

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012460.D
 Acq On : 26 Oct 2017 00:49
 Operator : SJ/JU
 Sample : I5873-05 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-16(7-7.75) 1012117

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:24 AM

Quant Time: Oct 26 08:58:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	660094	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	2558197	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	1532856	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	2893560	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2834377	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	3078994	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	25278	1.96	ng/uL	0.00
5) Phenol-d5	7.05	99	603040	10.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	417070	12.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	488110	11.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	646522	13.72	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	280046	17.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	260671	15.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	524024	11.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	1599488	34.69	ng/ul	-0.01
43) Dimethylphthalate-d6	13.93	166	1537691	11.48	ng/ul	0.01
46) Acenaphthylene-d8	14.23	160	1898165	11.98	ng/ul	0.02
51) 4-Nitrophenol-d4	14.72	143	273286	13.73	ng/ul	0.00
57) Fluorene-d10	15.52	176	1267972	11.19	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.63	200	78452	5.60	ng/ul	0.00
70) Anthracene-d10	17.36	188	1816664	13.17	ng/ul	0.00
76) Pyrene-d10	19.64	212	1856138	14.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1854653	12.68	ng/ul	0.00
Target Compounds						
6) Phenol	7.08	94	96118	1.674	ng/ul	90
28) Naphthalene	10.73	128	3727095	29.383	ng/ul	97
34) 2-Methylnaphthalene	12.44	142	5365566	52.089	ng/ul	99
40) 1,1'-Biphenyl	13.38	154	1200476	9.816	ng/ul	99
49) Acenaphthene	14.59	153	407444	3.935	ng/ul#	90
58) Fluorene	15.57	166	633206	4.886	ng/ul#	74
69) Phenanthrene	17.30	178	4368501	27.918	ng/ul	98
74) Fluoranthene	19.31	202	260991	1.472	ng/ul#	50
77) Pvrene	19.67	202	660839	4.100	ng/ul#	83
81) Bis(2-ethylhexyl)phthalate	21.34	149	16893020m	174.847	ng/ul	

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

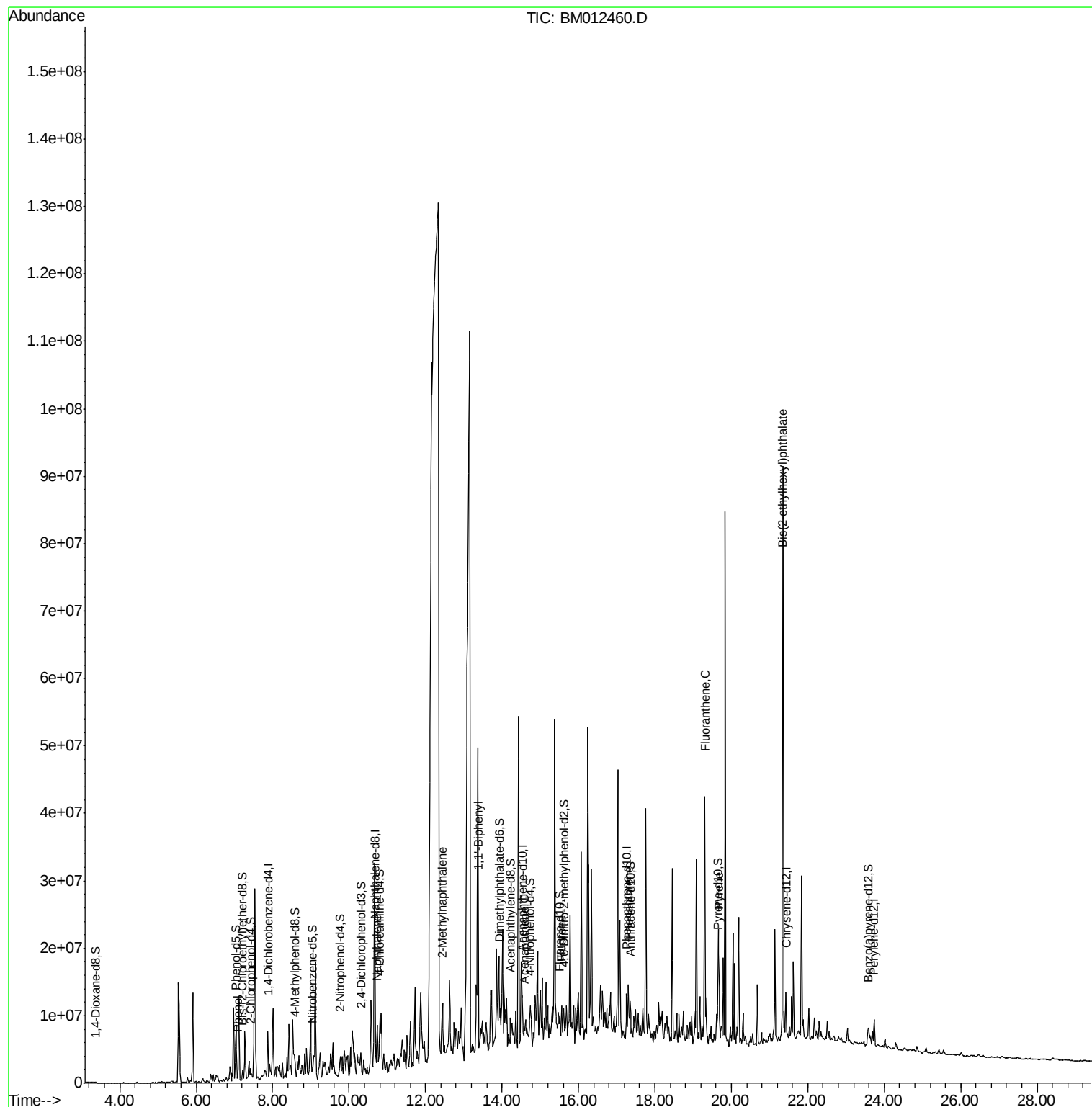
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
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ALS Vial : 23 Sample Multiplier: 1

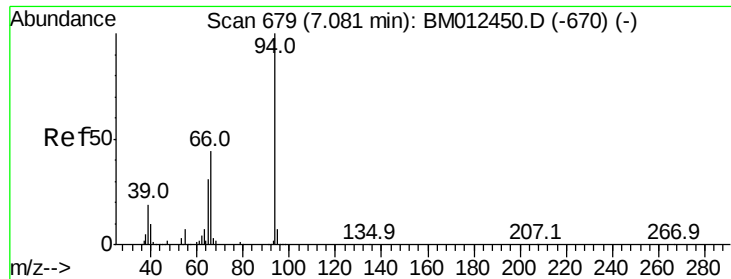
Instrument :
BNA_M
ClientSampleId :
B-16(7-7.75)_1012117

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Quant Time: Oct 26 08:58:51 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.674 ng/ul

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM012460.D

Acq: 26 Oct 2017 00:49

Instrument :

BNA_M

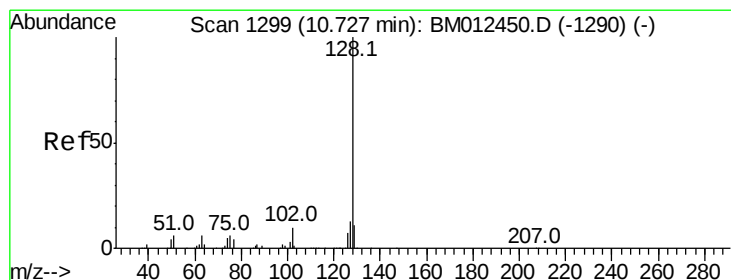
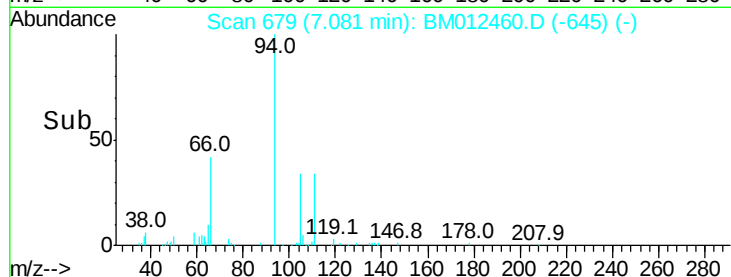
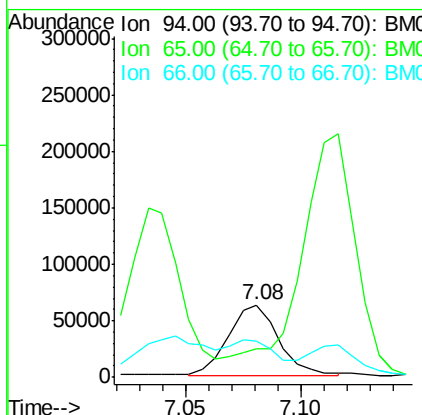
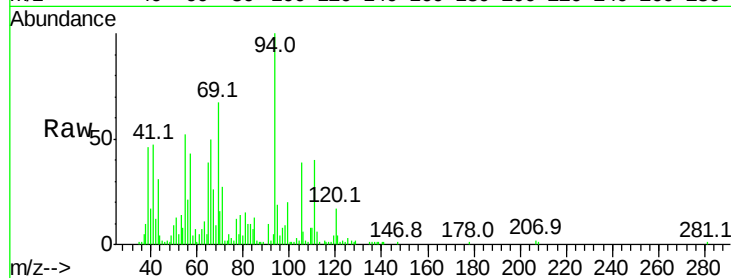
ClientSampleId :

B-16(7-7.75) 1012117

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		96118		
65	39.3	28.2	42.4		
66	50.4	47.2	70.8		

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#28

Naphthalene

Concen: 29.383 ng/ul

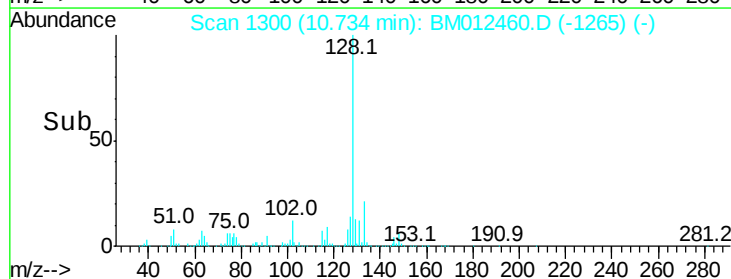
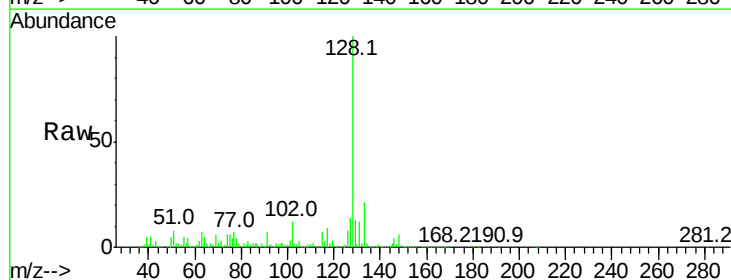
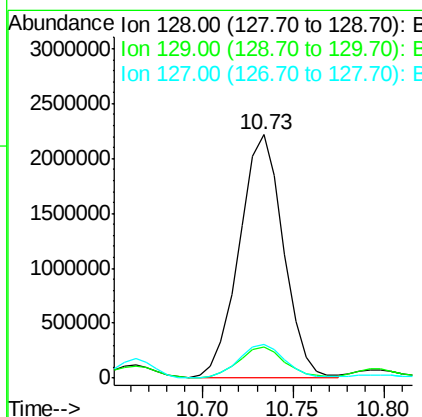
RT: 10.73 min Scan# 1300

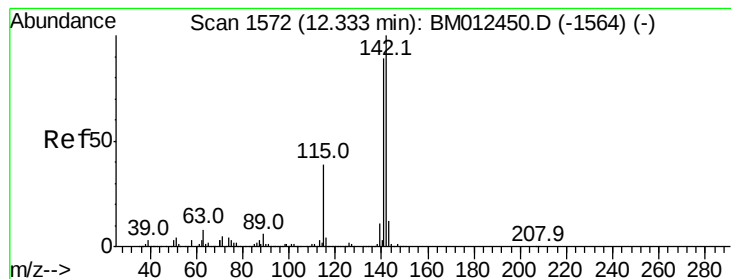
Delta R.T. 0.01 min

Lab File: BM012460.D

Acq: 26 Oct 2017 00:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		3727095		
129	12.8	8.8	13.2		
127	13.9	10.6	16.0		





#34

2-Methylnaphthalene

Concen: 52.089 ng/ul

RT: 12.44 min Scan# 1590

Delta R.T. 0.11 min

Lab File: BM012460.D

Acq: 26 Oct 2017 00:49

Instrument :

BNA_M

ClientSampleId :

B-16(7-7.75) 1012117

Tot Ion:142 Resp: 5365566

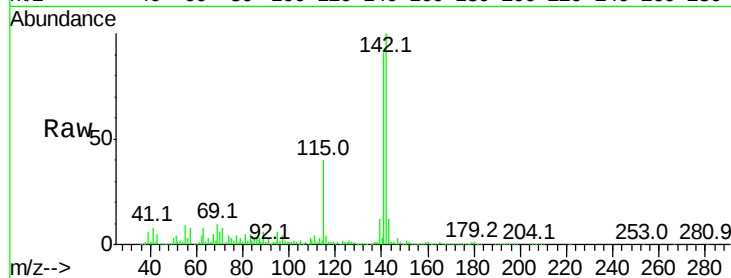
Ion Ratio Lower Upper

142 100

141 91.2 74.1 111.1

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.44

2500000

2000000

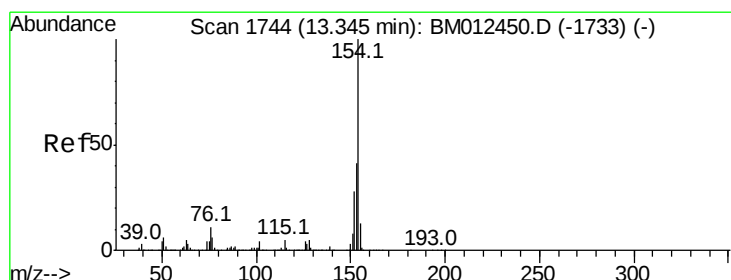
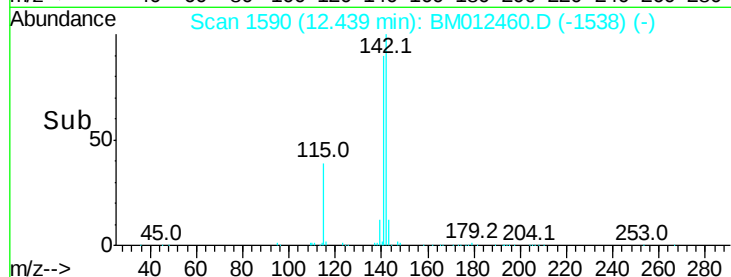
1500000

1000000

500000

0

Time--> 12.30 12.40 12.50



#40

1,1'-Biphenyl

Concen: 9.816 ng/ul

RT: 13.38 min Scan# 1750

Delta R.T. 0.04 min

Lab File: BM012460.D

Acq: 26 Oct 2017 00:49

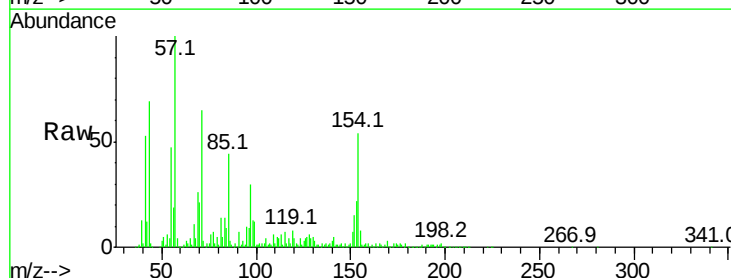
Tgt Ion:154 Resp: 1200476

Ion Ratio Lower Upper

154 100

153 40.3 32.6 48.8

76 11.4 8.5 12.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0

13.38

1000000

800000

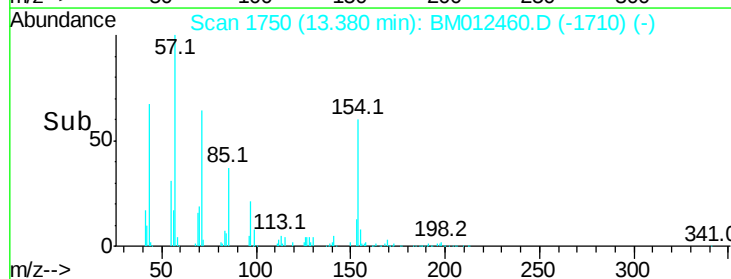
600000

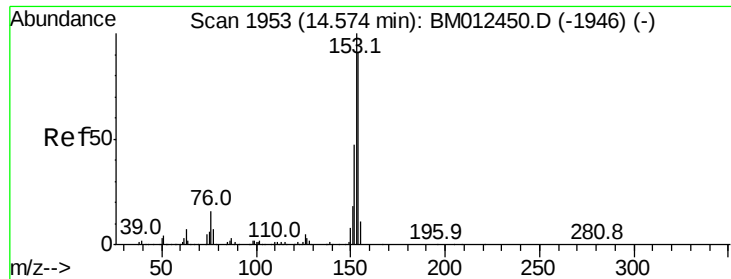
400000

200000

0

Time--> 13.30 13.35 13.40 13.45





#49

Acenaphthene

Concen: 3.935 ng/ul

RT: 14.59 min Scan# 1956

Delta R.T. 0.02 min

Lab File: BM012460.D

Acq: 26 Oct 2017 00:49

Instrument :

BNA_M

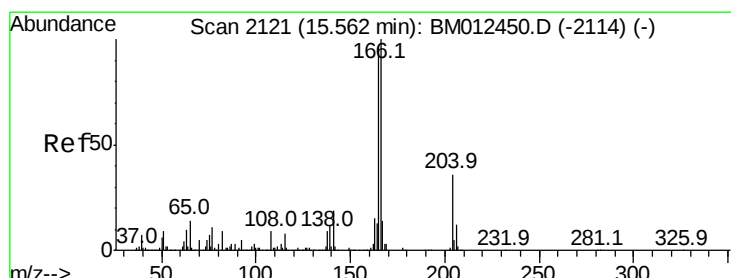
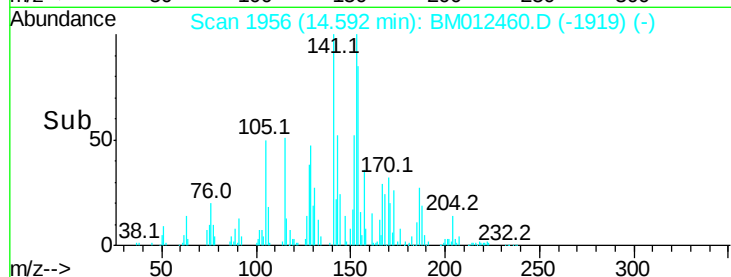
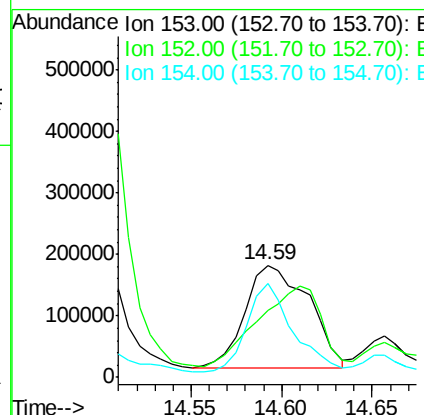
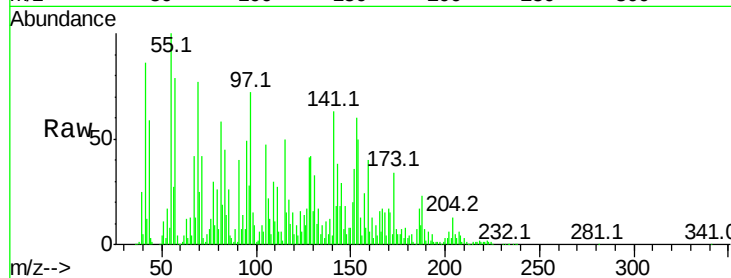
ClientSampleID :

B-16(7-7.75) 1012117

Tot Ion	Ratio	Lower	Upper
153	100		
152	59.4	37.6	56.4#
154	83.5	70.4	105.6

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#58

Fluorene

Concen: 4.886 ng/ul

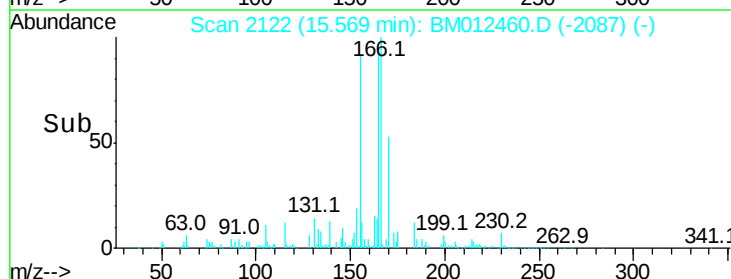
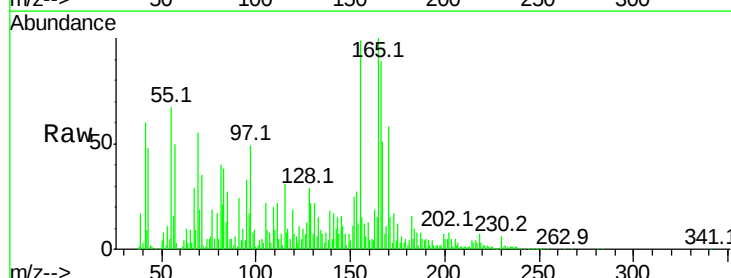
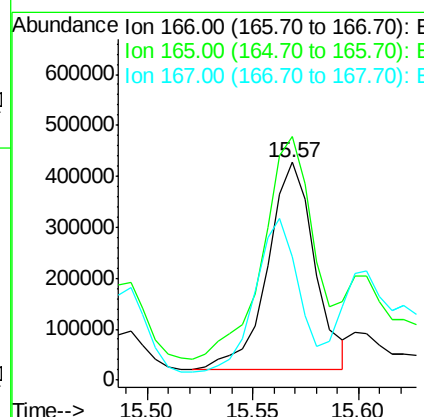
RT: 15.57 min Scan# 2122

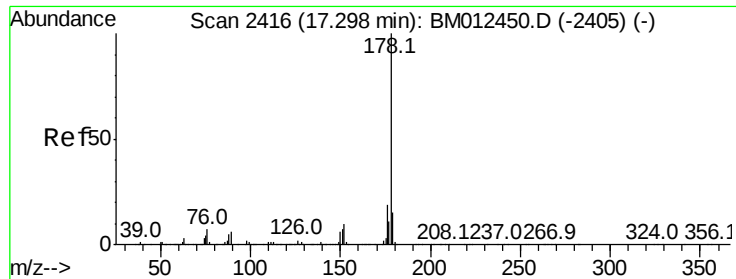
Delta R.T. 0.01 min

Lab File: BM012460.D

Acq: 26 Oct 2017 00:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	112.0	77.9	116.9
167	56.9	10.6	16.0#





#69

Phenanthrene

Concen: 27.918 ng/ul

RT: 17.30 min Scan# 2417

Delta R.T. 0.01 min

Lab File: BM012460.D

Acq: 26 Oct 2017 00:49

Instrument :

BNA_M

ClientSampleId :

B-16(7-7.75) 1012117

Tot Ion:178 Resp: 4368501

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.6	19.0
176	19.1	14.9	22.3

178 100

179 17.4 12.6 19.0

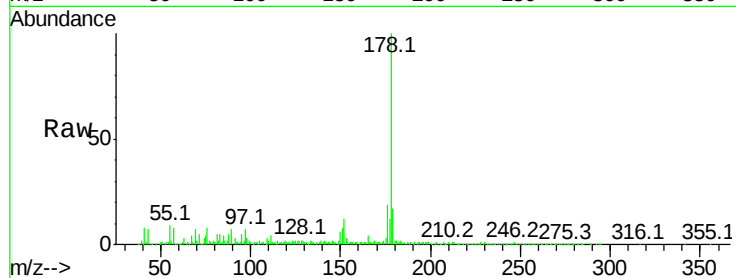
176 19.1 14.9 22.3

Manual Integrations

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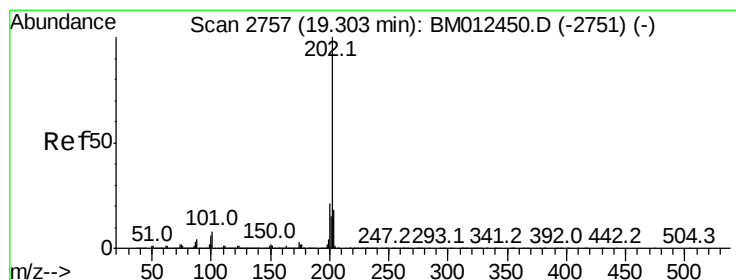
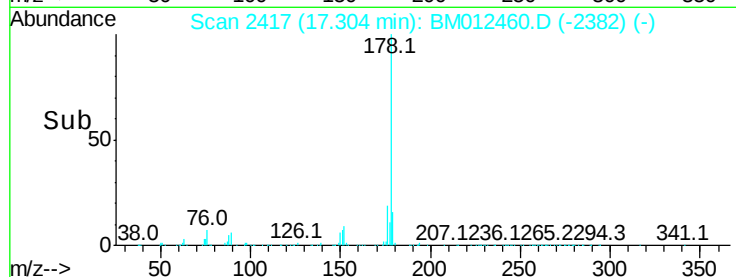
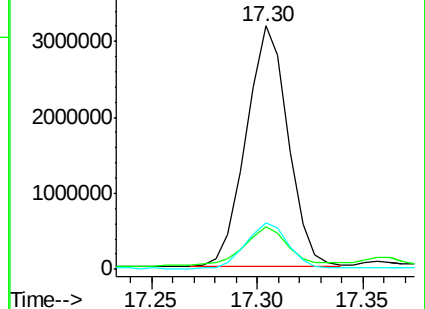
10/27/2017 8:54:24 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 1.472 ng/ul

RT: 19.31 min Scan# 2758

Delta R.T. 0.01 min

Lab File: BM012460.D

Acq: 26 Oct 2017 00:49

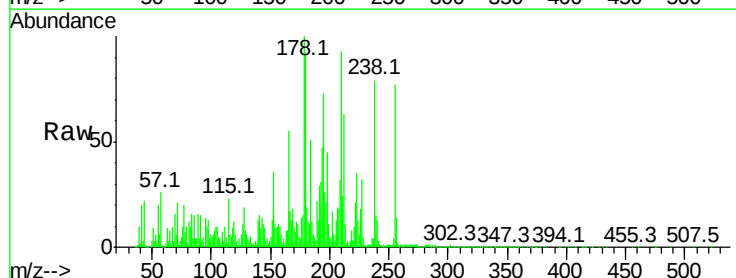
Tgt Ion:202 Resp: 260991

Ion	Ratio	Lower	Upper
202	100		
101	28.7	4.6	7.0#
100	12.6	3.4	5.2#

202 100

101 28.7 4.6 7.0#

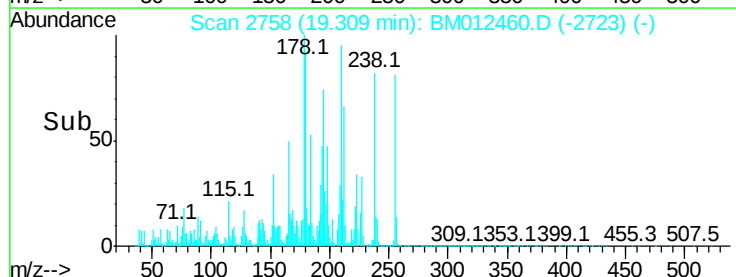
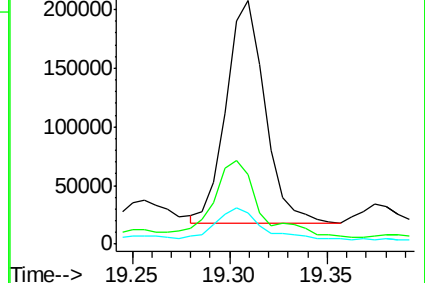
100 12.6 3.4 5.2#

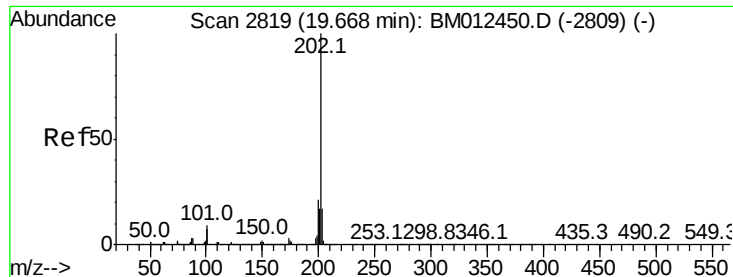


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 4.100 ng/ul

RT: 19.67 min Scan# 2820

Delta R.T. 0.01 min

Lab File: BM012460.D

Acq: 26 Oct 2017 00:49

Instrument :

BNA_M

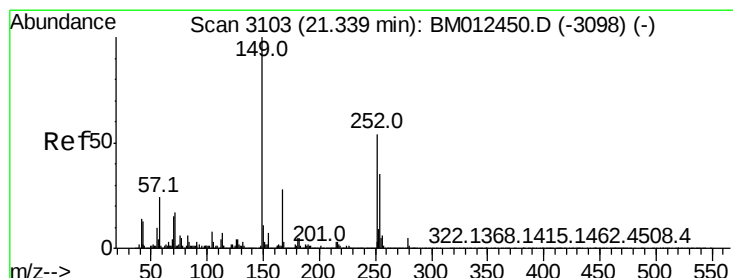
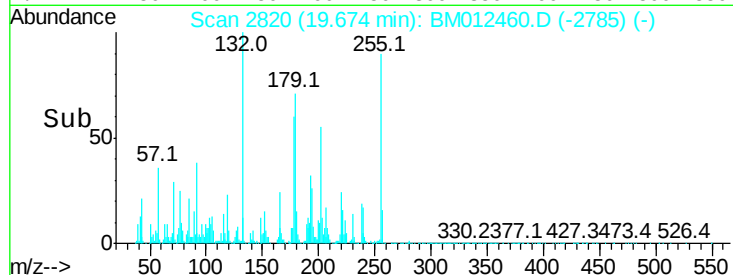
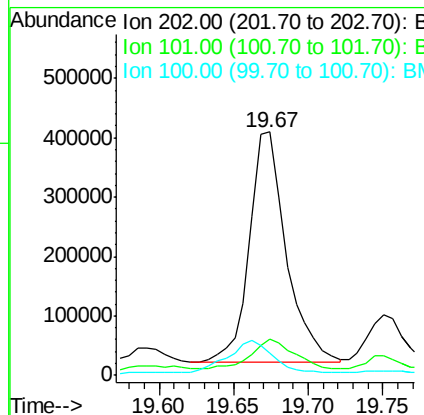
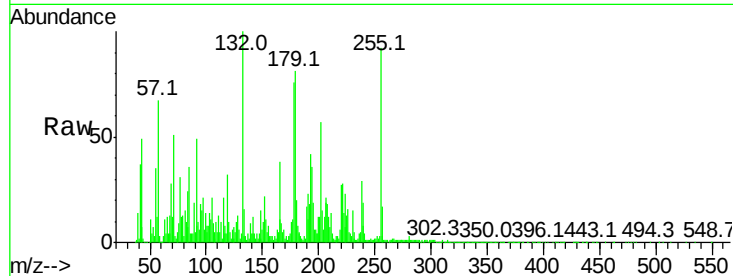
ClientSampleId :

B-16(7-7.75) 1012117

Tot Ion:	202	Resp:	660839
Ion Ratio	Lower	Upper	
202	100		
101	14.7	5.1	7.7#
100	9.0	4.9	7.3#

Manual Integrations
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Sohil
10/27/2017 8:54:24 AM



#81

Bis(2-ethylhexyl)phthalate

Concen: 174.847 ng/ul m

RT: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM012460.D

Acq: 26 Oct 2017 00:49

Tgt Ion:	149	Resp:	16893020
Ion Ratio	Lower	Upper	
149	100		
167	39.2	22.8	34.2#
279	6.3	4.9	7.3

