

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
 Data File : BM005024.D
 Acq On : 21 Apr 2016 15:01
 Operator : UM/SJ
 Sample : H2567-15DL2 50X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7Z1DL2

Quant Time: Apr 21 18:15:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 15 22:59:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	39850	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	171528	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	99327	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	226790	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	266903	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	252656	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	7.15	99	984	0.35	ng/ul	0.17
7) Bis-(2-Chloroethyl)ether-d	7.15	67	889	0.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	1102	0.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	225	0.10	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	244	0.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	216	0.17	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.23	165	584	0.25	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.85	166	5181	0.77	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	6329	0.76	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.44	176	5900	1.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	10148	1.13	ng/ul	0.00
76) Pyrene-d10	19.59	212	9248	0.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	8279	0.85	ng/ul	0.00

Target Compounds

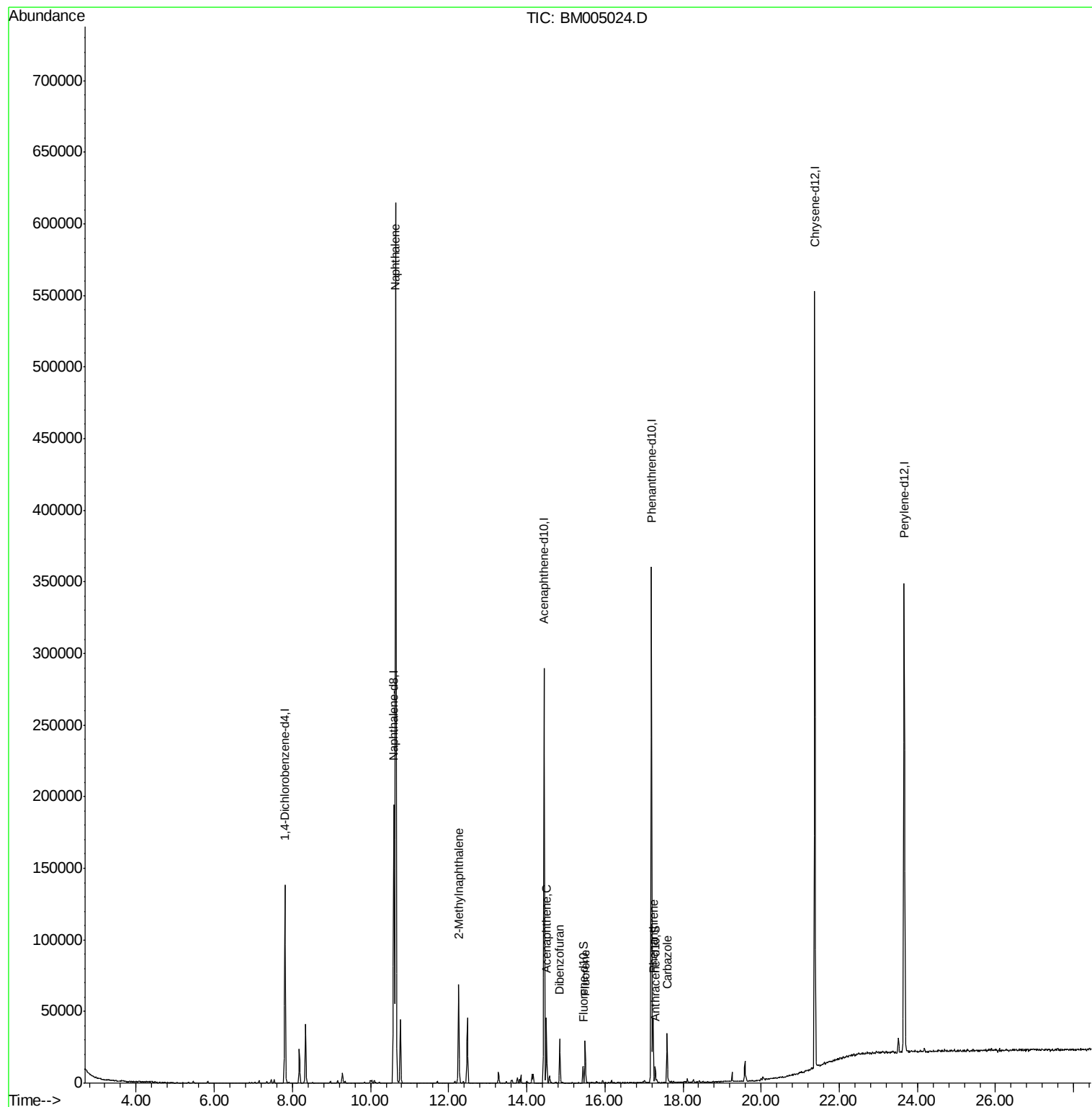
						Qvalue
28) Naphthalene	10.65	128	520840	68.15	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	35845	6.44	ng/ul	97
49) Acenaphthene	14.51	153	20666	3.61	ng/ul	99
53) Dibenzofuran	14.84	168	22866	2.76	ng/ul	100
58) Fluorene	15.49	166	15268	2.39	ng/ul	98
69) Phenanthrene	17.23	178	29793	2.82	ng/ul	97
72) Carbazole	17.59	167	27009	3.00	ng/ul	99

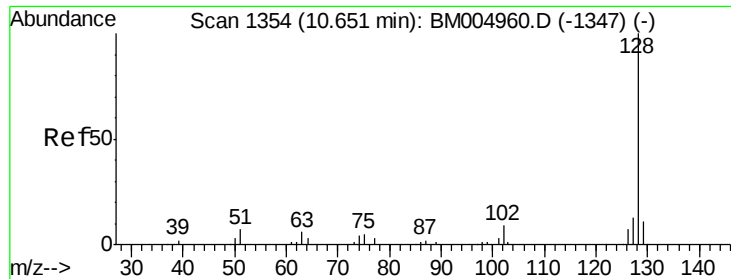
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
Data File : BM005024.D
Acq On : 21 Apr 2016 15:01
Operator : UM/SJ
Sample : H2567-15DL2 50X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7Z1DL2

Quant Time: Apr 21 18:15:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 22:59:24 2016
Response via : Initial Calibration

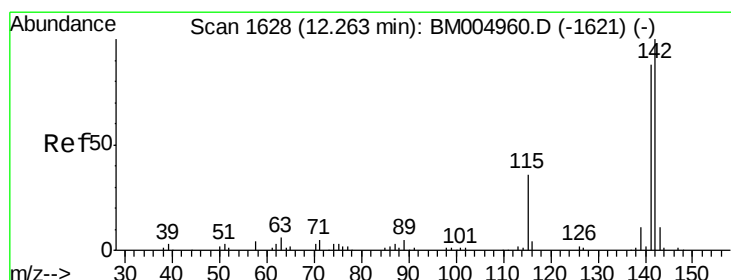
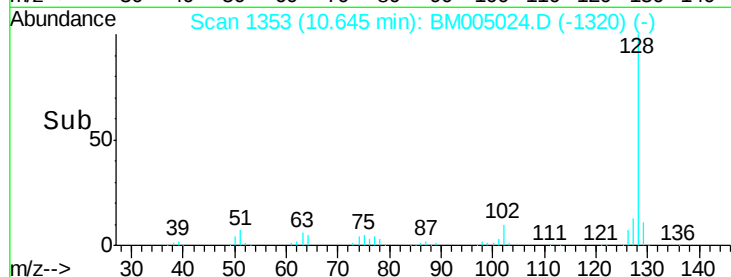
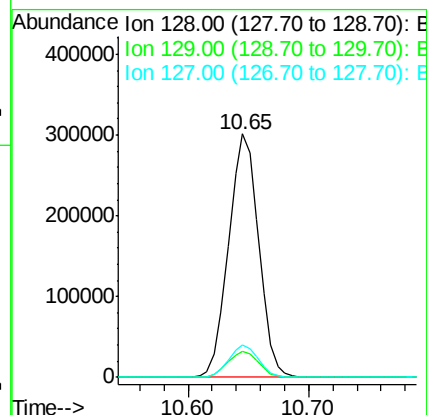
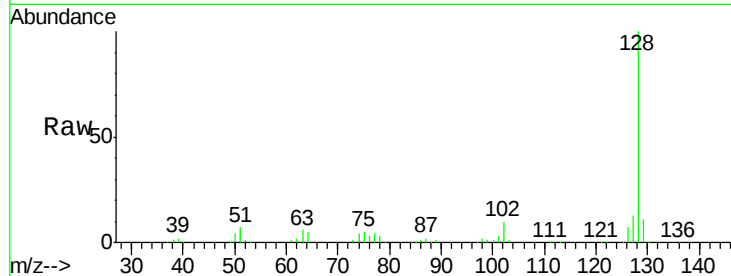




#28
Naphthalene
Concen: 68.15 ng/ul
RT: 10.65 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM005024.D
Acq: 21 Apr 2016 15:01

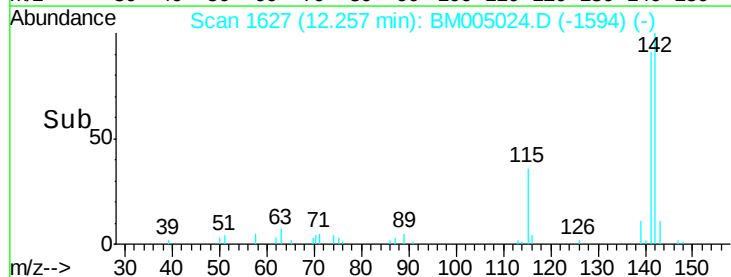
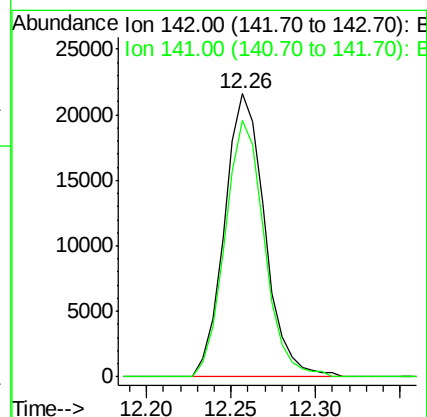
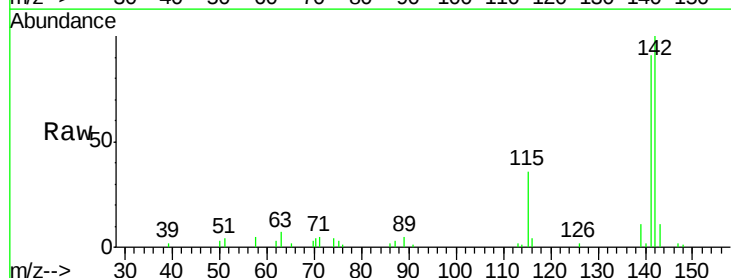
Instrument :
BNA_M
ClientSampleId :
BC7Z1DL2

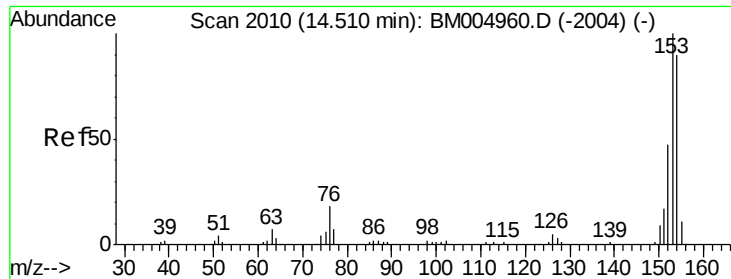
Tgt Ion:128 Resp: 520840
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.6 15.8



#34
2-Methylnaphthalene
Concen: 6.44 ng/ul
RT: 12.26 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BM005024.D
Acq: 21 Apr 2016 15:01

Tgt Ion:142 Resp: 35845
Ion Ratio Lower Upper
142 100
141 90.6 70.3 105.5





#49

Acenaphthene

Concen: 3.61 ng/ul

RT: 14.51 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BM005024.D

Acq: 21 Apr 2016 15:01

Instrument :

BNA_M

ClientSampleId :

BC7Z1DL2

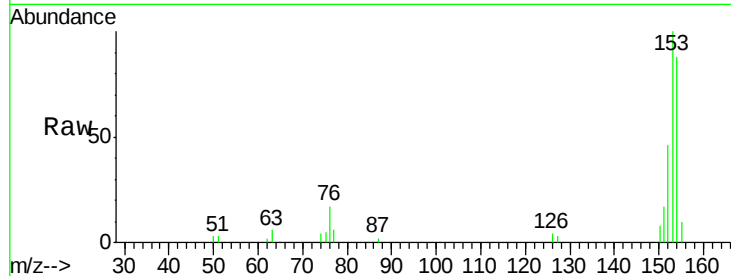
Tgt Ion:153 Resp: 20666

Ion Ratio Lower Upper

153 100

152 45.9 37.7 56.5

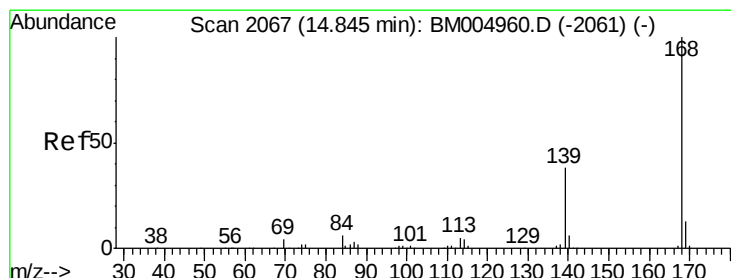
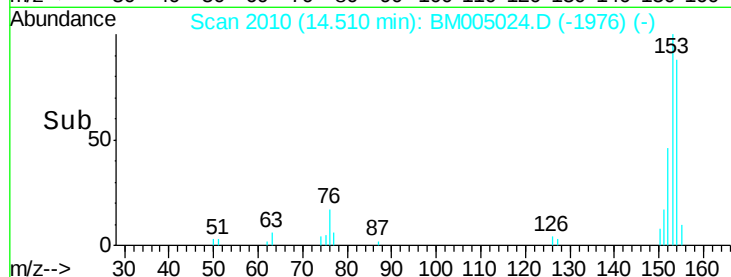
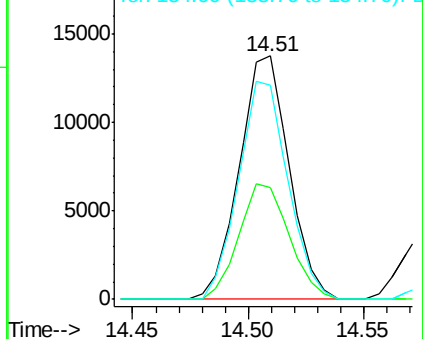
154 88.1 71.4 107.2



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: 2.76 ng/ul

RT: 14.84 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BM005024.D

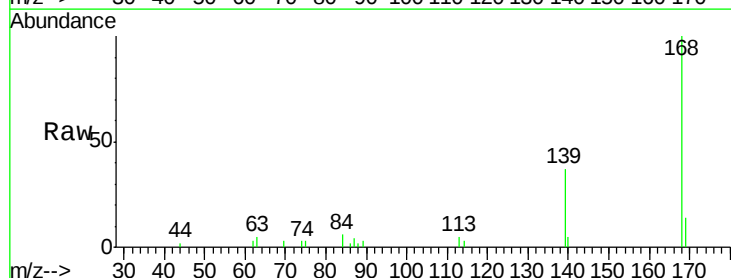
Acq: 21 Apr 2016 15:01

Tgt Ion:168 Resp: 22866

Ion Ratio Lower Upper

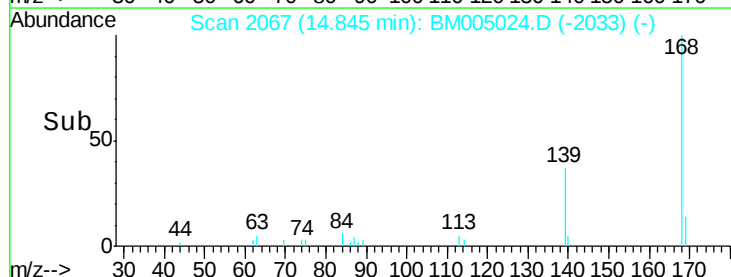
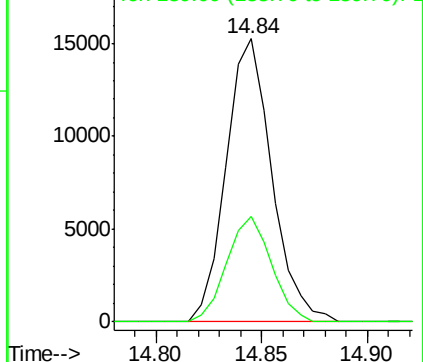
168 100

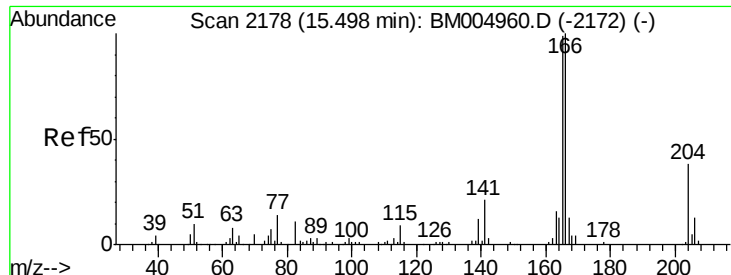
139 37.1 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.39 ng/ul

RT: 15.49 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BM005024.D

Acq: 21 Apr 2016 15:01

Instrument :

BNA_M

ClientSampleId :

BC7Z1DL2

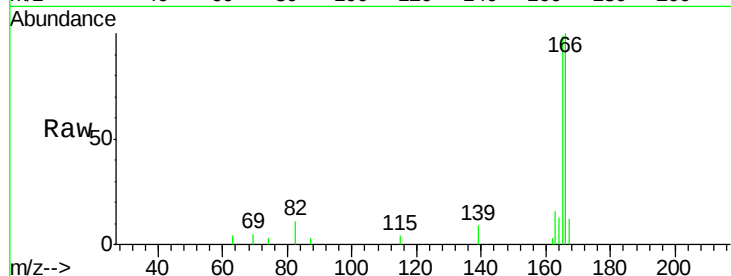
Tgt Ion:166 Resp: 15268

Ion Ratio Lower Upper

166 100

165 99.2 77.7 116.5

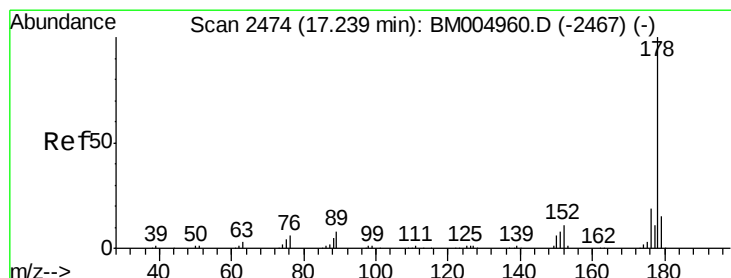
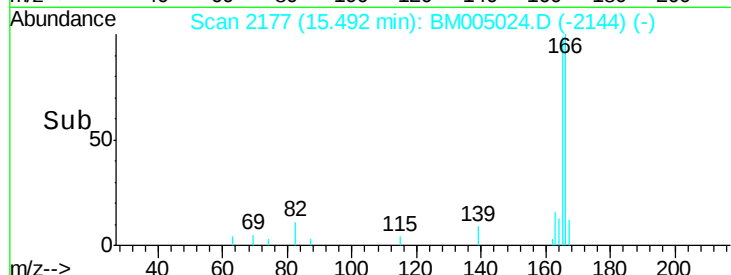
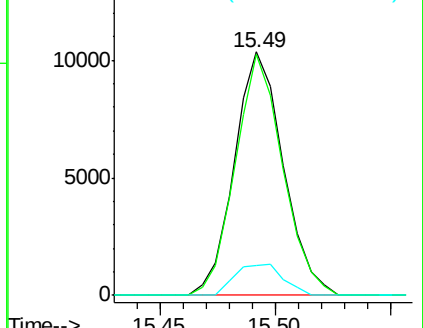
167 12.4 10.9 16.3



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: 2.82 ng/ul

RT: 17.23 min Scan# 2473

Delta R.T. -0.00 min

Lab File: BM005024.D

Acq: 21 Apr 2016 15:01

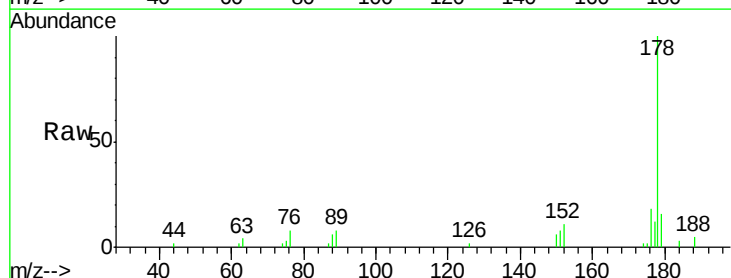
Tgt Ion:178 Resp: 29793

Ion Ratio Lower Upper

178 100

179 16.2 11.8 17.8

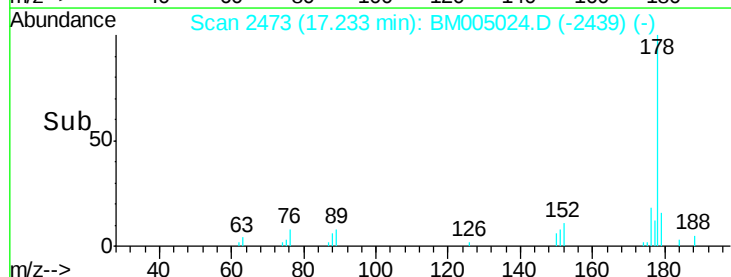
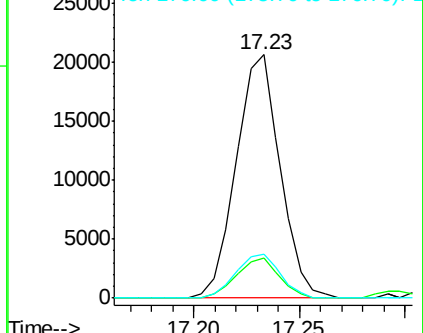
176 18.0 15.2 22.8

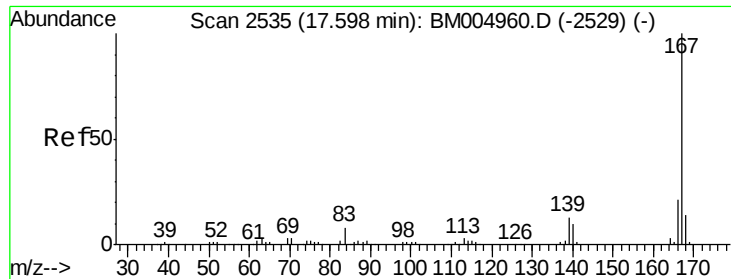


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 3.00 ng/ul

RT: 17.59 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BM005024.D

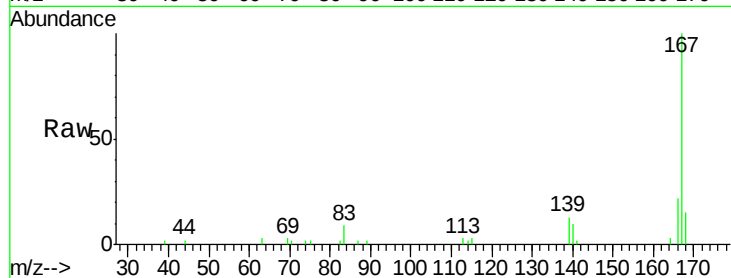
Acq: 21 Apr 2016 15:01

Instrument :

BNA_M

ClientSampleId :

BC7Z1DL2



Tgt Ion:167 Resp: 27009

Ion Ratio Lower Upper

167 100

166 21.9 16.6 25.0

139 12.8 10.2 15.4

