

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012821.D
 Acq On : 08 Nov 2017 15:10
 Operator : SJ/JU
 Sample : I6175-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-79(5-6)-102617

Quant Time: Nov 09 11:34:47 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	127777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	517782	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	311334	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	641425	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	553110	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	600111	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	11332	4.79	ng/uL	0.00
5) Phenol-d5	6.97	99	255889	26.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	236839	45.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	211229	26.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	66043	8.05	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	131659	34.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	132271	30.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	209891	23.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	359756	41.54	ng/ul	-0.02
43) Dimethylphthalate-d6	13.85	166	760728	29.53	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	946688	29.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	91076	22.06	ng/ul	0.00
57) Fluorene-d10	15.43	176	652847	29.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	53427	12.62	ng/ul	0.00
70) Anthracene-d10	17.29	188	898183	28.98	ng/ul	0.00
78) Pyrene-d10	19.57	212	888771	34.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	842445	29.69	ng/ul	0.00

Target Compounds

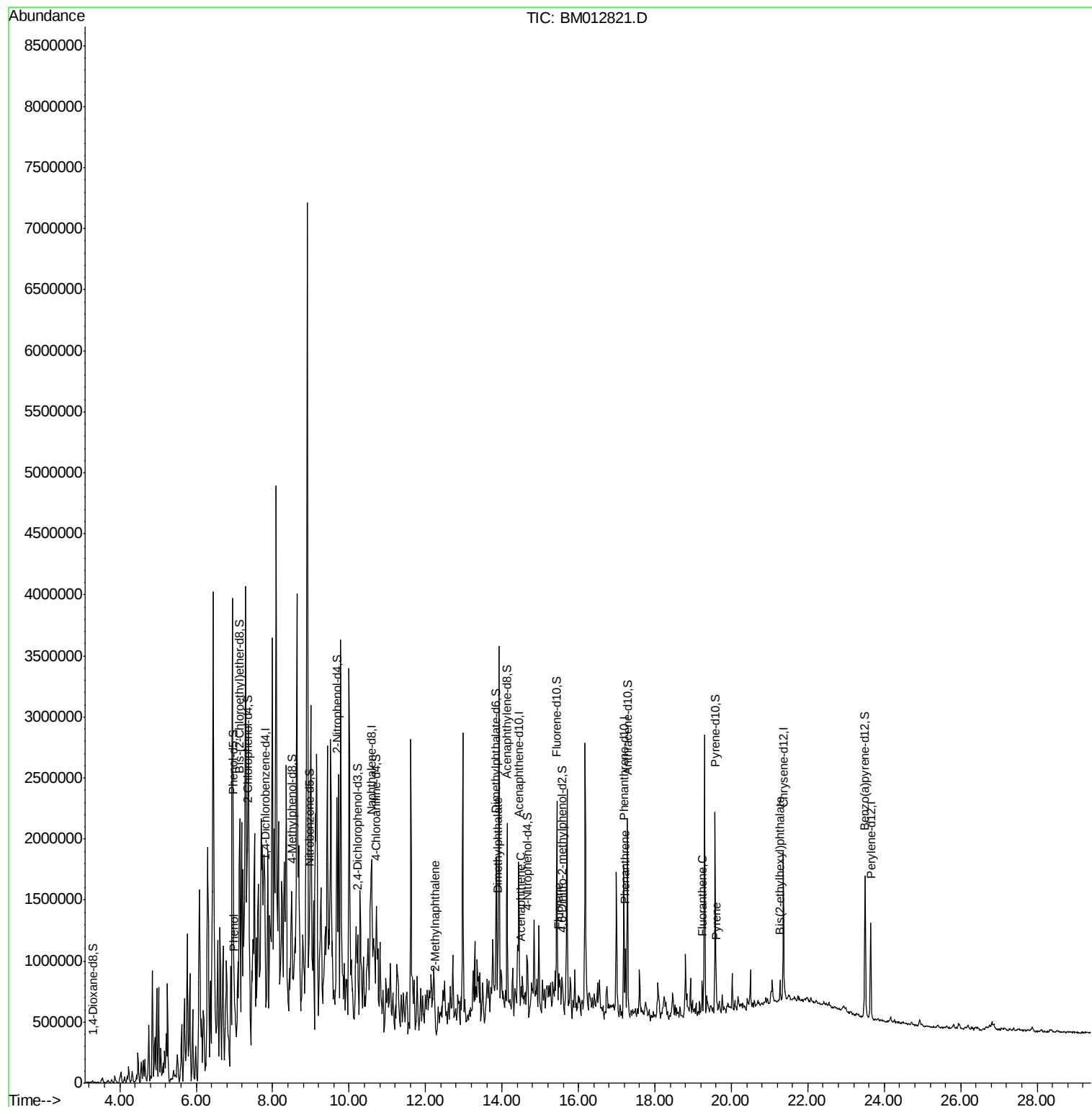
					Qvalue	
6) Phenol	7.00	94	22513	2.307	ng/ul#	67
34) 2-Methylnaphthalene	12.26	142	40460	2.045	ng/ul	99
44) Dimethylphthalate	13.89	163	226624	8.864	ng/ul#	98
49) Acenaphthene	14.50	153	38387	1.824	ng/ul	98
58) Fluorene	15.49	166	64328	2.523	ng/ul#	92
69) Phenanthrene	17.23	178	282712	8.064	ng/ul	98
76) Fluoranthene	19.24	202	118854	2.821	ng/ul	96
79) Pyrene	19.60	202	110928	3.361	ng/ul#	92
83) Bis(2-ethylhexyl)phthalate	21.27	149	54905	3.132	ng/ul#	88

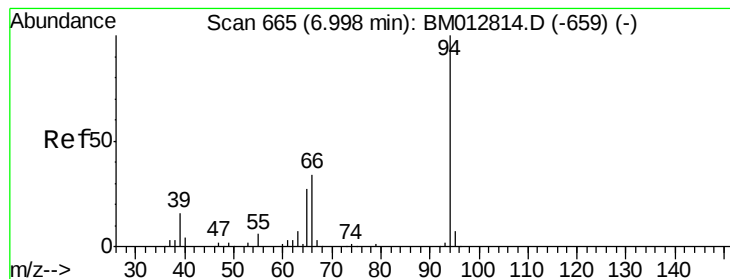
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.307 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM012821.D

Acq: 08 Nov 2017 15:10

Instrument :

BNA_M

ClientSampleId :

B-79(5-6)-102617

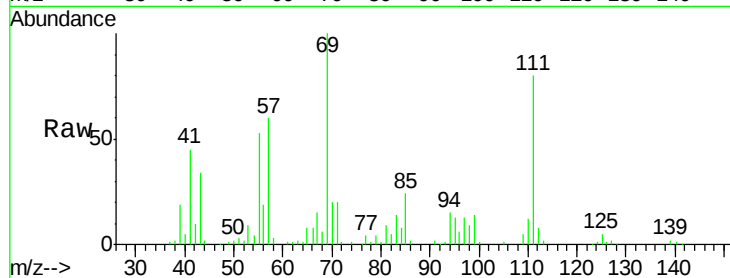
Tgt Ion: 94 Resp: 22513

Ion Ratio Lower Upper

94 100

65 50.5 21.0 31.6#

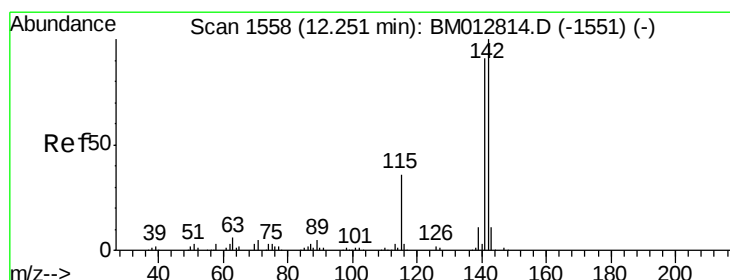
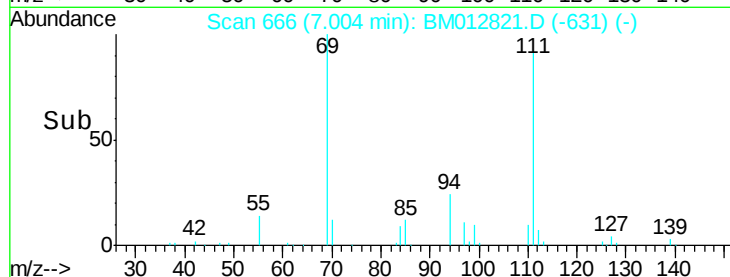
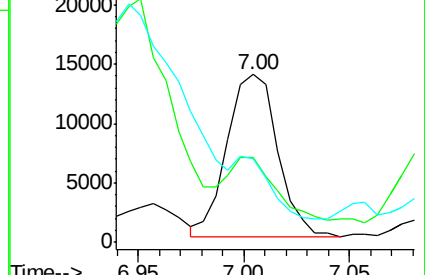
66 49.9 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM012821.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM012821.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM012821.D (-659) (-)



#34

2-Methylnaphthalene

Concen: 2.045 ng/ul

RT: 12.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BM012821.D

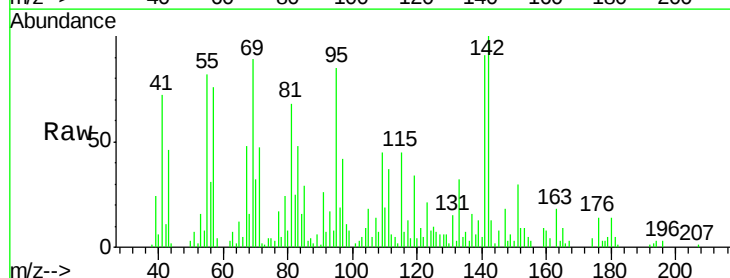
Acq: 08 Nov 2017 15:10

Tgt Ion: 142 Resp: 40460

Ion Ratio Lower Upper

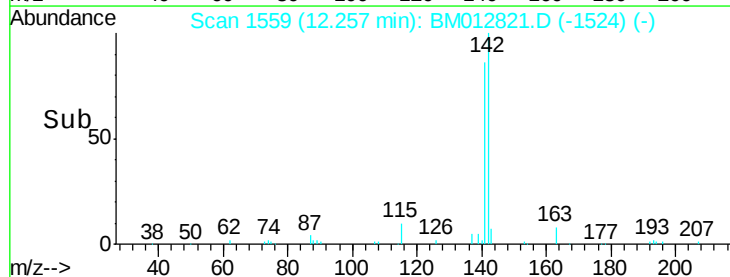
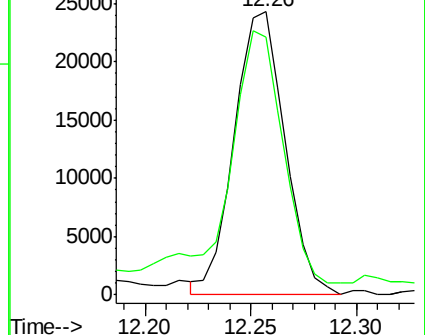
142 100

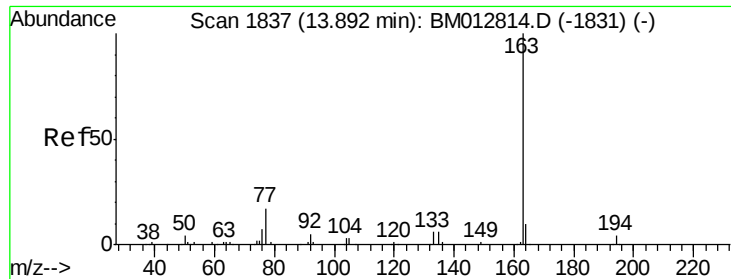
141 90.9 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): BM012821.D (-1551) (-)

Ion 141.00 (140.70 to 141.70): BM012821.D (-1551) (-)

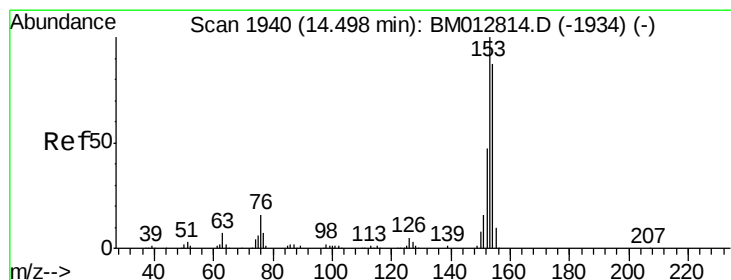
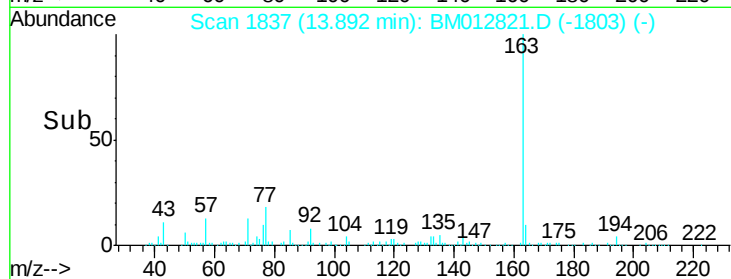
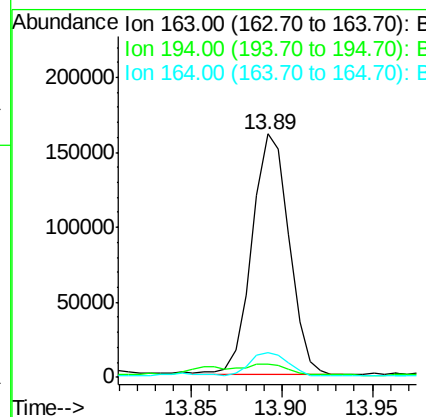
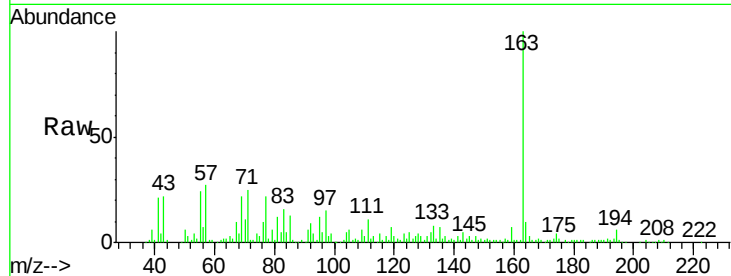




#44
Dimethylphthalate
Concen: 8.864 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM012821.D
Acq: 08 Nov 2017 15:10

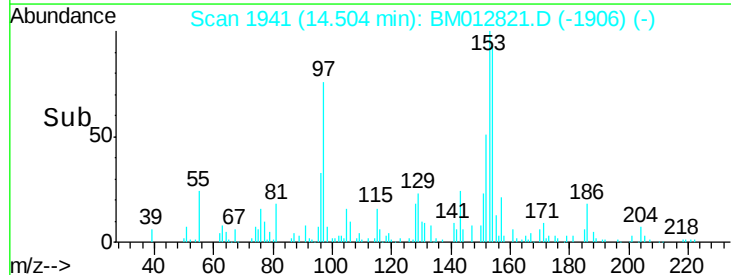
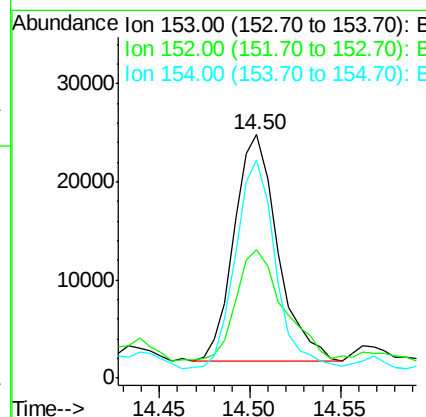
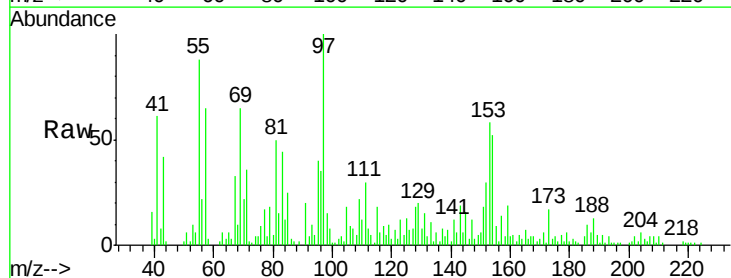
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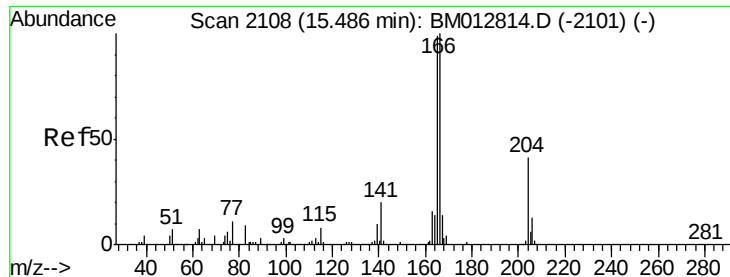
Tgt Ion:163 Resp: 226624
Ion Ratio Lower Upper
163 100
194 5.6 3.2 4.8#
164 10.1 7.8 11.8



#49
Acenaphthene
Concen: 1.824 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM012821.D
Acq: 08 Nov 2017 15:10

Tgt Ion:153 Resp: 38387
Ion Ratio Lower Upper
153 100
152 52.7 38.3 57.5
154 89.8 71.8 107.8





#58

Fluorene

Concen: 2.523 ng/ul

RT: 15.49 min Scan# 2108

Delta R.T. -0.00 min

Lab File: BM012821.D

Acq: 08 Nov 2017 15:10

Instrument :

BNA_M

ClientSampleId :

B-79(5-6)-102617

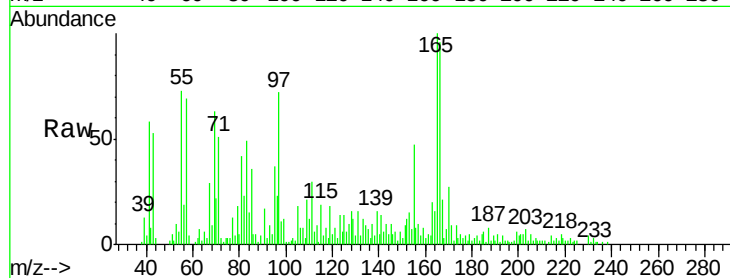
Tgt Ion:166 Resp: 64328

Ion Ratio Lower Upper

166 100

165 104.0 78.5 117.7

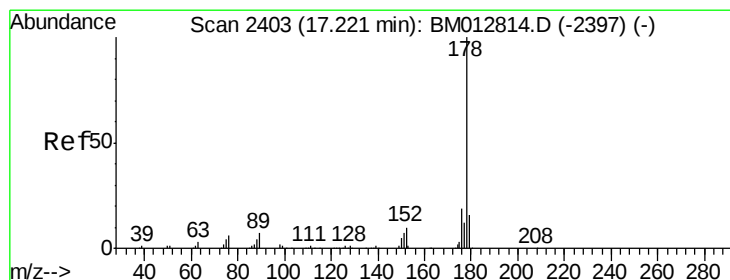
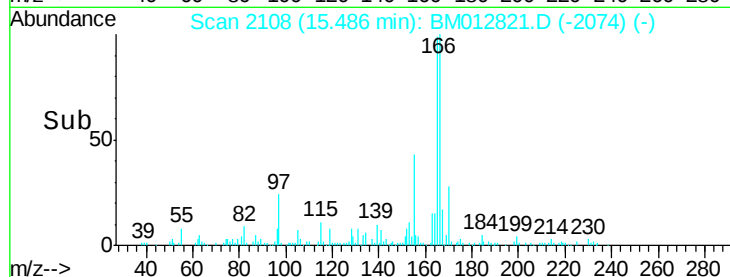
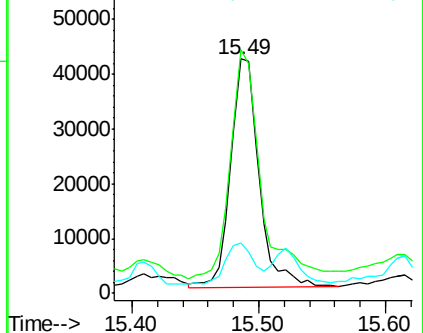
167 21.7 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 8.064 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. 0.01 min

Lab File: BM012821.D

Acq: 08 Nov 2017 15:10

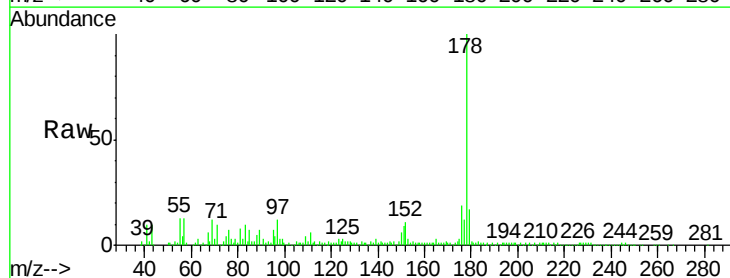
Tgt Ion:178 Resp: 282712

Ion Ratio Lower Upper

178 100

179 17.0 12.2 18.4

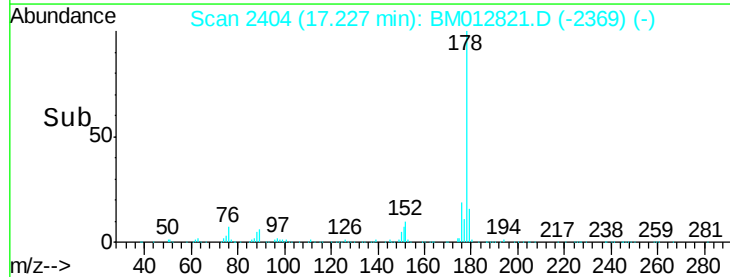
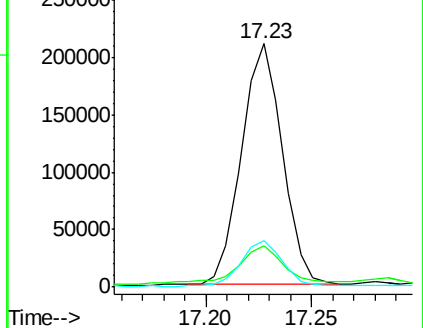
176 19.1 15.6 23.4

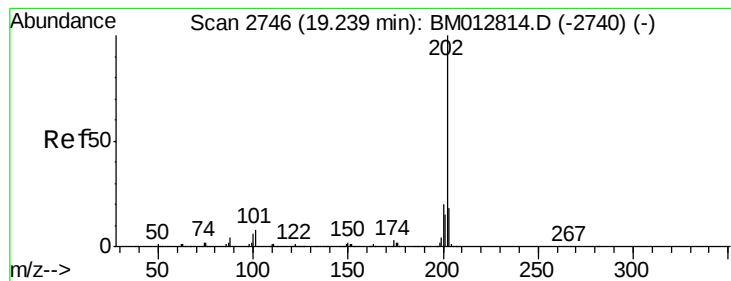


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 2.821 ng/ul

RT: 19.24 min Scan# 2746

Delta R.T. -0.00 min

Lab File: BM012821.D

Acq: 08 Nov 2017 15:10

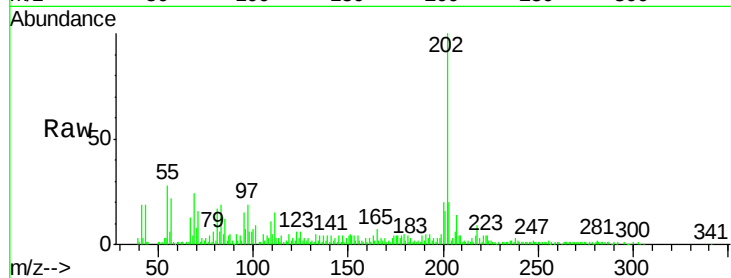
Instrument :

BNA_M

ClientSampleId :

B-79(5-6)-102617

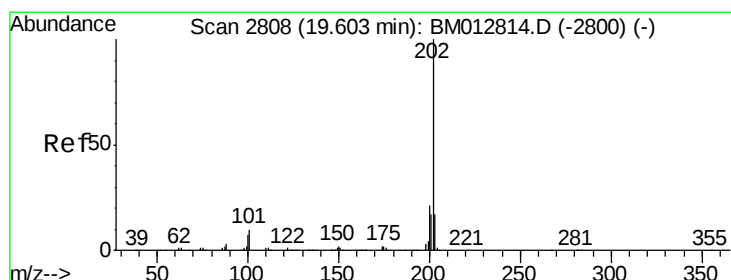
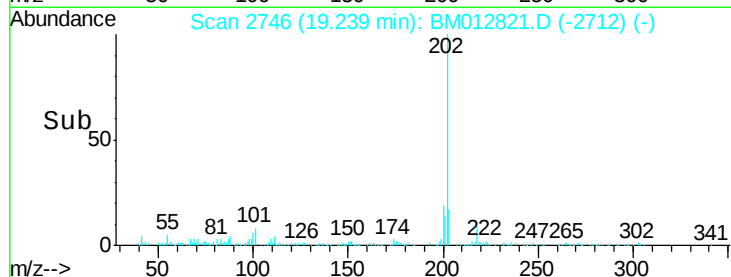
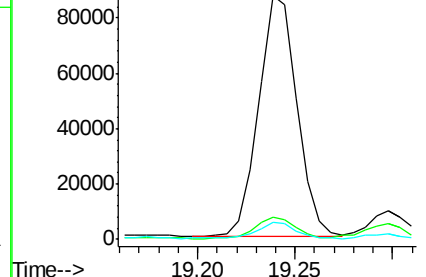
Tgt Ion:	202	Resp:	118854
Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.8	13.2
100	7.2	6.6	9.8



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



#79

Pyrene

Concen: 3.361 ng/ul

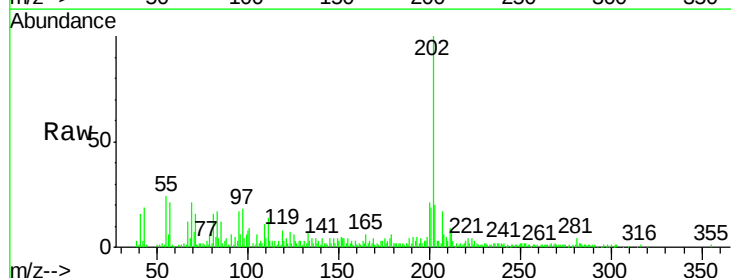
RT: 19.60 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BM012821.D

Acq: 08 Nov 2017 15:10

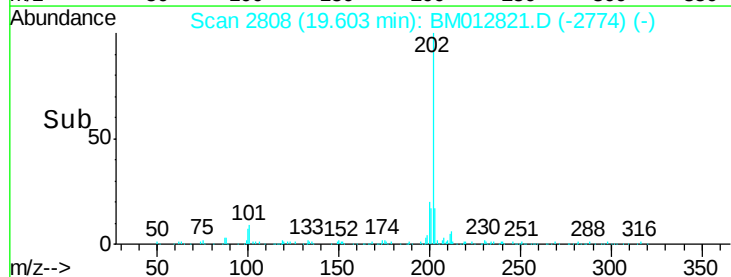
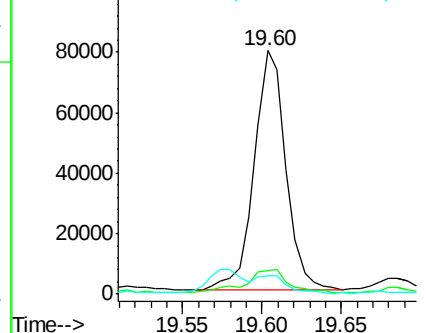
Tgt Ion:	202	Resp:	110928
Ion	Ratio	Lower	Upper
202	100		
101	9.4	10.2	15.2#
100	7.8	8.5	12.7#

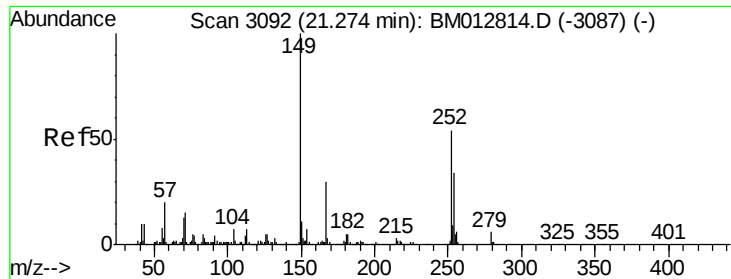


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.132 ng/ul
 RT: 21.27 min Scan# 3092
 Delta R.T. -0.00 min
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Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.6	21.6	32.4#
279	6.9	3.0	4.4#

