

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
 Data File : BM005120.D
 Acq On : 28 Apr 2016 19:03
 Operator : UM/SJ
 Sample : H2639-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q3

Quant Time: Apr 29 11:17:46 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 29 02:20:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	37346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	178651	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	111328	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	260212	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	262327	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	209893	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1223	1.66	ng/uL	0.00
5) Phenol-d5	6.96	99	31195	10.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	58721	33.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	72507	29.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	57284	21.87	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	42062	33.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	48934	35.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	87612	33.41	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.84	166	284119	32.31	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	341499	32.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	13249	8.62	ng/ul	0.00
57) Fluorene-d10	15.42	176	247011	31.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	46055	31.12	ng/ul	0.00
70) Anthracene-d10	17.27	188	381049	32.66	ng/ul	0.00
76) Pyrene-d10	19.57	212	416106	34.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	310647	33.03	ng/ul	0.00

Target Compounds

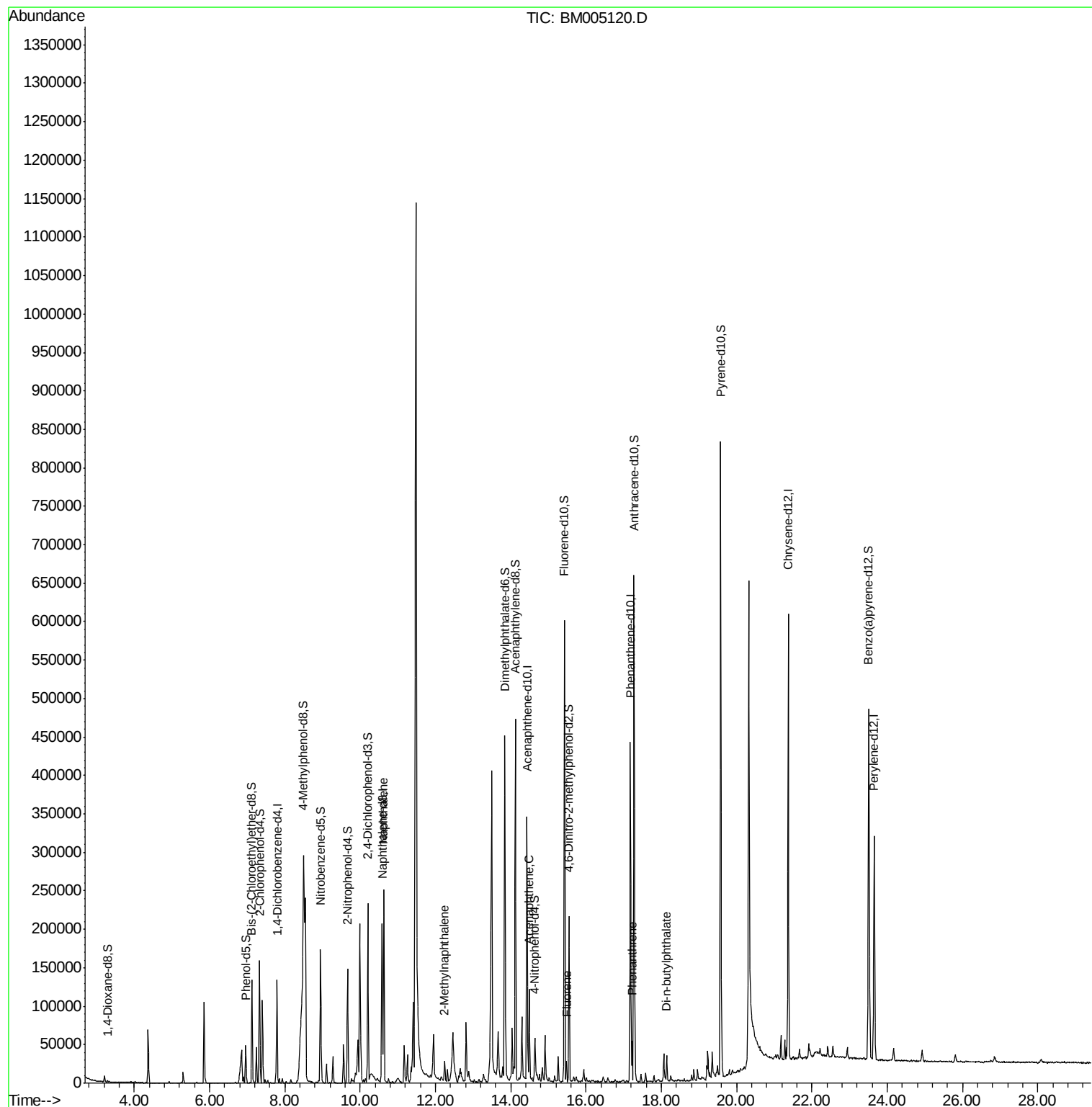
						Ovalue
28) Naphthalene	10.63	128	210615	23.37	ng/ul	100
34) 2-Methylnaphthalene	12.24	142	13633	2.04	ng/ul	100
49) Acenaphthene	14.49	153	14383	1.97	ng/ul	98
58) Fluorene	15.48	166	12698	1.52	ng/ul	99
69) Phenanthrene	17.22	178	33402	2.41	ng/ul	100
73) Di-n-butylphthalate	18.14	149	23978	1.71	ng/ul	99

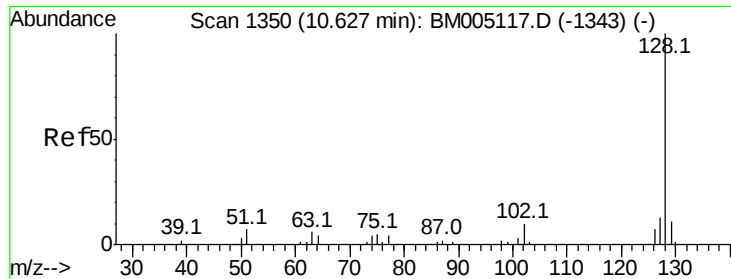
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 23.37 ng/ul

RT: 10.63 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM005120.D

Acq: 28 Apr 2016 19:03

Instrument :

BNA_M

ClientSampleId :

BC7Q3

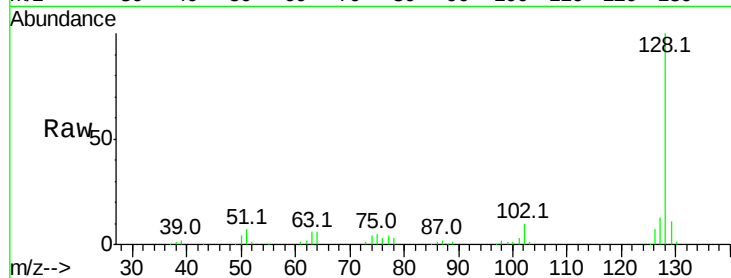
Tot Ion:128 Resp: 210615

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

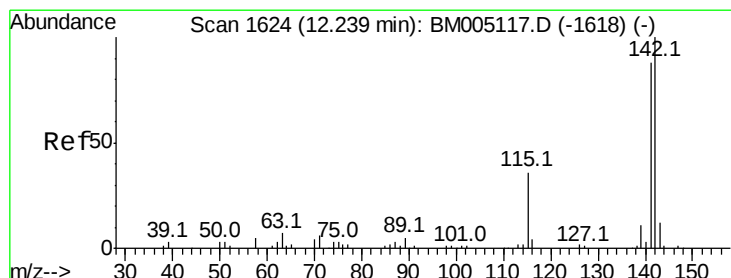
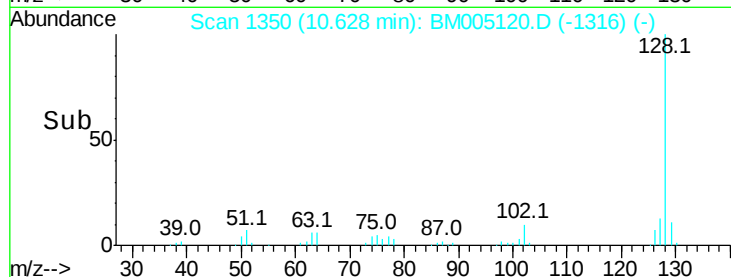
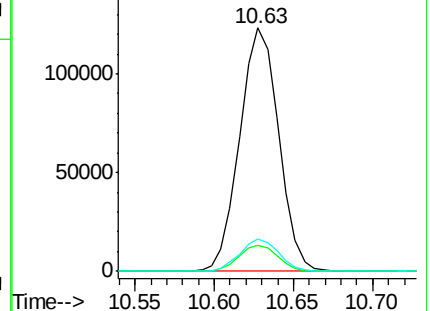
127 13.5 10.6 15.8



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: 2.04 ng/ul

RT: 12.24 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BM005120.D

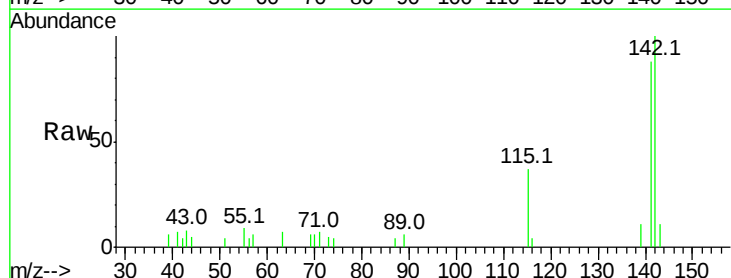
Acq: 28 Apr 2016 19:03

Tgt Ion:142 Resp: 13633

Ion Ratio Lower Upper

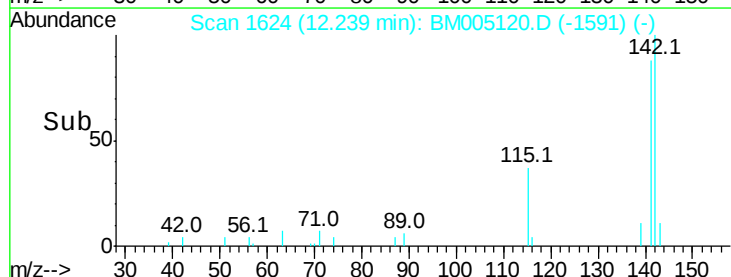
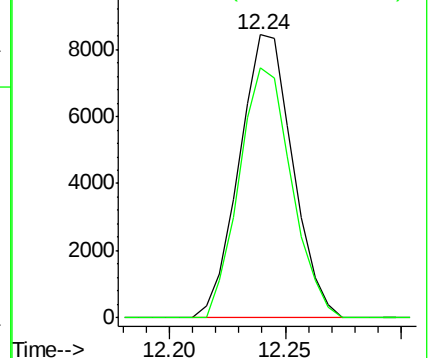
142 100

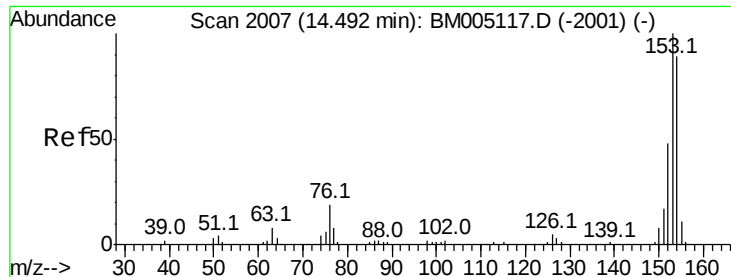
141 88.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#49

Acenaphthene

Concen: 1.97 ng/ul

RT: 14.49 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BM005120.D

Acq: 28 Apr 2016 19:03

Instrument :

BNA_M

ClientSampleId :

BC7Q3

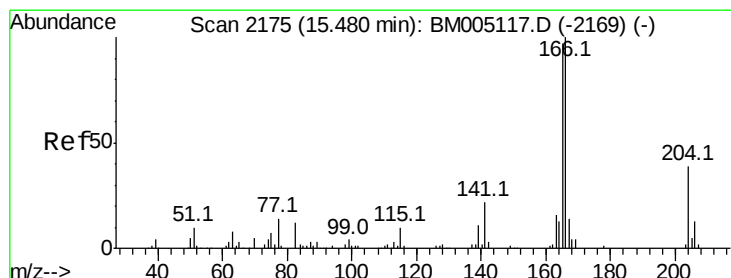
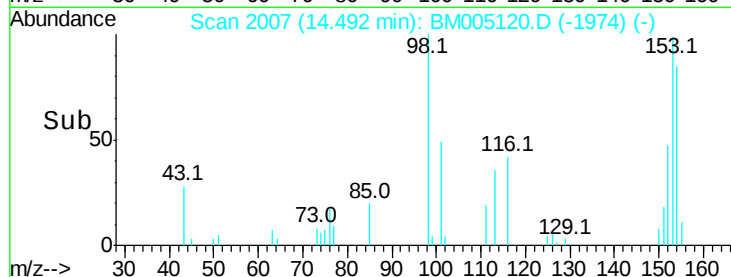
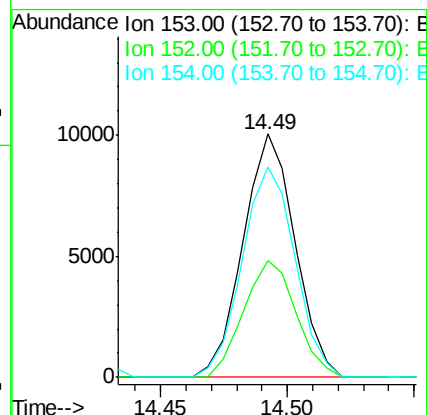
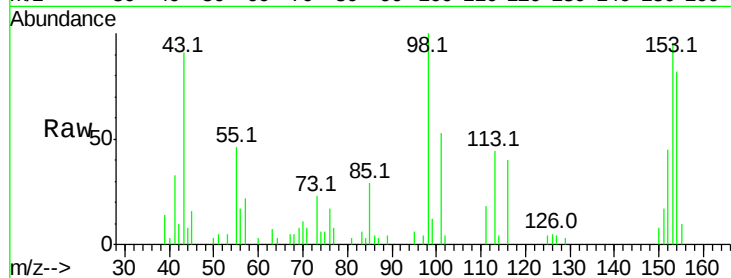
Tot Ion:153 Resp: 14383

Ion Ratio Lower Upper

153 100

152 47.9 37.7 56.5

154 86.6 71.4 107.2



#58

Fluorene

Concen: 1.52 ng/ul

RT: 15.48 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BM005120.D

Acq: 28 Apr 2016 19:03

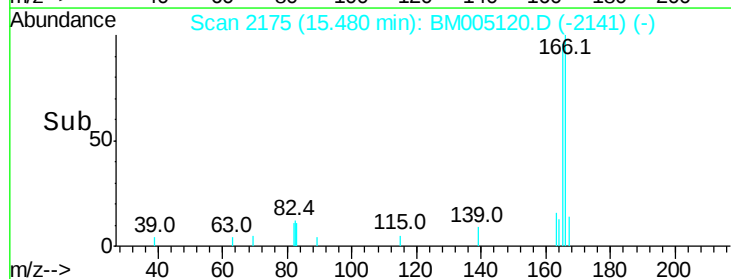
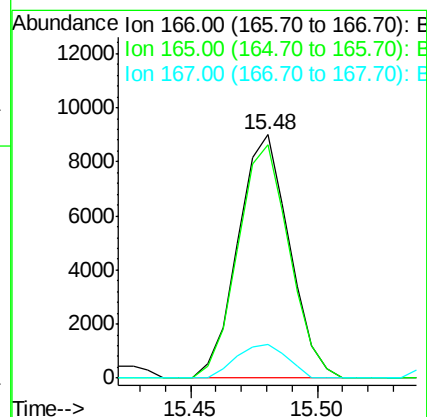
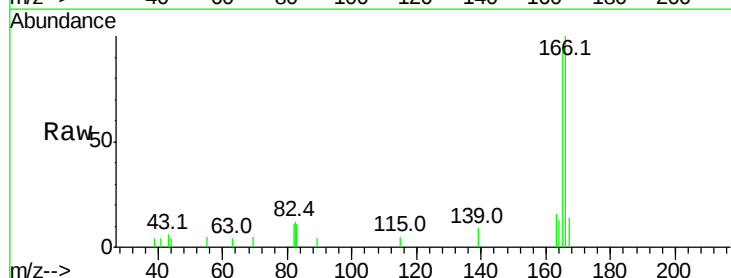
Tgt Ion:166 Resp: 12698

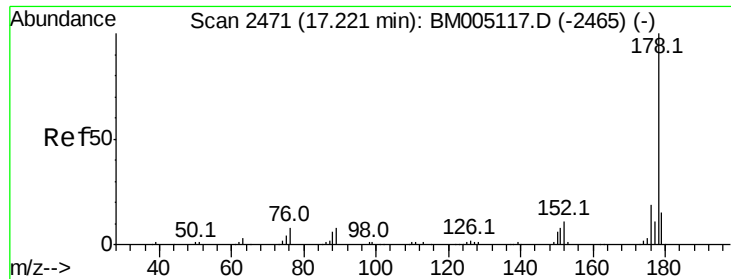
Ion Ratio Lower Upper

166 100

165 96.0 77.7 116.5

167 13.6 10.9 16.3

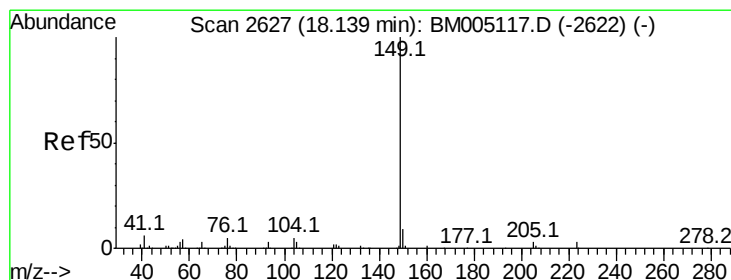
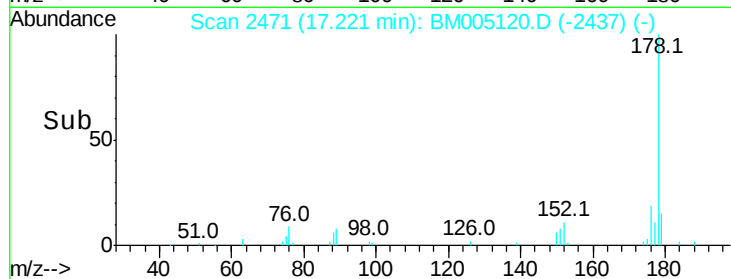
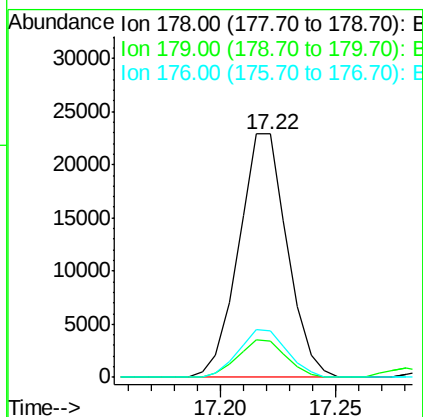
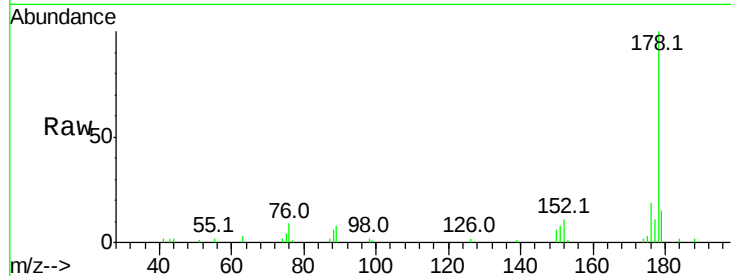




#69
 Phenanthrene
 Concen: 2.41 ng/ul
 RT: 17.22 min Scan# 2471
 Delta R.T. 0.00 min
 Lab File: BM005120.D
 Acq: 28 Apr 2016 19:03

Instrument :
 BNA_M
 ClientSampleId :
 BC7Q3

Tot Ion:178 Resp: 33402
 Ion Ratio Lower Upper
 178 100
 179 15.2 11.8 17.8
 176 18.9 15.2 22.8



#73
 Di-n-butylphthalate
 Concen: 1.71 ng/ul
 RT: 18.14 min Scan# 2627
 Delta R.T. -0.01 min
 Lab File: BM005120.D
 Acq: 28 Apr 2016 19:03

Tgt Ion:149 Resp: 23978
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.3 3.9 5.9

