

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012773.D
 Acq On : 06 Nov 2017 12:35
 Operator : SJ/JU
 Sample : I5825-01DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-67(2.5-3.8)-101017DL

Quant Time: Nov 07 04:22:25 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 04:13:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	103315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	431726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	266910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	566583	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	498996	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	518878	20.00	ng/ul	0.00

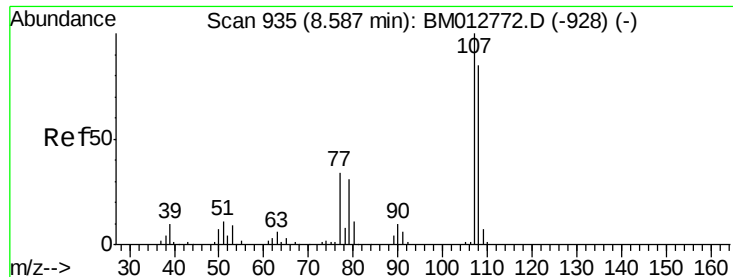
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1027	0.54	ng/uL	0.00
5) Phenol-d5	6.99	99	24281	3.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	20628	4.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	19902	3.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	20561	3.10	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	17705	5.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	11558	3.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	23125	3.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	313855	43.47	ng/ul	-0.02
43) Dimethylphthalate-d6	13.86	166	69932	3.17	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	88539	3.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	14271	4.03	ng/ul	-0.01
57) Fluorene-d10	15.44	176	59676	3.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	4524	1.21	ng/ul	0.00
70) Anthracene-d10	17.29	188	89342	3.26	ng/ul	0.00
78) Pyrene-d10	19.59	212	85769	3.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	78463	3.20	ng/ul	0.00

Target Compounds

					Qvalue	
16) 4-Methylphenol	8.59	108	8704	1.336	ng/ul	99
28) Naphthalene	10.65	128	282703	13.098	ng/ul#	90
34) 2-Methylnaphthalene	12.26	142	53809	3.262	ng/ul	95
58) Fluorene	15.50	166	42300	1.935	ng/ul#	82
69) Phenanthrene	17.24	178	57128	1.845	ng/ul#	91
75) Di-n-butylphthalate	18.16	149	1108591	35.328	ng/ul	99
76) Fluoranthene	19.26	202	130783	3.514	ng/ul#	94
79) Pyrene	19.62	202	124445	4.180	ng/ul#	92
82) Benzo(a)anthracene	21.36	228	38994	1.291	ng/ul#	88
84) Chrysene	21.41	228	44115	1.612	ng/ul#	90
87) Benzo(b)fluoranthene	22.98	252	47391	1.495	ng/ul#	66

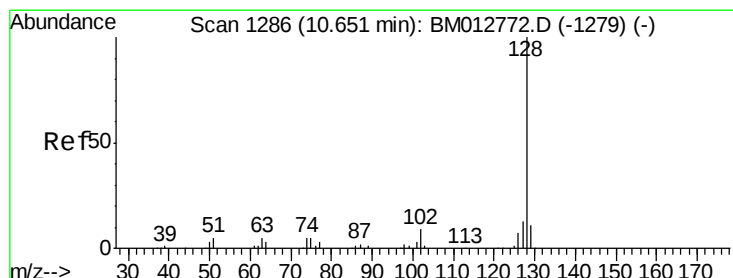
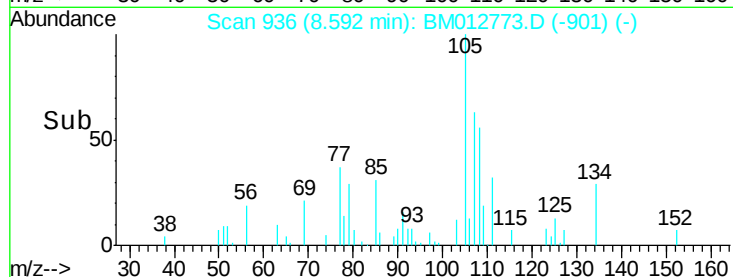
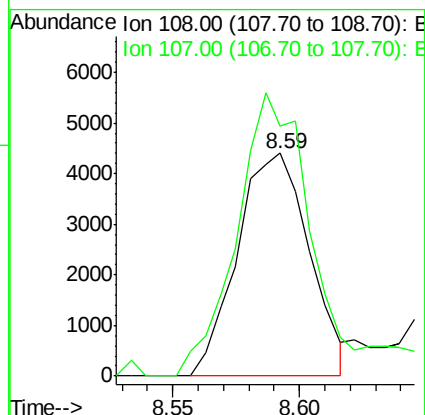
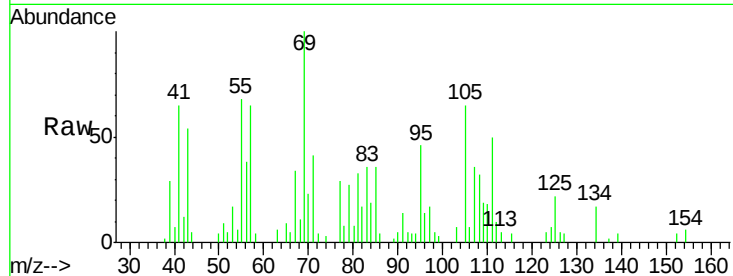
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
4-Methylphenol
Concen: 1.336 ng/ul
RT: 8.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BM012773.D
Acq: 06 Nov 2017 12:35

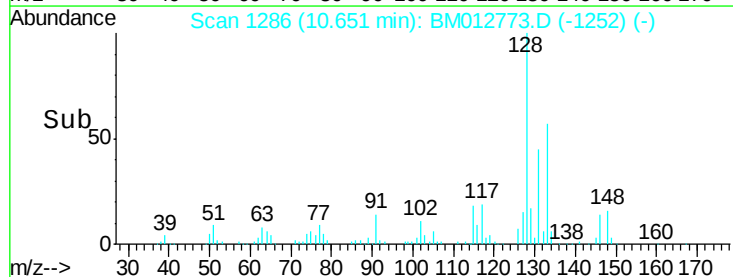
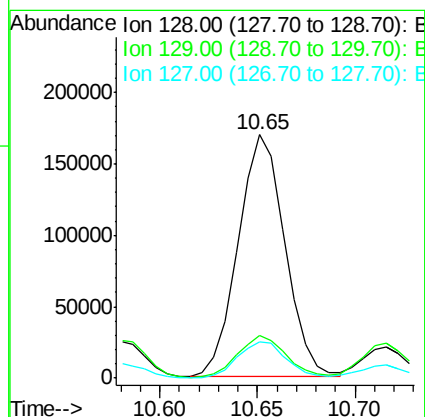
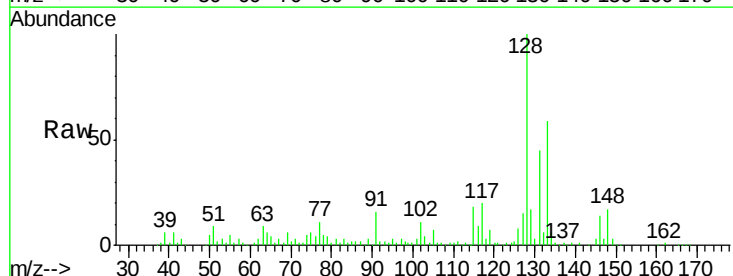
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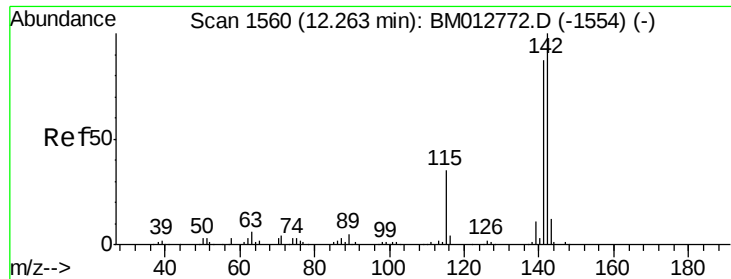
Tgt Ion:108 Resp: 8704
Ion Ratio Lower Upper
108 100
107 112.3 90.3 135.5



#28
Naphthalene
Concen: 13.098 ng/ul
RT: 10.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BM012773.D
Acq: 06 Nov 2017 12:35

Tgt Ion:128 Resp: 282703
Ion Ratio Lower Upper
128 100
129 17.4 8.8 13.2#
127 14.8 10.5 15.7

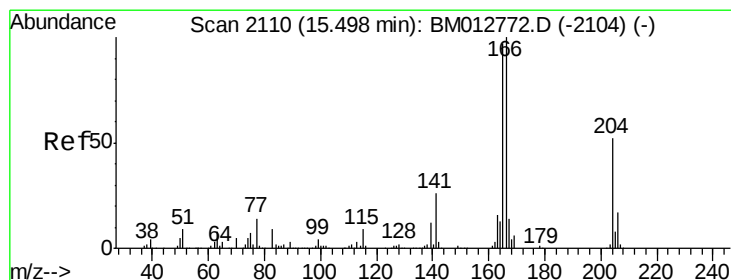
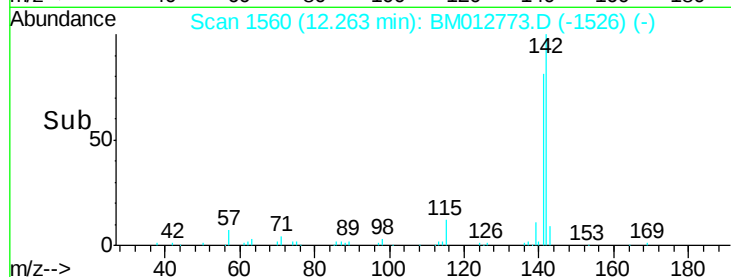
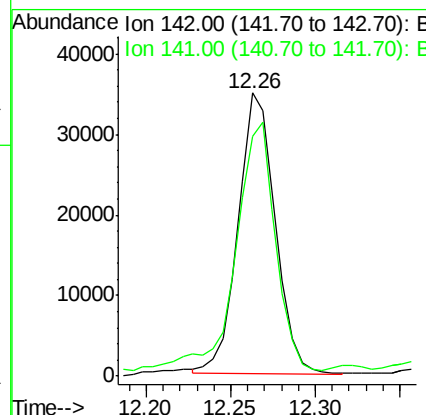
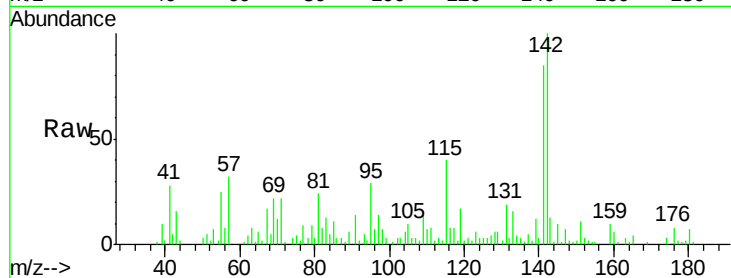




#34
 2-Methylnaphthalene
 Concen: 3.262 ng/ul
 RT: 12.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BM012773.D
 Acq: 06 Nov 2017 12:35

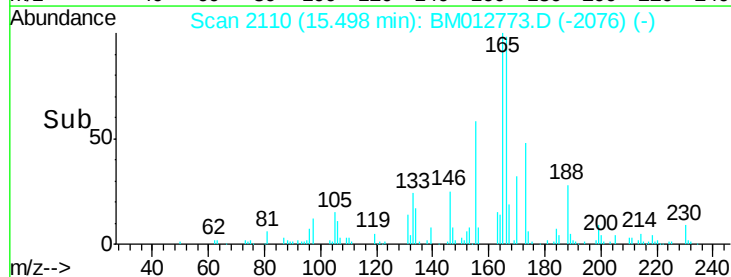
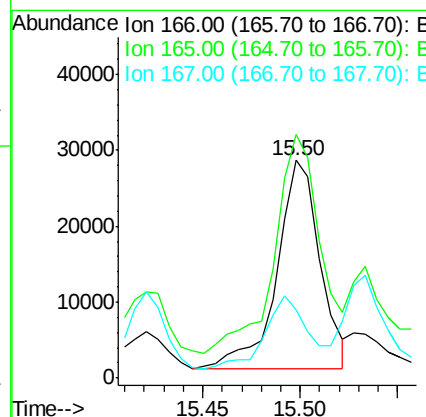
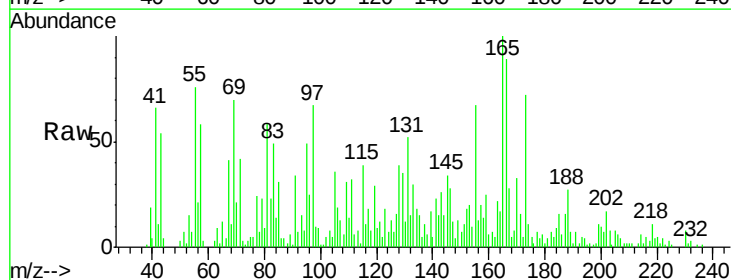
Instrument :
 BNA_M
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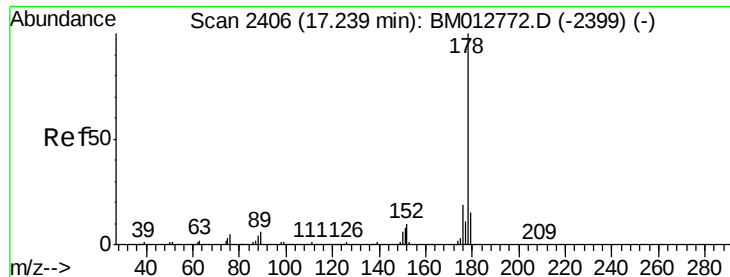
Tgt Ion:142 Resp: 53809
 Ion Ratio Lower Upper
 142 100
 141 84.5 71.6 107.4



#58
 Fluorene
 Concen: 1.935 ng/ul
 RT: 15.50 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: BM012773.D
 Acq: 06 Nov 2017 12:35

Tgt Ion:166 Resp: 42300
 Ion Ratio Lower Upper
 166 100
 165 111.9 78.5 117.7
 167 31.3 10.7 16.1#





#69

Phenanthrene

Concen: 1.845 ng/ul

RT: 17.24 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BM012773.D

Acq: 06 Nov 2017 12:35

Instrument :

BNA_M

ClientSampleId :

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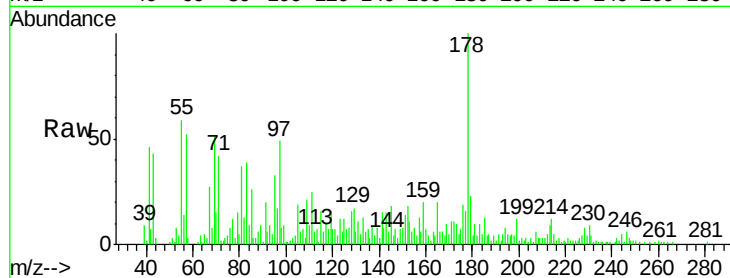
Tgt Ion:178 Resp: 57128

Ion Ratio Lower Upper

178 100

179 23.5 12.2 18.4#

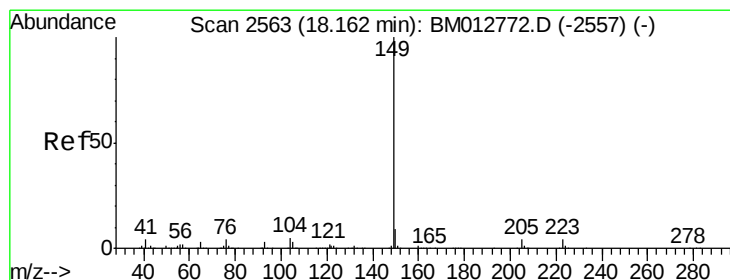
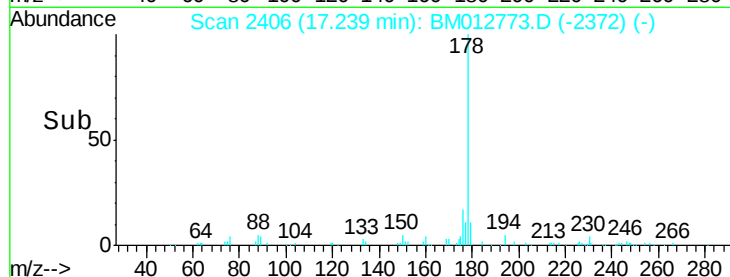
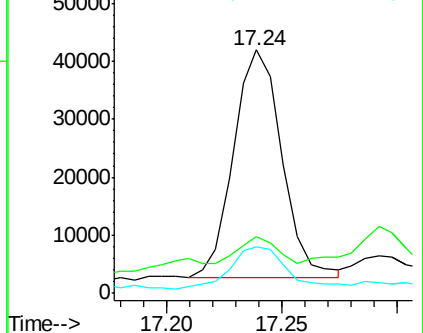
176 19.2 15.6 23.4



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



#75

Di-n-butylphthalate

Concen: 35.328 ng/ul

RT: 18.16 min Scan# 2563

Delta R.T. 0.00 min

Lab File: BM012773.D

Acq: 06 Nov 2017 12:35

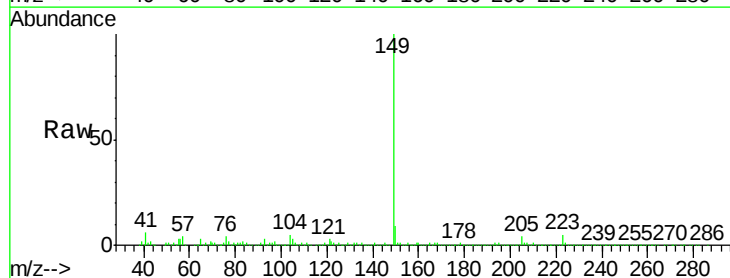
Tgt Ion:149 Resp: 1108591

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

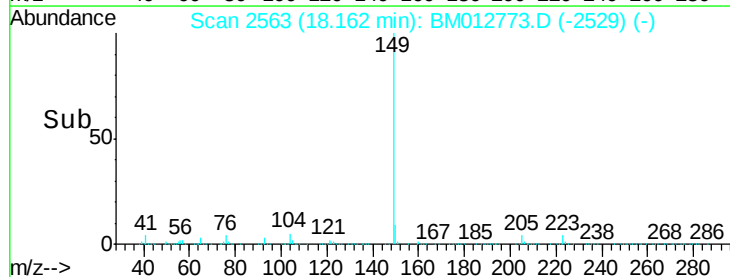
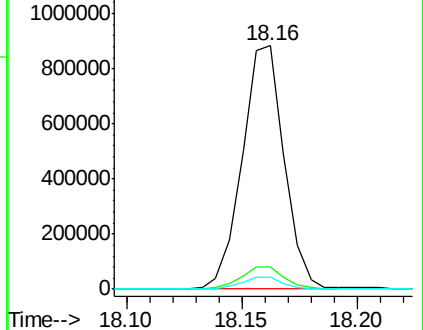
104 4.8 4.0 6.0

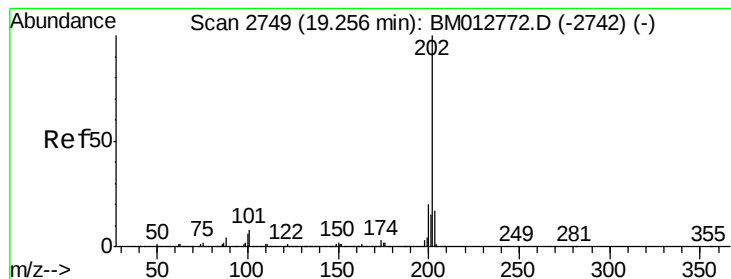


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 3.514 ng/ul

RT: 19.26 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BM012773.D

Acq: 06 Nov 2017 12:35

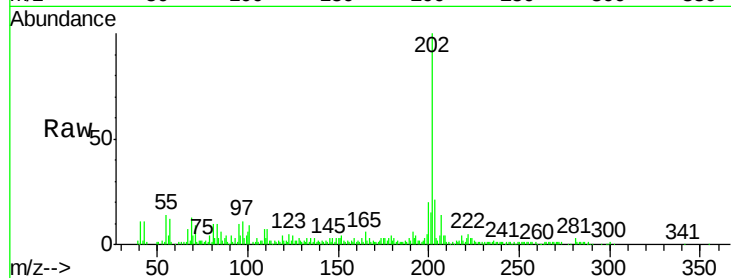
Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017DL

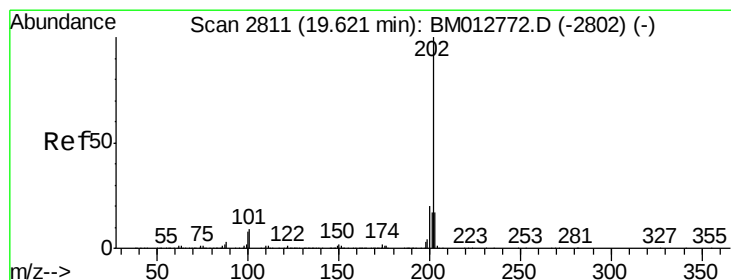
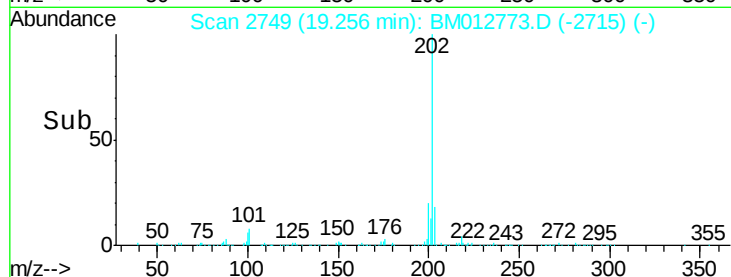
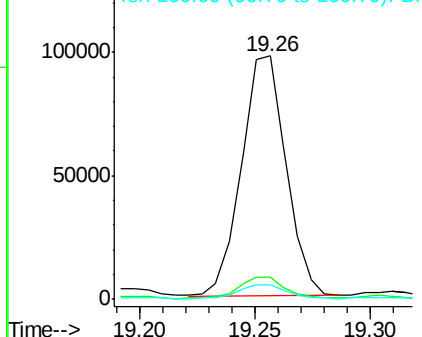
Tgt Ion:	202	Resp:	130783
Ion Ratio	Lower	Upper	
202	100		
101	9.0	8.8	13.2
100	5.9	6.6	9.8#



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: 4.180 ng/ul

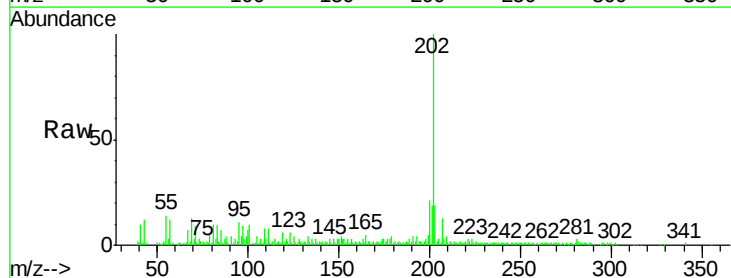
RT: 19.62 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BM012773.D

Acq: 06 Nov 2017 12:35

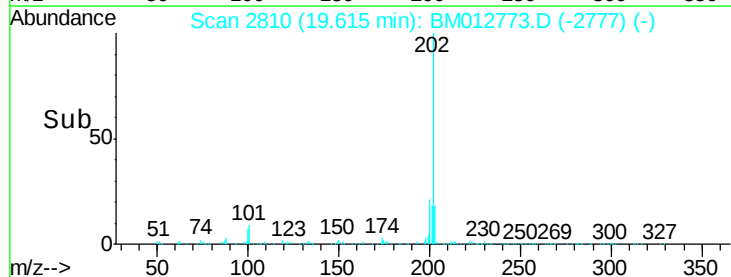
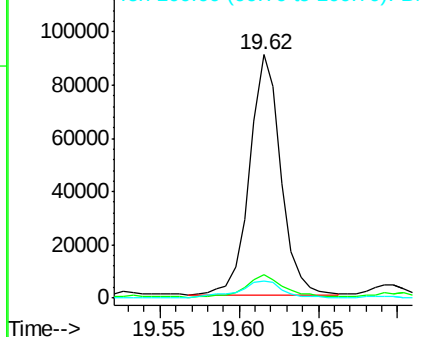
Tgt Ion:	202	Resp:	124445
Ion Ratio	Lower	Upper	
202	100		
101	9.8	10.2	15.2#
100	7.1	8.5	12.7#

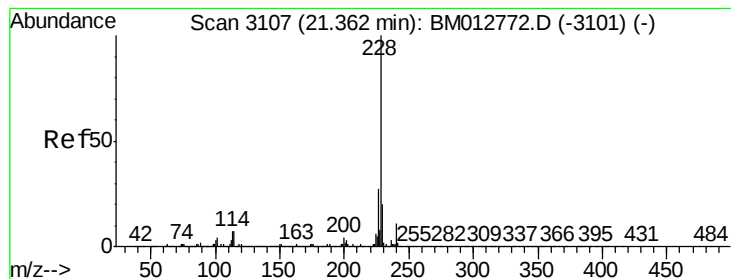


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.291 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BM012773.D

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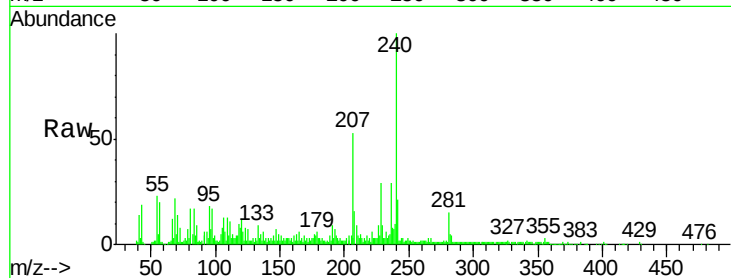
Tgt Ion:228 Resp: 38994

Ion Ratio Lower Upper

228 100

229 29.4 15.7 23.5#

226 29.8 21.8 32.6

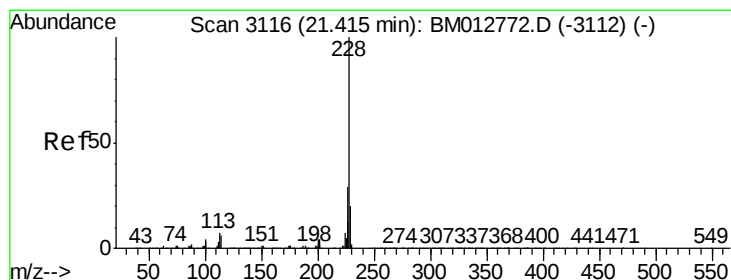
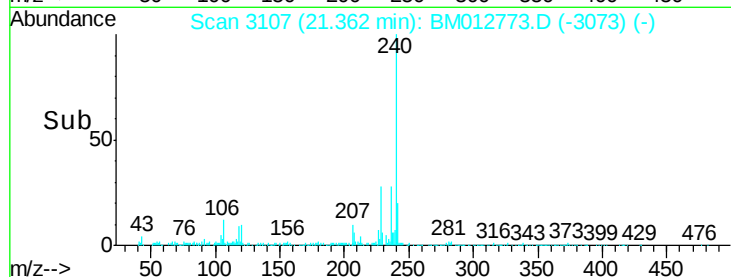
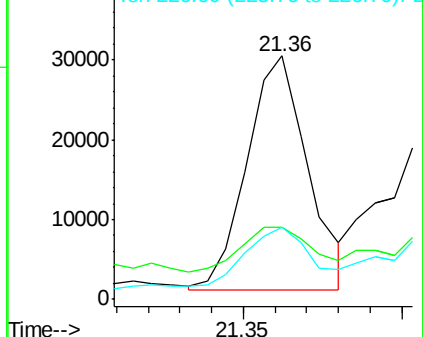


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Chrysene

Concen: 1.612 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM012773.D

Acq: 06 Nov 2017 12:35

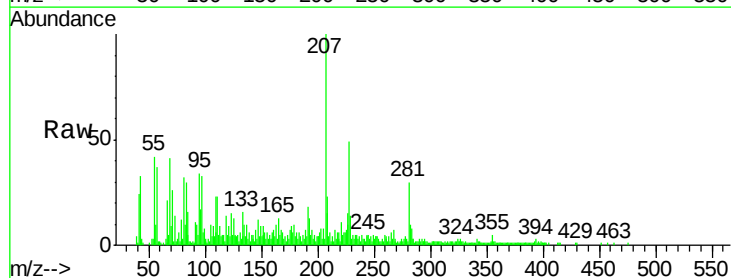
Tgt Ion:228 Resp: 44115

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

229 29.2 15.6 23.4#

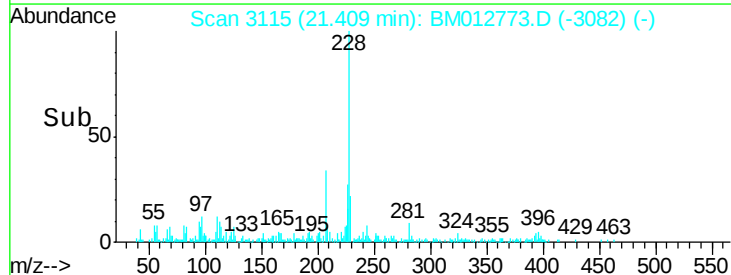
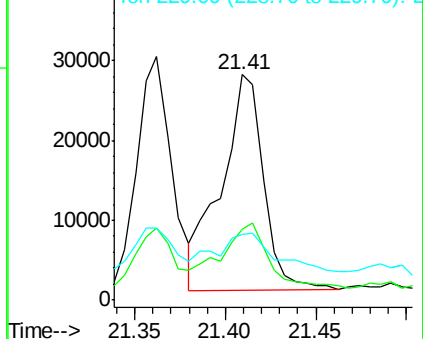


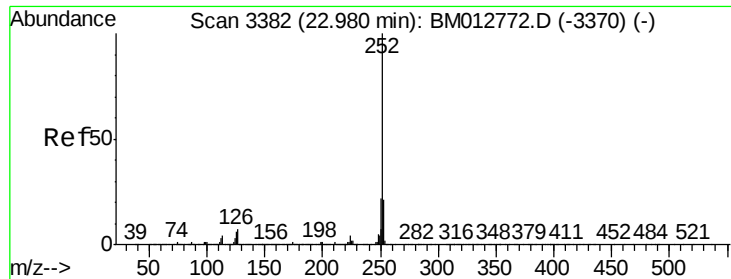
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 1.495 ng/ul

RT: 22.98 min Scan# 3382

Delta R.T. 0.00 min

Lab File: BM012773.D

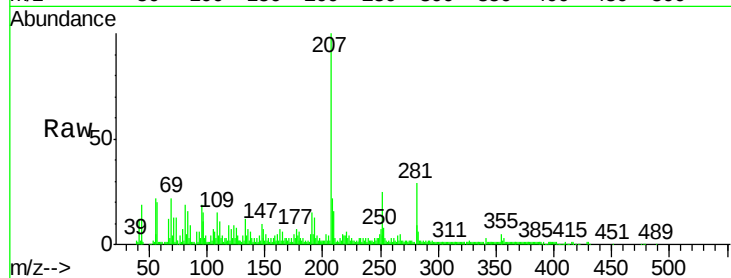
Acq: 06 Nov 2017 12:35

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Tgt Ion:	252	Resp:	47391
Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.5	26.3#
125	33.7	8.5	12.7#

