalate	163	Compound Not Detected.					
40	Acenaphthylene	152	11.435	11.431	(0.978)	23213	0.73376 LOC	14.68
41	2,6-Dinitrotoluene	165	Compound Not Detected.					
* 42	Acenaphthene-d10	164	11.692	11.682	(1.000)	323476	20.0000	
43	3-Nitroaniline	138	Compound Not Detected.					
44	Acenaphthene	153	11.734	11.730	(1.004)	74669	3.55552	71.11
45	2,4-Dinitrophenol	184	Compound Not Detected.					
46	Dibenzofuran	168	11.996	11.992	(1.026)	121936	4.45804	89.16
47	4-Nitrophenol	109	Compound Not Detected.					
48	2,4-Dinitrotoluene	165	Compound Not Detected.					
50	Diethylphthalate	149	Compound Not Detected.					
49	Fluorene	166	12.541	12.537	(1.073)	119665	5.12710	102.5
51	4-Chlorophenyl-phenylether	204	Compound Not Detected.					
52	4-Nitroaniline	138	Compound Not Detected.					
53	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
54	N-Nitrosodiphenylamine	169	Compound Not Detected.					
$ 55	2,4,6-Tribromophenol	330	12.963	12.953	(1.109)	63132	22.6717	453.4
56	4-Bromophenyl-phenylether	248	Compound Not Detected.					
57	Hexachlorobenzene	284	Compound Not Detected.					
58	Pentachlorophenol	266	Compound Not Detected.					
* 59	Phenanthrene-d10	188	14.005	14.000	(1.000)	493723	20.0000	
60	Phenanthrene	178	14.042	14.032	(1.003)	868748	25.4599	509.2
61	Anthracene	178	14.112	14.102	(1.008)	228065	6.60976	132.2
62	Carbazole	167	14.427	14.412	(1.030)	43565	1.47566	29.51
63	Di-n-butylphthalate	149	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
64	Fluoranthene	202	15.944	15.923	(1.138)	1290159	34.9232	698.5
65	Pyrene	202	16.281	16.260	(0.891)	971357	21.7446	434.9
$ 66	Terphenyl-d14	244	16.655	16.634	(0.912)	384917	14.9260	298.5
67	Butylbenzylphthalate	149	17.627	17.558	(0.965)	76071	4.06185	81.24
68	Benzo(a)anthracene	228	18.252	18.199	(0.999)	336018	8.11103	162.2
* 69	Chrysene-d12	240	18.268	18.221	(1.000)	557406	20.0000	
70	3,3'-Dichlorobenzidine	252	Compound Not Detected.					
71	Chrysene	228	18.300	18.258	(1.002)	442833	10.8670	217.3(M)
72	bis(2-Ethylhexyl)phthalate	149	18.615	18.578	(0.952)	182756	7.71054	154.2
* 134	Di-n-octylphthalate-d4	153	19.545	19.503	(1.000)	752279	20.0000	
73	Di-n-octylphthalate	149	Compound Not Detected.					
74	Benzo(b)fluoranthene	252	19.887	19.818	(0.975)	275125	8.93674	178.7(M)
75	Benzo(k)fluoranthene	252	19.892	19.850	(0.975)	261711	8.04729	160.9(M)
76	Benzo(a)pyrene	252	20.314	20.245	(0.996)	207362	7.56327	151.3(M)
* 77	Perylene-d12	264	20.394	20.325	(1.000)	452167	20.0000	
78	Indeno(1,2,3-cd)pyrene	276	21.730	21.661	(1.065)	65447	2.17175	43.44(M)
79	Dibenzo(a,h)anthracene	278	21.767	21.693	(1.067)	20766	0.83901	16.78(M)
80	Benzo(g,h,i)perylene	276	22.034	21.944	(1.080)	37020	1.36383	27.28(M)
90	N-Nitrosodimethylamine	74	Compound Not Detected.					
91	Aniline	93	Compound Not Detected.					
93	Benzidine	184	Compound Not Detected.					
103	Pyridine	79	Compound Not Detected.					
105	1-methylnaphthalene	141	10.185	10.181	(1.147)	89532	4.80959	96.19
111	Azobenzene (1,2-DP-Hydrazine)	77	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.

Analytical Resources, Inc.

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: nt4.i
Lab File ID: lr71l2.d
Lab Smp Id: LR71LRE
Analysis Type: SV
Quant Type: ISTD
Operator: VTS
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

Calibration Date: 01-NOV-2007
Calibration Time: 14:35

Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	145384	72692	290768	164643	13.25
27 Naphthalene-d8	530525	265262	1061050	587768	10.79
42 Acenaphthene-d10	280701	140350	561402	323476	15.24
59 Phenanthrene-d10	391934	195967	783868	493723	25.97
69 Chrysene-d12	354658	177329	709316	557406	57.17
134 Di-n-octylphthala	506314	253157	1012628	752279	48.58
77 Perylene-d12	400782	200391	801564	452167	12.82

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
8 1,4-Dichlorobenze	6.82	6.32	7.32	6.83	0.07
27 Naphthalene-d8	8.87	8.37	9.37	8.88	0.05
42 Acenaphthene-d10	11.68	11.18	12.18	11.69	0.09
59 Phenanthrene-d10	14.00	13.50	14.50	14.00	0.03
69 Chrysene-d12	18.22	17.72	18.72	18.27	0.26
134 Di-n-octylphthala	19.50	19.00	20.00	19.54	0.22
77 Perylene-d12	20.33	19.83	20.83	20.39	0.34

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Analytical Resources, Inc.

RECOVERY REPORT

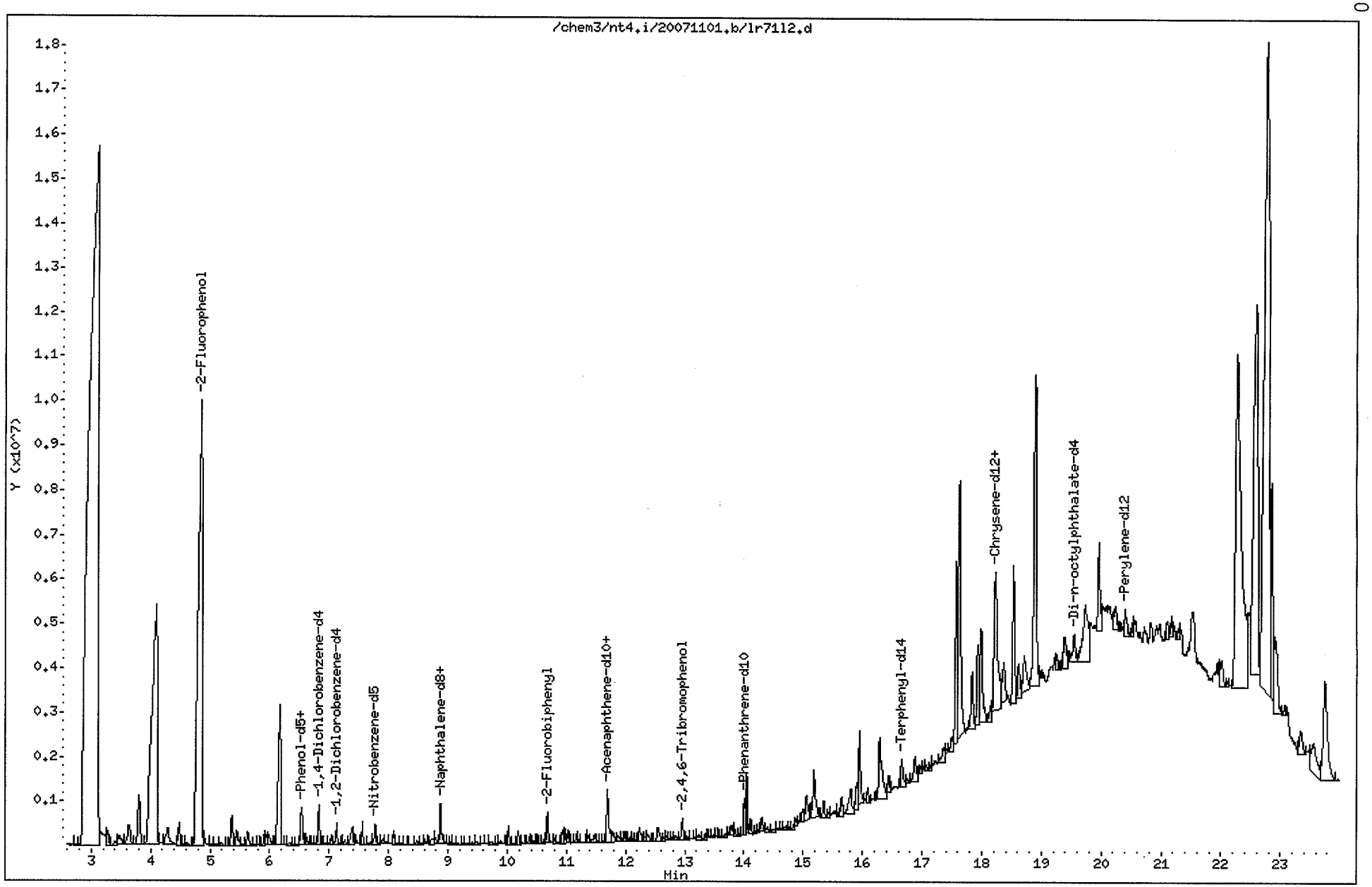
Client Name: Client SDG: 20071101
Sample Matrix: SOLID Fraction: SV
Lab Smp Id: LR71LRE
Level: LOW Operator: VTS
Data Type: MS DATA SampleType: SAMPLE
SpikeList File: PSDDALCS.spk Quant Type: ISTD
Sublist File: PSDDA.sub
Method File: /chem3/nt4.i/20071101.b/SW846.m
Misc Info:

SURROGATE COMPOUND	CONC ADDED ug/Kg	CONC RECOVERED ug/Kg	% RECOVERED	LIMITS
$ 1 2-Fluorophenol	750.0	317.7	42.35	11-84
$ 2 Phenol-d5	750.0	428.2	57.10	25-86
$ 5 2-Chlorophenol-d4	750.0	430.0	57.33	23-91
$ 10 1,2-Dichlorobenzen	500.0	269.7	53.94	24-90
$ 18 Nitrobenzene-d5	500.0	293.9	58.79	26-88
$ 36 2-Fluorobiphenyl	500.0	296.5	59.29	34-91
$ 55 2,4,6-Tribromophen	750.0	453.4	60.46	25-107
$ 66 Terphenyl-d14	500.0	298.5	59.70	22-100

Data File: /chem3/nt4.i/20071101.b/lr7112.d
Date : 01-NOV-2007 22:54
Client ID:
Sample Info: LR71LRE
Volume Injected (uL): 1.0
Column phase: ZB-5

Instrument: nt4.i
Operator: VTS
Column diameter: 0.32

0750



Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

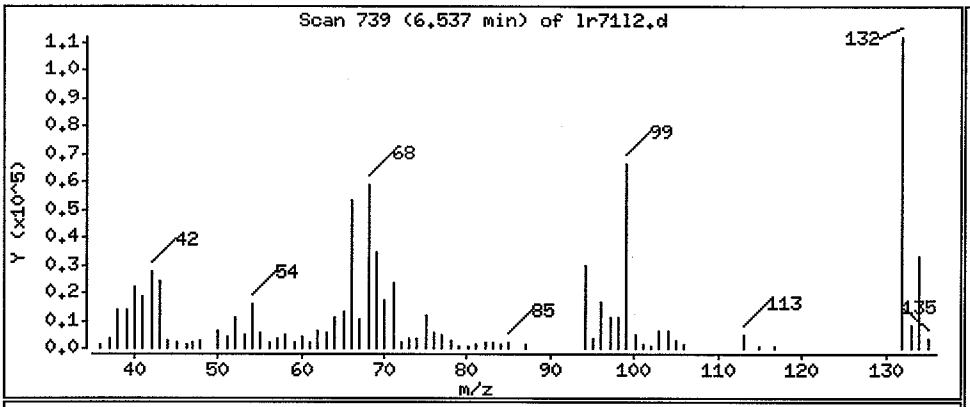
Operator: VTS

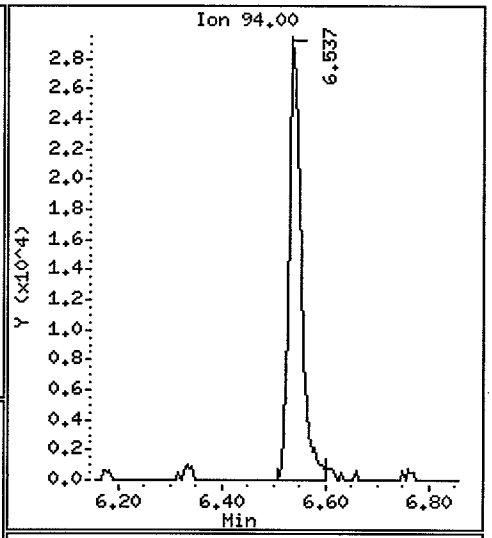
Column phase: ZB-5

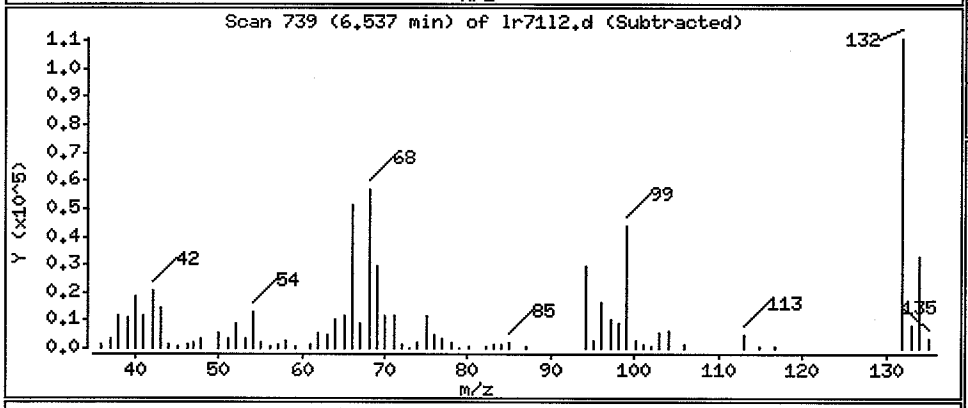
Column diameter: 0.32

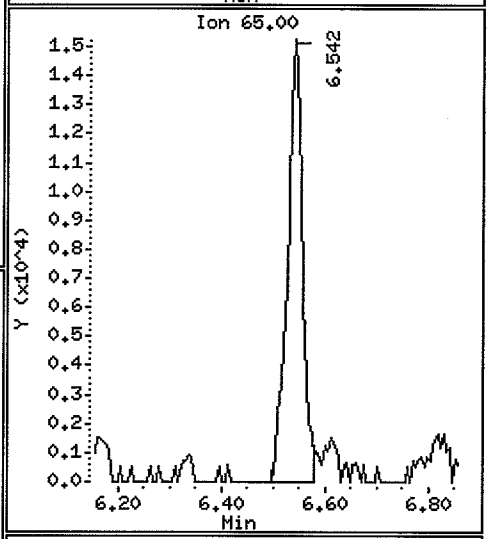
3 Phenol

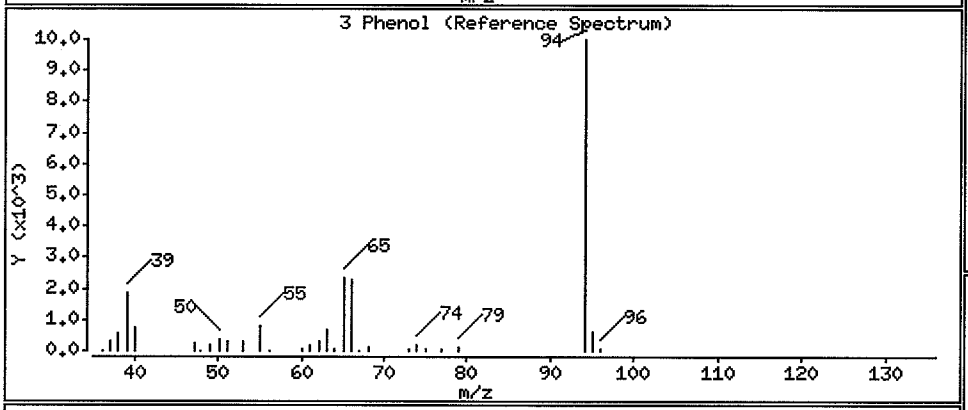
Concentration: 52.33 ug/Kg

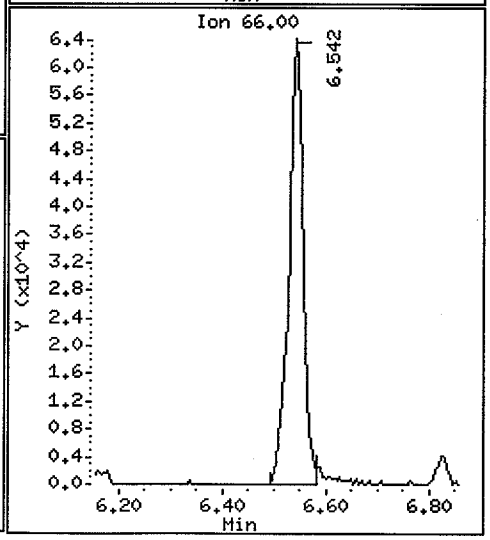


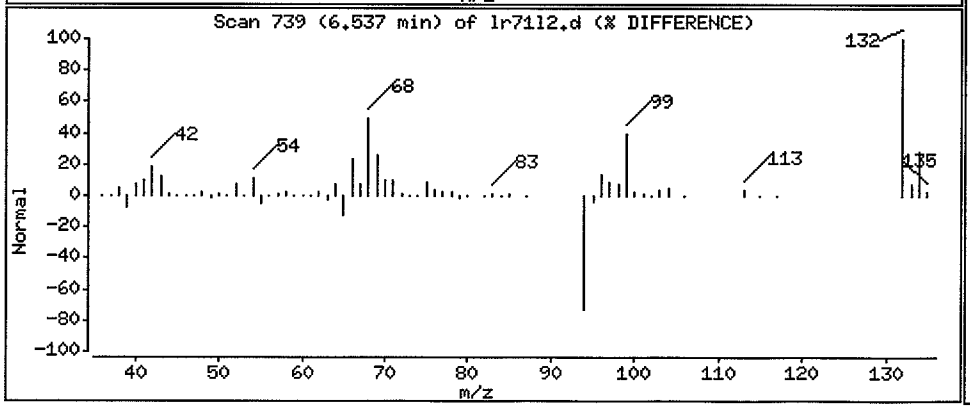












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

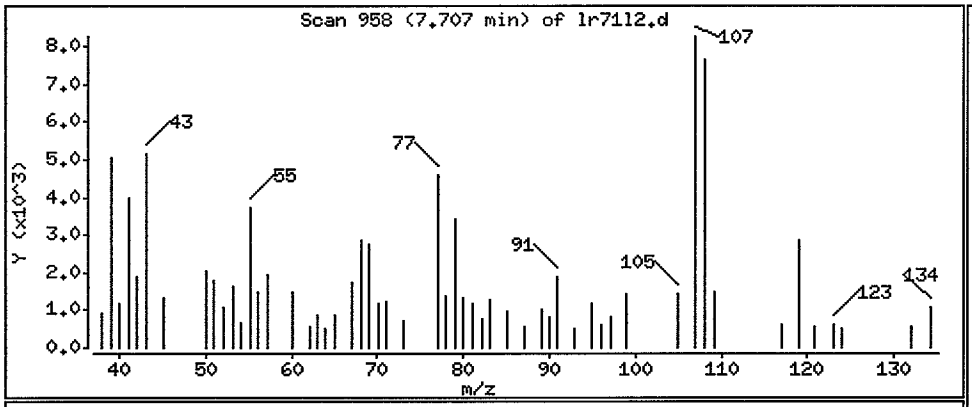
Operator: VTS

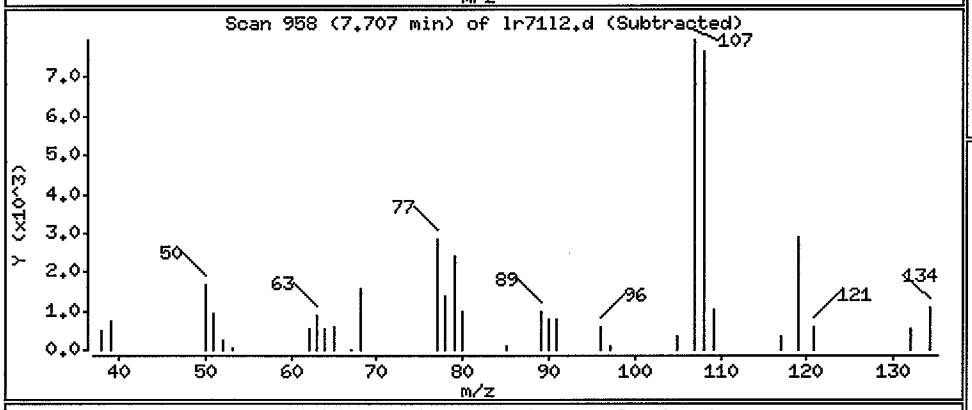
Column phase: ZB-5

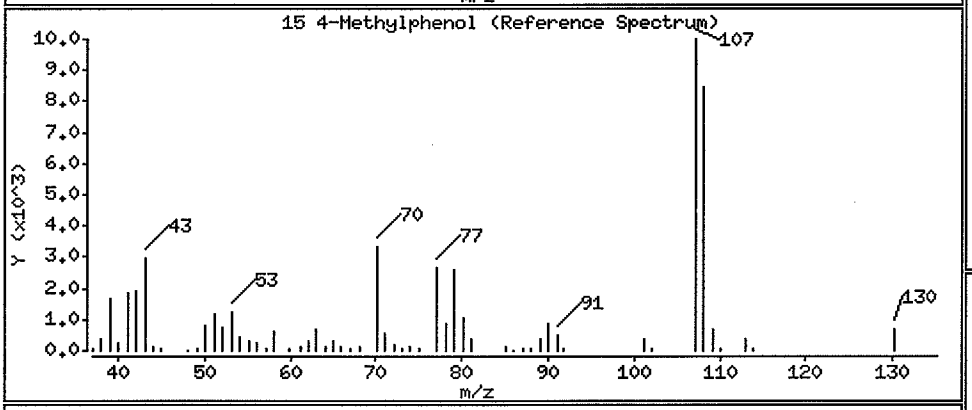
Column diameter: 0.32

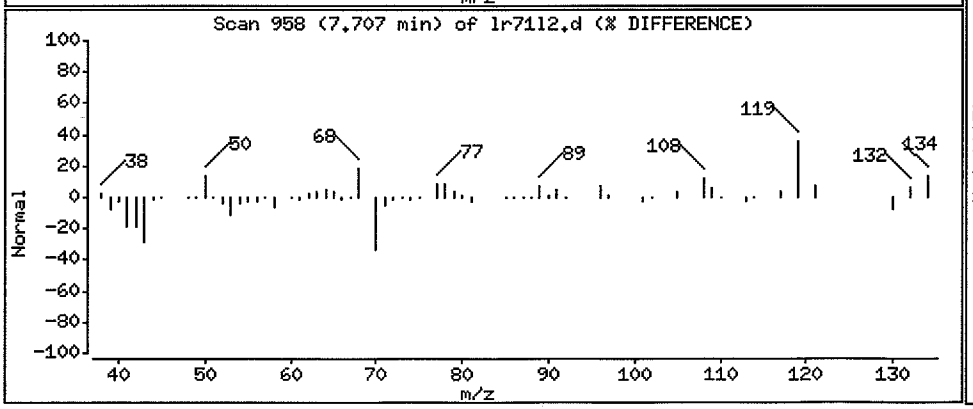
15 4-Methylphenol

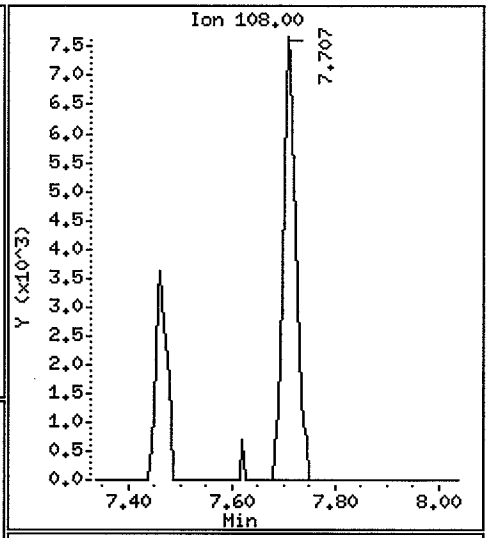
Concentration: 21.93 ug/Kg

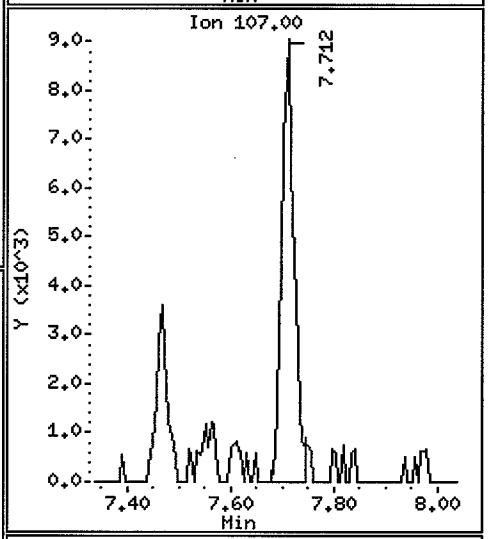


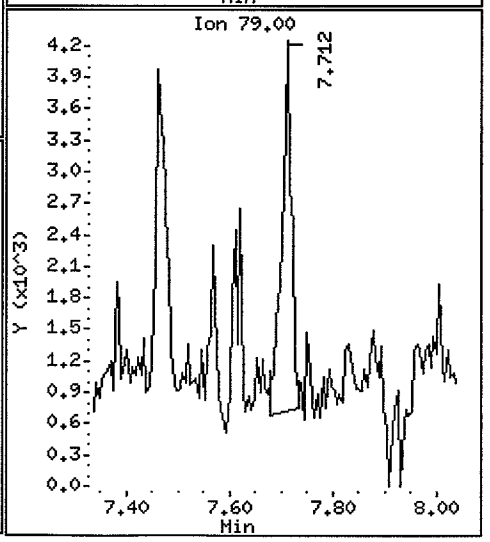












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

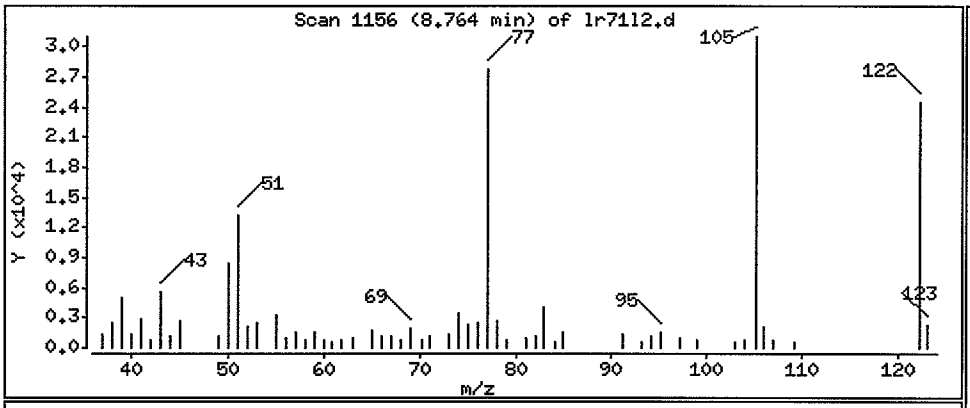
Operator: VTS

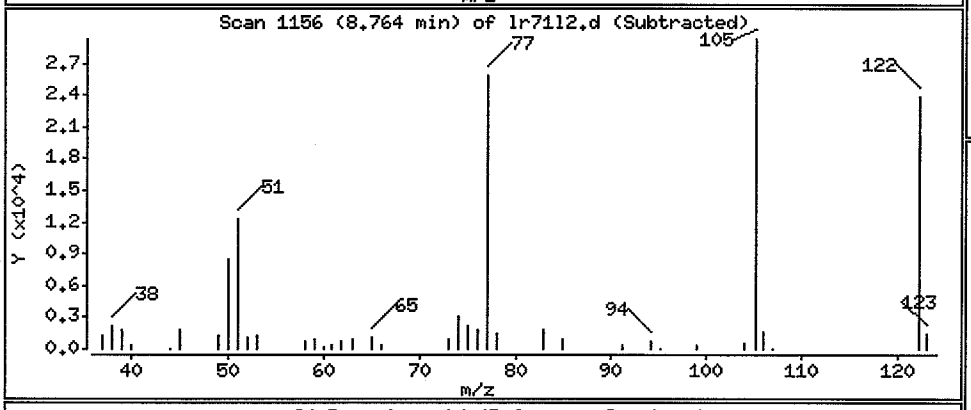
Column phase: ZB-5

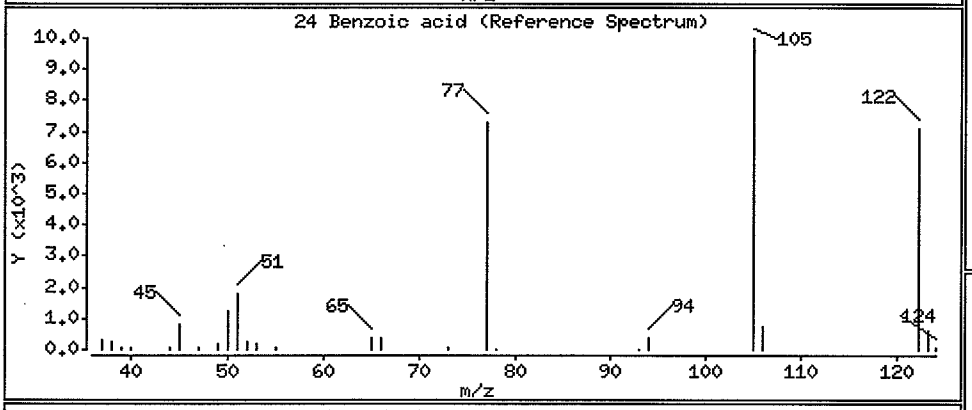
Column diameter: 0.32

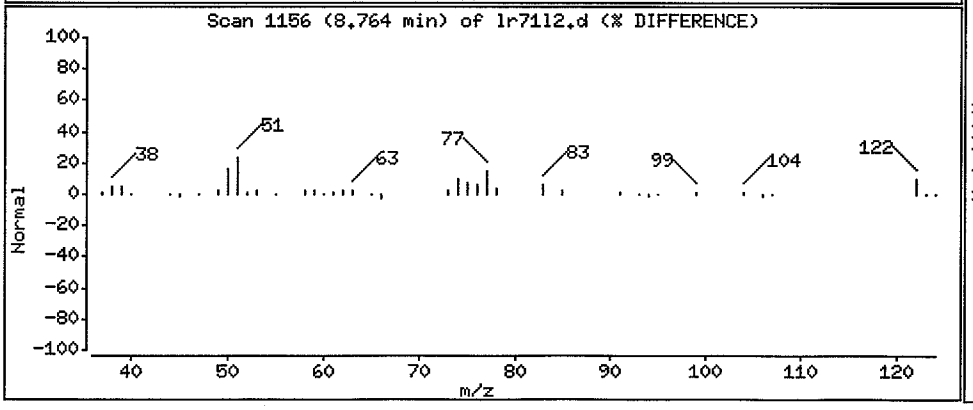
24 Benzoic acid

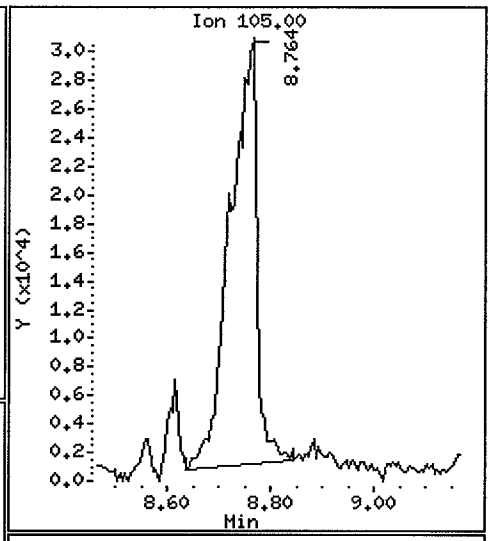
Concentration: 215.2 ug/Kg

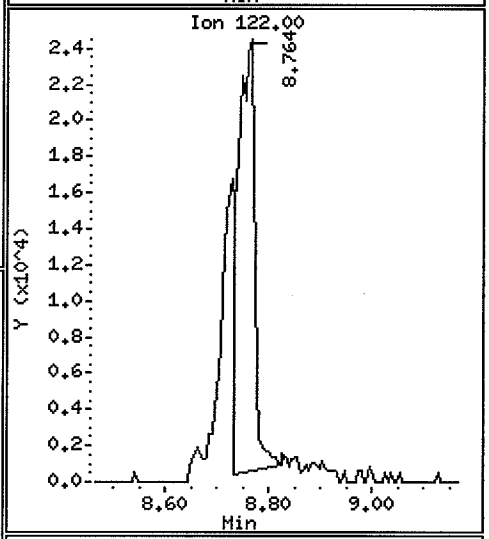


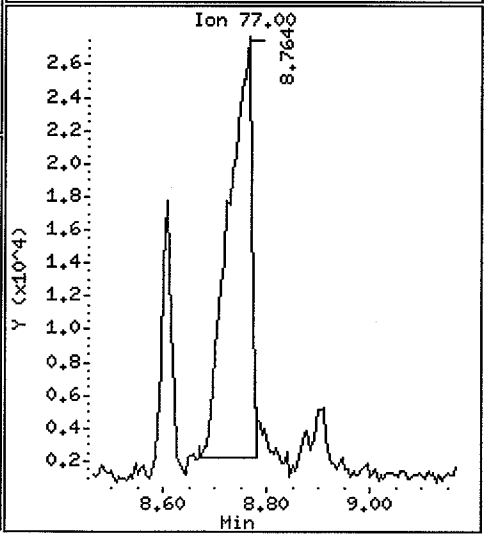












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

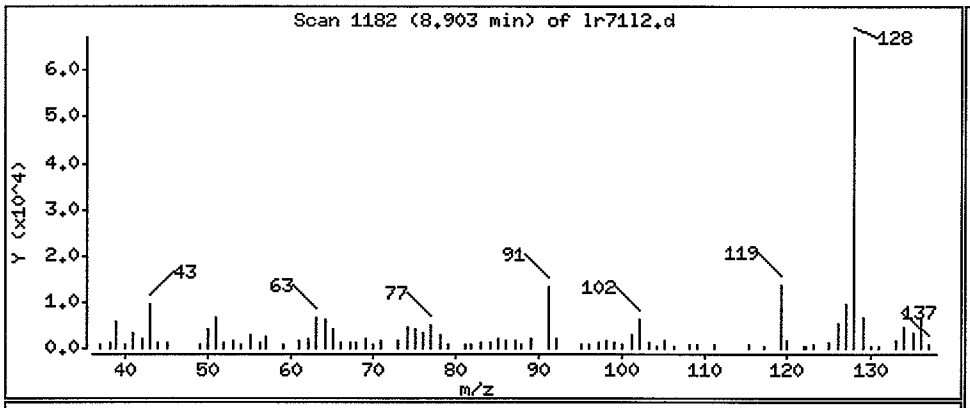
Operator: VTS

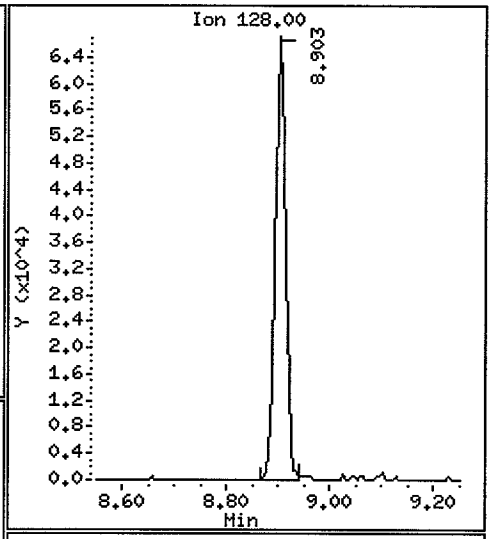
Column phase: ZB-5

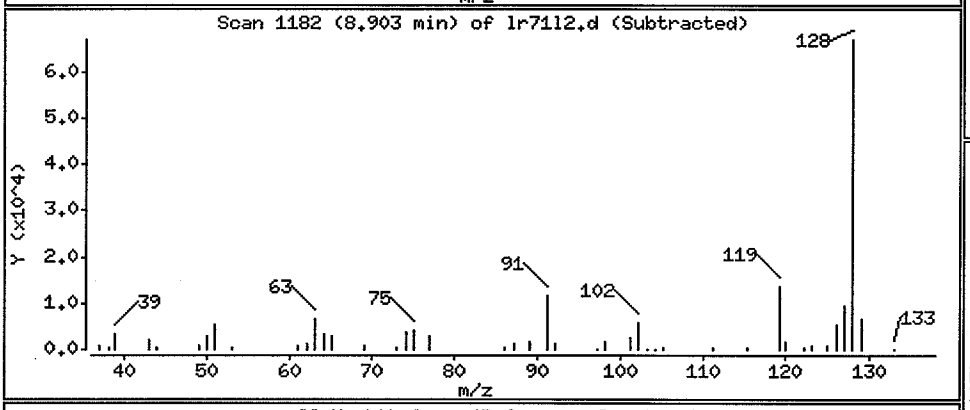
Column diameter: 0.32

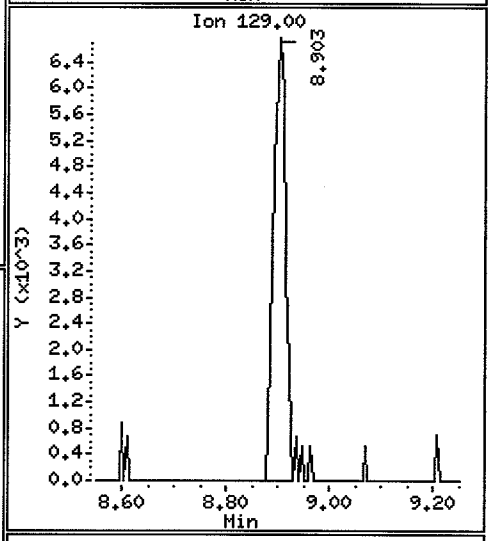
28 Naphthalene

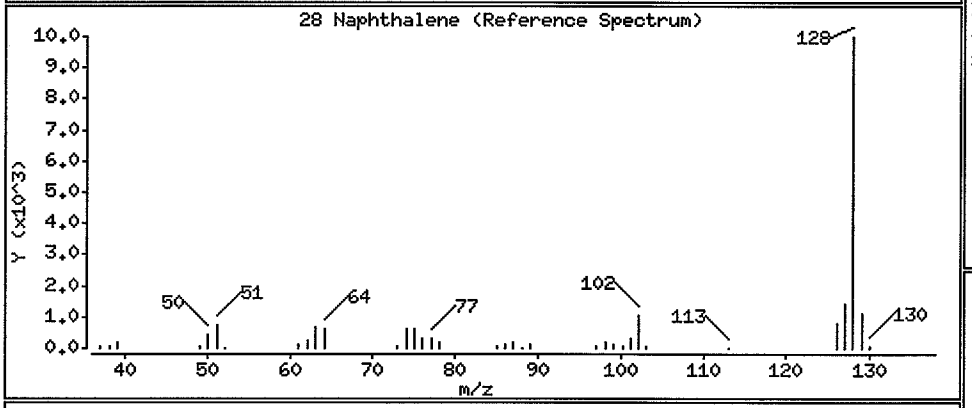
Concentration: 50.41 ug/Kg

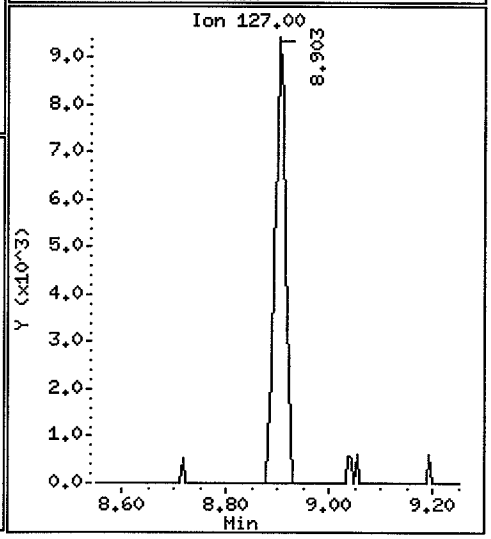


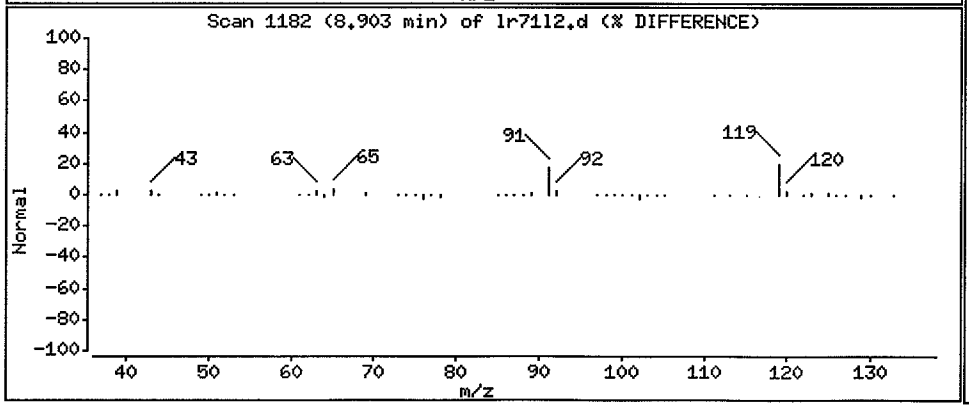












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

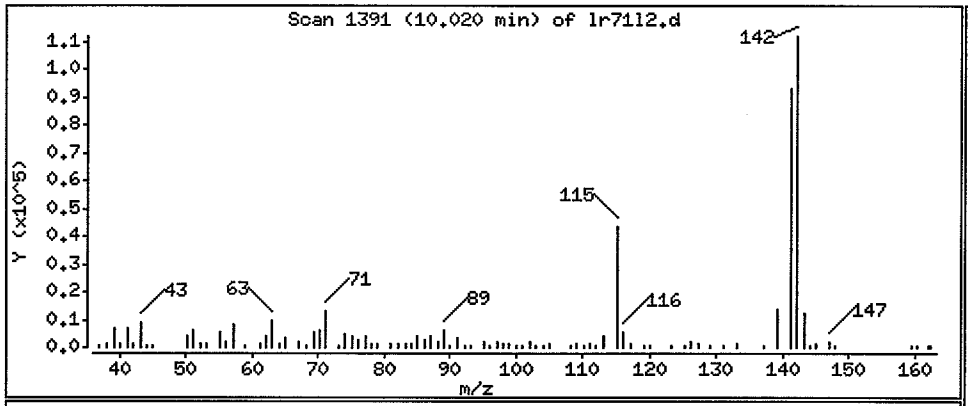
Operator: VTS

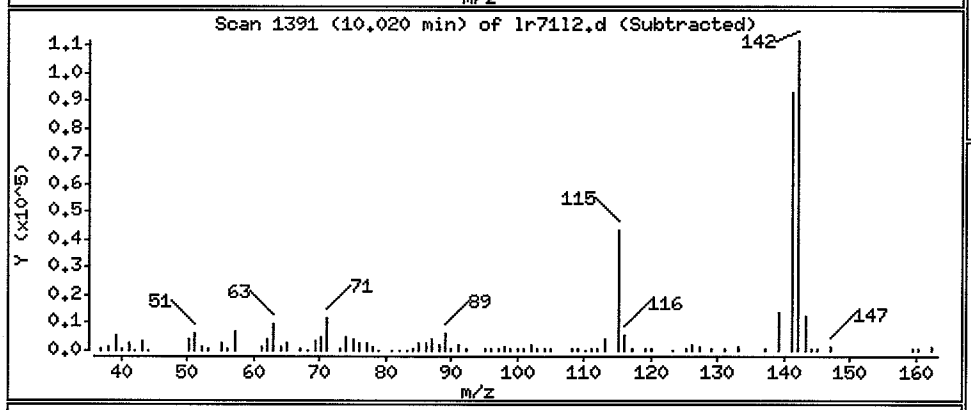
Column phase: ZB-5

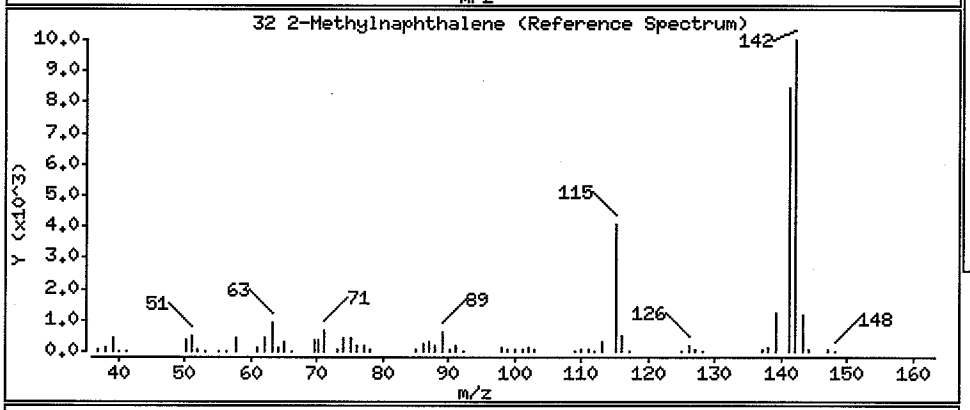
Column diameter: 0.32

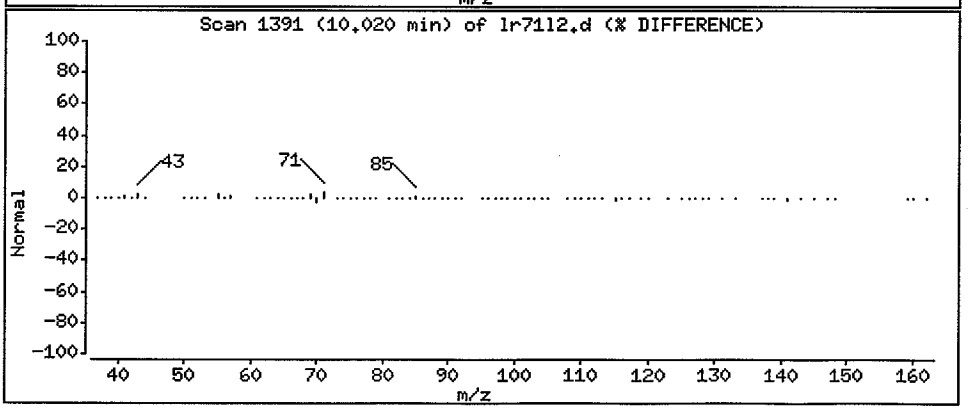
32 2-Methylnaphthalene

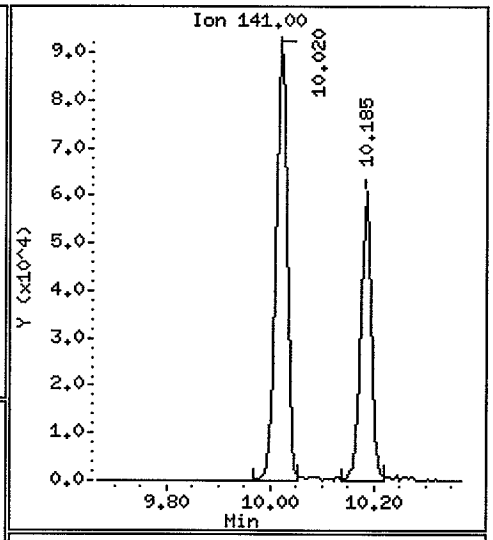
Concentration: 146.5 ug/Kg

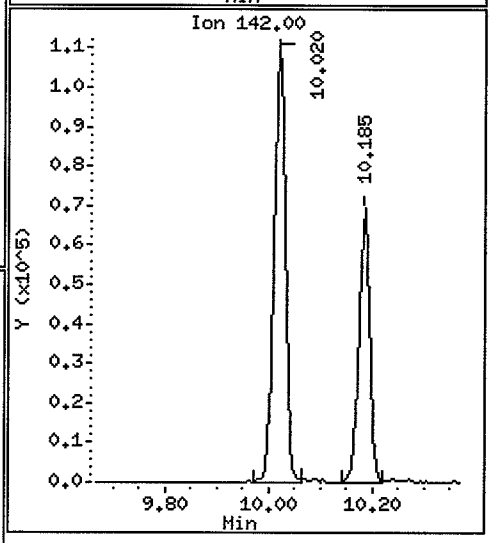












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

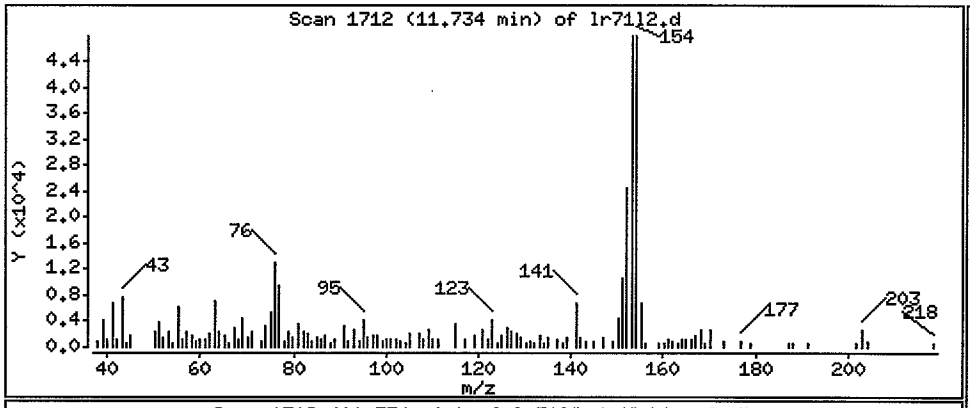
Operator: VTS

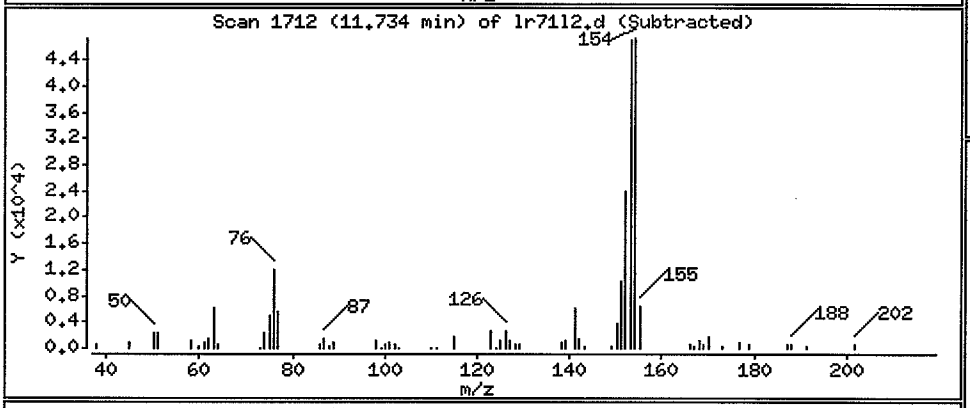
Column phase: ZB-5

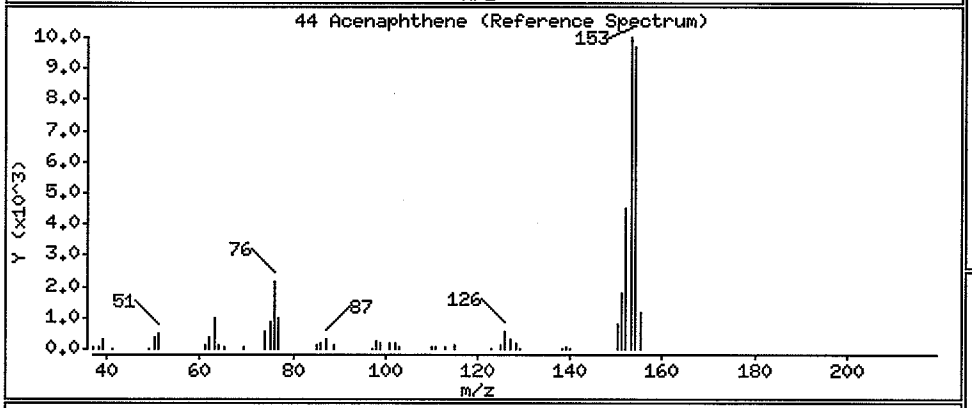
Column diameter: 0.32

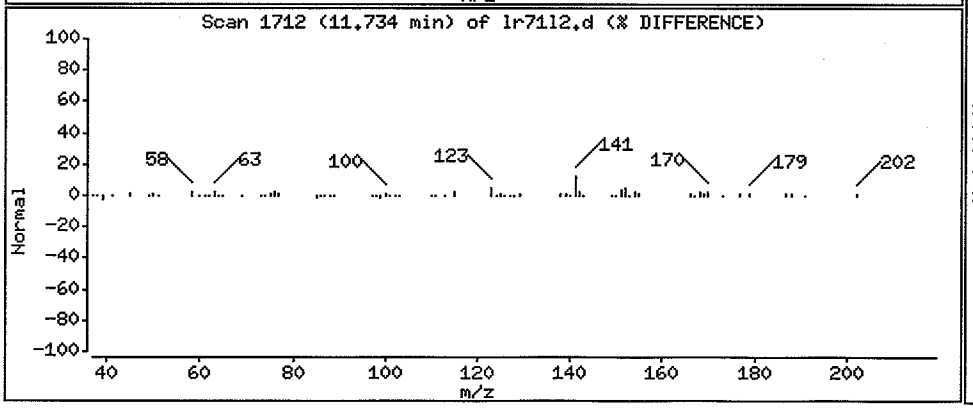
44 Acenaphthene

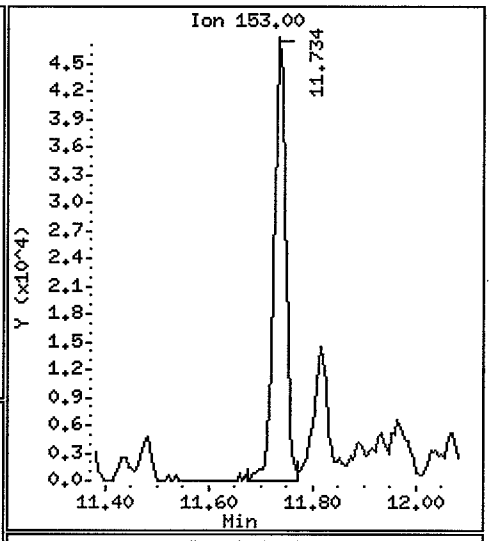
Concentration: 71.11 ug/Kg

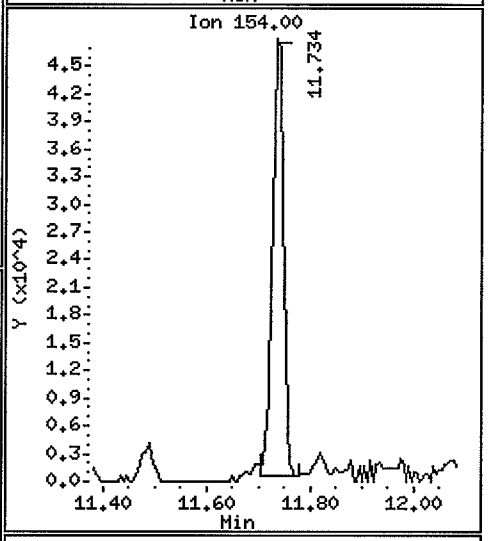


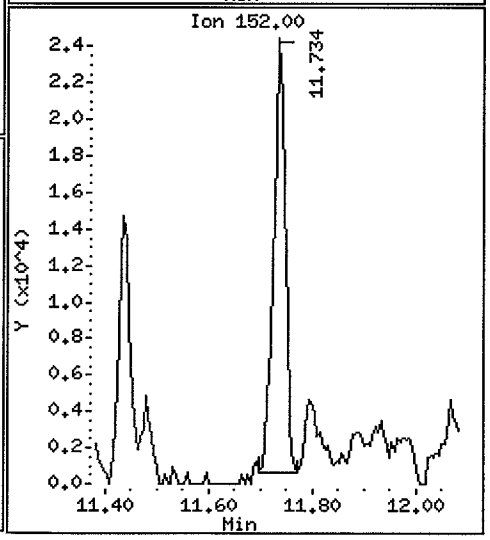












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

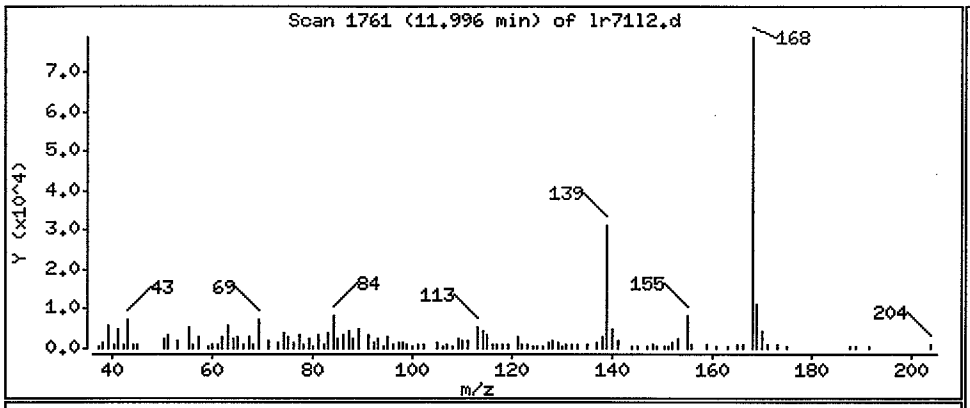
Operator: VTS

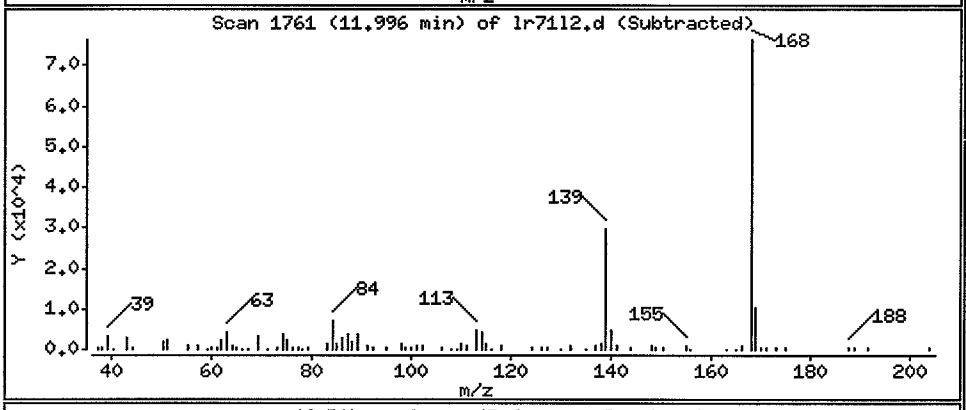
Column phase: ZB-5

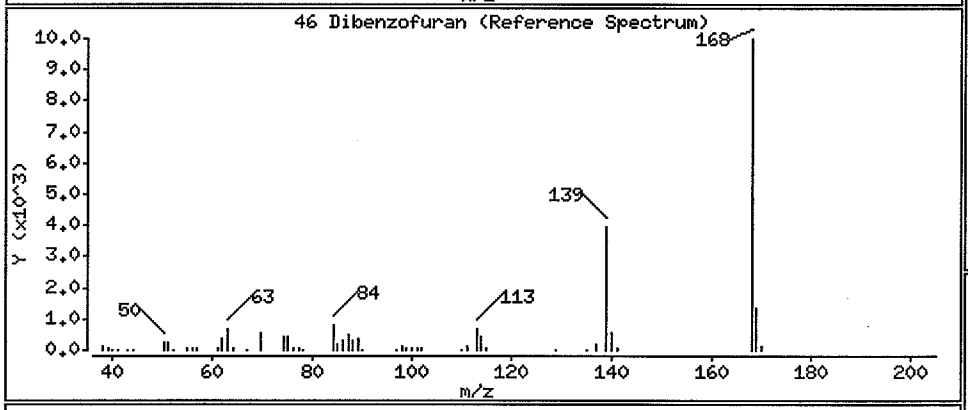
Column diameter: 0.32

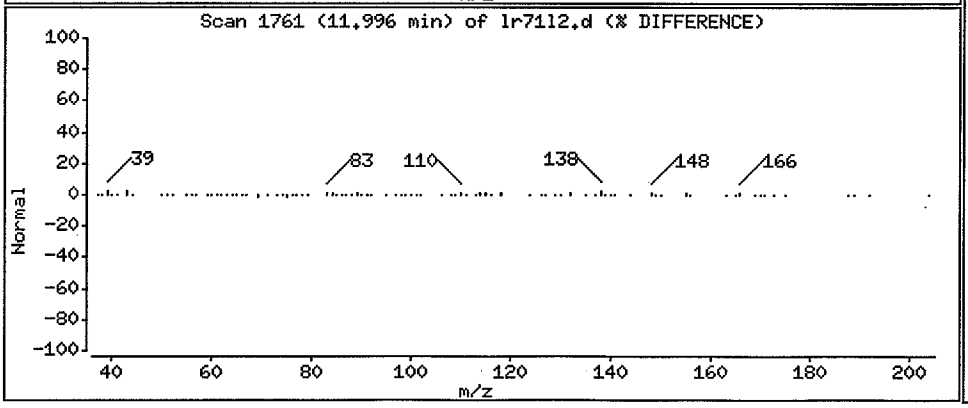
46 Dibenzofuran

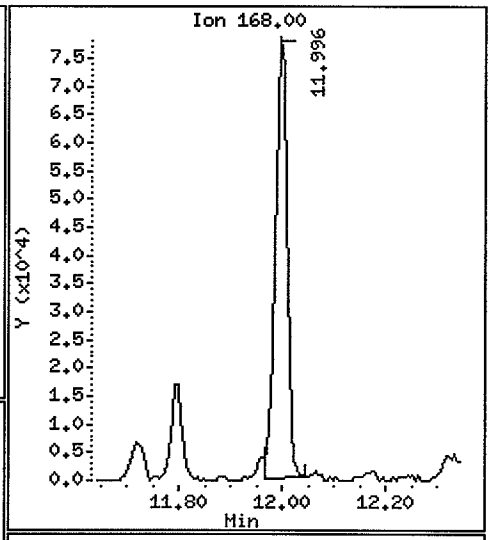
Concentration: 89.16 ug/Kg

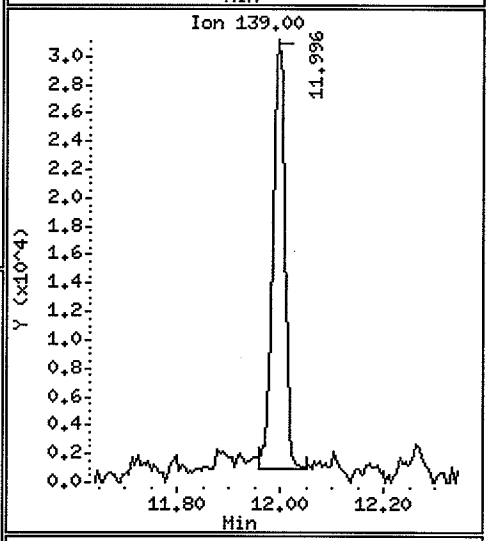


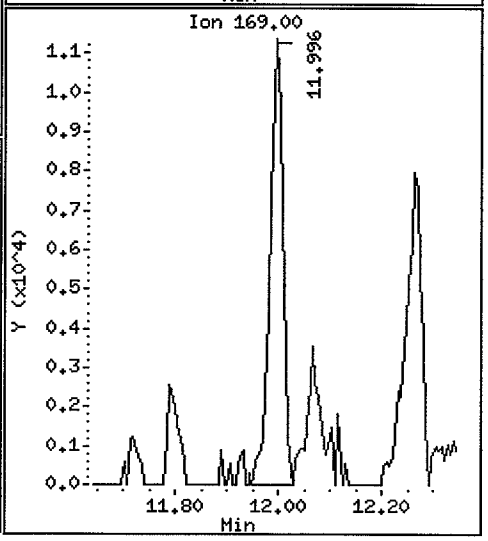












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

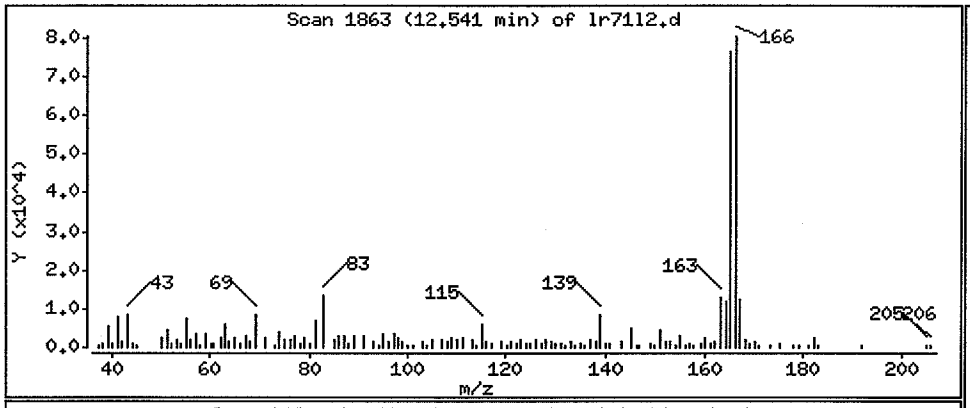
Operator: VTS

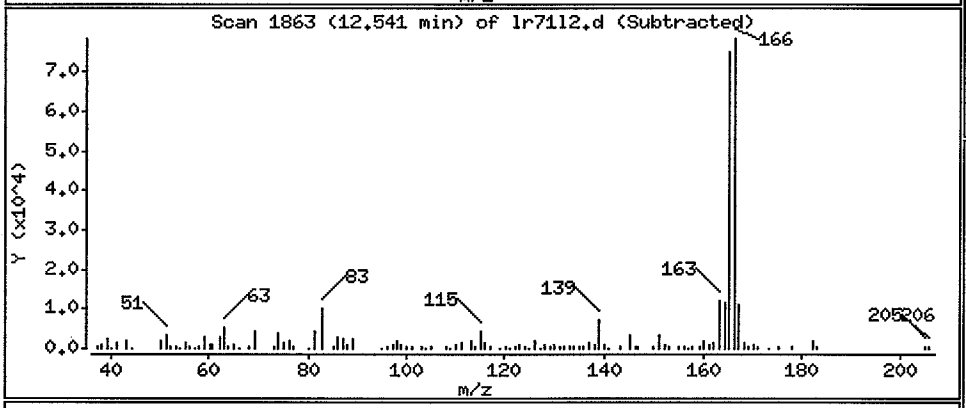
Column phase: ZB-5

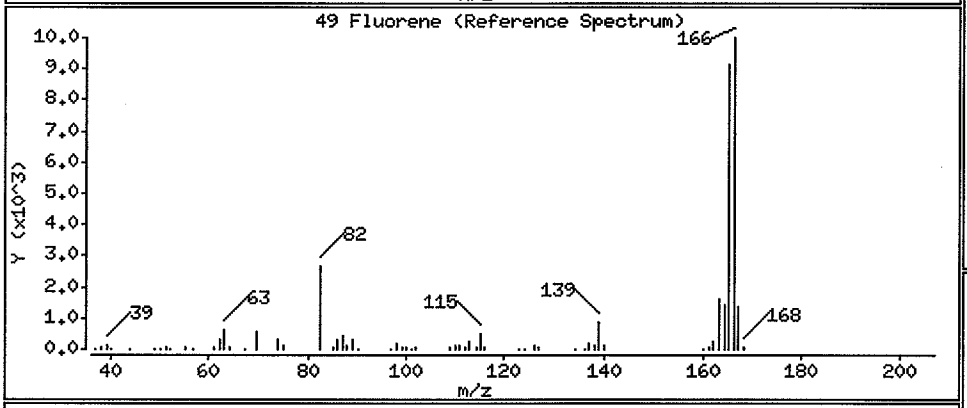
Column diameter: 0.32

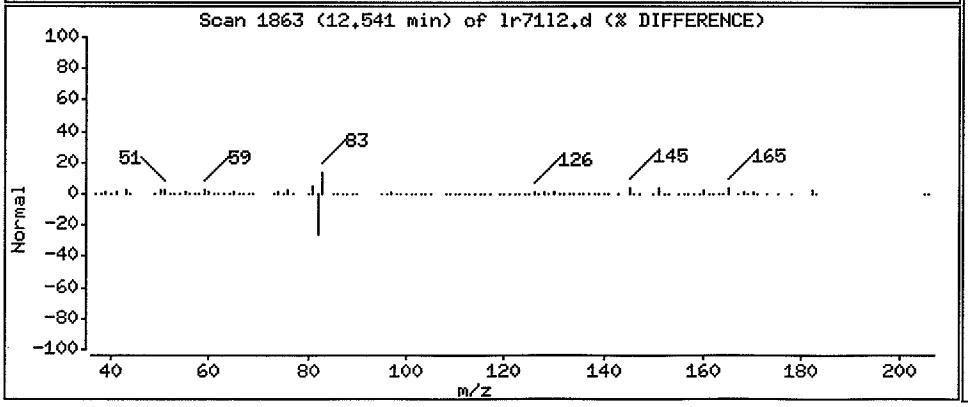
49 Fluorene

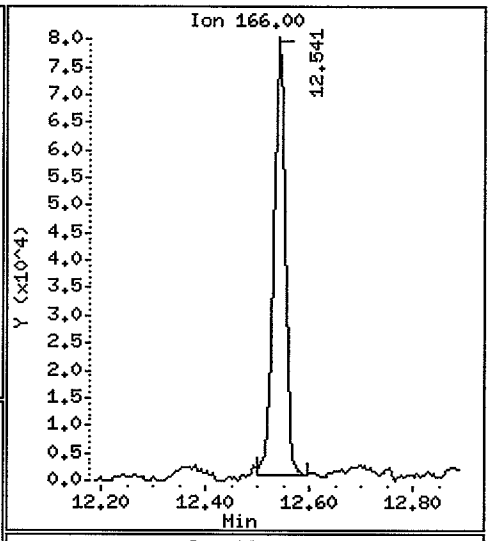
Concentration: 102.5 ug/Kg

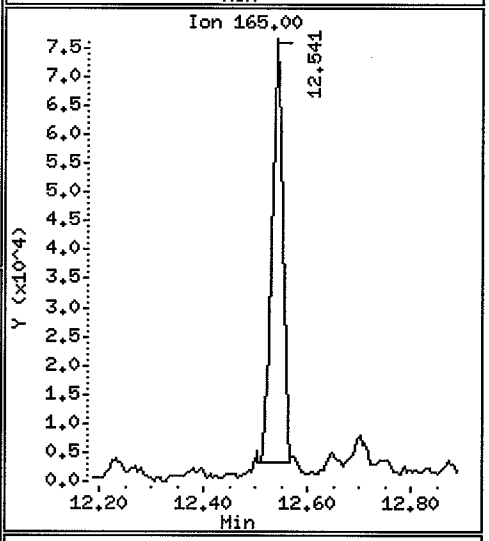


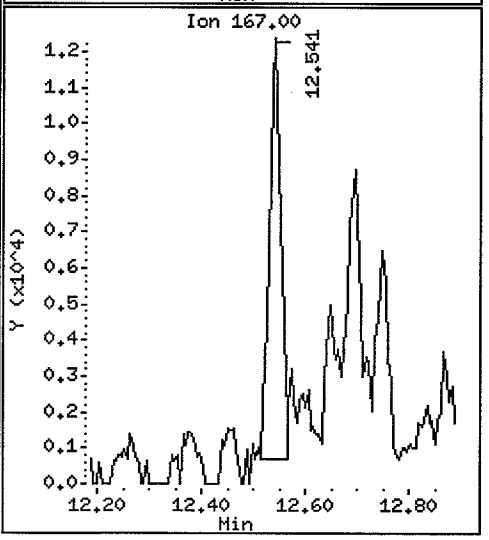












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

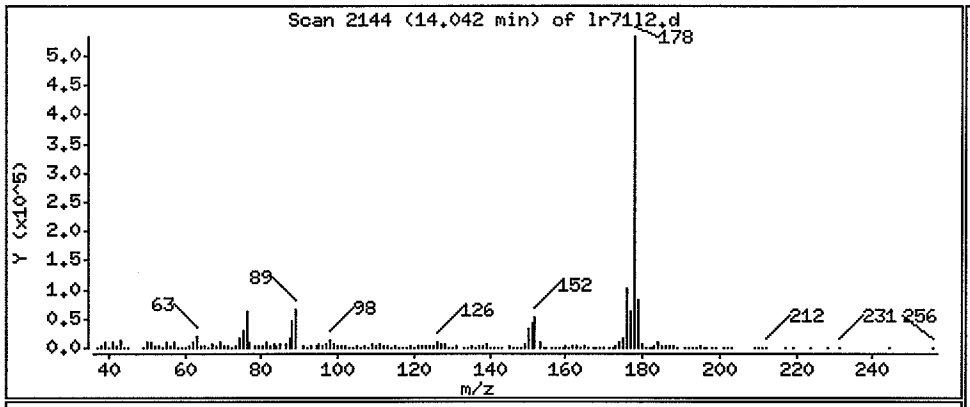
Operator: VTS

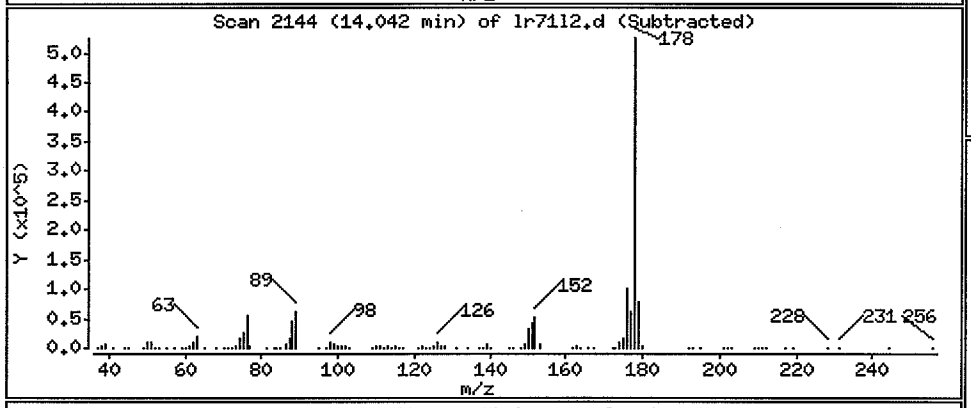
Column phase: ZB-5

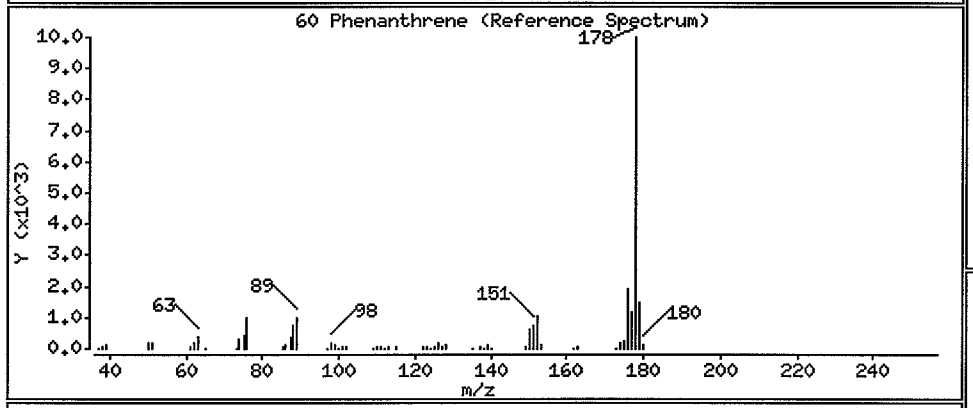
Column diameter: 0.32

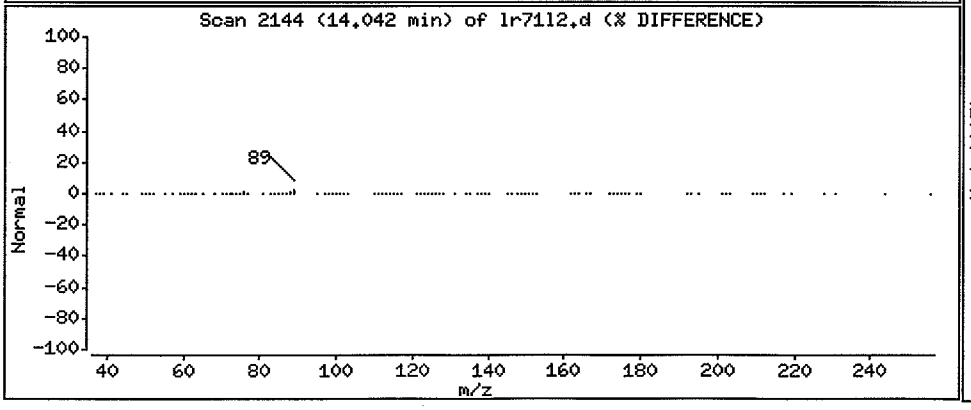
60 Phenanthrene

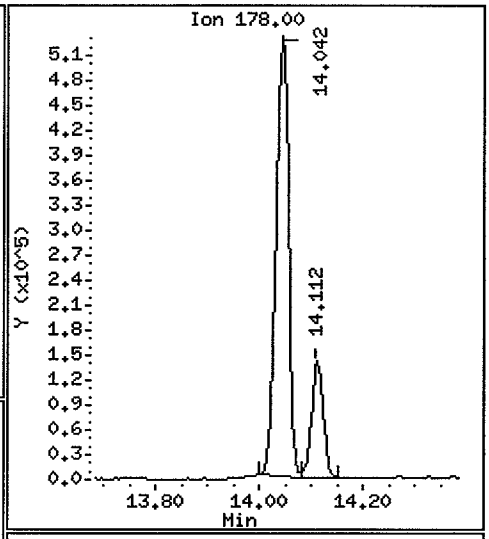
Concentration: 509.2 ug/Kg

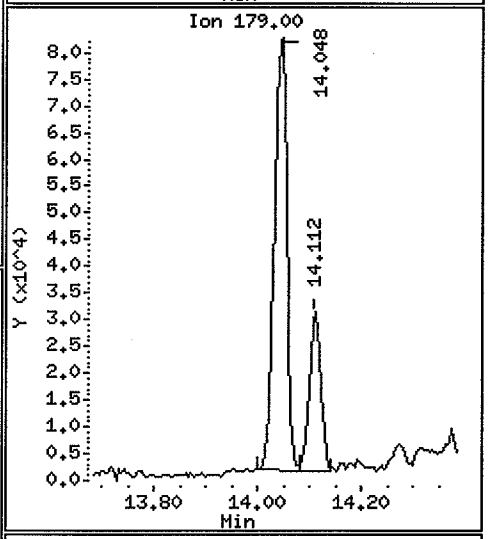


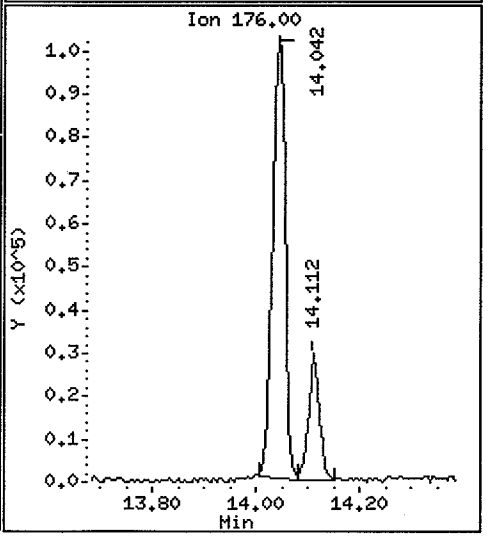












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

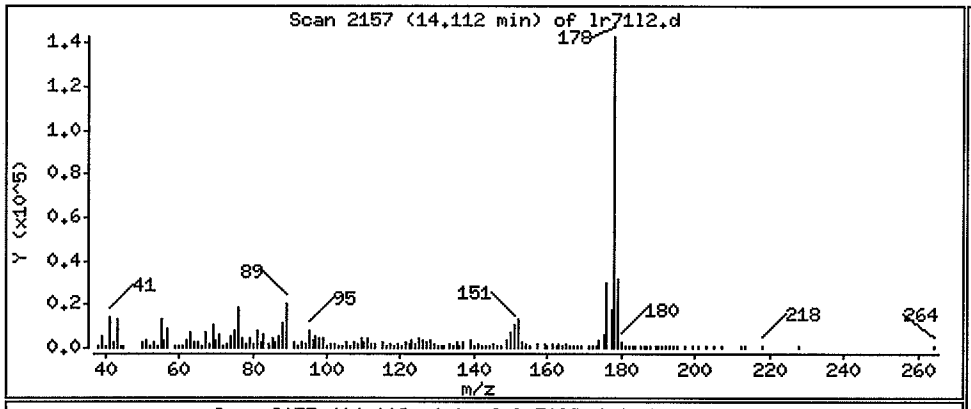
Operator: VTS

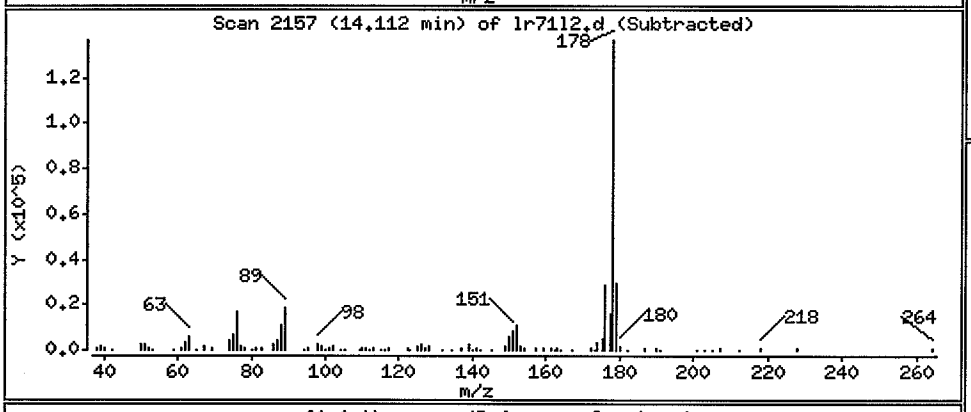
Column phase: ZB-5

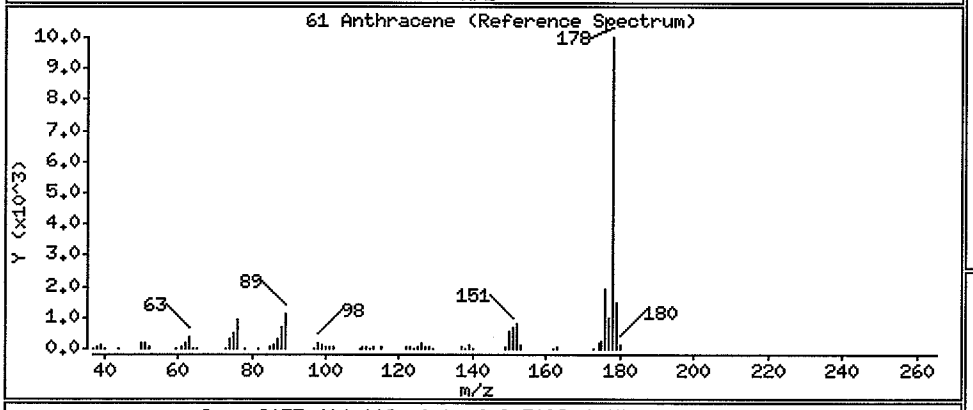
Column diameter: 0.32

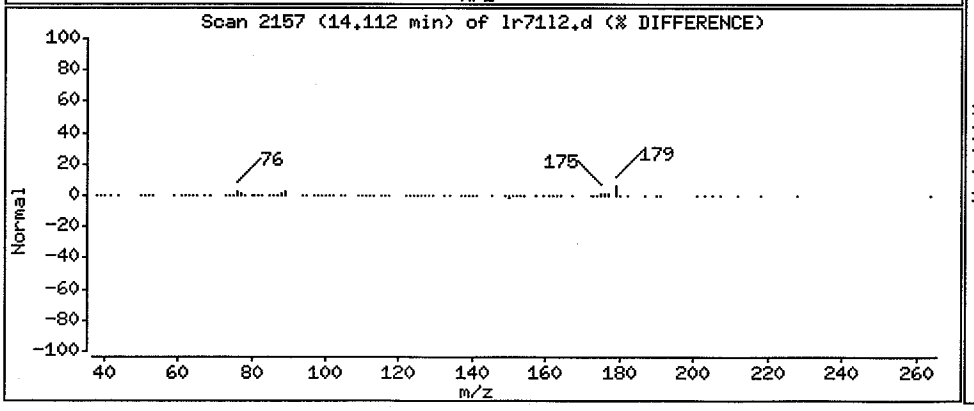
61 Anthracene

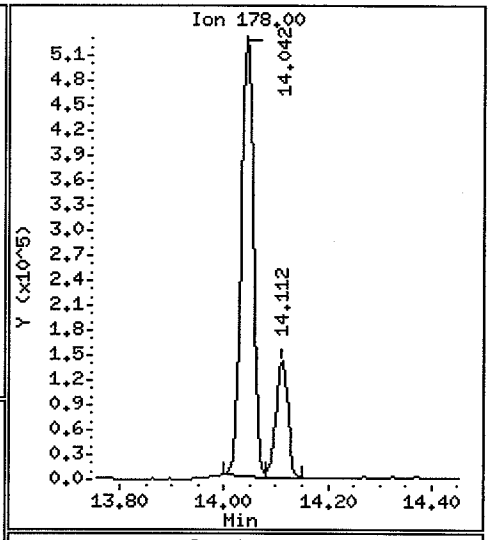
Concentration: 132.2 ug/Kg

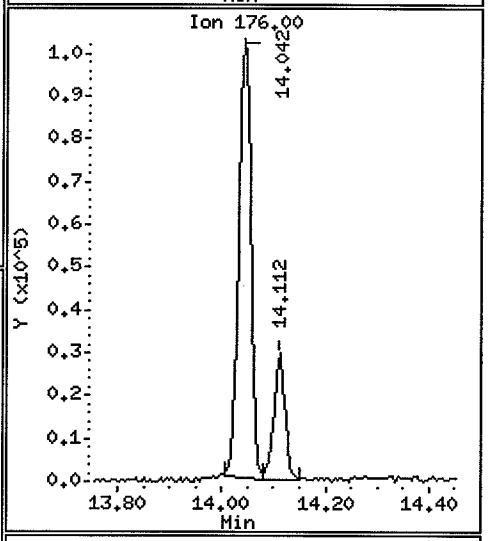


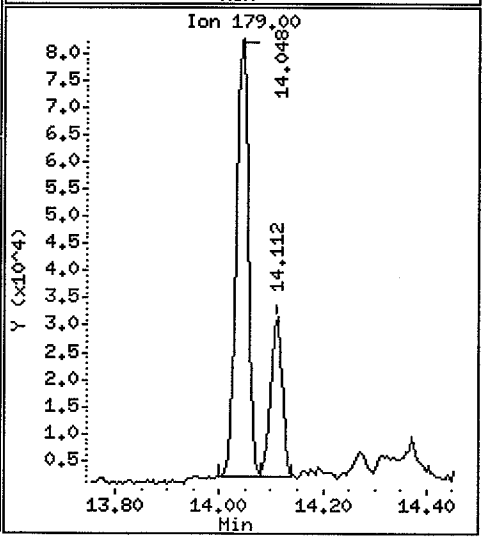












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

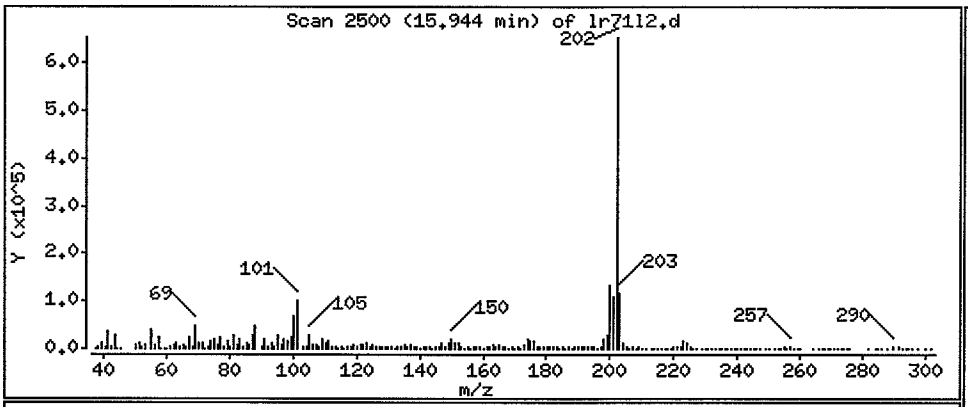
Operator: VTS

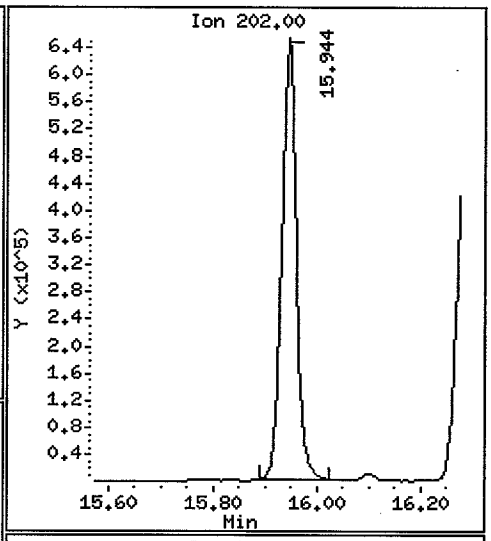
Column phase: ZB-5

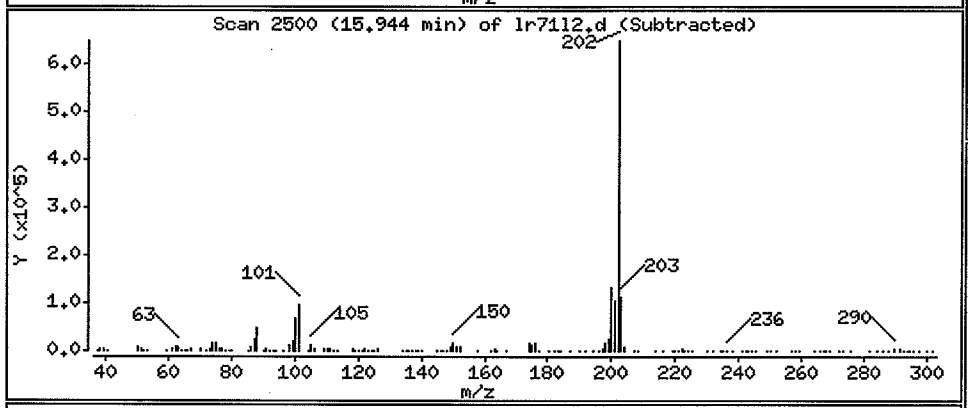
Column diameter: 0.32

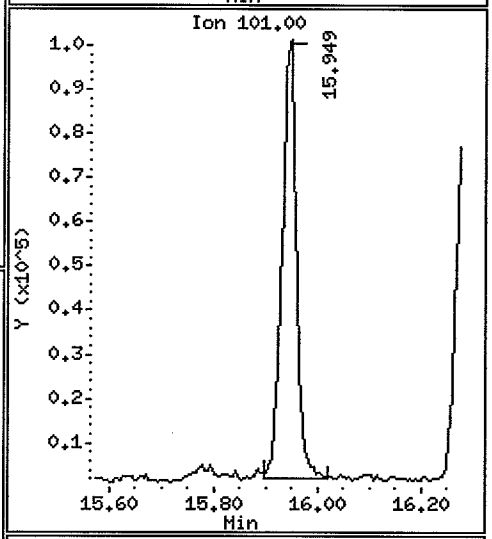
64 Fluoranthene

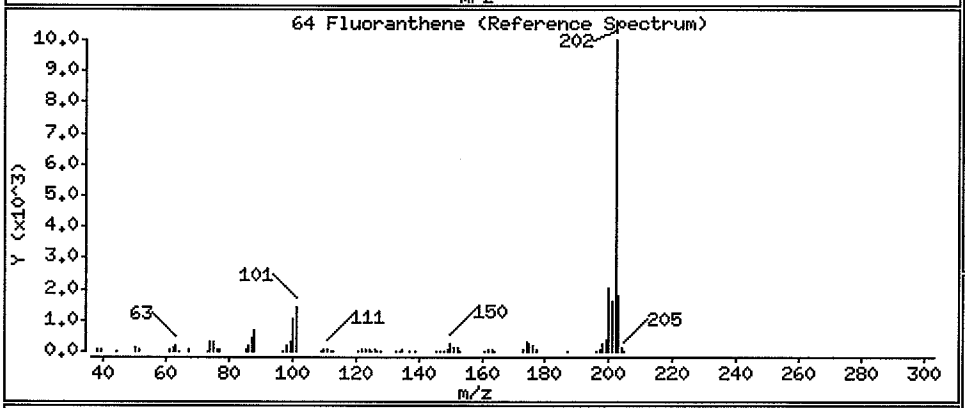
Concentration: 698.5 ug/Kg

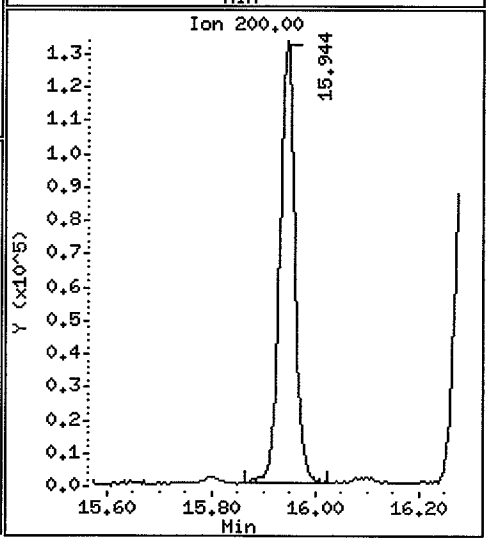


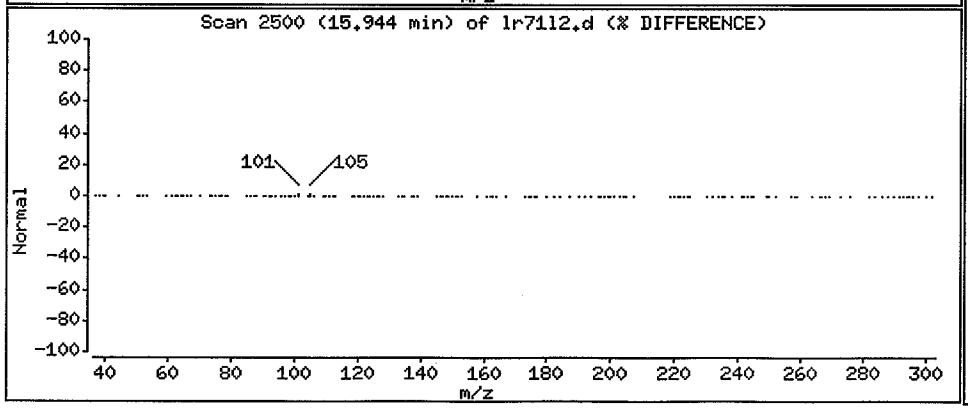












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

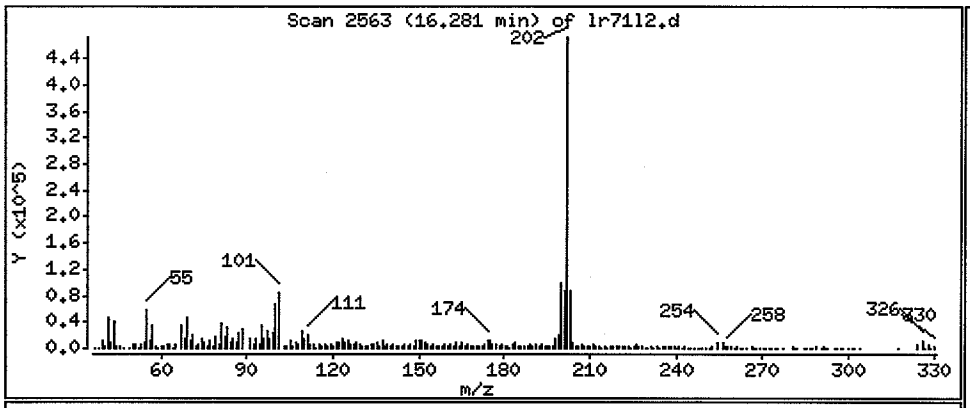
Operator: VTS

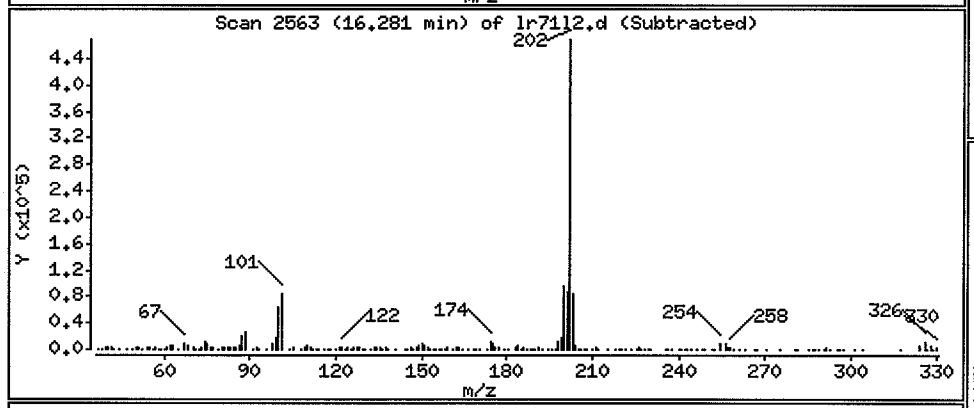
Column phase: ZB-5

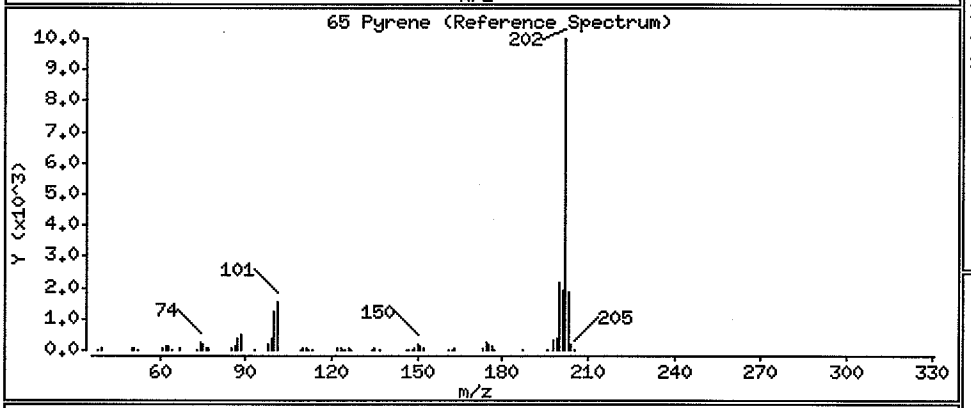
Column diameter: 0.32

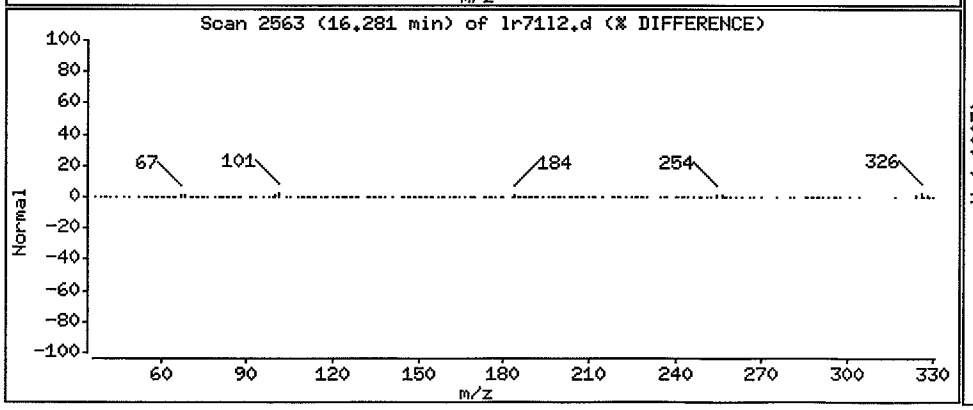
65 Pyrene

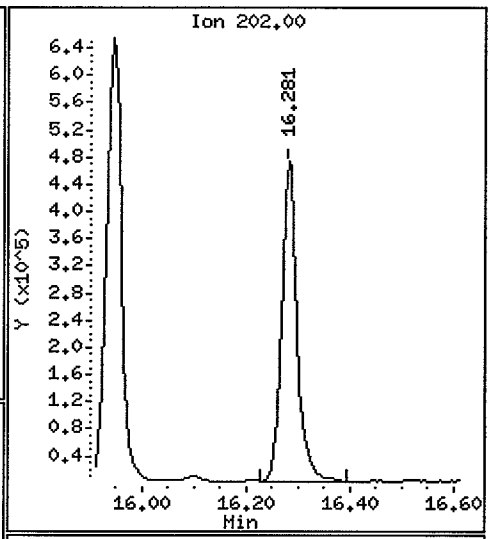
Concentration: 434.9 ug/Kg

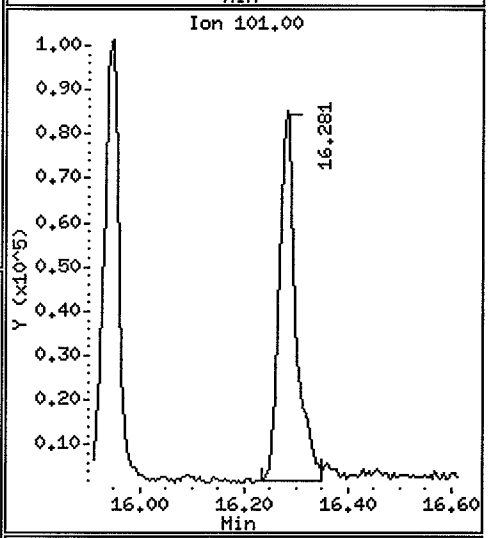


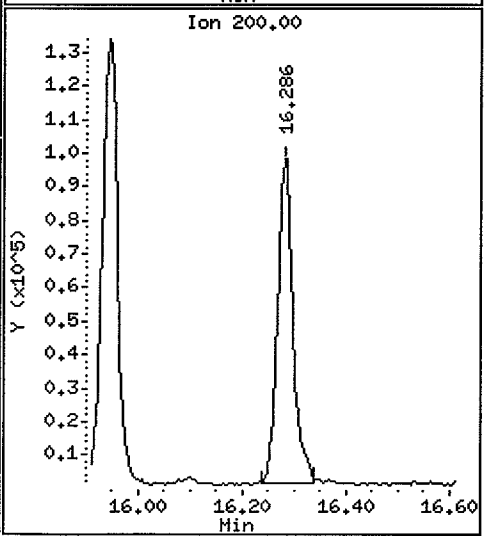












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

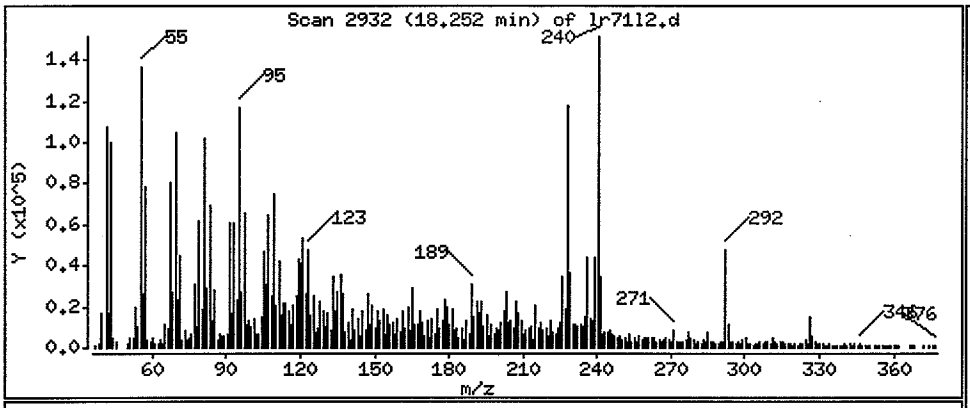
Operator: VTS

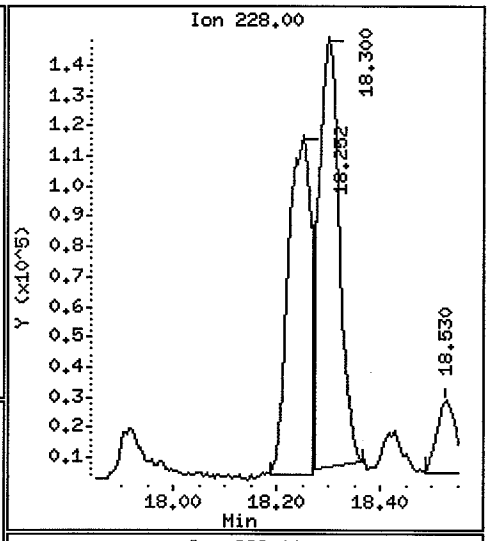
Column phase: ZB-5

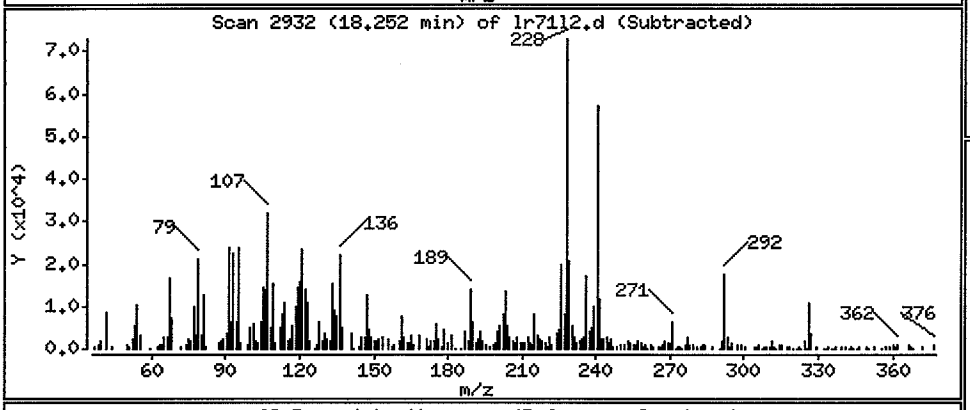
Column diameter: 0.32

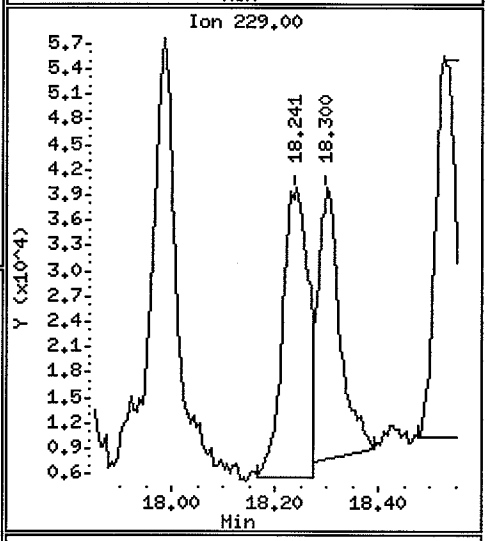
68 Benzo(a)anthracene

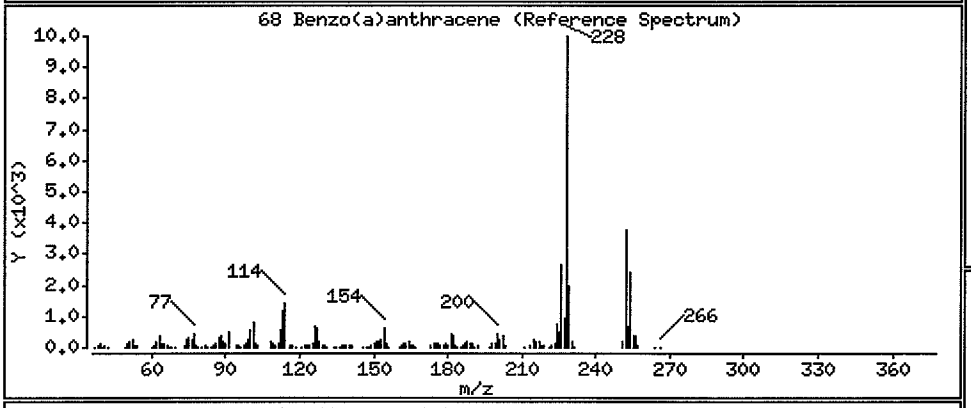
Concentration: 162.2 ug/Kg

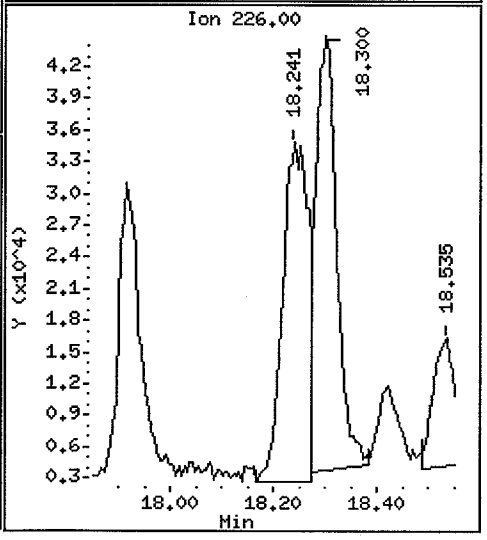


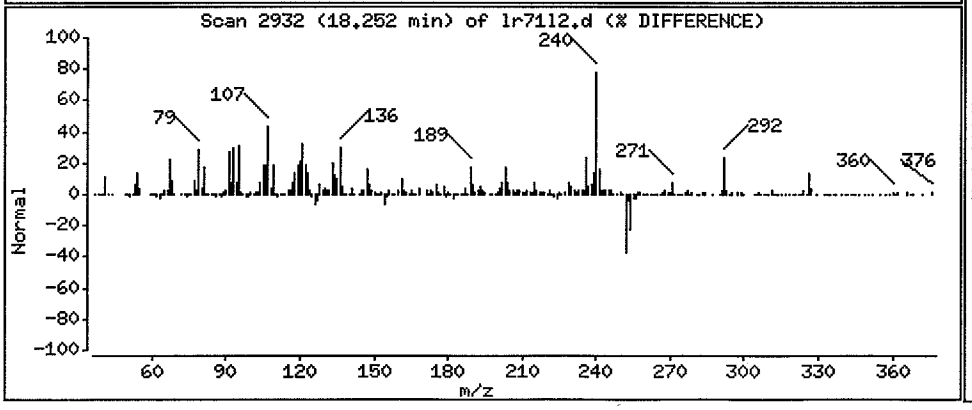












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

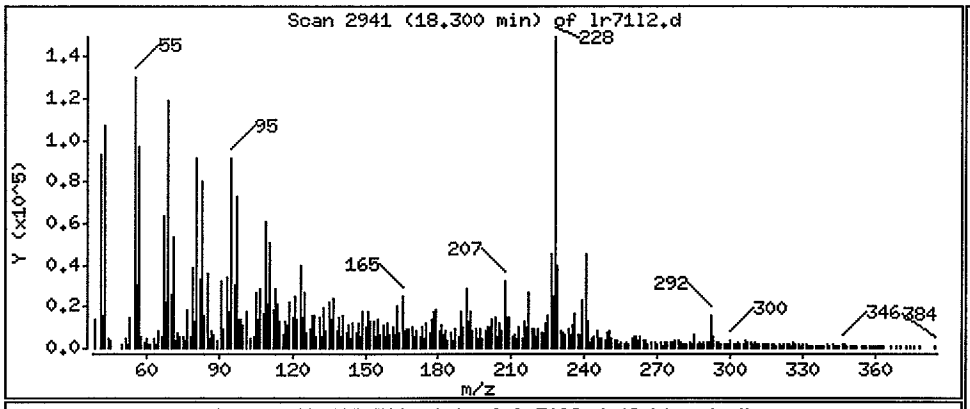
Operator: VTS

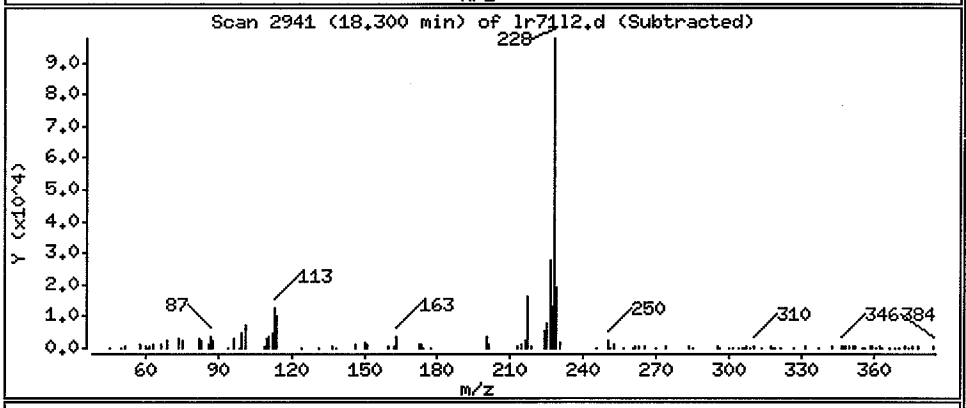
Column phase: ZB-5

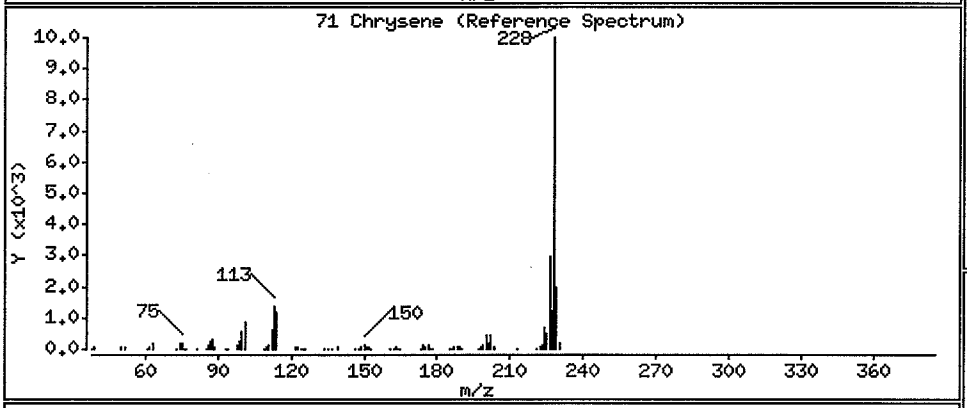
Column diameter: 0.32

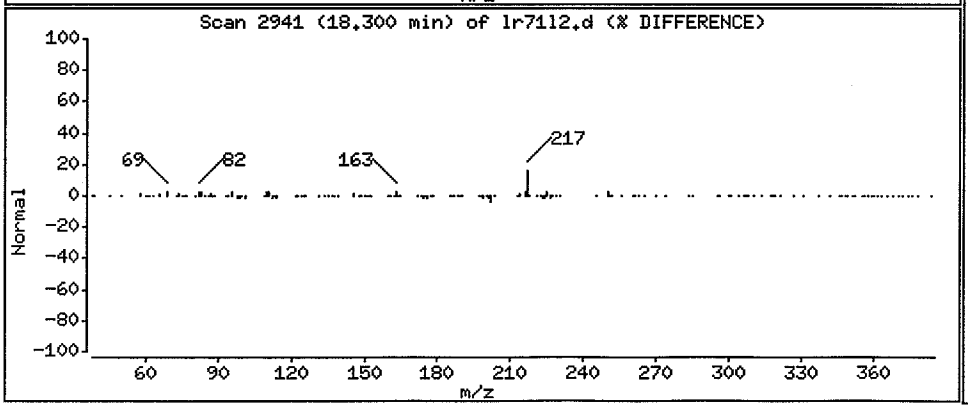
71 Chrysene

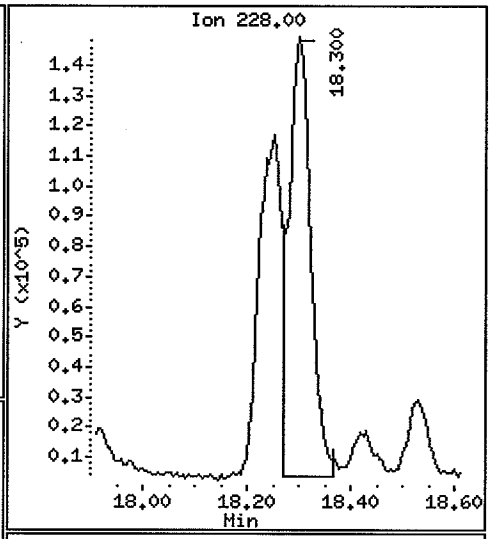
Concentration: 217.3 ug/Kg

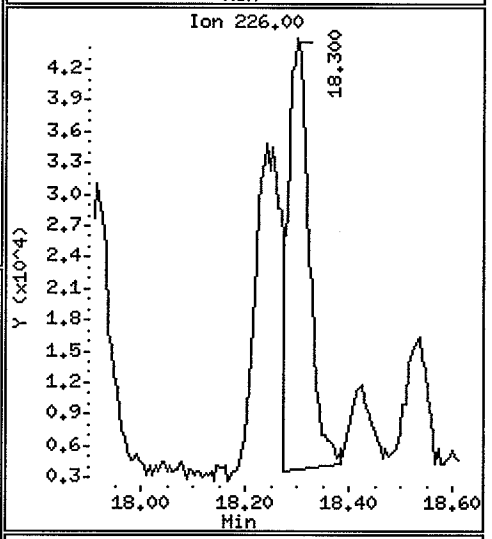


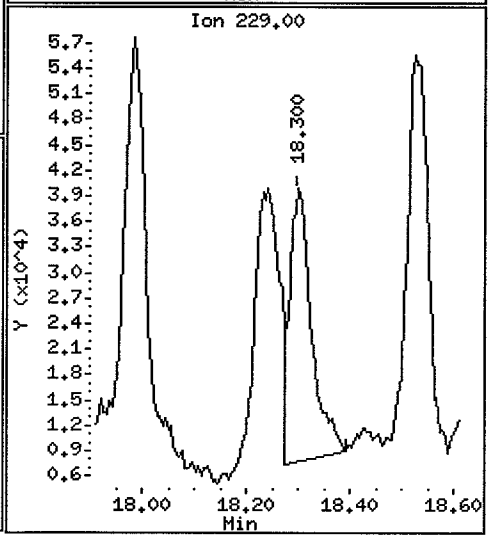












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

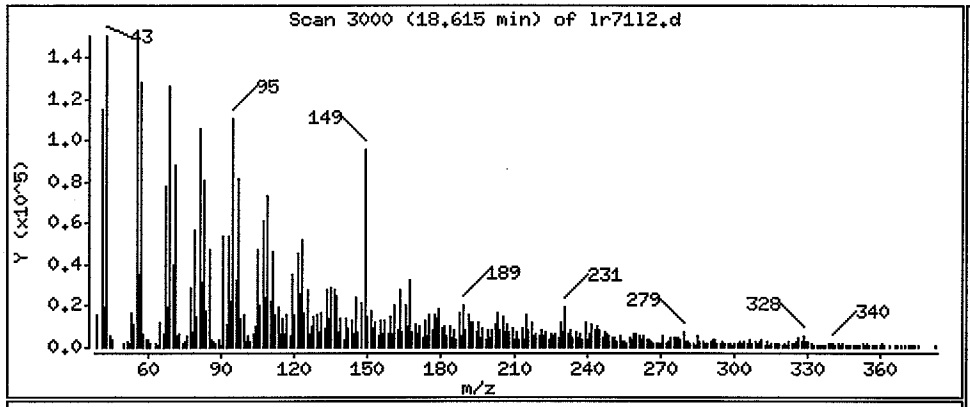
Operator: VTS

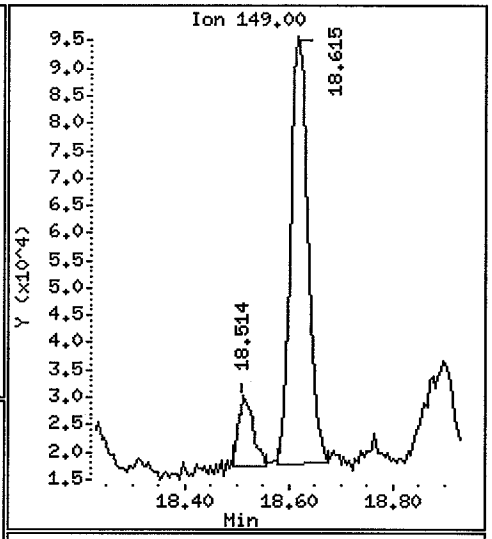
Column phase: ZB-5

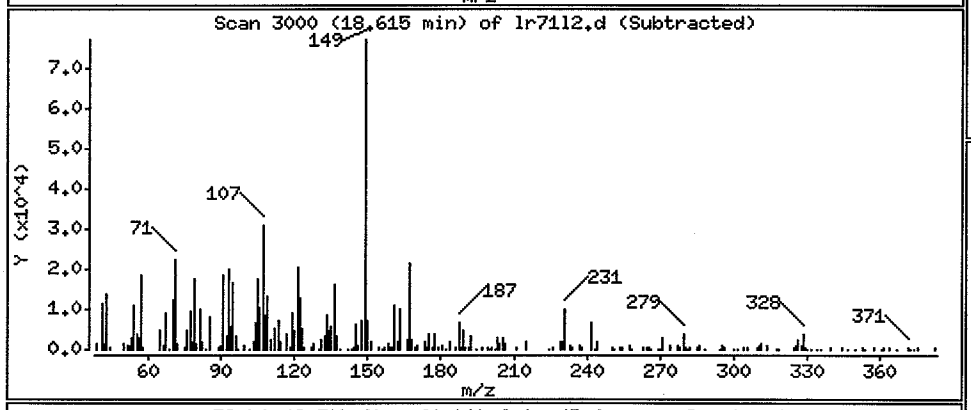
Column diameter: 0.32

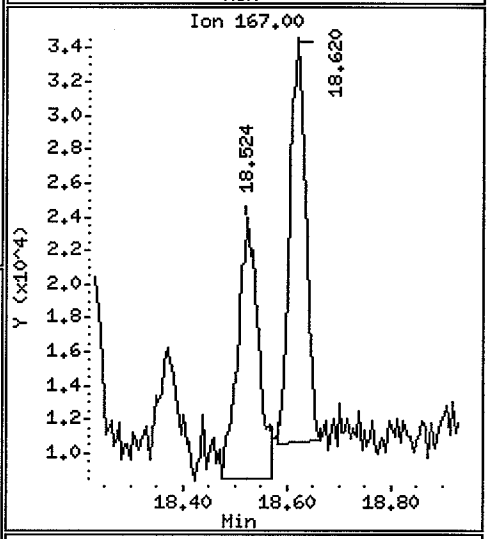
72 bis(2-Ethylhexyl)phthalate

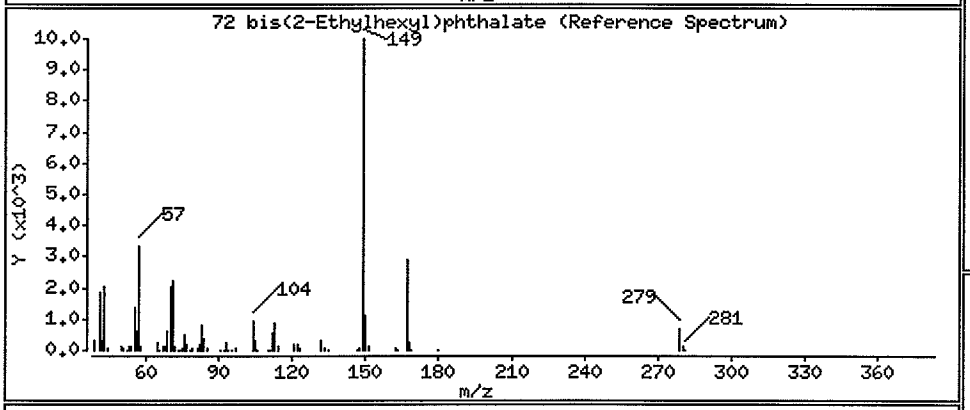
Concentration: 154.2 ug/Kg

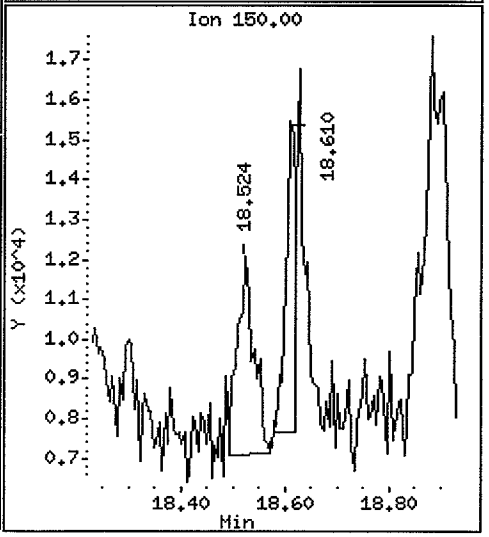


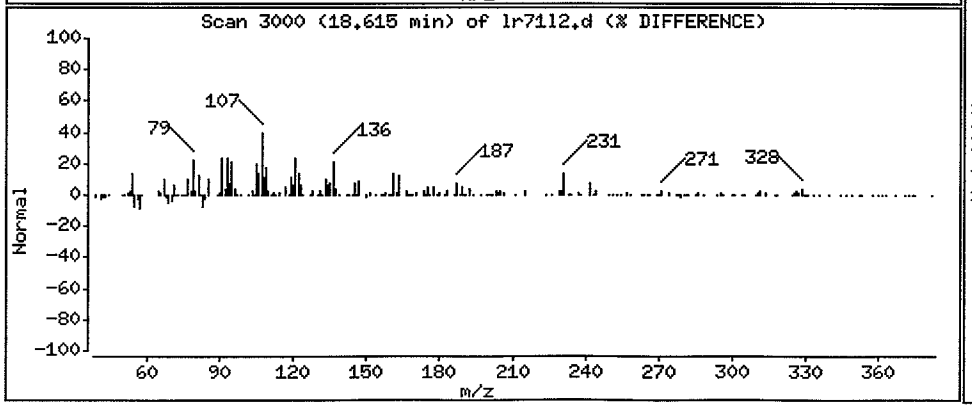












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

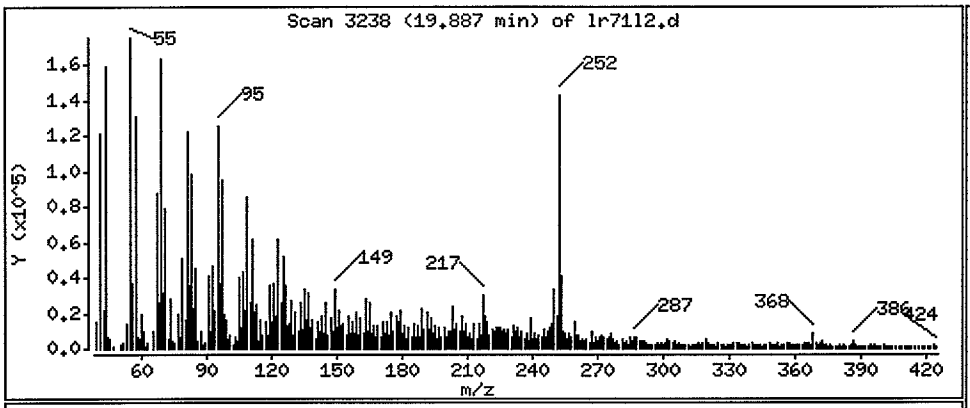
Operator: VTS

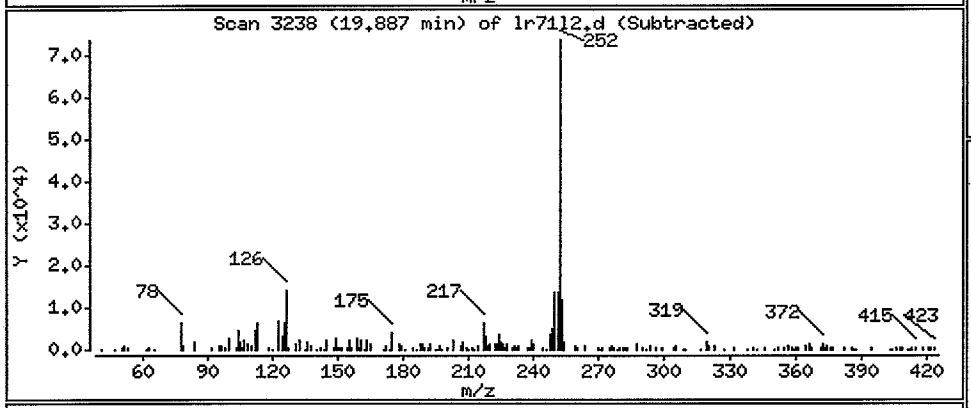
Column phase: ZB-5

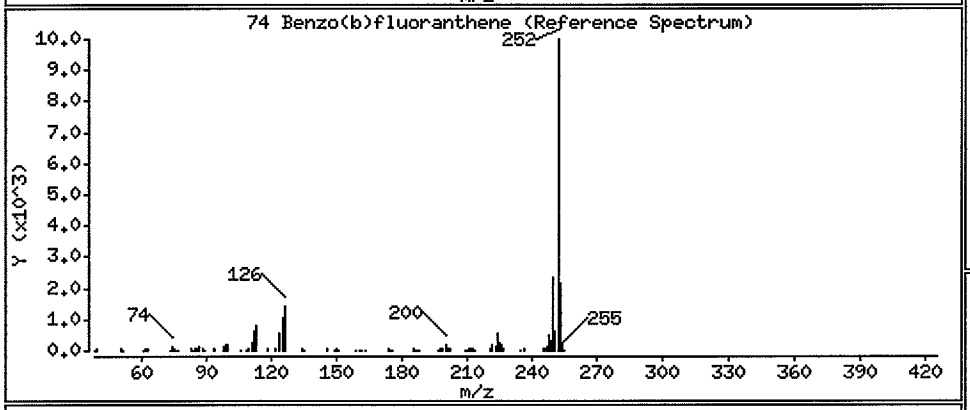
Column diameter: 0.32

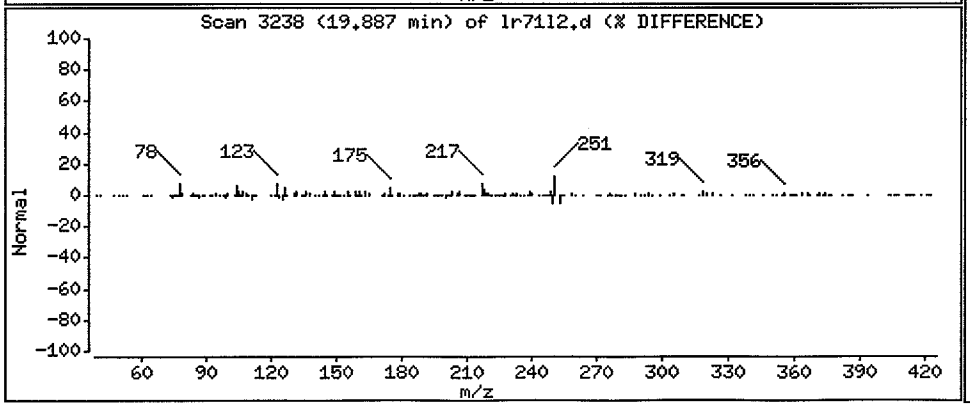
74 Benzo(b)fluoranthene

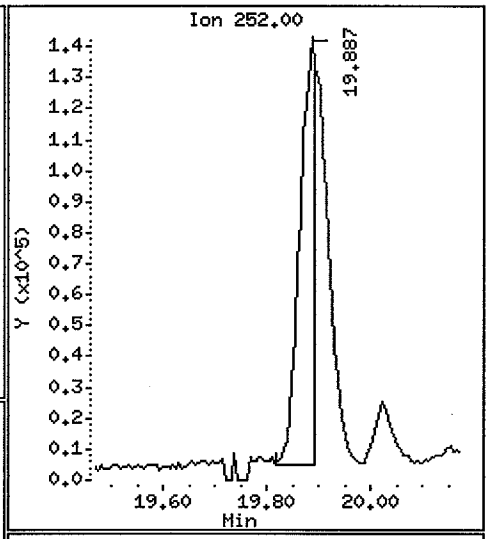
Concentration: 178.7 ug/Kg

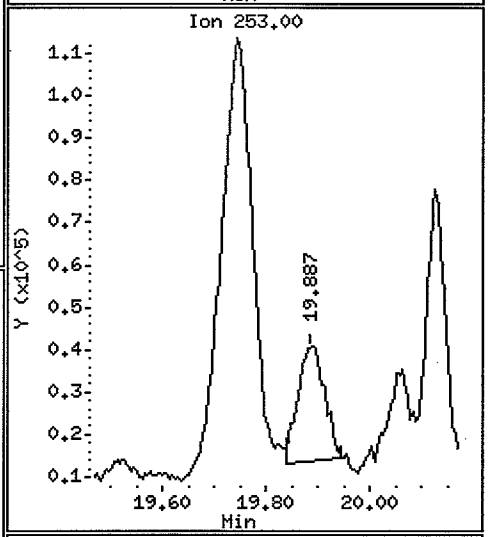


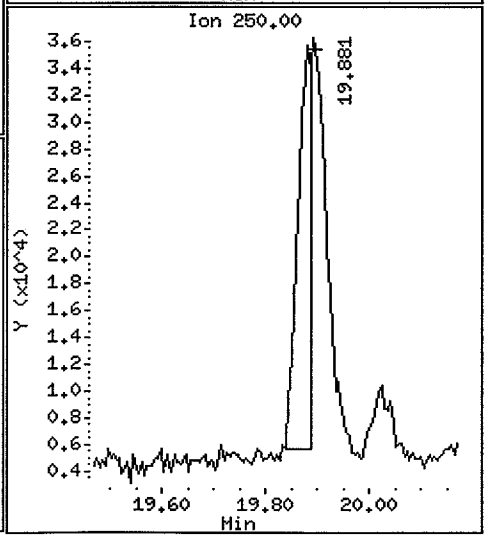












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

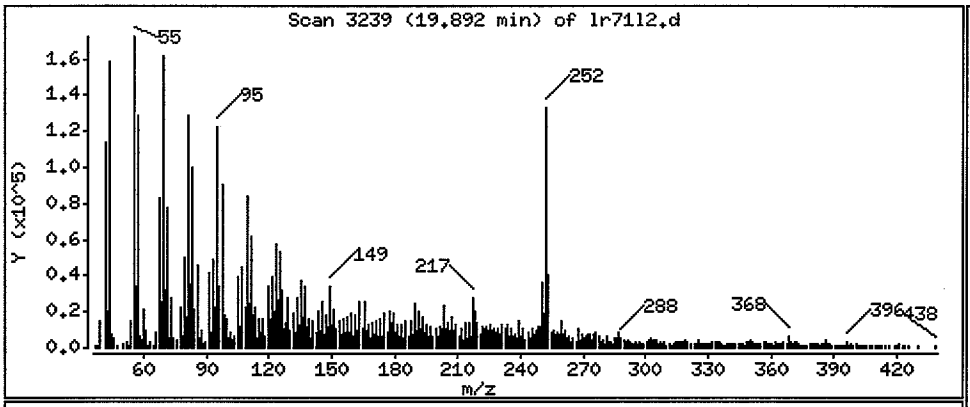
Operator: VTS

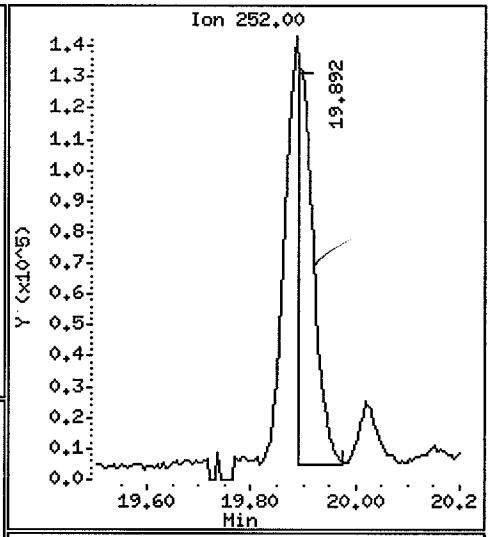
Column phase: ZB-5

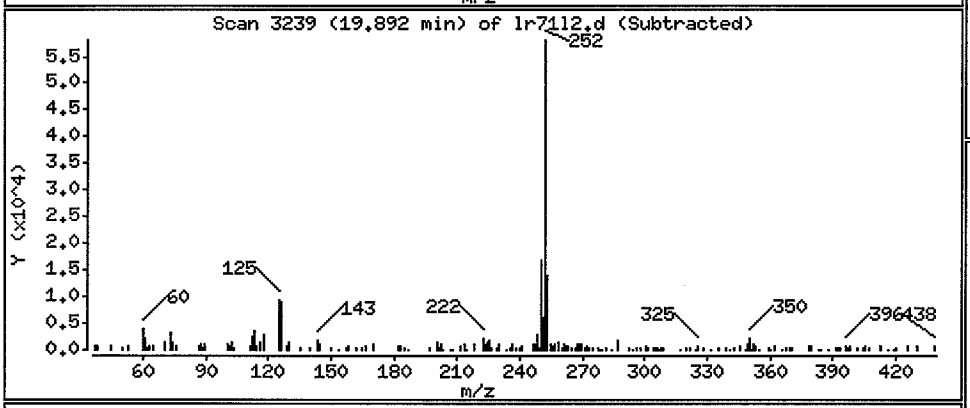
Column diameter: 0.32

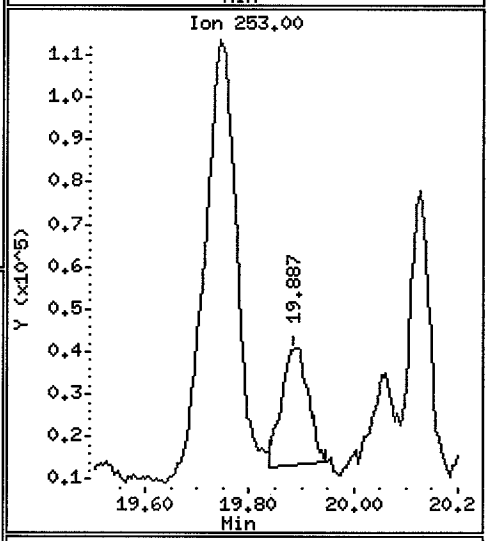
75 Benzo(k)fluoranthene

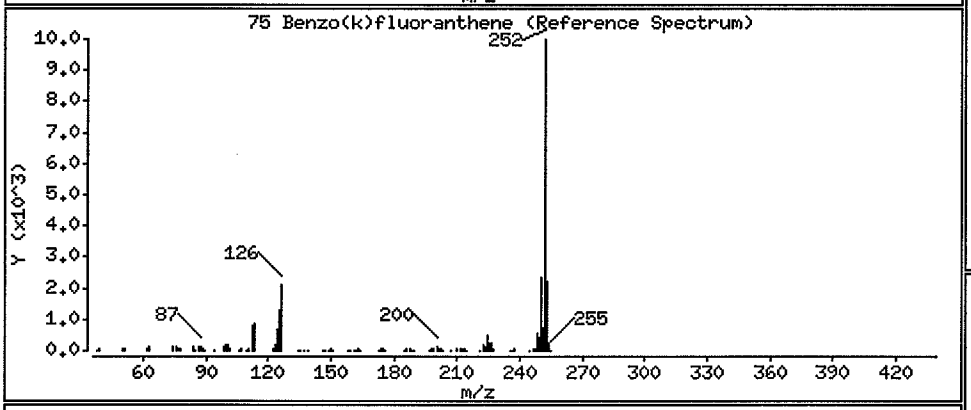
Concentration: 160.9 ug/Kg

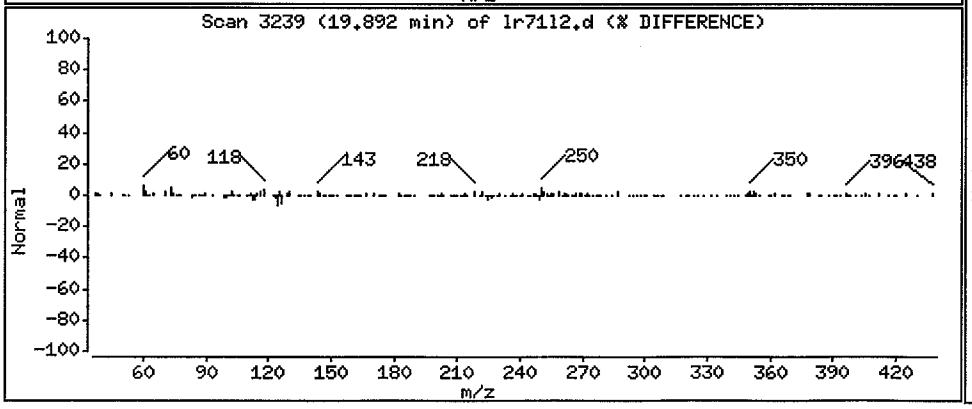


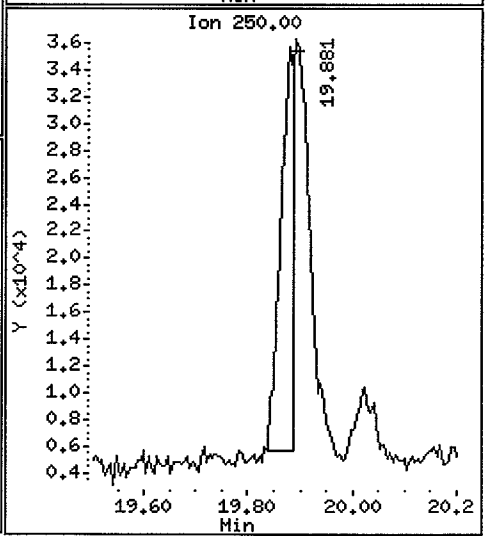












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

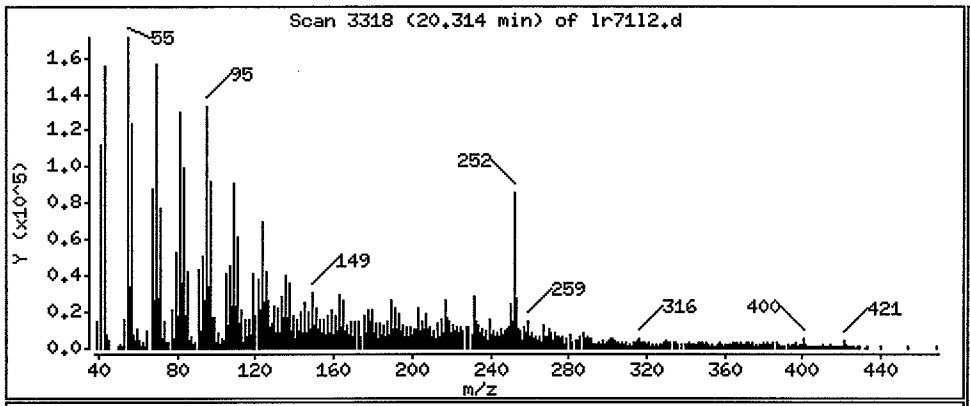
Operator: VTS

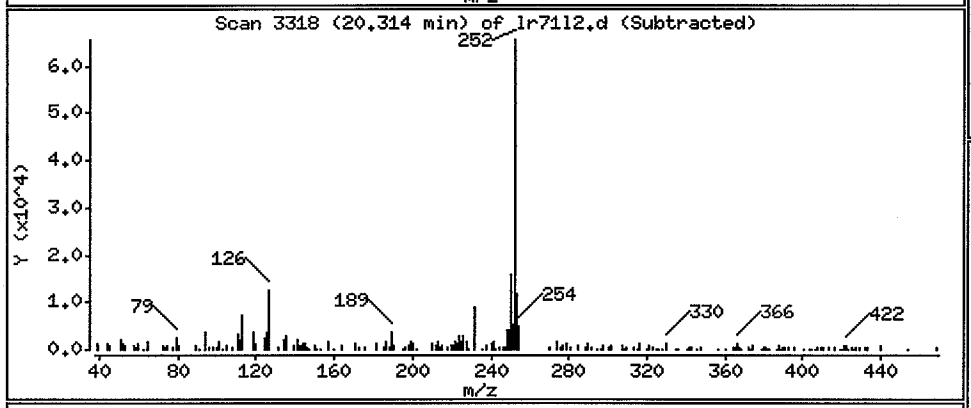
Column phase: ZB-5

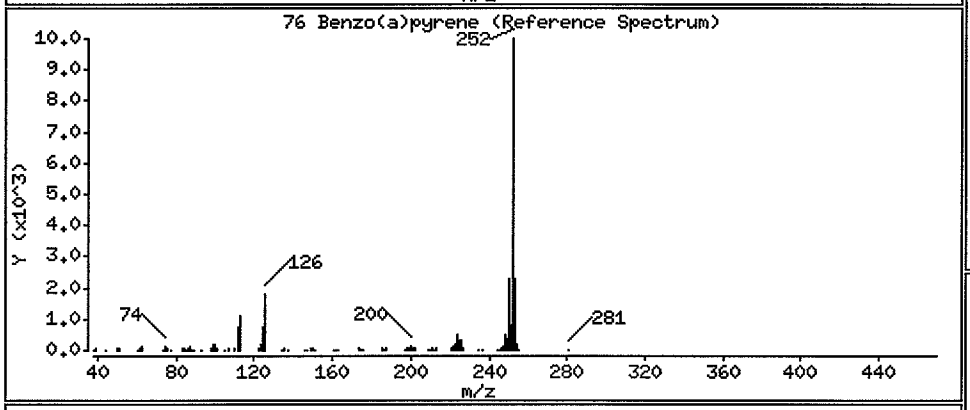
Column diameter: 0.32

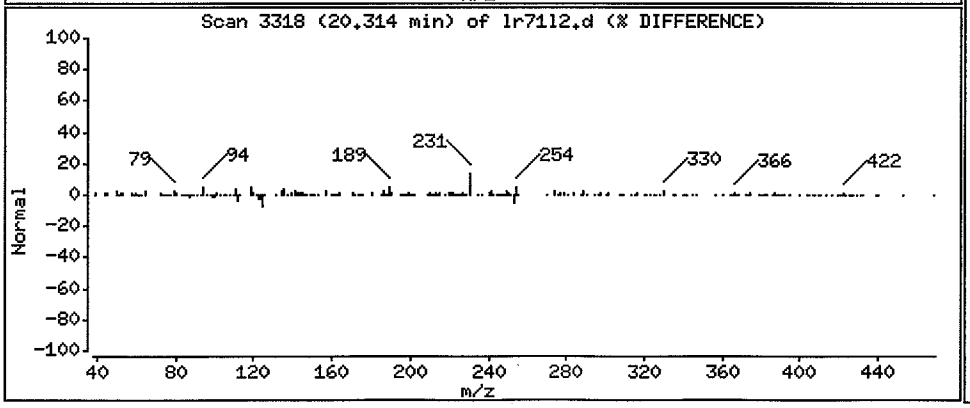
76 Benzo(a)pyrene

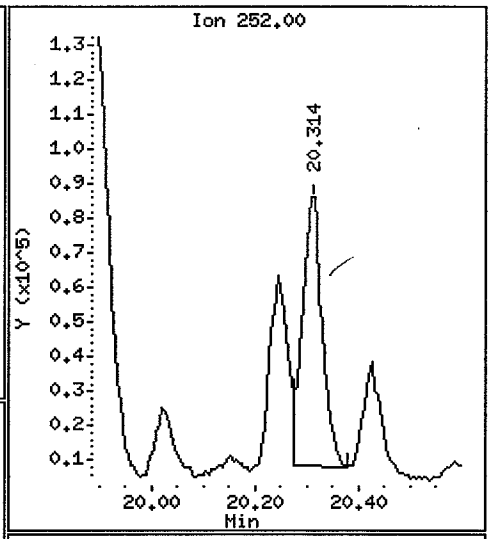
Concentration: 151.3 ug/Kg

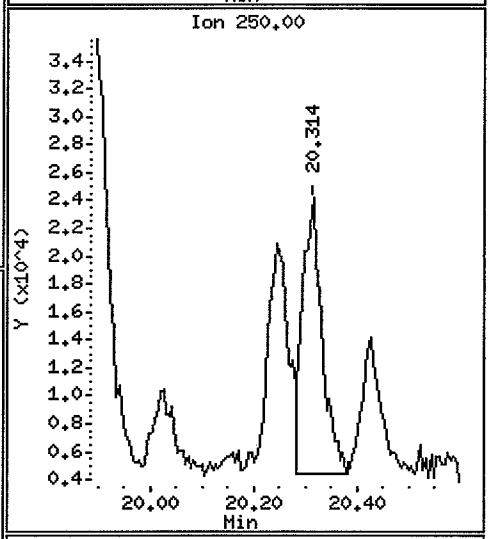


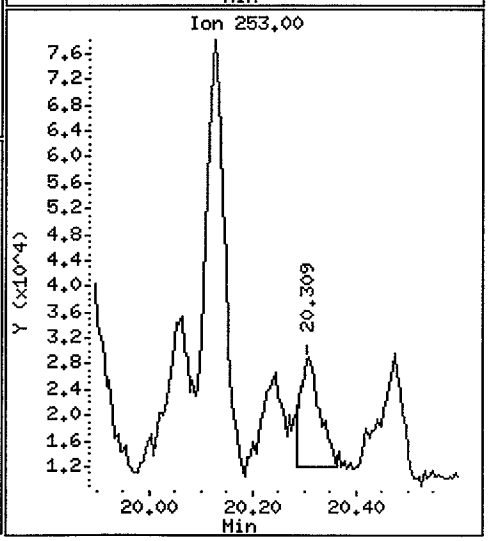












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

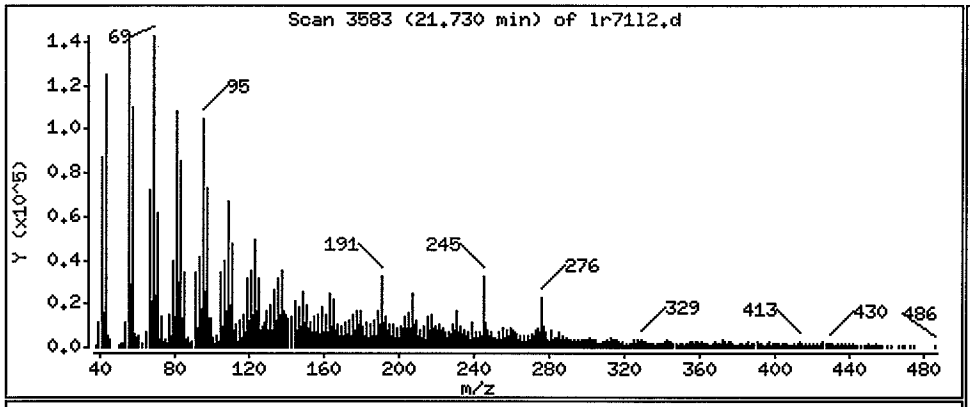
Operator: VTS

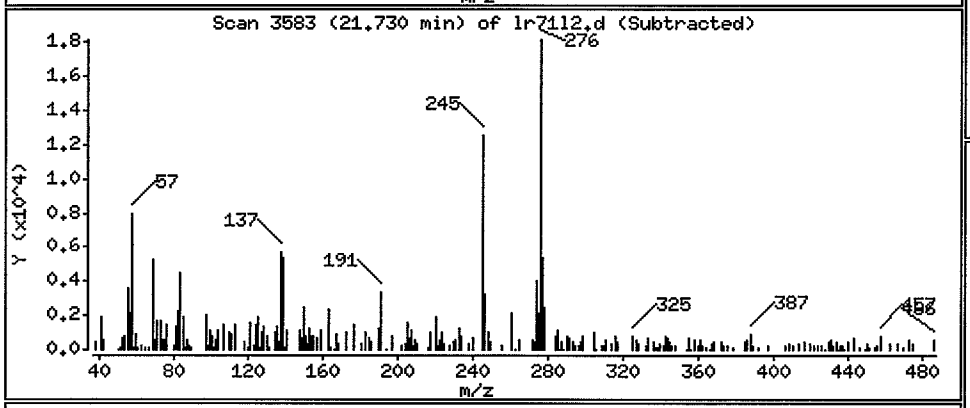
Column phase: ZB-5

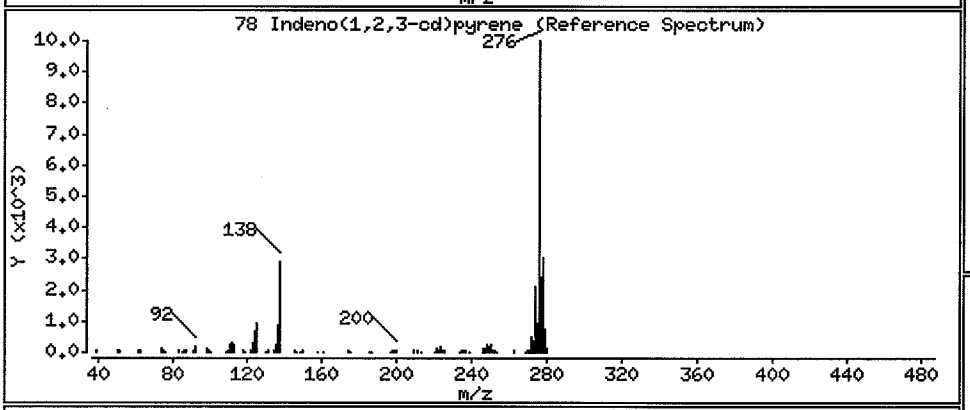
Column diameter: 0.32

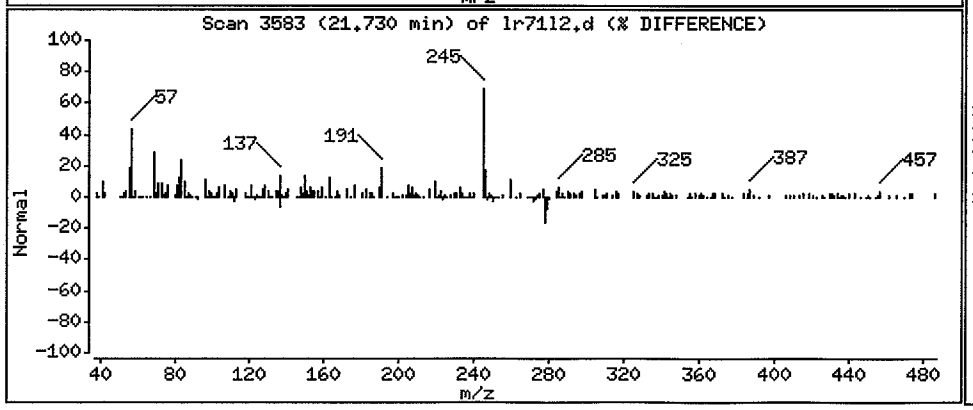
78 Indeno(1,2,3-cd)pyrene

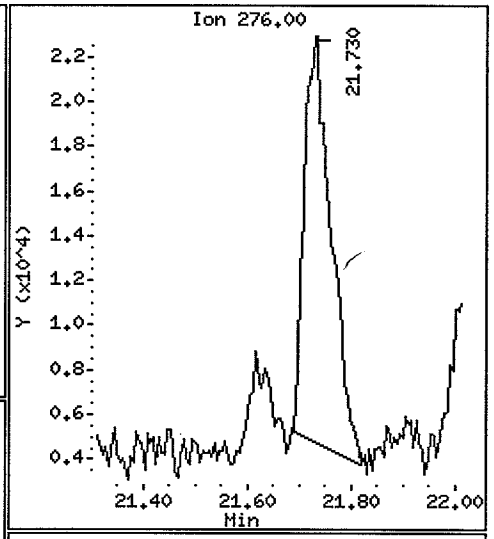
Concentration: 43.44 ug/Kg

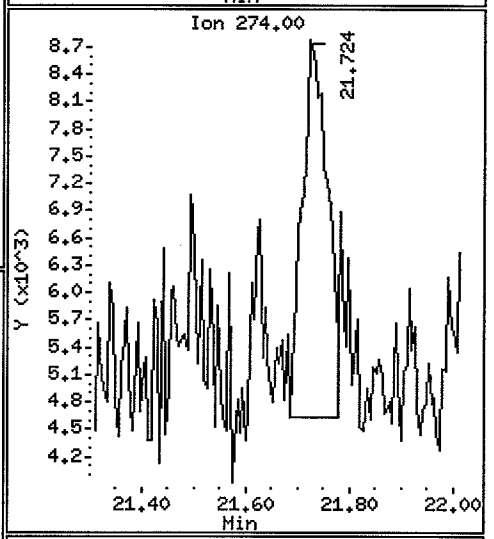


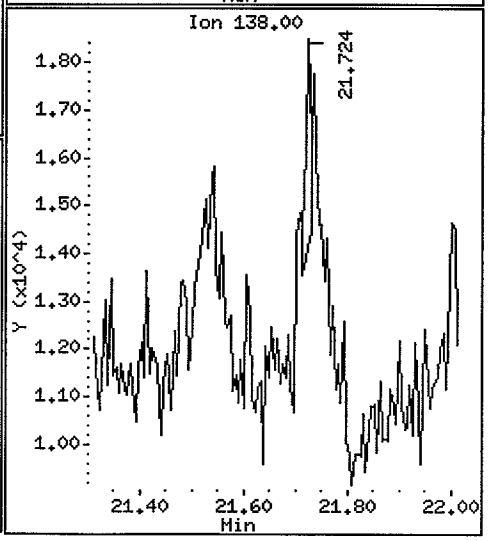












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

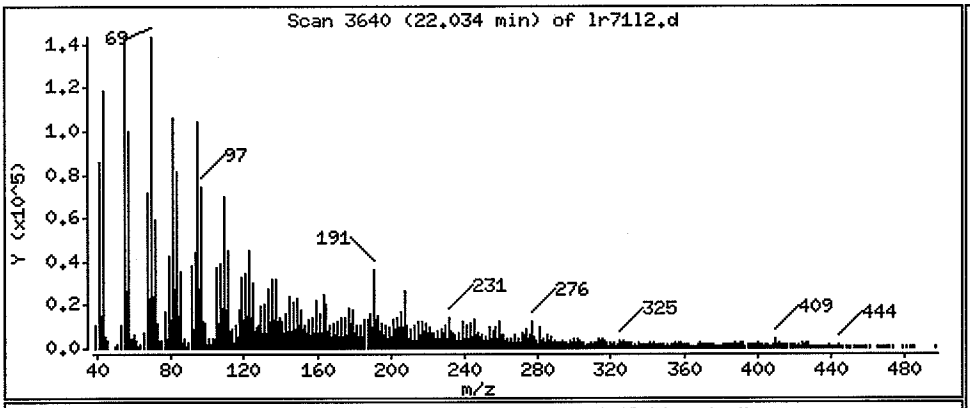
Operator: VTS

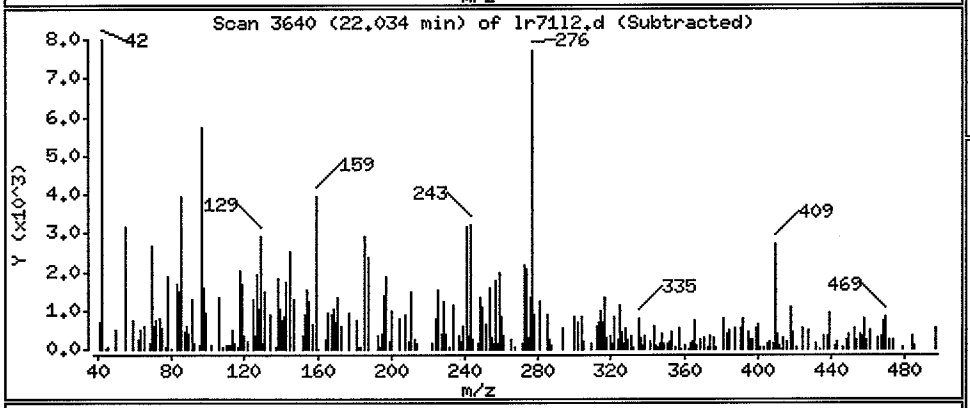
Column phase: ZB-5

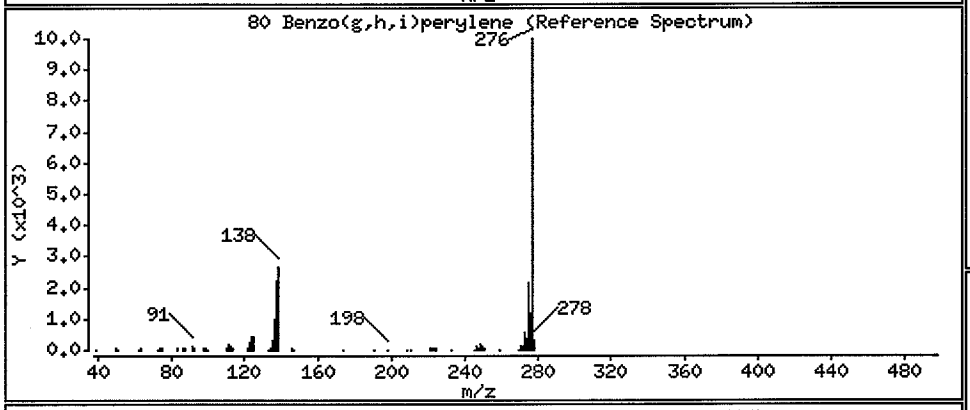
Column diameter: 0.32

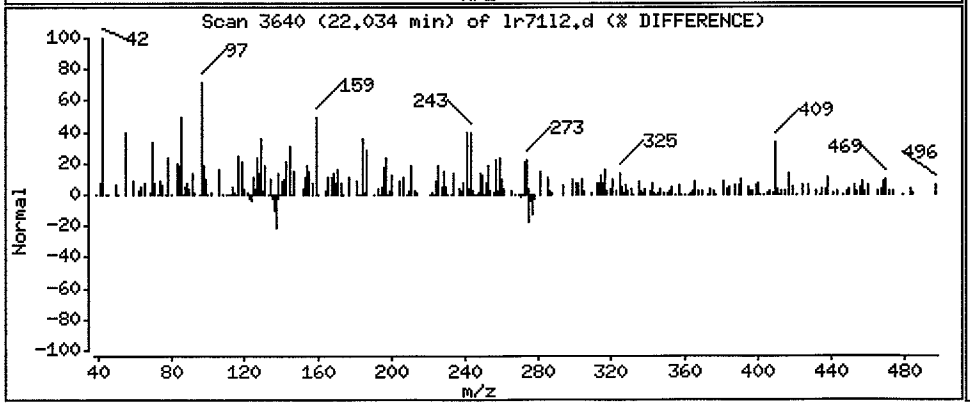
80 Benzo(g,h,i)perylene

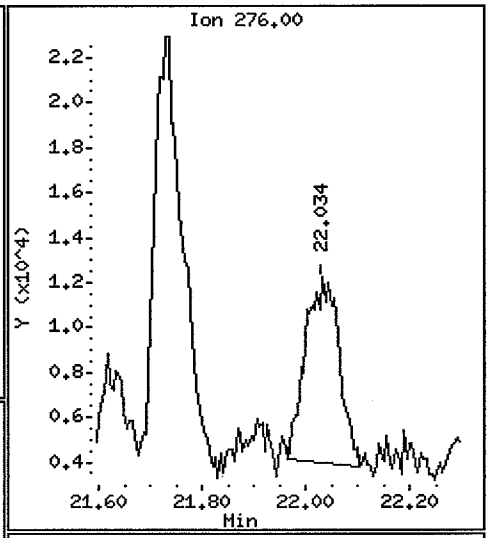
Concentration: 27.28 ug/Kg

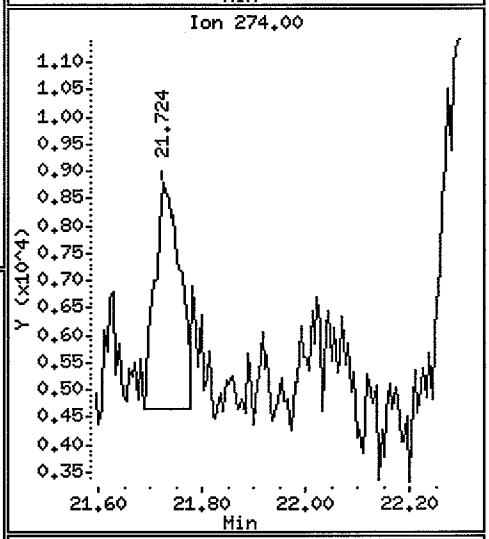


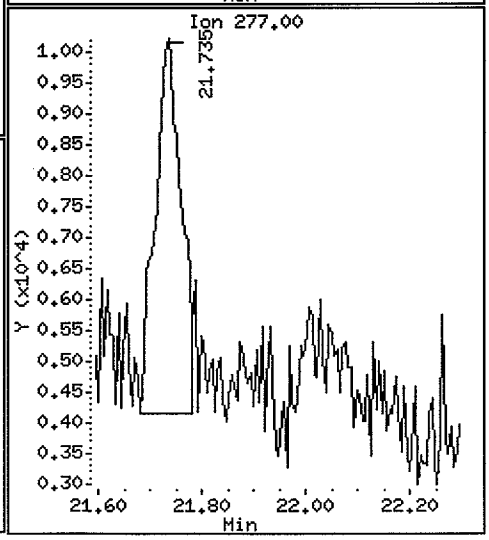












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

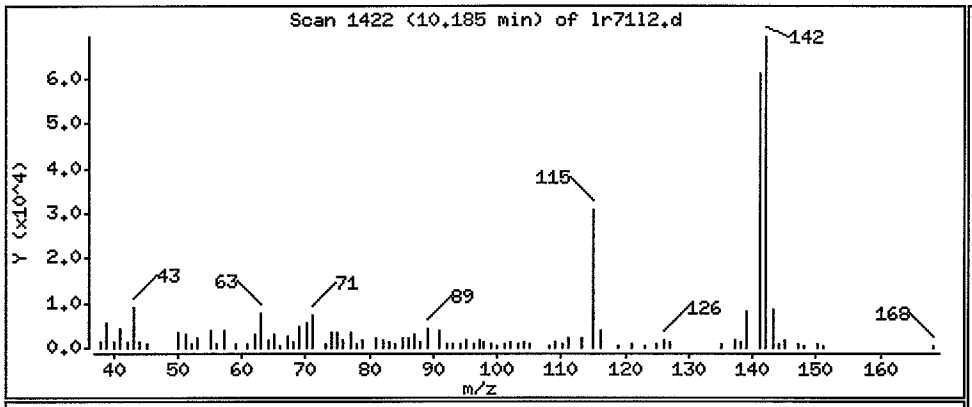
Operator: VTS

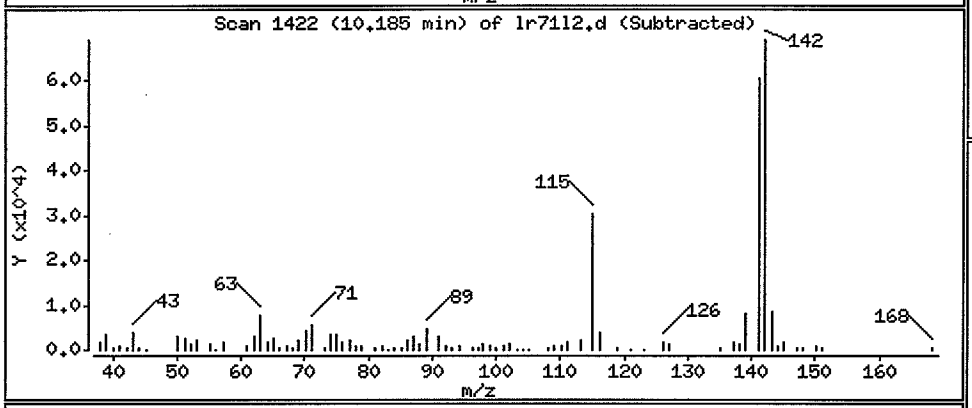
Column phase: ZB-5

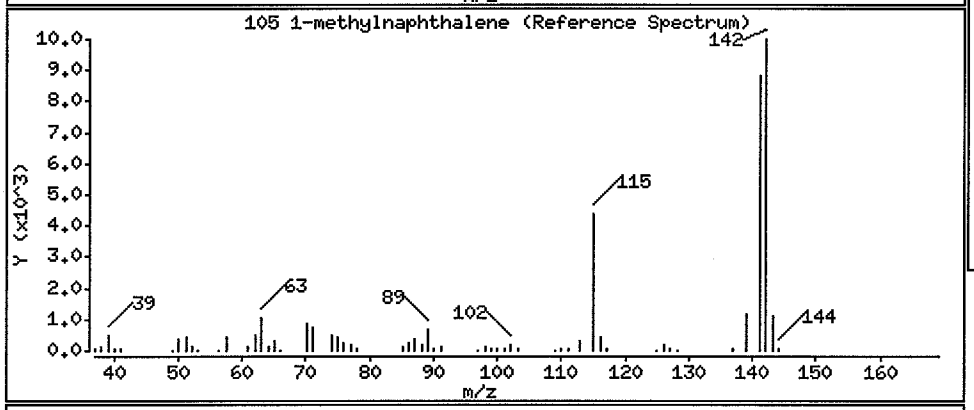
Column diameter: 0.32

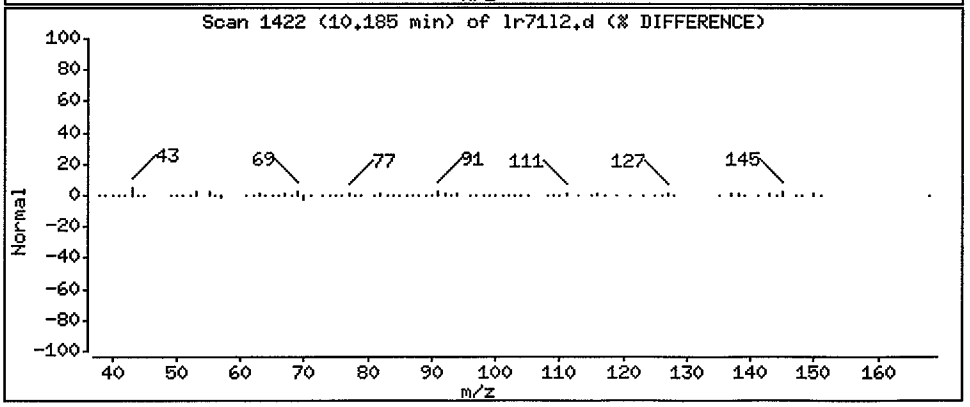
105 1-methylnaphthalene

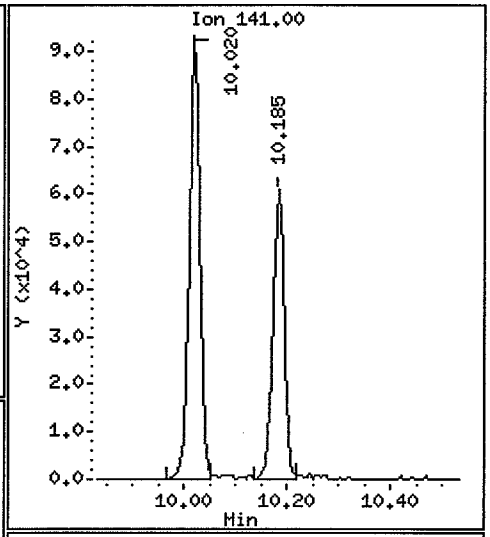
Concentration: 96.19 ug/Kg

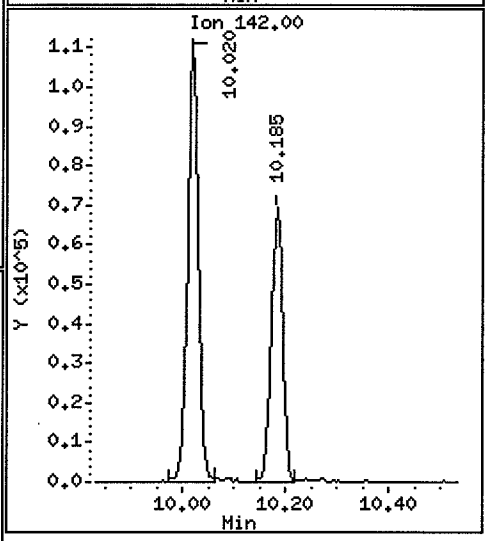












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

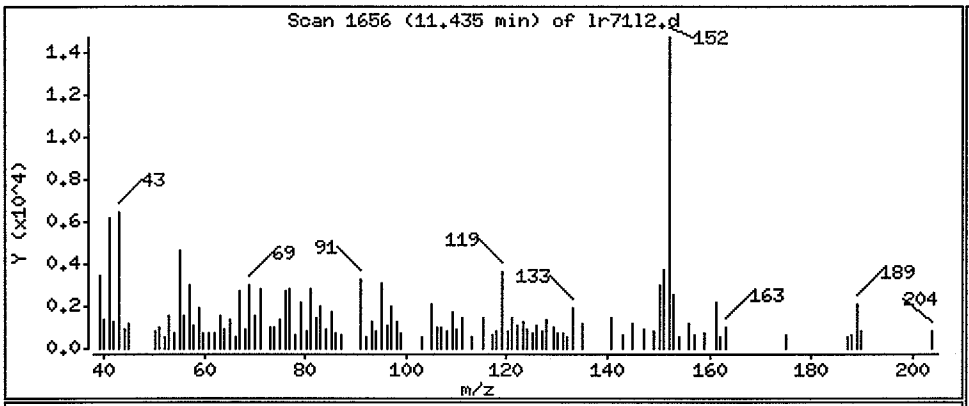
Operator: VTS

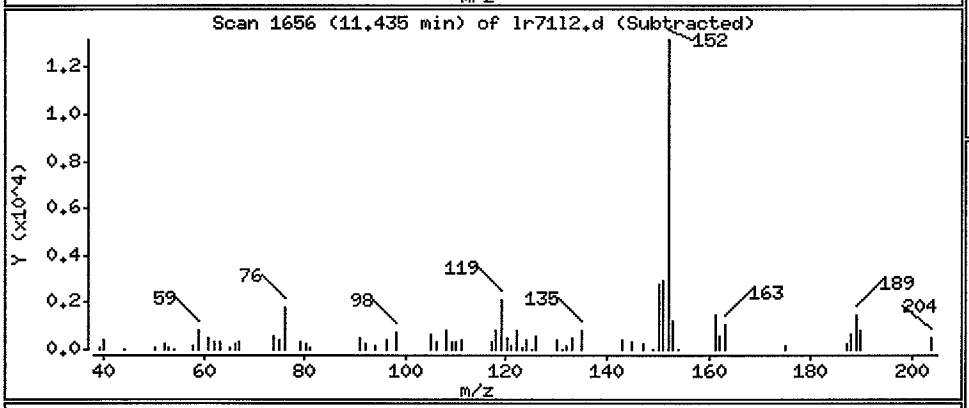
Column phase: ZB-5

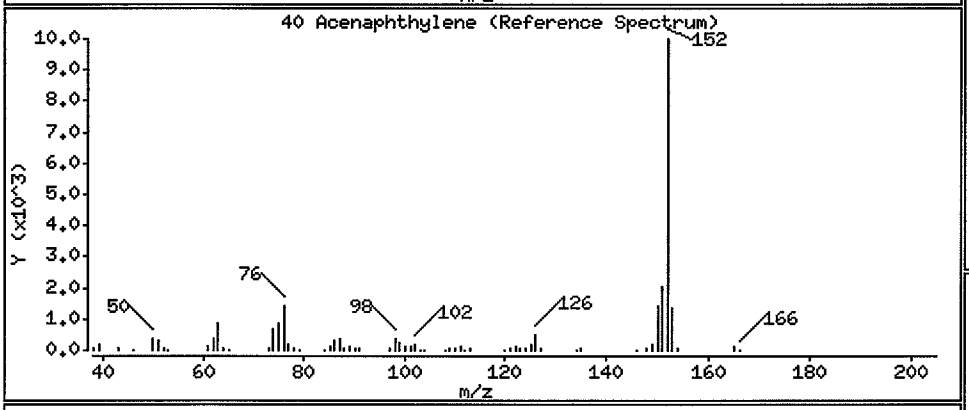
Column diameter: 0.32

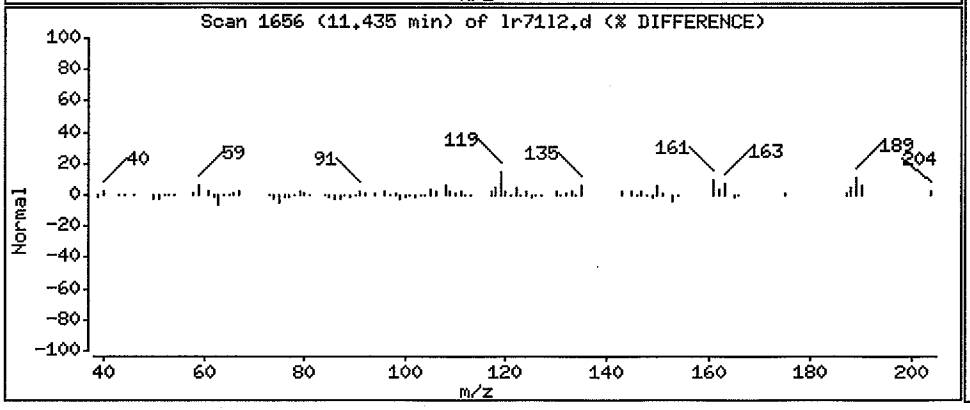
40 Acenaphthylene

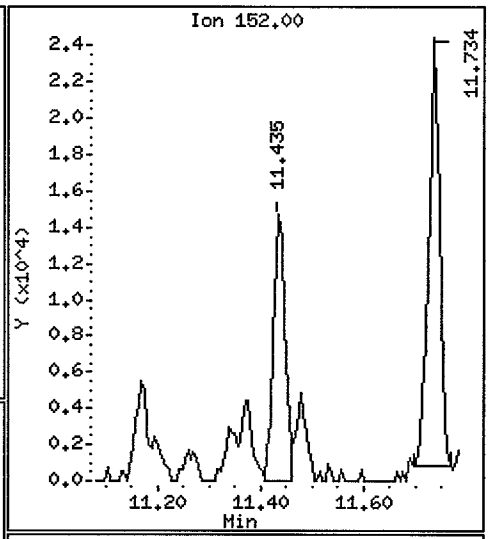
Concentration: 14.68 ug/Kg

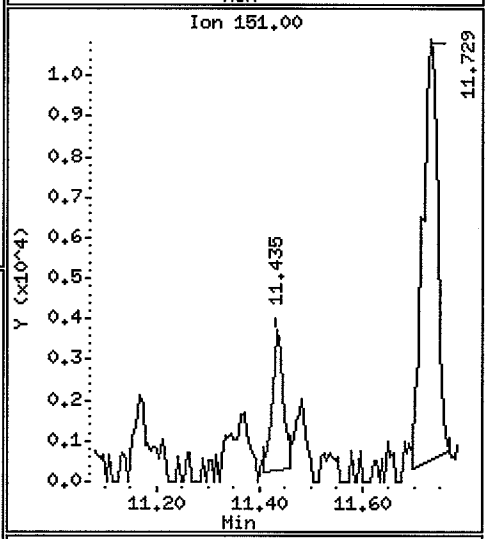


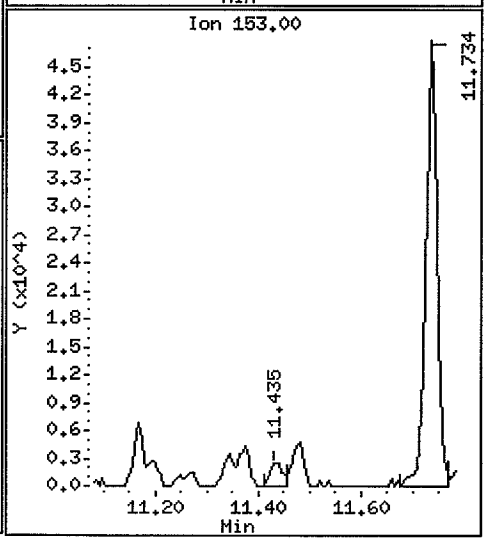












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

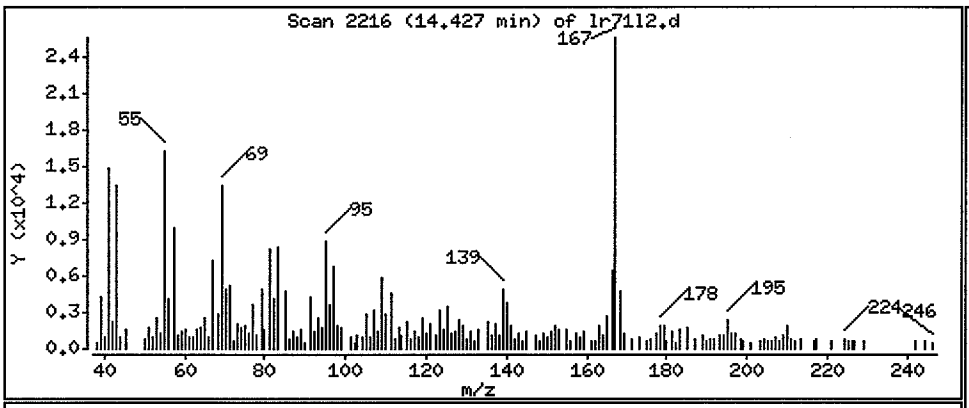
Operator: VTS

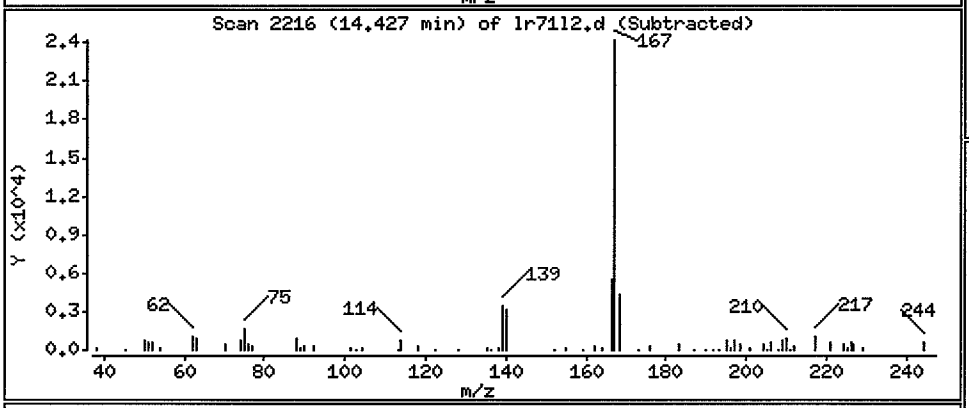
Column phase: ZB-5

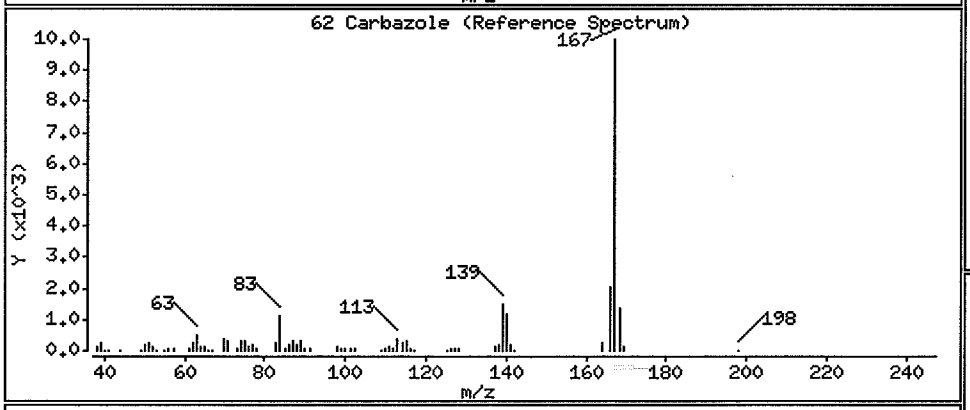
Column diameter: 0.32

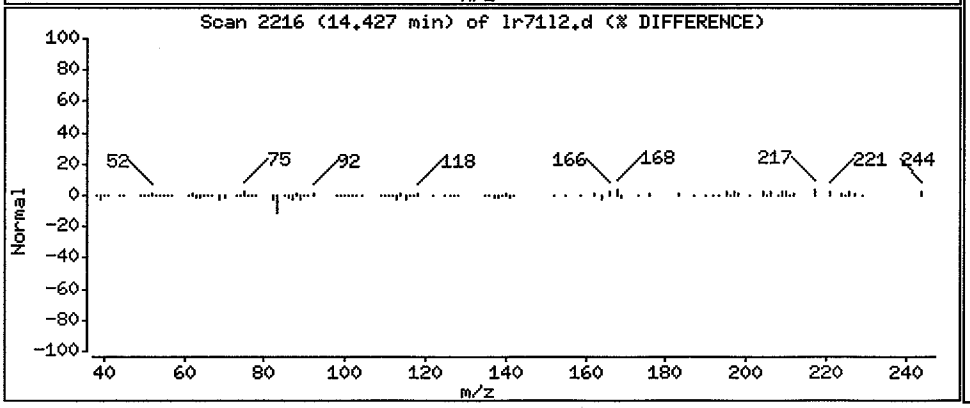
62 Carbazole

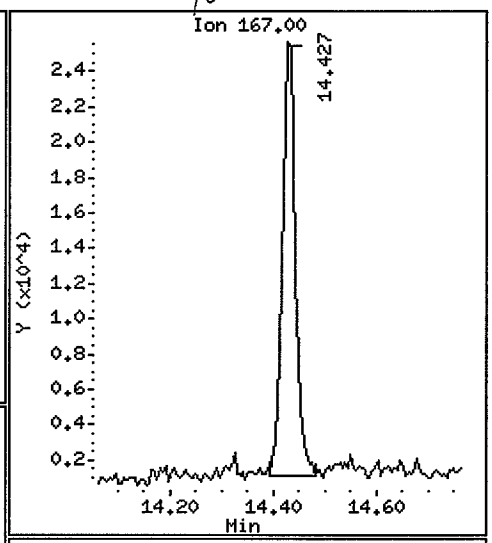
Concentration: 29.51 ug/Kg

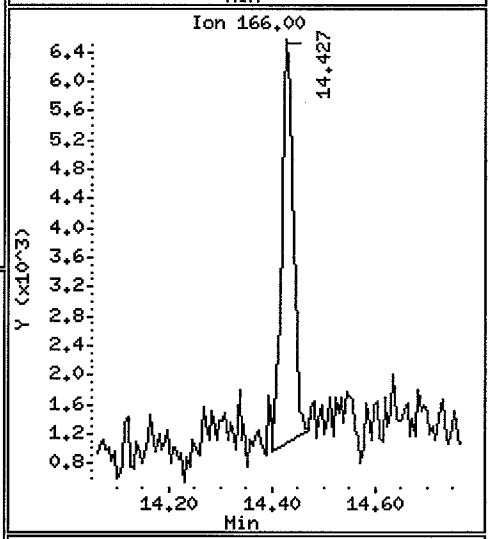


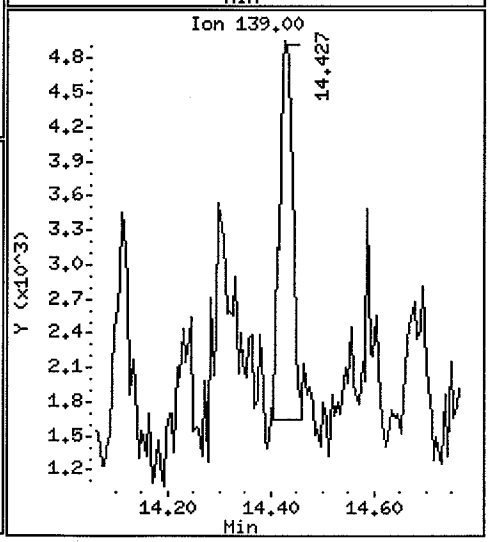












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

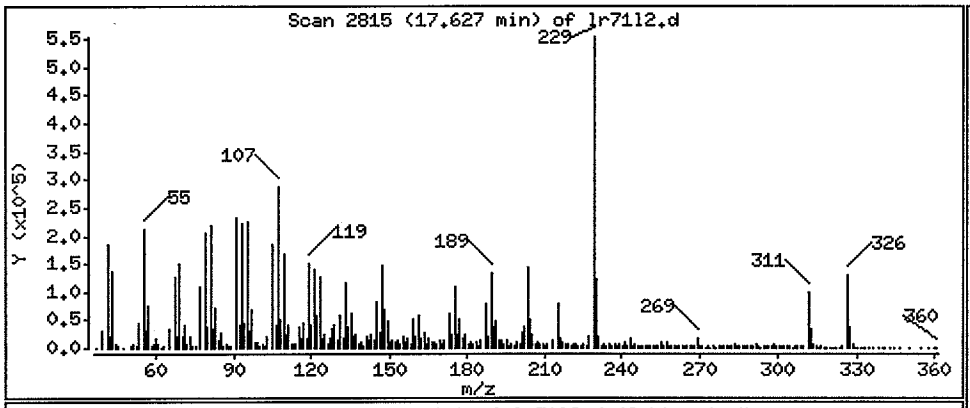
Operator: VTS

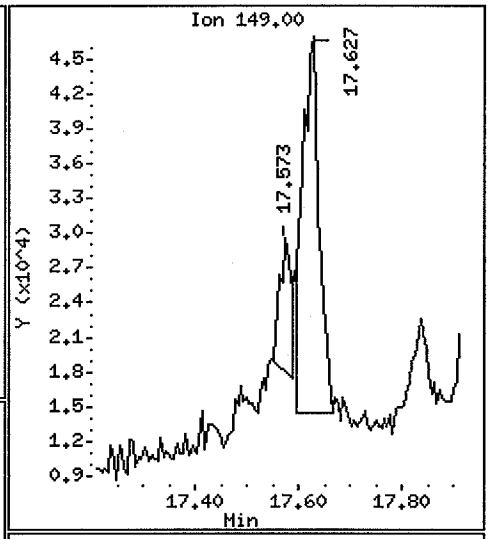
Column phase: ZB-5

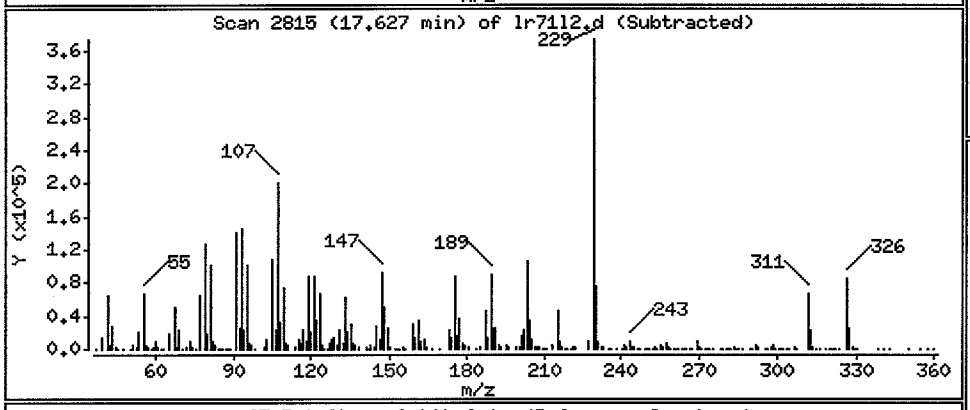
Column diameter: 0.32

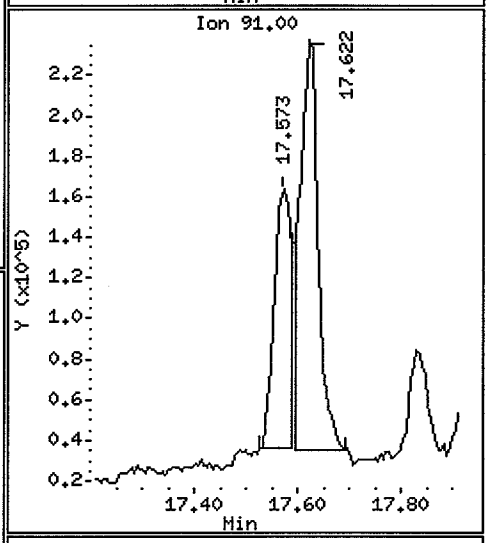
67 Butylbenzylphthalate

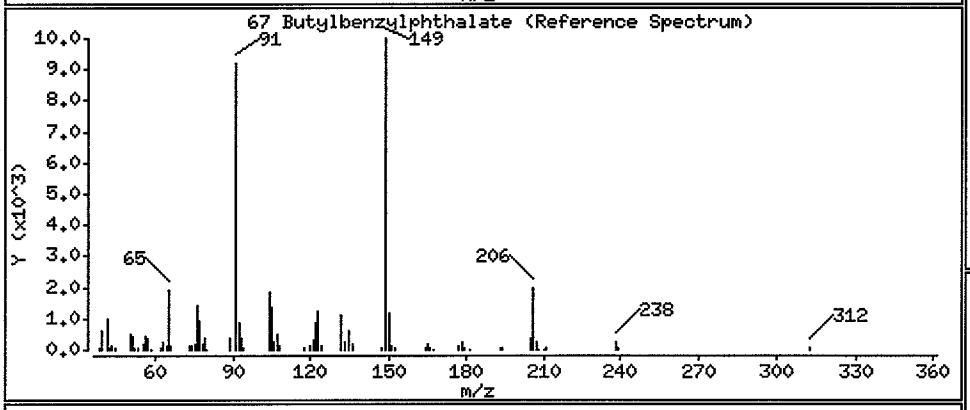
Concentration: 81.24 ug/Kg

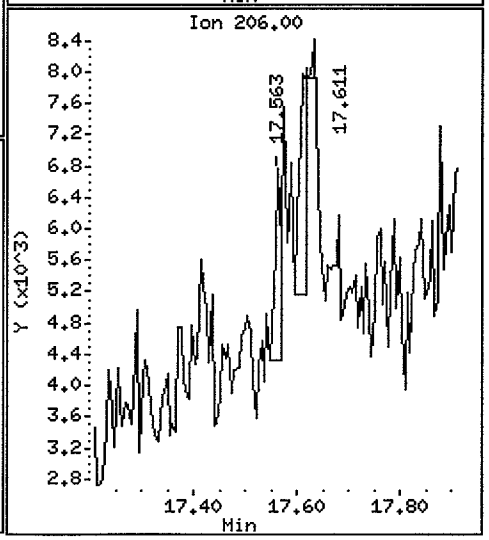


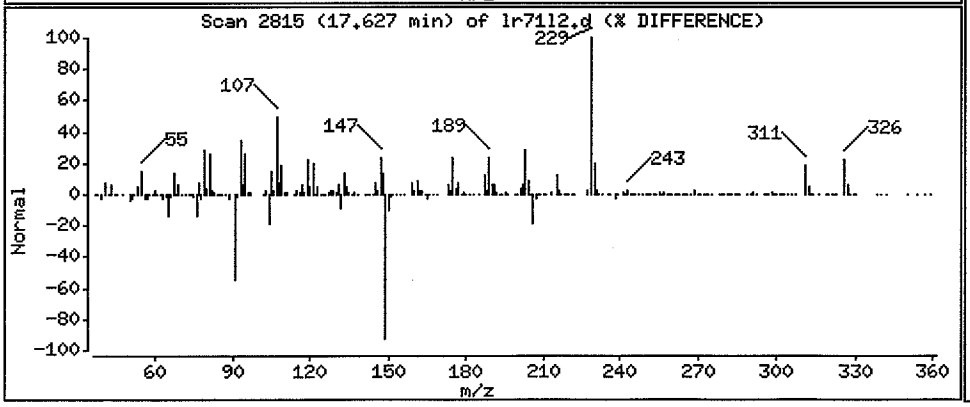












Data File: /chem3/nt4.i/20071101.b/lr7112.d

Date : 01-NOV-2007 22:54

Client ID:

Instrument: nt4.i

Sample Info: LR71LRE

Volume Injected (uL): 1.0

Operator: VTS

Column phase: ZB-5

Column diameter: 0.32

79 Dibenzo(a,h)anthracene

Concentration: 16.78 ug/Kg

