

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
 Data File : BM005270.D
 Acq On : 06 May 2016 15:17
 Operator : UM/SJ
 Sample : H2813-09DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 06 17:21:56 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	74013	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	371136	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	255917	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	638278	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	771537	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	739009	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	1988	0.30	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	8557	2.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	8022	1.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	4656	0.84	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	4540	1.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	4775	1.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	9720	1.74	ng/ul	0.01
29) 4-Chloroaniline-d4	10.71	131	433	0.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	46403	2.26	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	54224	2.25	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.40	176	47474	2.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	3167	0.88	ng/ul	0.00
70) Anthracene-d10	17.26	188	76316	2.70	ng/ul	0.00
76) Pyrene-d10	19.56	212	90668	2.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	82060	2.51	ng/ul	0.00

Target Compounds

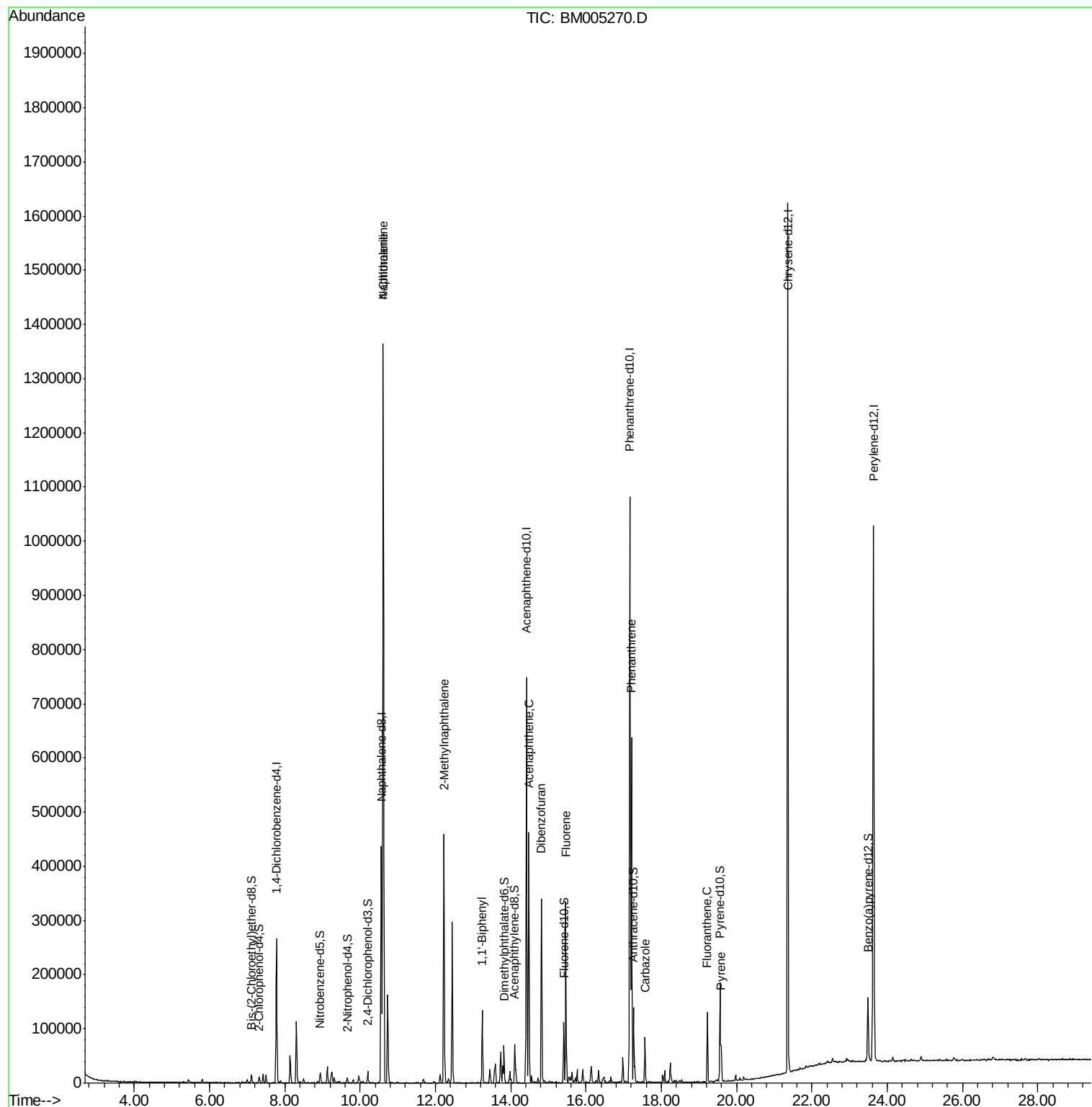
						Qvalue
28) Naphthalene	10.61	128	1145941	61.37	ng/ul	99
30) 4-Chloroaniline	10.61	127	151032	22.07	ng/ul#	11
34) 2-Methylnaphthalene	12.22	142	223675	16.02	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	75412	3.72	ng/ul	99
49) Acenaphthene	14.47	153	190011	11.33	ng/ul	98
53) Dibenzofuran	14.81	168	226493	9.31	ng/ul	98
58) Fluorene	15.46	166	149046	7.83	ng/ul	97
69) Phenanthrene	17.20	178	379154	11.30	ng/ul	99
72) Carbazole	17.57	167	57357	1.95	ng/ul	99
74) Fluoranthene	19.22	202	79926	2.15	ng/ul	98
77) Pyrene	19.59	202	53643	1.20	ng/ul	99

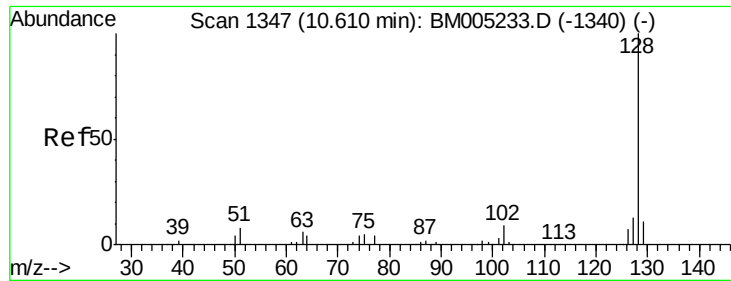
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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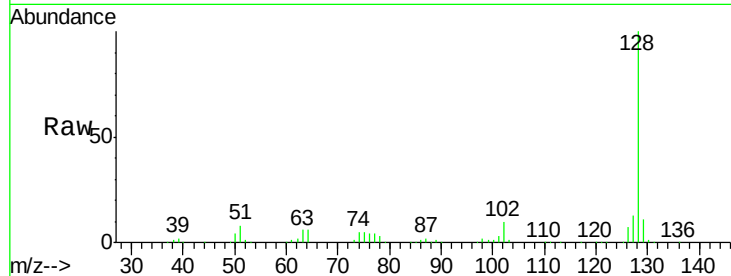




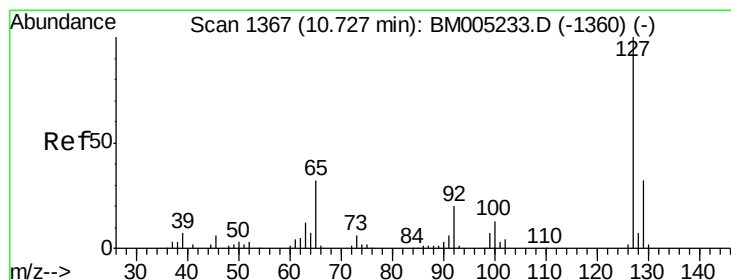
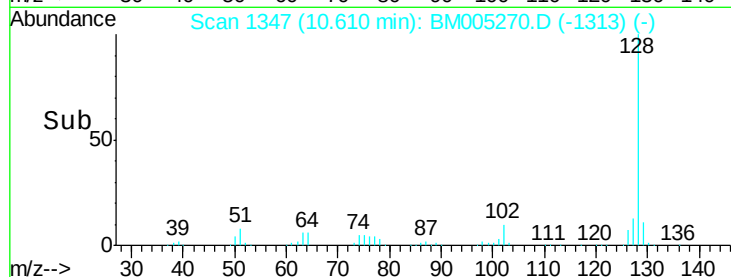
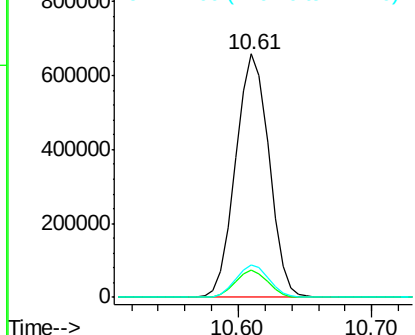
#28
Naphthalene
Concen: 61.37 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BM005270.D
Acq: 06 May 2016 15:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 1145941
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.2 10.8 16.2

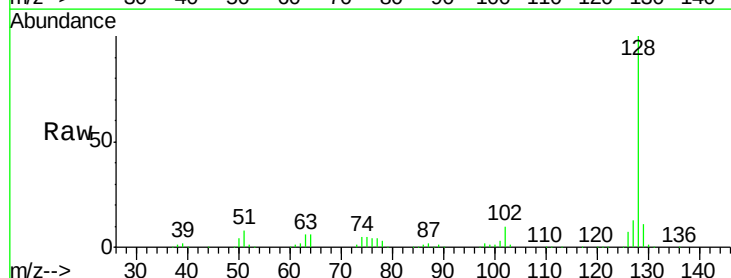


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

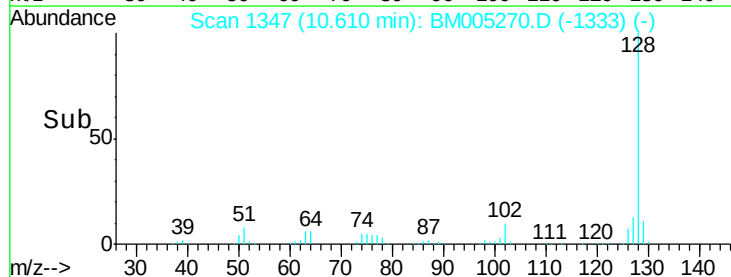
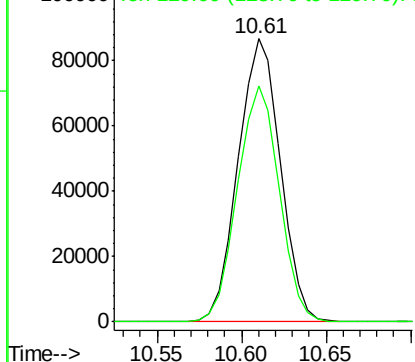


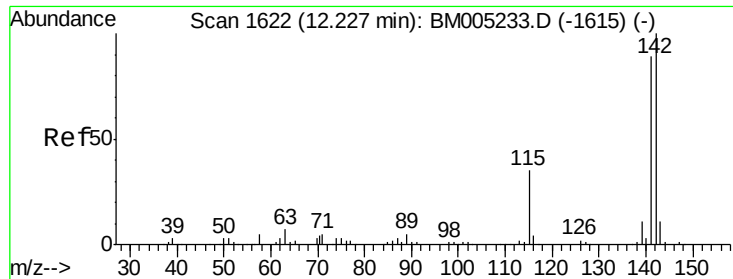
#30
4-Chloroaniline
Concen: 22.07 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. -0.12 min
Lab File: BM005270.D
Acq: 06 May 2016 15:17

Tgt Ion:127 Resp: 151032
Ion Ratio Lower Upper
127 100
129 83.5 26.5 39.7#



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

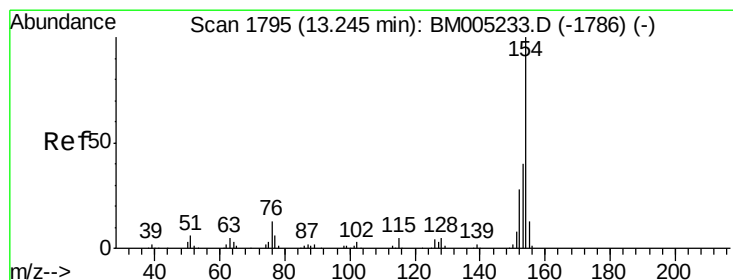
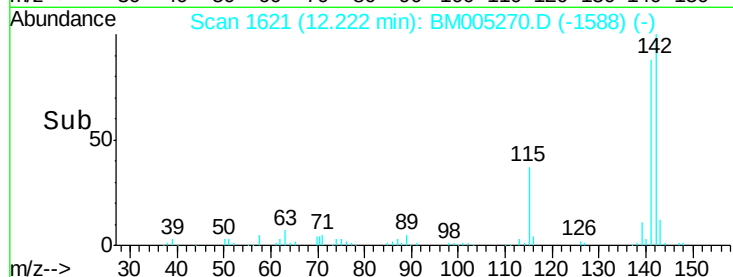
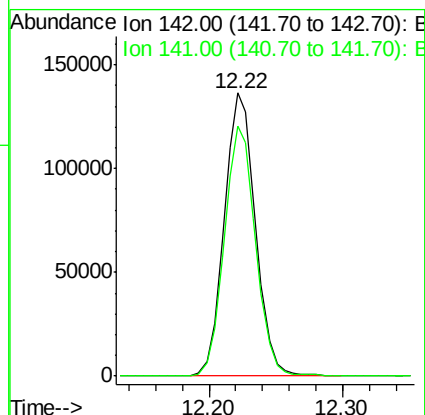
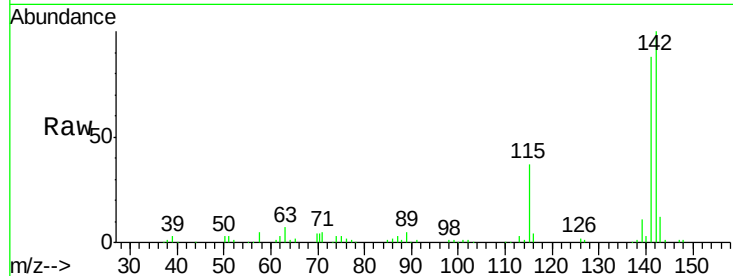




#34
 2-Methylnaphthalene
 Concen: 16.02 ng/ul
 RT: 12.22 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BM005270.D
 Acq: 06 May 2016 15:17

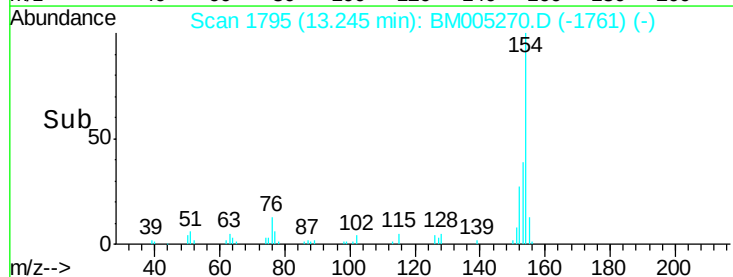
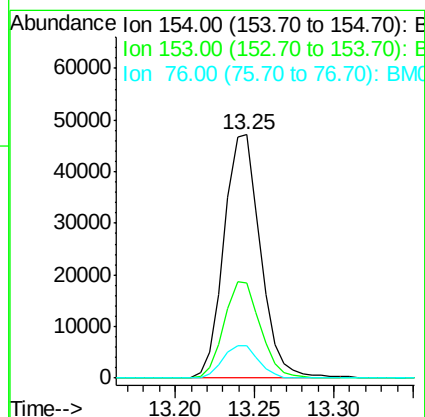
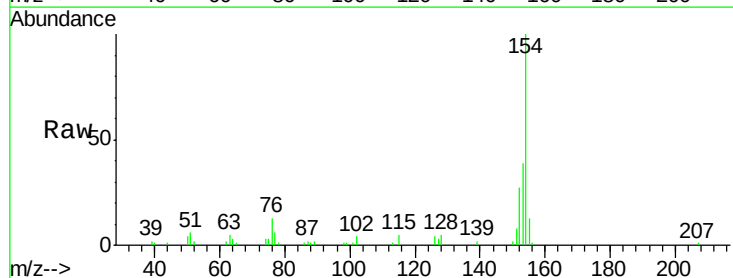
Instrument :
 BNA_M
 ClientSampleId :

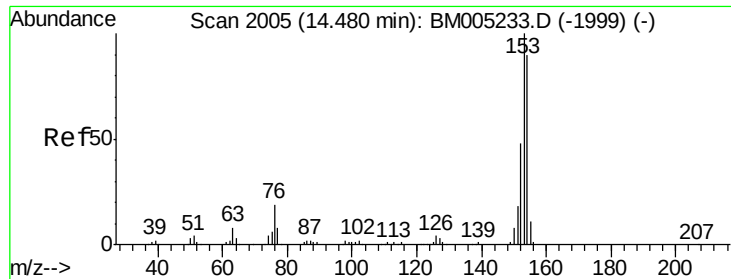
Tgt Ion:142 Resp: 223675
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.3 106.9



#40
 1,1'-Biphenyl
 Concen: 3.72 ng/ul
 RT: 13.25 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BM005270.D
 Acq: 06 May 2016 15:17

Tgt Ion:154 Resp: 75412
 Ion Ratio Lower Upper
 154 100
 153 39.3 32.1 48.1
 76 13.2 10.6 15.8





#49

Acenaphthene

Concen: 11.33 ng/ul

RT: 14.47 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM005270.D

Acq: 06 May 2016 15:17

Instrument :

BNA_M

ClientSampleId :

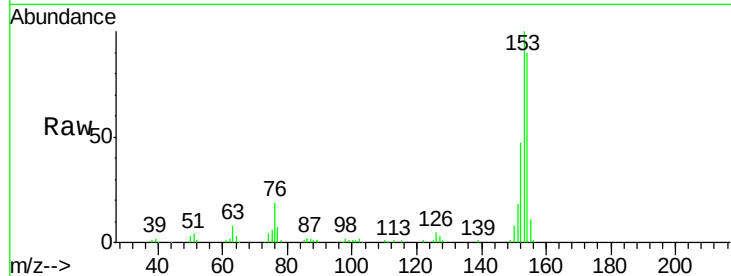
Tgt Ion:153 Resp: 190011

Ion Ratio Lower Upper

153 100

152 46.8 38.9 58.3

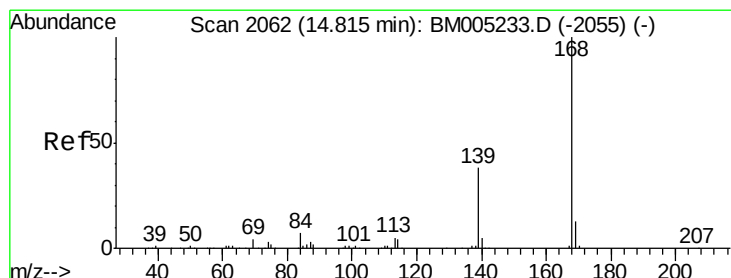
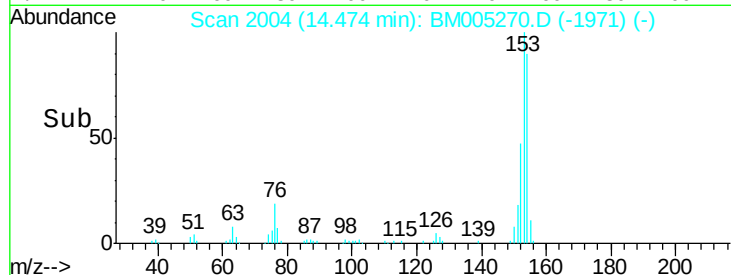
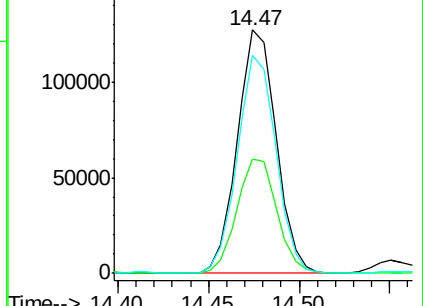
154 89.7 70.3 105.5



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: 9.31 ng/ul

RT: 14.81 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BM005270.D

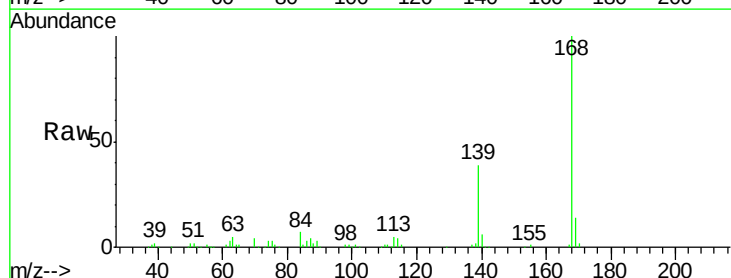
Acq: 06 May 2016 15:17

Tgt Ion:168 Resp: 226493

Ion Ratio Lower Upper

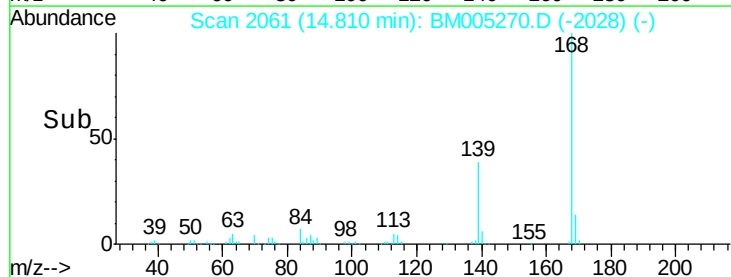
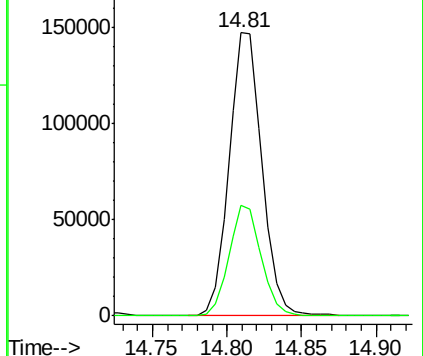
168 100

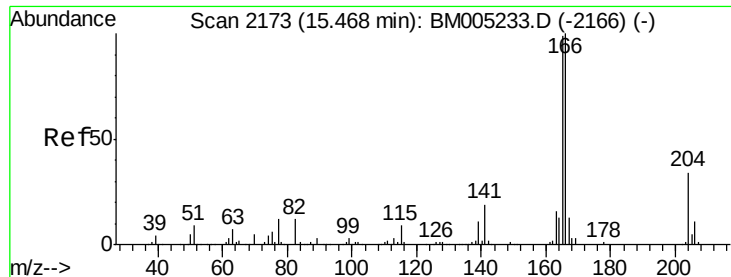
139 38.9 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

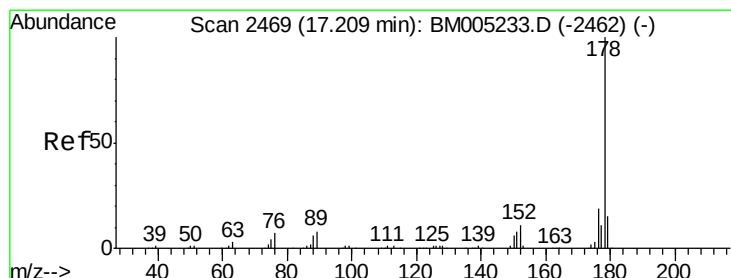
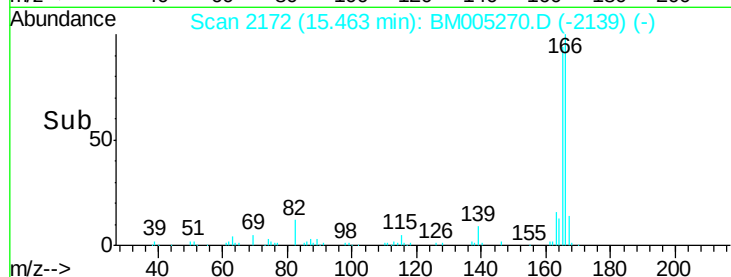
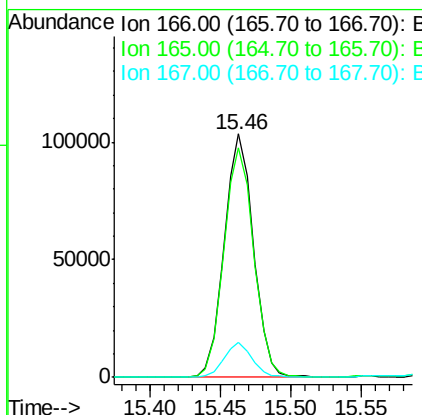
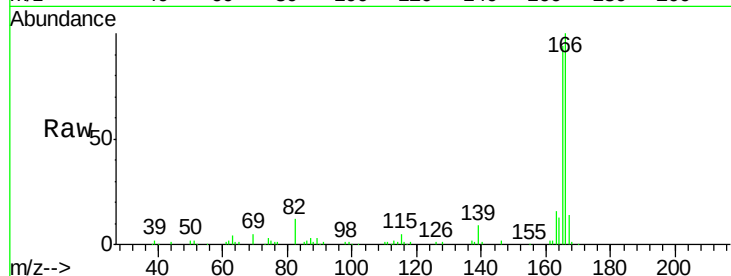




#58
 Fluorene
 Concen: 7.83 ng/ul
 RT: 15.46 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BM005270.D
 Acq: 06 May 2016 15:17

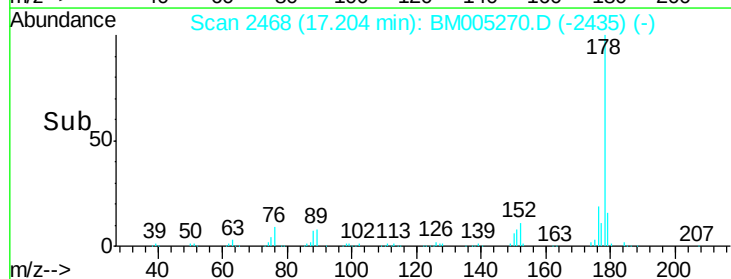
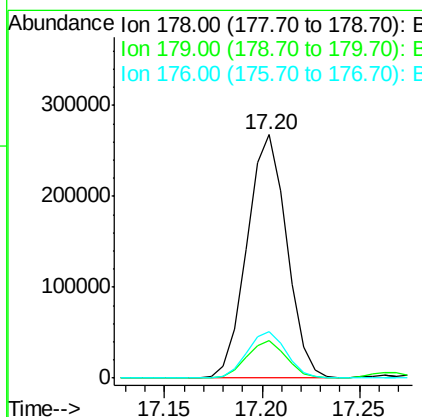
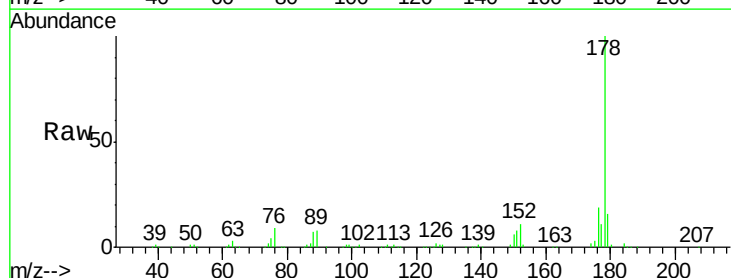
Instrument :
 BNA_M
 ClientSampled :

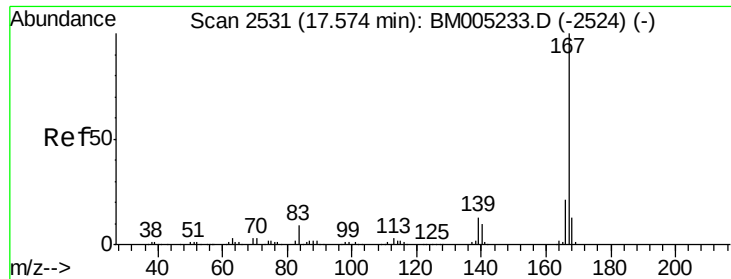
Tgt Ion:166 Resp: 149046
 Ion Ratio Lower Upper
 166 100
 165 94.2 77.9 116.9
 167 14.2 10.6 16.0



#69
 Phenanthrene
 Concen: 11.30 ng/ul
 RT: 17.20 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BM005270.D
 Acq: 06 May 2016 15:17

Tgt Ion:178 Resp: 379154
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 19.3 15.2 22.8





#72

Carbazole

Concen: 1.95 ng/ul

RT: 17.57 min Scan# 2530

Delta R.T. -0.01 min

Lab File: BM005270.D

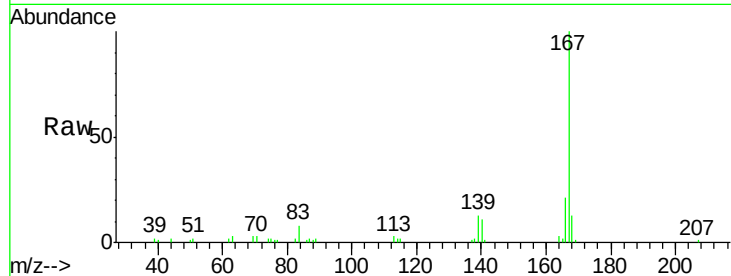
Acq: 06 May 2016 15:17

Instrument :

BNA_M

ClientSampleId :

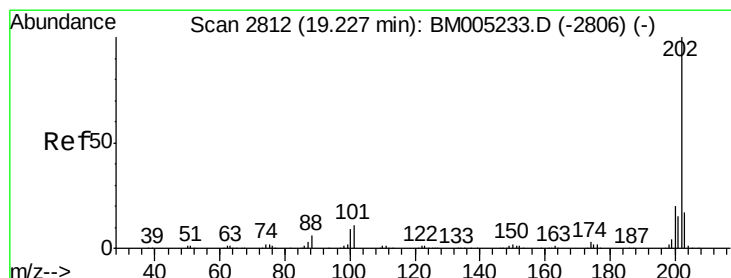
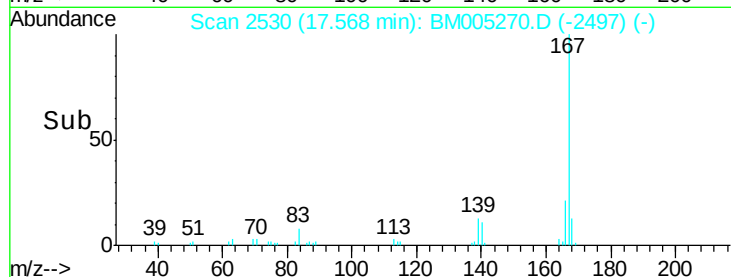
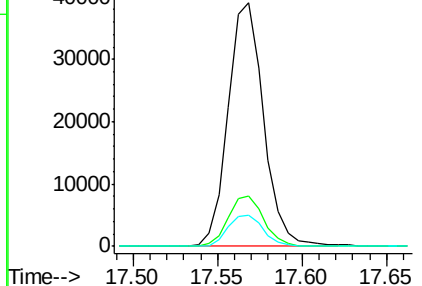
Tgt Ion:	167	Resp:	57357
Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	13.0	10.2	15.2



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: 2.15 ng/ul

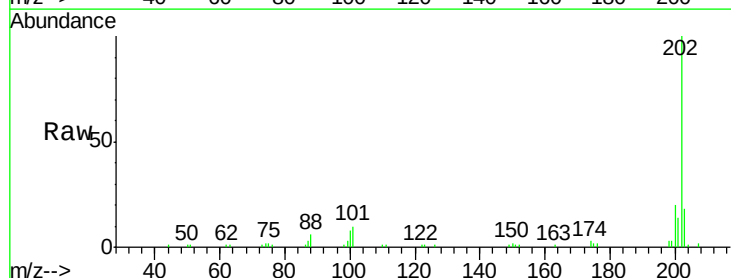
RT: 19.22 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM005270.D

Acq: 06 May 2016 15:17

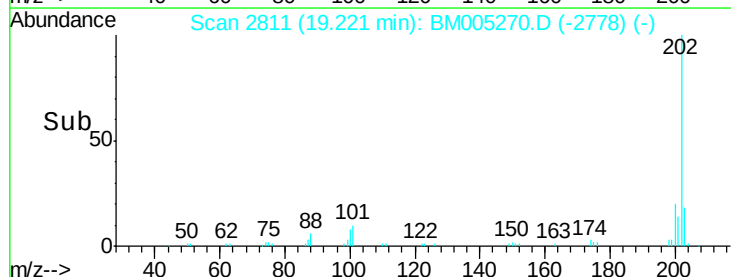
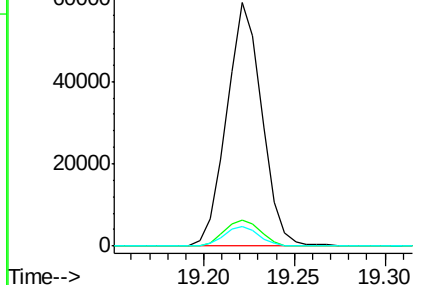
Tgt Ion:	202	Resp:	79926
Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.2	13.8
100	8.3	7.1	10.7

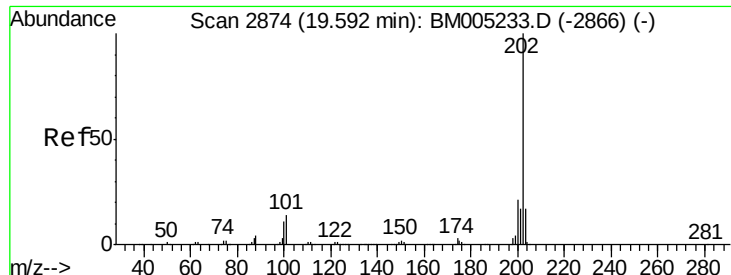


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pyrene

Concen: 1.20 ng/ul

RT: 19.59 min Scan# 2873

Delta R.T. -0.01 min

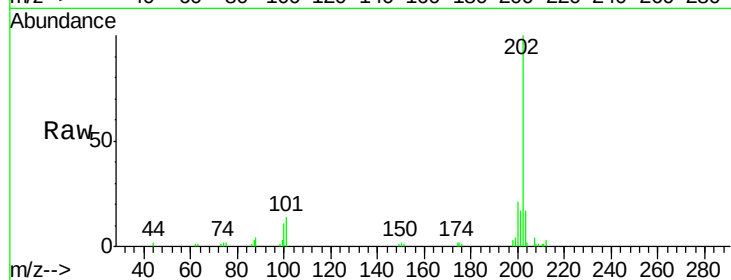
Lab File: BM005270.D

Acq: 06 May 2016 15:17

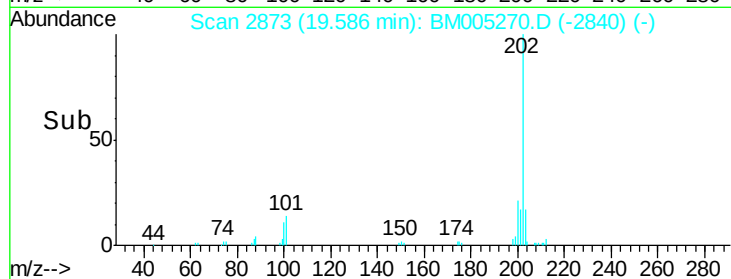
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	202	Resp:	53643
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.8	16.2
100	11.4	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

