

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
 Data File : BM005268.D
 Acq On : 06 May 2016 14:05
 Operator : UM/SJ
 Sample : H2813-06DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7R8DL

Quant Time: May 11 03:46:58 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 05 16:29:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	82002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	397453	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	278211	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	695433	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	824870	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	789554	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	1892	0.25	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.11	67	8877	2.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	8006	1.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	4188	0.68	ng/ul	0.01
19) Nitrobenzene-d5	8.93	128	4602	1.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	4848	1.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	9680	1.62	ng/ul	0.01
29) 4-Chloroaniline-d4	10.56	131	295	0.04	ng/ul	-0.14
43) Dimethylphthalate-d6	13.82	166	50618	2.27	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	56625	2.16	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.41	176	51431	2.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	3130	0.80	ng/ul	0.00
70) Anthracene-d10	17.26	188	83531	2.72	ng/ul	0.00
76) Pyrene-d10	19.56	212	100411	2.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	89930	2.57	ng/ul	0.00

Target Compounds

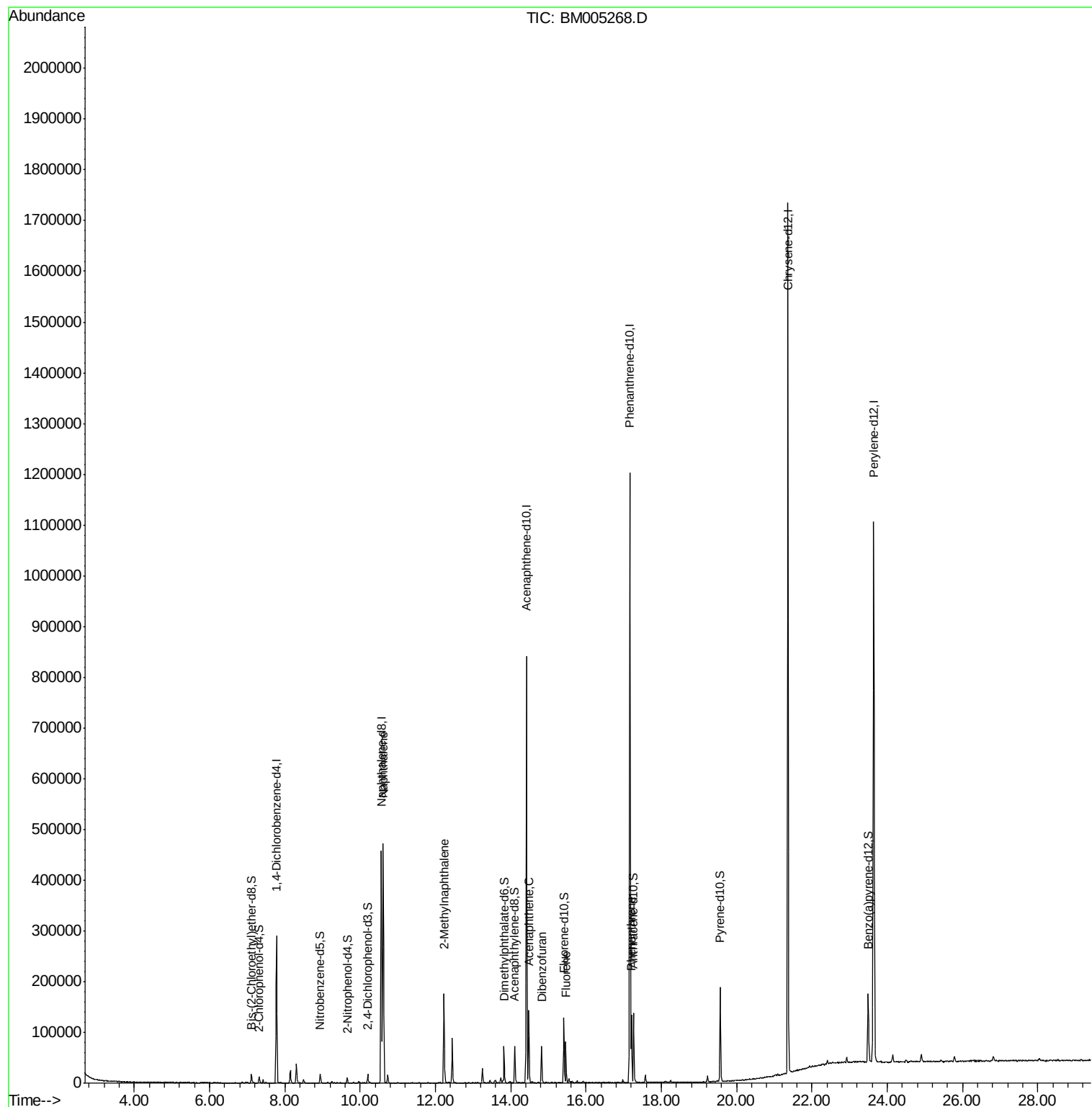
						Qvalue
28) Naphthalene	10.61	128	389086	19.46	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	88120	5.89	ng/ul	99
49) Acenaphthene	14.48	153	60246	3.30	ng/ul	99
53) Dibenzofuran	14.82	168	52805	2.00	ng/ul	98
58) Fluorene	15.46	166	37682	1.82	ng/ul	96
69) Phenanthrene	17.20	178	77770	2.13	ng/ul	100

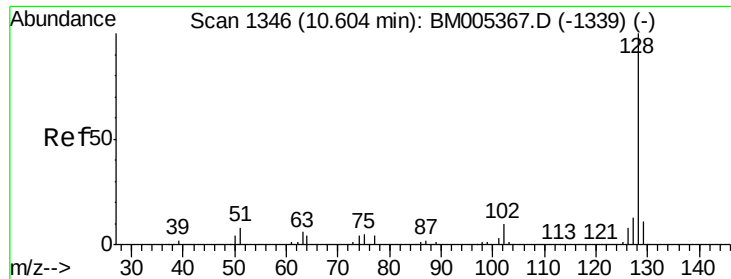
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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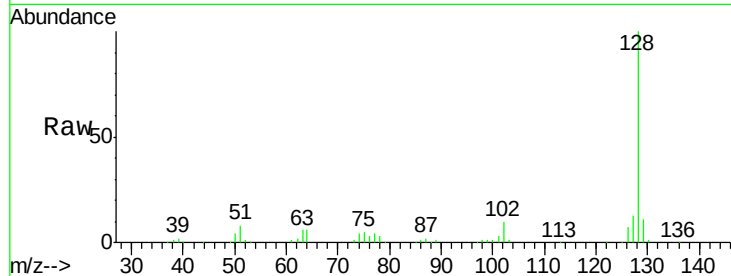




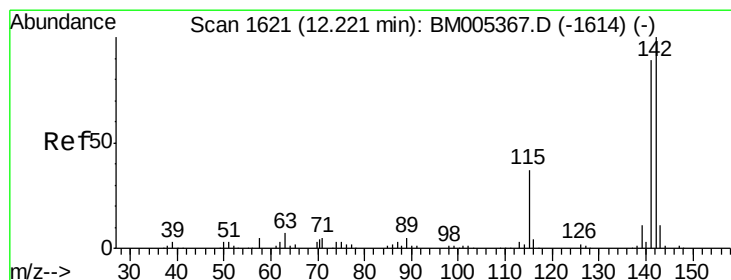
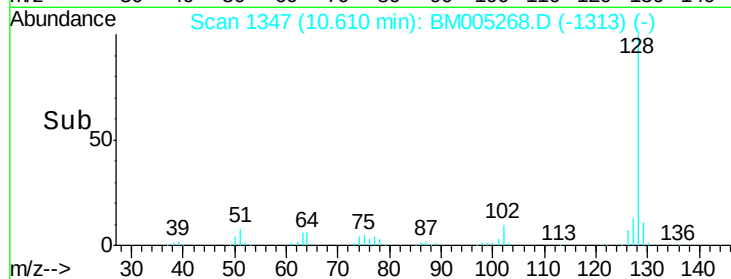
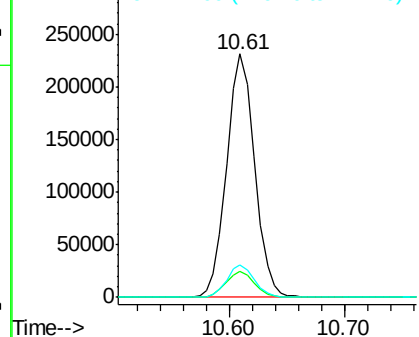
#28
Naphthalene
Concen: 19.46 ng/ul
RT: 10.61 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BM005268.D
Acq: 06 May 2016 14:05

Instrument :
BNA_M
ClientSampleId :
BC7R8DL

Tgt Ion:128 Resp: 389086
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.1 10.8 16.2

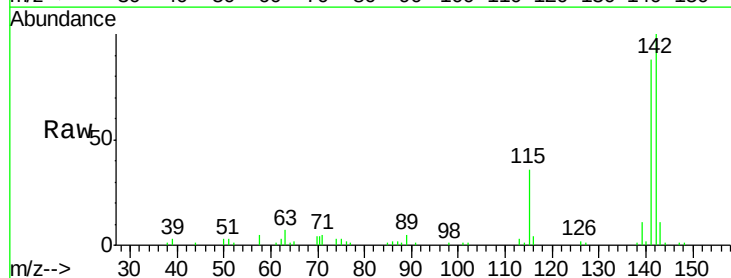


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

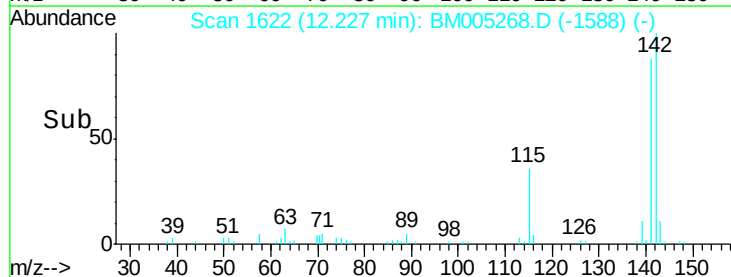
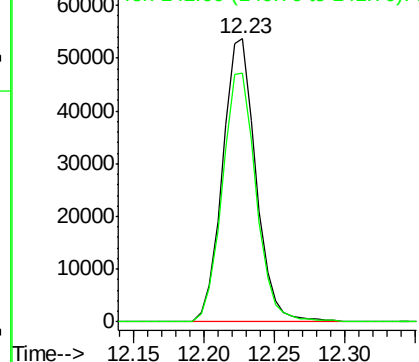


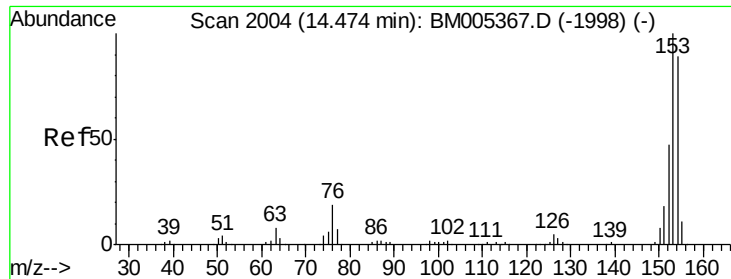
#34
2-Methylnaphthalene
Concen: 5.89 ng/ul
RT: 12.23 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BM005268.D
Acq: 06 May 2016 14:05

Tgt Ion:142 Resp: 88120
Ion Ratio Lower Upper
142 100
141 88.1 71.3 106.9



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





#49

Acenaphthene

Concen: 3.30 ng/ul

RT: 14.48 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BM005268.D

Acq: 06 May 2016 14:05

Instrument :

BNA_M

ClientSampleId :

BC7R8DL

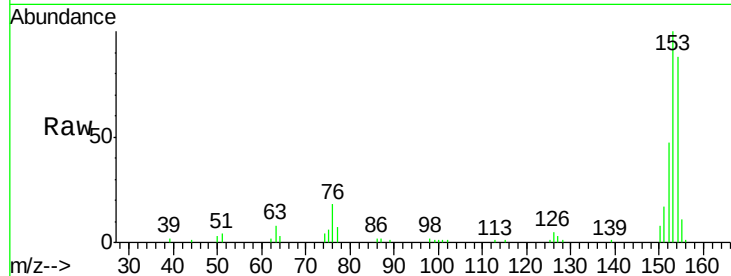
Tgt Ion:153 Resp: 60246

Ion Ratio Lower Upper

153 100

152 47.2 38.9 58.3

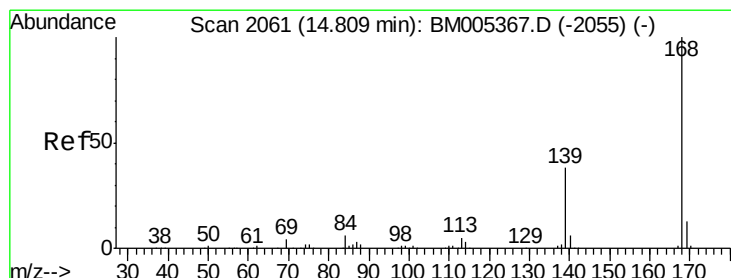
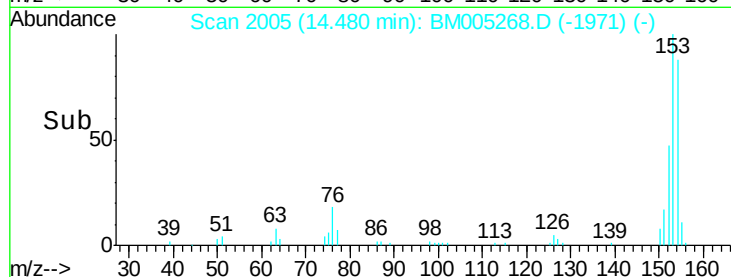
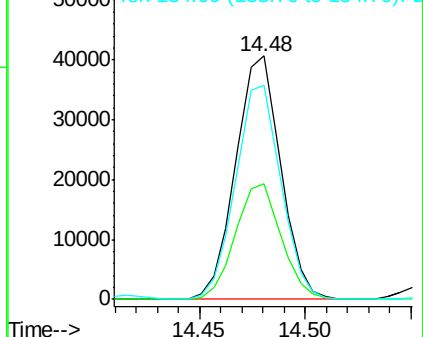
154 87.9 70.3 105.5



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: 2.00 ng/ul

RT: 14.82 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BM005268.D

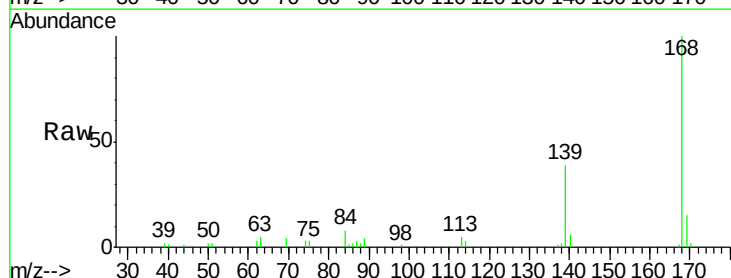
Acq: 06 May 2016 14:05

Tgt Ion:168 Resp: 52805

Ion Ratio Lower Upper

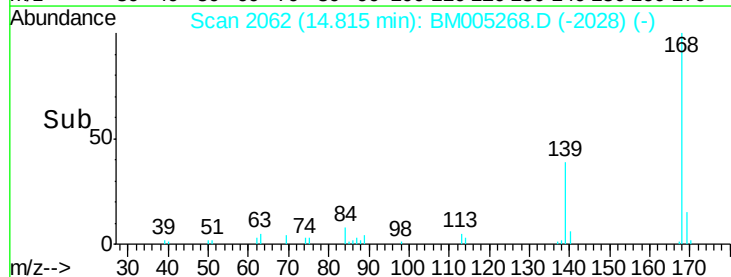
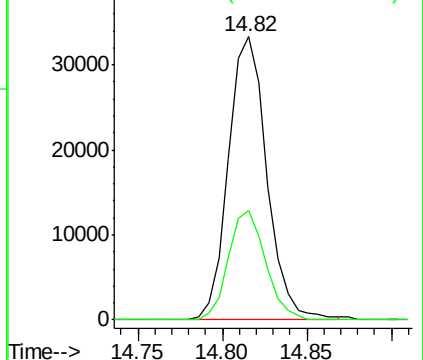
168 100

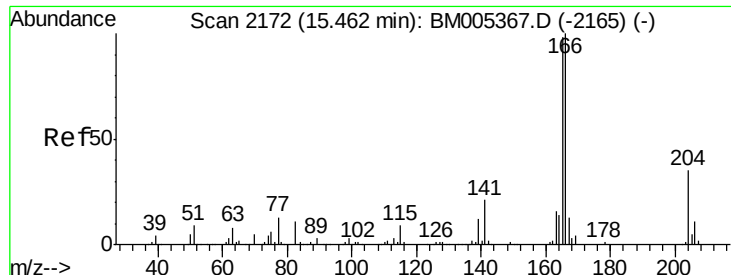
139 38.8 30.3 45.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 1.82 ng/ul

RT: 15.46 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BM005268.D

Acq: 06 May 2016 14:05

Instrument :

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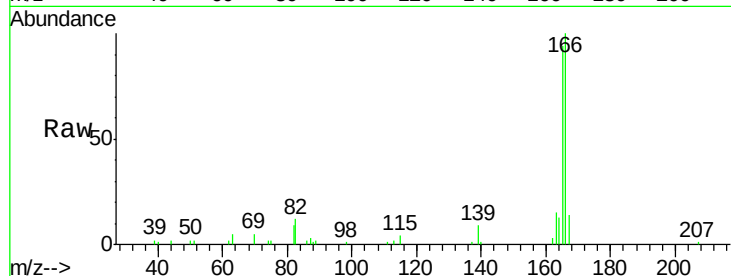
Tgt Ion:166 Resp: 37682

Ion Ratio Lower Upper

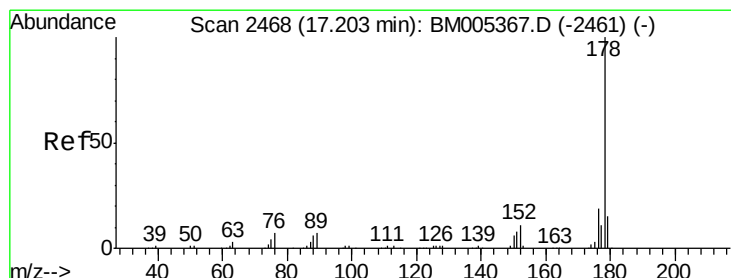
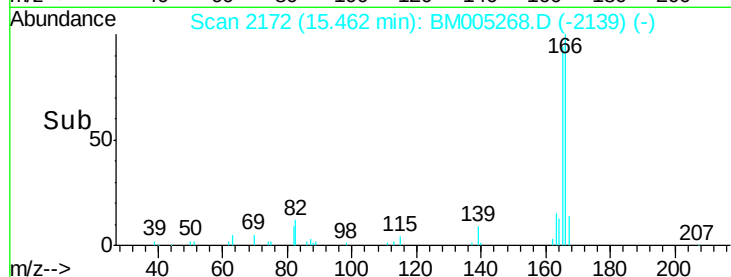
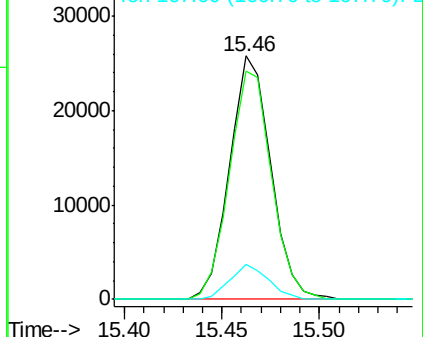
166 100

165 93.7 77.9 116.9

167 14.2 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: 2.13 ng/ul

RT: 17.20 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BM005268.D

Acq: 06 May 2016 14:05

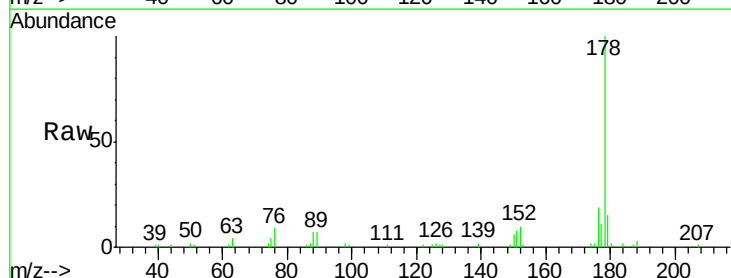
Tgt Ion:178 Resp: 77770

Ion Ratio Lower Upper

178 100

179 15.4 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

