

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120115\
 Data File : BM003346.D
 Acq On : 01 Dec 2015 21:28
 Operator : UM/IZ
 Sample : G4545-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CA782

Quant Time: Dec 02 01:18:17 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 02 01:07:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	77169	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	360363	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	219366	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	477720	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	420165	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	366559	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	1557	1.00	ng/uL	0.00
5) Phenol-d5	6.89	99	34237	5.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	76116	22.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	93740	18.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	70195	13.58	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	57443	23.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	64788	25.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	122312	24.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	10703	1.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	543374	32.95	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	589000	29.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	16849	5.70	ng/ul	0.00
58) Fluorene-d10	15.37	176	453562	31.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	69179	28.30	ng/ul	0.00
71) Anthracene-d10	17.22	188	704250	33.18	ng/ul	0.00
79) Pyrene-d10	19.52	212	743411	36.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	587168	33.20	ng/ul	0.00

Target Compounds

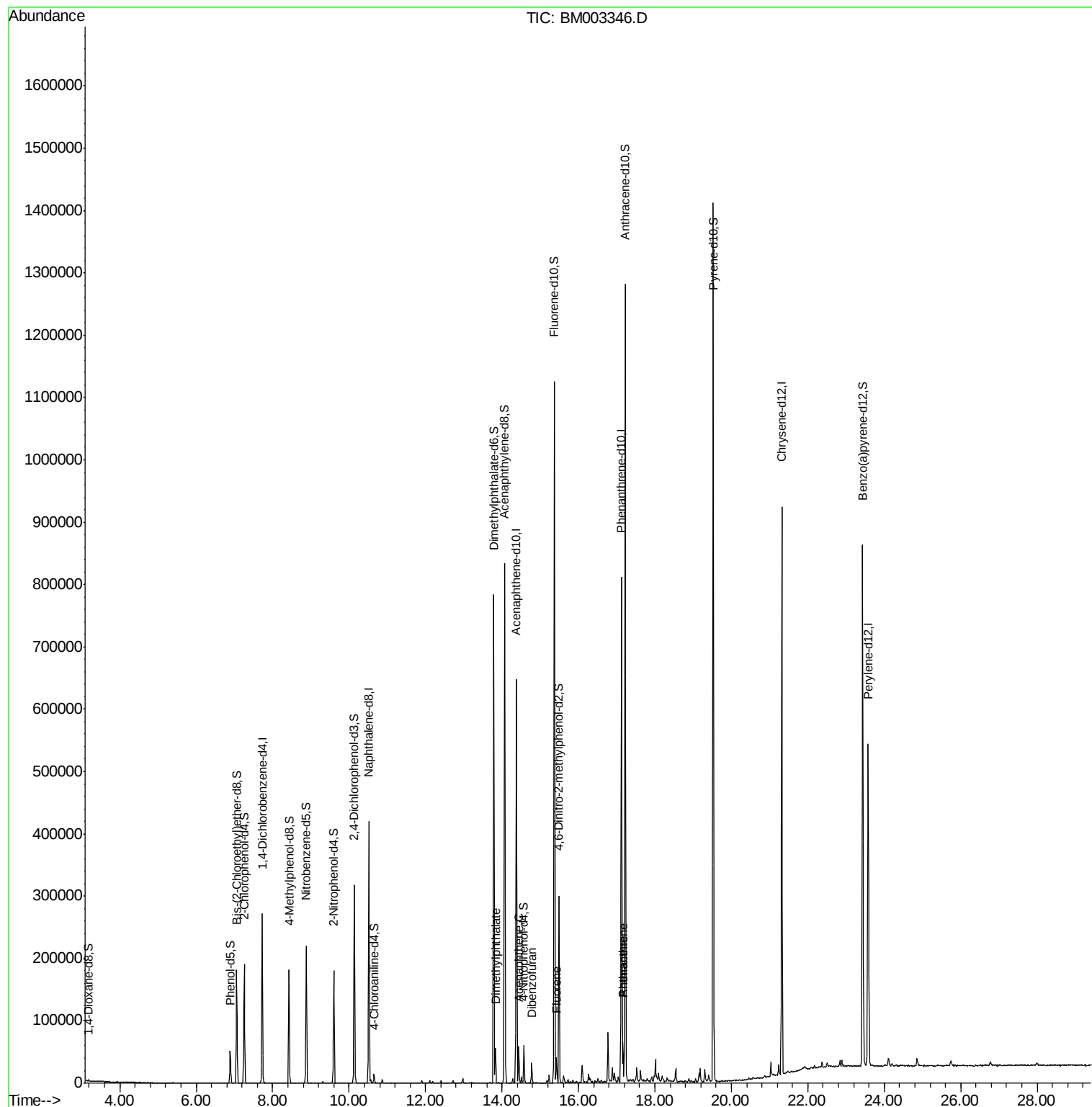
						Qvalue
45) Dimethylphthalate	13.83	163	38288	2.26	ng/ul	100
50) Acenaphthene	14.44	153	24616	1.66	ng/ul	98
54) Dibenzofuran	14.77	168	21769	1.04	ng/ul	97
59) Fluorene	15.43	166	18540	1.14	ng/ul	96
70) Phenanthrene	17.16	178	37921	1.44	ng/ul	100
72) Anthracene	17.16	178	37921	1.43	ng/ul	99

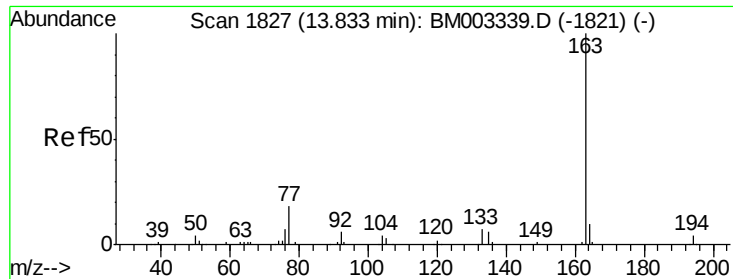
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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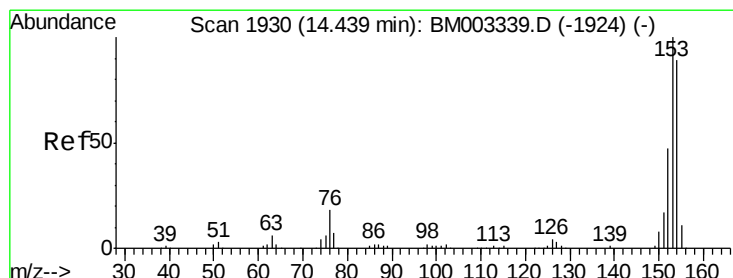
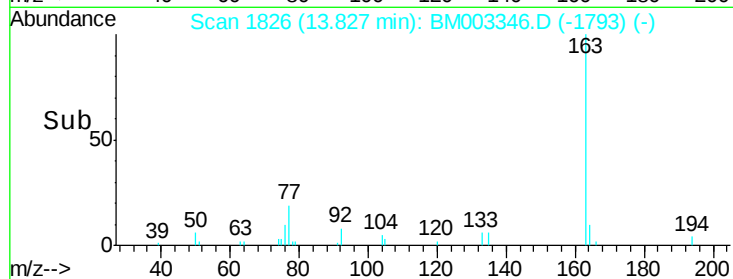
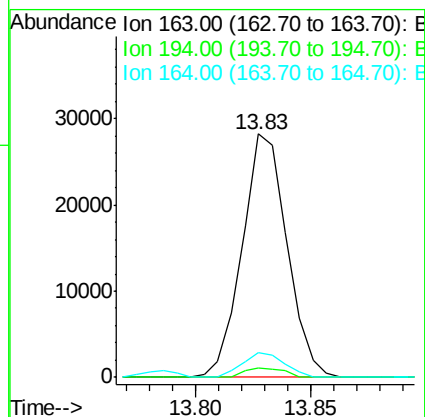
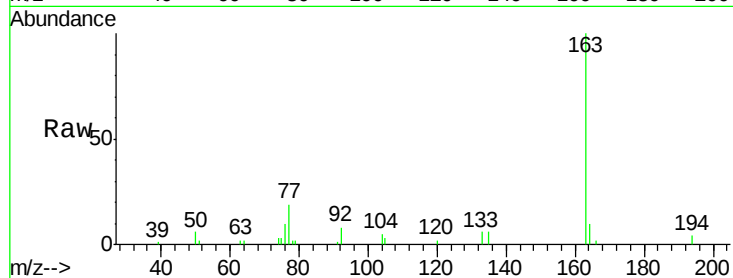




#45
Dimethylphthalate
Concen: 2.26 ng/ul
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM003346.D
Acq: 01 Dec 2015 21:28

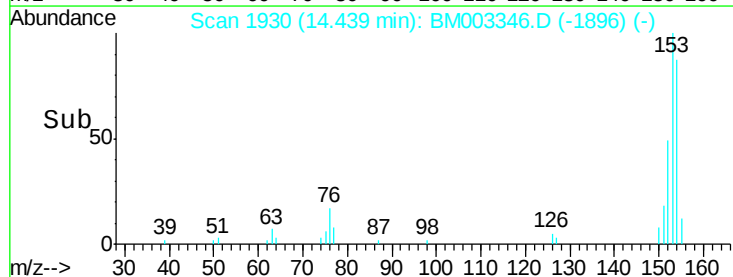
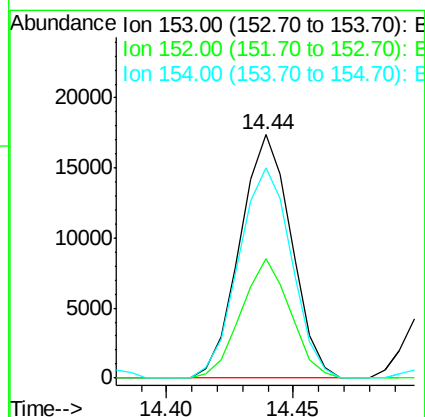
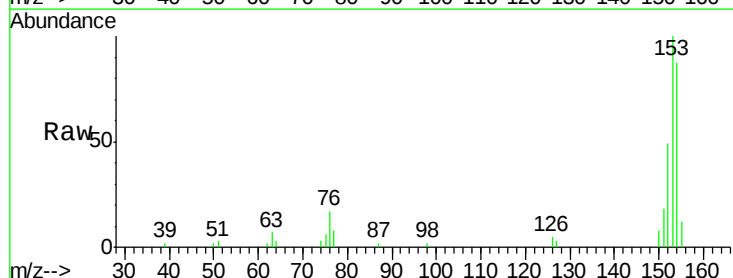
Instrument :
BNA_M
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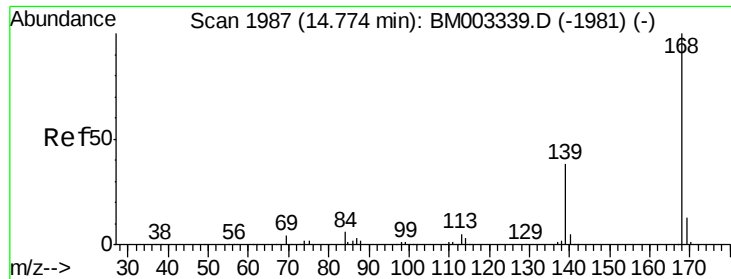
Tgt Ion:163 Resp: 38288
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.3 12.5



#50
Acenaphthene
Concen: 1.66 ng/ul
RT: 14.44 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BM003346.D
Acq: 01 Dec 2015 21:28

Tgt Ion:153 Resp: 24616
Ion Ratio Lower Upper
153 100
152 48.9 37.8 56.6
154 86.5 70.8 106.2





#54

Dibenzenofuran

Concen: 1.04 ng/ul

RT: 14.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BM003346.D

Acq: 01 Dec 2015 21:28

Instrument :

BNA_M

ClientSampleId :

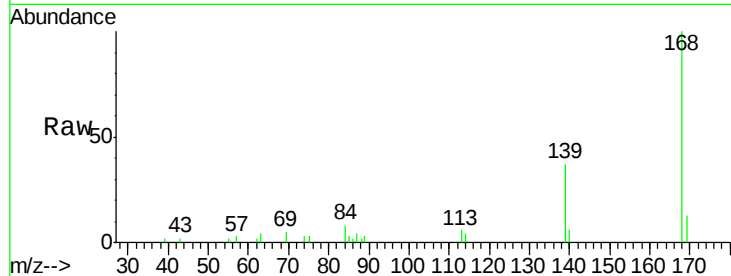
CA782

Tgt Ion:168 Resp: 21769

Ion Ratio Lower Upper

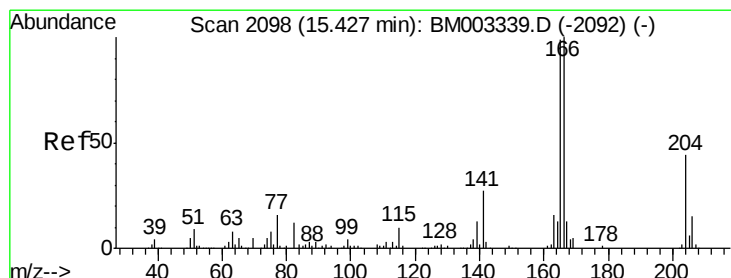
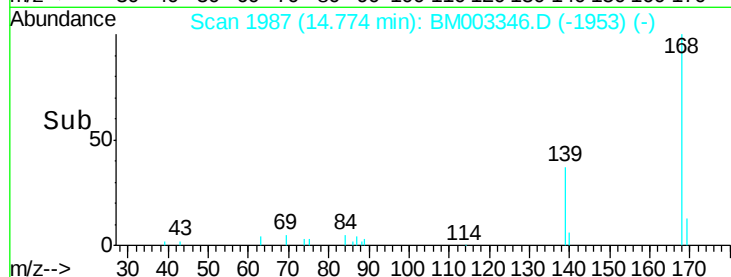
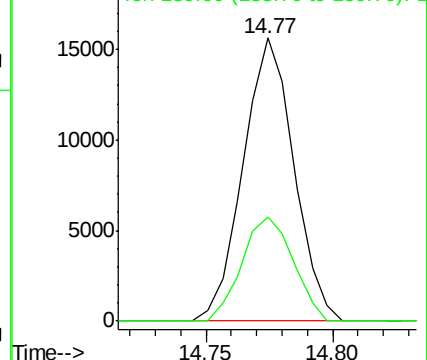
168 100

139 36.6 30.6 45.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 1.14 ng/ul

RT: 15.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BM003346.D

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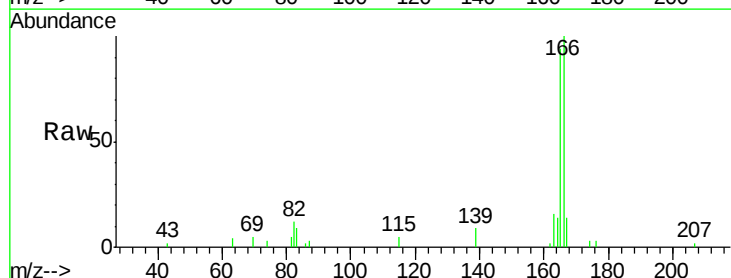
Tgt Ion:166 Resp: 18540

Ion Ratio Lower Upper

166 100

165 93.9 78.8 118.2

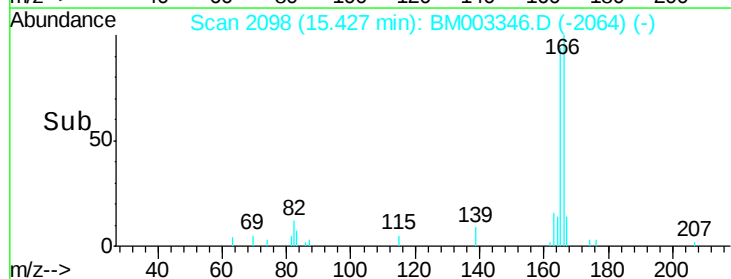
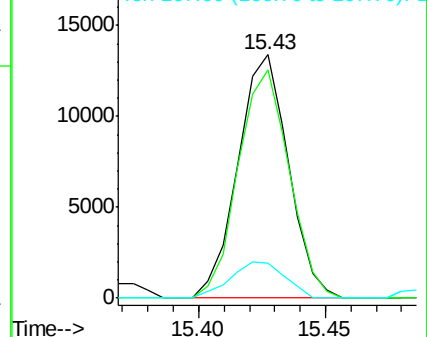
167 14.3 10.8 16.2

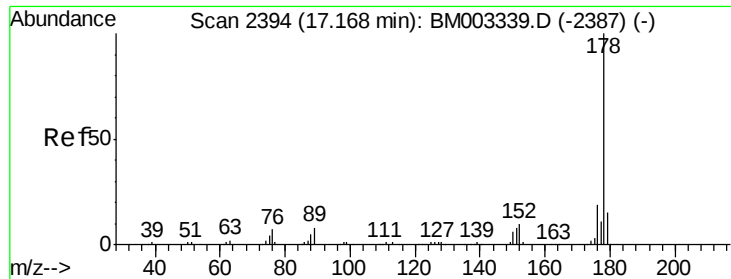


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 1.44 ng/ul

RT: 17.16 min Scan# 2393

Delta R.T. -0.01 min

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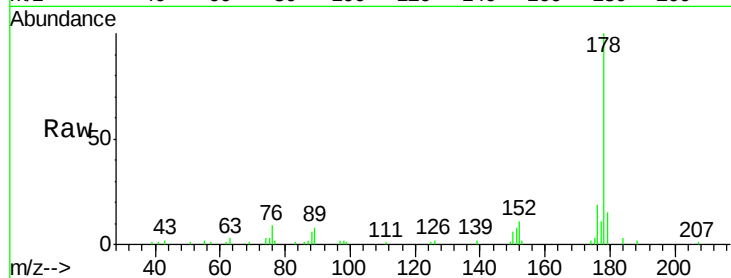
Tgt Ion:178 Resp: 37921

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

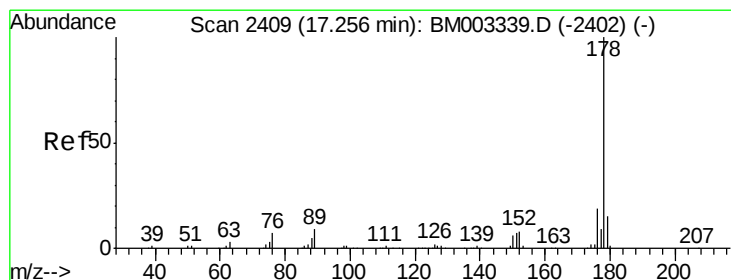
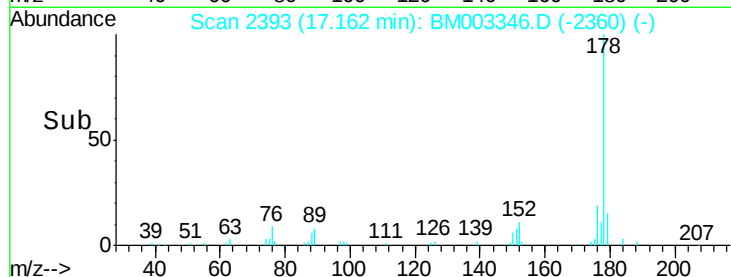
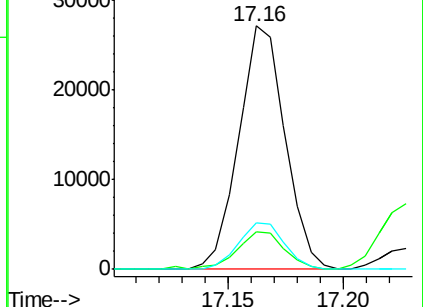
176 19.2 15.6 23.4



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



#72

Anthracene

Concen: 1.43 ng/ul

RT: 17.16 min Scan# 2393

Delta R.T. -0.09 min

Lab File: BM003346.D

Acq: 01 Dec 2015 21:28

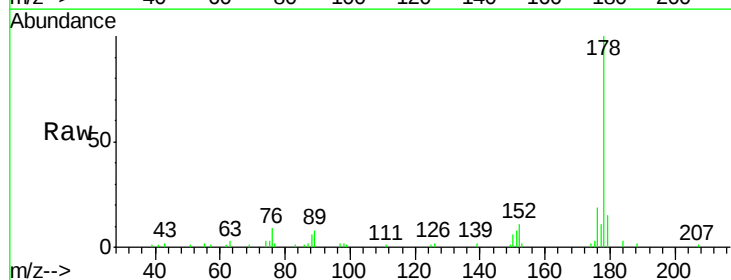
Tgt Ion:178 Resp: 37921

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

176 19.2 14.9 22.3



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

