

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
 Data File : BM005267.D
 Acq On : 06 May 2016 12:49
 Operator : UM/SJ
 Sample : H2813-04DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 06 13:41:29 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	71483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	350550	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	240534	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	596147	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	716999	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	679457	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	2024	0.31	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	8492	2.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	7848	1.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	4838	0.90	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	4562	1.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	4735	1.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	9696	1.84	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	285	0.04	ng/ul	-0.03
43) Dimethylphthalate-d6	13.82	166	48939	2.54	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	54493	2.41	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.41	176	48622	2.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	3585	1.07	ng/ul	0.00
70) Anthracene-d10	17.26	188	77164	2.93	ng/ul	0.00
76) Pyrene-d10	19.56	212	94097	2.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	84497	2.81	ng/ul	0.00

Target Compounds

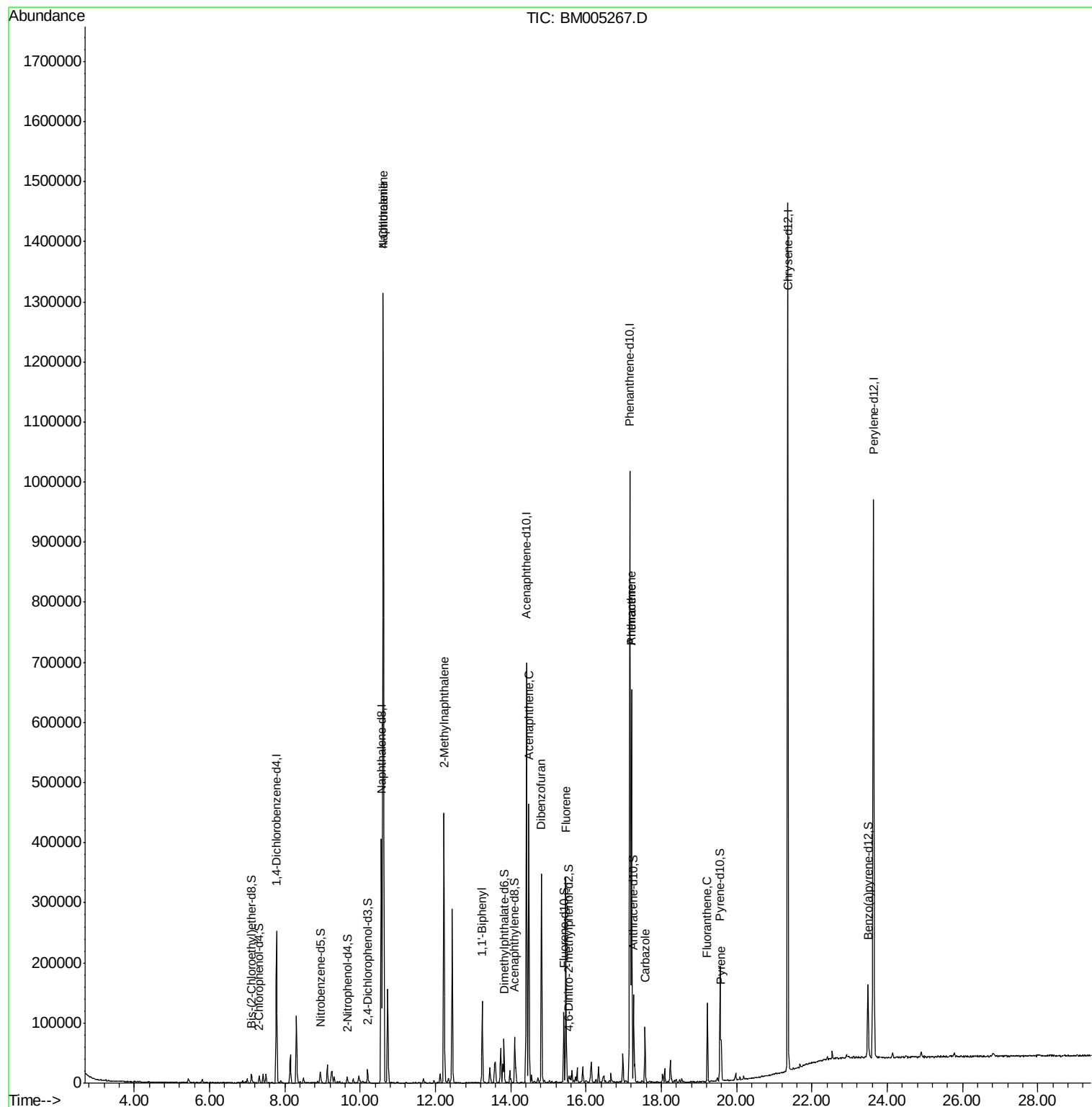
						Qvalue
28) Naphthalene	10.61	128	1115120	63.22	ng/ul	99
30) 4-Chloroaniline	10.61	127	146412	22.65	ng/ul#	11
34) 2-Methylnaphthalene	12.22	142	219346	16.63	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	74515	3.91	ng/ul	97
49) Acenaphthene	14.47	153	192486	12.21	ng/ul	99
53) Dibenzofuran	14.81	168	229508	10.03	ng/ul	99
58) Fluorene	15.46	166	149643	8.37	ng/ul	100
69) Phenanthrene	17.20	178	391877	12.50	ng/ul	99
71) Anthracene	17.20	178	391877	12.54	ng/ul	99
72) Carbazole	17.57	167	60100	2.19	ng/ul	99
74) Fluoranthene	19.22	202	80000	2.30	ng/ul	99
77) Pyrene	19.59	202	54095	1.30	ng/ul	98

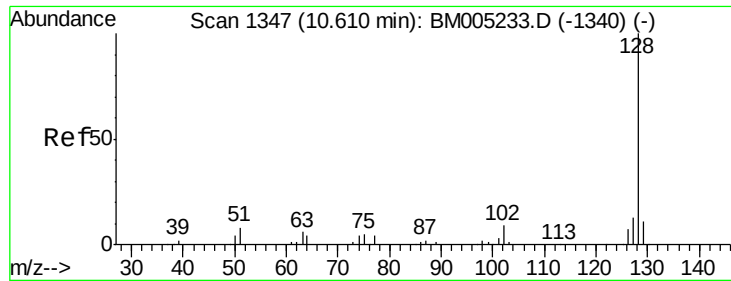
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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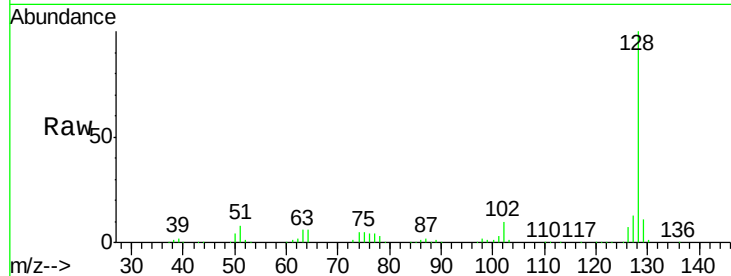




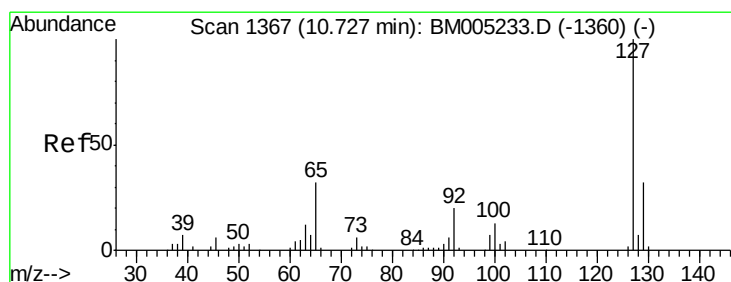
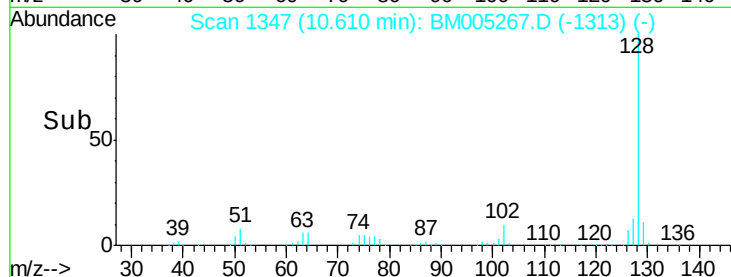
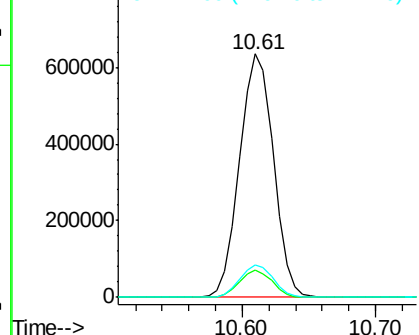
#28
Naphthalene
Concen: 63.22 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM005267.D
Acq: 06 May 2016 12:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 1115120
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.1 10.8 16.2

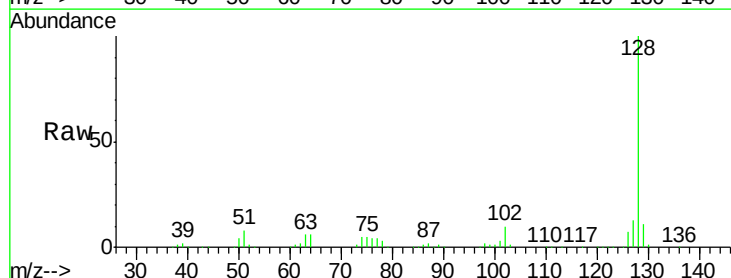


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

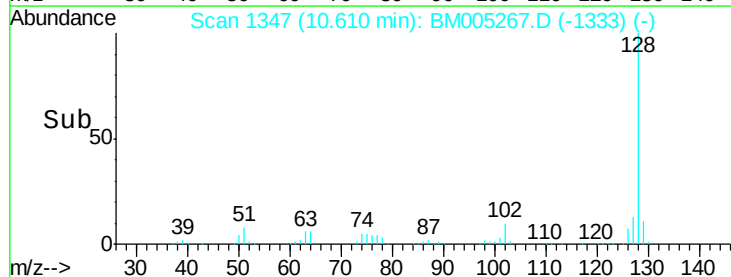
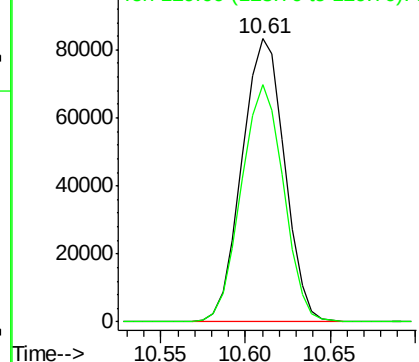


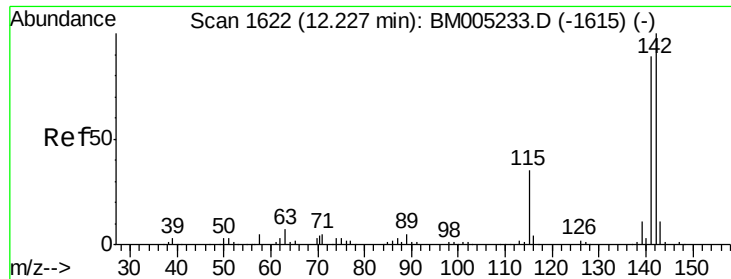
#30
4-Chloroaniline
Concen: 22.65 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. -0.12 min
Lab File: BM005267.D
Acq: 06 May 2016 12:49

Tgt Ion:127 Resp: 146412
Ion Ratio Lower Upper
127 100
129 83.7 26.5 39.7#



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

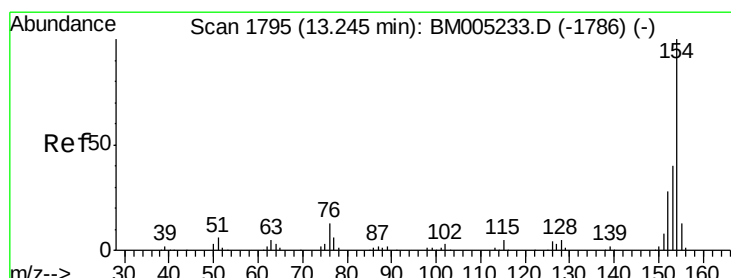
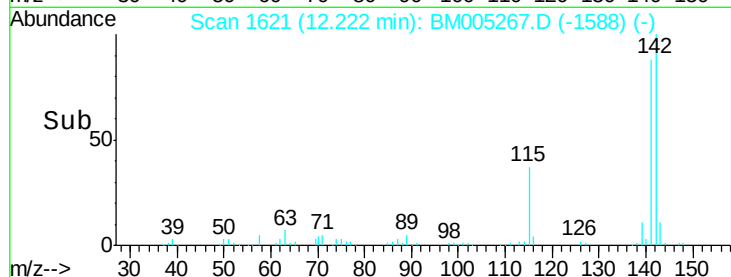
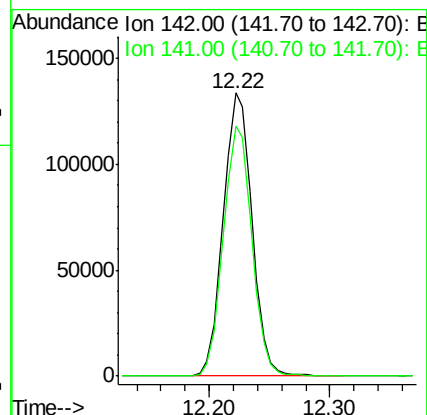
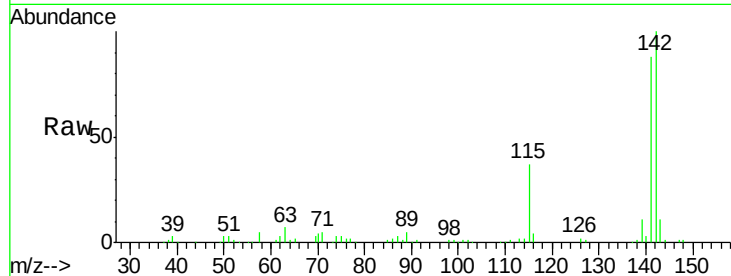




#34
 2-Methylnaphthalene
 Concen: 16.63 ng/ul
 RT: 12.22 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BM005267.D
 Acq: 06 May 2016 12:49

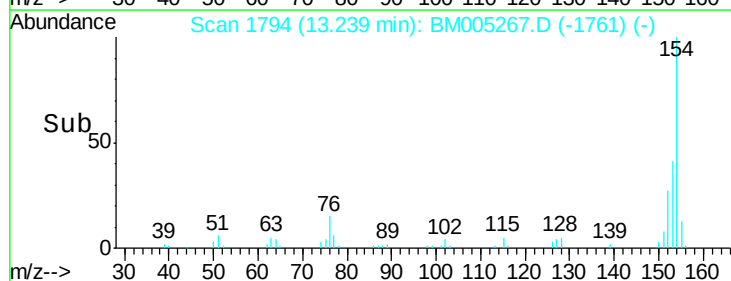
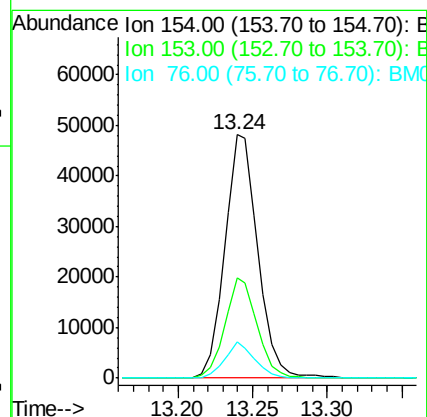
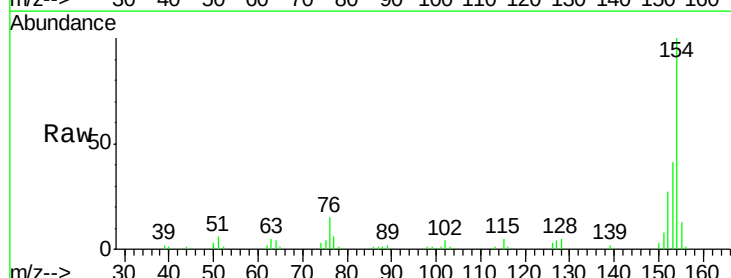
Instrument :
 BNA_M
 ClientSampled :

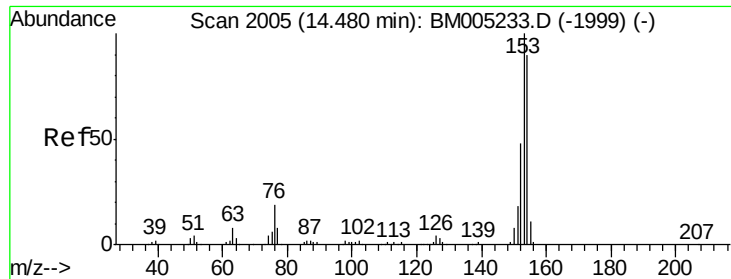
Tgt Ion:142 Resp: 219346
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.3 106.9



#40
 1,1'-Biphenyl
 Concen: 3.91 ng/ul
 RT: 13.24 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BM005267.D
 Acq: 06 May 2016 12:49

Tgt Ion:154 Resp: 74515
 Ion Ratio Lower Upper
 154 100
 153 41.4 32.1 48.1
 76 14.7 10.6 15.8





#49

Acenaphthene

Concen: 12.21 ng/ul

RT: 14.47 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM005267.D

Acq: 06 May 2016 12:49

Instrument :

BNA_M

ClientSampleId :

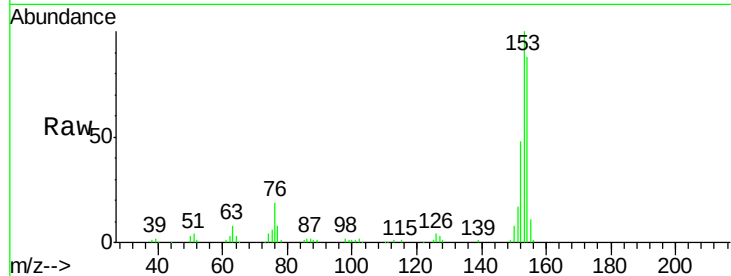
Tgt Ion:153 Resp: 192486

Ion Ratio Lower Upper

153 100

152 47.7 38.9 58.3

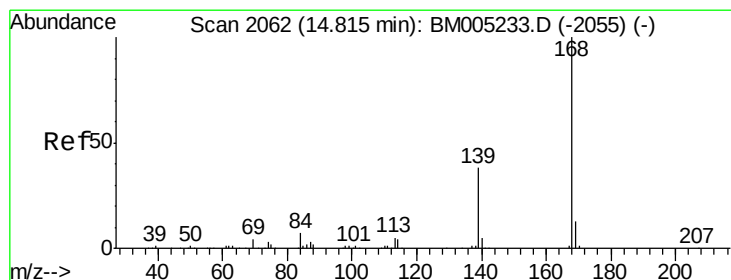
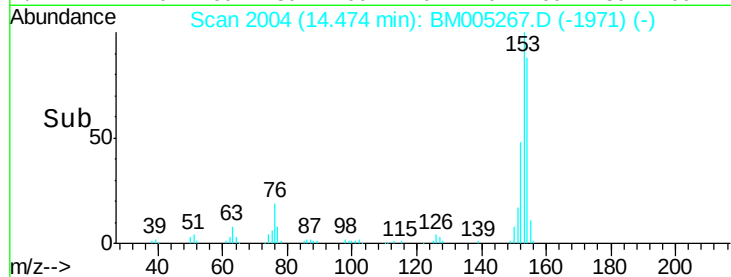
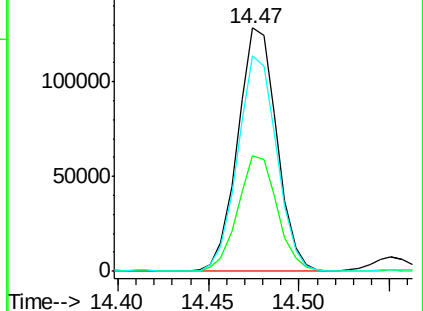
154 88.3 70.3 105.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 10.03 ng/ul

RT: 14.81 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BM005267.D

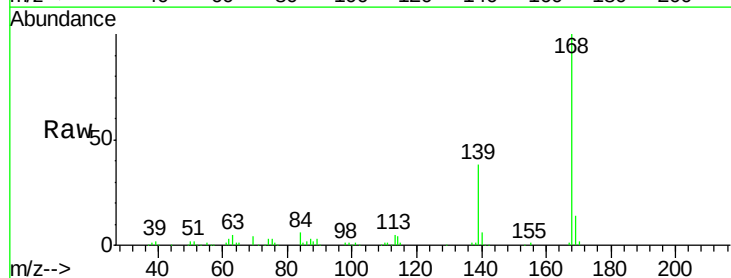
Acq: 06 May 2016 12:49

Tgt Ion:168 Resp: 229508

Ion Ratio Lower Upper

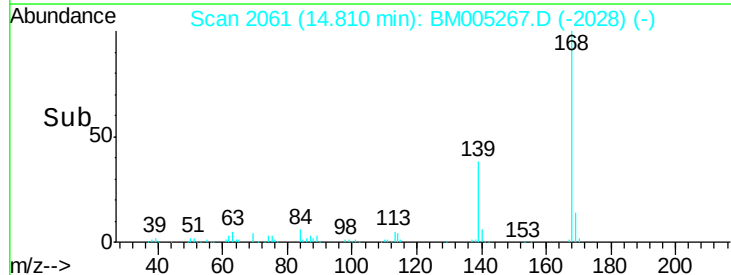
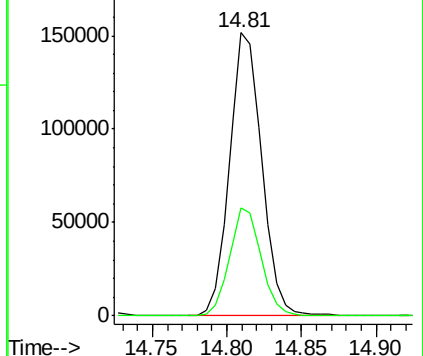
168 100

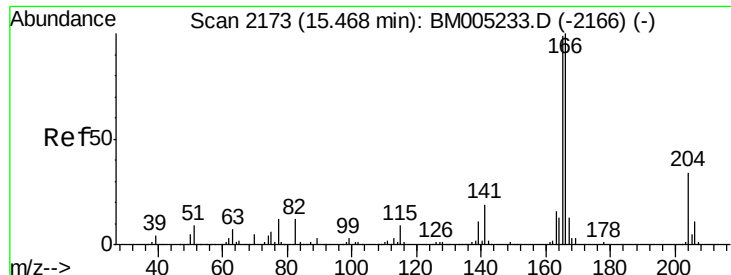
139 38.2 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

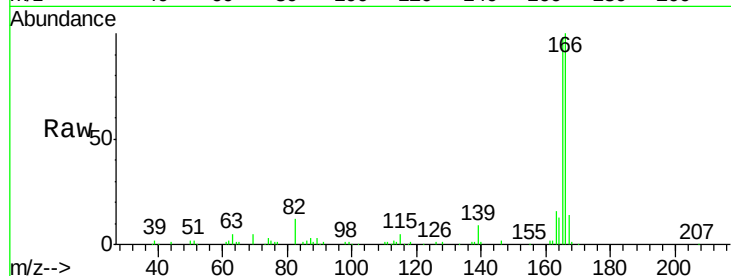




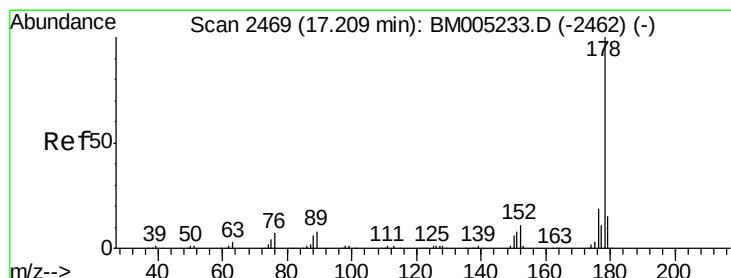
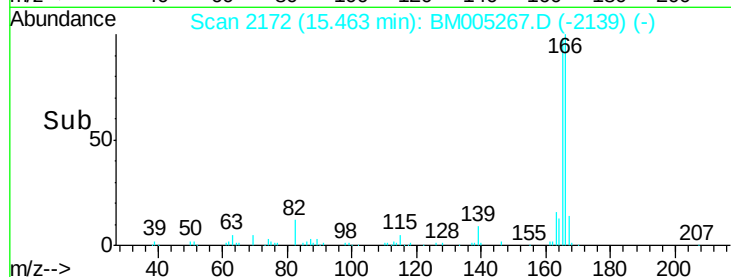
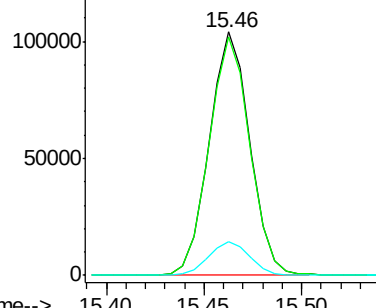
#58
 Fluorene
 Concen: 8.37 ng/ul
 RT: 15.46 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM005267.D
 Acq: 06 May 2016 12:49

Instrument :
 BNA_M
 ClientSampled :

Tgt Ion:166 Resp: 149643
 Ion Ratio Lower Upper
 166 100
 165 97.7 77.9 116.9
 167 13.6 10.6 16.0

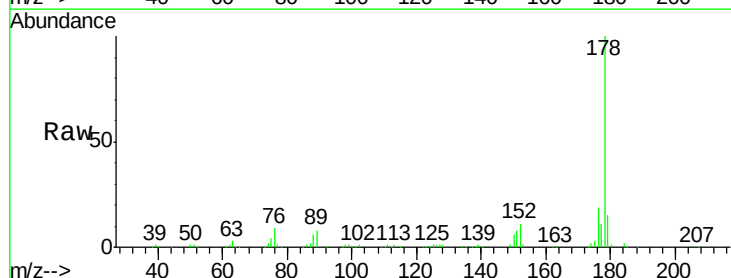


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

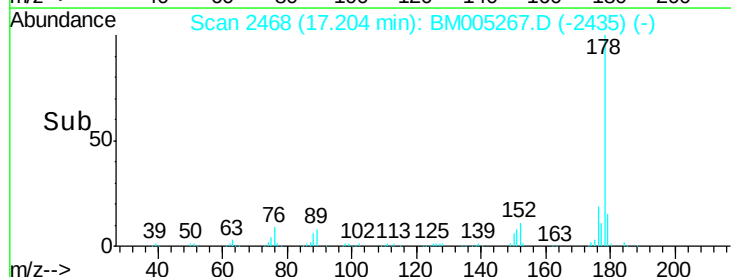
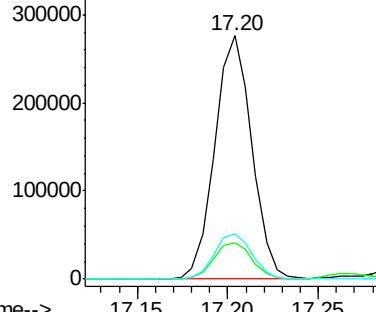


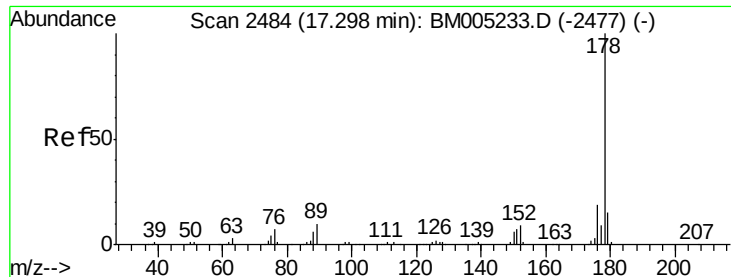
#69
 Phenanthrene
 Concen: 12.50 ng/ul
 RT: 17.20 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BM005267.D
 Acq: 06 May 2016 12:49

Tgt Ion:178 Resp: 391877
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.3 18.5
 176 18.8 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

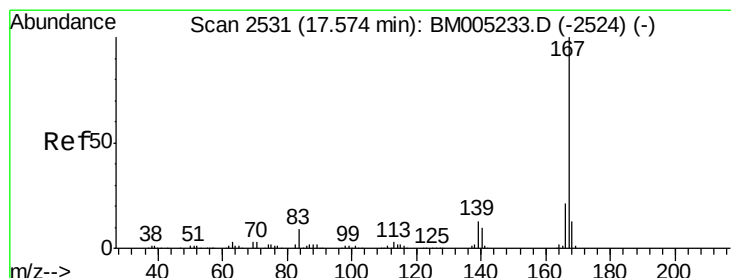
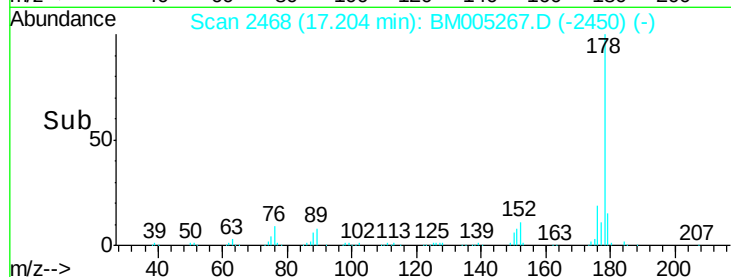
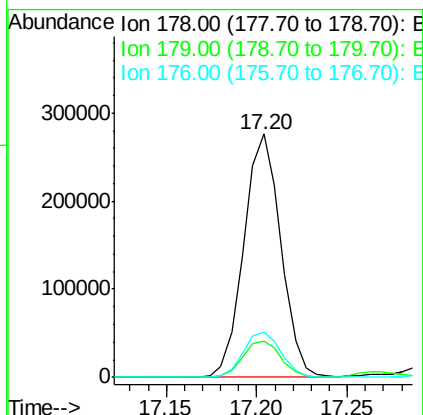
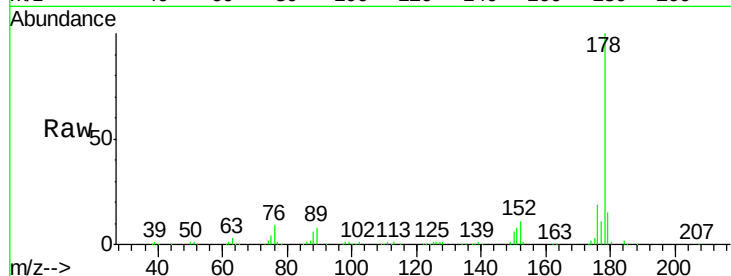




#71
 Anthracene
 Concen: 12.54 ng/ul
 RT: 17.20 min Scan# 2468
 Delta R.T. -0.09 min
 Lab File: BM005267.D
 Acq: 06 May 2016 12:49

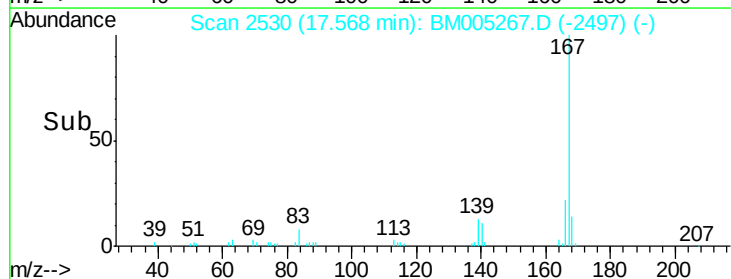
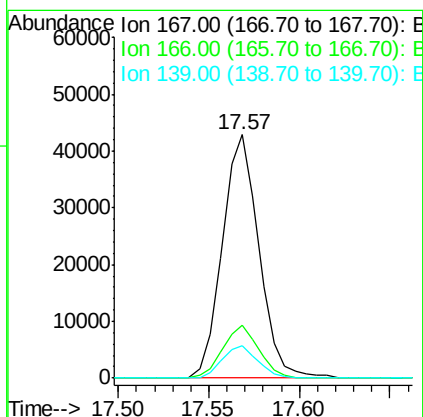
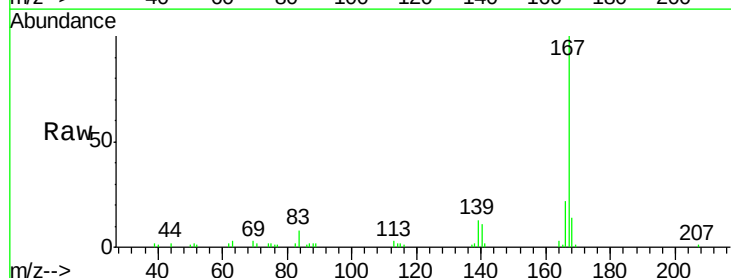
Instrument :
 BNA_M
 ClientSampleId :

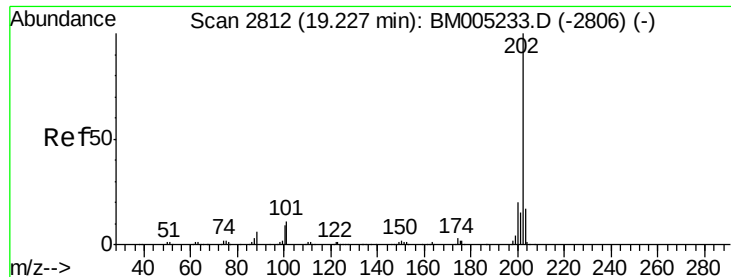
Tgt Ion:178 Resp: 391877
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.4 18.6
 176 18.8 15.1 22.7



#72
 Carbazole
 Concen: 2.19 ng/ul
 RT: 17.57 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BM005267.D
 Acq: 06 May 2016 12:49

Tgt Ion:167 Resp: 60100
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.1 25.7
 139 13.1 10.2 15.2





#74

Fluoranthene

Concen: 2.30 ng/ul

RT: 19.22 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM005267.D

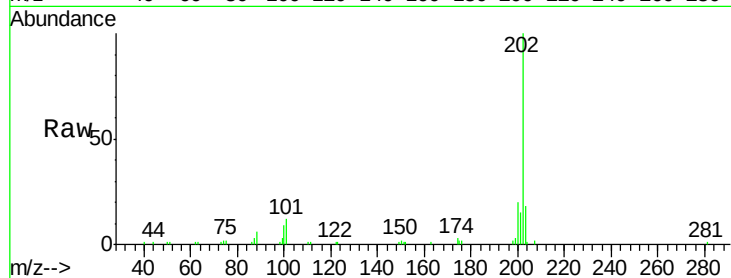
Acq: 06 May 2016 12:49

Instrument :

BNA_M

ClientSampleId :

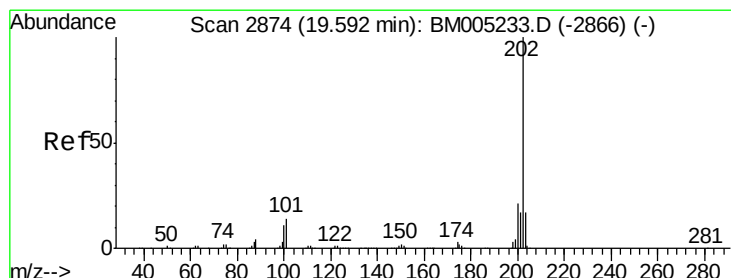
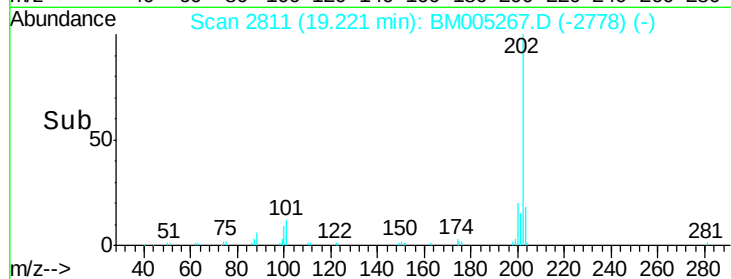
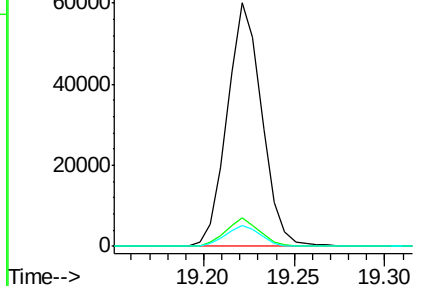
Tgt Ion:	202	Resp:	80000
Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
100	8.7	7.1	10.7



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



#77

Pyrene

Concen: 1.30 ng/ul

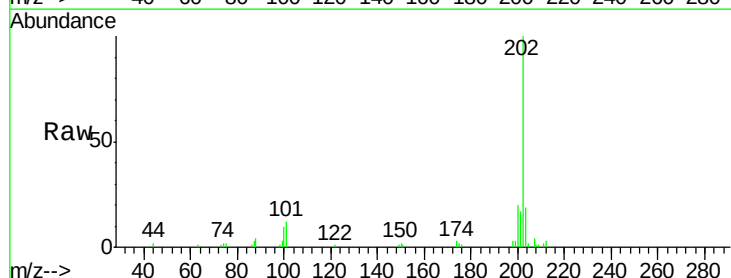
RT: 19.59 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BM005267.D

Acq: 06 May 2016 12:49

Tgt Ion:	202	Resp:	54095
Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.8	16.2
100	9.9	8.4	12.6



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

