

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050516\
 Data File : BM005266.D
 Acq On : 06 May 2016 12:13
 Operator : UM/SJ
 Sample : H2813-03DL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7P2DL

Quant Time: May 06 13:37:35 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 04:26:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	76065	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	372638	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	253973	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	630170	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	758828	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	709651	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.96	99	3105	0.45	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	10471	2.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	10201	1.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	6302	1.11	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	5620	2.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	5765	1.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	12282	2.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	641	0.10	ng/ul	0.01
43) Dimethylphthalate-d6	13.82	166	55578	2.73	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	64229	2.69	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.41	176	55489	3.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	4195	1.18	ng/ul	0.00
70) Anthracene-d10	17.26	188	89997	3.23	ng/ul	0.00
76) Pyrene-d10	19.56	212	105725	3.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	94835	3.02	ng/ul	0.00

Target Compounds

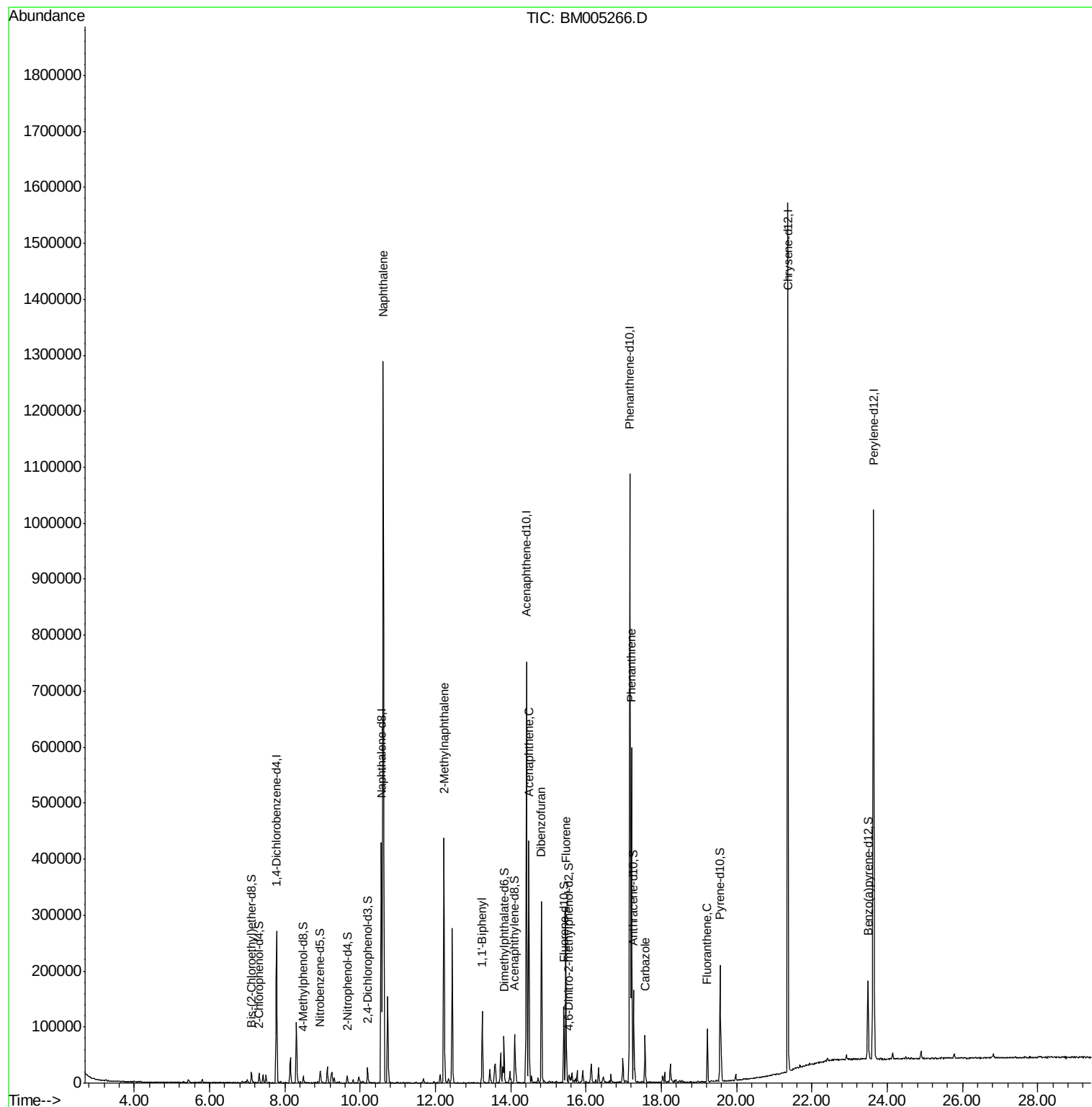
					Qvalue
28) Naphthalene	10.61	128	1079583	57.58 ng/ul	99
34) 2-Methylnaphthalene	12.22	142	209162	14.92 ng/ul	99
40) 1,1'-Biphenyl	13.24	154	71741	3.57 ng/ul	97
49) Acenaphthene	14.47	153	179801	10.80 ng/ul	99
53) Dibenzofuran	14.82	168	218711	9.05 ng/ul	100
58) Fluorene	15.46	166	138964	7.36 ng/ul	99
69) Phenanthrene	17.20	178	347383	10.48 ng/ul	99
72) Carbazole	17.57	167	54562	1.88 ng/ul	98
74) Fluoranthene	19.22	202	59558	1.62 ng/ul	99

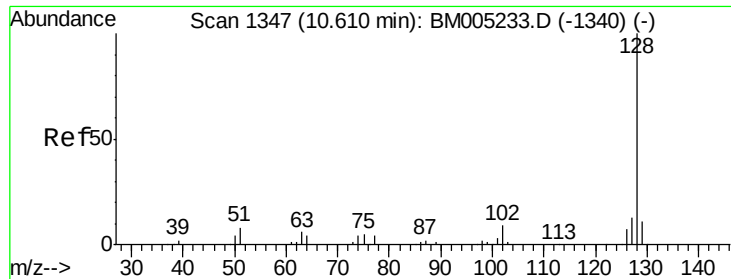
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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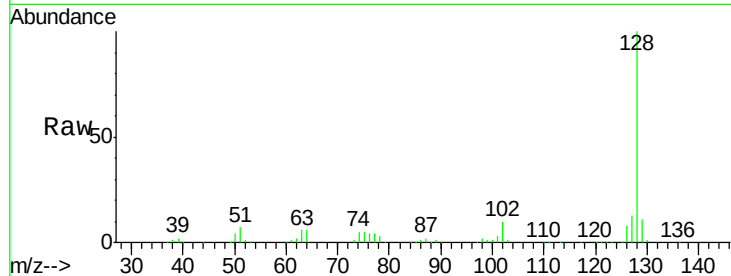




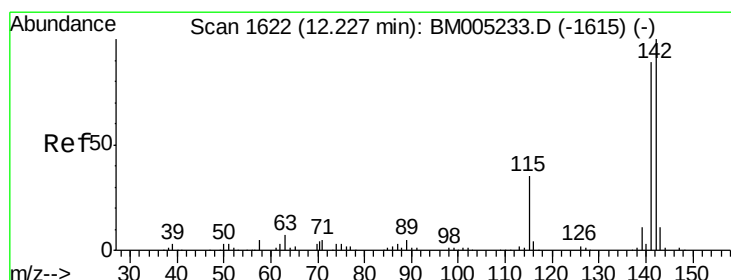
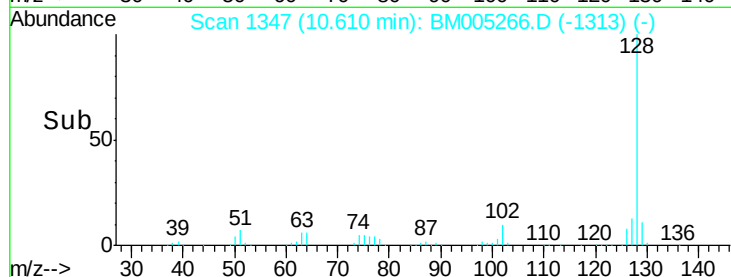
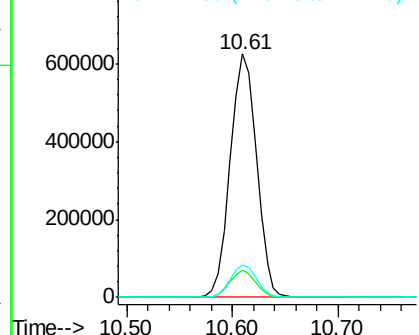
#28
Naphthalene
Concen: 57.58 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BM005266.D
Acq: 06 May 2016 12:13

Instrument :
BNA_M
ClientSampleId :
BC7P2DL

Tgt Ion:128 Resp: 1079583
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.2 10.8 16.2

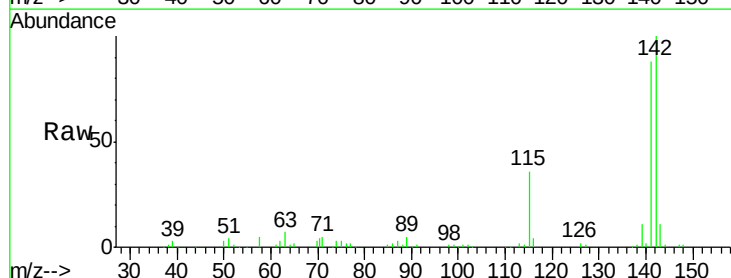


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

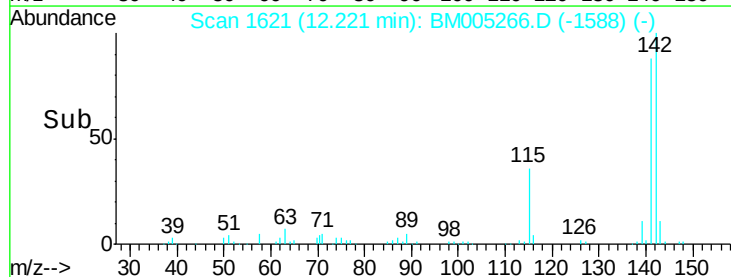
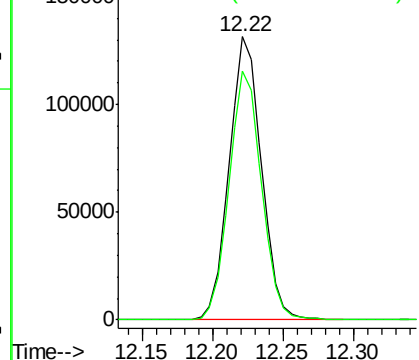


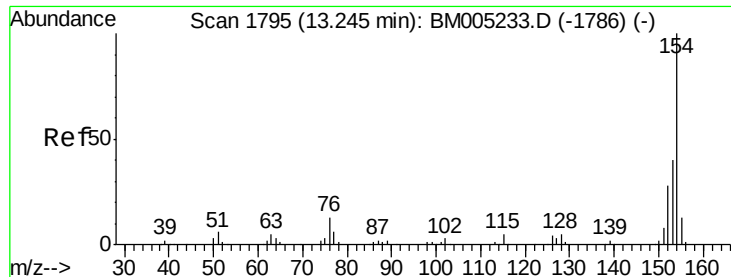
#34
2-Methylnaphthalene
Concen: 14.92 ng/ul
RT: 12.22 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BM005266.D
Acq: 06 May 2016 12:13

Tgt Ion:142 Resp: 209162
Ion Ratio Lower Upper
142 100
141 87.7 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

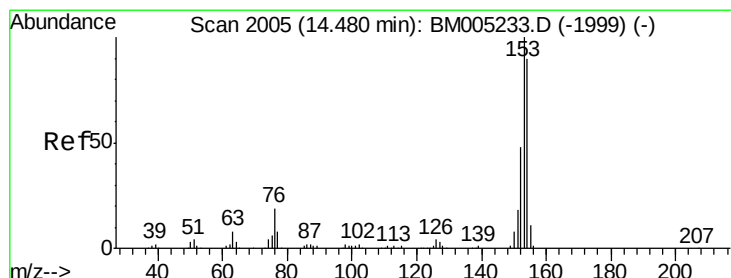
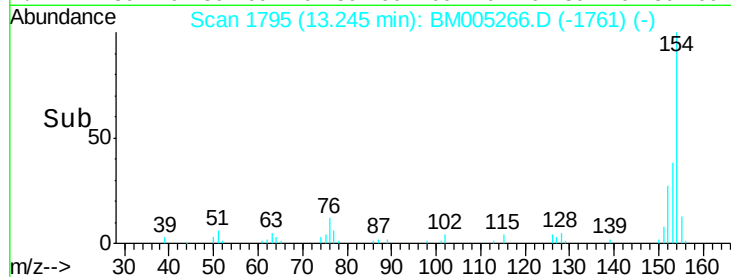
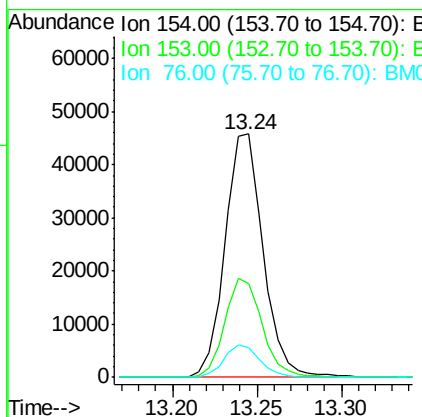
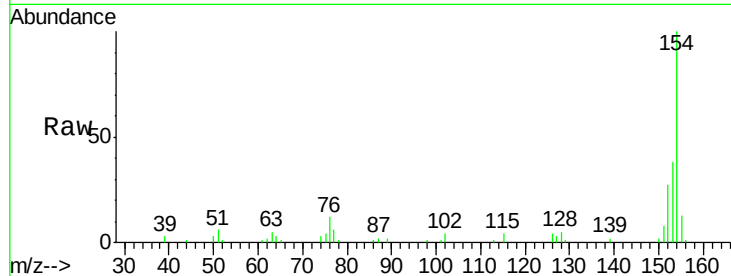




#40
 1,1'-Biphenyl
 Concen: 3.57 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BM005266.D
 Acq: 06 May 2016 12:13

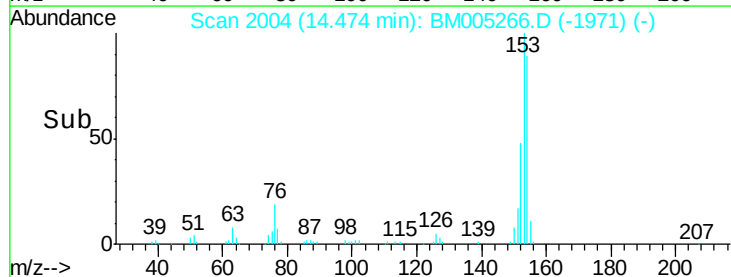
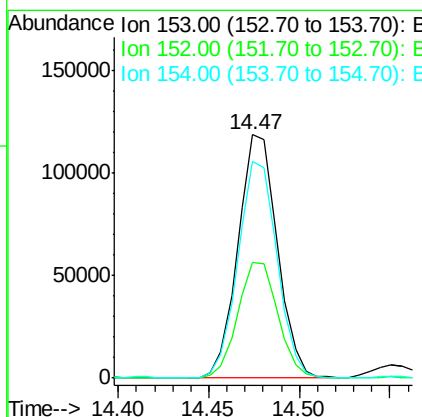
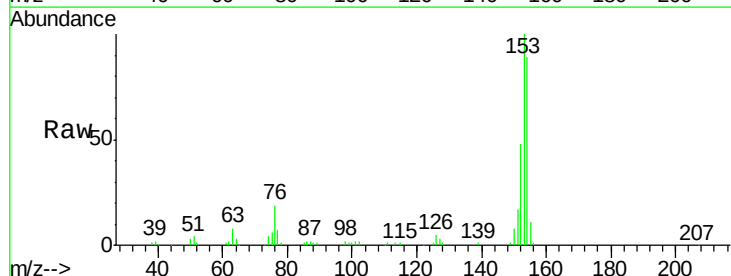
Instrument :
 BNA_M
 ClientSampleId :
 BC7P2DL

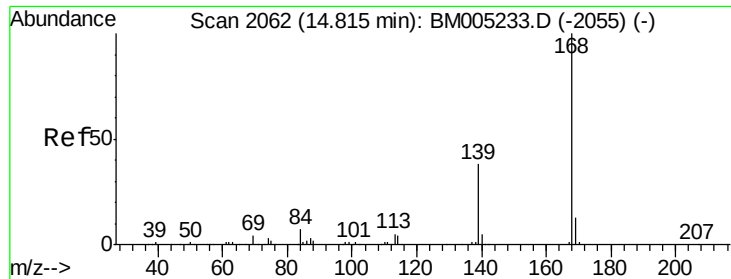
Tgt Ion:154 Resp: 71741
 Ion Ratio Lower Upper
 154 100
 153 38.3 32.1 48.1
 76 12.3 10.6 15.8



#49
 Acenaphthene
 Concen: 10.80 ng/ul
 RT: 14.47 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BM005266.D
 Acq: 06 May 2016 12:13

Tgt Ion:153 Resp: 179801
 Ion Ratio Lower Upper
 153 100
 152 47.5 38.9 58.3
 154 88.9 70.3 105.5





#53

Dibenzenofuran

Concen: 9.05 ng/ul

RT: 14.82 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BM005266.D

Acq: 06 May 2016 12:13

Instrument :

BNA_M

ClientSampleId :

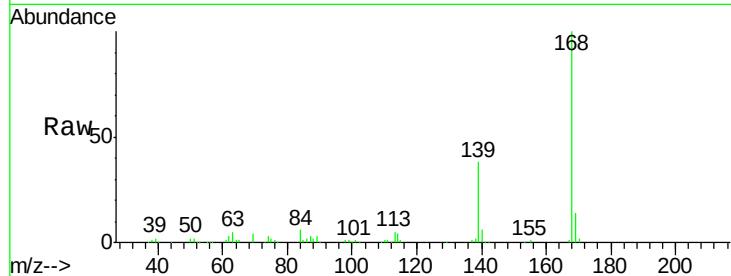
BC7P2DL

Tgt Ion:168 Resp: 218711

Ion Ratio Lower Upper

168 100

139 37.8 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.82

150000

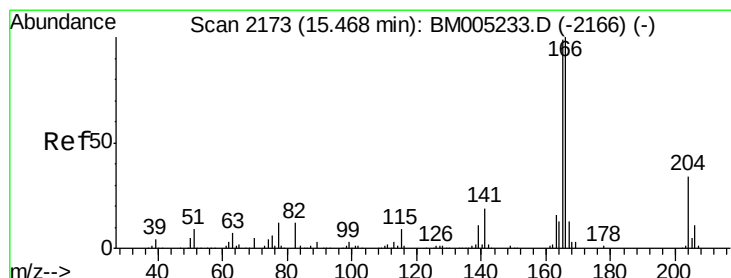
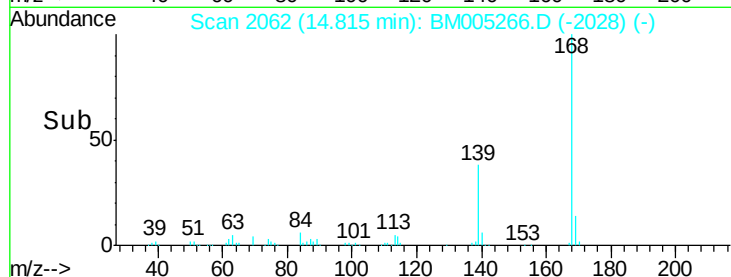
100000

50000

0

14.80 14.90

Time-->



#58

Fluorene

Concen: 7.36 ng/ul

RT: 15.46 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM005266.D

Acq: 06 May 2016 12:13

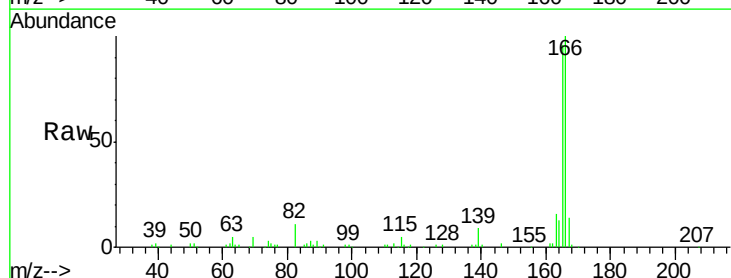
Tgt Ion:166 Resp: 138964

Ion Ratio Lower Upper

166 100

165 96.5 77.9 116.9

167 13.9 10.6 16.0



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

15.46

120000

100000

80000

60000

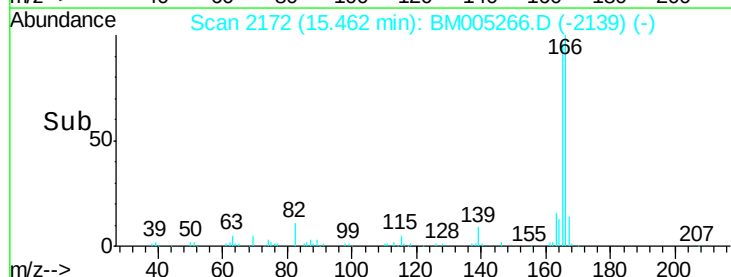
40000

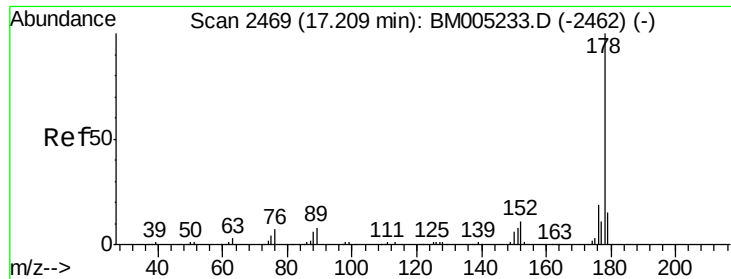
20000

0

15.40 15.50 15.55

Time-->





#69

Phenanthrene

Concen: 10.48 ng/ul

RT: 17.20 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BM005266.D

Acq: 06 May 2016 12:13

Instrument :

BNA_M

ClientSampleId :

BC7P2DL

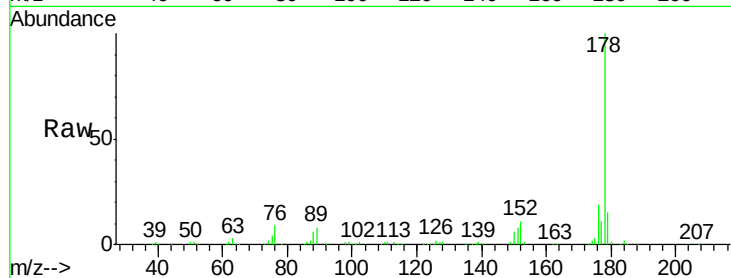
Tgt Ion:178 Resp: 347383

Ion Ratio Lower Upper

178 100

179 14.7 12.3 18.5

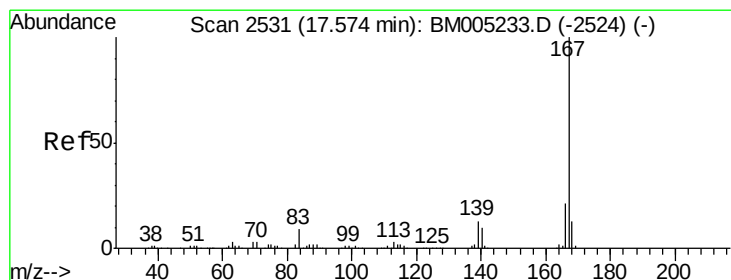
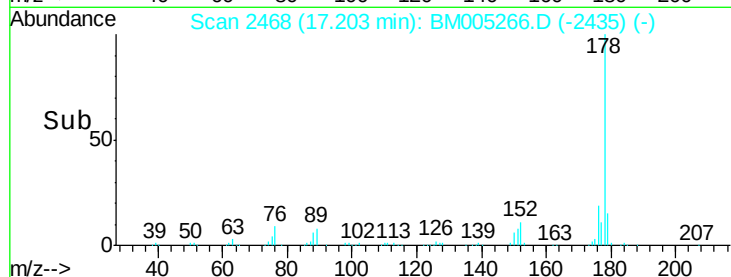
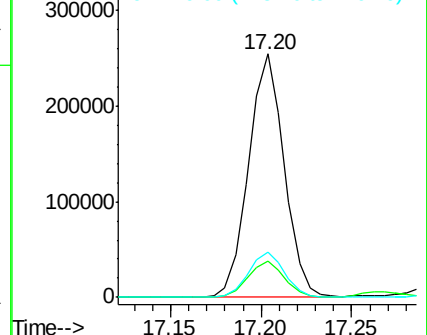
176 18.7 15.2 22.8



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



#72

Carbazole

Concen: 1.88 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BM005266.D

Acq: 06 May 2016 12:13

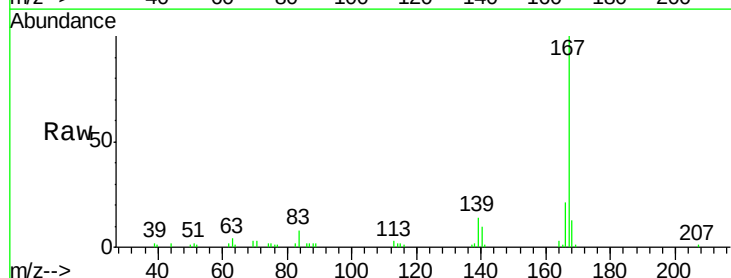
Tgt Ion:167 Resp: 54562

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

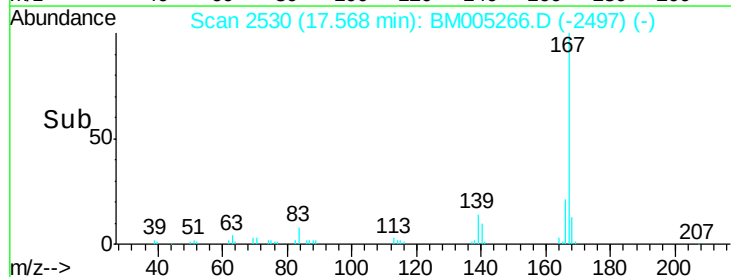
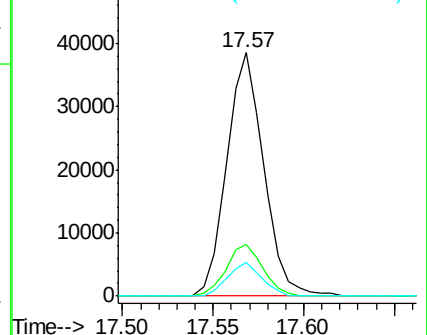
139 14.0 10.2 15.2

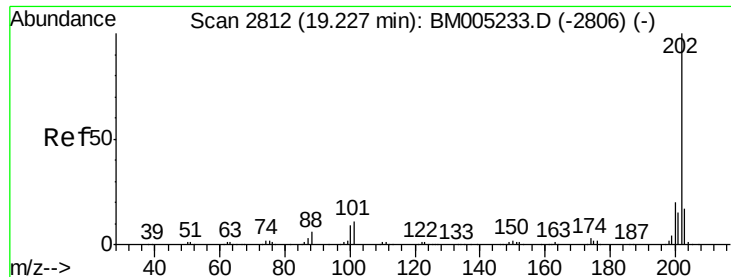


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

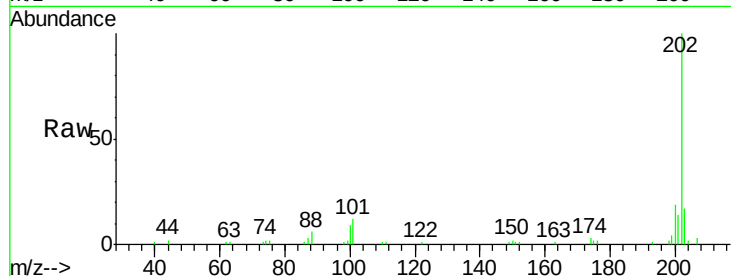




#74
 Fluoranthene
 Concen: 1.62 ng/ul
 RT: 19.22 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BM005266.D
 Acq: 06 May 2016 12:13

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Tgt Ion:	202	Resp:	59558
Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
100	8.7	7.1	10.7



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

