

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042016\
 Data File : BM005025.D
 Acq On : 21 Apr 2016 15:36
 Operator : UM/SJ
 Sample : H2567-22DL2 50X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7L9DL2

Quant Time: Apr 21 18:15:06 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	7.80	152	39170	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	169265	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	99701	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	224874	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	264884	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	246638	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	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.15	67	560	0.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	497	0.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	411	0.18	ng/ul	-0.18
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.85	166	3803	0.56	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	4657	0.56	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.44	176	4471	0.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	7894	0.88	ng/ul	0.00
76) Pyrene-d10	19.59	212	7248	0.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	6647	0.70	ng/ul	0.00

Target Compounds

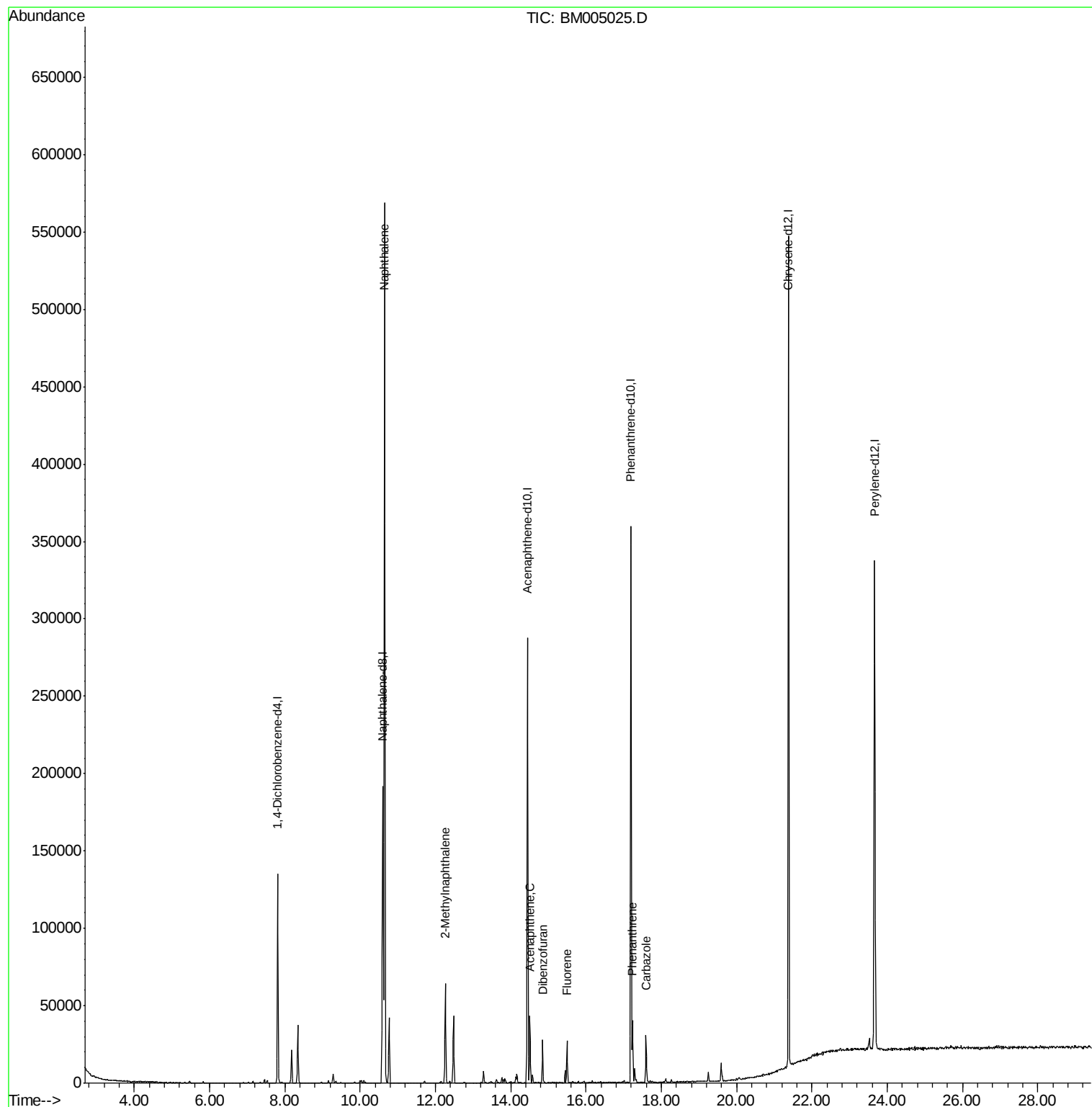
						Qvalue
28) Naphthalene	10.65	128	486360	64.49	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	33234	6.05	ng/ul	95
49) Acenaphthene	14.50	153	19322	3.36	ng/ul	97
53) Dibenzofuran	14.84	168	21213	2.55	ng/ul	97
58) Fluorene	15.49	166	13939	2.18	ng/ul	100
69) Phenanthrene	17.23	178	27127	2.59	ng/ul	99
72) Carbazole	17.59	167	25316	2.83	ng/ul	98

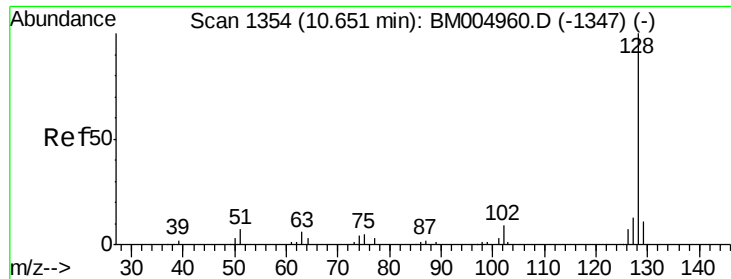
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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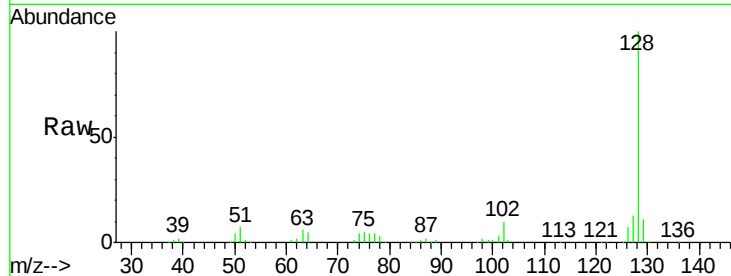




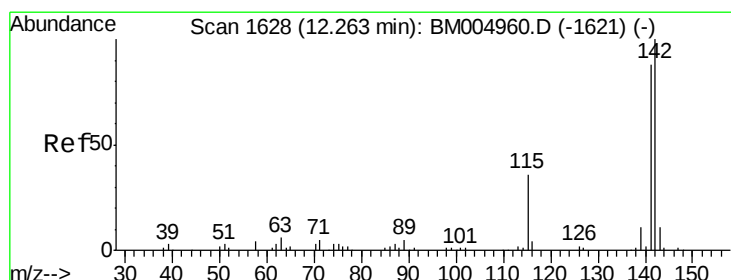
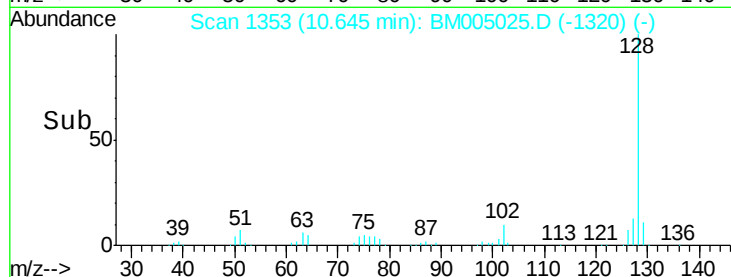
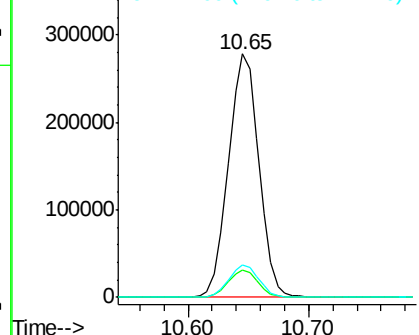
#28
Naphthalene
Concen: 64.49 ng/ul
RT: 10.65 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM005025.D
Acq: 21 Apr 2016 15:36

Instrument :
BNA_M
ClientSampleId :
BC7L9DL2

Tgt Ion:128 Resp: 486360
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.6 15.8

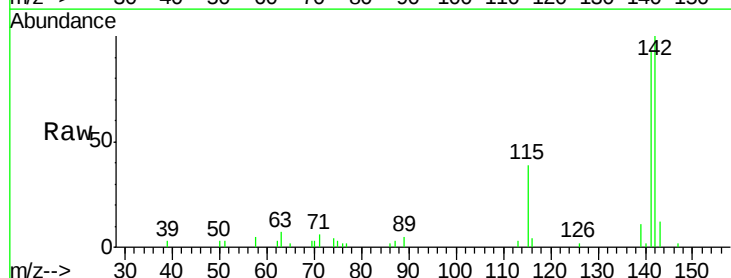


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

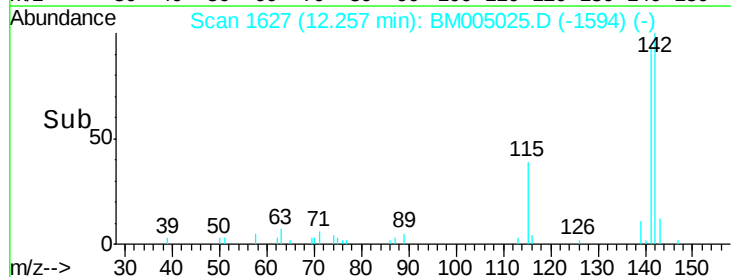
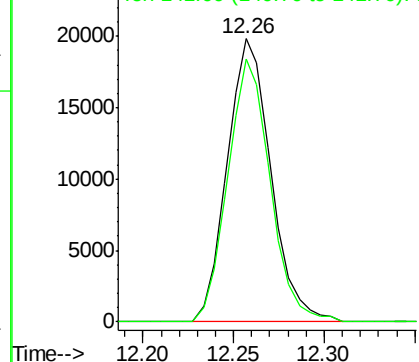


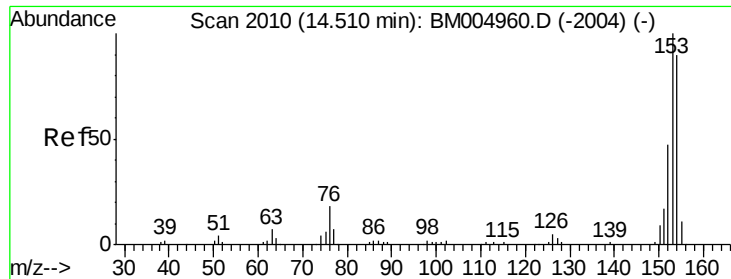
#34
2-Methylnaphthalene
Concen: 6.05 ng/ul
RT: 12.26 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BM005025.D
Acq: 21 Apr 2016 15:36

Tgt Ion:142 Resp: 33234
Ion Ratio Lower Upper
142 100
141 92.9 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: 3.36 ng/ul

RT: 14.50 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BM005025.D

Acq: 21 Apr 2016 15:36

Instrument :

BNA_M

ClientSampleId :

BC7L9DL2

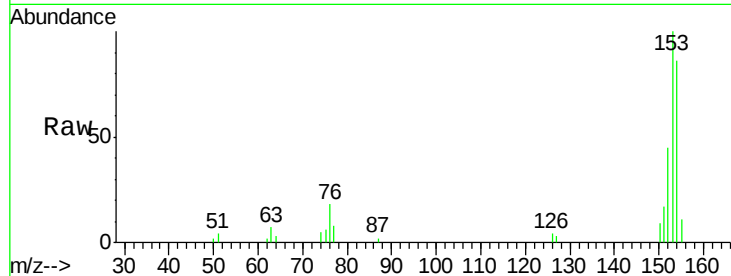
Tgt Ion:153 Resp: 19322

Ion Ratio Lower Upper

153 100

152 45.5 37.7 56.5

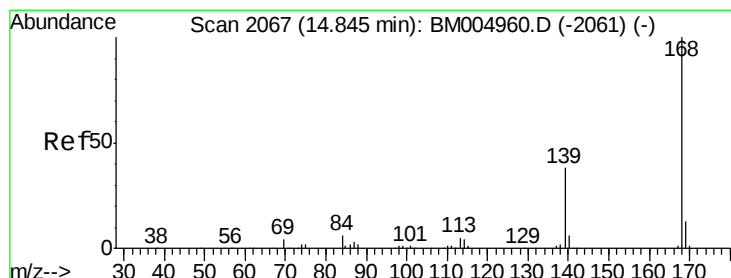
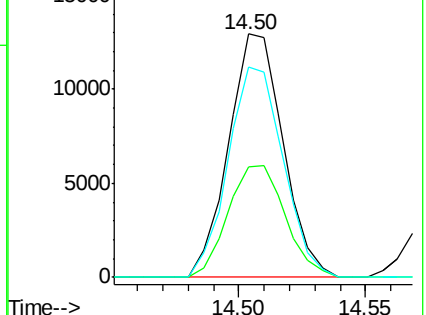
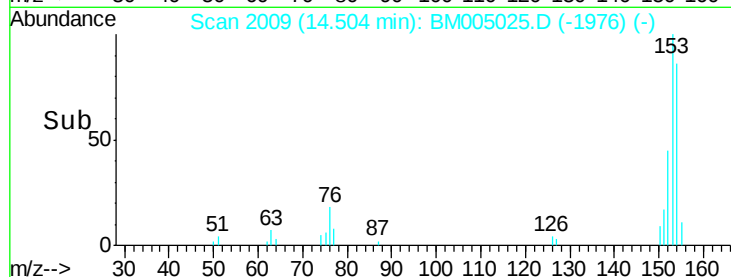
154 86.3 71.4 107.2



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: 2.55 ng/ul

RT: 14.84 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BM005025.D

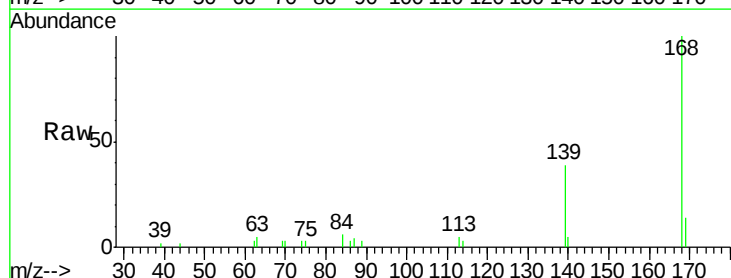
Acq: 21 Apr 2016 15:36

Tgt Ion:168 Resp: 21213

Ion Ratio Lower Upper

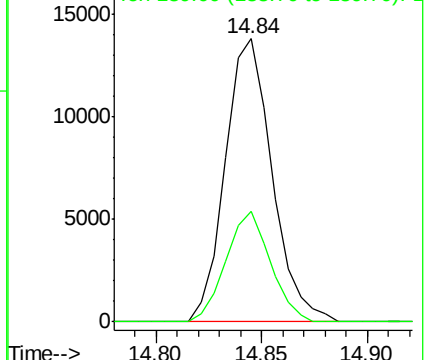
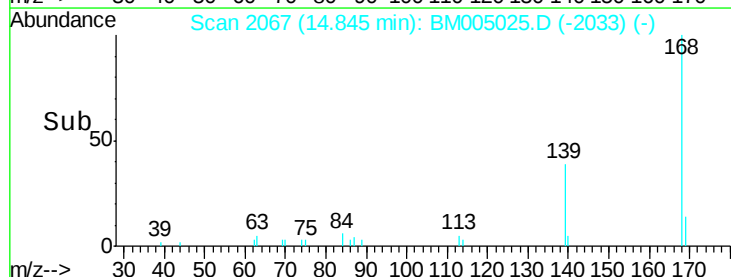
168 100

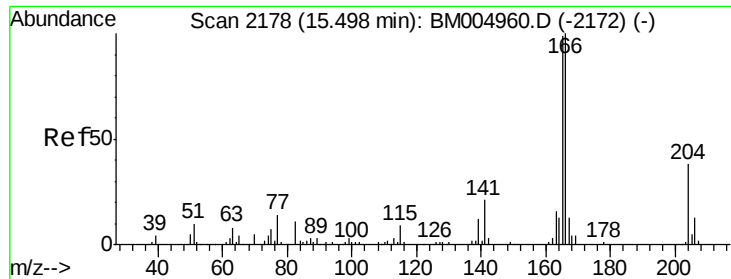
139 39.2 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.18 ng/ul

RT: 15.49 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BM005025.D

Acq: 21 Apr 2016 15:36

Instrument :

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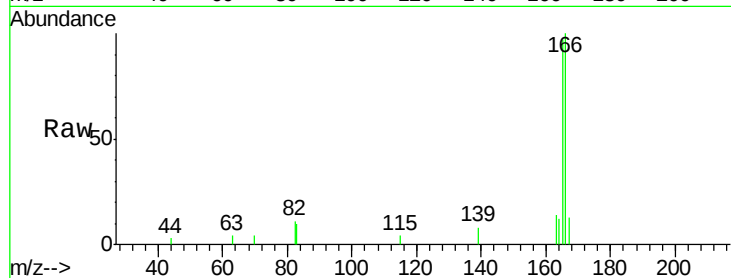
Tgt Ion:166 Resp: 13939

Ion Ratio Lower Upper

166 100

165 97.1 77.7 116.5

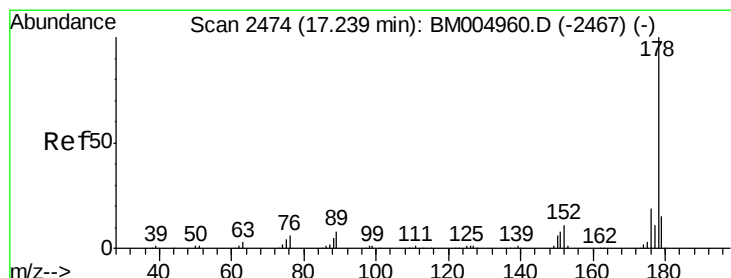
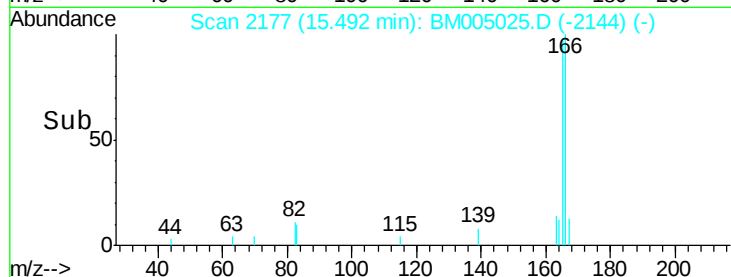
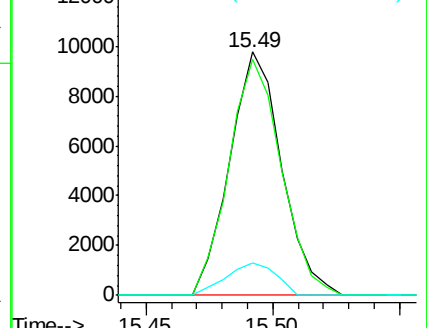
167 13.3 10.9 16.3



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: 2.59 ng/ul

RT: 17.23 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BM005025.D

Acq: 21 Apr 2016 15:36

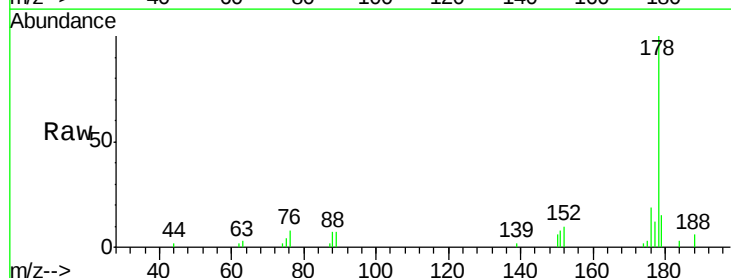
Tgt Ion:178 Resp: 27127

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

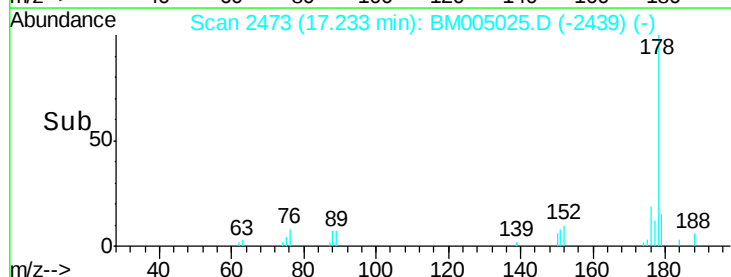
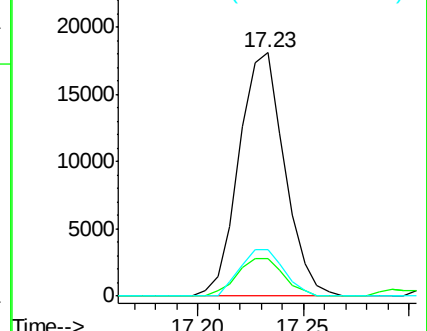
176 19.2 15.2 22.8

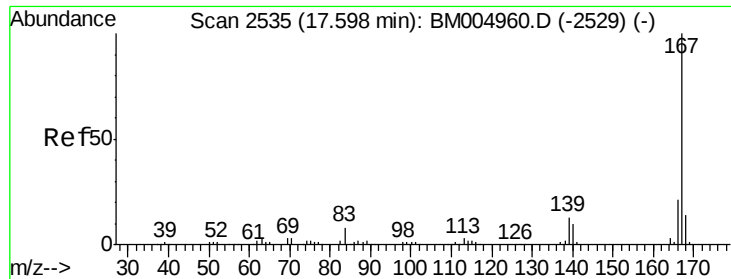


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 2.83 ng/ul

RT: 17.59 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BM005025.D

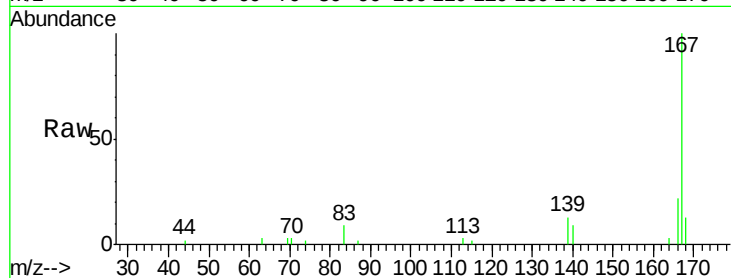
Acq: 21 Apr 2016 15:36

Instrument :

BNA_M

ClientSampleId :

BC7L9DL2



Tgt Ion:	167	Resp:	25316
Ion	Ratio	Lower	Upper
167	100		
166	22.5	16.6	25.0
139	12.7	10.2	15.4

