

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042716\
 Data File : BM005104.D
 Acq On : 27 Apr 2016 19:29
 Operator : UM/SJ
 Sample : H2584-10DL 25X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q2DL

Quant Time: Apr 28 05:02:03 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 28 04:13:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	72946	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	345996	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	229615	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	537569	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	527747	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	399195	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.97	99	2223	0.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	5350	1.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	5752	1.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	3823	0.75	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	2412	1.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	2709	1.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	6069	1.19	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.84	166	28800	1.59	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	32036	1.48	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.43	176	29065	1.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	602	0.20	ng/ul	0.00
70) Anthracene-d10	17.28	188	44377	1.84	ng/ul	0.00
76) Pyrene-d10	19.58	212	51199	2.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	31513	1.76	ng/ul	0.00

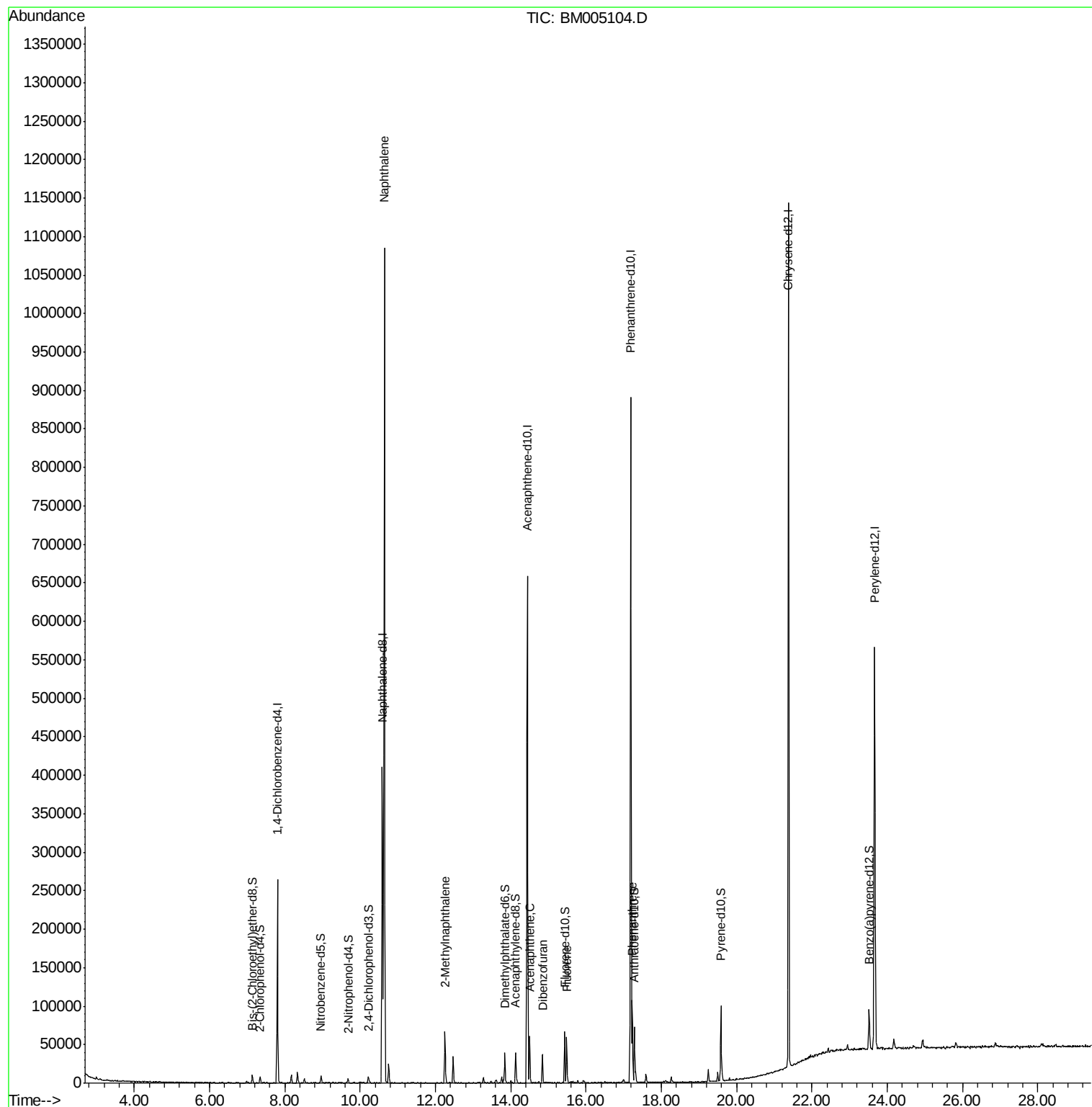
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.64	128	917531	52.58	ng/ul	100
34) 2-Methylnaphthalene	12.25	142	35434	2.74	ng/ul	98
49) Acenaphthene	14.50	153	25959	1.73	ng/ul	98
53) Dibenzofuran	14.84	168	27610	1.25	ng/ul	97
58) Fluorene	15.49	166	27619	1.60	ng/ul	98
69) Phenanthrene	17.23	178	66440	2.32	ng/ul	98

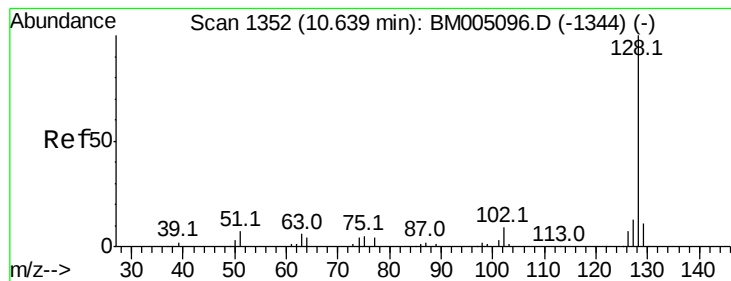
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 52.58 ng/ul

RT: 10.64 min Scan# 1352

Delta R.T. -0.00 min

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BNA_M

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BC7Q2DL

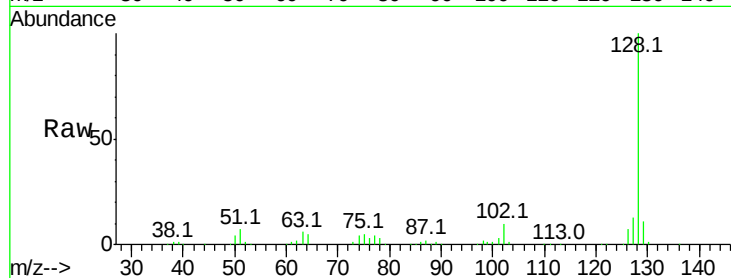
Tot Ion:128 Resp: 917531

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

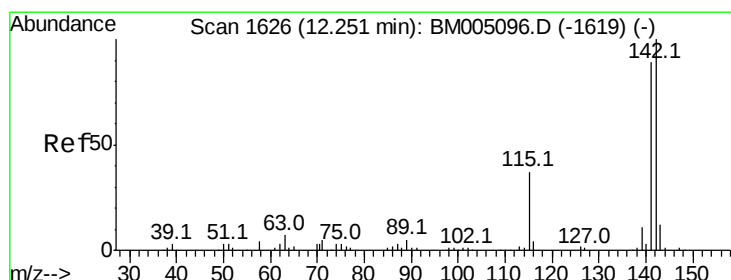
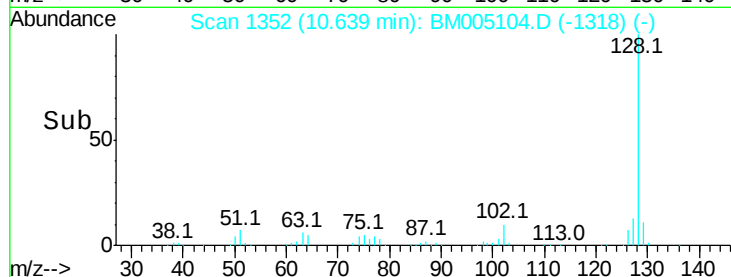
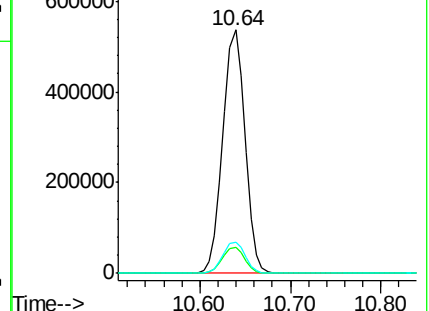
127 13.0 10.6 15.8



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: 2.74 ng/ul

RT: 12.25 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BM005104.D

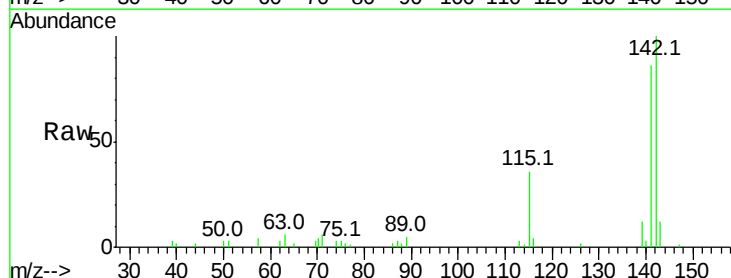
Acq: 27 Apr 2016 19:29

Tgt Ion:142 Resp: 35434

Ion Ratio Lower Upper

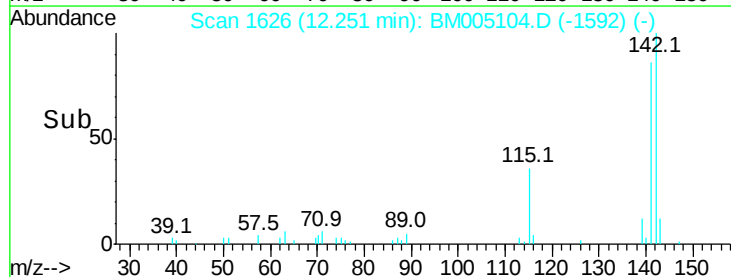
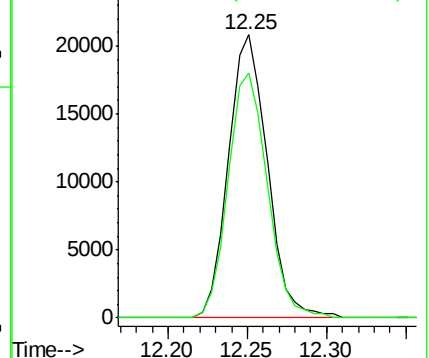
142 100

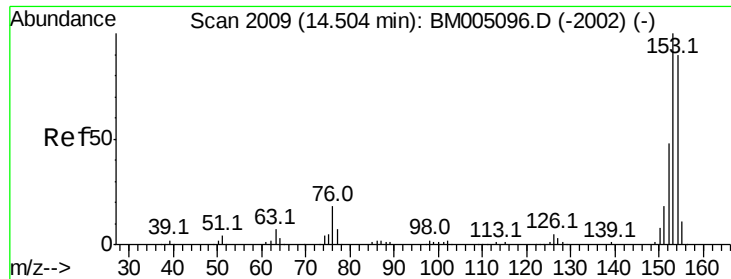
141 86.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#49

Acenaphthene

Concen: 1.73 ng/ul

RT: 14.50 min Scan# 2008

Delta R.T. -0.01 min

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Acq: 27 Apr 2016 19:29

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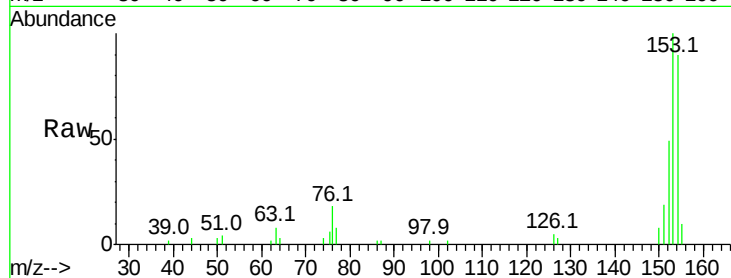
Tot Ion:153 Resp: 25959

Ion Ratio Lower Upper

153 100

152 49.5 37.7 56.5

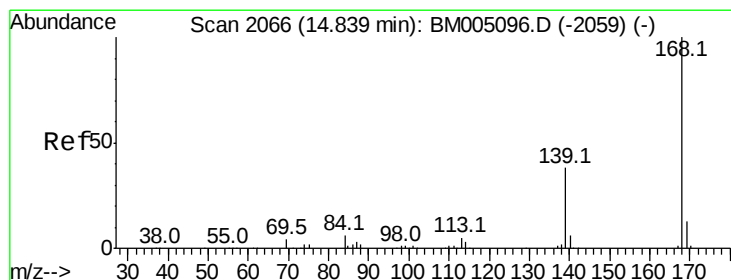
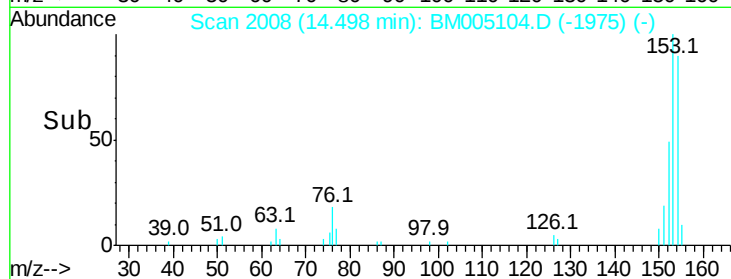
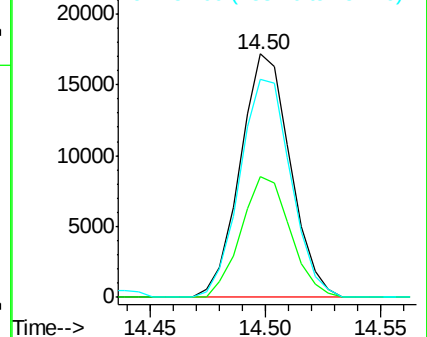
154 89.7 71.4 107.2



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: 1.25 ng/ul

RT: 14.84 min Scan# 2066

Delta R.T. -0.00 min

Lab File: BM005104.D

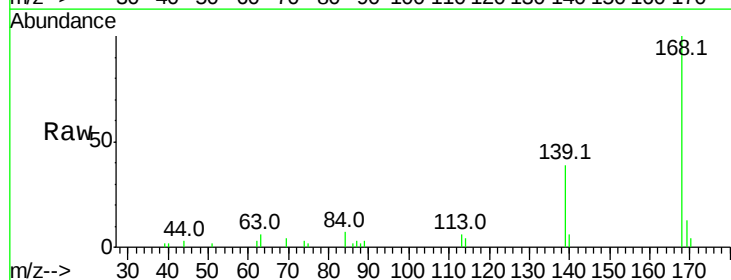
Acq: 27 Apr 2016 19:29

Tgt Ion:168 Resp: 27610

Ion Ratio Lower Upper

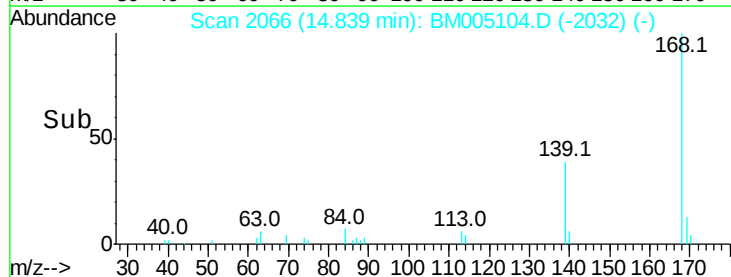
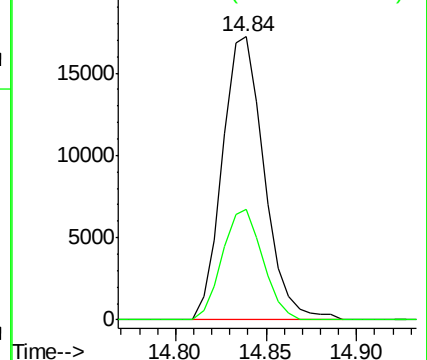
168 100

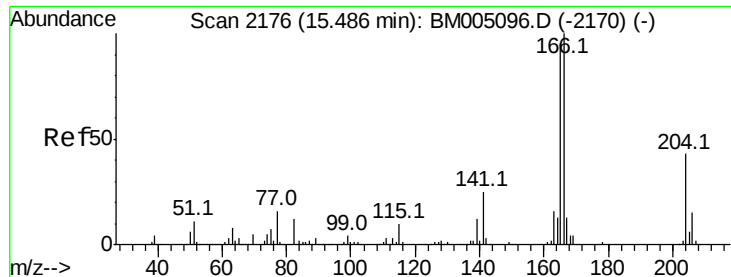
139 39.0 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 1.60 ng/ul

RT: 15.49 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BM005104.D

Acq: 27 Apr 2016 19:29

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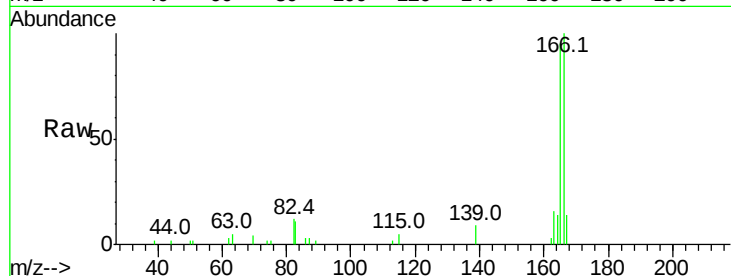
Tot Ion:166 Resp: 27619

Ion Ratio Lower Upper

166 100

165 95.3 77.7 116.5

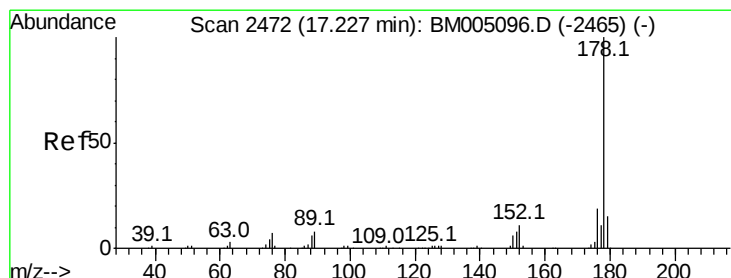
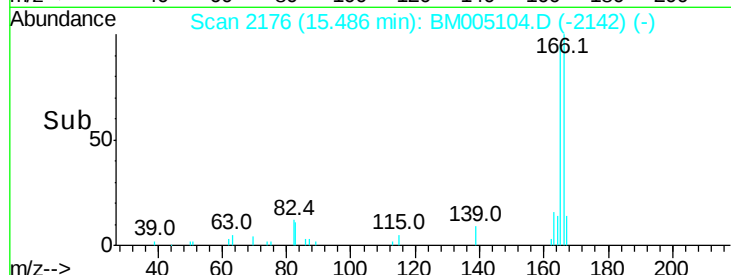
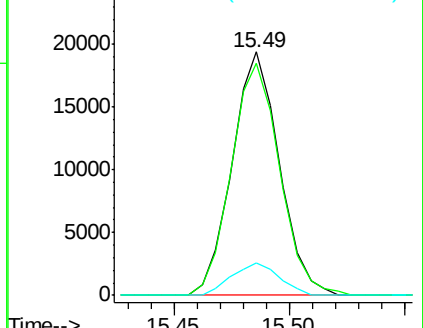
167 13.6 10.9 16.3



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: 2.32 ng/ul

RT: 17.23 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BM005104.D

Acq: 27 Apr 2016 19:29

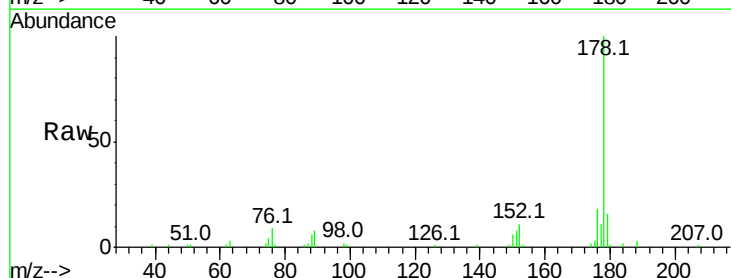
Tgt Ion:178 Resp: 66440

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.8

176 18.1 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

