

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
 Data File : BM021563.D
 Acq On : 19 Jul 2019 18:23
 Operator : HP/JU
 Sample : K3822-10DL2 100X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4B1DL2

Quant Time: Jul 19 19:14:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 19 00:39:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	128238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	486090	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.36	164	269105	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	639092	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	644506	20.00	ng/ul	-0.01
85) Perylene-d12	23.55	264	755939	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.06	67	2042	0.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	2154	0.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	169	0.02	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	572	0.14	ng/ul	0.01
22) 2-Nitrophenol-d4	9.60	143	666	0.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	1589	0.18	ng/ul	0.06
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.80	166	7780	0.33	ng/ul	0.02
46) Acenaphthylene-d8	14.05	160	9229	0.31	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.36	176	8760	0.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.22	188	11402	0.34	ng/ul	0.00
78) Pyrene-d10	19.52	212	12453	0.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	14953	0.34	ng/ul	-0.01

Target Compounds

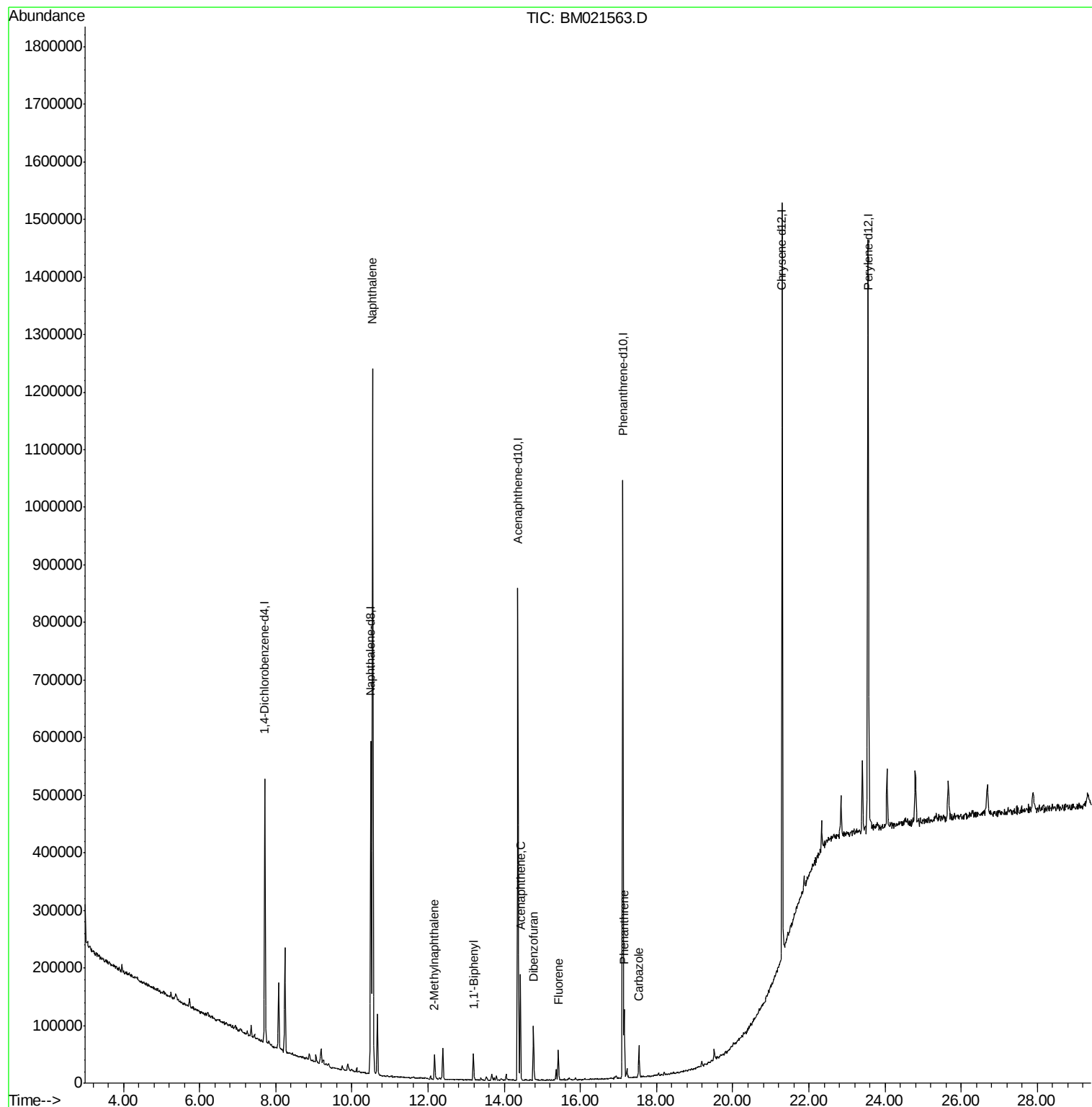
					Ovalue
28) Naphthalene	10.55	128	997121	39.416	ng/ul 100
34) 2-Methylnaphthalene	12.17	142	24169	1.296	ng/ul 92
40) 1,1'-Biphenyl	13.19	154	29724	1.320	ng/ul 96
49) Acenaphthene	14.42	153	71269	3.810	ng/ul 96
53) Dibenzofuran	14.77	168	69310	2.558	ng/ul 98
58) Fluorene	15.42	166	26761	1.221	ng/ul 99
69) Phenanthrene	17.15	178	74990	2.081	ng/ul 98
74) Carbazole	17.53	167	41899	1.376	ng/ul 98

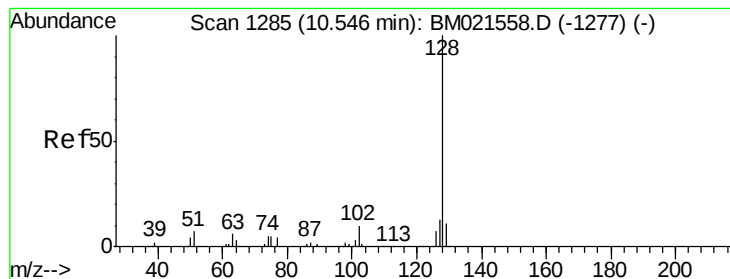
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#28

Naphthalene

Concen: 39.416 ng/ul

RT: 10.55 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BM021563.D

Acq: 19 Jul 2019 18:23

Instrument :

BNA_M

ClientSampleId :

BF4B1DL2

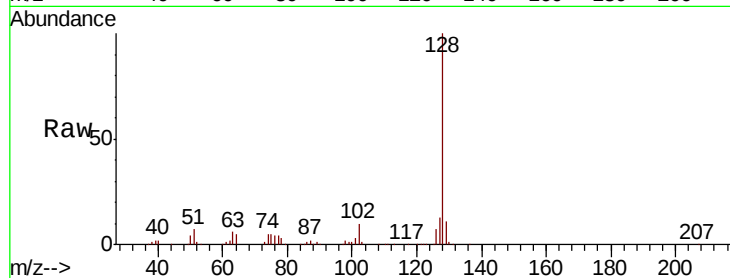
Tot Ion:128 Resp: 997121

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.2	10.6	16.0

128 100

129 10.8 8.7 13.1

127 13.2 10.6 16.0

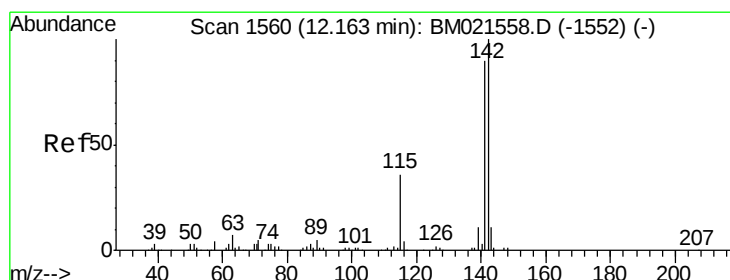
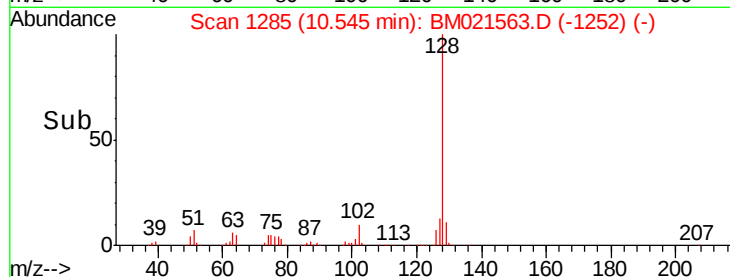
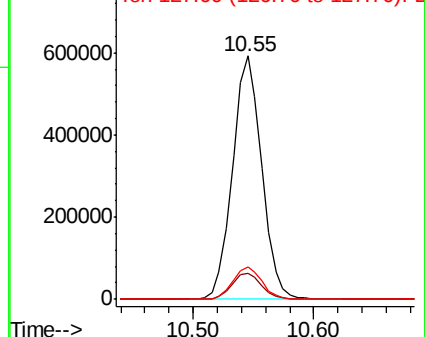


Abundance

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: 1.296 ng/ul

RT: 12.17 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BM021563.D

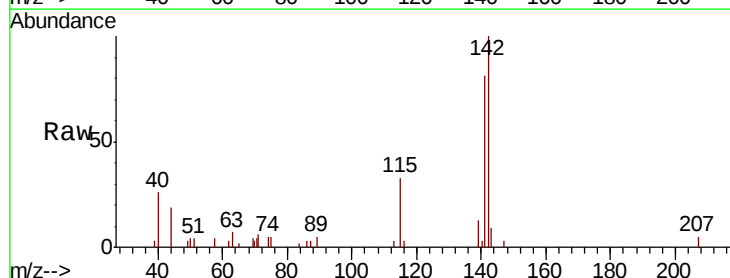
Acq: 19 Jul 2019 18:23

Tgt Ion:142 Resp: 24169

Ion	Ratio	Lower	Upper
142	100		
141	81.1	71.1	106.7

142 100

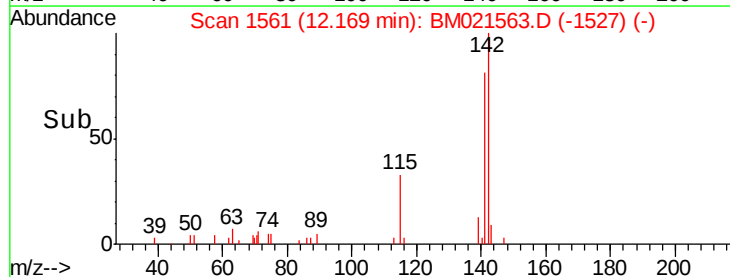
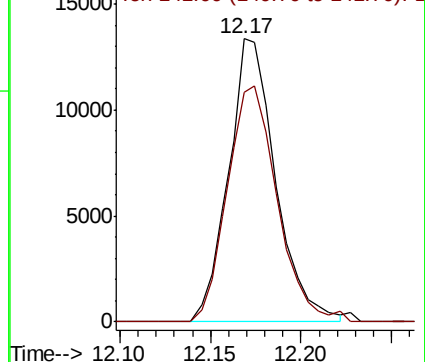
141 81.1 71.1 106.7

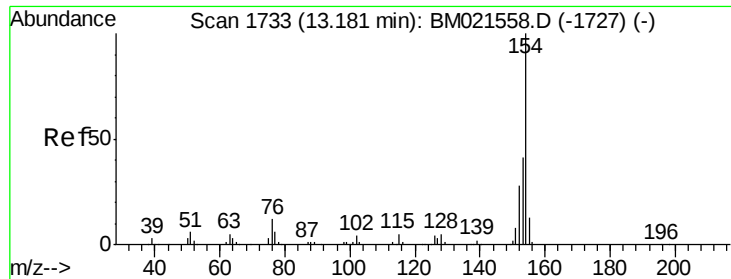


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

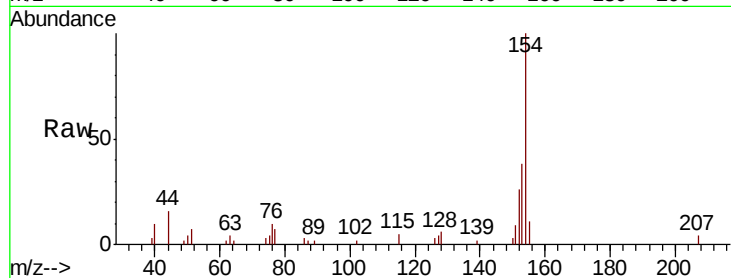




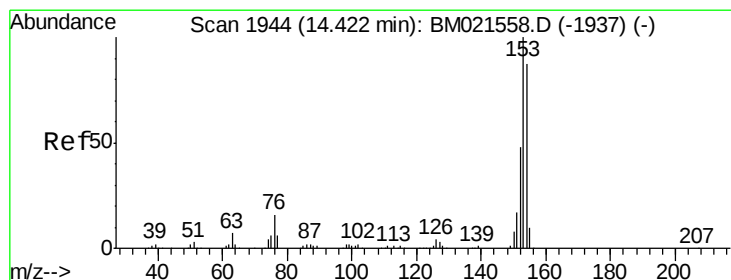
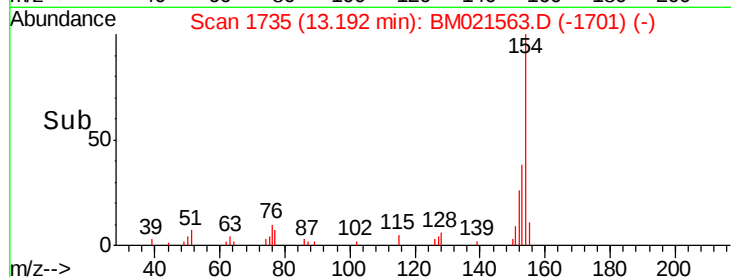
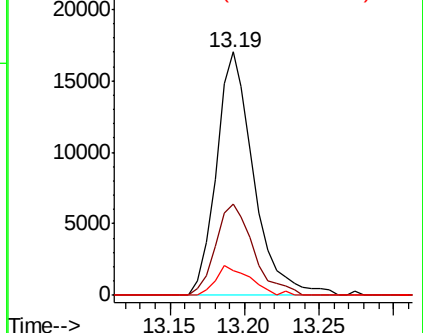
#40
 1,1'-Biphenyl
 Concen: 1.320 ng/ul
 RT: 13.19 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BM021563.D
 Acq: 19 Jul 2019 18:23

Instrument :
 BNA_M
 ClientSampleId :
 BF4B1DL2

Tot Ion:154 Resp: 29724
 Ion Ratio Lower Upper
 154 100
 153 37.7 32.7 49.1
 76 10.3 8.5 12.7

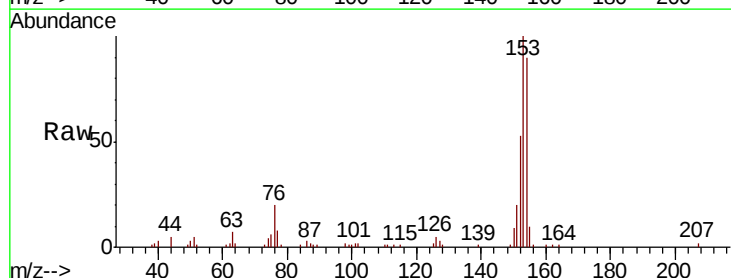


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

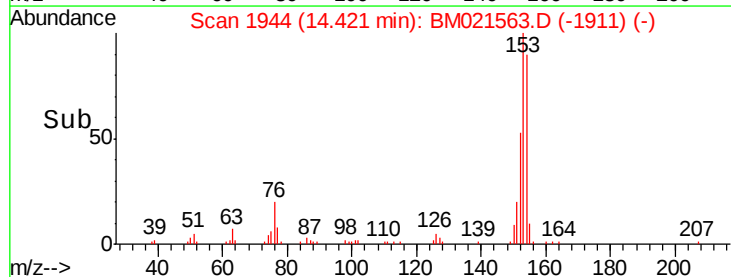
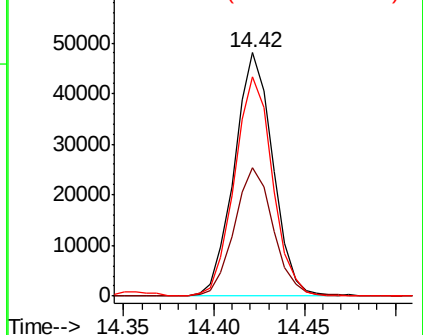


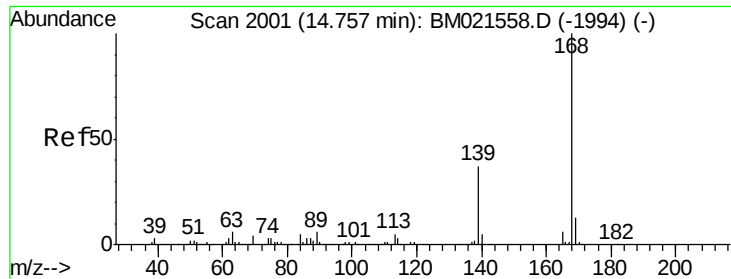
#49
 Acenaphthene
 Concen: 3.810 ng/ul
 RT: 14.42 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BM021563.D
 Acq: 19 Jul 2019 18:23

Tgt Ion:153 Resp: 71269
 Ion Ratio Lower Upper
 153 100
 152 52.9 38.2 57.4
 154 90.1 70.0 105.0



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: 2.558 ng/ul

RT: 14.77 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BM021563.D

Acq: 19 Jul 2019 18:23

Instrument :

BNA_M

ClientSampleId :

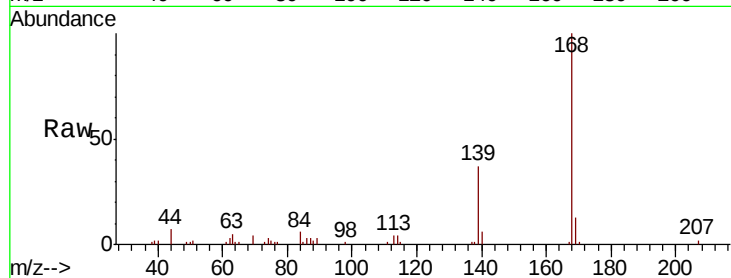
BF4B1DL2

Tot Ion:168 Resp: 69310

Ion Ratio Lower Upper

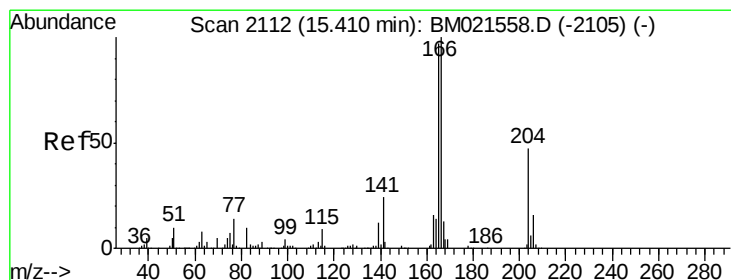
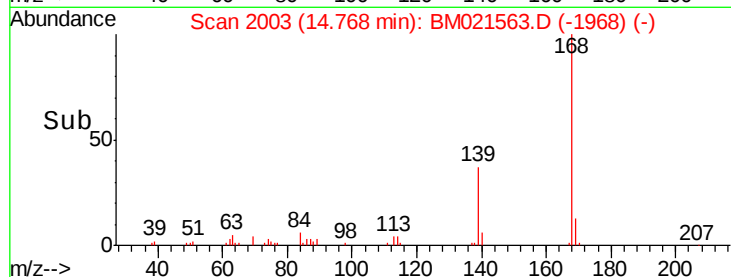
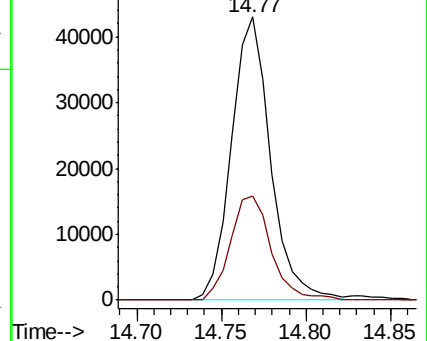
168 100

139 37.0 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 1.221 ng/ul

RT: 15.42 min Scan# 2113

Delta R.T. -0.00 min

Lab File: BM021563.D

Acq: 19 Jul 2019 18:23

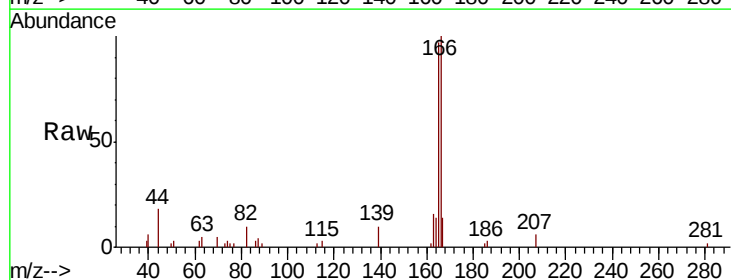
Tgt Ion:166 Resp: 26761

Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

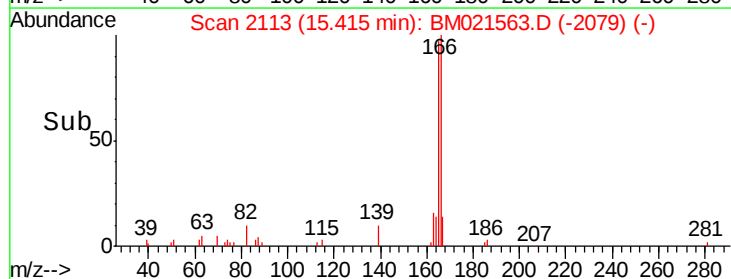
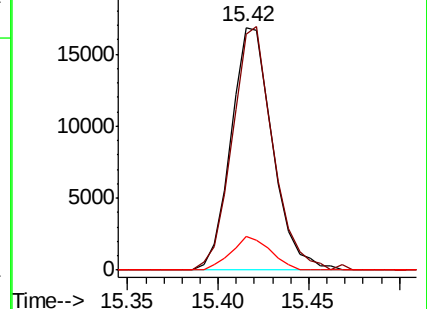
167 14.1 10.7 16.1

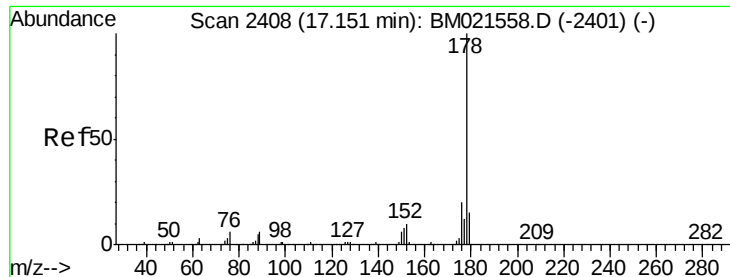


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 2.081 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BM021563.D

Acq: 19 Jul 2019 18:23

Instrument :

BNA_M

ClientSampleId :

BF4B1DL2

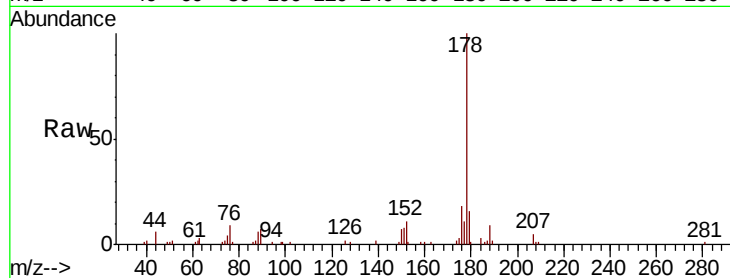
Tot Ion:178 Resp: 74990

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

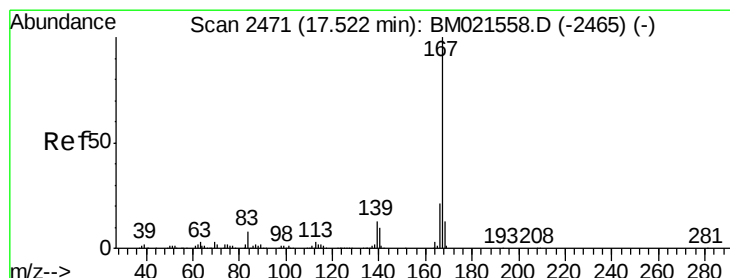
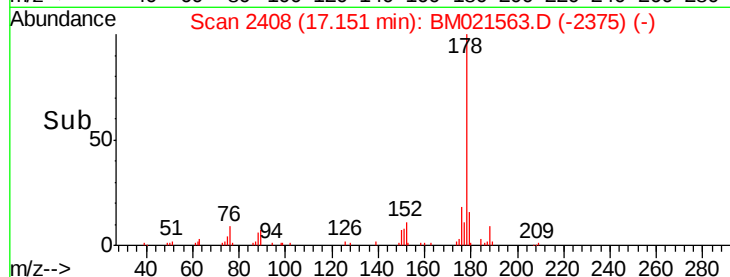
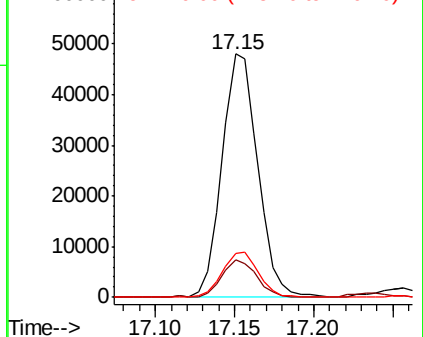
176 18.2 15.4 23.0



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



#74

Carbazole

Concen: 1.376 ng/ul

RT: 17.53 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BM021563.D

Acq: 19 Jul 2019 18:23

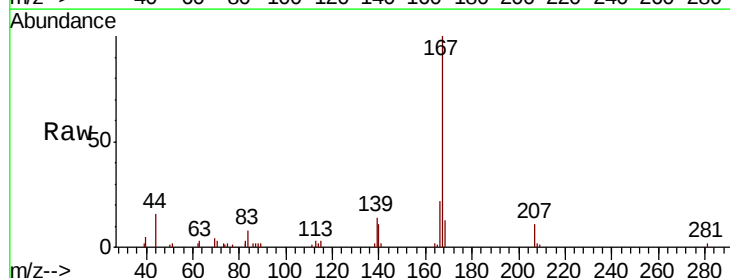
Tgt Ion:167 Resp: 41899

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

139 13.6 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

