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							
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.

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													
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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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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: 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							
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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

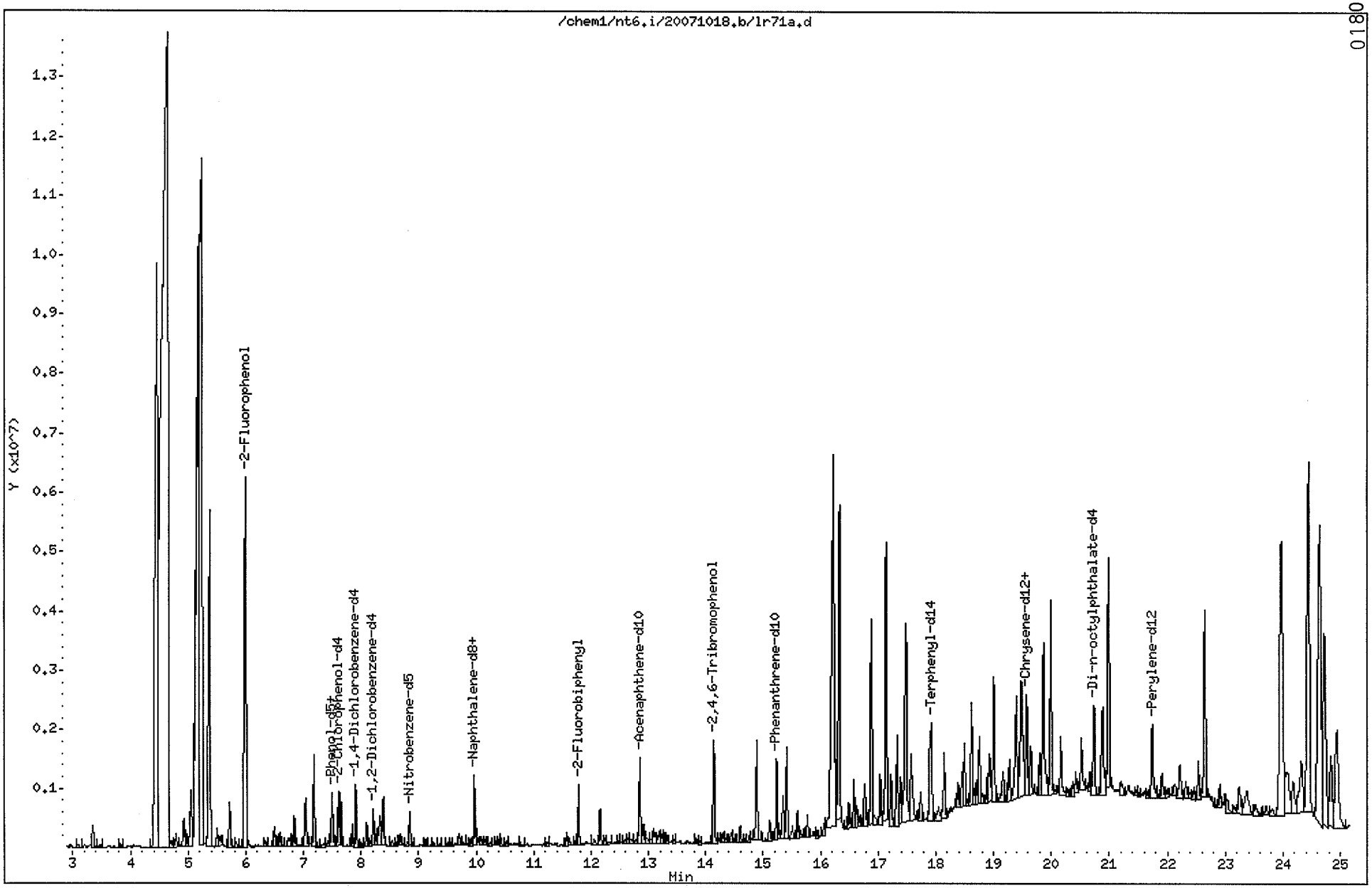
Client Name: Anchor
Sample Matrix: SOLID
Lab Smp Id: LR71A
Level: LOW
Data Type: MS DATA
SpikeList File: PSDDALCS.spk
Sublist File: PSDDA.sub
Method File: /chem1/nt6.i/20071018.b/SW846.m
Misc Info: 07-20766

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

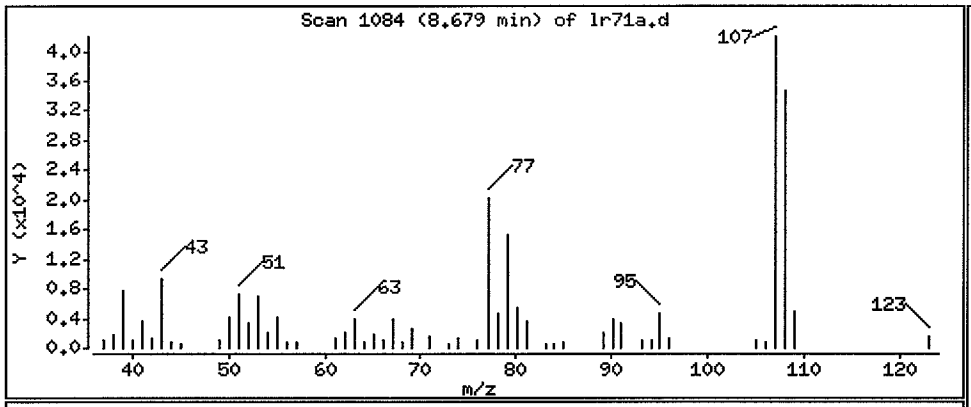
Client ID: AN-SS-01-070927 Instrument: nt6.i

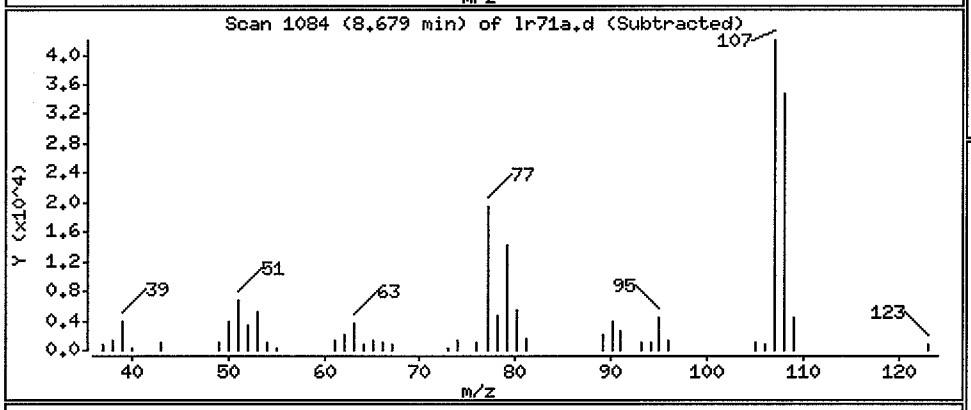
Sample Info: LR71A

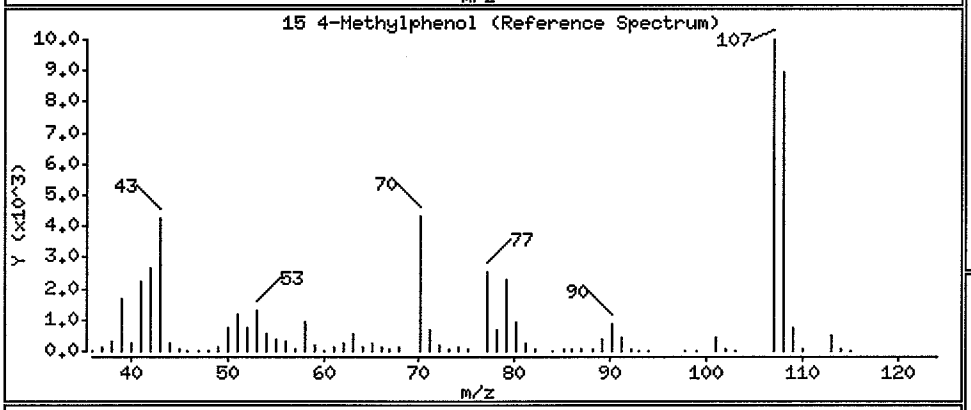
Volume Injected (uL): 1.0 Operator: LJR/VTS

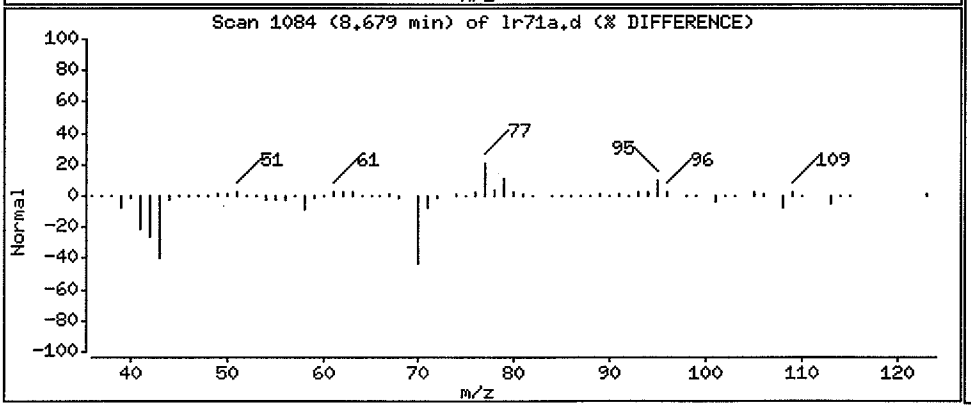
Column phase: ZB-5 Column diameter: 0.32

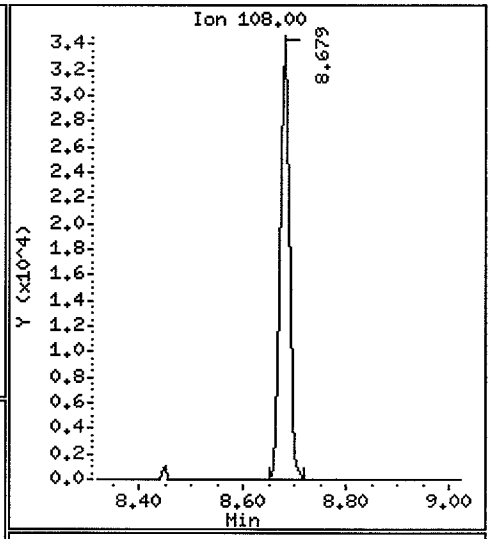
15 4-Methylphenol Concentration: 62.47 ug/kg

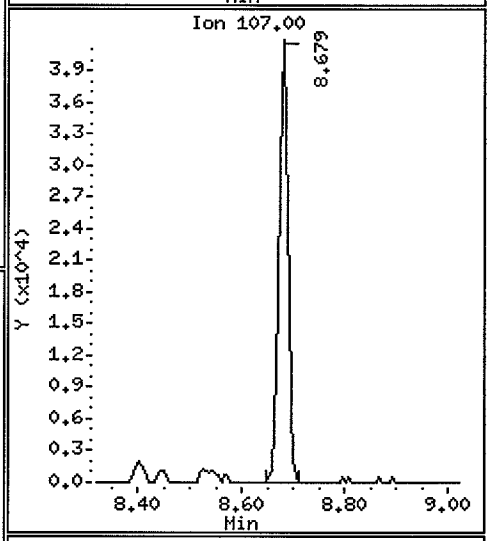


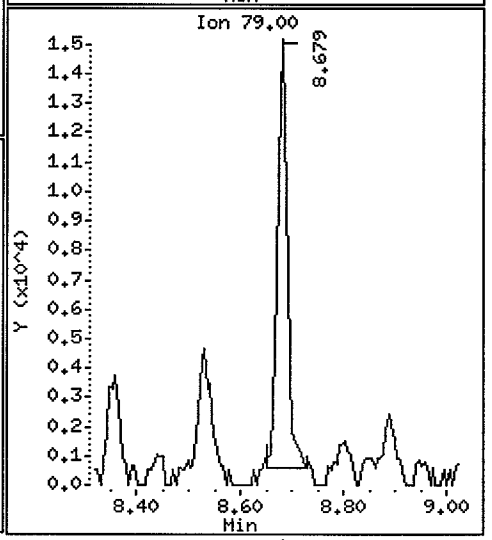












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

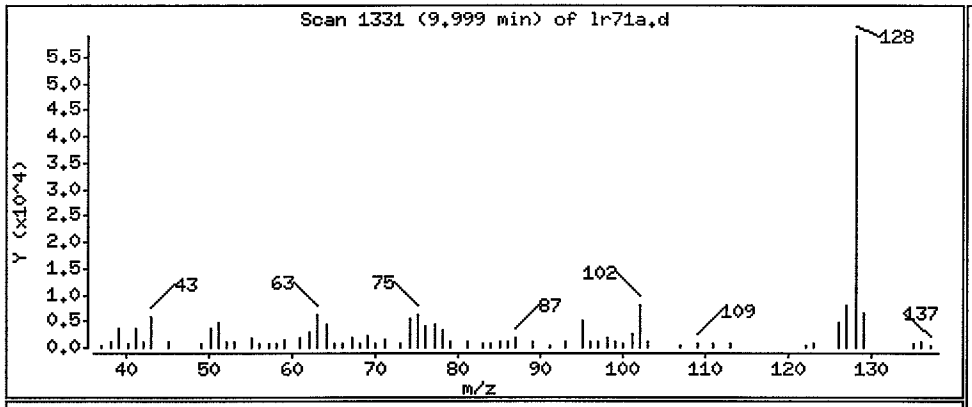
Client ID: AN-SS-01-070927 Instrument: nt6.i

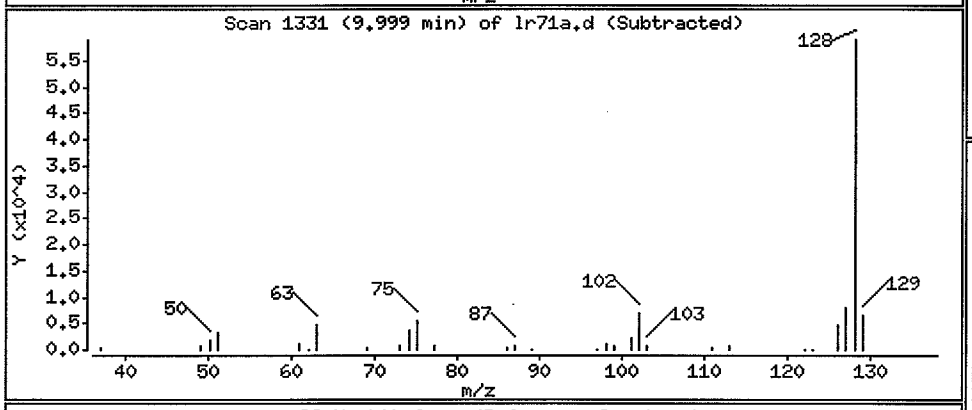
Sample Info: LR71A

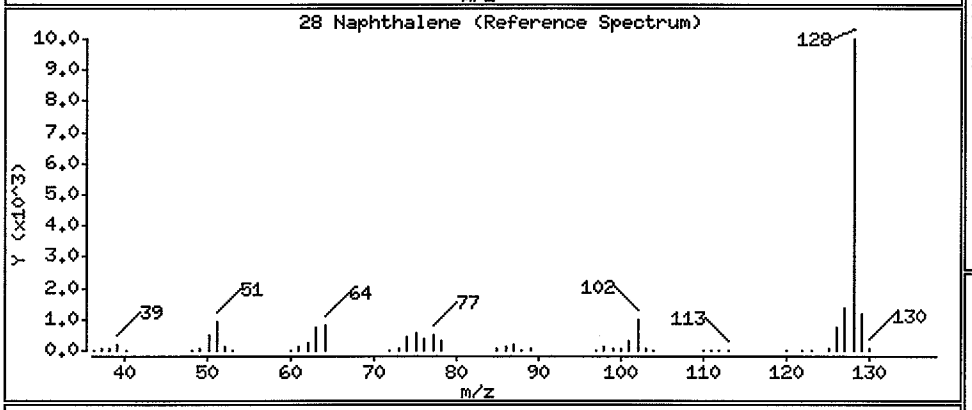
Volume Injected (uL): 1.0 Operator: LJR/VTS

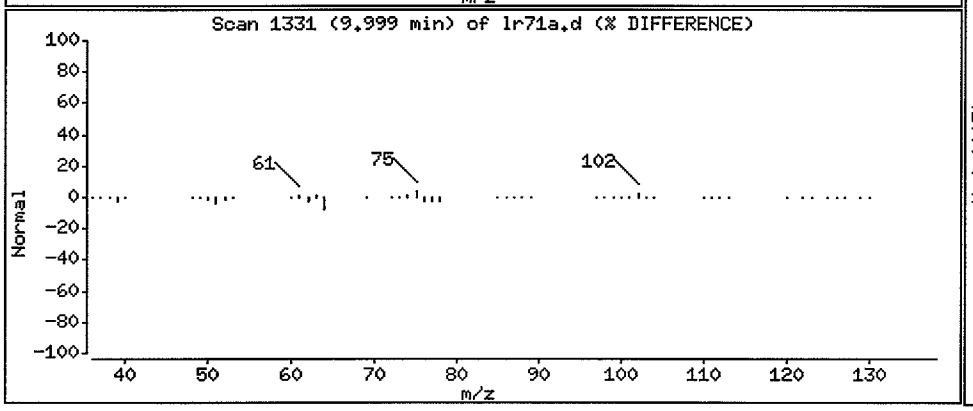
Column phase: ZB-5 Column diameter: 0.32

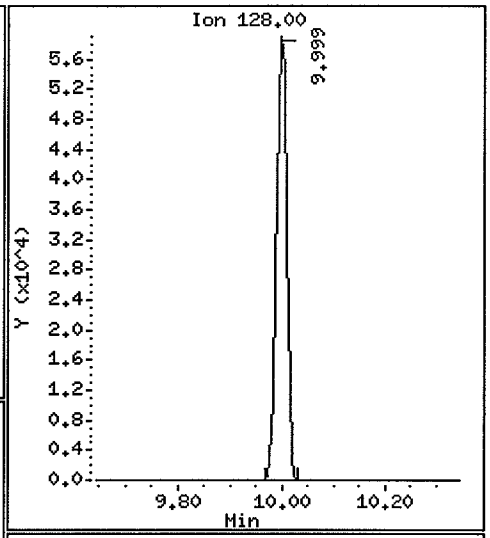
28 Naphthalene Concentration: 42.28 ug/kg

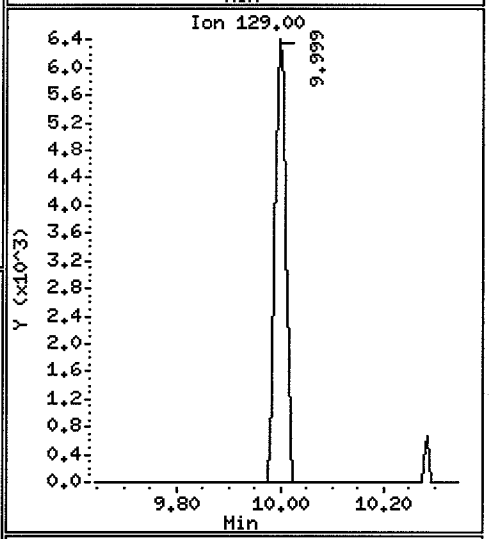


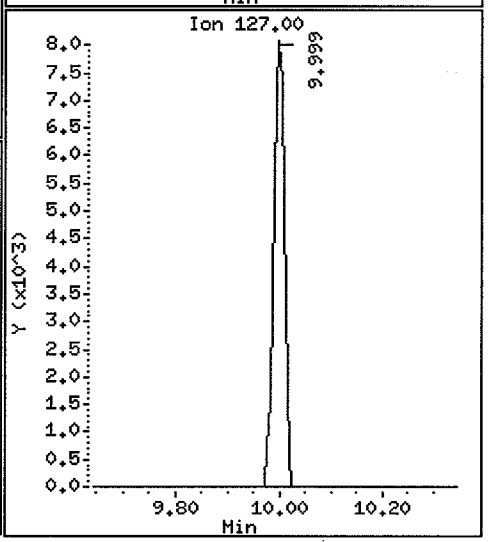












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

Client ID: AN-SS-01-070927

Instrument: nt6.i

Sample Info: LR71A

Volume Injected (uL): 1.0

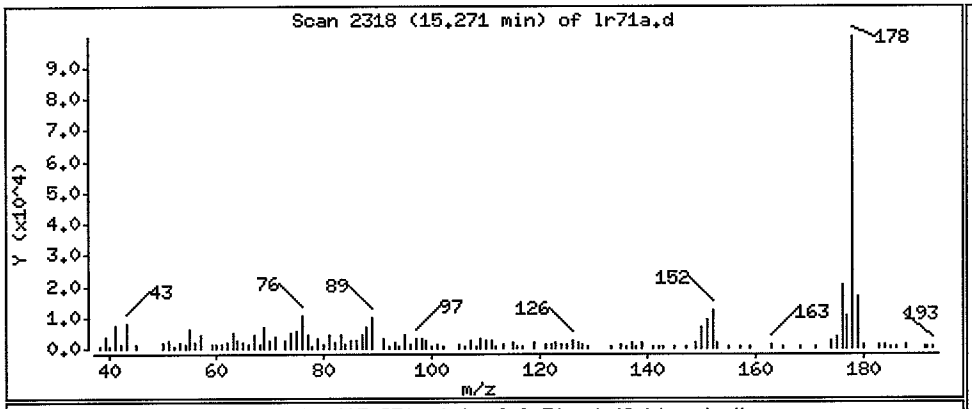
Operator: LJR/VTS

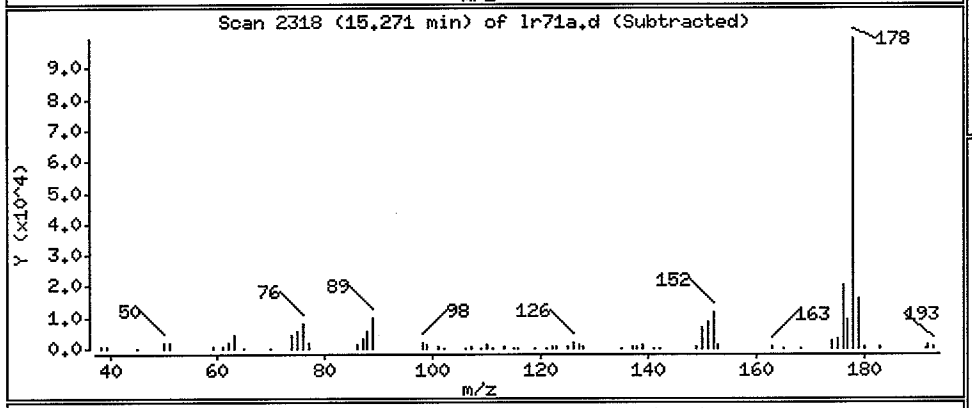
Column phase: ZB-5

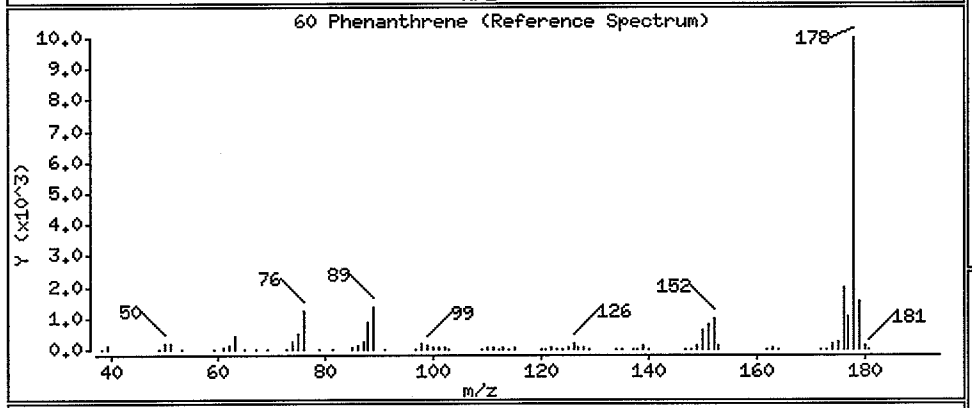
Column diameter: 0.32

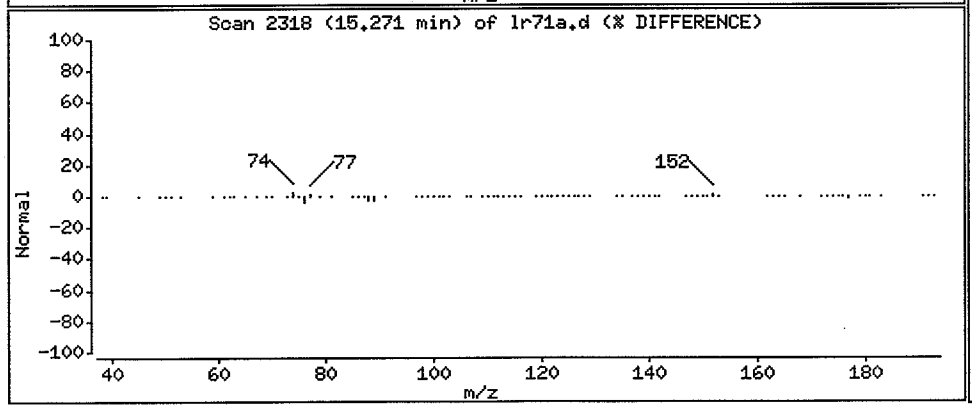
60 Phenanthrene

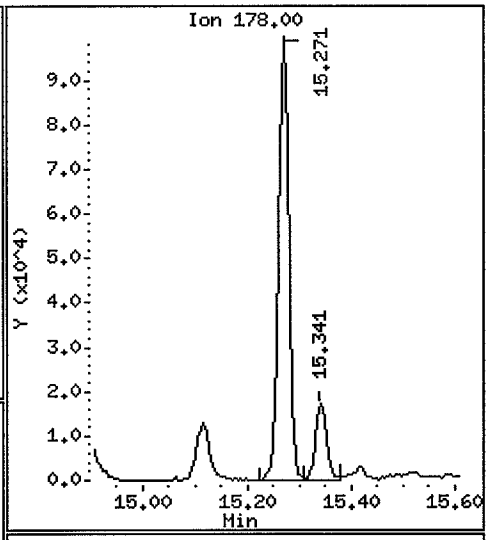
Concentration: 64.47 ug/kg

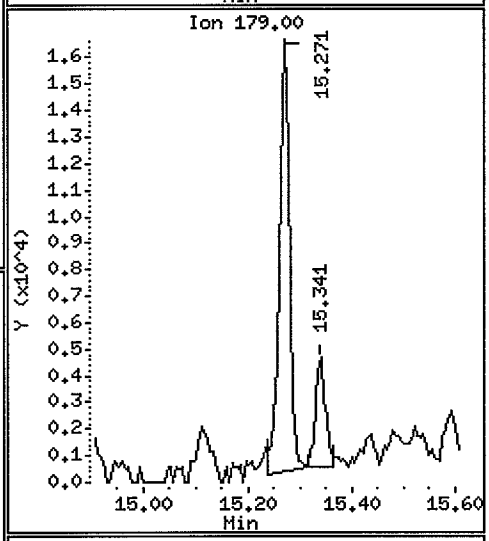


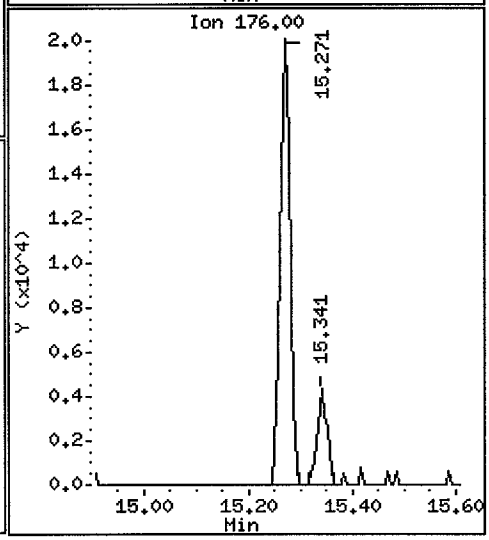












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

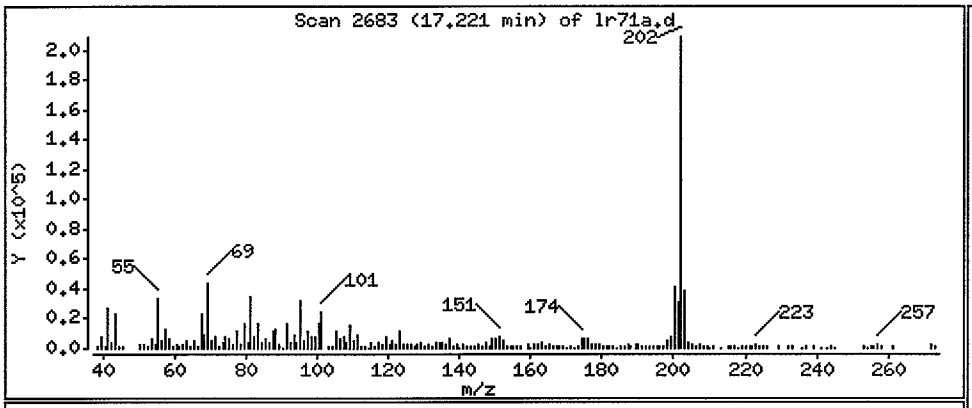
Client ID: AN-SS-01-070927 Instrument: nt6.i

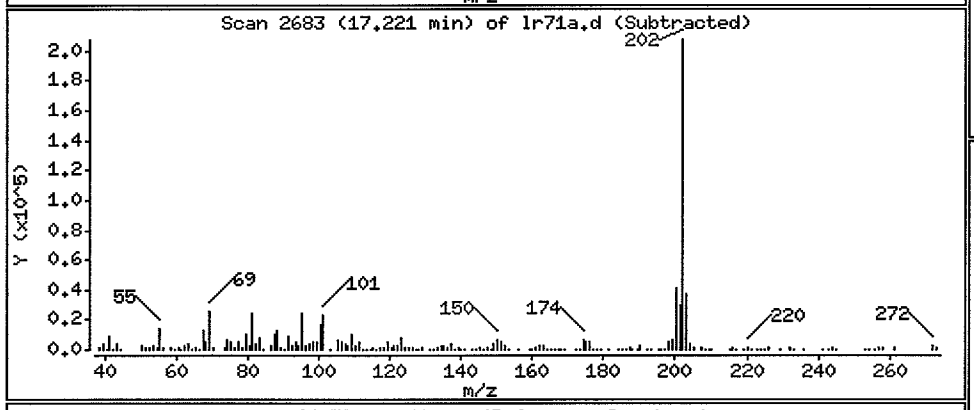
Sample Info: LR71A

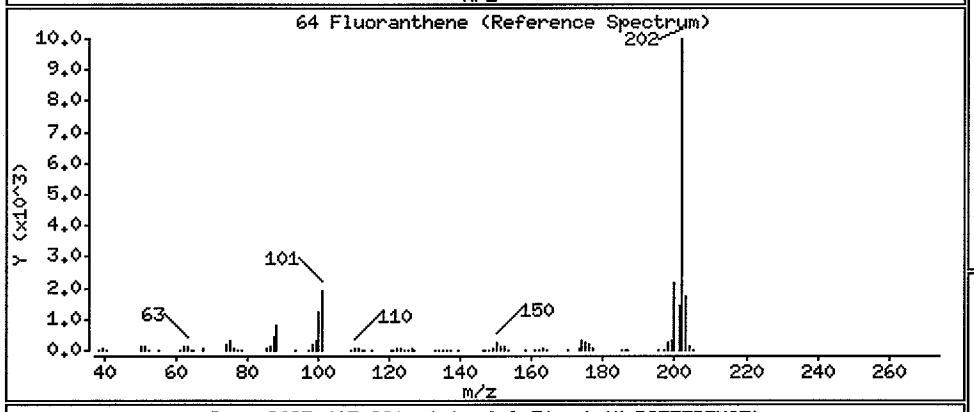
Volume Injected (uL): 1.0 Operator: LJR/VTS

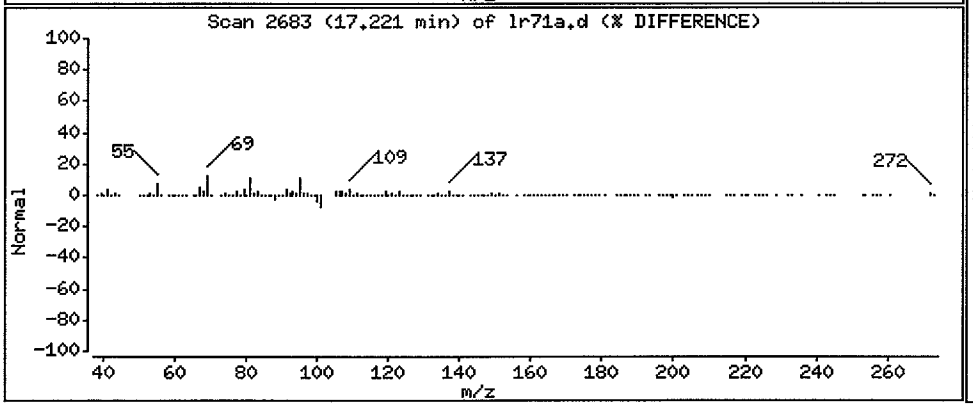
Column phase: ZB-5 Column diameter: 0.32

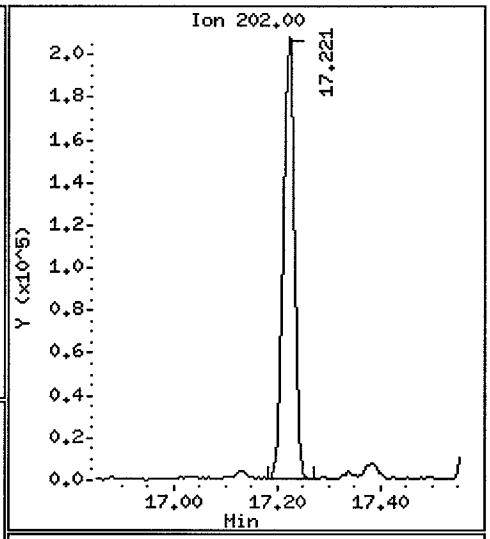
64 Fluoranthene Concentration: 131.2 ug/kg

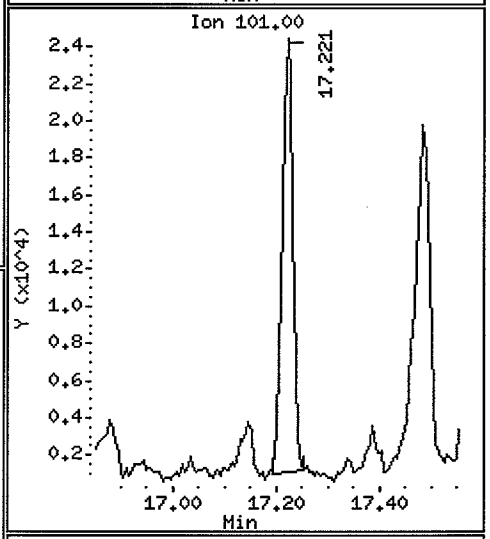


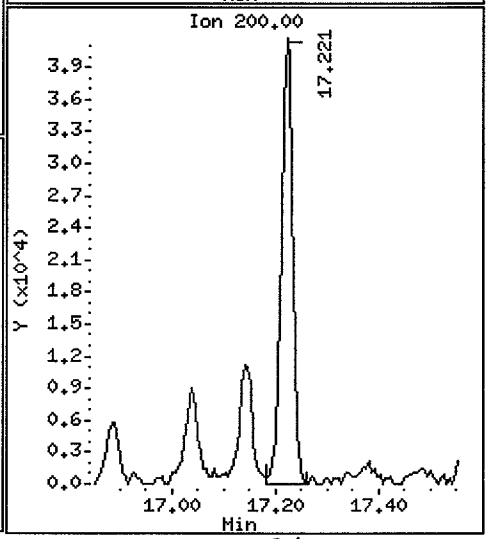












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

Client ID: AN-SS-01-070927

Instrument: nt6.i

Sample Info: LR71A

Volume Injected (uL): 1.0

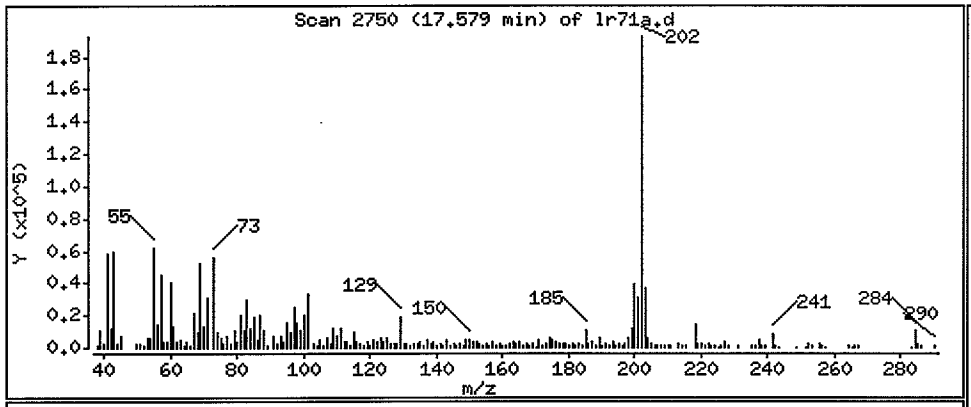
Operator: LJR/VTS

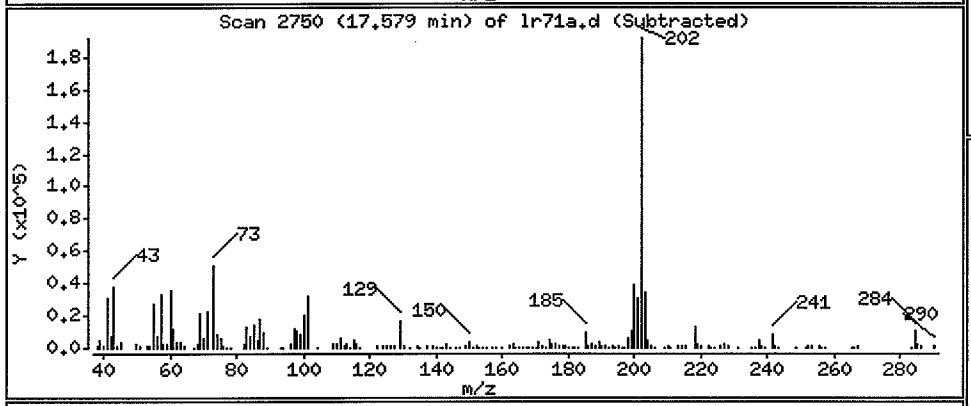
Column phase: ZB-5

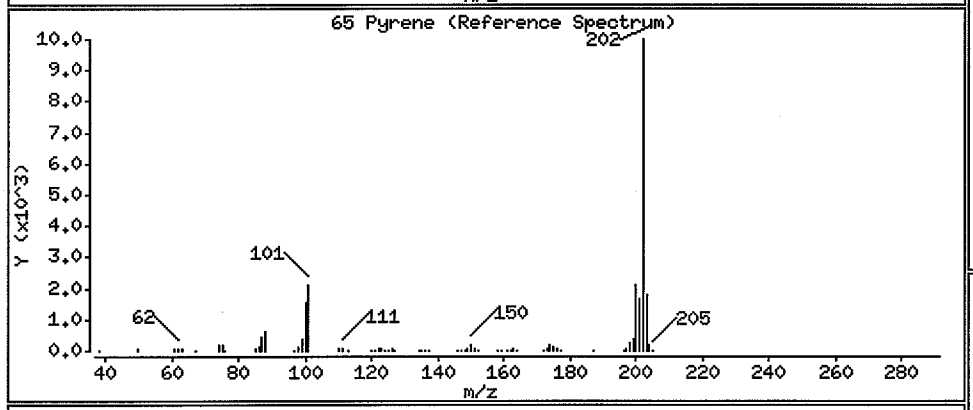
Column diameter: 0.32

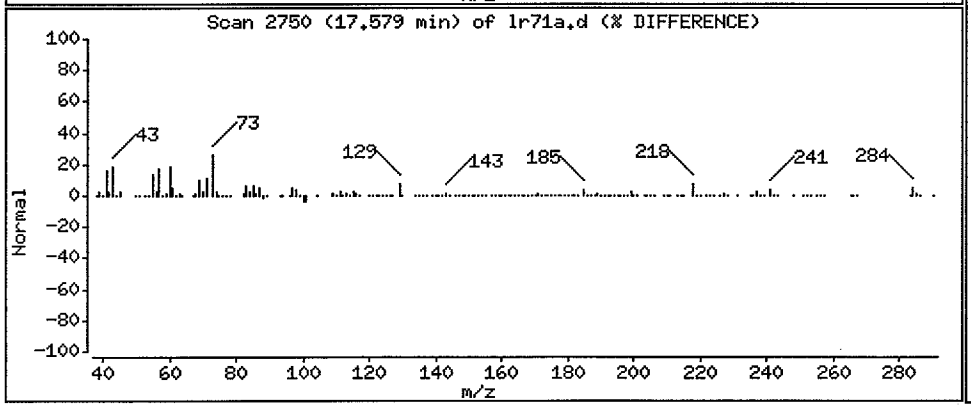
65 Pyrene

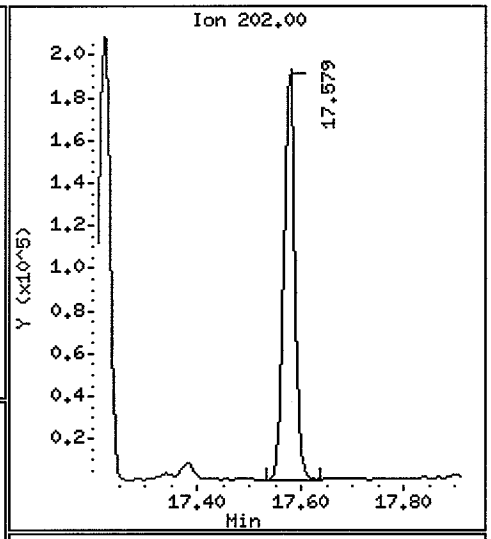
Concentration: 113.4 ug/kg

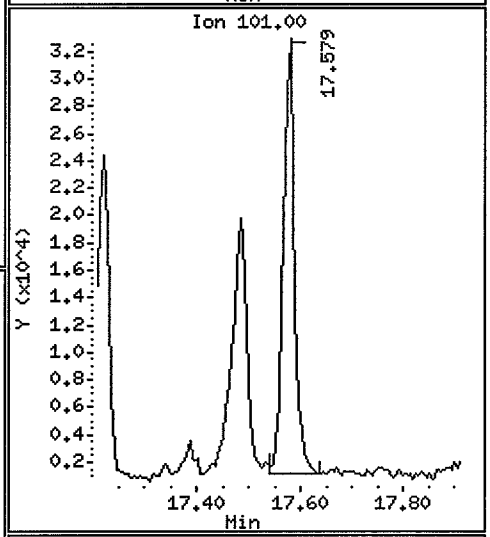


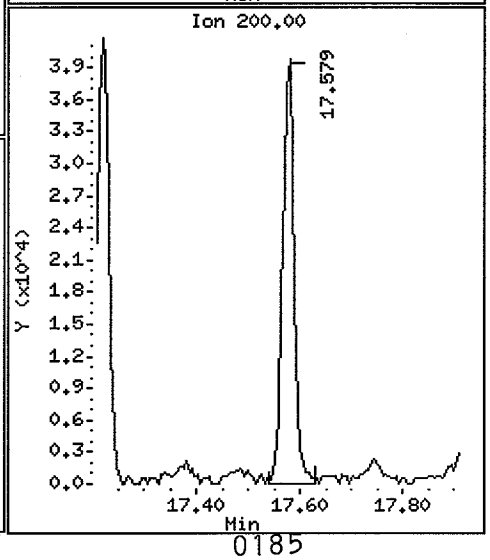












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

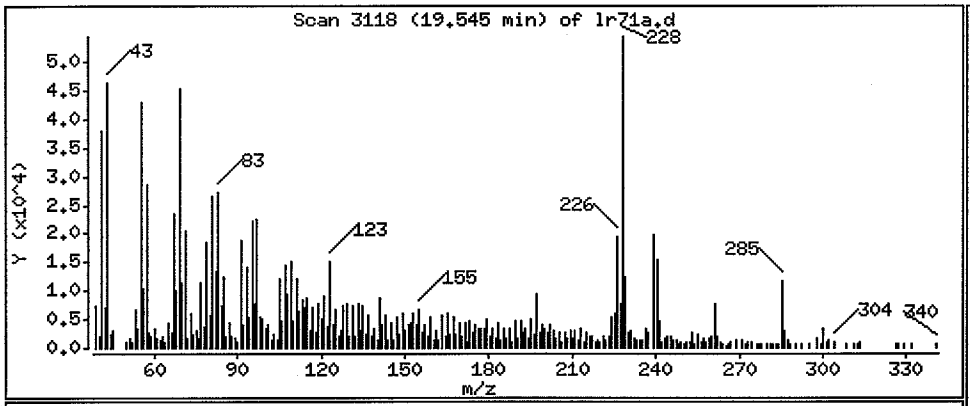
Client ID: AN-SS-01-070927 Instrument: nt6.i

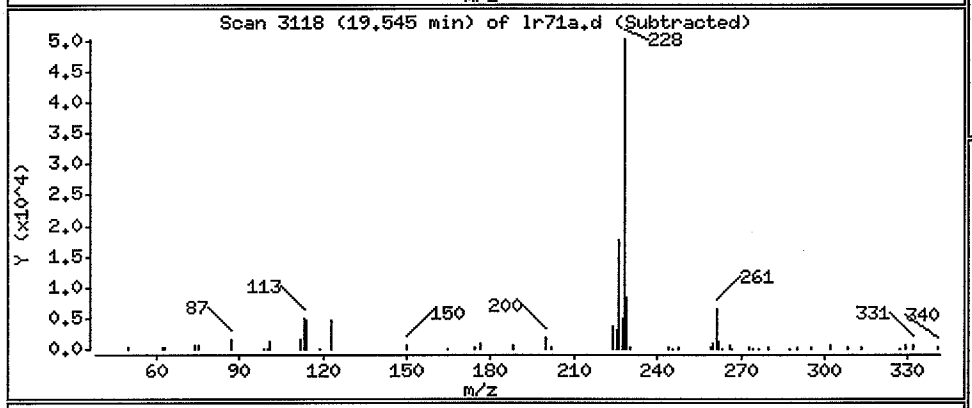
Sample Info: LR71A

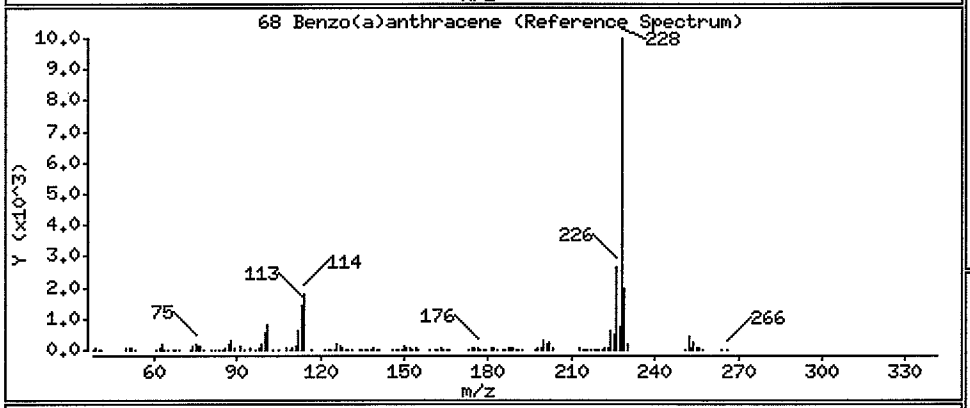
Volume Injected (uL): 1.0 Operator: LJR/VTS

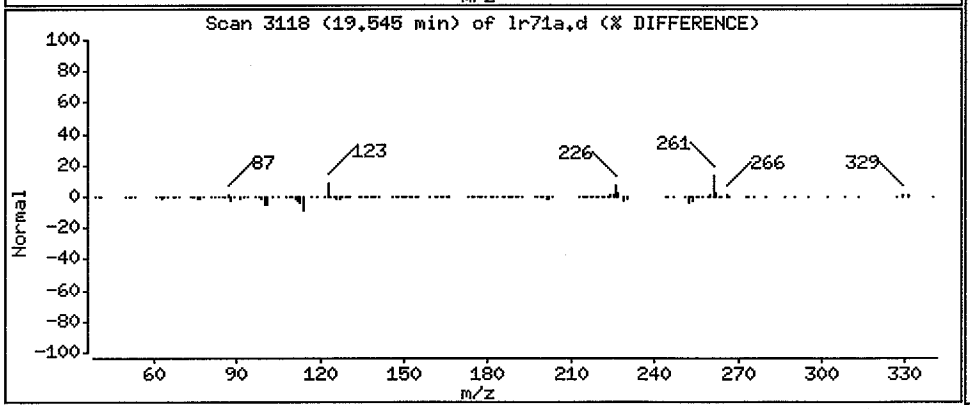
Column phase: ZB-5 Column diameter: 0.32

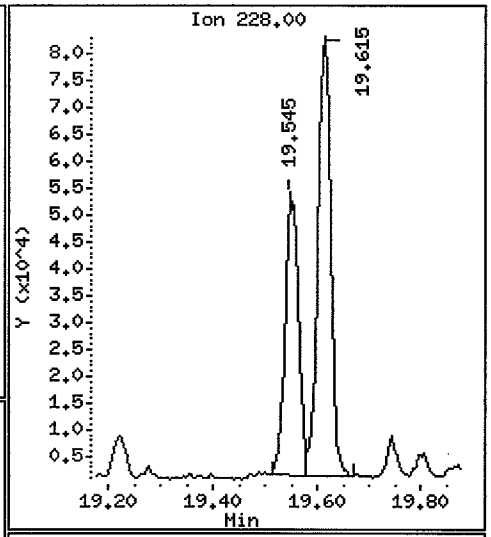
68 Benzo(a)anthracene Concentration: 34.42 ug/kg

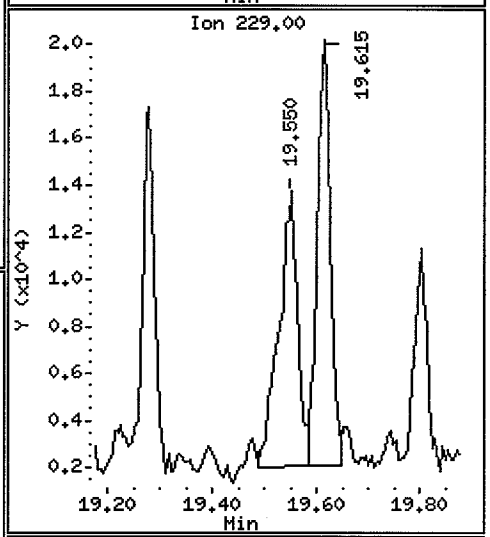


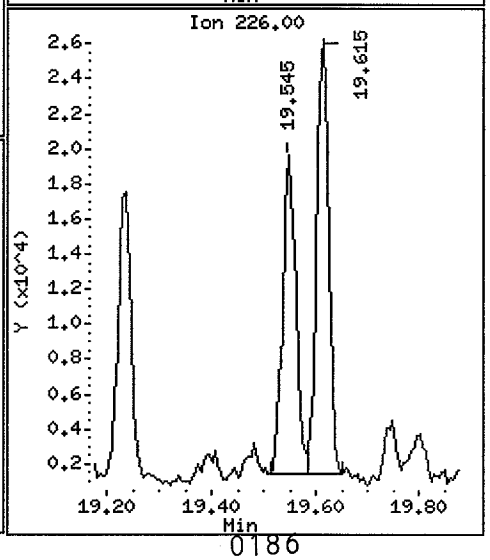












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

Client ID: AN-SS-01-070927

Instrument: nt6.i

Sample Info: LR71A

Volume Injected (uL): 1.0

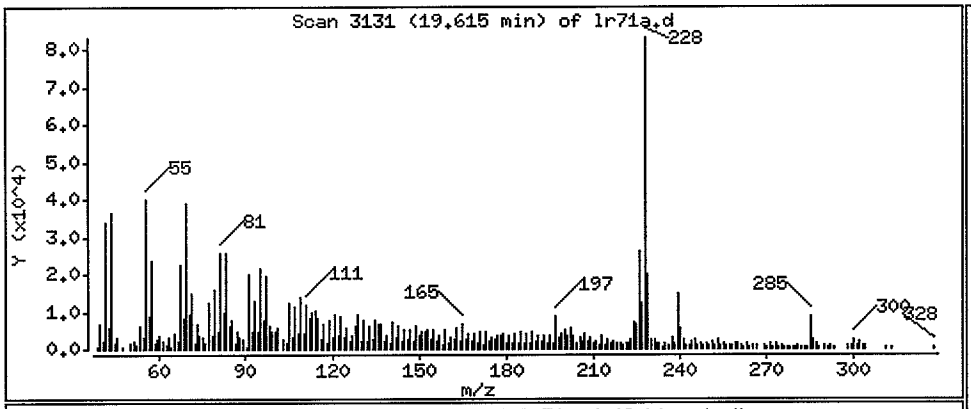
Operator: LJR/VTS

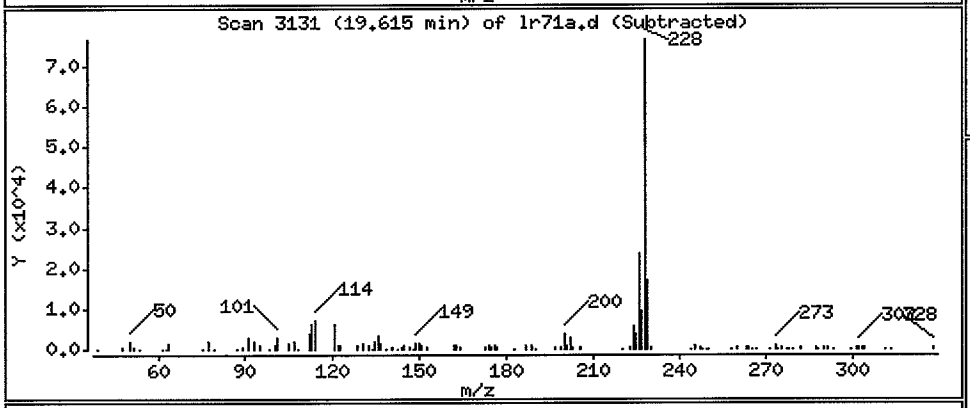
Column phase: ZB-5

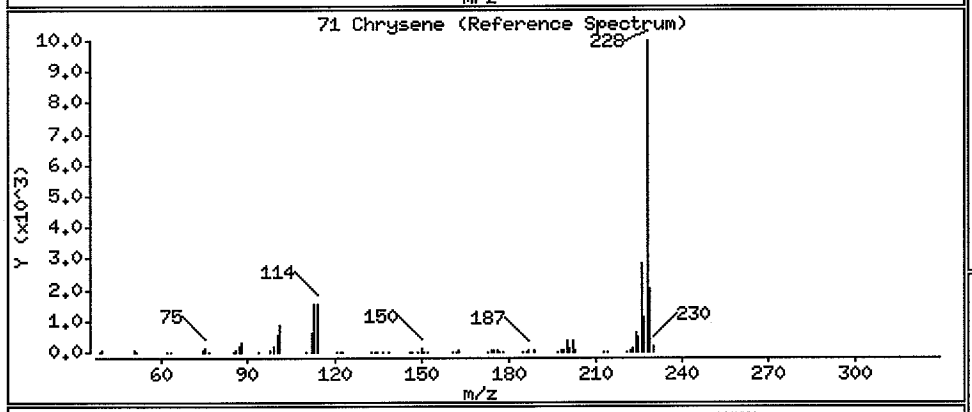
Column diameter: 0.32

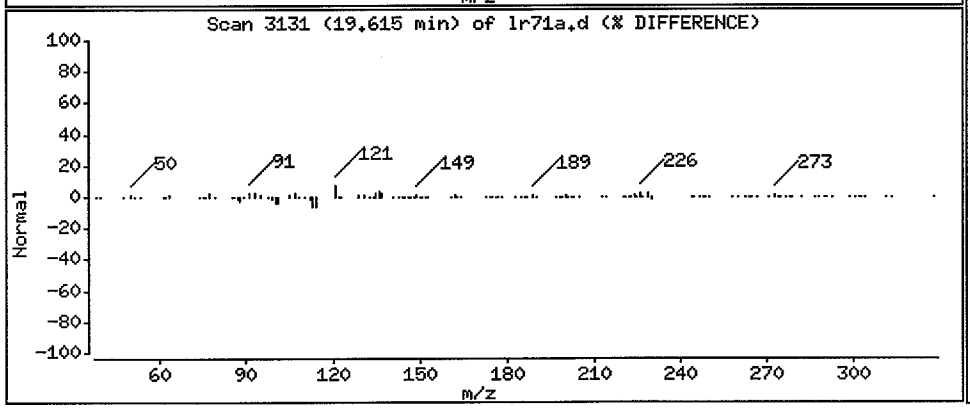
71 Chrysene

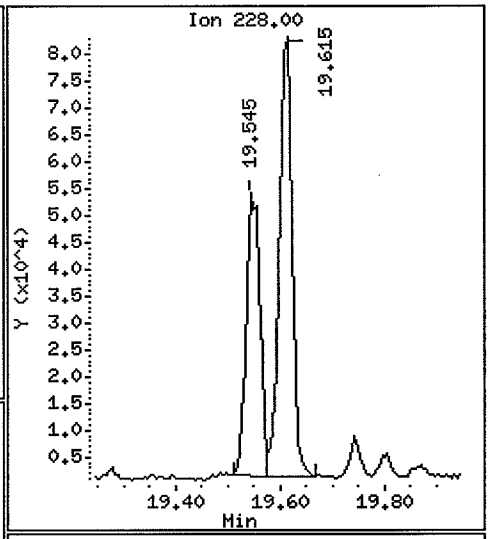
Concentration: 57.11 ug/kg

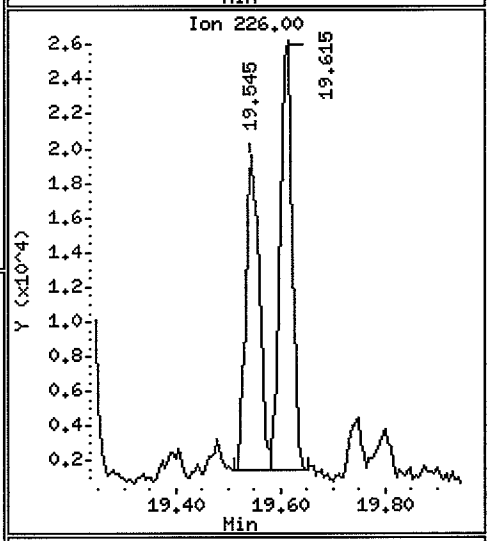


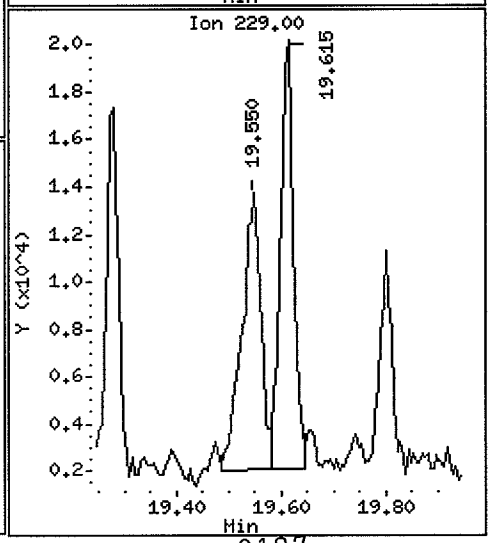












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

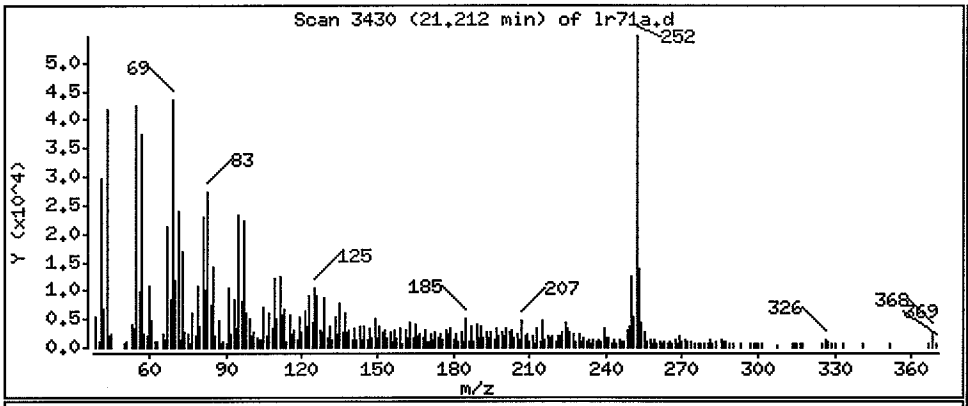
Client ID: AN-SS-01-070927 Instrument: nt6.i

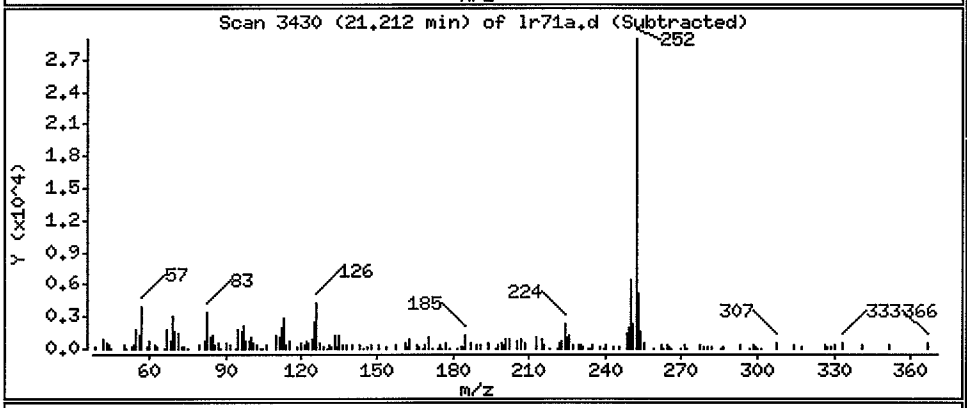
Sample Info: LR71A

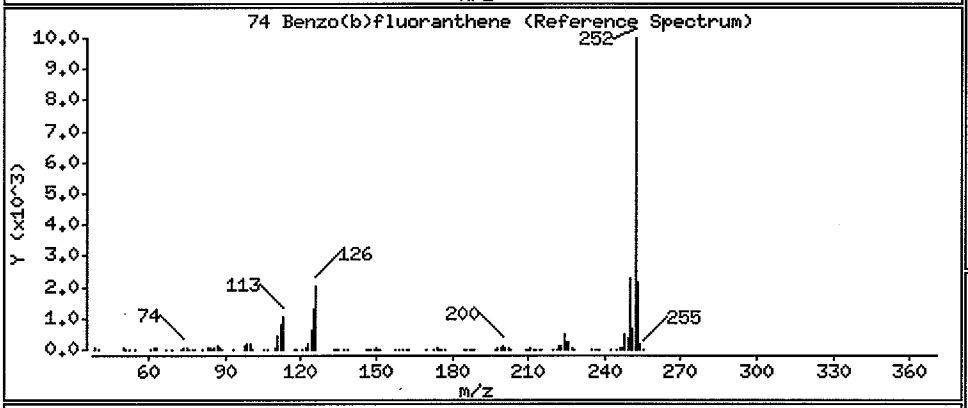
Volume Injected (uL): 1.0 Operator: LJR/VTS

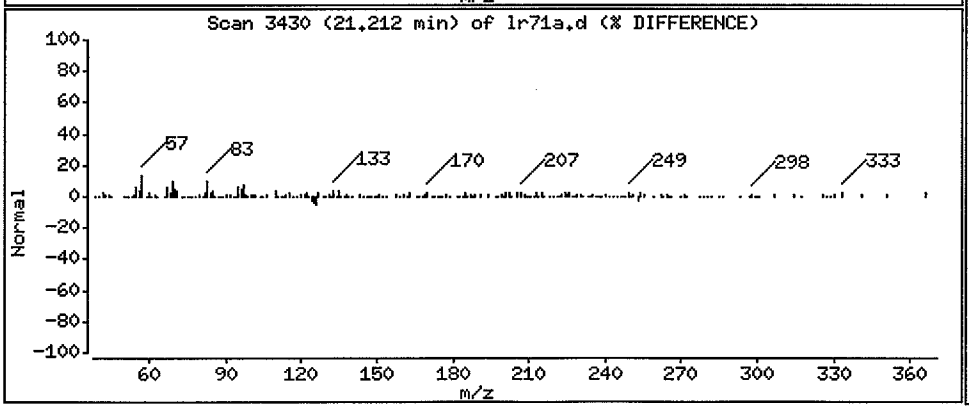
Column phase: ZB-5 Column diameter: 0.32

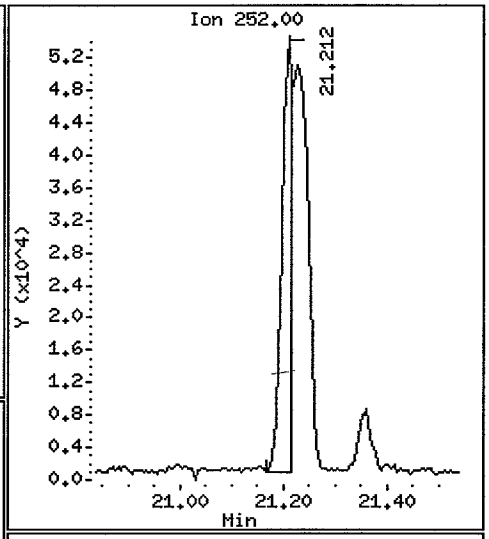
74 Benzo(b)fluoranthene Concentration: 37.20 ug/kg

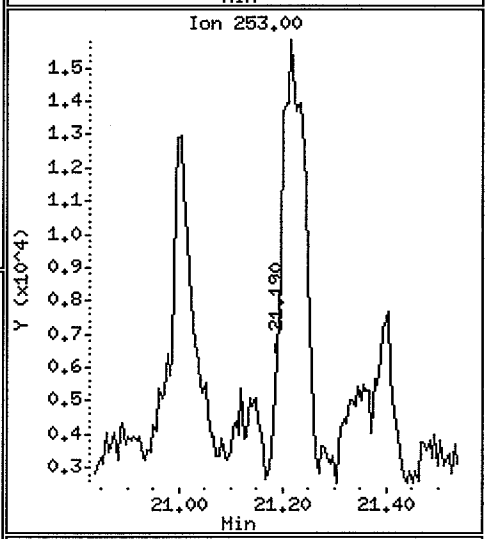


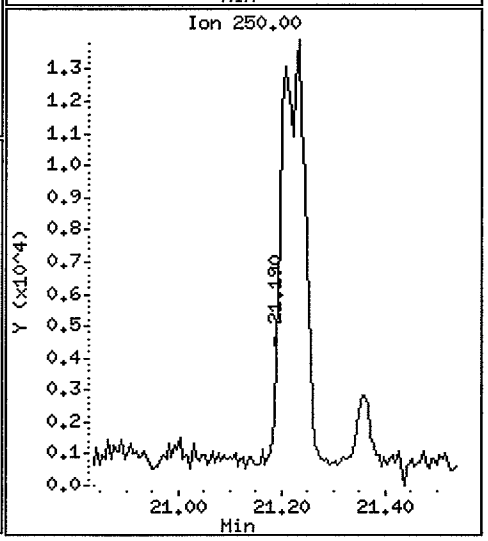












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

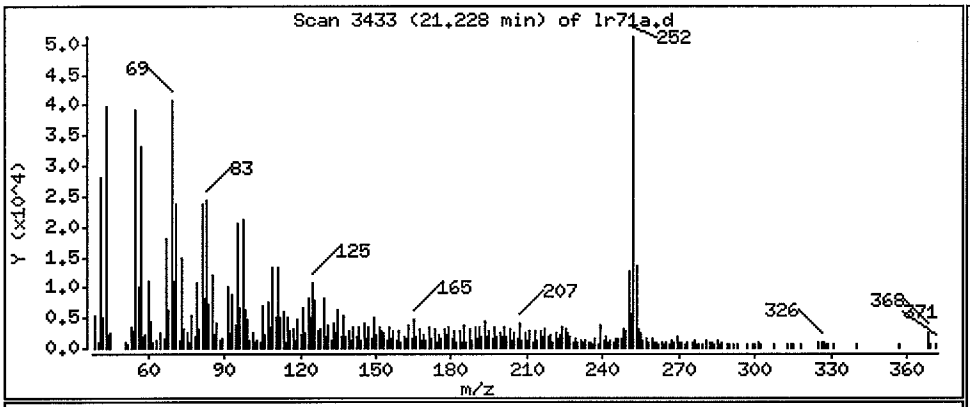
Client ID: AN-SS-01-070927 Instrument: nt6.i

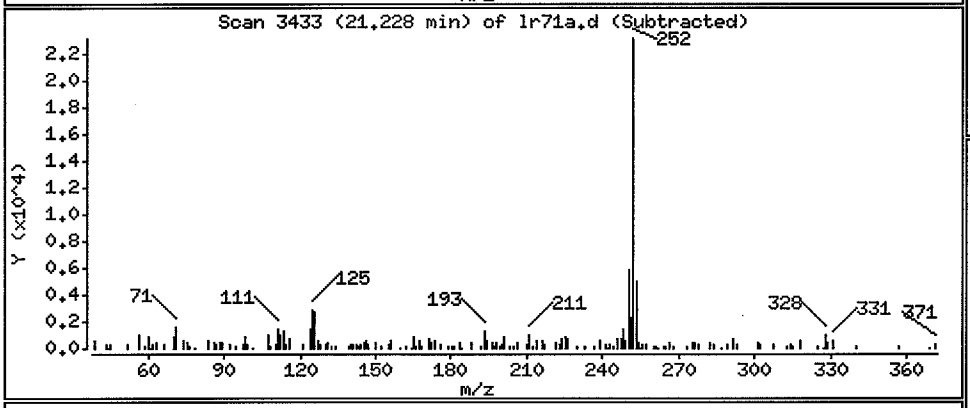
Sample Info: LR71A

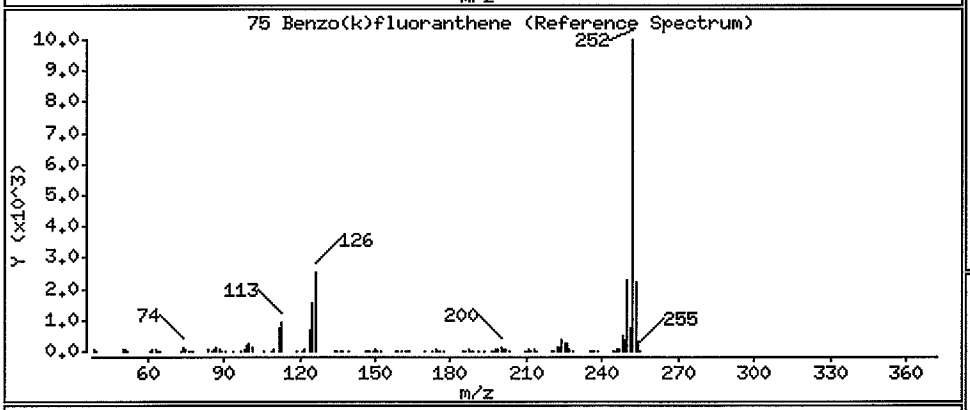
Volume Injected (uL): 1.0 Operator: LJR/VTS

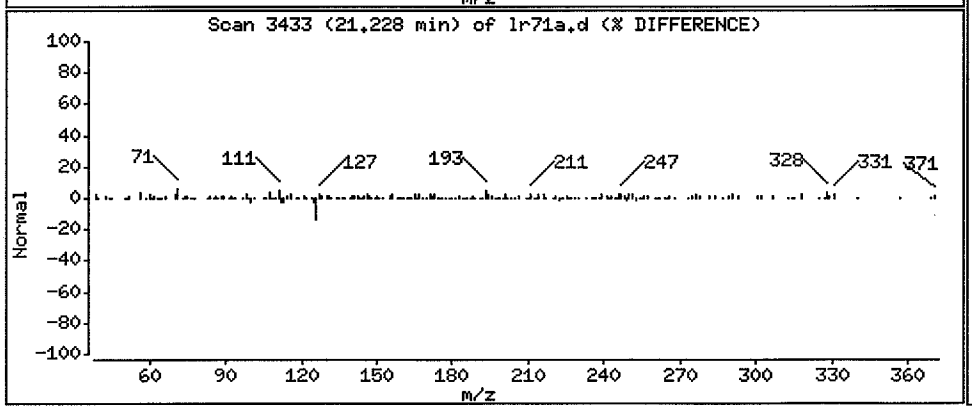
Column phase: ZB-5 Column diameter: 0.32

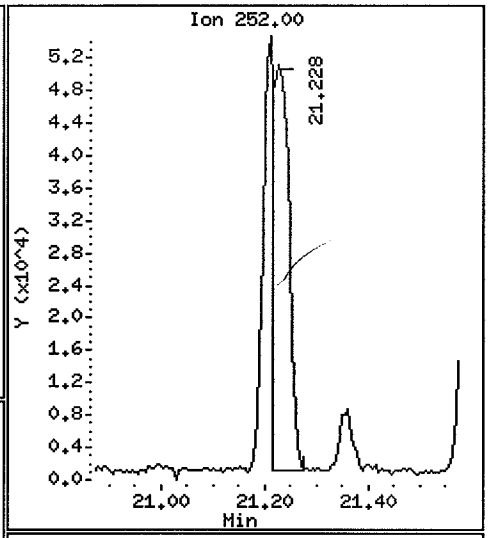
75 Benzo(k)fluoranthene Concentration: 47.87 ug/kg

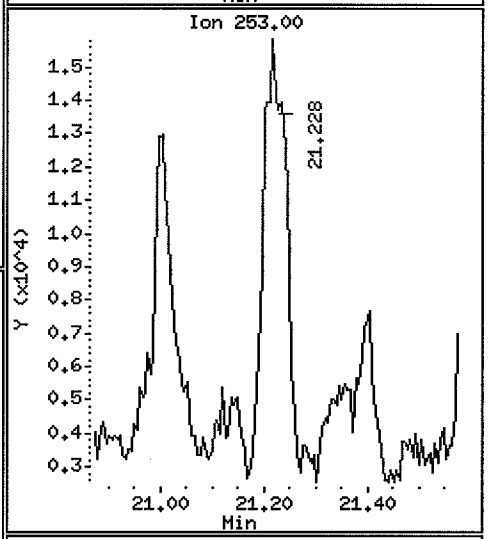


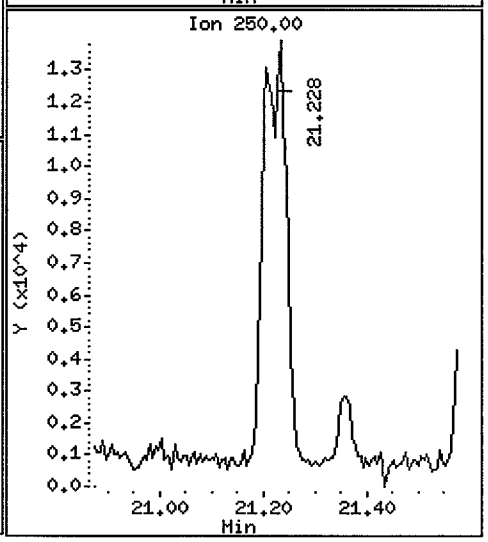












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

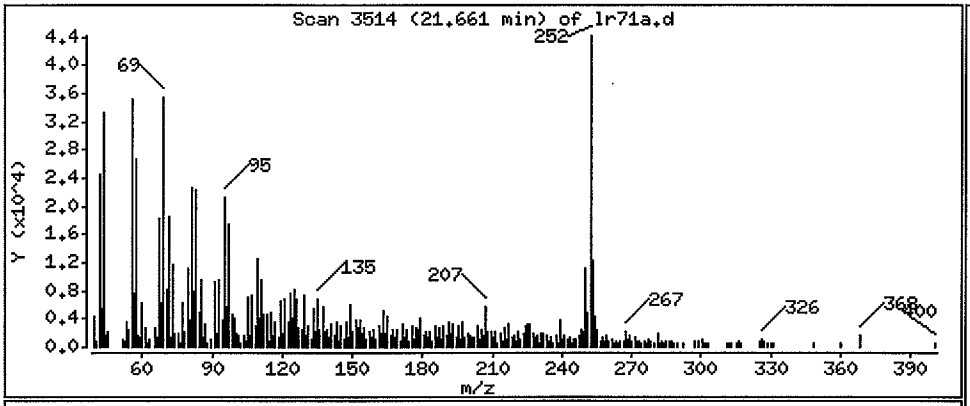
Client ID: AN-SS-01-070927 Instrument: nt6.i

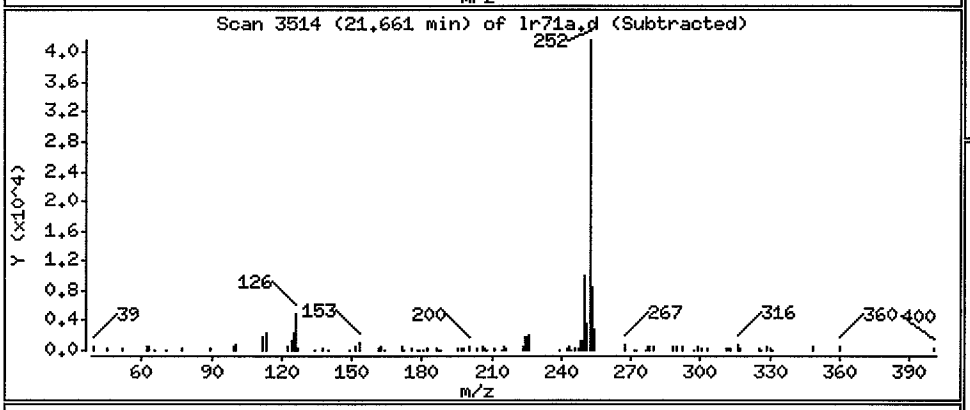
Sample Info: LR71A

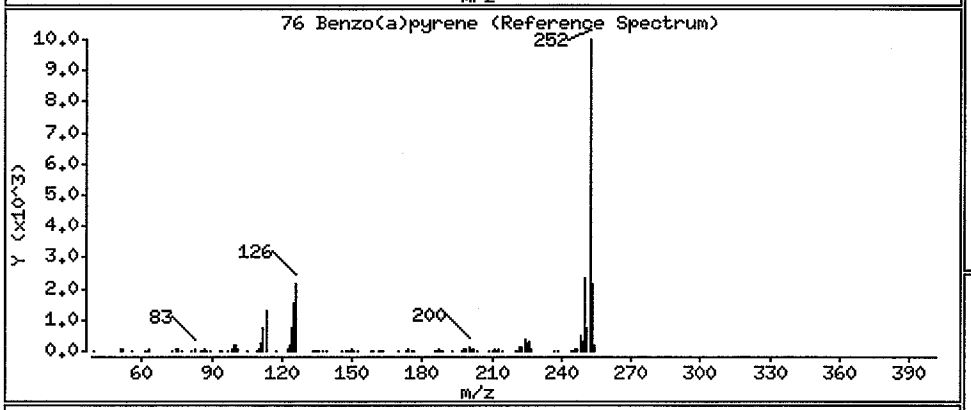
Volume Injected (uL): 1.0 Operator: LJR/VTS

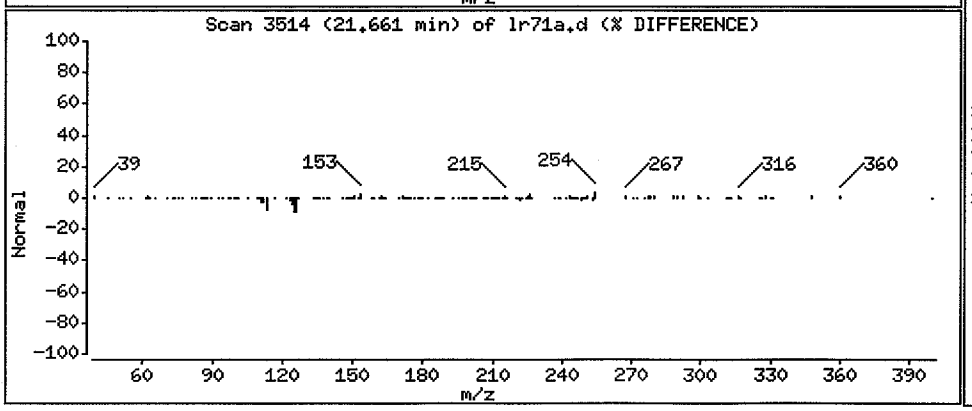
Column phase: ZB-5 Column diameter: 0.32

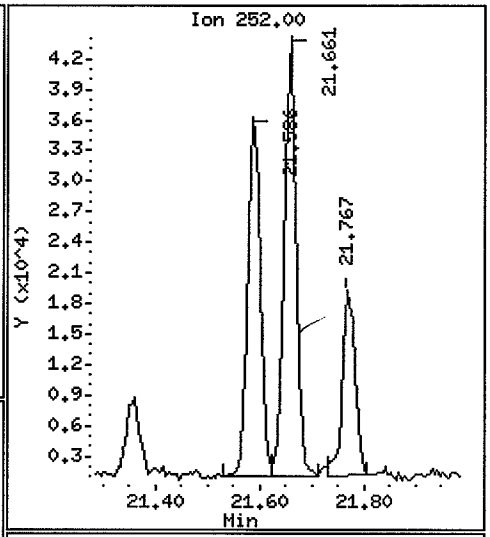
76 Benzo(a)pyrene Concentration: 36.17 ug/kg

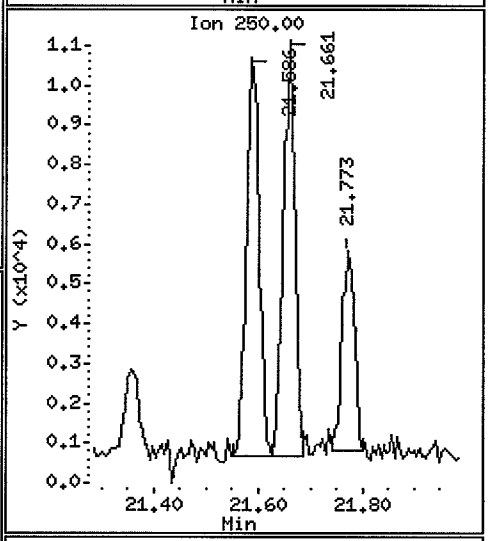


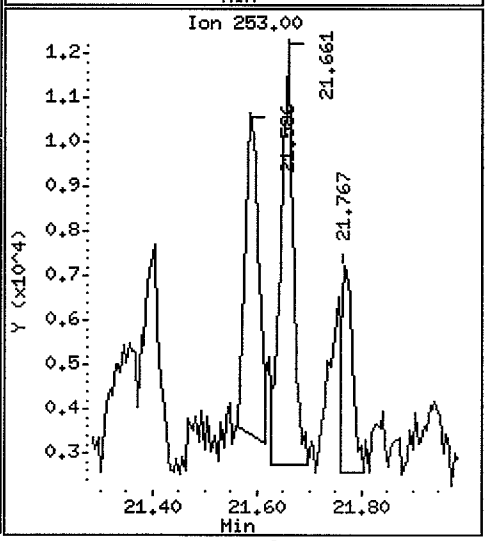












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

Client ID: AN-SS-01-070927

Instrument: nt6.i

Sample Info: LR71A

Volume Injected (uL): 1.0

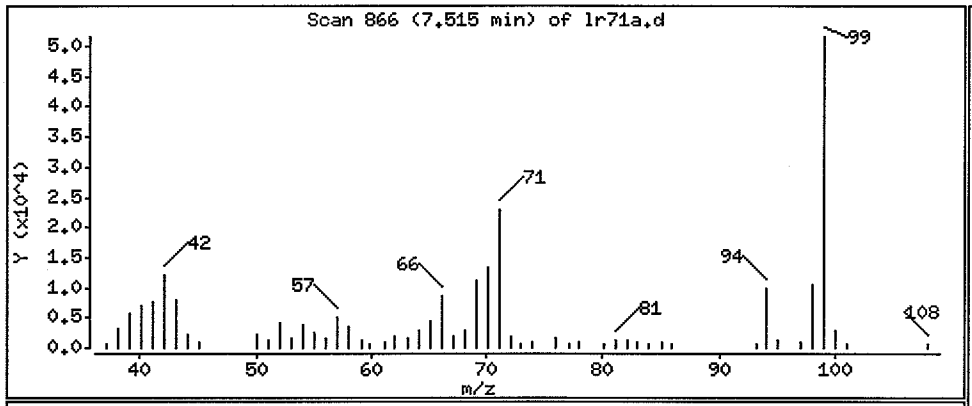
Operator: LJR/VTS

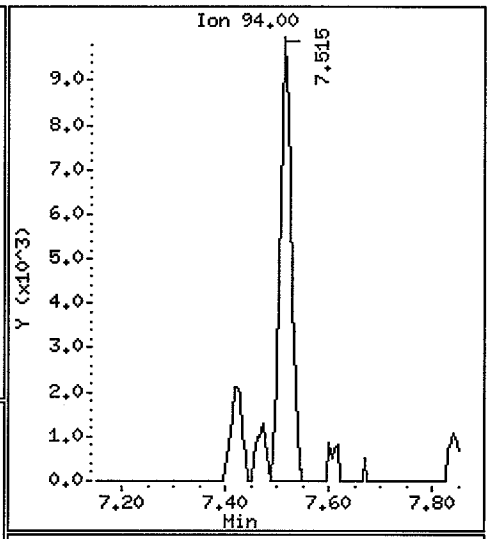
Column phase: ZB-5

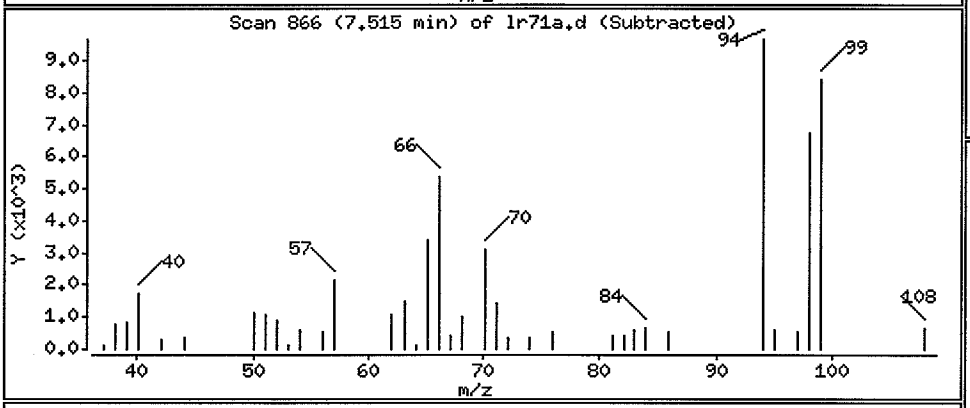
Column diameter: 0.32

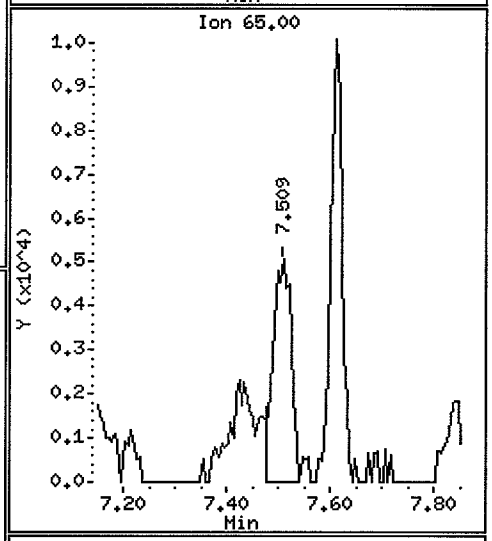
3 Phenol

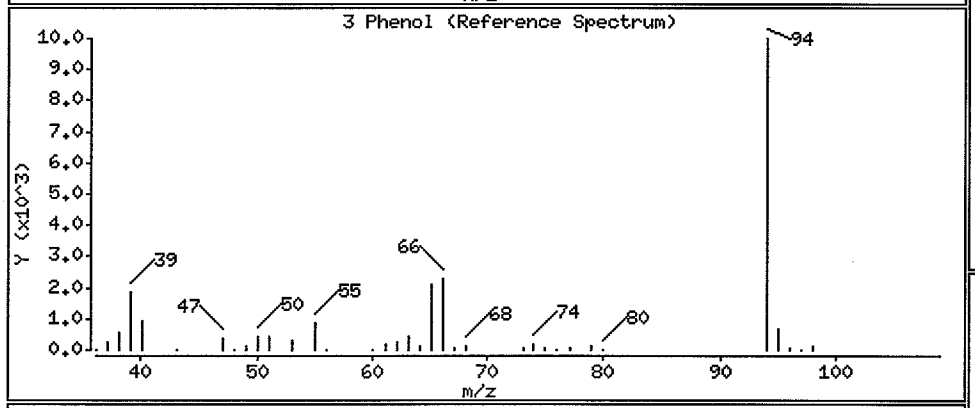
Concentration: 13.74 ug/kg

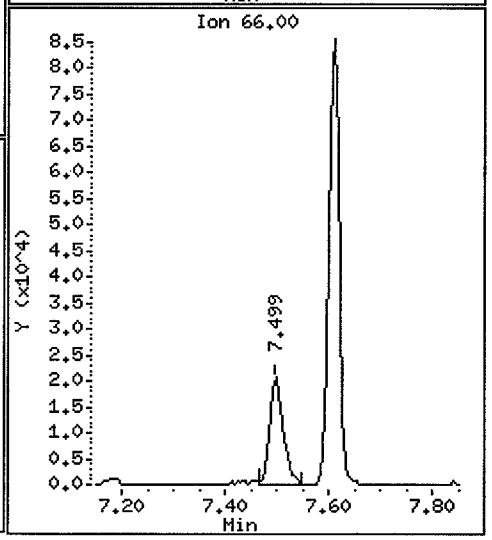


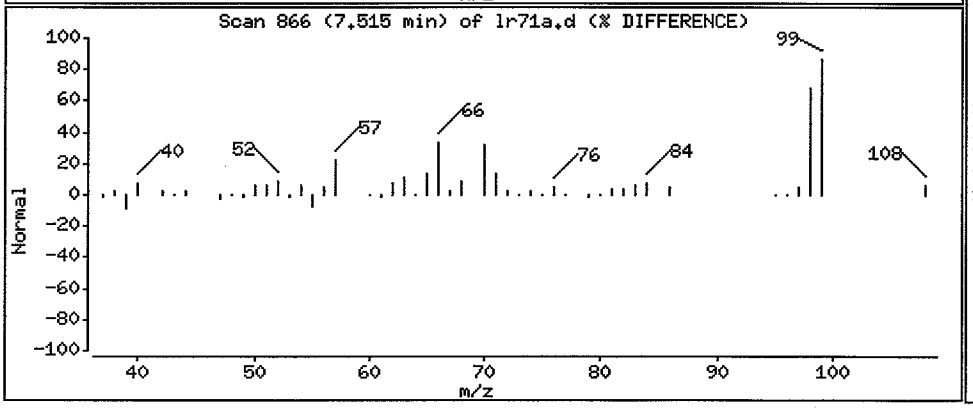












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

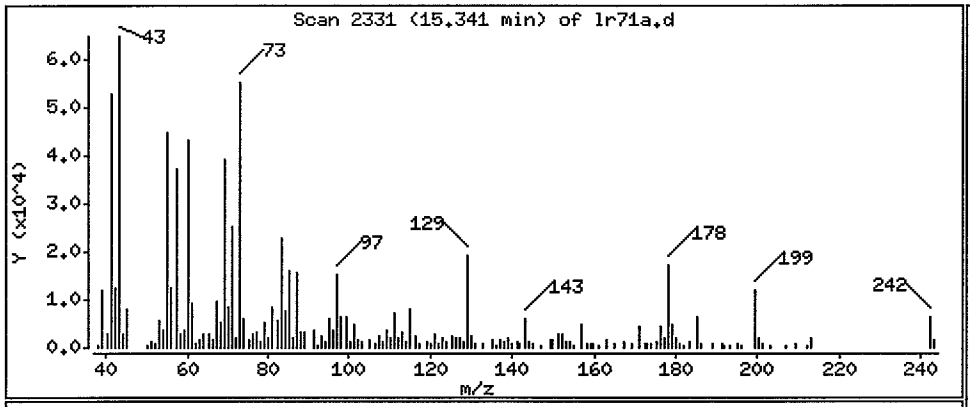
Client ID: AN-SS-01-070927 Instrument: nt6.i

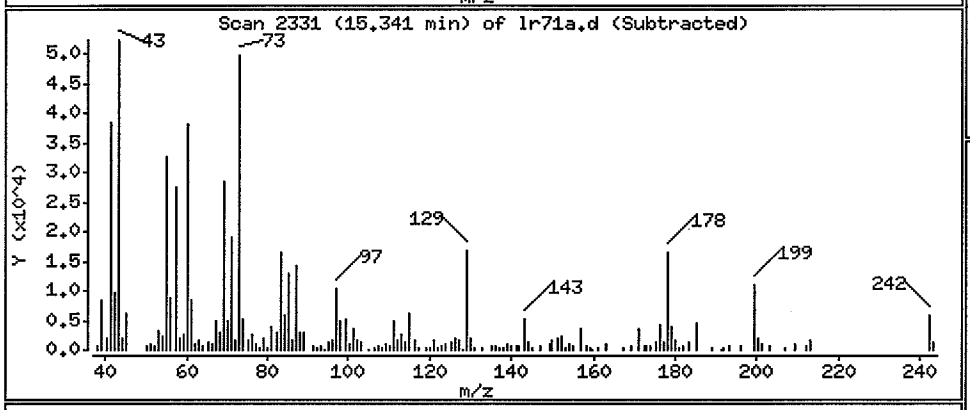
Sample Info: LR71A

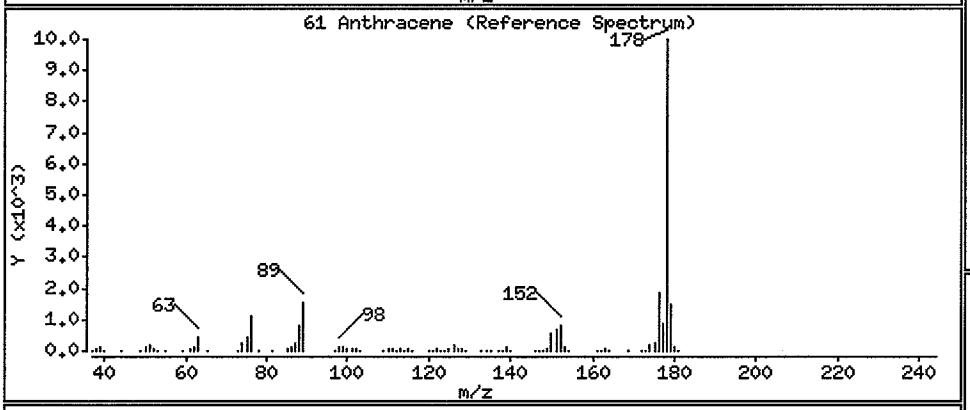
Volume Injected (uL): 1.0 Operator: LJR/VTS

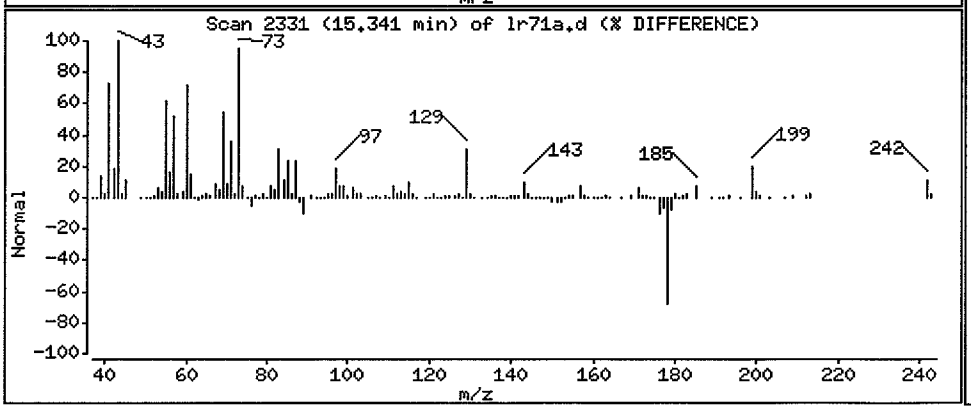
Column phase: ZB-5 Column diameter: 0.32

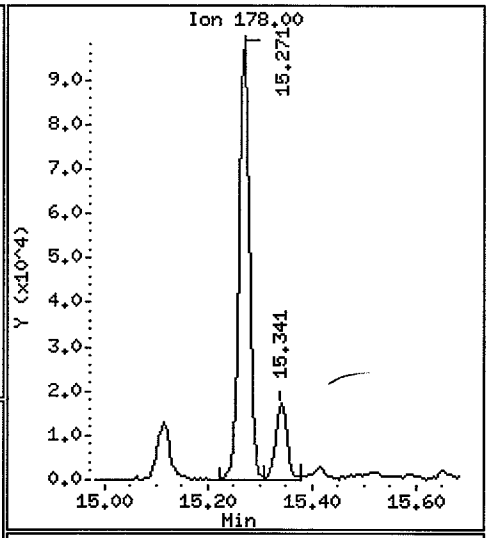
61 Anthracene Concentration: 12.32 ug/kg

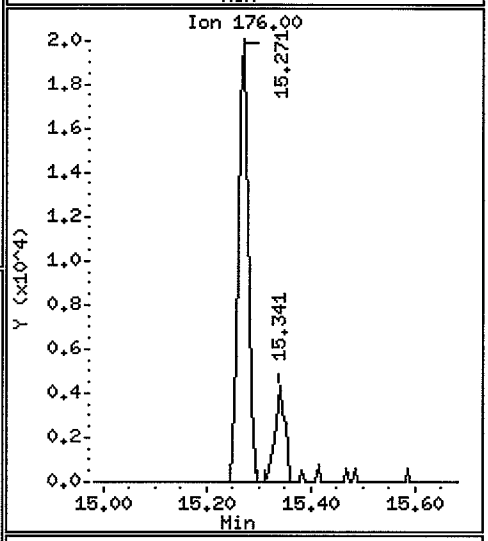


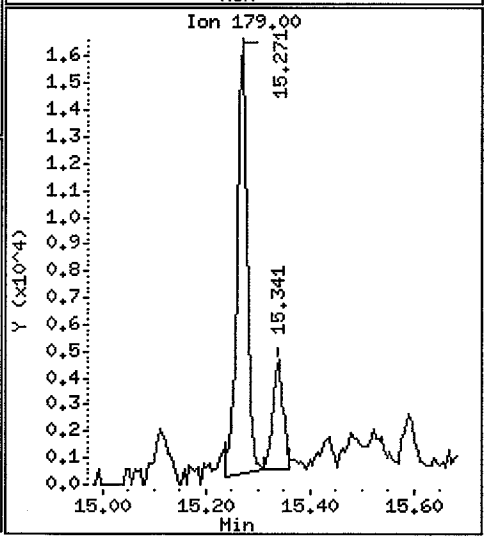












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

Client ID: AN-SS-01-070927

Instrument: nt6.i

Sample Info: LR71A

Volume Injected (uL): 1.0

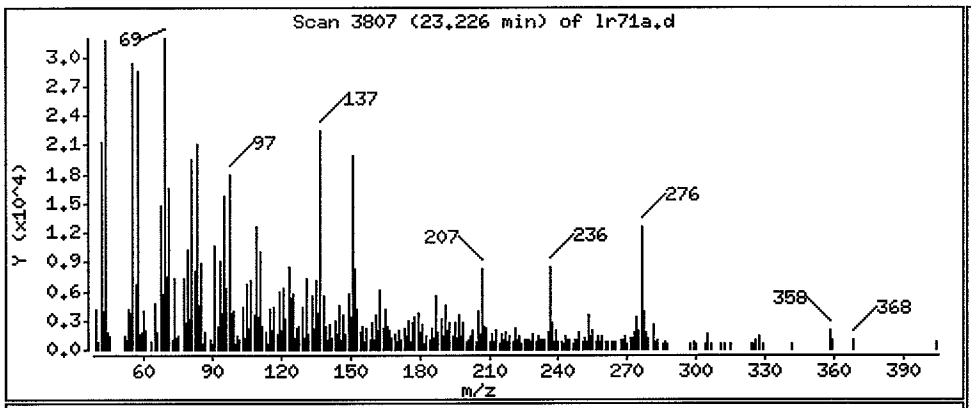
Operator: LJR/VTS

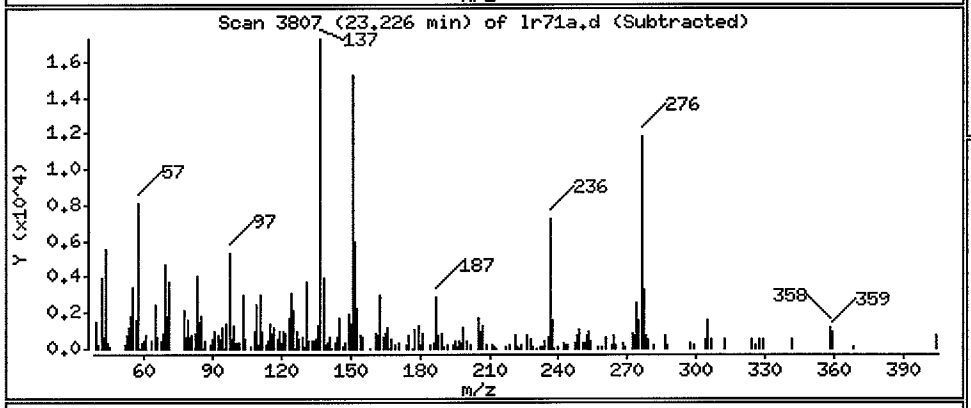
Column phase: ZB-5

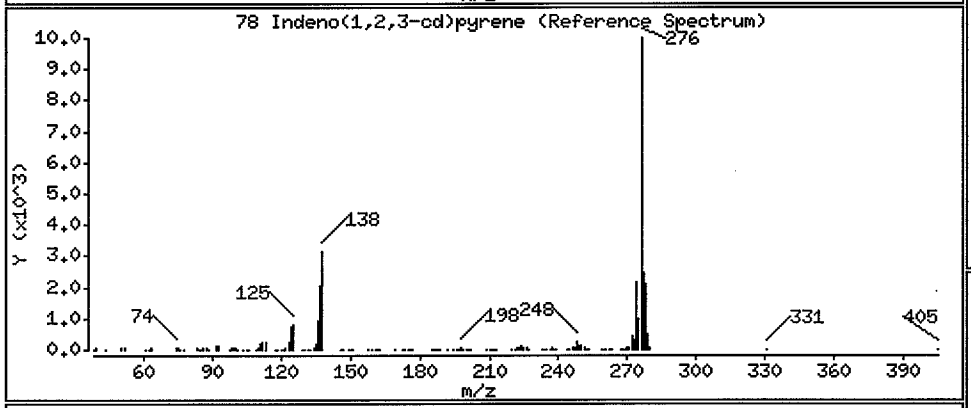
Column diameter: 0.32

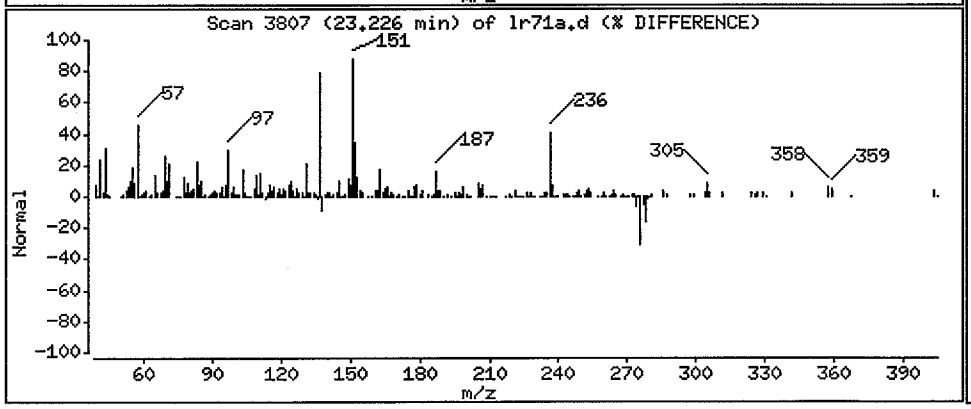
78 Indeno(1,2,3-cd)pyrene

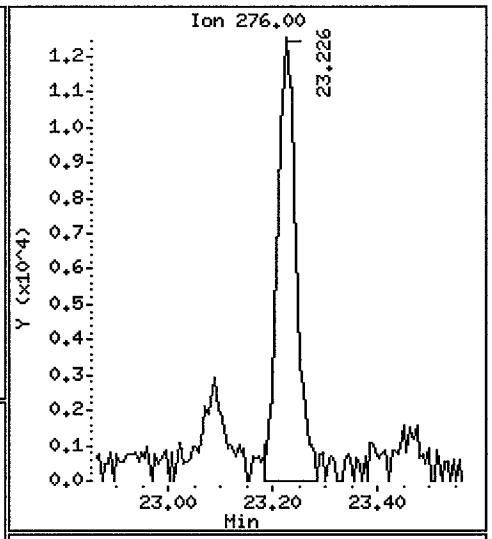
Concentration: 13.67 ug/kg

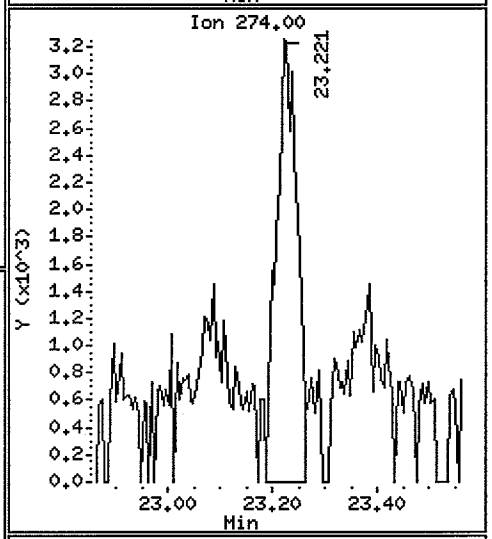


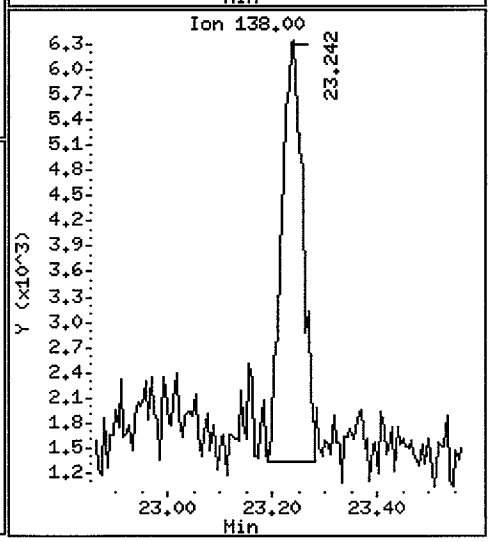












Data File: /chem1/nt6.i/20071018.b/lr71a.d

Date : 18-OCT-2007 14:39

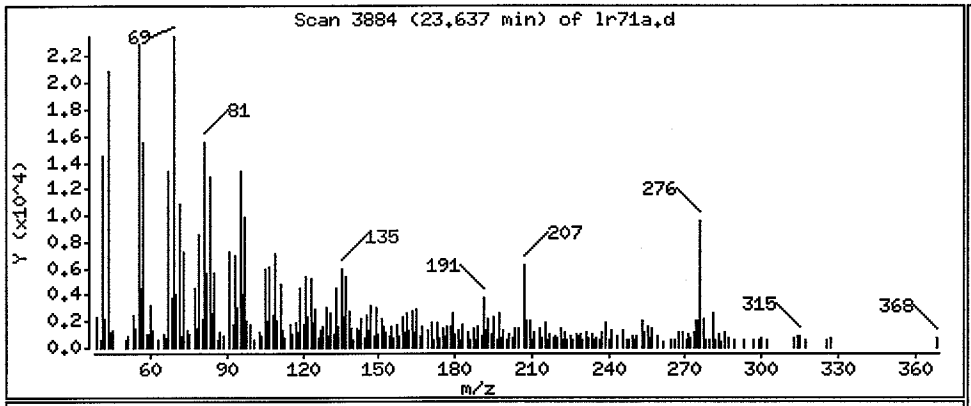
Client ID: AN-SS-01-070927 Instrument: nt6.i

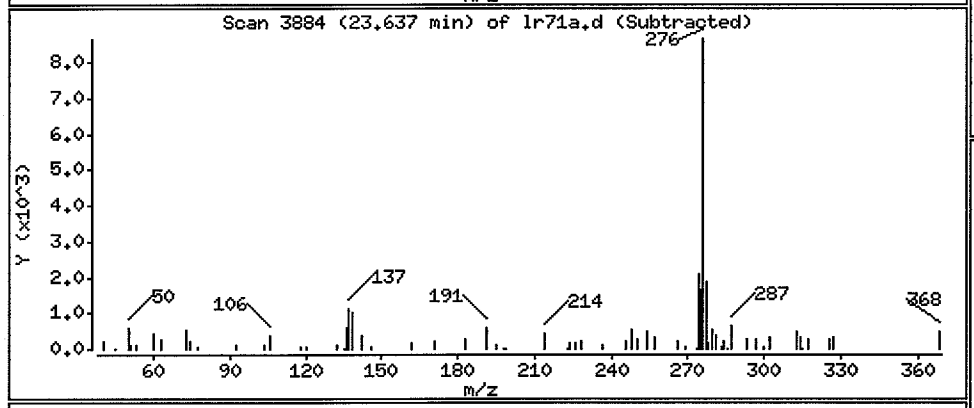
Sample Info: LR71A

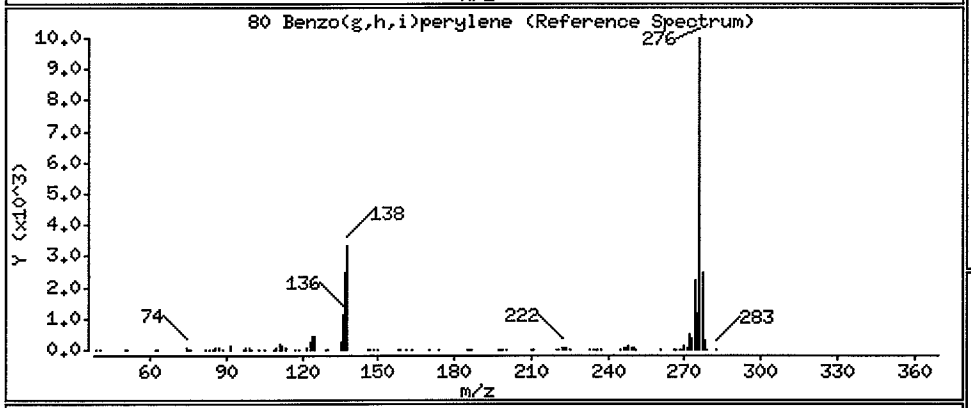
Volume Injected (uL): 1.0 Operator: LJR/VTS

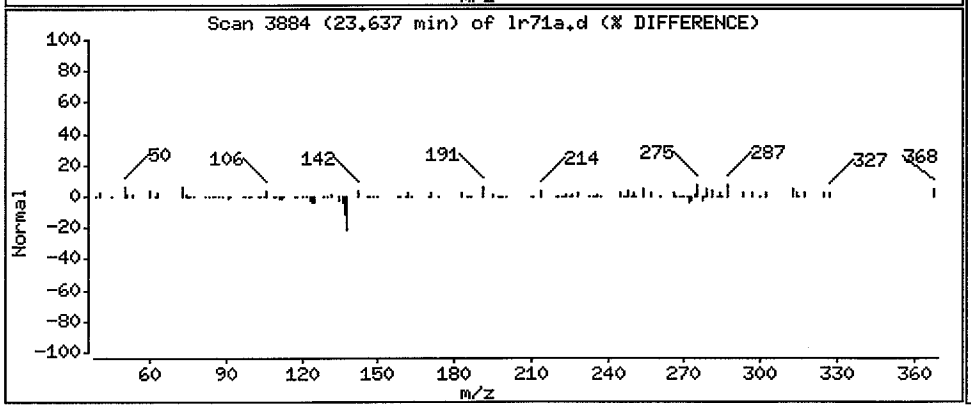
Column phase: ZB-5 Column diameter: 0.32

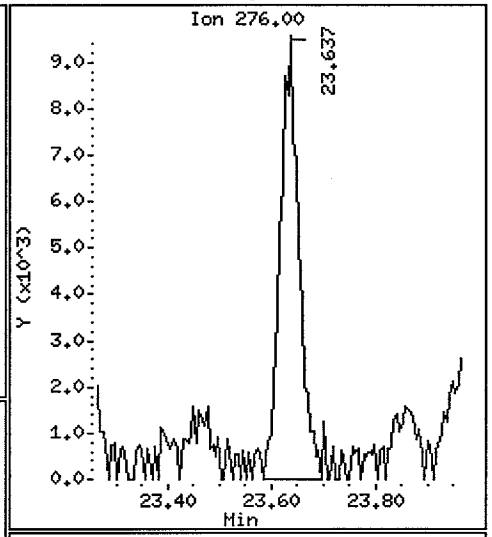
80 Benzo(g,h,i)perylene Concentration: 10.67 ug/kg

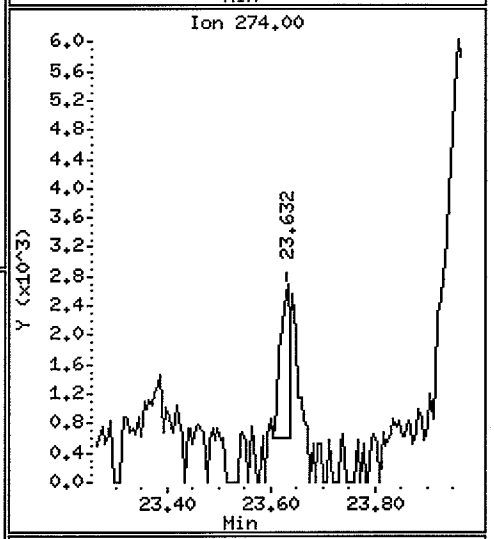


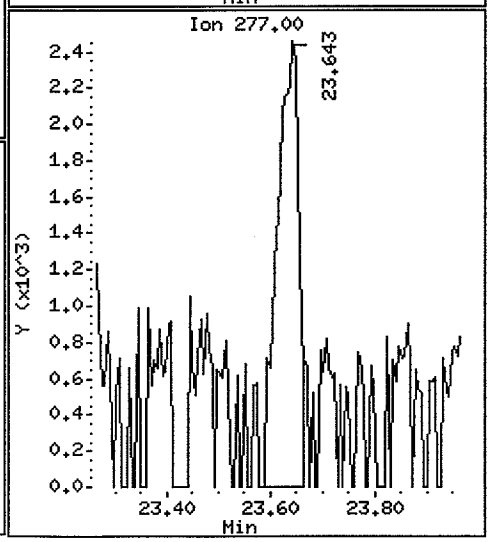












ANALYTICAL RESOURCES INCORPORATED

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.

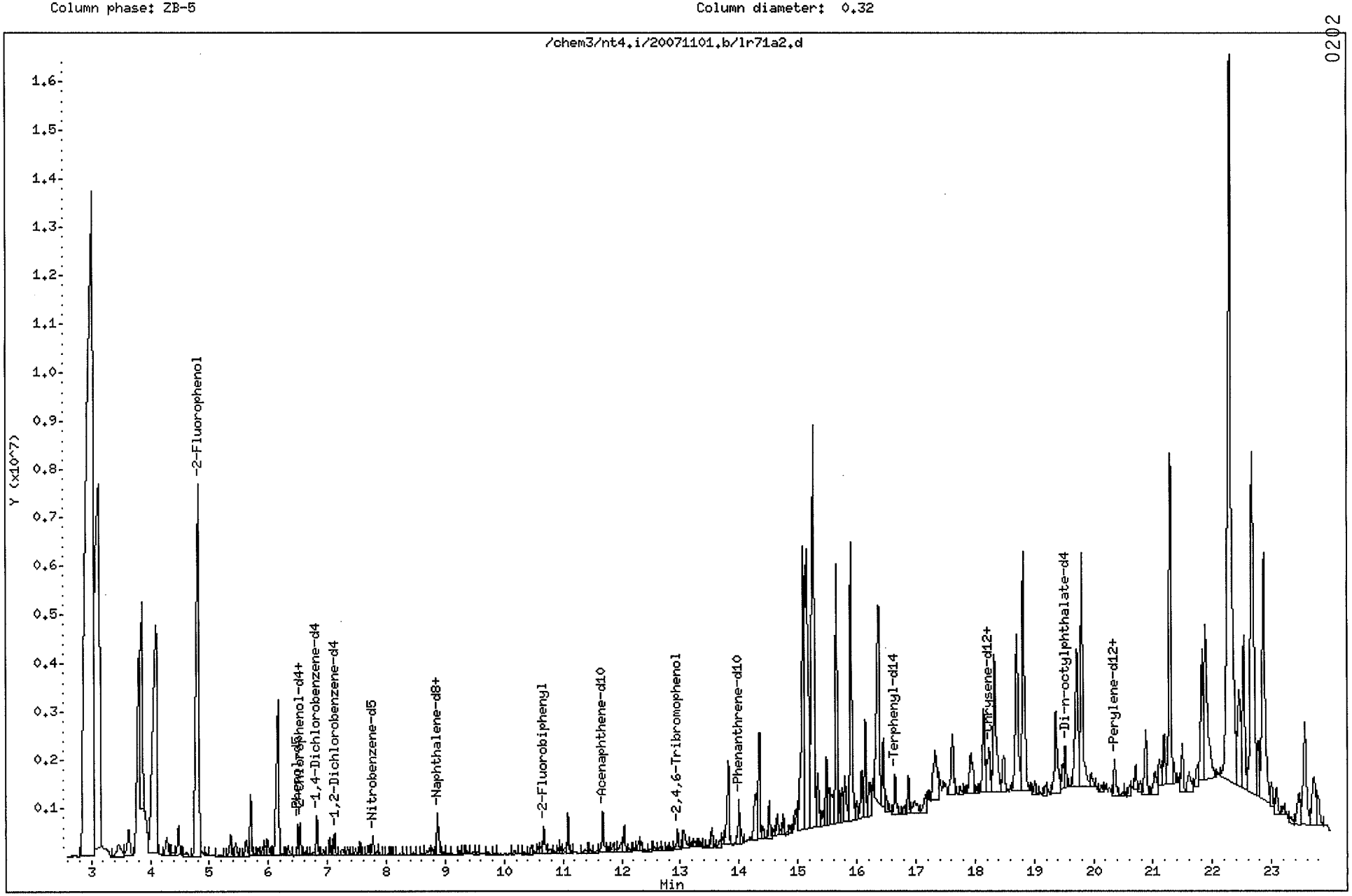
RECOVERY REPORT

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

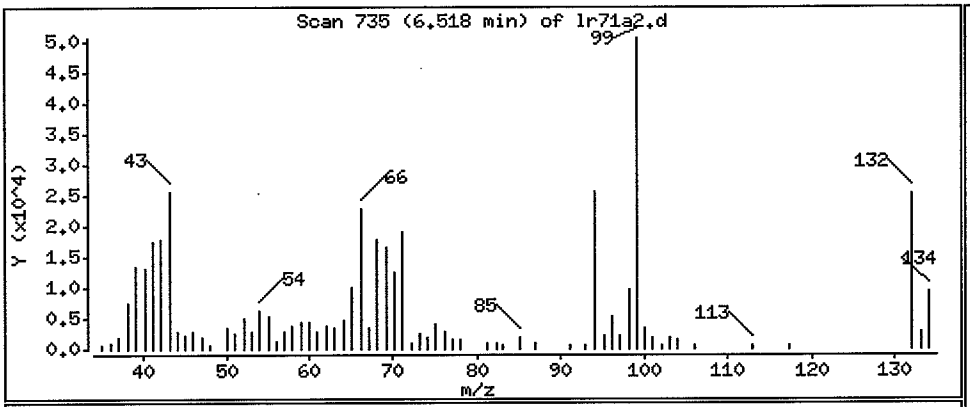
Operator: VTS

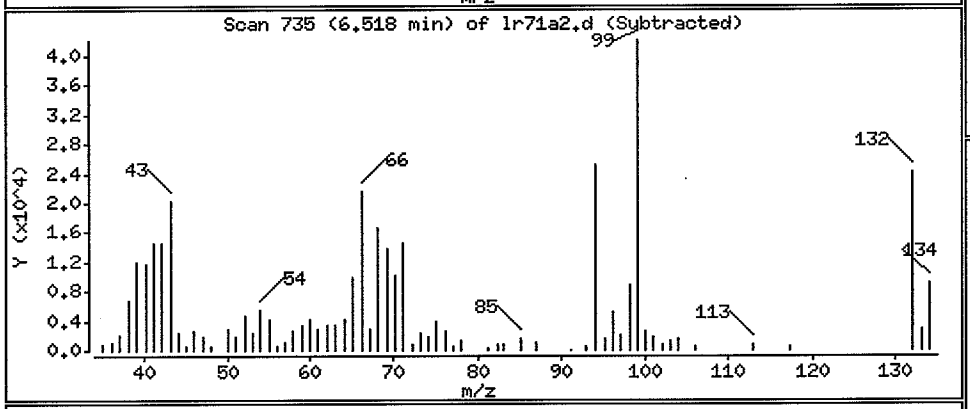
Column phase: ZB-5

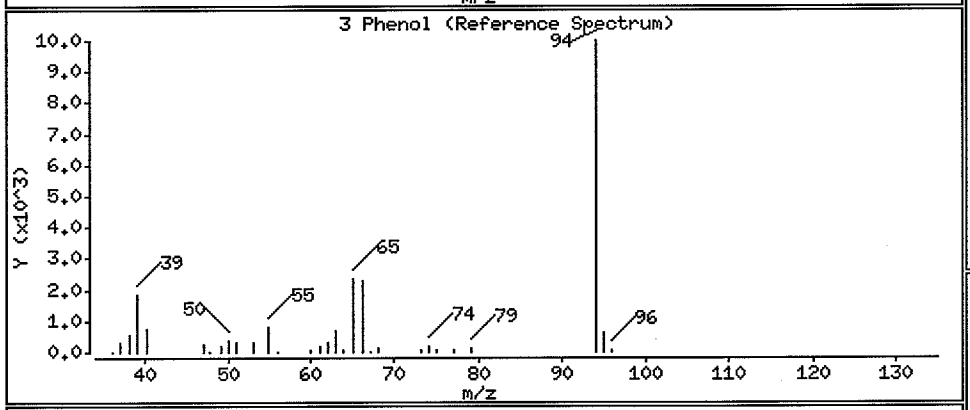
Column diameter: 0.32

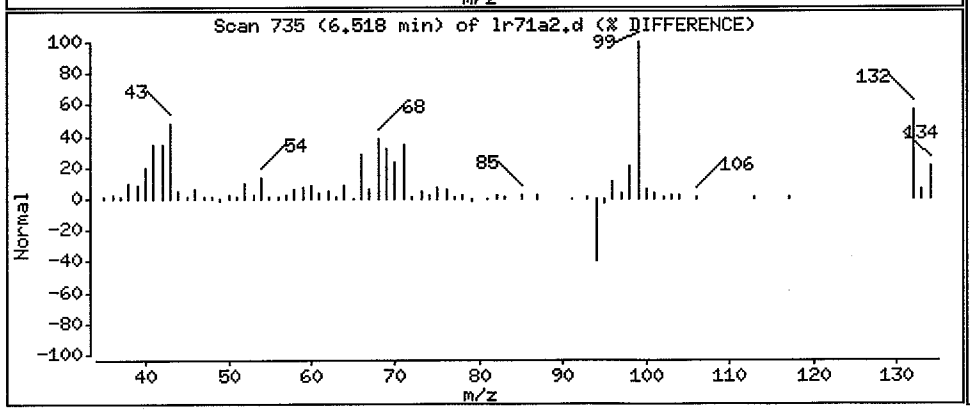
3 Phenol

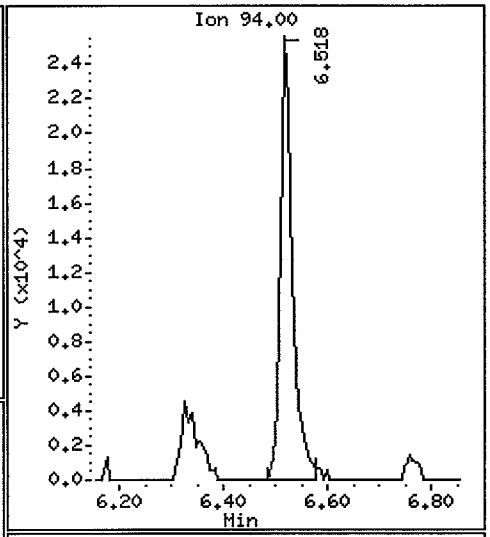
Concentration: 49.25 ug/Kg

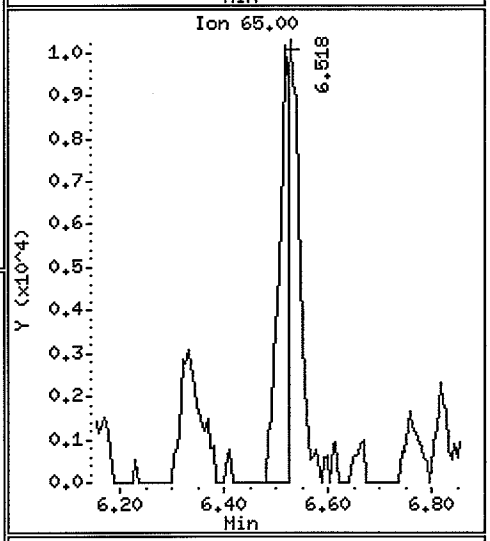


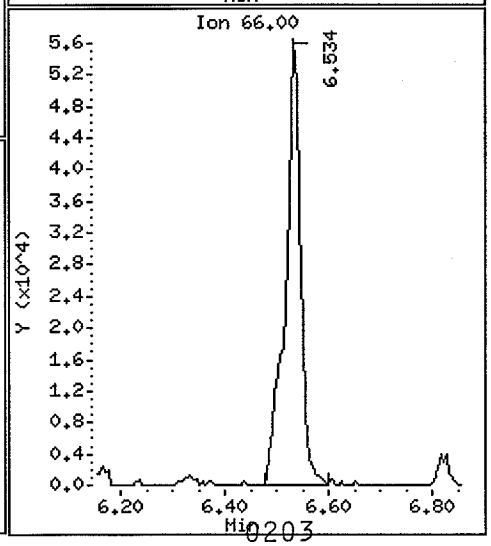












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

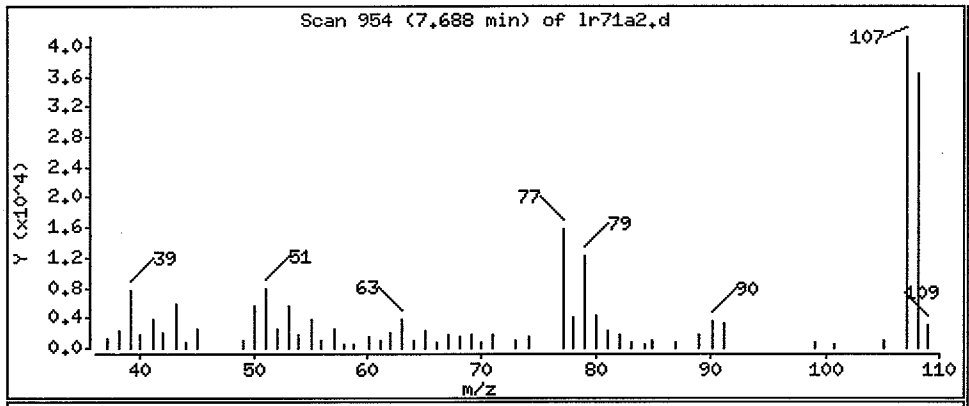
Operator: VTS

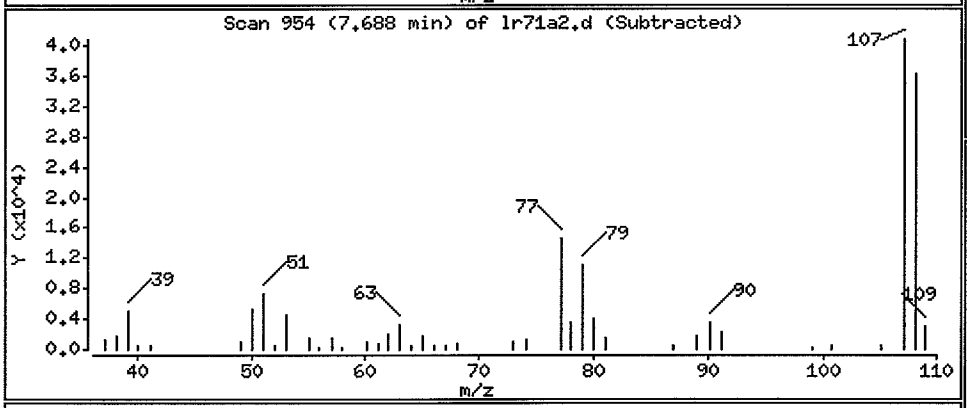
Column phase: ZB-5

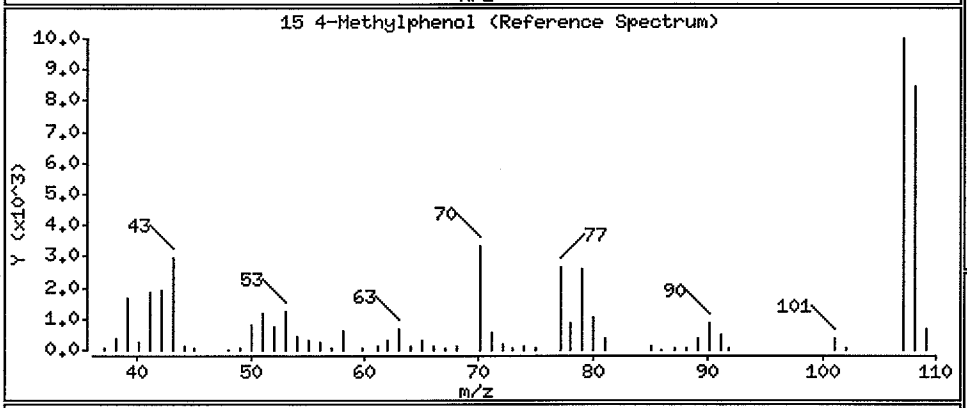
Column diameter: 0.32

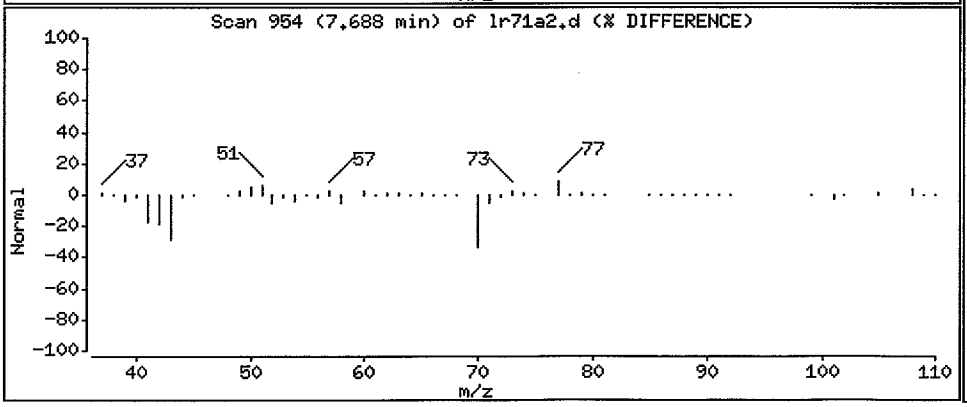
15 4-Methylphenol

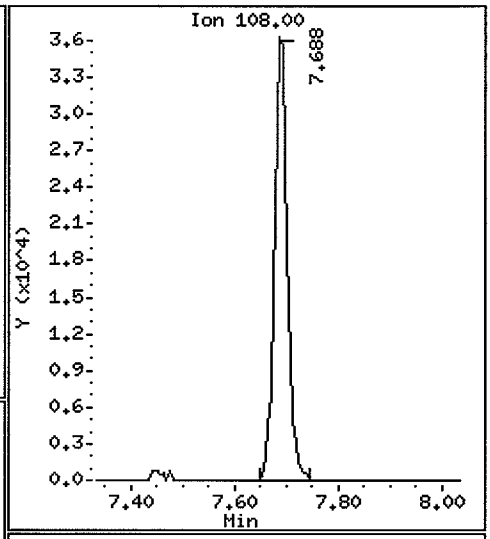
Concentration: 108.9 ug/Kg

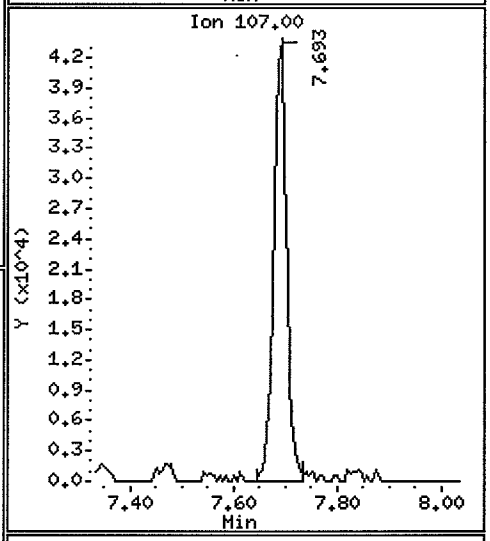


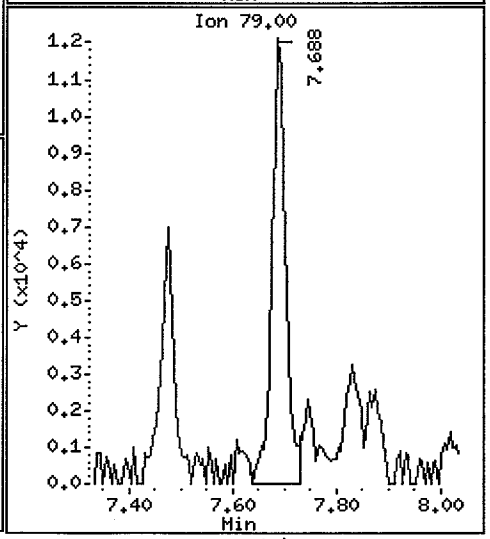












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

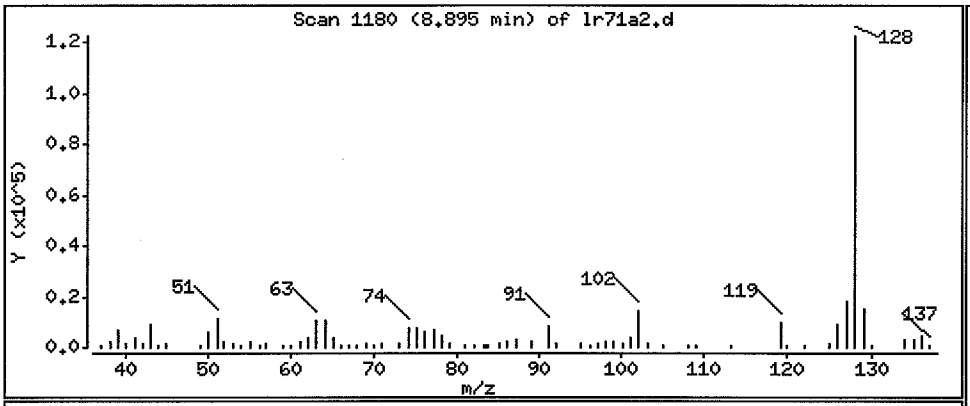
Operator: VTS

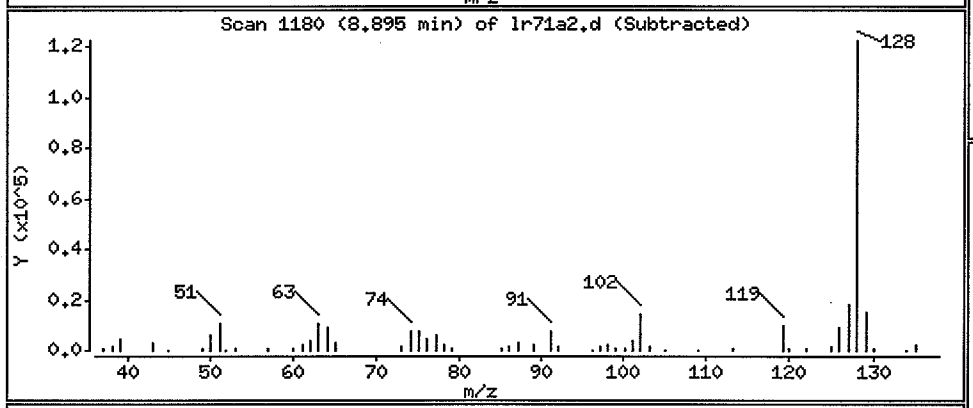
Column phase: ZB-5

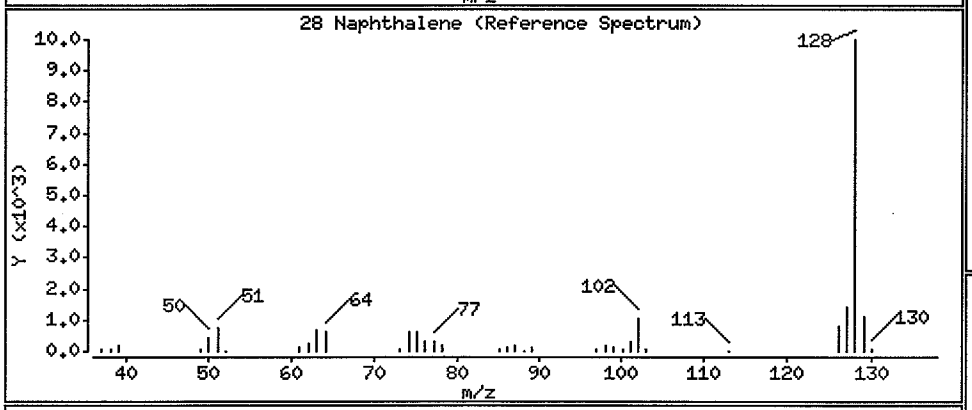
Column diameter: 0.32

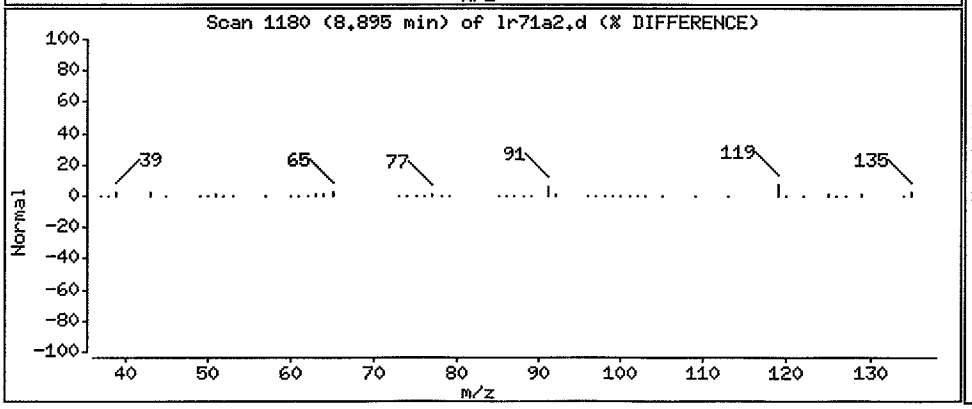
28 Naphthalene

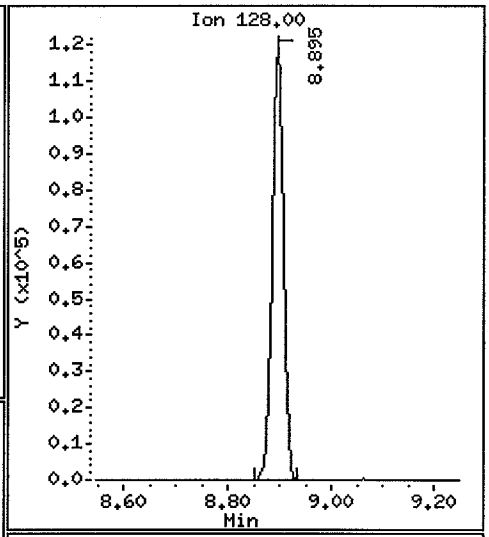
Concentration: 102.8 ug/Kg

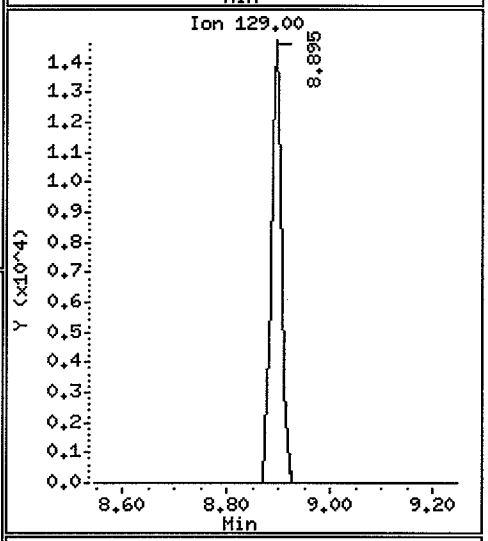


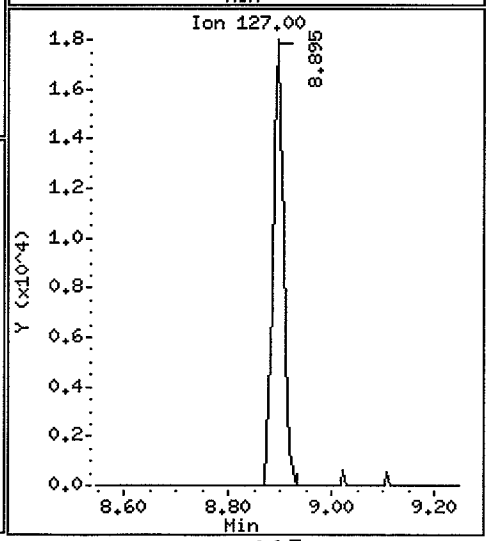












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

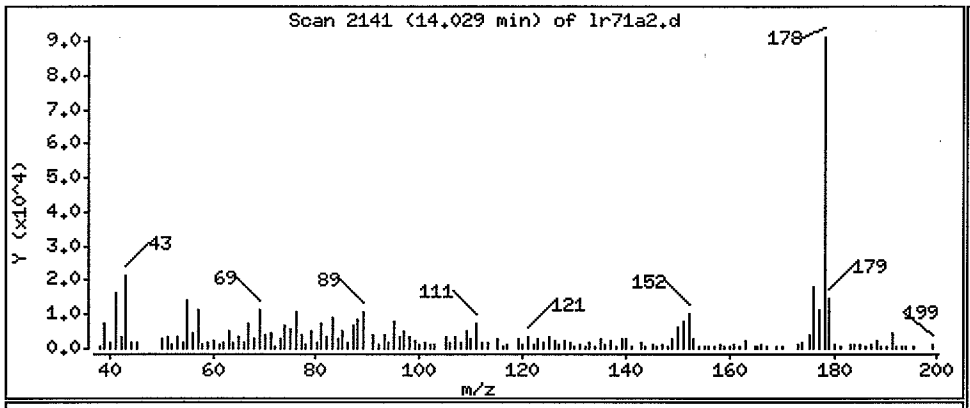
Operator: VTS

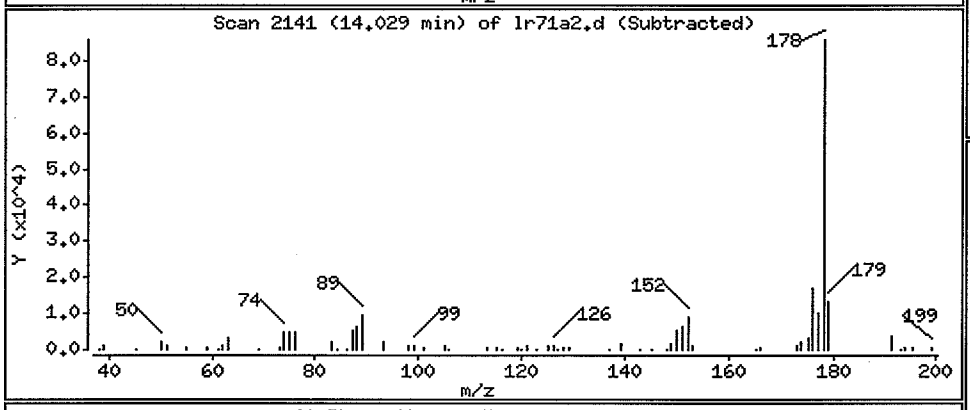
Column phase: ZB-5

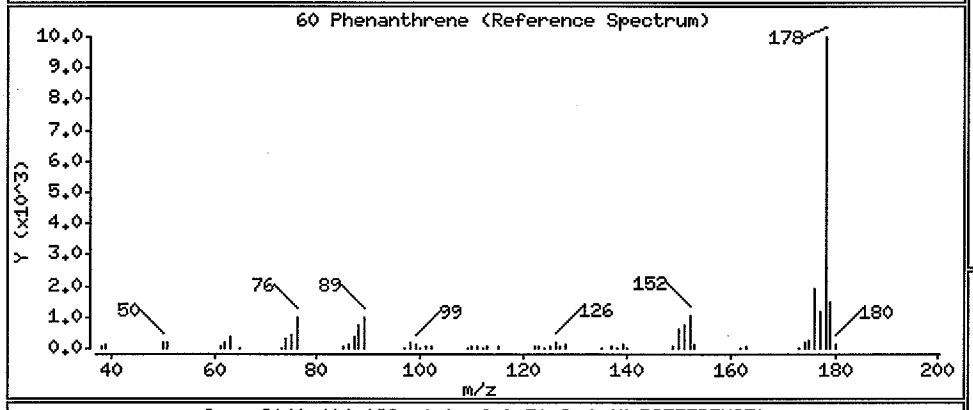
Column diameter: 0.32

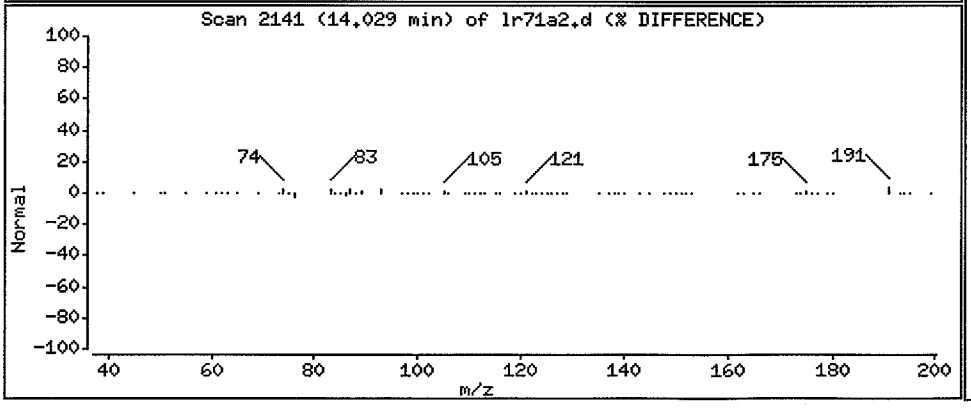
60 Phenanthrene

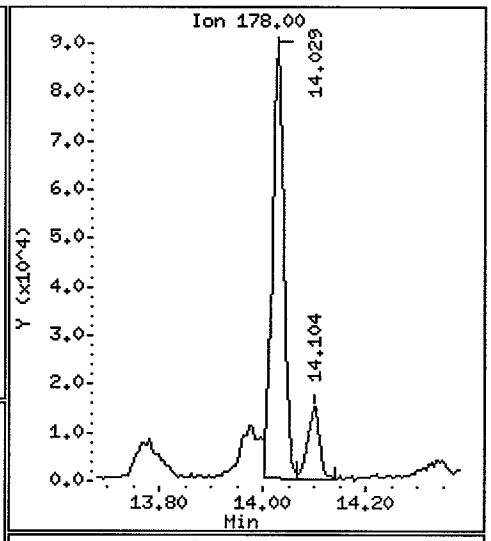
Concentration: 91.39 ug/Kg

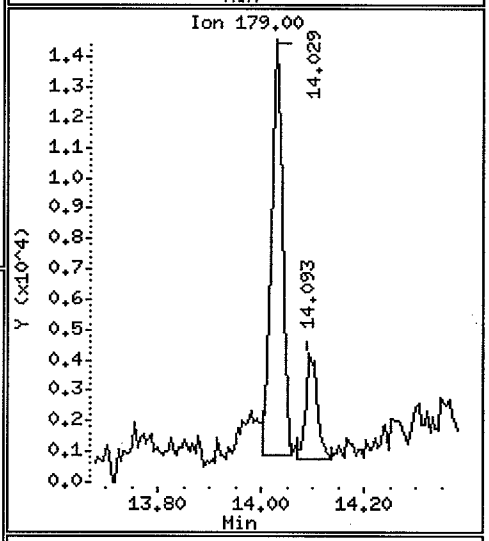


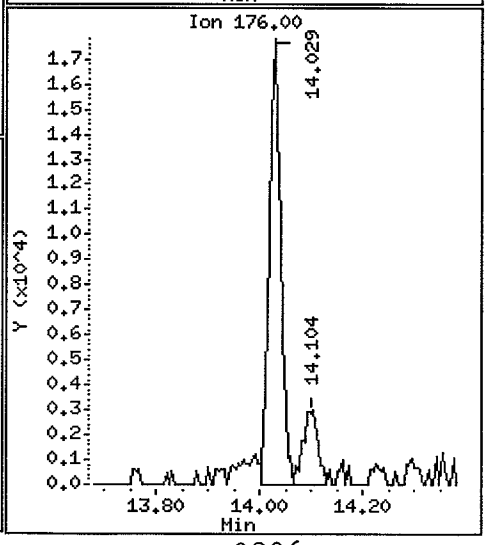












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

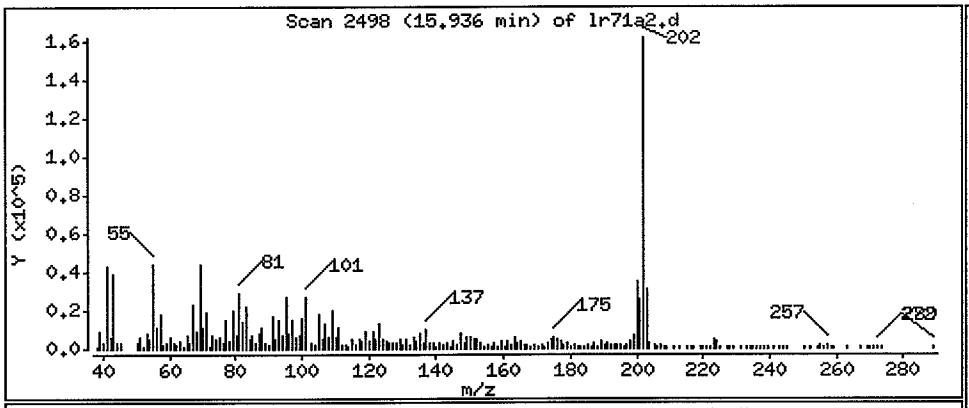
Operator: VTS

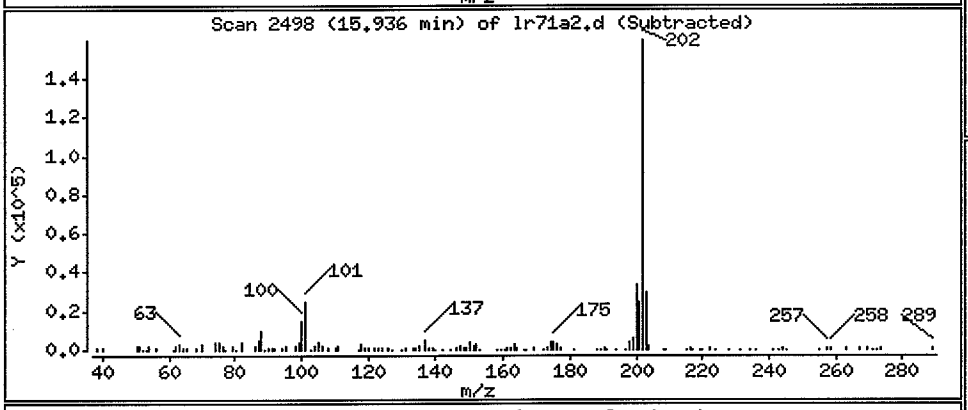
Column phase: ZB-5

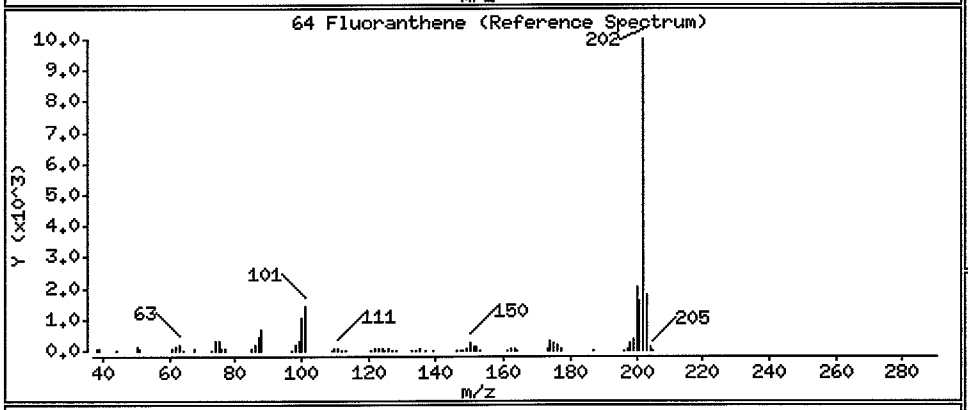
Column diameter: 0.32

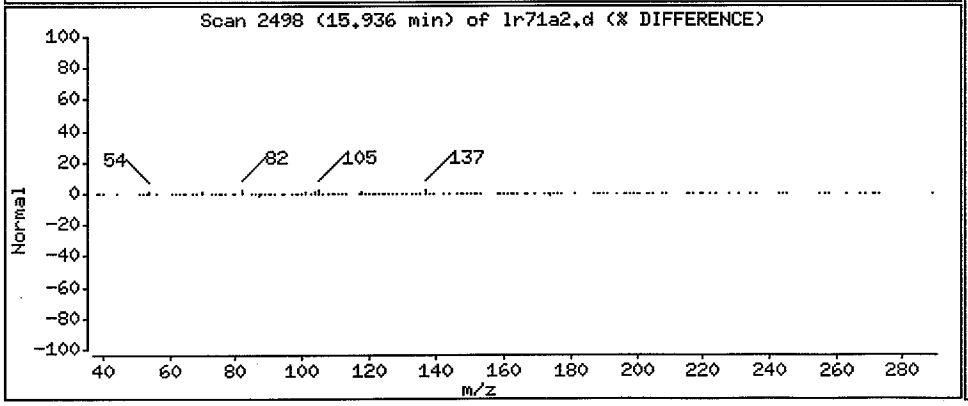
64 Fluoranthene

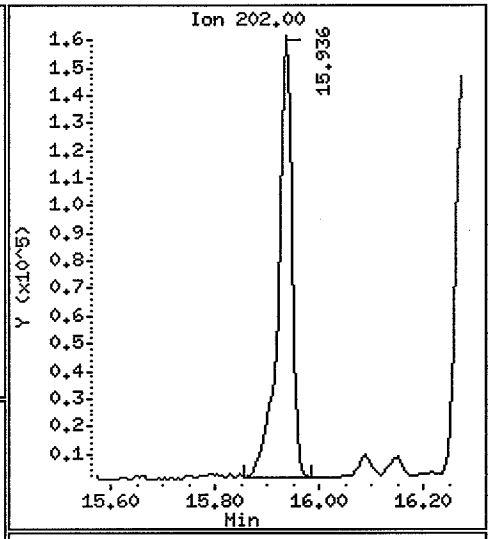
Concentration: 181.3 ug/Kg

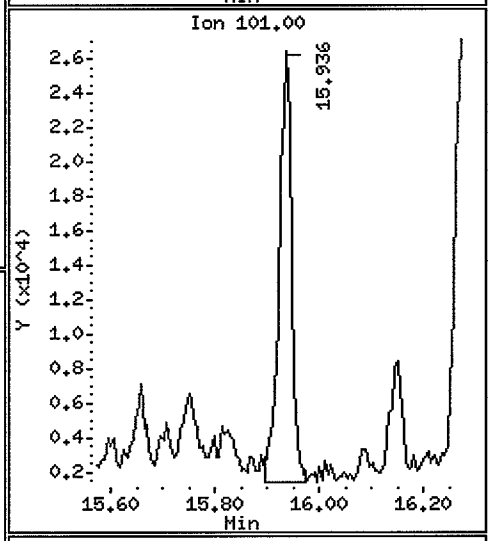


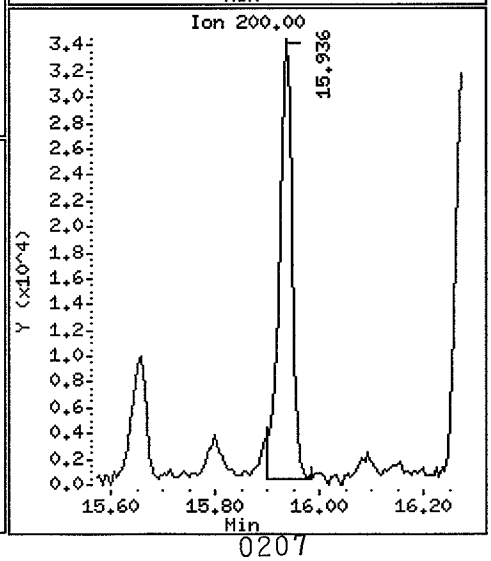












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

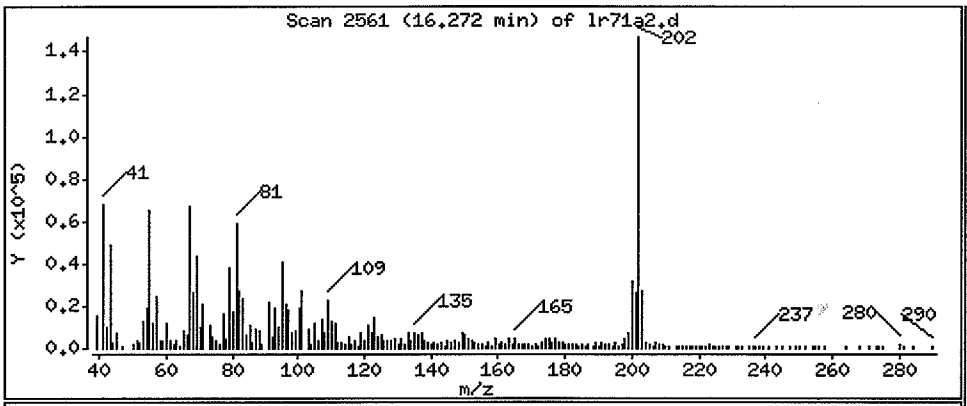
Operator: VTS

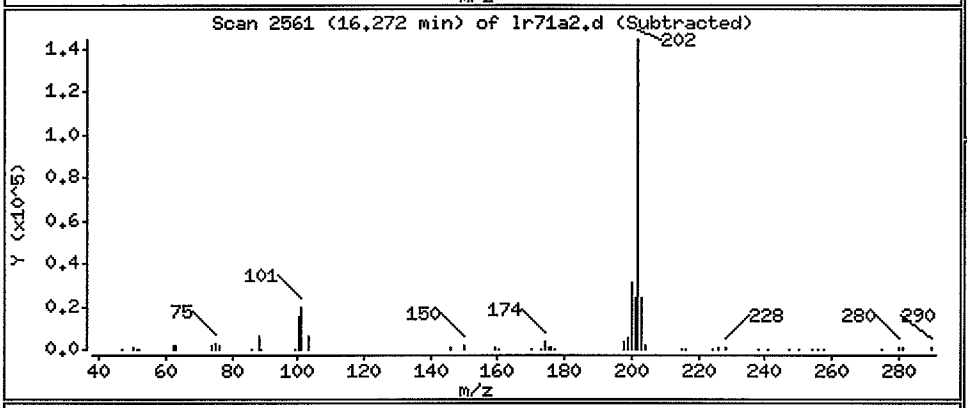
Column phase: ZB-5

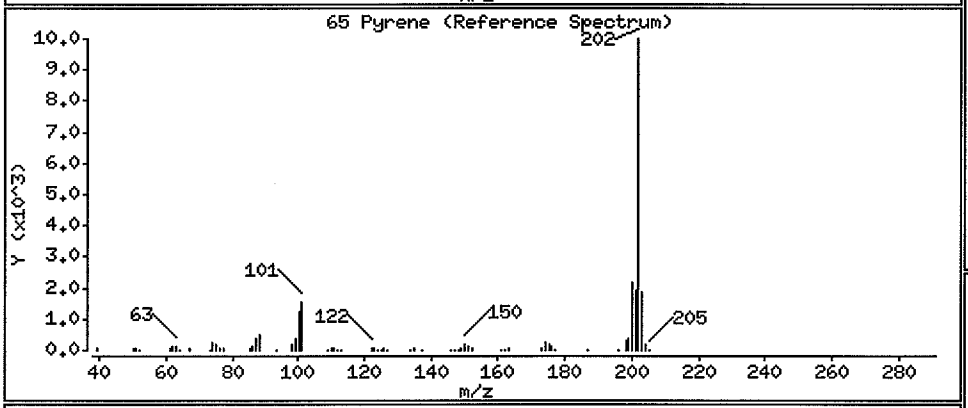
Column diameter: 0.32

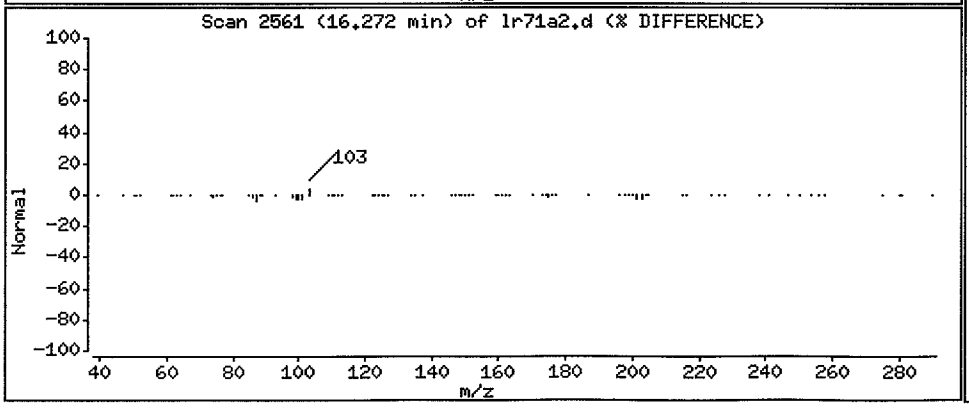
65 Pyrene

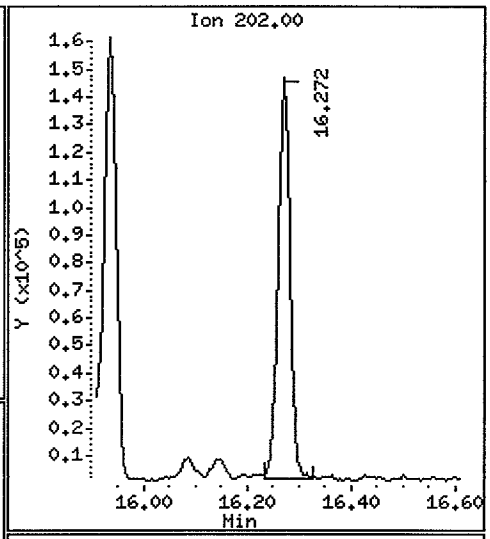
Concentration: 116.3 ug/Kg

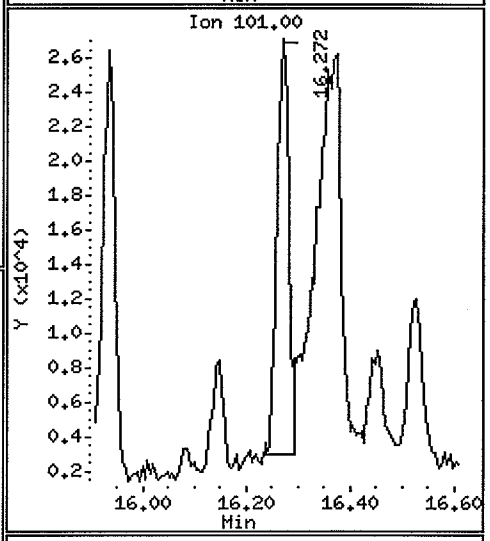


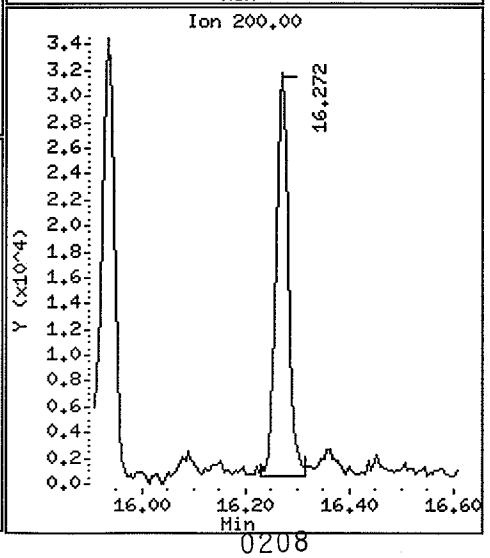












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

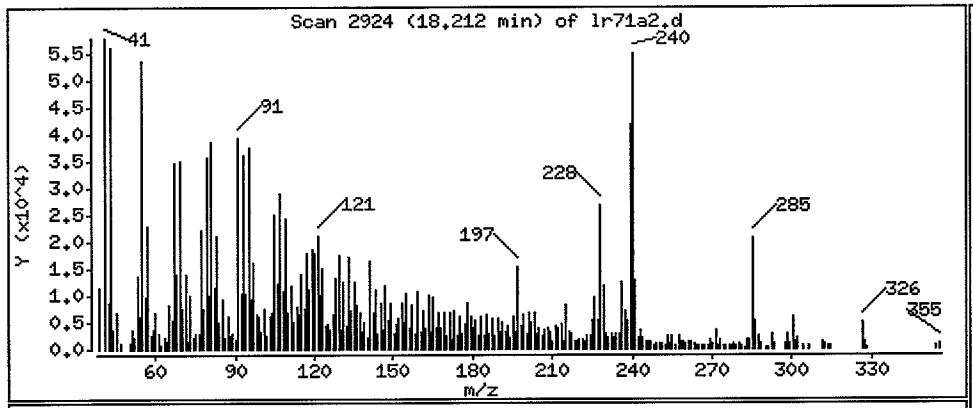
Operator: VTS

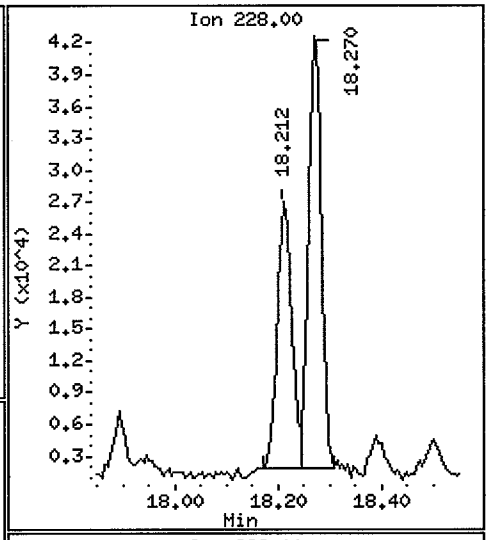
Column phase: ZB-5

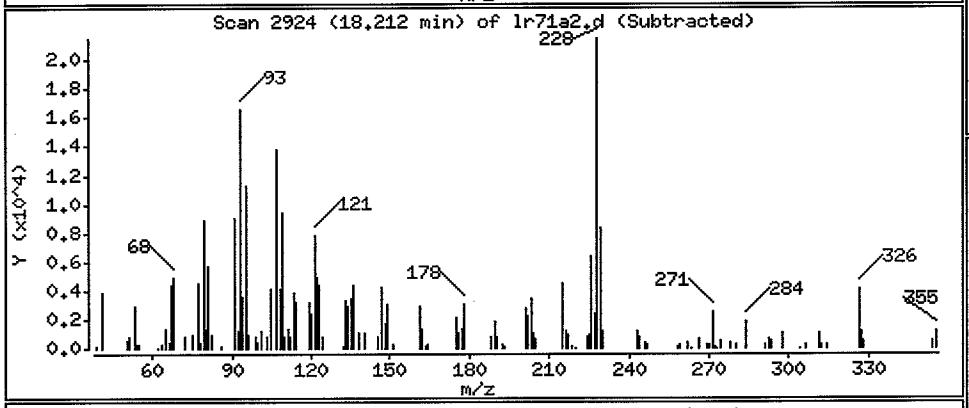
Column diameter: 0.32

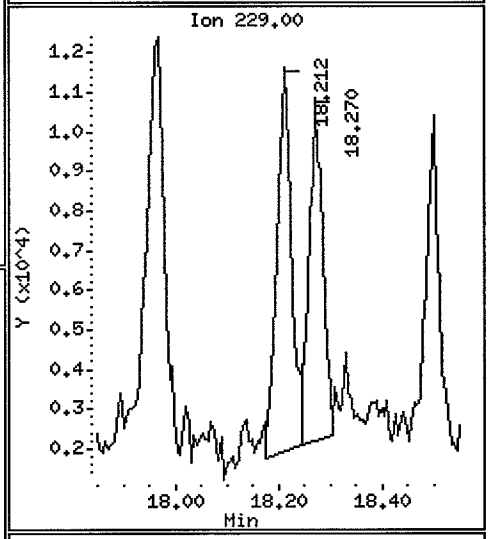
68 Benzo(a)anthracene

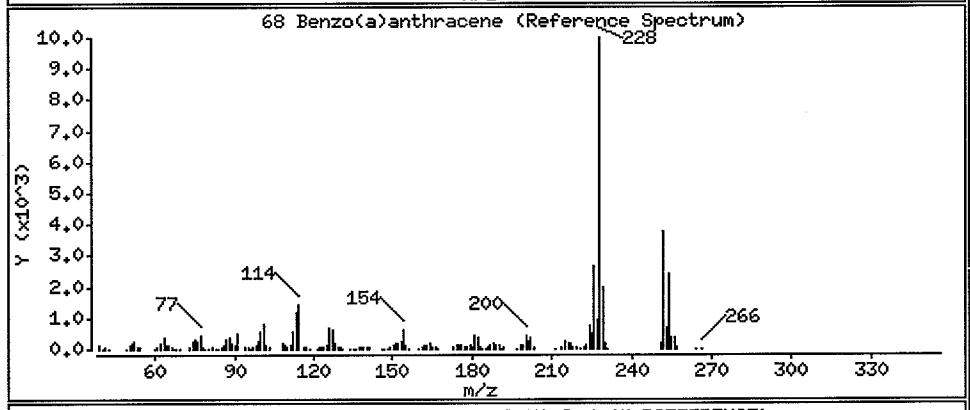
Concentration: 26.59 ug/Kg

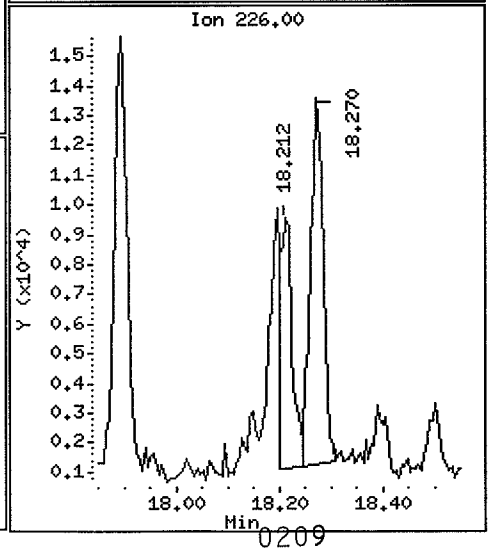


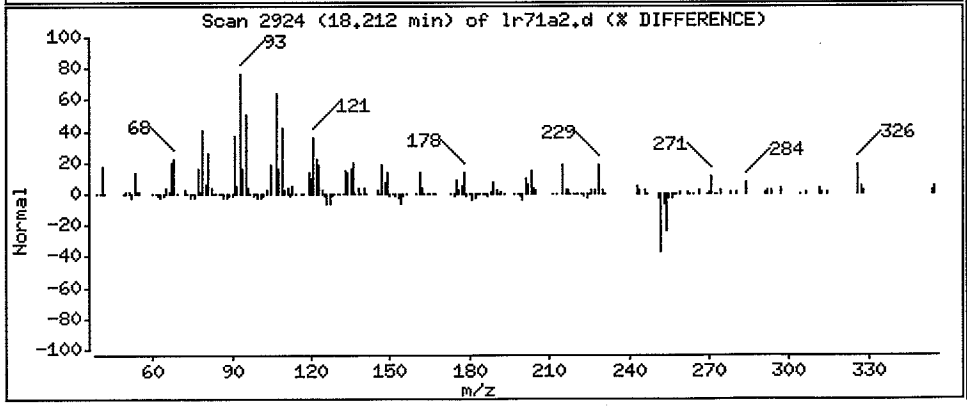












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

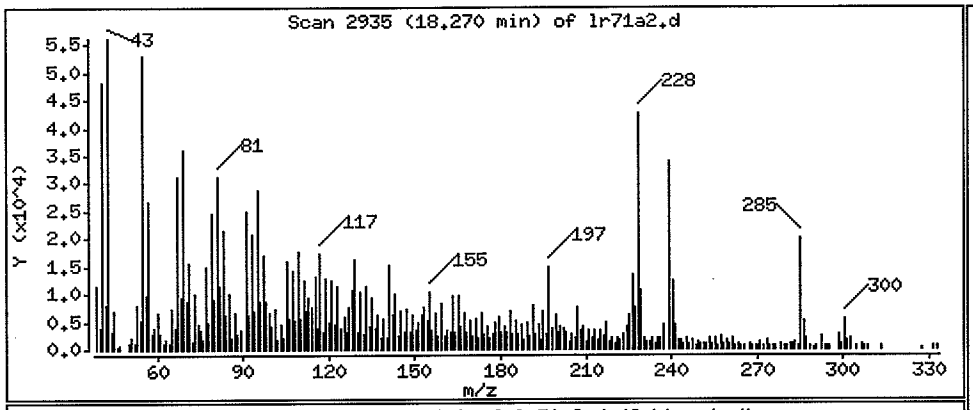
Operator: VTS

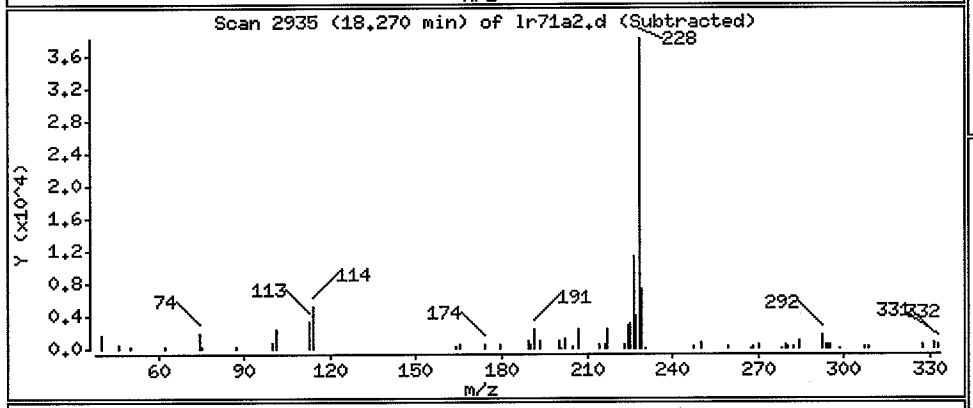
Column phase: ZB-5

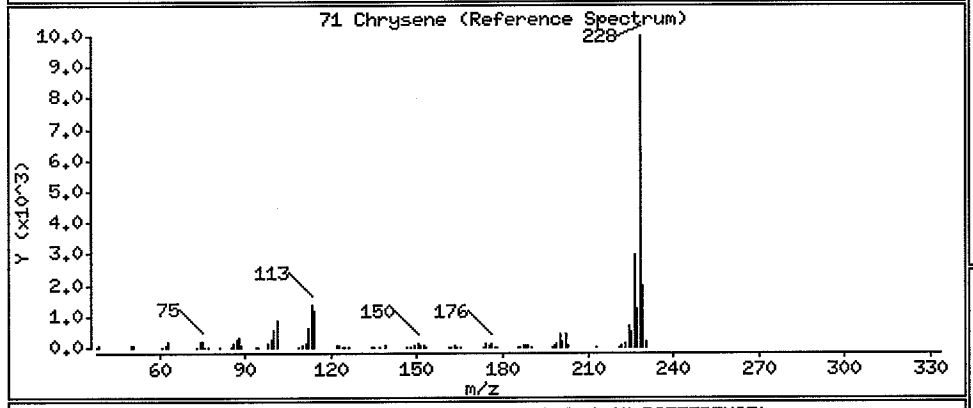
Column diameter: 0.32

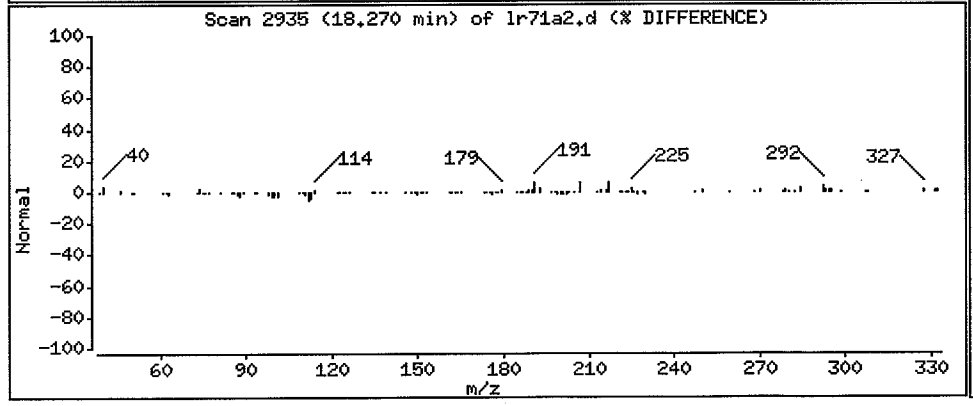
71 Chrysene

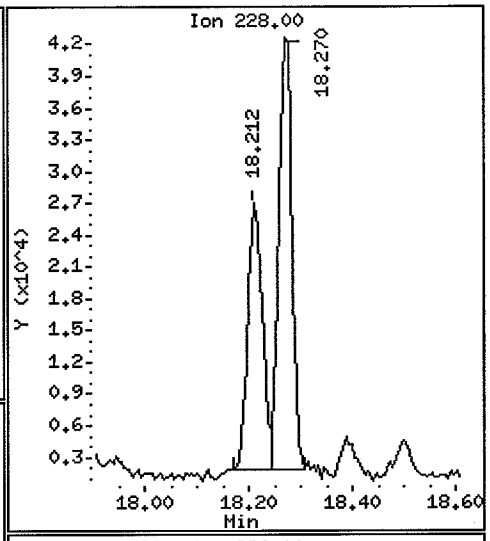
Concentration: 40.17 ug/Kg

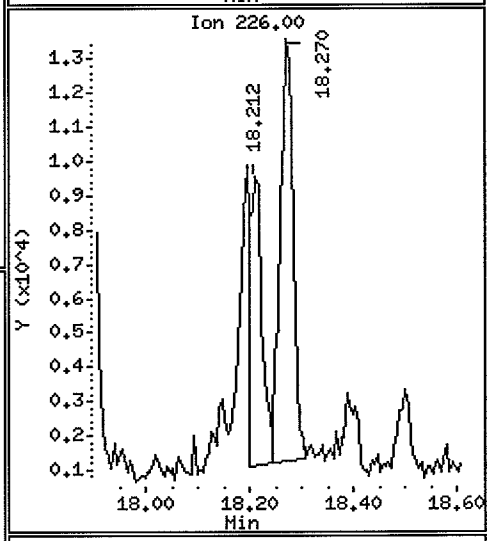


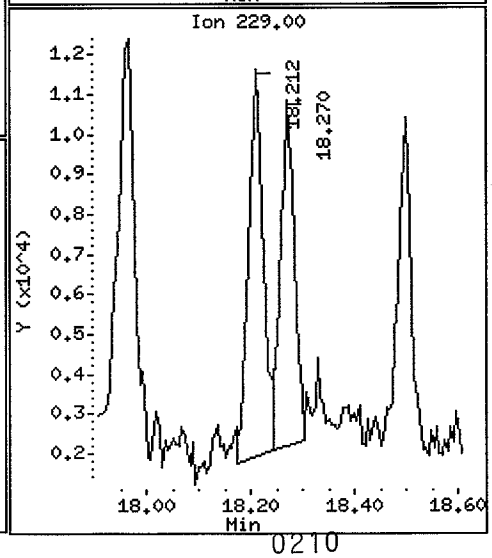












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

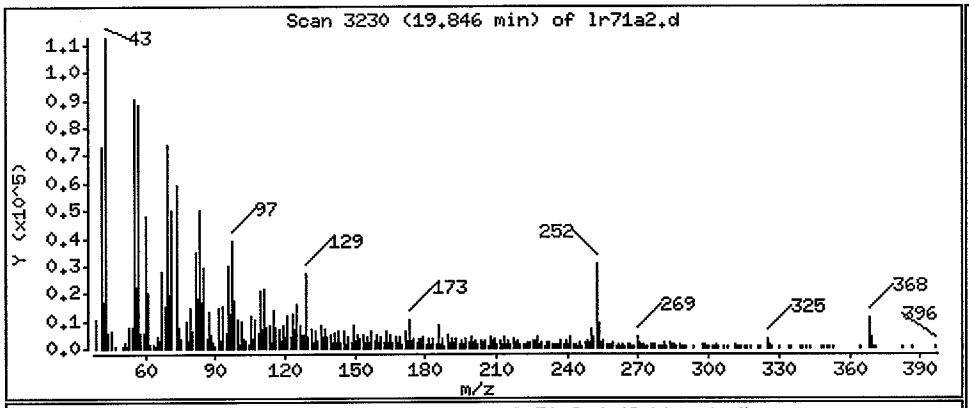
Operator: VTS

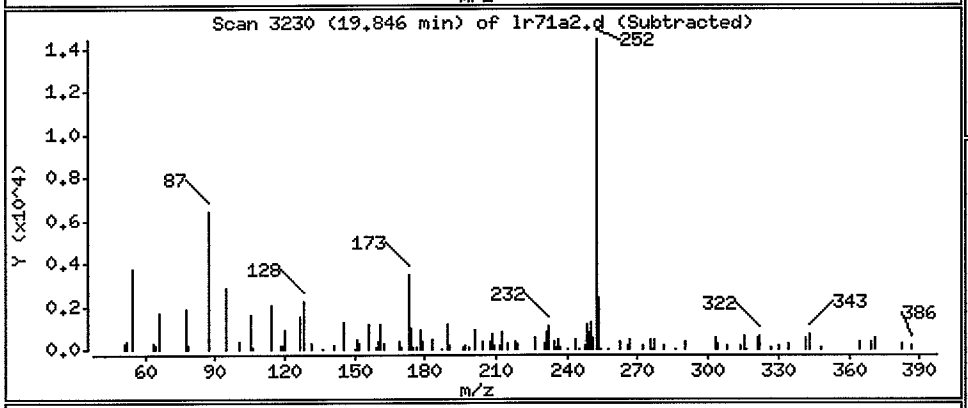
Column phase: ZB-5

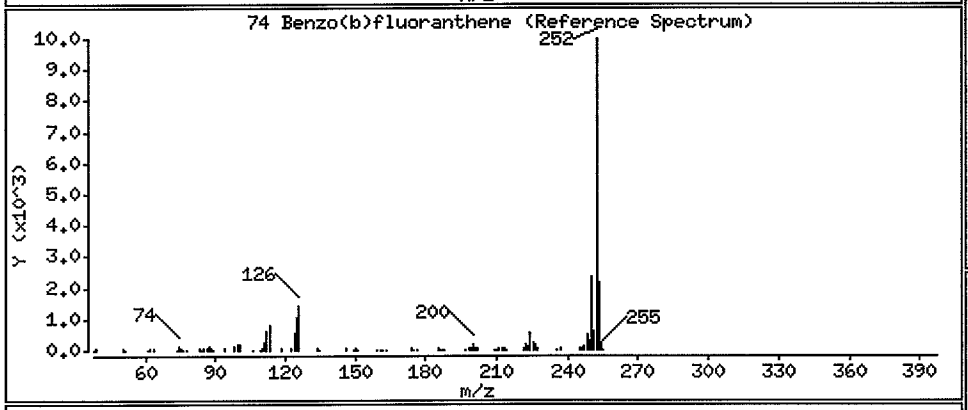
Column diameter: 0.32

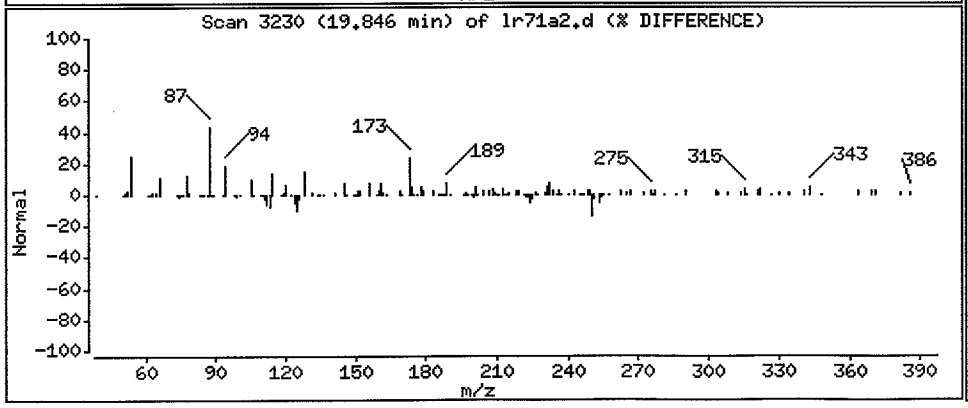
74 Benzo(b)fluoranthene

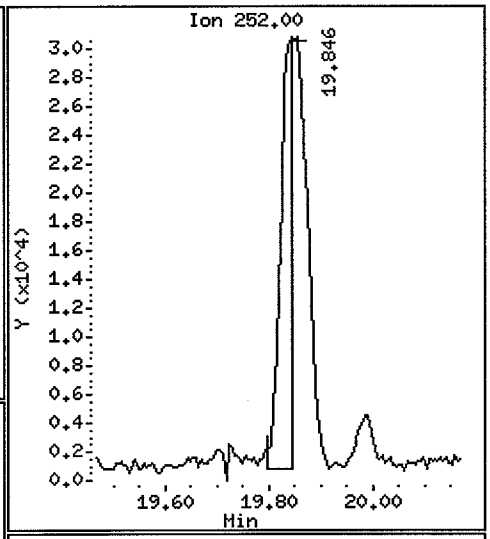
Concentration: 30.54 ug/Kg

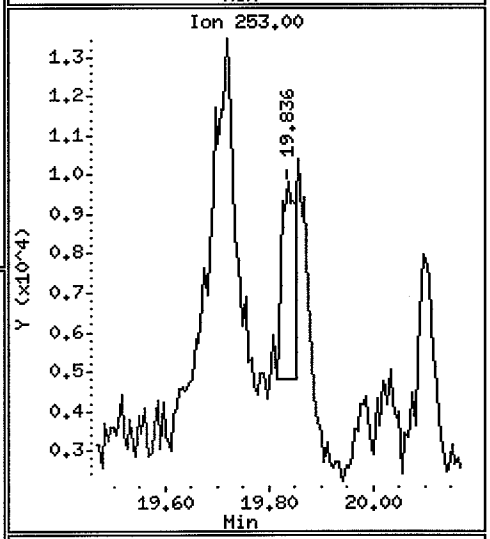


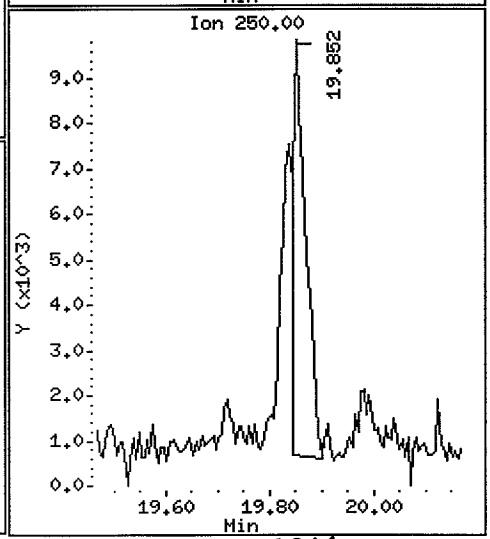












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

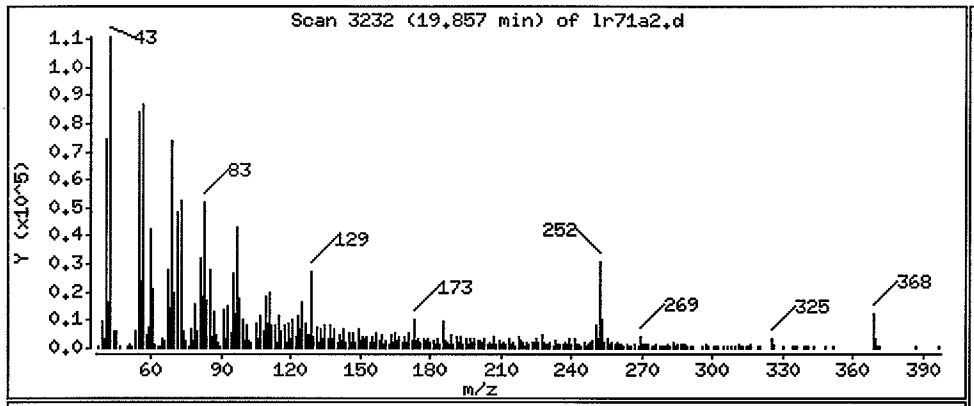
Operator: VTS

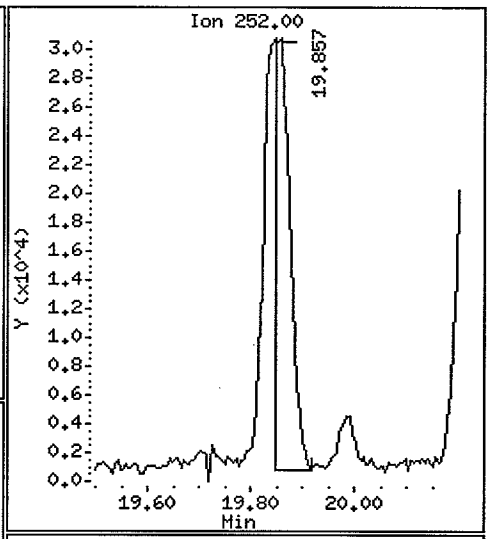
Column phase: ZB-5

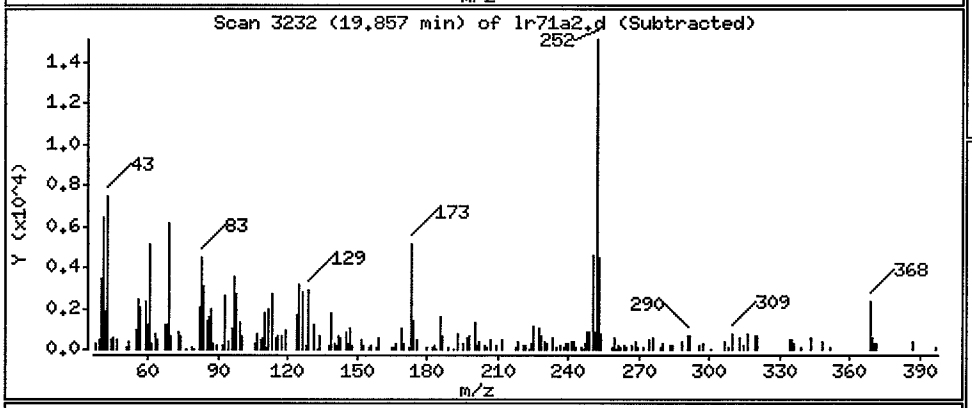
Column diameter: 0.32

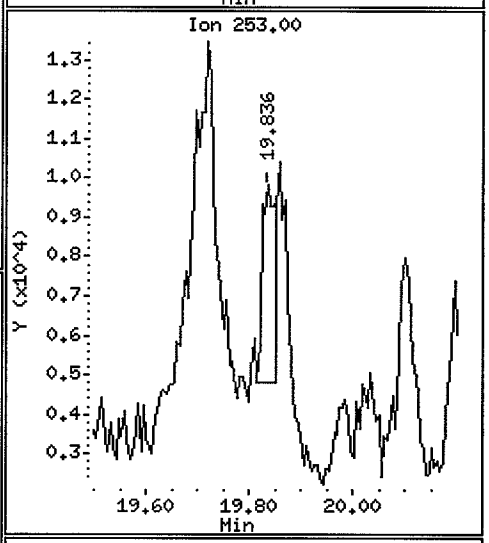
75 Benzo(k)fluoranthene

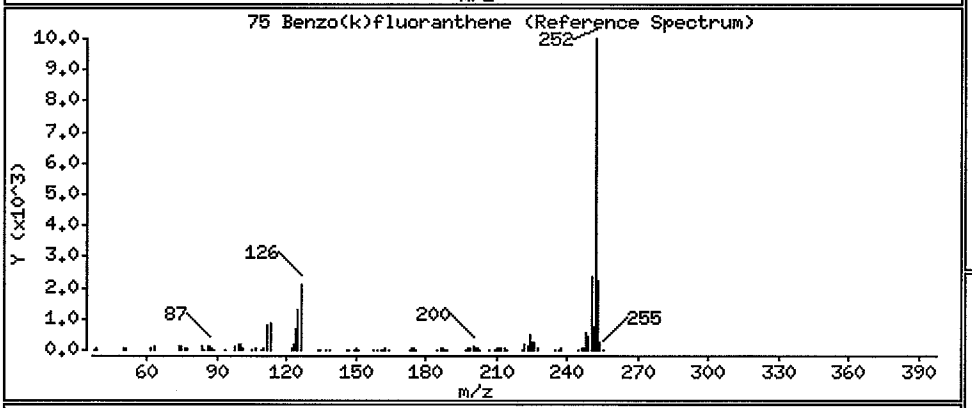
Concentration: 34.44 ug/Kg

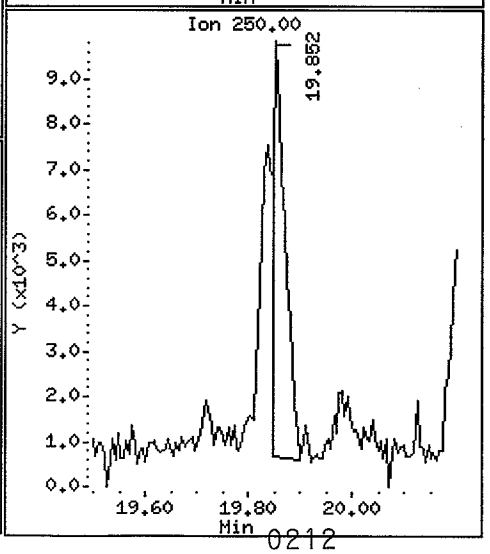


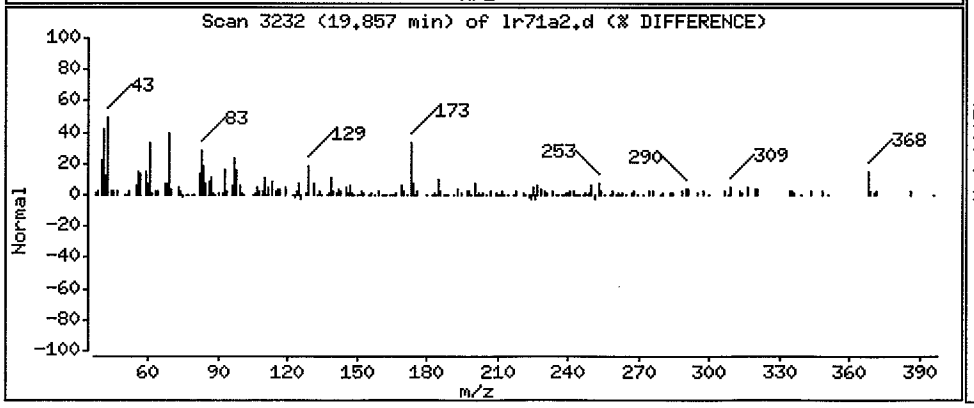












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

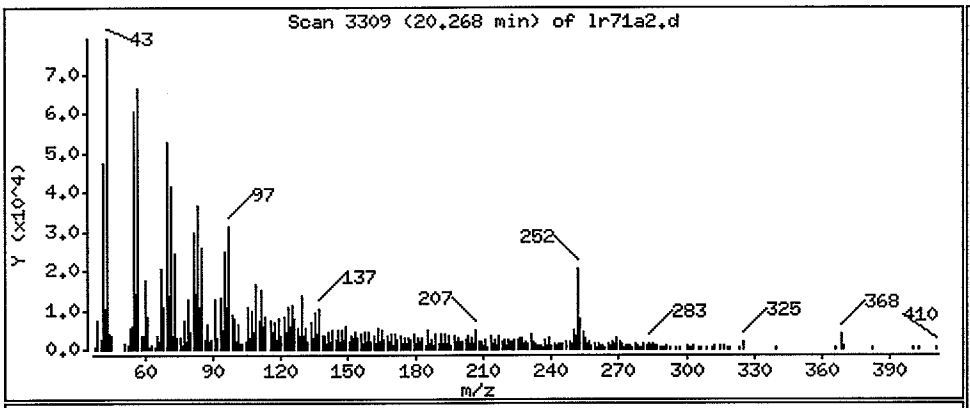
Operator: VTS

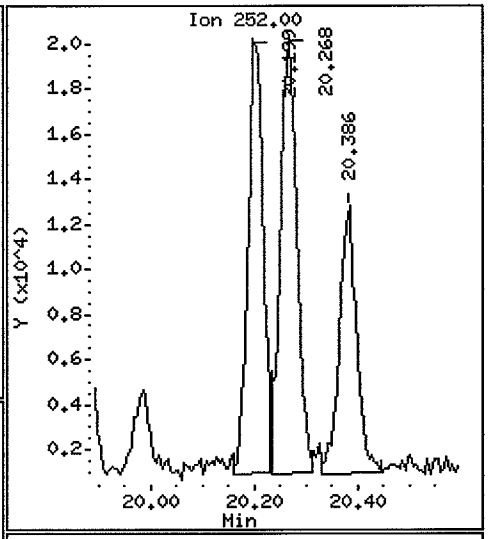
Column phase: ZB-5

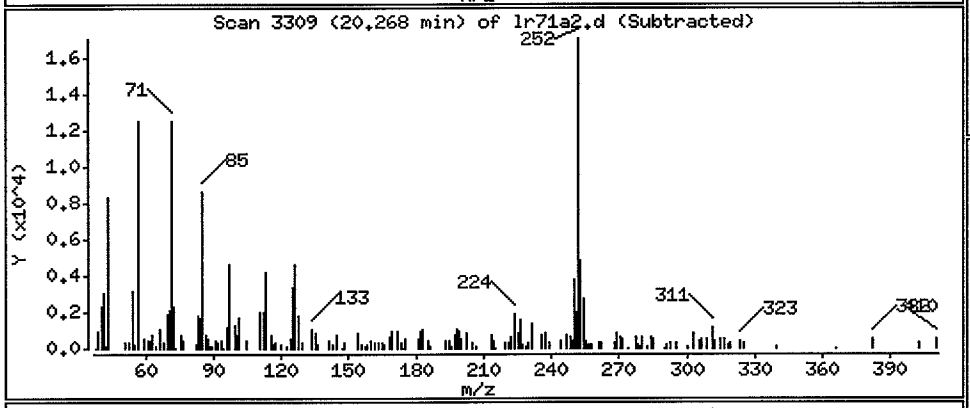
Column diameter: 0.32

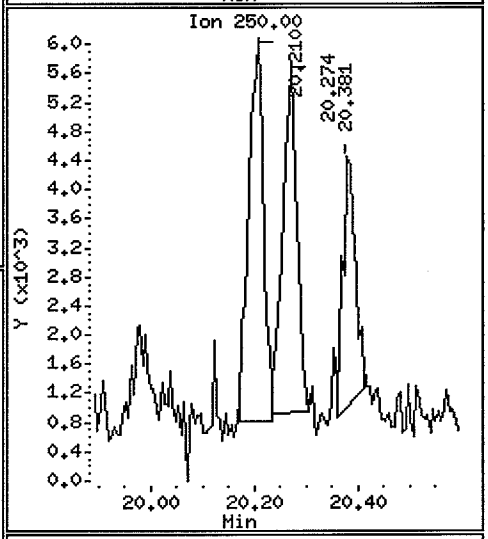
76 Benzo(a)pyrene

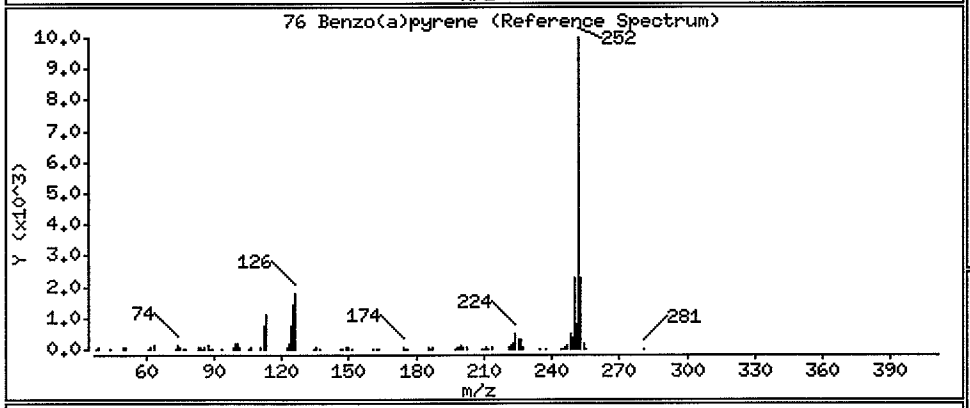
Concentration: 29.18 ug/Kg

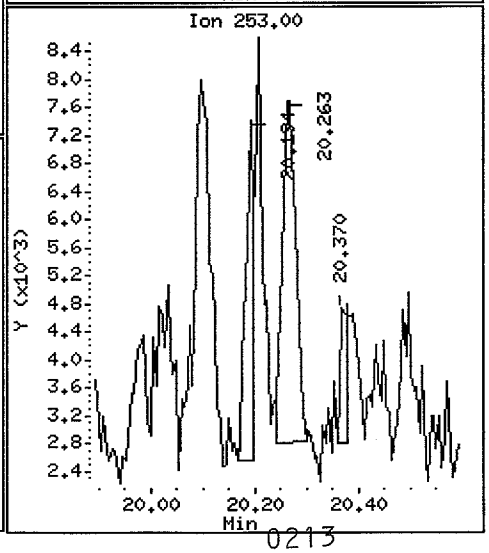


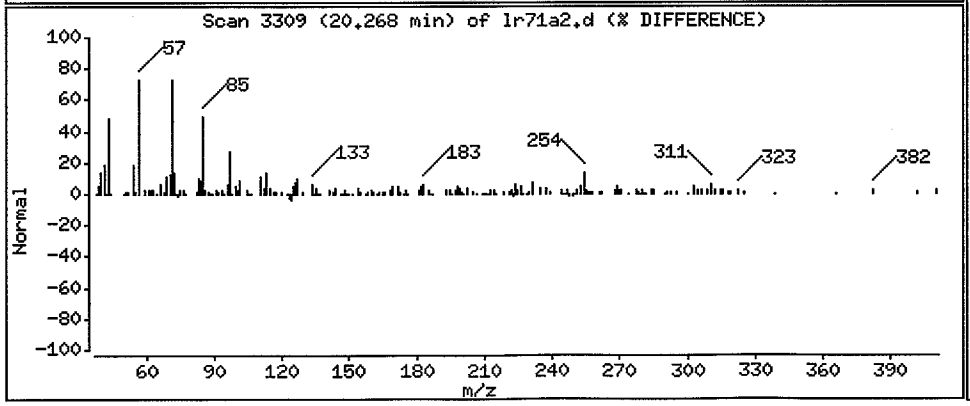






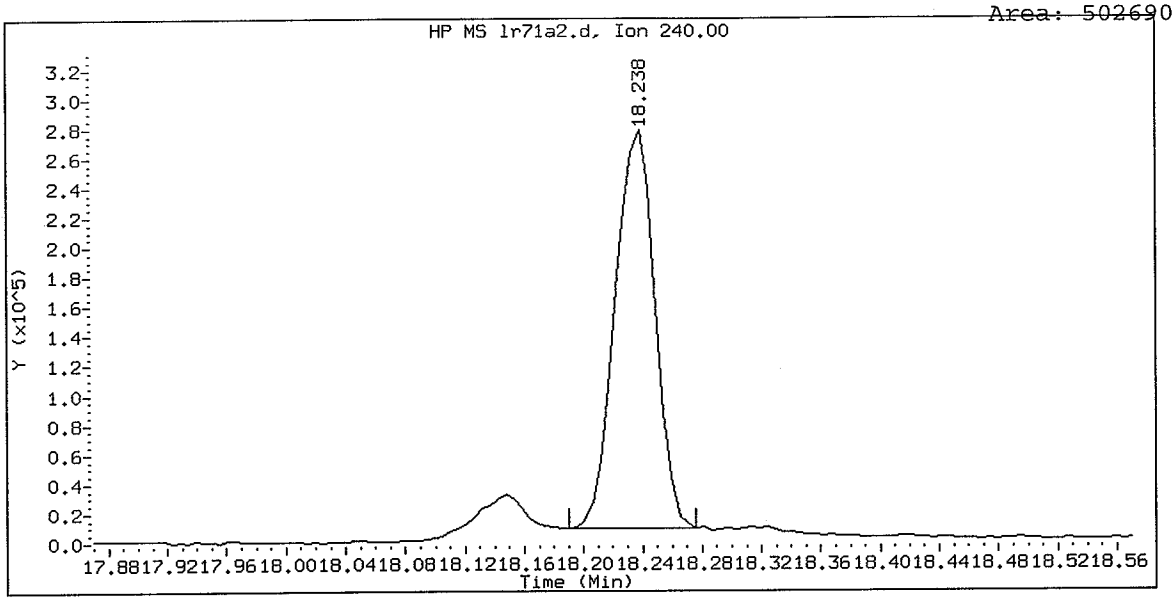


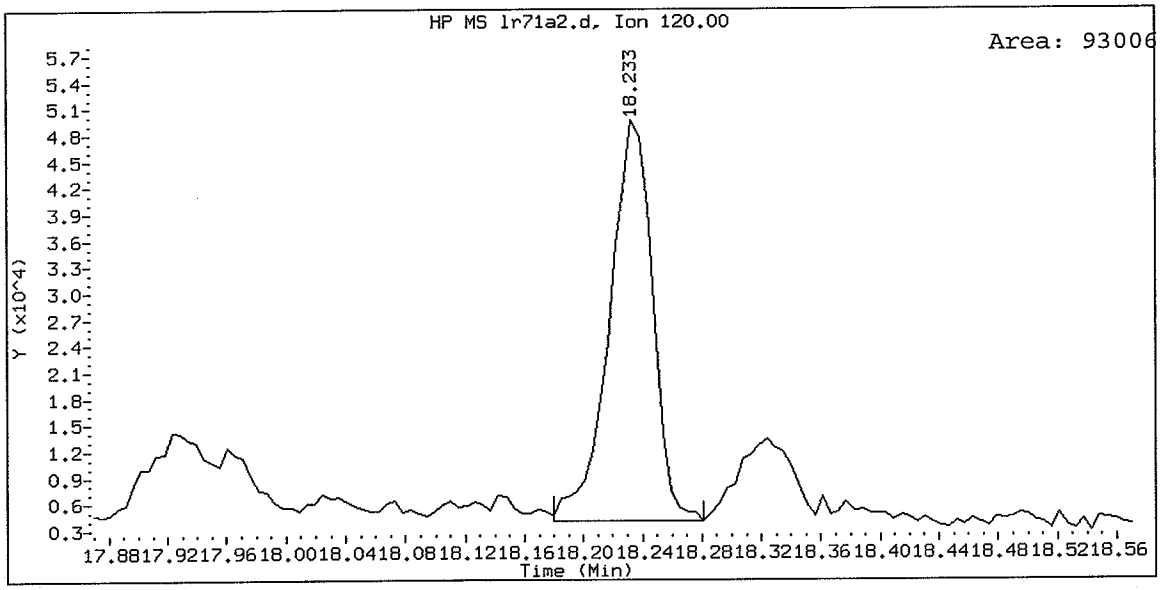


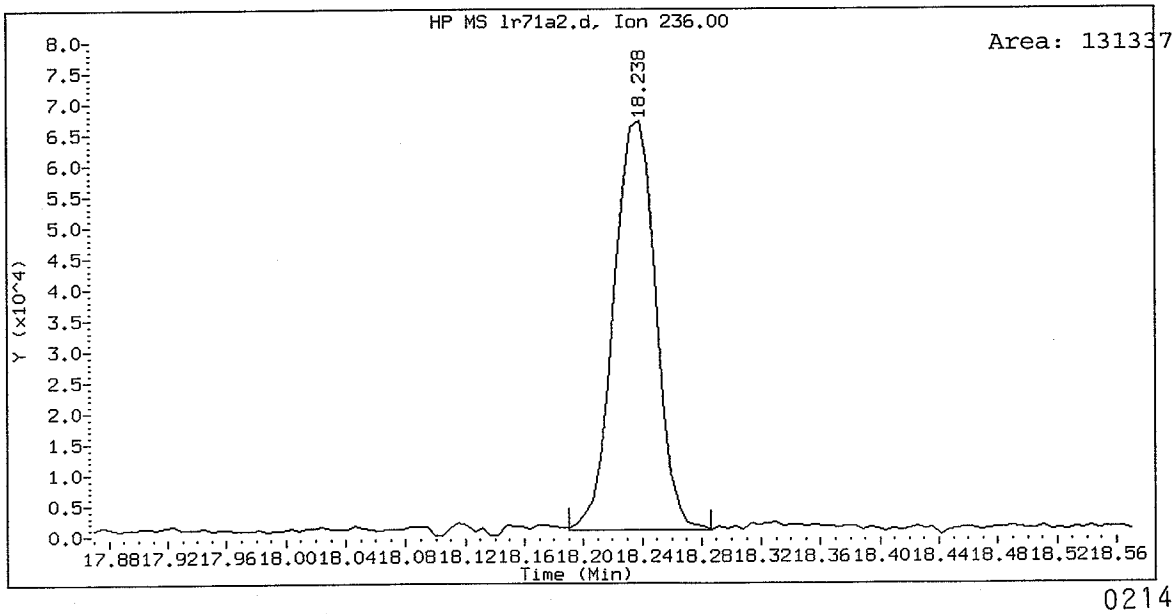


LR71ARE, /chem3/nt4.i/20071101.b/lr71a2.d
Chrysene-d12 Amount: 20.00

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

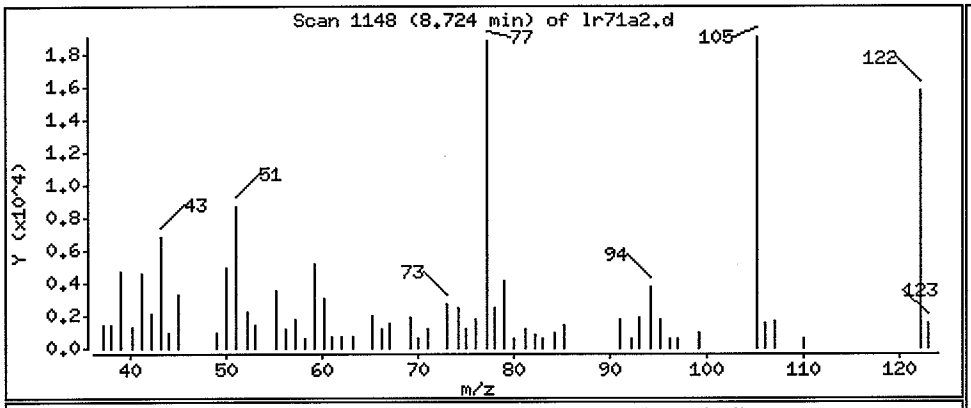
Operator: VTS

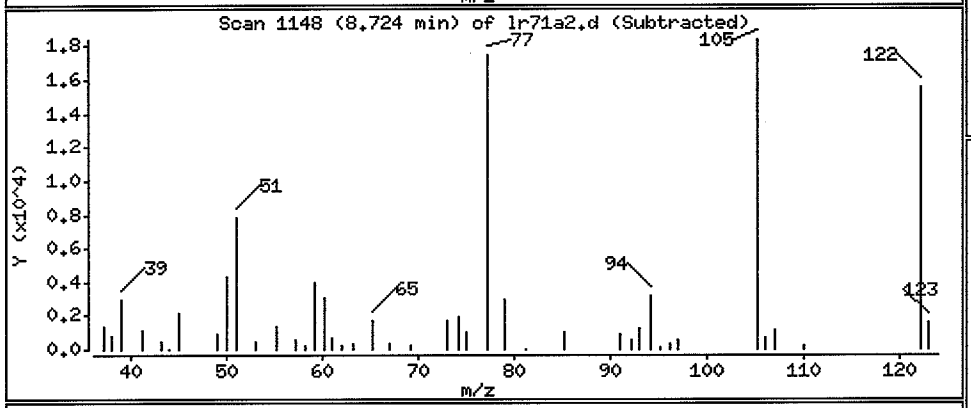
Column phase: ZB-5

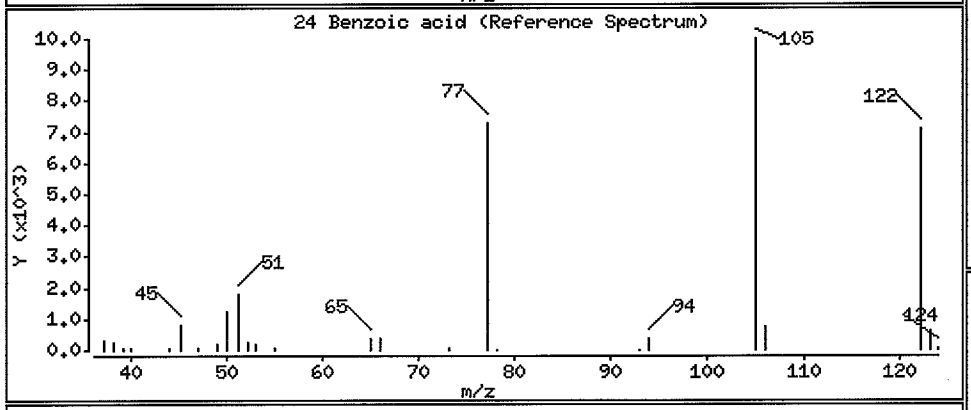
Column diameter: 0.32

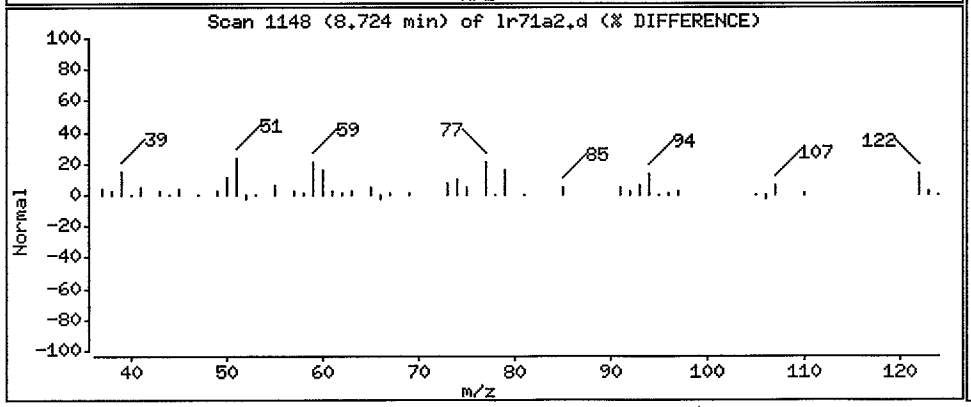
24 Benzoic acid

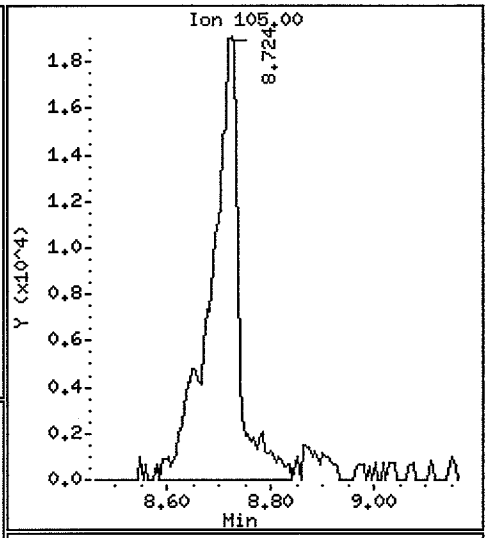
Concentration: 154.4 ug/Kg

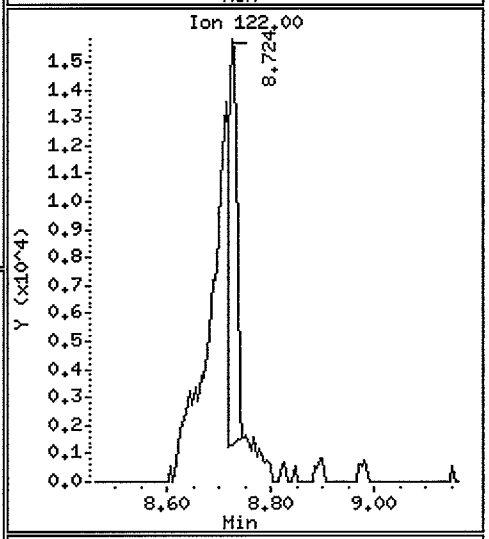


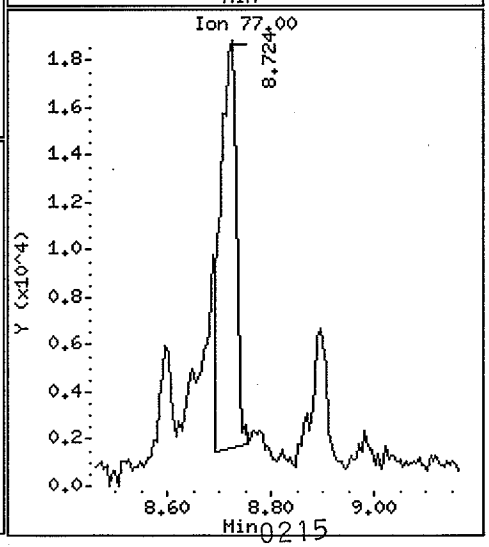












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

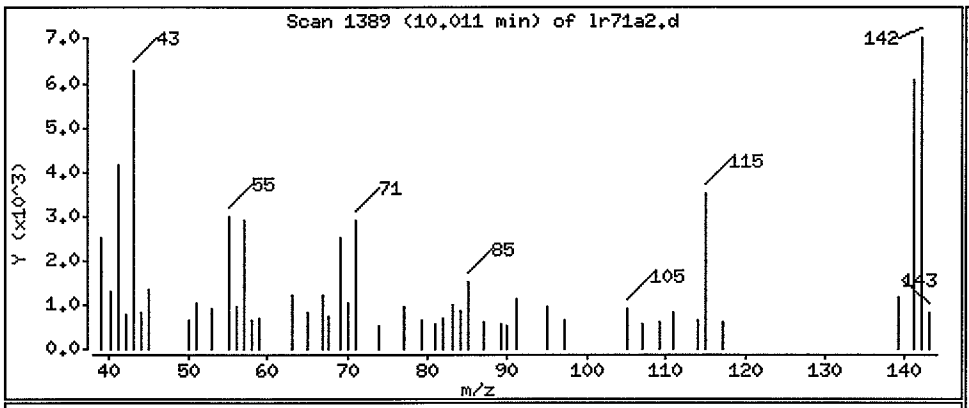
Operator: VTS

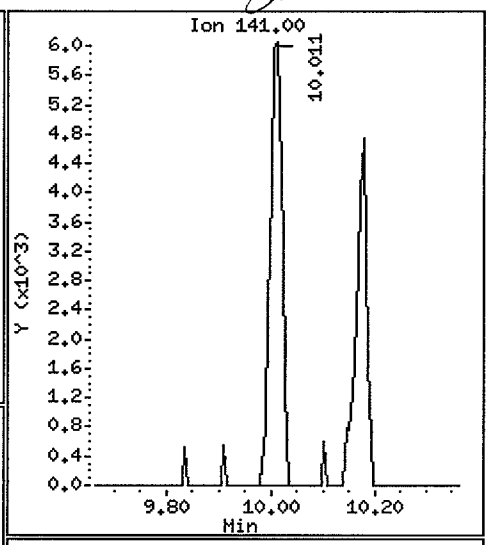
Column phase: ZB-5

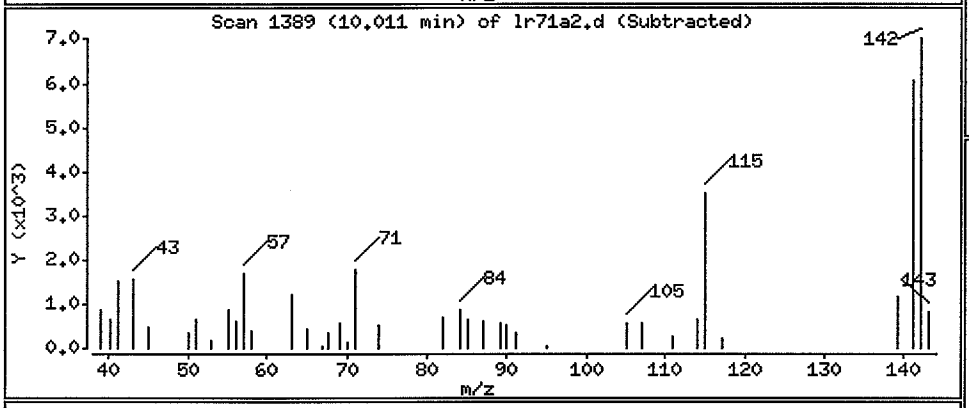
Column diameter: 0.32

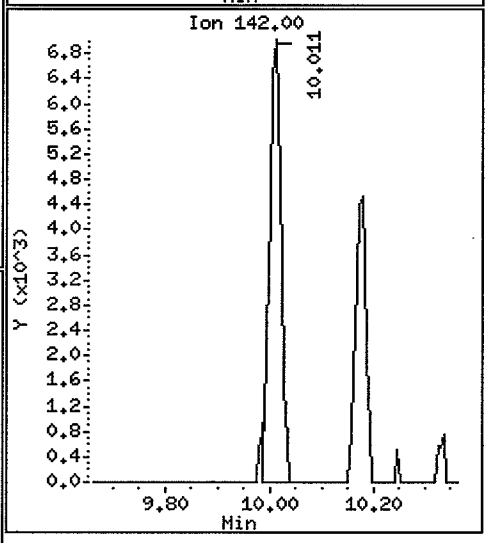
32 2-Methylnaphthalene

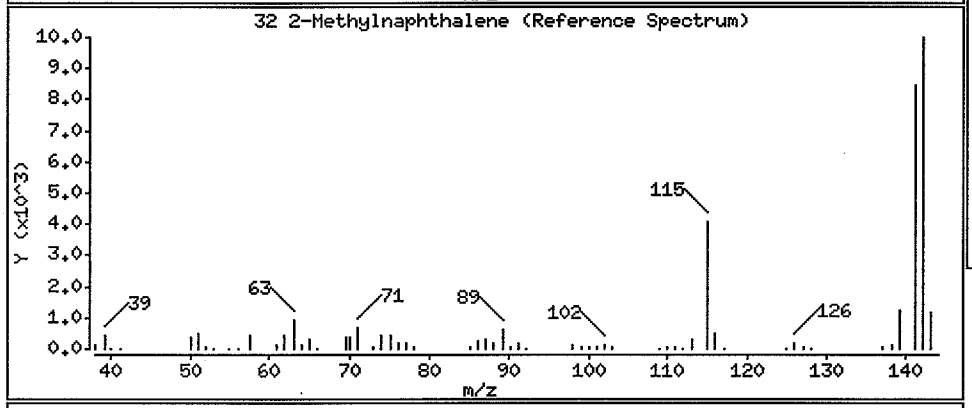
Concentration: 10.83 ug/Kg

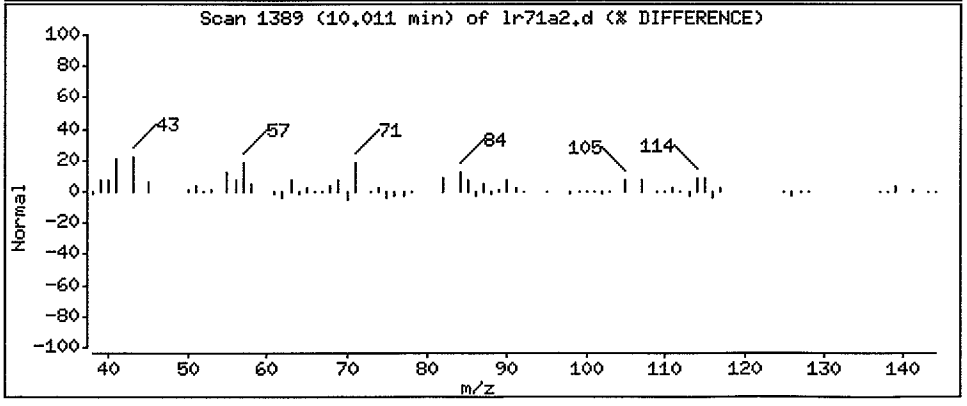












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

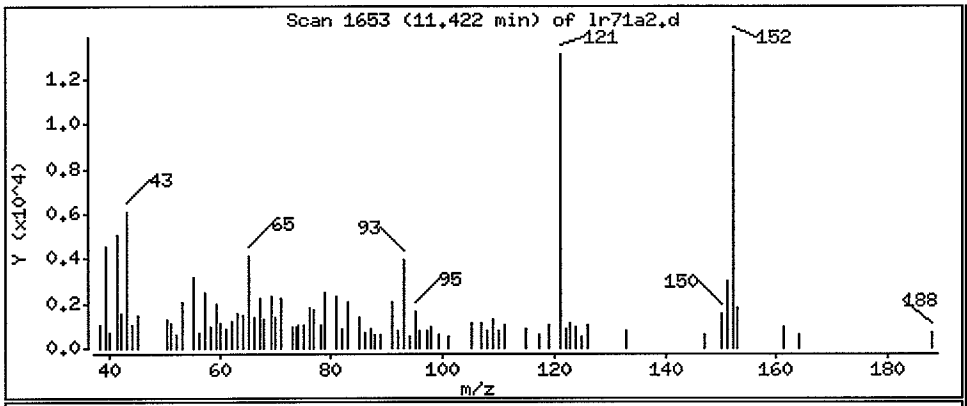
Operator: VTS

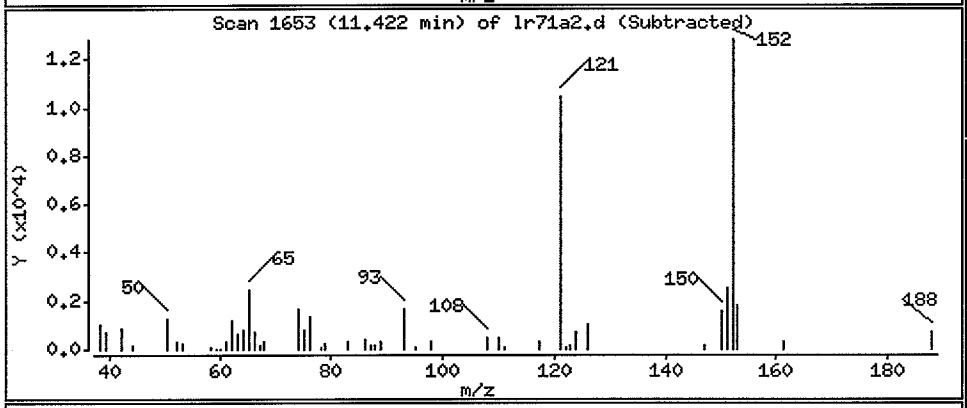
Column phase: ZB-5

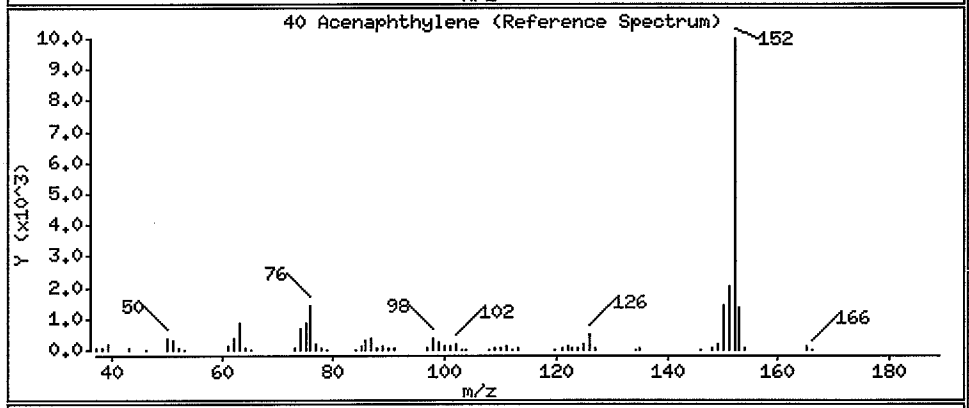
Column diameter: 0.32

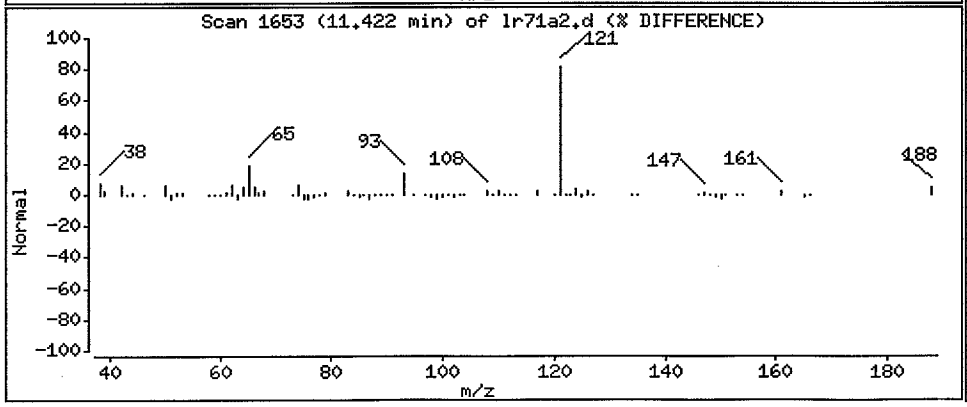
40 Acenaphthylene

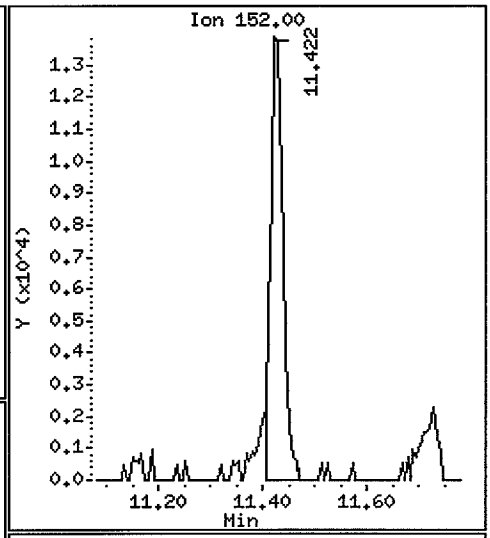
Concentration: 15.60 ug/Kg

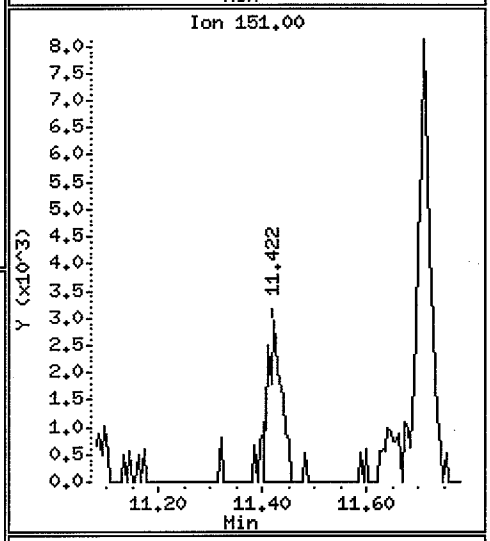


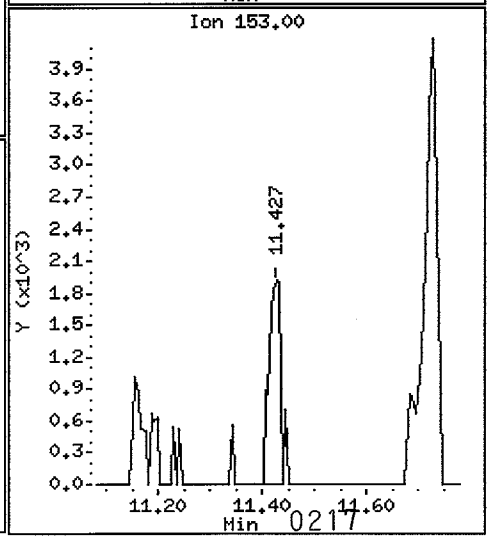












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

Date : 01-NOV-2007 16:39

Client ID:

Instrument: nt4.i

Sample Info: LR71ARE

Volume Injected (uL): 1.0

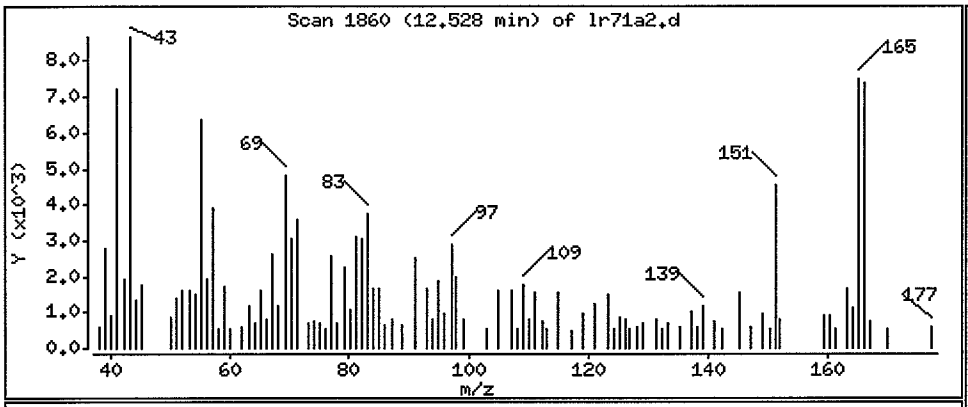
Operator: VTS

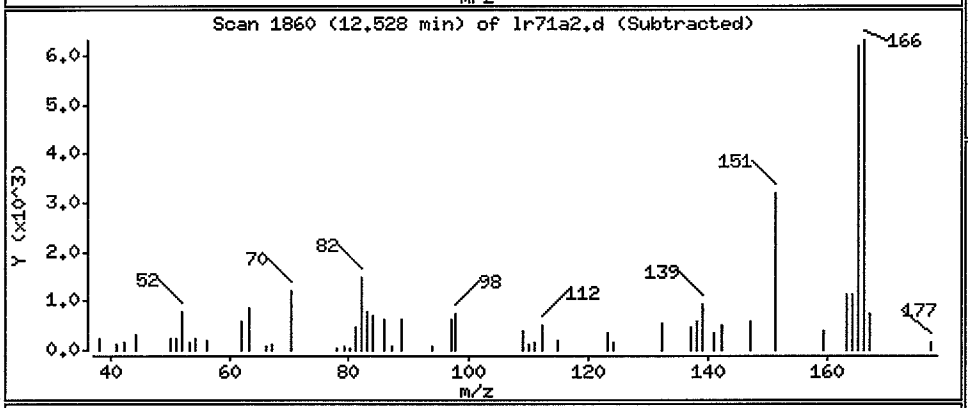
Column phase: ZB-5

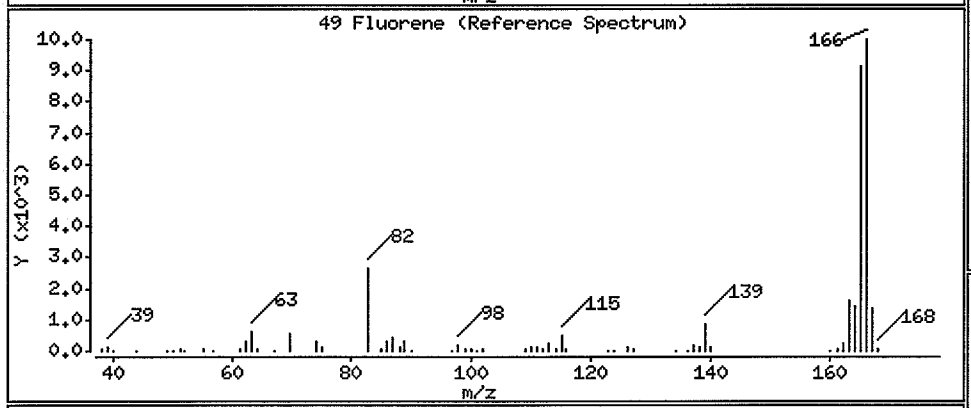
Column diameter: 0.32

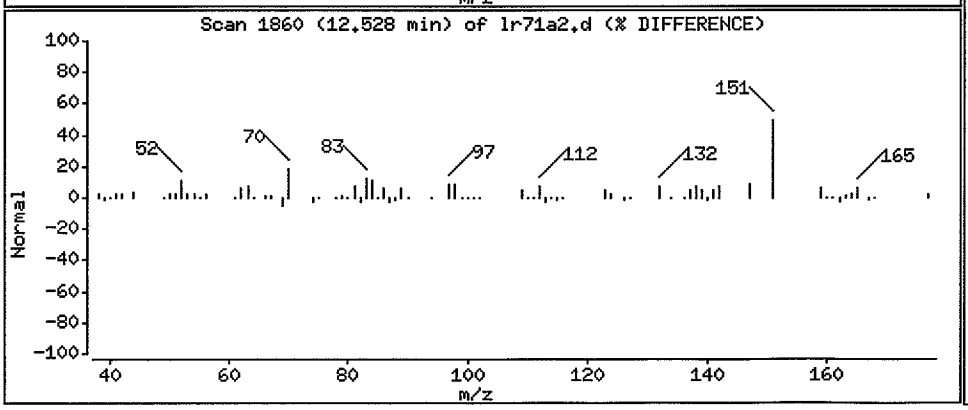
49 Fluorene

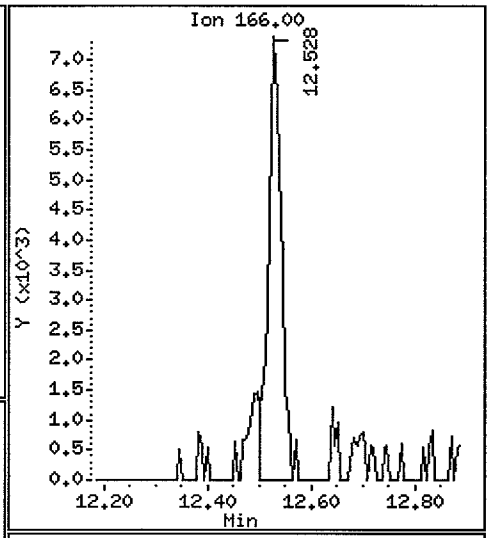
Concentration: 11.71 ug/Kg

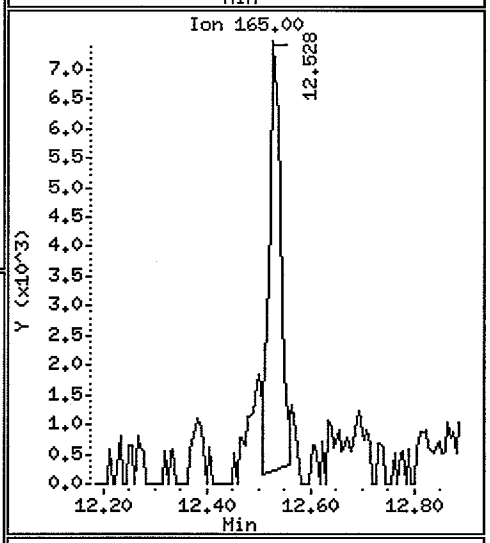


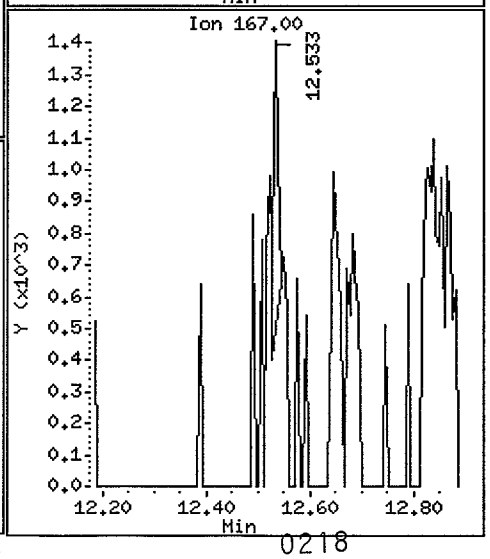












Data File: /chem3/nt4.i/20071101.b/lr71a2.d

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

