

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012443.D
 Acq On : 25 Oct 2017 13:40
 Operator : SJ/JU
 Sample : I5695-04RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-74(3-4)-100417RE

Manual Integrations
 APPROVED

Sohil
 6/27/2018 2:47:49 PM

Quant Time: Jun 25 01:34:07 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	777827	20.00	ng/ul	0.03
18) Naphthalene-d8	10.69	136	2781541	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.52	164	1710473	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	3933821	20.00	ng/ul	0.01
75) Chrysene-d12	21.42	240	3322961	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2881075	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	52872	3.47	ng/uL	0.00
5) Phenol-d5	7.06	99	1342963	20.67	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	2490835	64.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	1074111	22.07	ng/ul	0.02
13) 4-Methylphenol-d8	8.60	113	1164789	20.97	ng/ul	0.02
19) Nitrobenzene-d5	9.05	128	1141616	65.53	ng/ul	0.02
22) 2-Nitrophenol-d4	9.77	143	621512	34.63	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.32	165	1073208	22.58	ng/ul	0.02
29) 4-Chloroaniline-d4	10.81	131	4284653	85.47	ng/ul	0.01
43) Dimethylphthalate-d6	13.92	166	3839847	25.70	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	4852077	27.45	ng/ul	0.01
51) 4-Nitrophenol-d4	14.72	143	439344	19.78	ng/ul	0.02
57) Fluorene-d10	15.50	176	3373375	26.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	188024	9.88	ng/ul	0.01
70) Anthracene-d10	17.35	188	5080205	27.10	ng/ul	0.00
76) Pyrene-d10	19.64	212	5455098	35.78	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.59	264	3553825	25.96	ng/ul	0.02

Target Compounds

					Ovalue	
14) Acetophenone	8.73	105	550878	6.313	ng/ul#	91
24) 2,4-Dimethylphenol	9.93	107	1465095	26.115	ng/ul#	74
32) Caprolactam	11.72	113	782690m	52.107	ng/ul	
44) Dimethylphthalate	13.97	163	2572818m	17.406	ng/ul	
49) Acenaphthene	14.58	153	171667	1.486	ng/ul#	86
69) Phenanthrene	17.30	178	259408	1.219	ng/ul#	81
77) Pyrene	19.67	202	250445	1.325	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.34	149	2607078	23.016	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	231269	1.299	ng/ul#	61

(#) = qualifier out of range (m) = manual integration (+) = signals summed

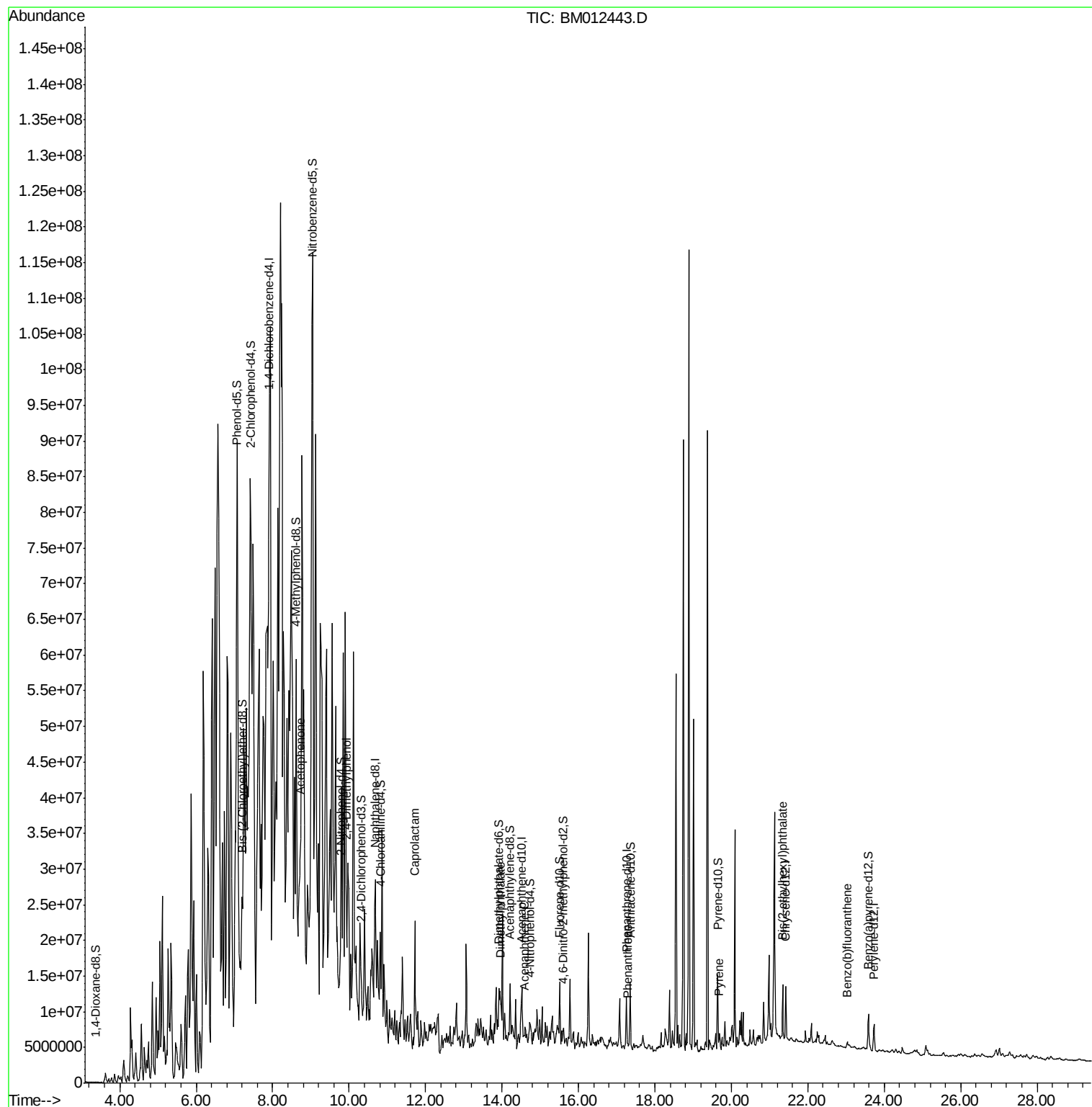
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102517\
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ALS Vial : 7 Sample Multiplier: 1

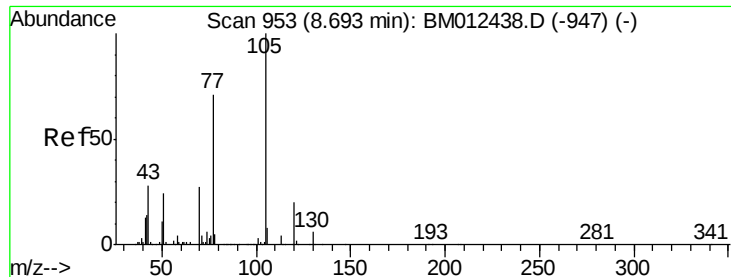
Instrument :
BNA_M
ClientSampleId :
B-74(3-4)-100417RE

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Quant Time: Jun 25 01:34:07 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration





#14

Acetophenone

Concen: 6.313 ng/ul

RT: 8.73 min Scan# 959

Delta R.T. 0.03 min

Lab File: BM012443.D

Acq: 25 Oct 2017 13:40

Instrument :

BNA_M

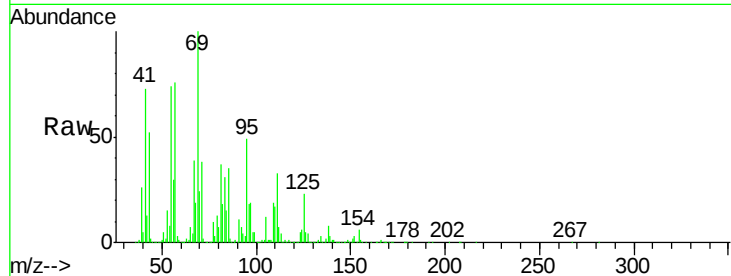
ClientSampleId :

B-74(3-4)-100417RE

Tot Ion:	105	Resp:	550878
Ion Ratio	Lower	Upper	
105	100		
77	86.3	74.2	111.4
51	38.3	23.4	35.2#

Manual Integrations
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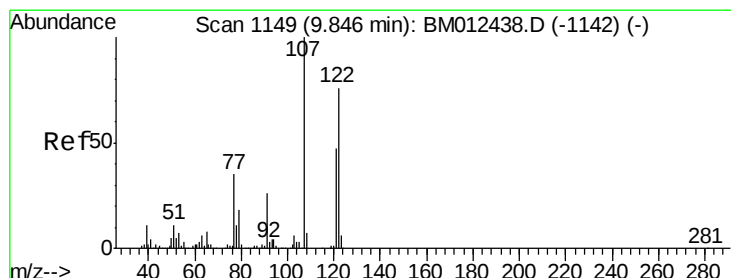
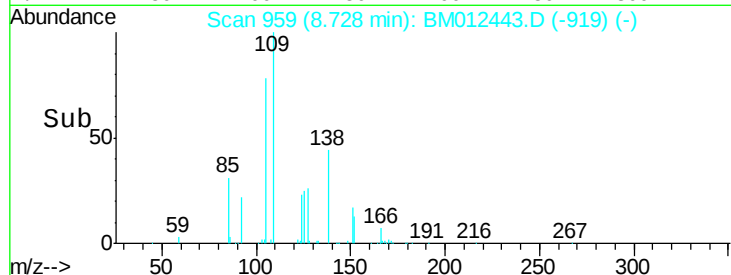
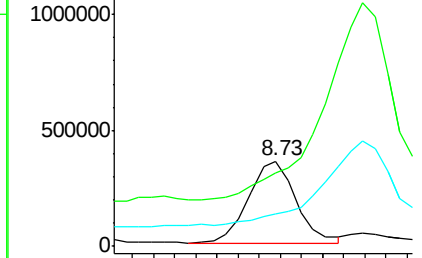
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Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#24

2,4-Dimethylphenol

Concen: 26.115 ng/ul

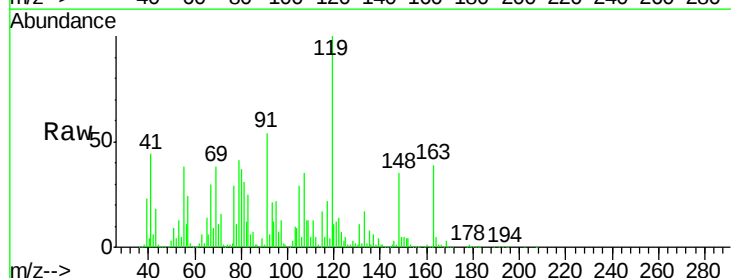
RT: 9.93 min Scan# 1163

Delta R.T. 0.08 min

Lab File: BM012443.D

Acq: 25 Oct 2017 13:40

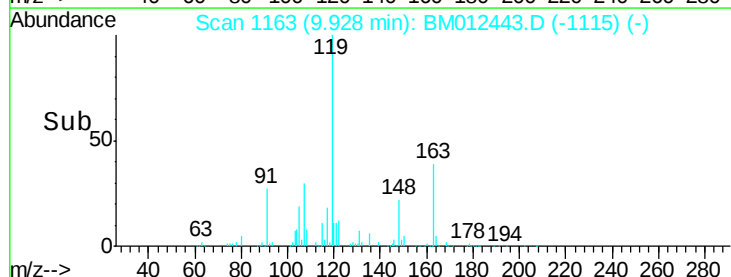
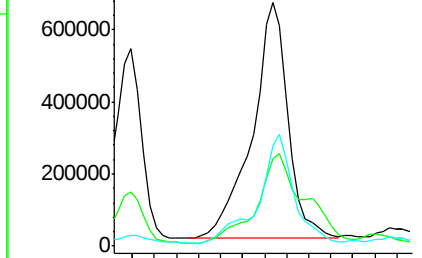
Tgt Ion:	107	Resp:	1465095
Ion Ratio	Lower	Upper	
107	100		
121	35.7	31.9	47.9
122	41.4	57.8	86.6#

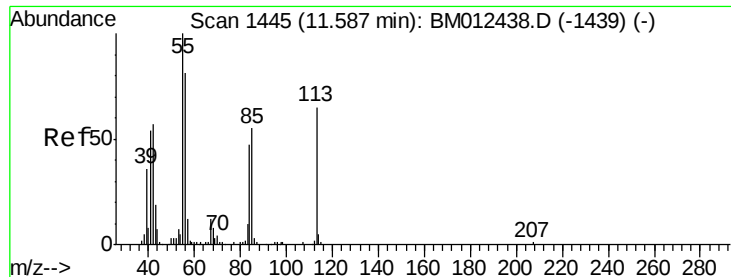


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Caprolactam

Concen: 52.107 ng/ul m

RT: 11.72 min Scan# 1468

Delta R.T. 0.13 min

Lab File: BM012443.D

Acq: 25 Oct 2017 13:40

Instrument :

BNA_M

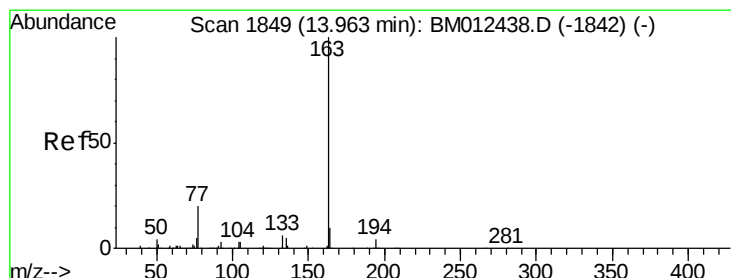
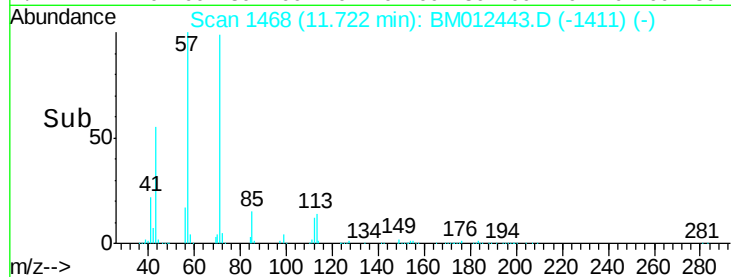
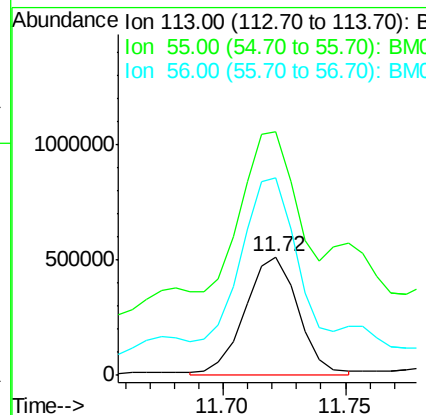
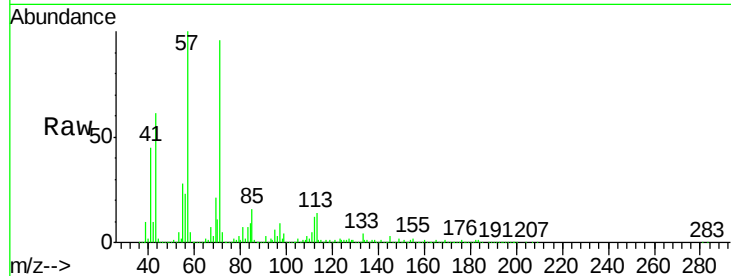
ClientSampleId :

B-74(3-4)-100417RE

Tot Ion	Ratio	Lower	Upper
113	100		
55	205.3	208.0	312.0#
56	166.9	160.0	240.0

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#44

Dimethylphthalate

Concen: 17.406 ng/ul m

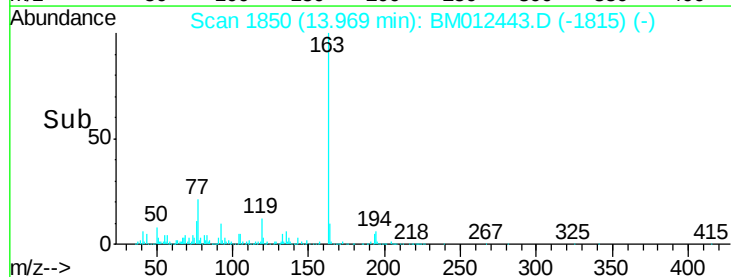
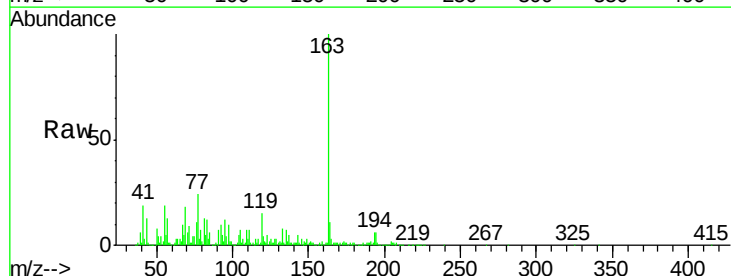
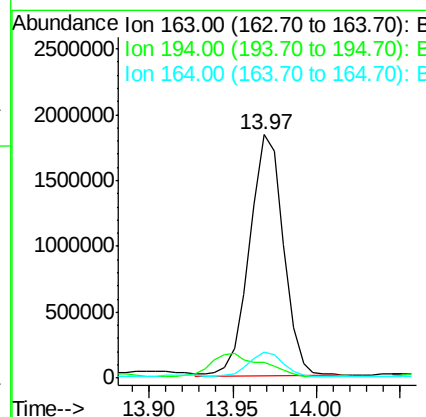
RT: 13.97 min Scan# 1850

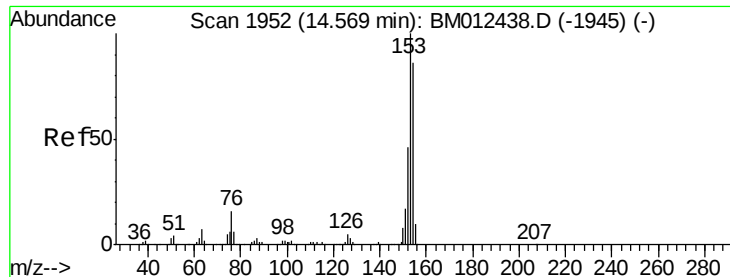
Delta R.T. 0.01 min

Lab File: BM012443.D

Acq: 25 Oct 2017 13:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.5	5.3#
164	10.7	8.2	12.4





#49

Acenaphthene

Concen: 1.486 ng/ul

RT: 14.58 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BM012443.D

Acq: 25 Oct 2017 13:40

Instrument :

BNA_M

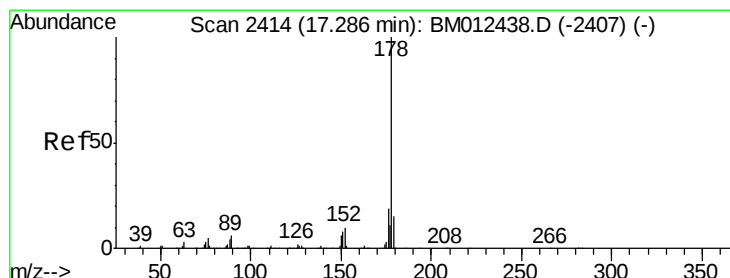
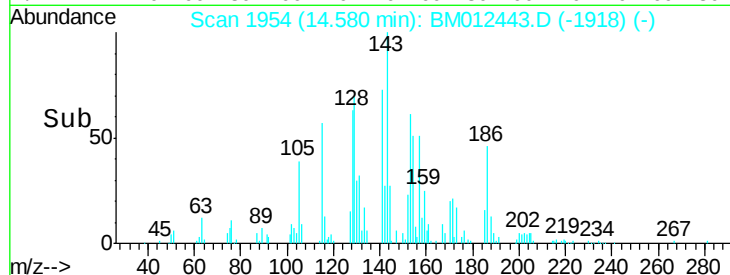
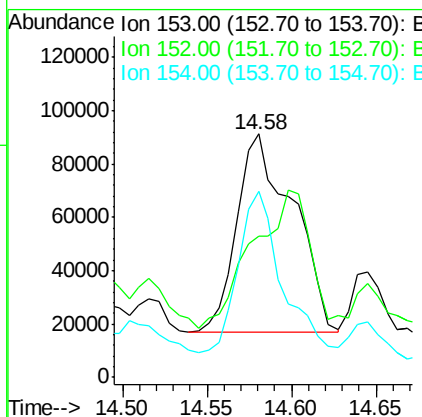
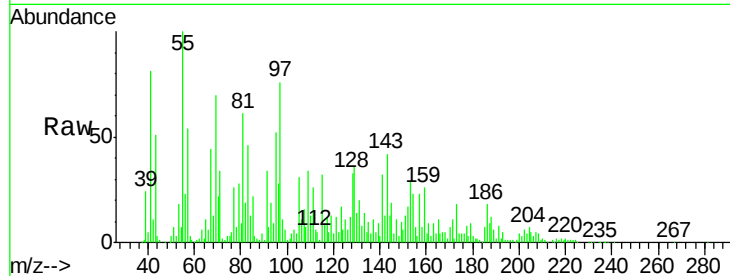
ClientSampleId :

B-74(3-4)-100417RE

Tot Ion:	153	Resp:	171667
Ion Ratio	Lower	Upper	
153	100		
152	58.3	37.6	56.4#
154	76.5	70.4	105.6

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#69

Phenanthrene

Concen: 1.219 ng/ul

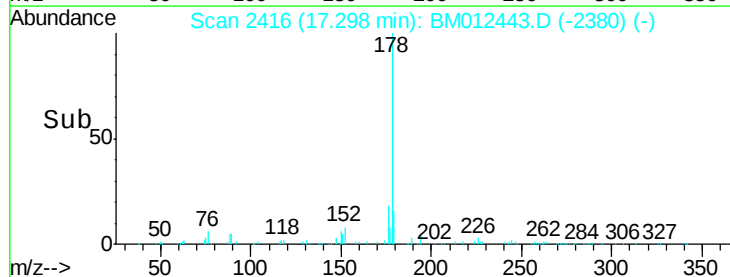
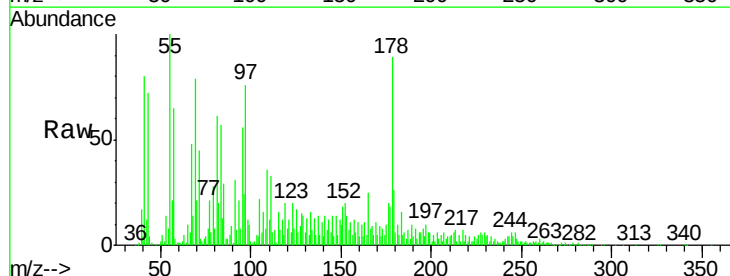
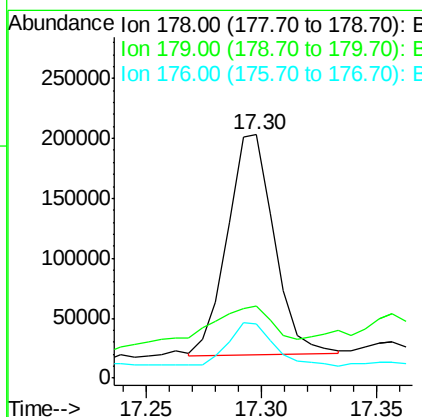
RT: 17.30 min Scan# 2416

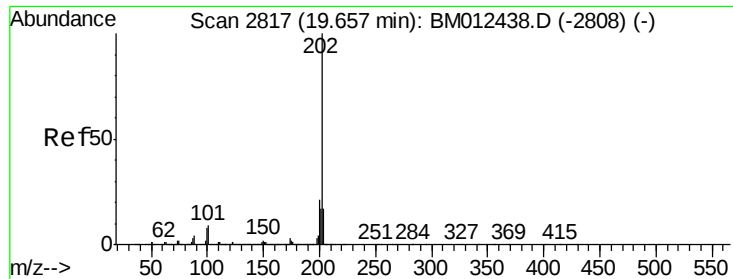
Delta R.T. 0.01 min

Lab File: BM012443.D

Acq: 25 Oct 2017 13:40

Tgt Ion:	178	Resp:	259408
Ion Ratio	Lower	Upper	
178	100		
179	29.5	12.6	19.0#
176	22.2	14.9	22.3





#77

Pvrene

Concen: 1.325 ng/ul

RT: 19.67 min Scan# 2819

Delta R.T. 0.01 min

Lab File: BM012443.D

Acq: 25 Oct 2017 13:40

Instrument :

BNA_M

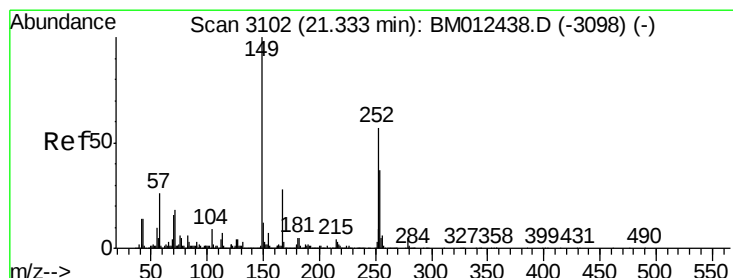
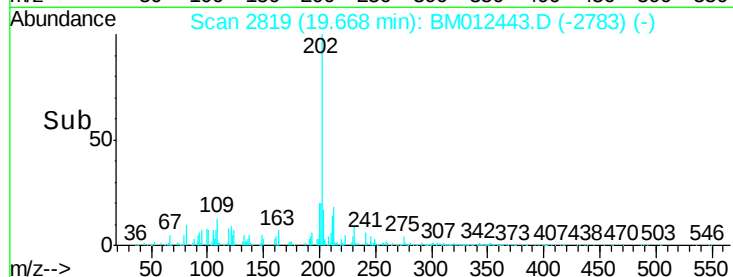
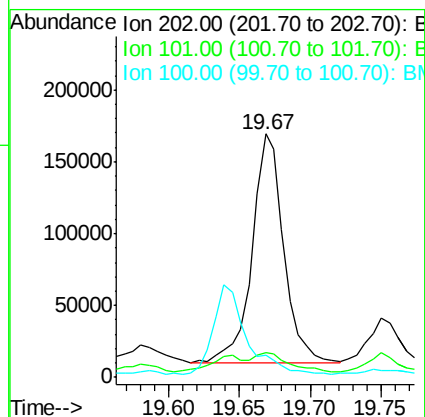
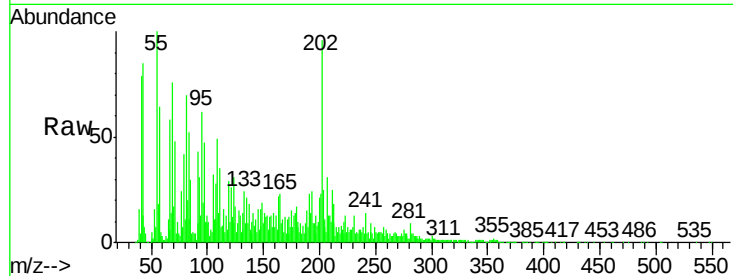
ClientSampleId :

B-74(3-4)-100417RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	9.3	4.9	7.3#

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#81

Bis(2-ethylhexyl)phthalate

Concen: 23.016 ng/ul

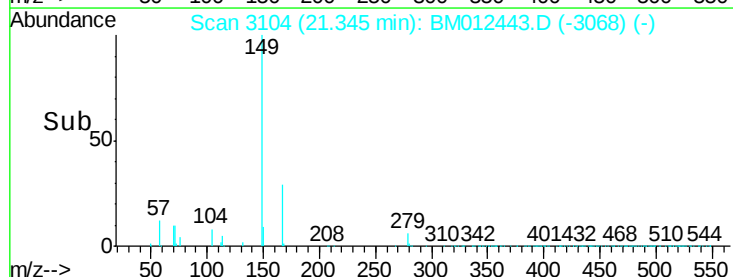
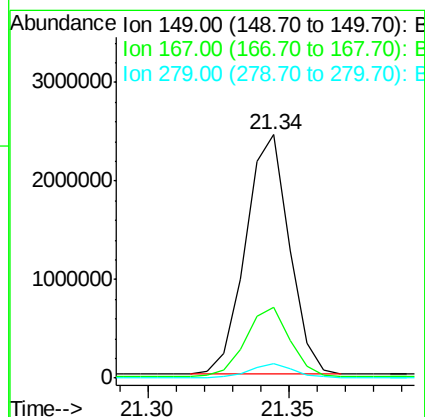
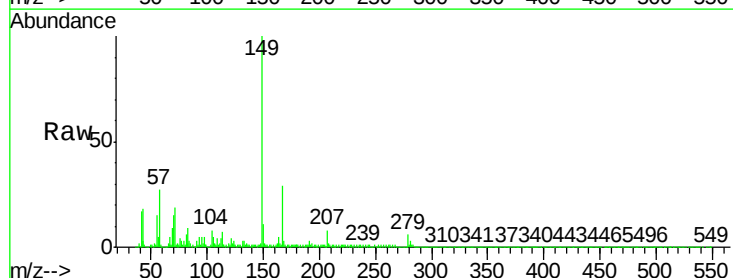
RT: 21.34 min Scan# 3104

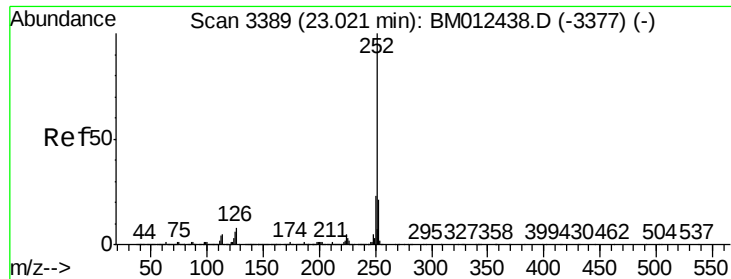
Delta R.T. 0.01 min

Lab File: BM012443.D

Acq: 25 Oct 2017 13:40

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	28.8	22.8	34.2
279	5.8	4.9	7.3





#85

Benzo(b)fluoranthene

Concen: 1.299 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BM012443.D

Acq: 25 Oct 2017 13:40

Instrument :

BNA_M

ClientSampleId :

B-74(3-4)-100417RE

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	39.1	17.9	26.9#
125	24.6	3.6	5.4#

Manual Integrations
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