

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
 Data File : BM005077.D
 Acq On : 26 Apr 2016 12:21
 Operator : UM/SJ
 Sample : H2584-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7P9

Quant Time: Apr 26 12:53:30 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 26 00:45:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	67852	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	329334	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	204682	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	472236	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	484304	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	371037	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	2496	1.87	ng/uL	0.00
5) Phenol-d5	6.97	99	53575	9.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	117852	36.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	139646	31.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	102768	21.60	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	81776	35.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	94401	37.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	174080	36.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	1267	0.22	ng/ul	0.02
43) Dimethylphthalate-d6	13.85	166	605215	37.44	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	721101	37.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	17614	6.23	ng/ul	0.00
57) Fluorene-d10	15.43	176	524149	36.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	94155	35.05	ng/ul	0.00
70) Anthracene-d10	17.29	188	791684	37.39	ng/ul	0.00
76) Pyrene-d10	19.58	212	885324	40.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	643999	38.74	ng/ul	0.00

Target Compounds

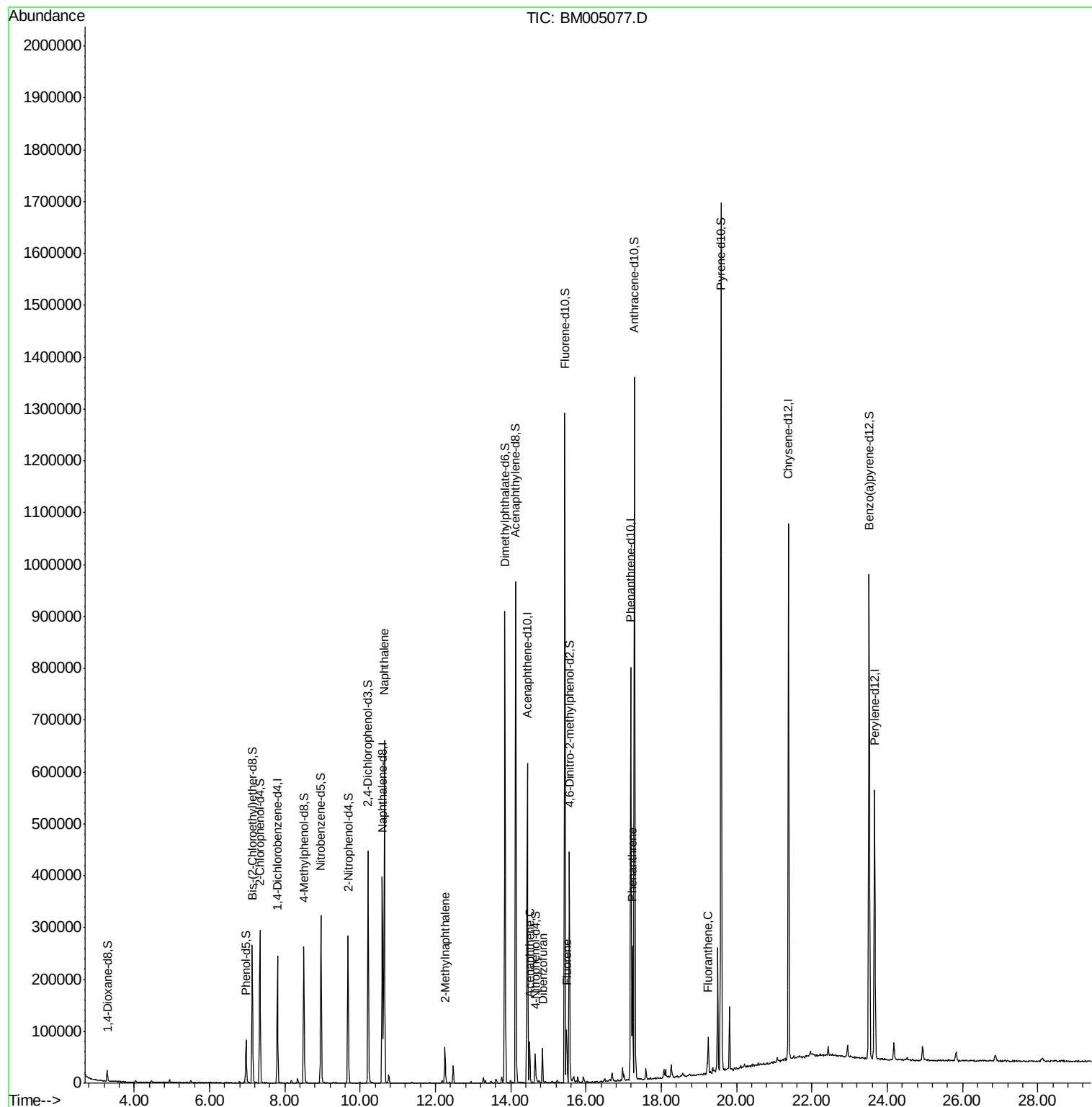
						Ovalue
28) Naphthalene	10.64	128	550947	33.17	ng/ul	100
34) 2-Methylnaphthalene	12.25	142	34608	2.81	ng/ul	96
49) Acenaphthene	14.50	153	33795	2.52	ng/ul	98
53) Dibenzofuran	14.84	168	41379	2.09	ng/ul	98
58) Fluorene	15.49	166	44815	2.92	ng/ul	99
69) Phenanthrene	17.23	178	150617	5.99	ng/ul	99
74) Fluoranthene	19.24	202	37761	1.37	ng/ul	97

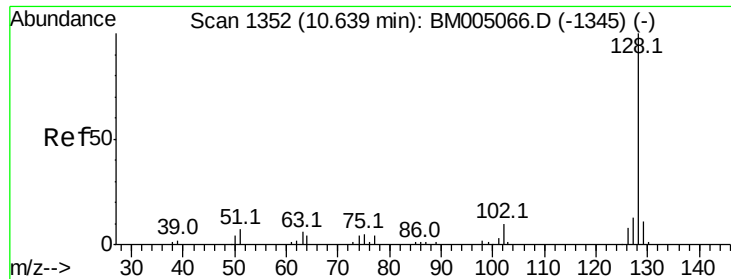
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005077.D
Acq On : 26 Apr 2016 12:21
Operator : UM/SJ
Sample : H2584-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7P9

Quant Time: Apr 26 12:53:30 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 26 00:45:11 2016
Response via : Initial Calibration

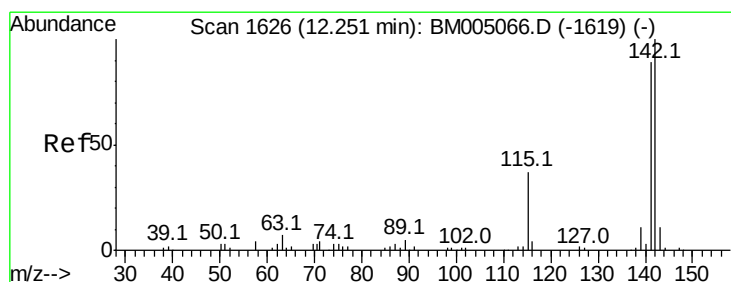
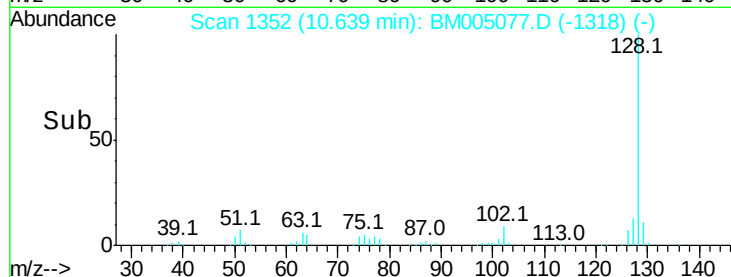
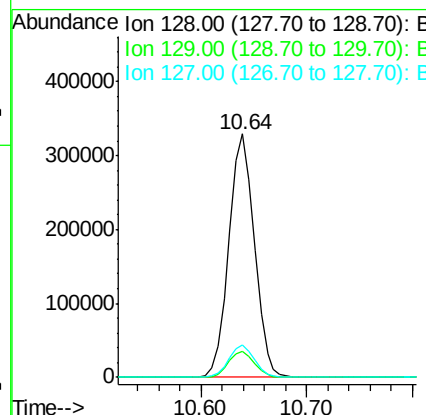
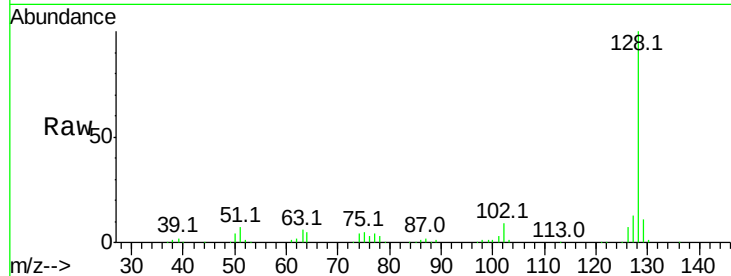




#28
Naphthalene
Concen: 33.17 ng/ul
RT: 10.64 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM005077.D
Acq: 26 Apr 2016 12:21

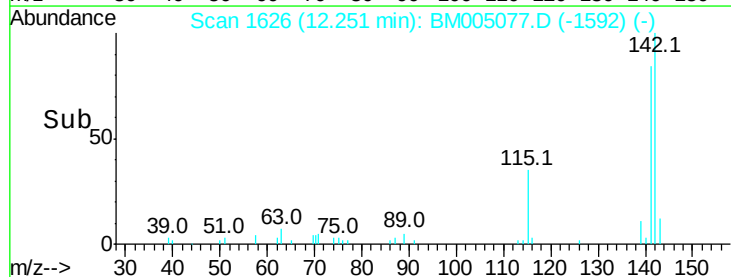
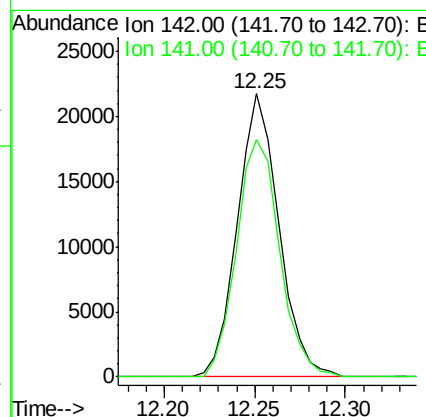
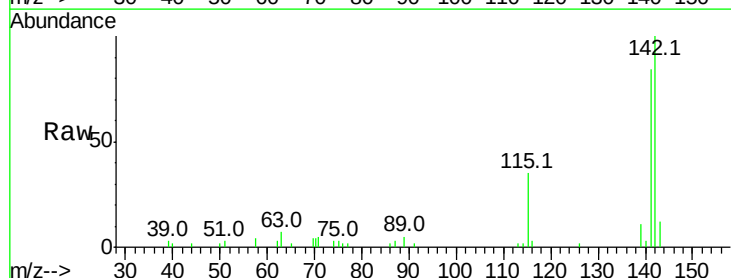
Instrument :
BNA_M
ClientSampleId :
BC7P9

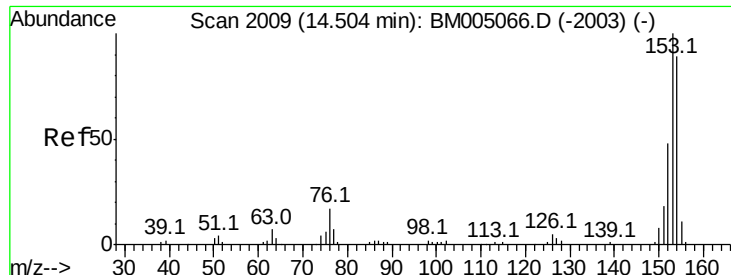
Tot Ion:128 Resp: 550947
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.6 15.8



#34
2-Methylnaphthalene
Concen: 2.81 ng/ul
RT: 12.25 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BM005077.D
Acq: 26 Apr 2016 12:21

Tgt Ion:142 Resp: 34608
Ion Ratio Lower Upper
142 100
141 83.9 70.3 105.5





#49

Acenaphthene

Concen: 2.52 ng/ul

RT: 14.50 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM005077.D

Acq: 26 Apr 2016 12:21

Instrument :

BNA_M

ClientSampleId :

BC7P9

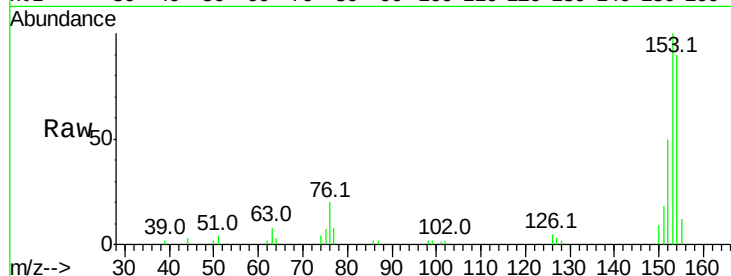
Tot Ion:153 Resp: 33795

Ion Ratio Lower Upper

153 100

152 50.3 37.7 56.5

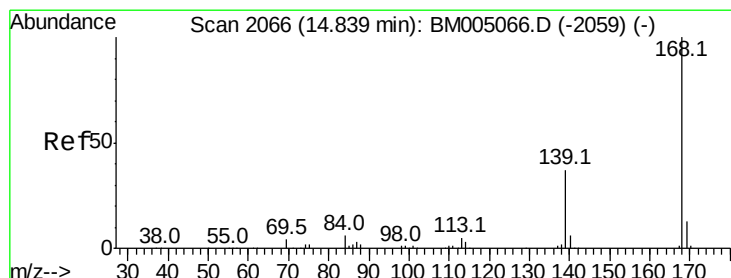
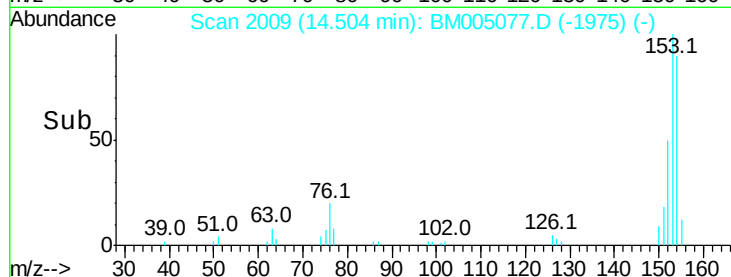
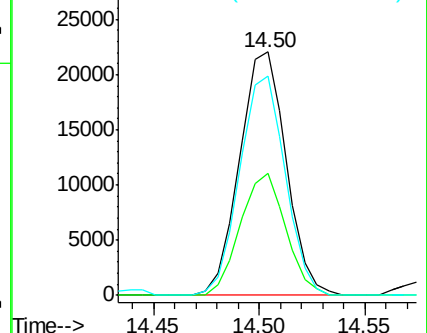
154 90.2 71.4 107.2



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: 2.09 ng/ul

RT: 14.84 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BM005077.D

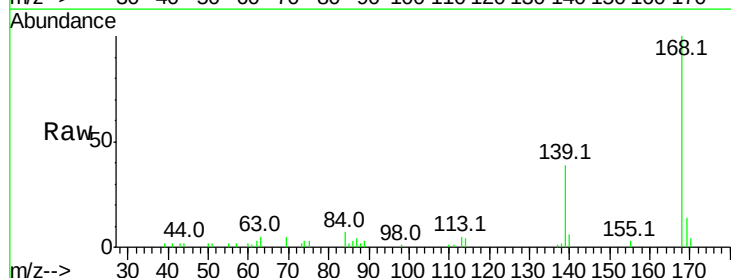
Acq: 26 Apr 2016 12:21

Tgt Ion:168 Resp: 41379

Ion Ratio Lower Upper

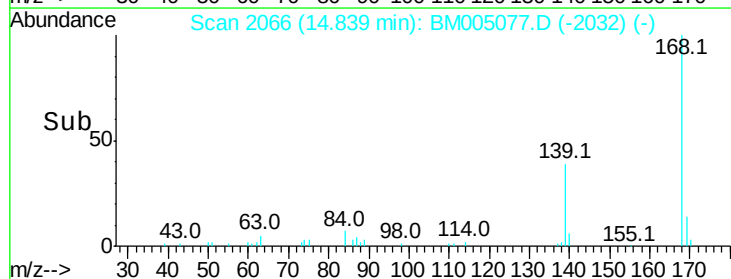
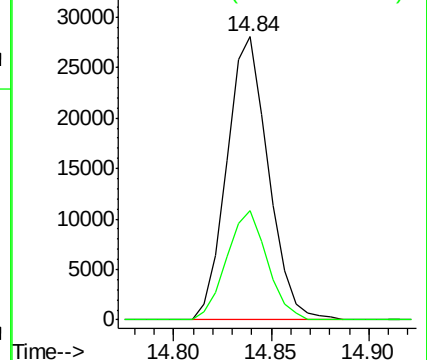
168 100

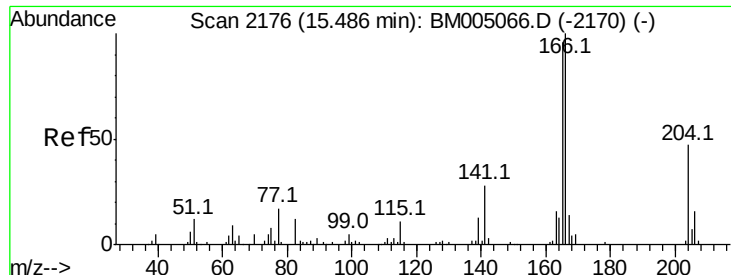
139 38.7 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.92 ng/ul

RT: 15.49 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BM005077.D

Acq: 26 Apr 2016 12:21

Instrument :

BNA_M

ClientSampleId :

BC7P9

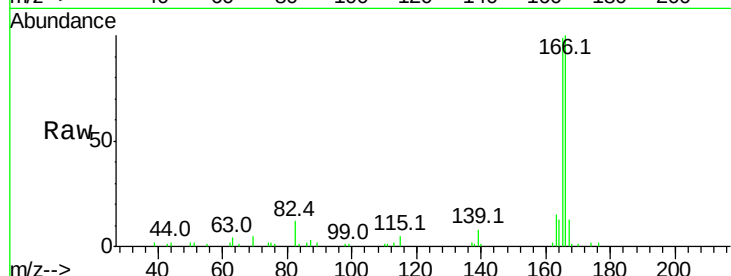
Tot Ion:166 Resp: 44815

Ion Ratio Lower Upper

166 100

165 98.7 77.7 116.5

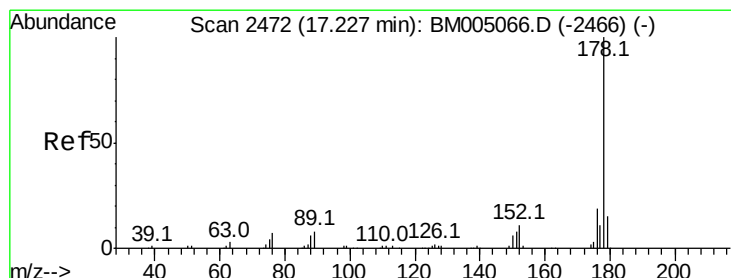
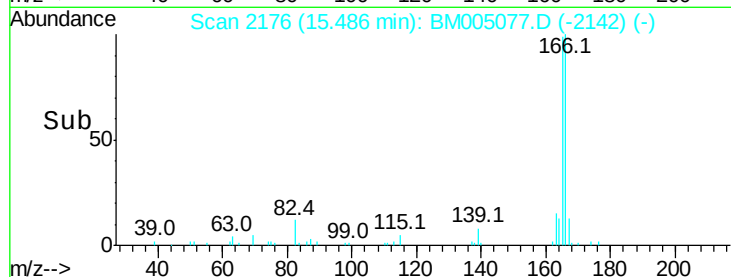
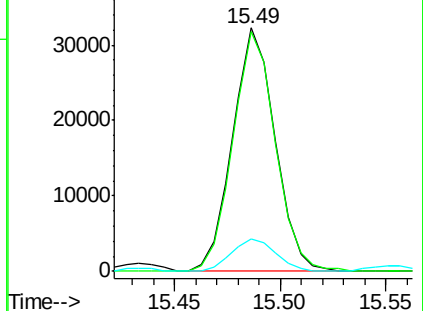
167 13.5 10.9 16.3



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: 5.99 ng/ul

RT: 17.23 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BM005077.D

Acq: 26 Apr 2016 12:21

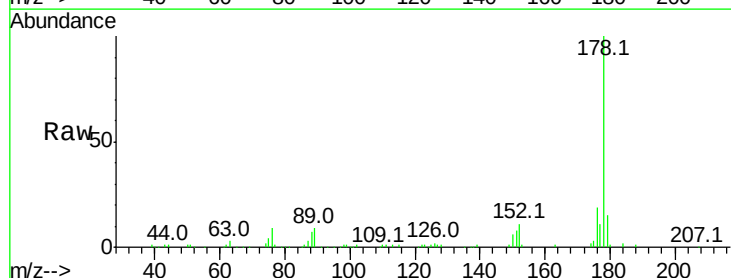
Tgt Ion:178 Resp: 150617

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

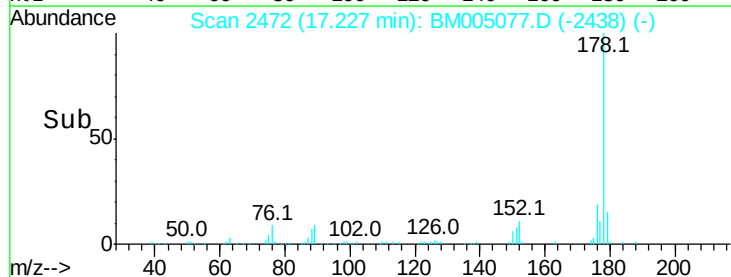
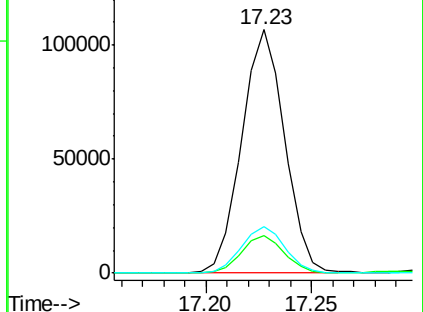
176 19.1 15.2 22.8

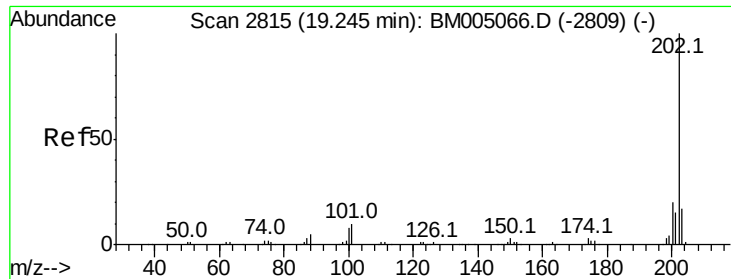


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

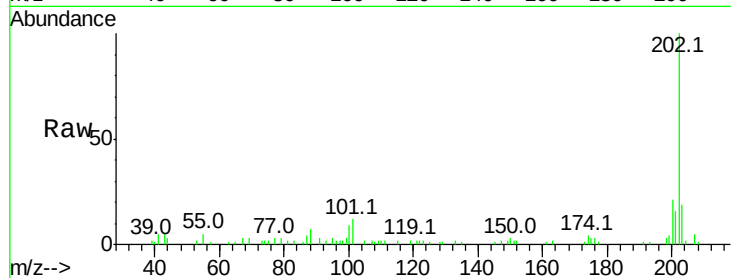




#74
 Fluoranthene
 Concen: 1.37 ng/ul
 RT: 19.24 min Scan# 2815
 Delta R.T. 0.00 min
 Lab File: BM005077.D
 Acq: 26 Apr 2016 12:21

Instrument :
 BNA_M
 ClientSampleId :
 BC7P9

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.0	13.4
100	9.4	6.6	10.0



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

