

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110517\
 Data File : BM012767.D
 Acq On : 06 Nov 2017 08:10
 Operator : SJ/JU
 Sample : I5902-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-65(0.5-1.5)-101317

Quant Time: Nov 07 03:32:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	150181	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	621215	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	381587	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	762421	20.00	ng/ul	0.01
77) Chrysene-d12	21.39	240	655284	20.00	ng/ul	0.01
85) Perylene-d12	23.69	264	737663	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	5084	1.83	ng/uL	0.00
5) Phenol-d5	7.00	99	199741	17.88	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	101009	16.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.35	132	160534	17.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	159104	16.49	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	86198	18.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	81930	15.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	187211	17.39	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	80656	7.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	654317	20.72	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	766495	19.63	ng/ul	0.01
51) 4-Nitrophenol-d4	14.70	143	3743	0.74	ng/ul	0.04
57) Fluorene-d10	15.45	176	572937	21.18	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.50	200	133	0.03	ng/ul	-0.07
70) Anthracene-d10	17.30	188	790790	21.47	ng/ul	0.01
78) Pyrene-d10	19.60	212	714647	23.50	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.54	264	752979	21.59	ng/ul	0.04

Target Compounds

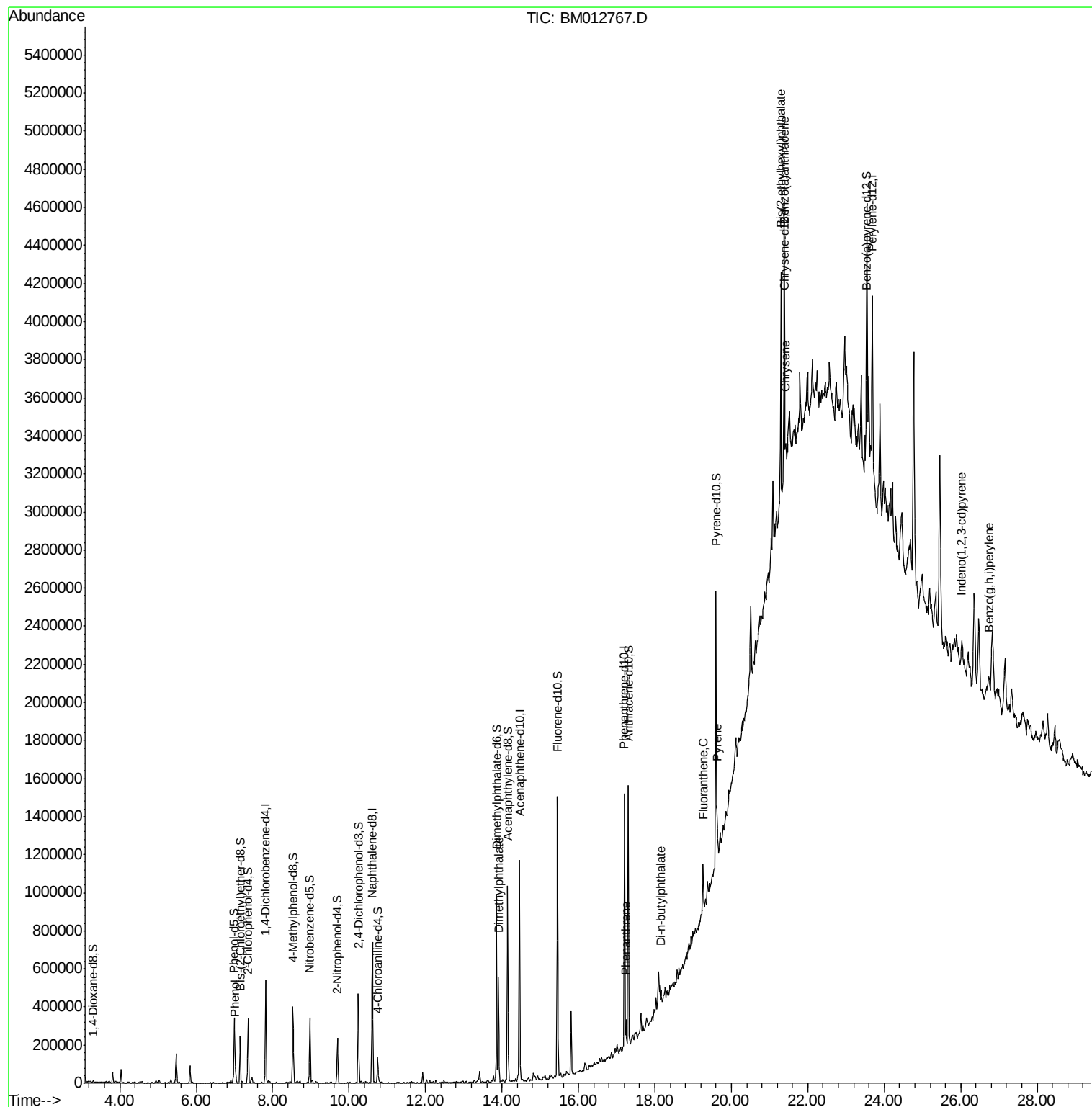
					Qvalue	
6) Phenol	7.02	94	34238	2.985	ng/ul	99
44) Dimethylphthalate	13.91	163	349169	11.143	ng/ul	98
69) Phenanthrene	17.24	178	88555	2.125	ng/ul	98
75) Di-n-butylphthalate	18.16	149	57266	1.356	ng/ul#	95
76) Fluoranthene	19.26	202	135964	2.715	ng/ul#	95
79) Pyrene	19.63	202	148715	3.804	ng/ul#	92
82) Benzo(a)anthracene	21.37	228	68227	1.721	ng/ul#	76
83) Bis(2-ethylhexyl)phthalate	21.29	149	393816	18.961	ng/ul#	93
84) Chrysene	21.42	228	109439	3.045	ng/ul#	77
91) Indeno(1,2,3-cd)pyrene	26.02	276	86363	1.671	ng/ul#	92
93) Benzo(g,h,i)perylene	26.74	276	89226	2.095	ng/ul#	90

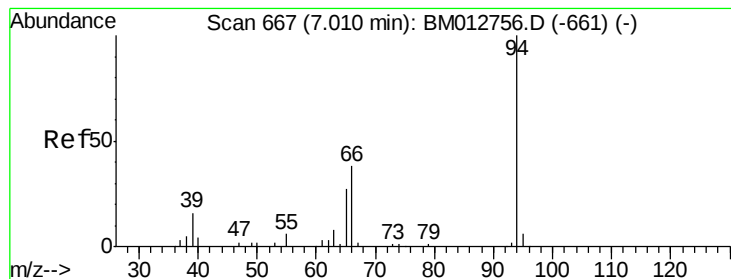
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.985 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.01 min

Lab File: BM012767.D

Acq: 06 Nov 2017 08:10

Instrument :

BNA_M

ClientSampleId :

B-65(0.5-1.5)-101317

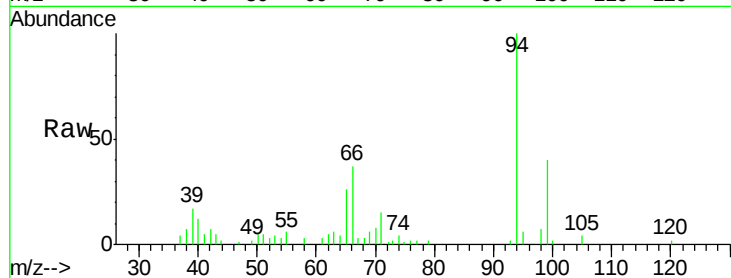
Tgt Ion: 94 Resp: 34238

Ion Ratio Lower Upper

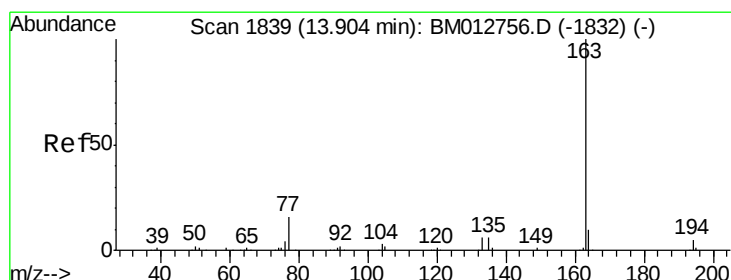
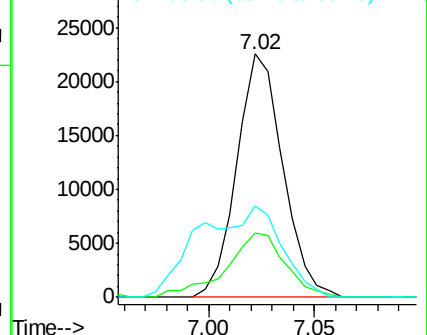
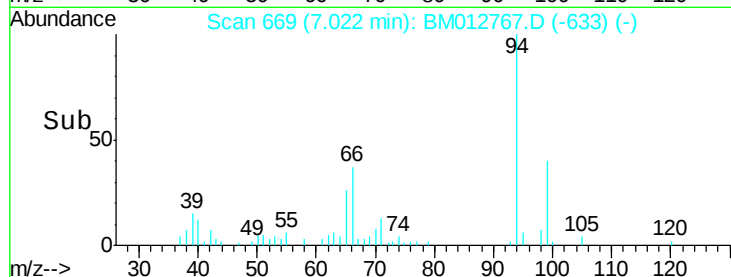
94 100

65 26.3 21.0 31.6

66 37.4 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM012767.D (-633) (-)



#44

Dimethylphthalate

Concen: 11.143 ng/ul

RT: 13.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BM012767.D

Acq: 06 Nov 2017 08:10

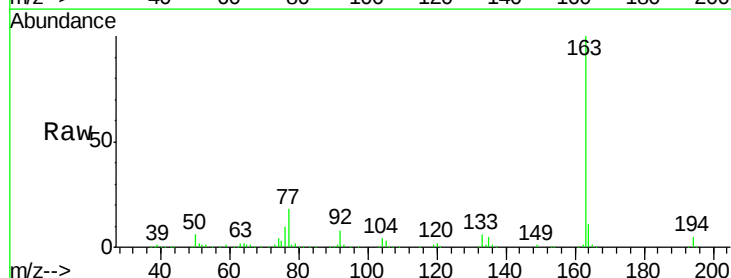
Tgt Ion: 163 Resp: 349169

Ion Ratio Lower Upper

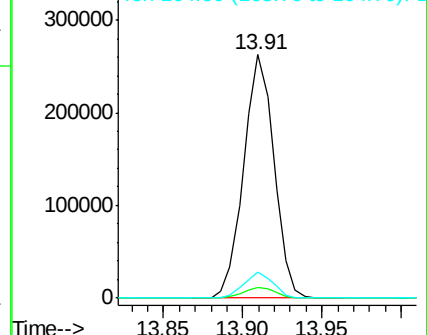
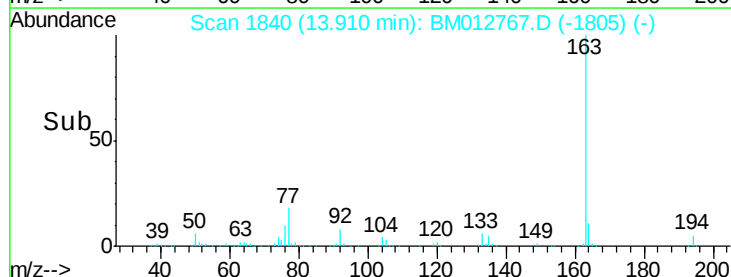
163 100

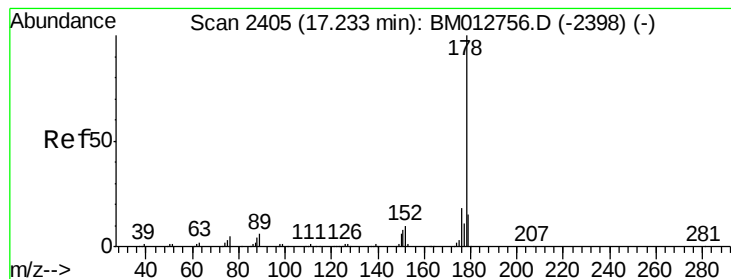
194 4.6 3.2 4.8

164 10.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): BM012767.D (-1805) (-)





#69

Phenanthrene

Concen: 2.125 ng/ul

RT: 17.24 min Scan# 2407

Delta R.T. 0.01 min

Lab File: BM012767.D

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Instrument :

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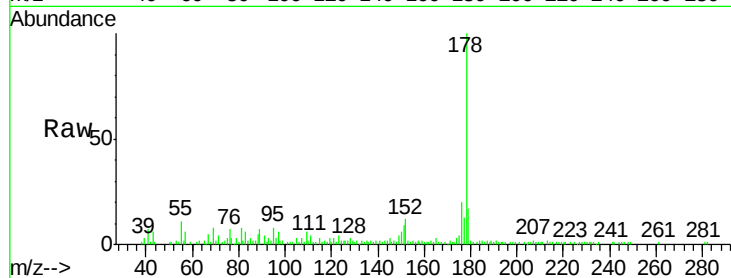
Tgt Ion:178 Resp: 88555

Ion Ratio Lower Upper

178 100

179 17.0 12.2 18.4

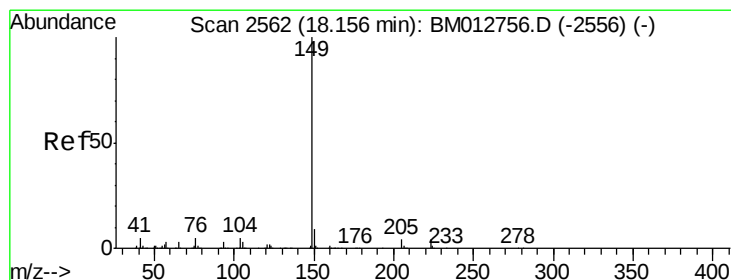
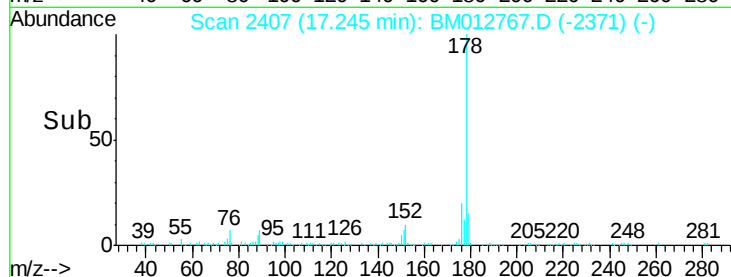
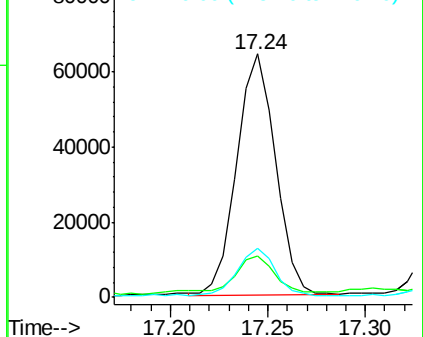
176 20.1 15.6 23.4



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



#75

Di-n-butylphthalate

Concen: 1.356 ng/ul

RT: 18.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BM012767.D

Acq: 06 Nov 2017 08:10

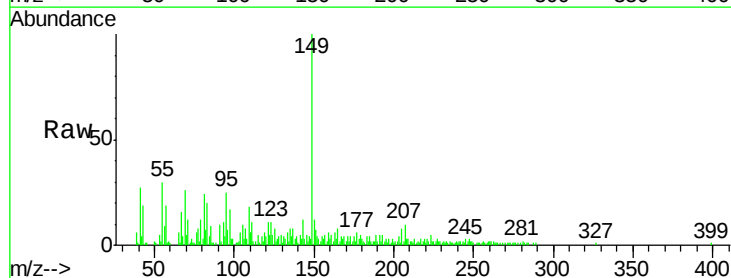
Tgt Ion:149 Resp: 57266

Ion Ratio Lower Upper

149 100

150 11.8 7.4 11.0#

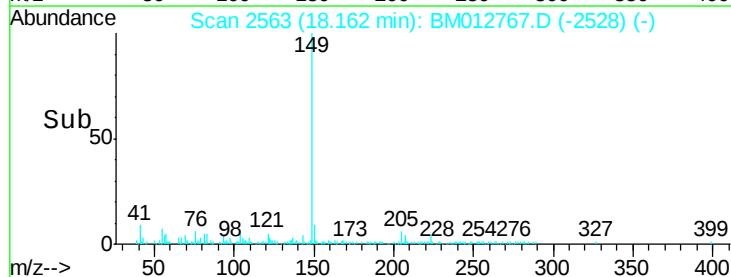
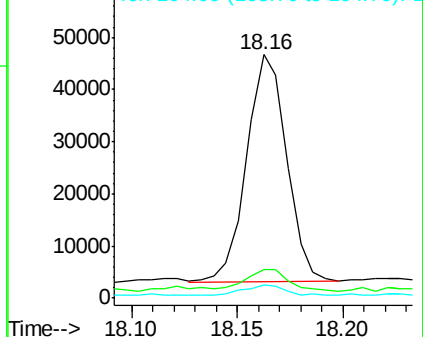
104 5.5 4.0 6.0

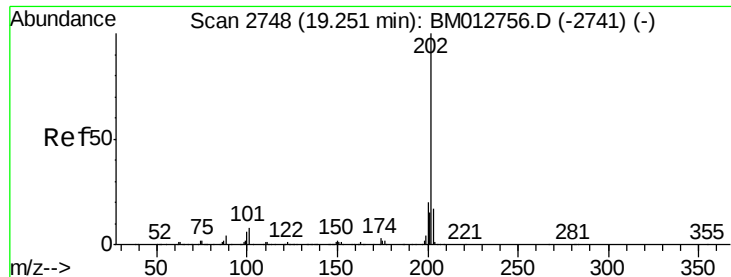


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 2.715 ng/ul

RT: 19.26 min Scan# 2750

Delta R.T. 0.01 min

Lab File: BM012767.D

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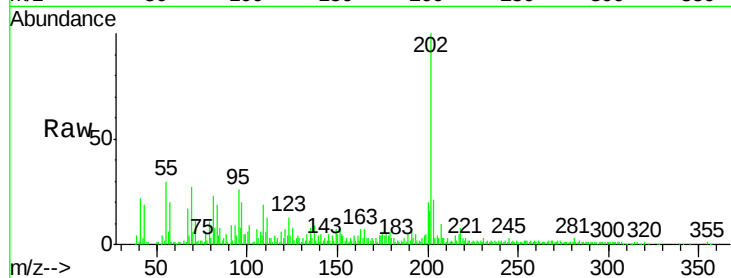
Tgt Ion:202 Resp: 135964

Ion Ratio Lower Upper

202 100

101 9.1 8.8 13.2

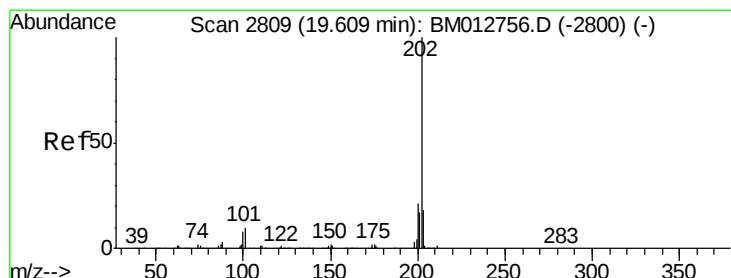
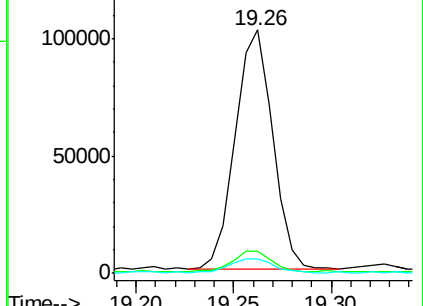
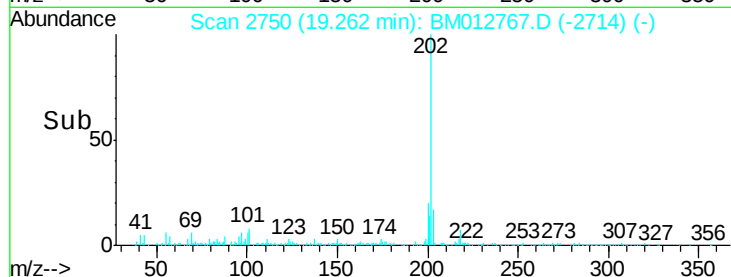
100 6.1 6.6 9.8#



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: 3.804 ng/ul

RT: 19.63 min Scan# 2812

Delta R.T. 0.02 min

Lab File: BM012767.D

Acq: 06 Nov 2017 08:10

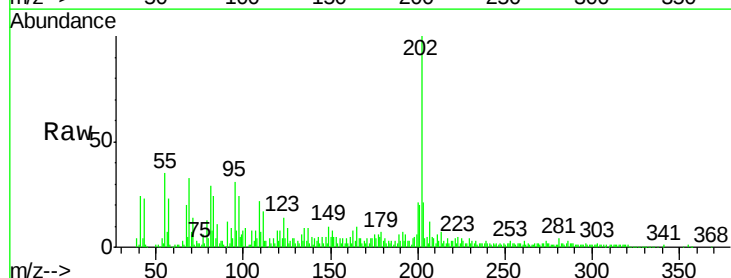
Tgt Ion:202 Resp: 148715

Ion Ratio Lower Upper

202 100

101 8.8 10.2 15.2#

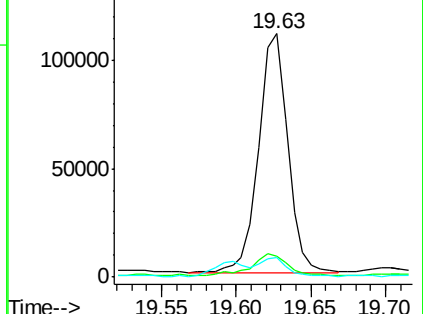
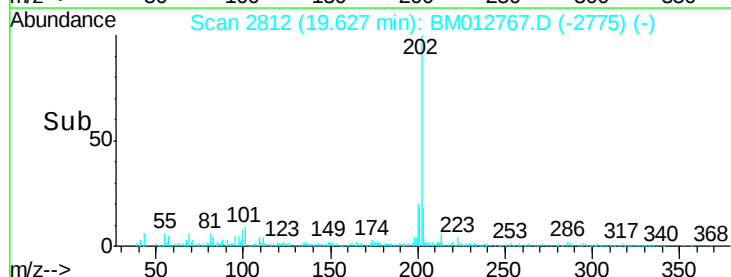
100 8.0 8.5 12.7#

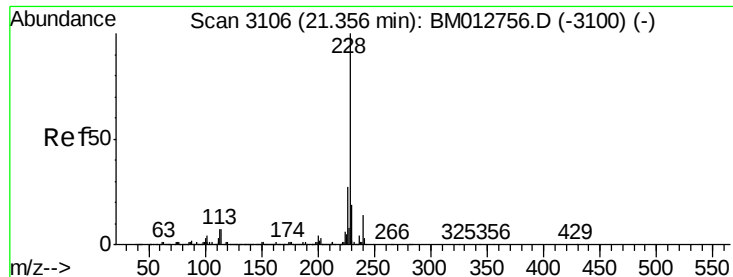


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.721 ng/ul

RT: 21.37 min Scan# 3109

Delta R.T. 0.02 min

Lab File: BM012767.D

Acq: 06 Nov 2017 08:10

Instrument :

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ClientSampleId :

B-65(0.5-1.5)-101317

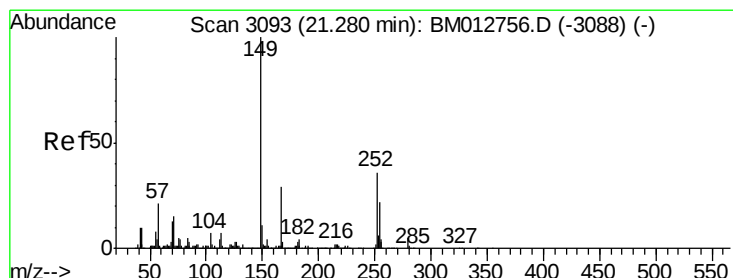
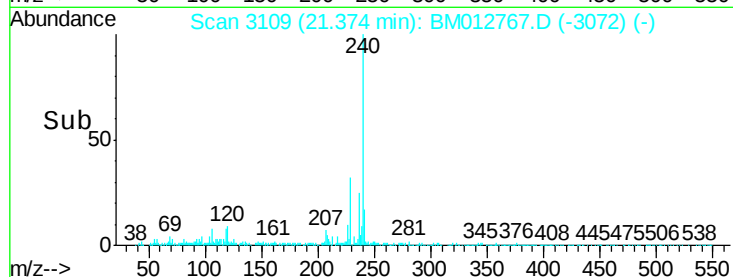
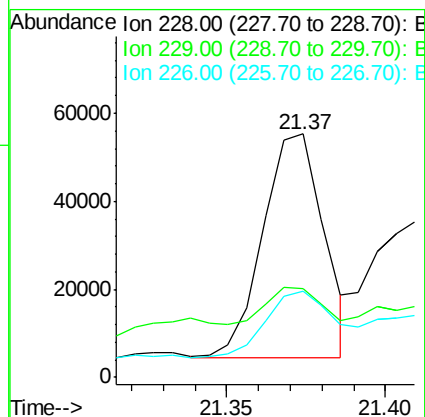
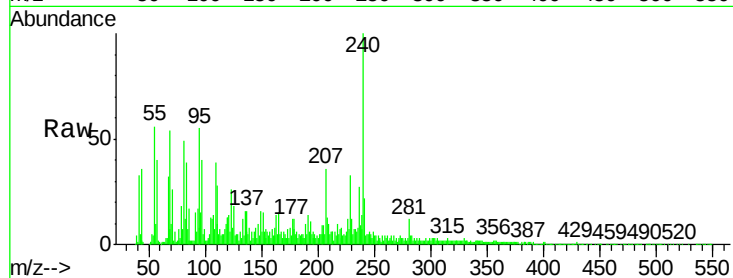
Tgt Ion:228 Resp: 68227

Ion Ratio Lower Upper

228 100

229 36.4 15.7 23.5#

226 35.3 21.8 32.6#



#83

Bis(2-ethylhexyl)phthalate

Concen: 18.961 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM012767.D

Acq: 06 Nov 2017 08:10

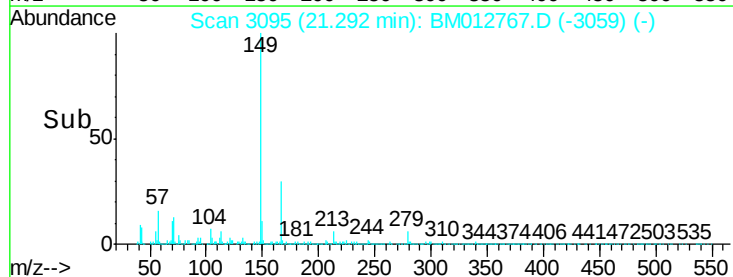
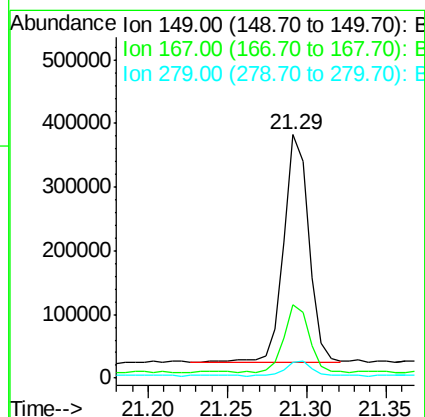
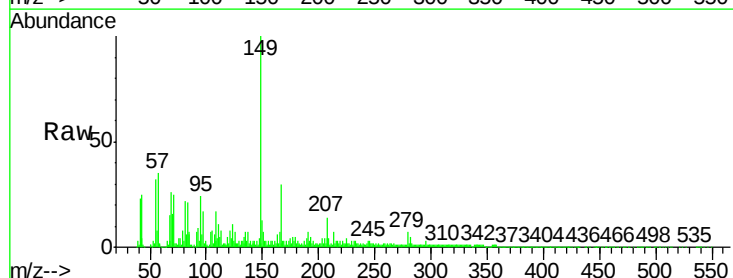
Tgt Ion:149 Resp: 393816

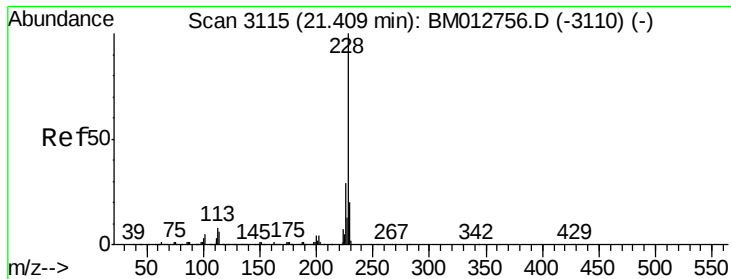
Ion Ratio Lower Upper

149 100

167 30.3 21.6 32.4

279 6.5 3.0 4.4#





#84

Chrysene

Concen: 3.045 ng/ul

RT: 21.42 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BM012767.D

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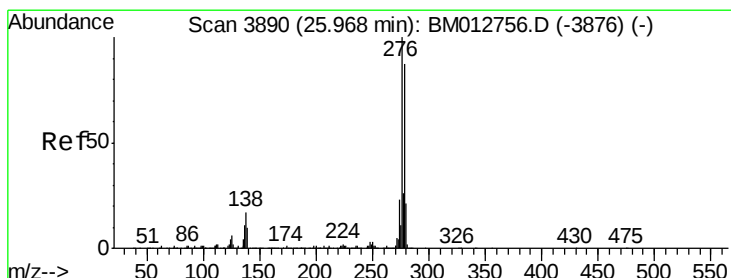
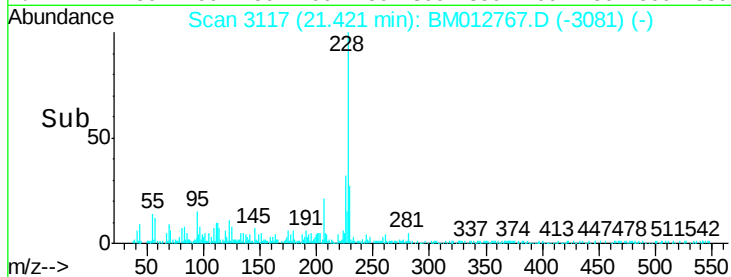
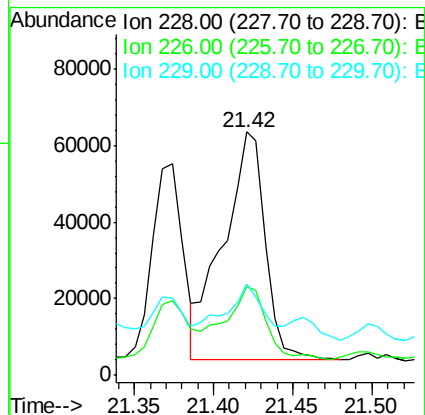
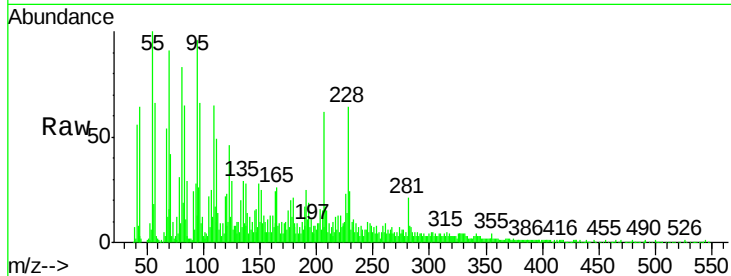
Tgt Ion:228 Resp: 109439

Ion Ratio Lower Upper

228 100

226 36.7 24.0 36.0#

229 37.3 15.6 23.4#



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.671 ng/ul

RT: 26.02 min Scan# 3899

Delta R.T. 0.05 min

Lab File: BM012767.D

Acq: 06 Nov 2017 08:10

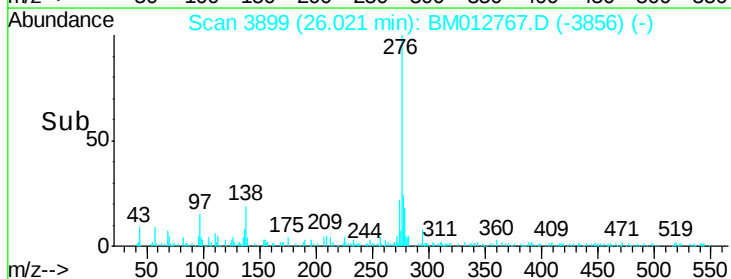
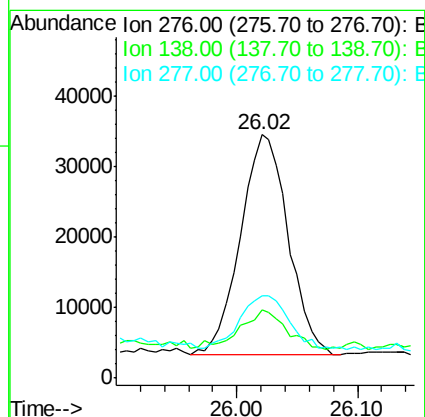
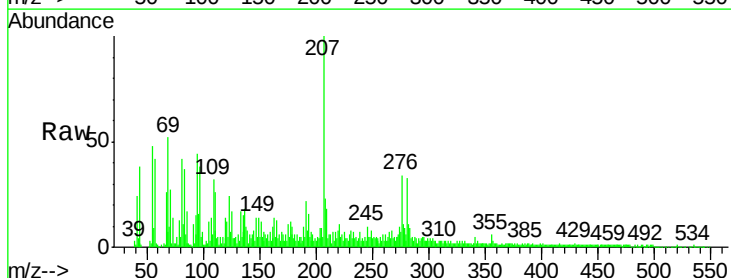
Tgt Ion:276 Resp: 86363

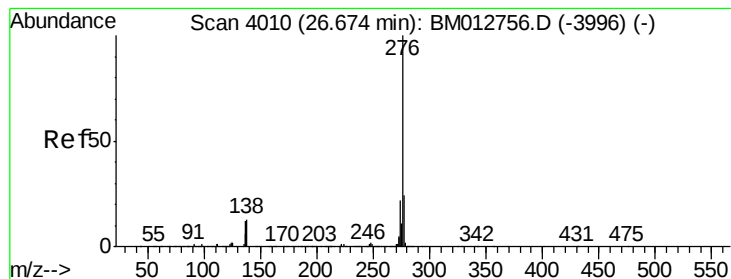
Ion Ratio Lower Upper

276 100

138 28.2 22.3 33.5

277 33.6 20.2 30.2#





#93

Benzo(g,h,i)perylene

Concen: 2.095 ng/ul

RT: 26.74 min Scan# 4021

Delta R.T. 0.06 min

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Acq: 06 Nov 2017 08:10

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Tgt Ion:276 Resp: 89226

Ion Ratio Lower Upper

276 100

138 24.3 18.9 28.3

277 33.6 19.2 28.8#

