

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022370.D
 Acq On : 27 Aug 2019 17:12
 Operator : HP/JU
 Sample : K4373-11DL2 100X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 28 02:28:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 17:04:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	26692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	124098	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	88703	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	205429	20.00	ng/ul	-0.01
77) Chrysene-d12	21.17	240	165906	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	171418	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	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
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	13.64	166	2089	0.27	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	2083	0.25	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.20	176	2157	0.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.07	188	4895	0.45	ng/ul	0.00
78) Pyrene-d10	19.37	212	3754	0.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	2685	0.29	ng/ul	0.00

Target Compounds

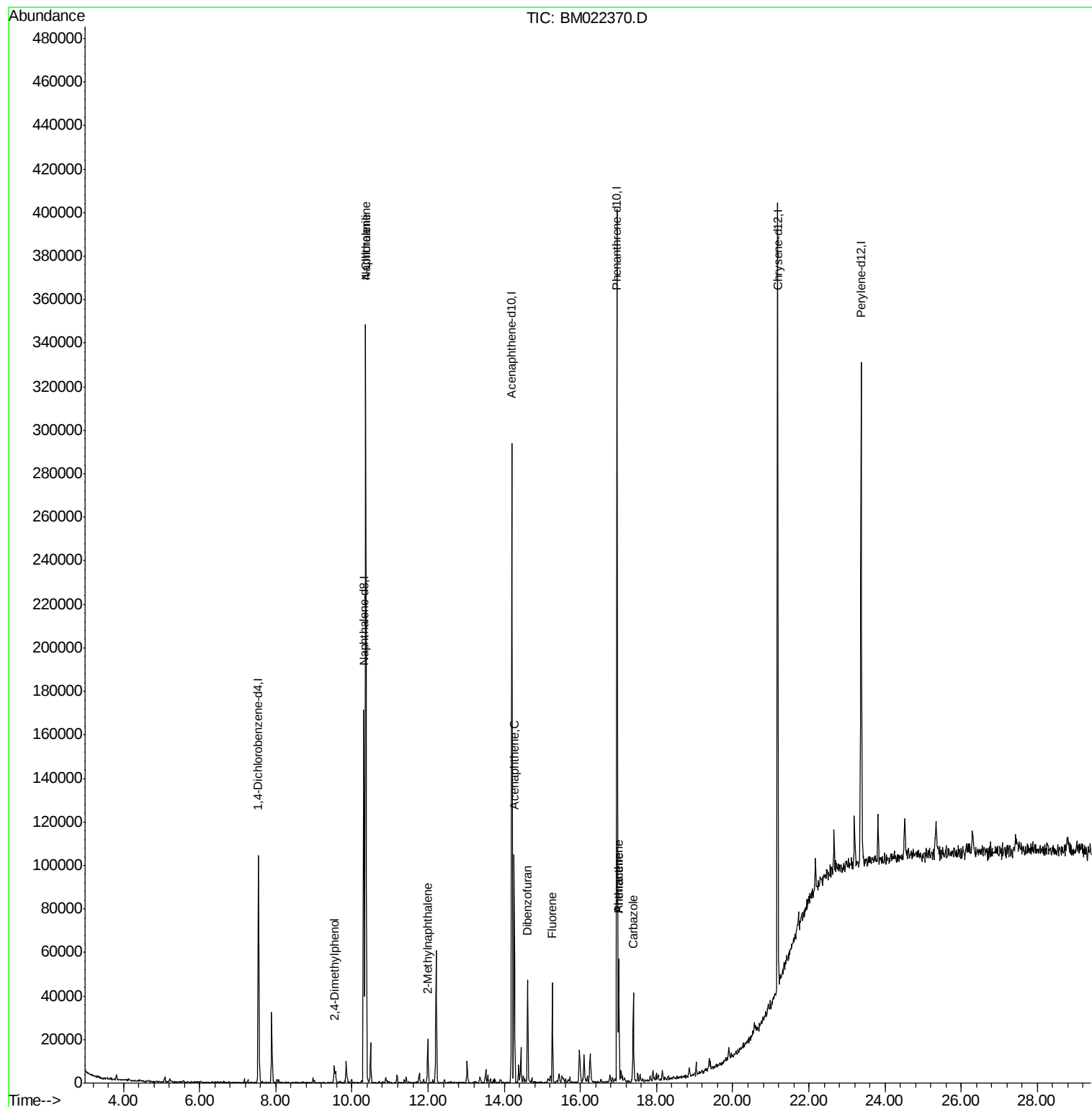
				Ovalue	
24) 2,4-Dimethylphenol	9.54	107	3730	1.345	ng/ul 92
28) Naphthalene	10.36	128	246758	36.031	ng/ul 100
30) 4-Chloroaniline	10.36	127	32135	11.579	ng/ul# 6
34) 2-Methylnaphthalene	11.99	142	10191	1.931	ng/ul 99
49) Acenaphthene	14.26	153	40140	6.480	ng/ul 98
53) Dibenzofuran	14.61	168	29268	3.172	ng/ul 97
58) Fluorene	15.26	166	20437	2.630	ng/ul 95
69) Phenanthrene	17.01	178	32050	2.608	ng/ul 99
71) Anthracene	17.01	178	32050	2.506	ng/ul 99
74) Carbazole	17.39	167	26040	2.254	ng/ul 95

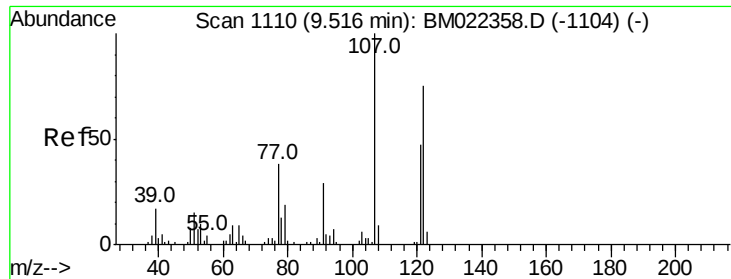
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022370.D
Acq On : 27 Aug 2019 17:12
Operator : HP/JU
Sample : K4373-11DL2 100X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 28 02:28:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 17:04:34 2019
Response via : Initial Calibration

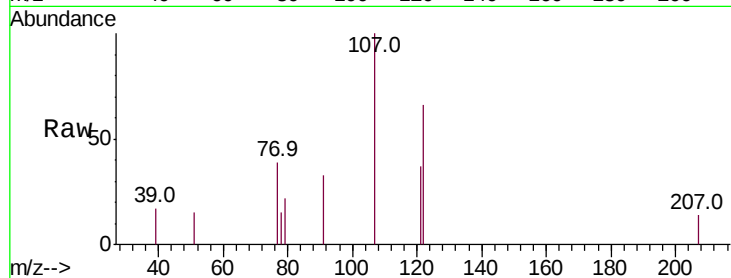




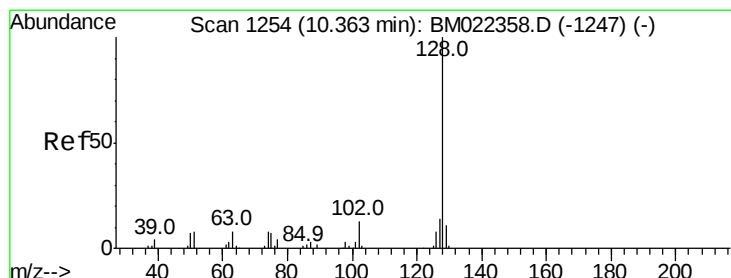
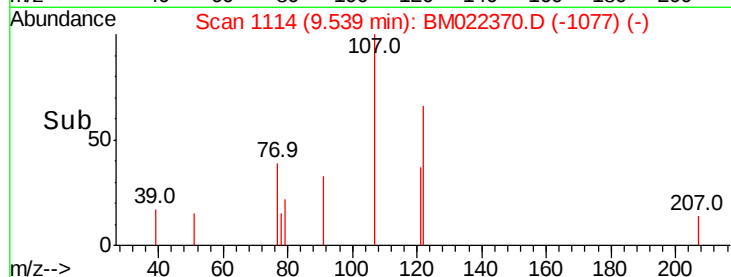
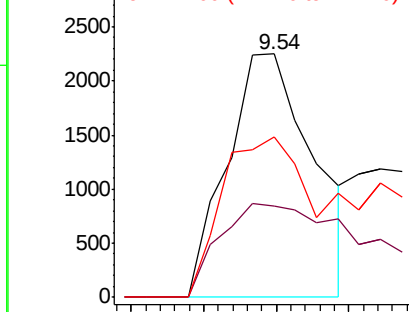
#24
 2,4-Dimethylphenol
 Concen: 1.345 ng/ul
 RT: 9.54 min Scan# 1114
 Delta R.T. 0.02 min
 Lab File: BM022370.D
 Acq: 27 Aug 2019 17:12

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:107 Resp: 3730
 Ion Ratio Lower Upper
 107 100
 121 37.5 33.6 50.4
 122 66.0 58.0 87.0

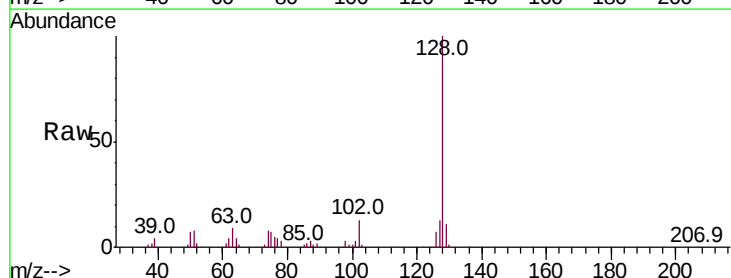


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

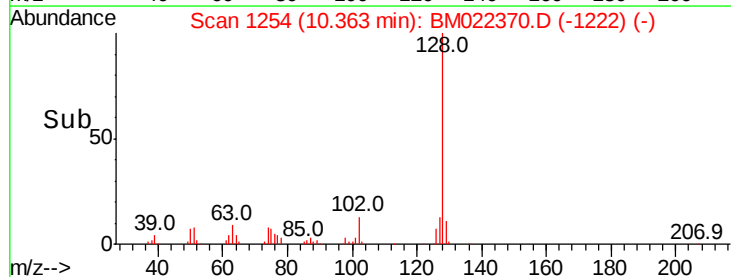
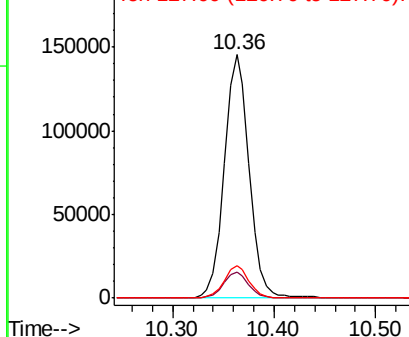


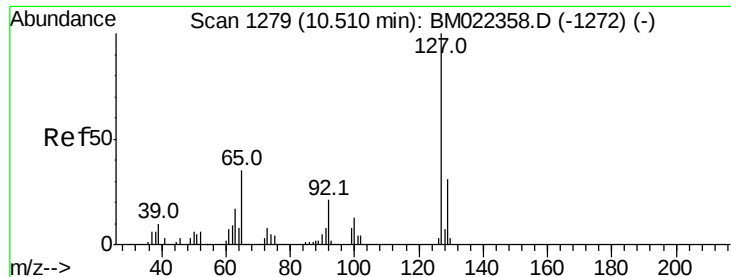
#28
 Naphthalene
 Concen: 36.031 ng/ul
 RT: 10.36 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BM022370.D
 Acq: 27 Aug 2019 17:12

Tgt Ion:128 Resp: 246758
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 13.0
 127 13.2 10.4 15.6



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





#30

4-Chloroaniline

Concen: 11.579 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. -0.15 min

Lab File: BM022370.D

Acq: 27 Aug 2019 17:12

Instrument :

BNA_M

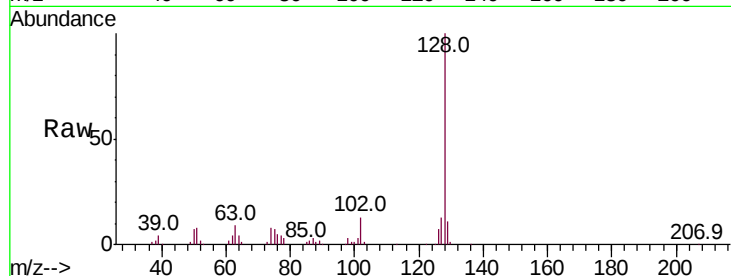
ClientSampleId :

Tot Ion:127 Resp: 32135

Ion Ratio Lower Upper

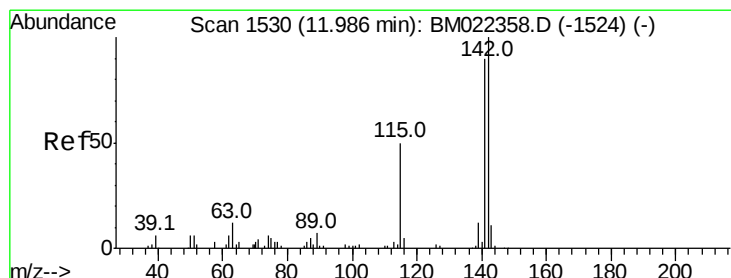
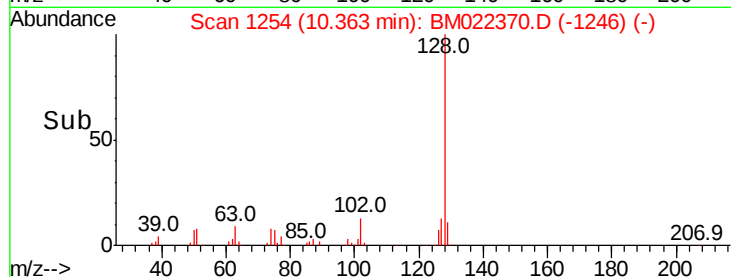
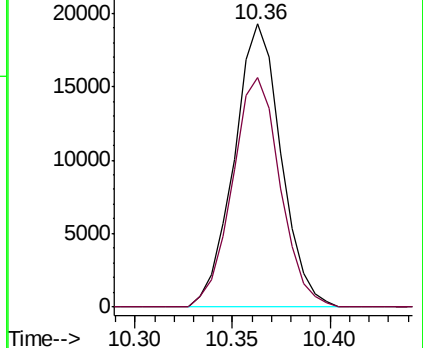
127 100

129 81.3 24.2 36.4#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#34

2-Methylnaphthalene

Concen: 1.931 ng/ul

RT: 11.99 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BM022370.D

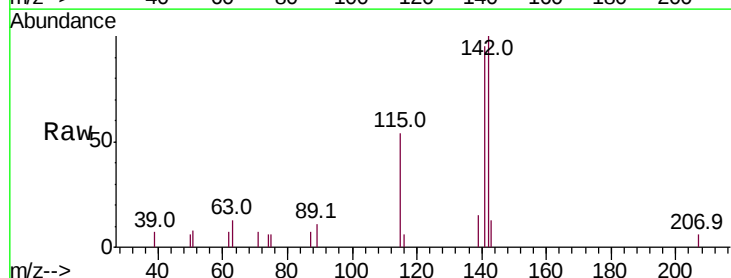
Acq: 27 Aug 2019 17:12

Tgt Ion:142 Resp: 10191

Ion Ratio Lower Upper

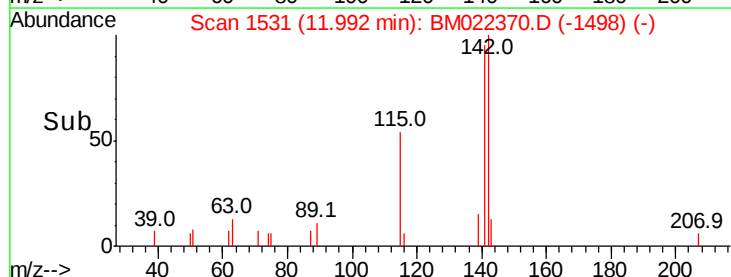
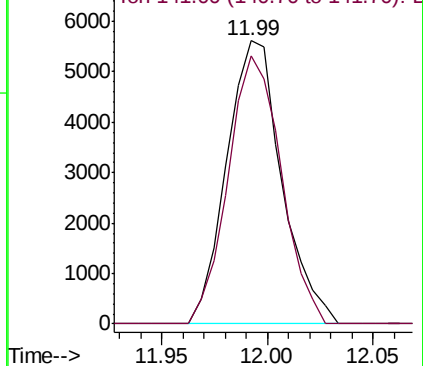
142 100

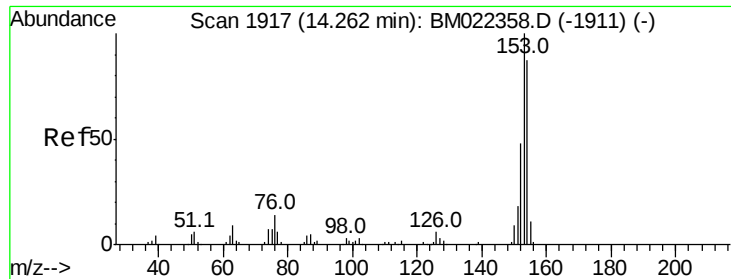
141 94.8 75.1 112.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#49

Acenaphthene

Concen: 6.480 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM022370.D

Acq: 27 Aug 2019 17:12

Instrument :

BNA_M

ClientSampleId :

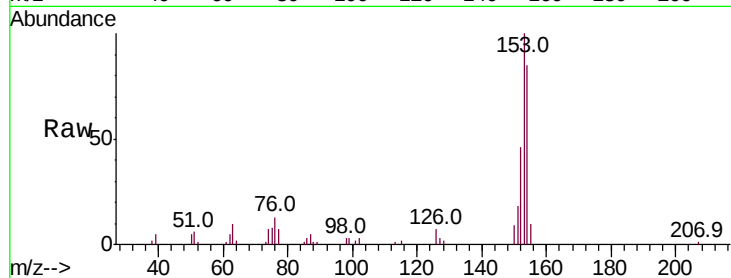
Tot Ion:153 Resp: 40140

Ion Ratio Lower Upper

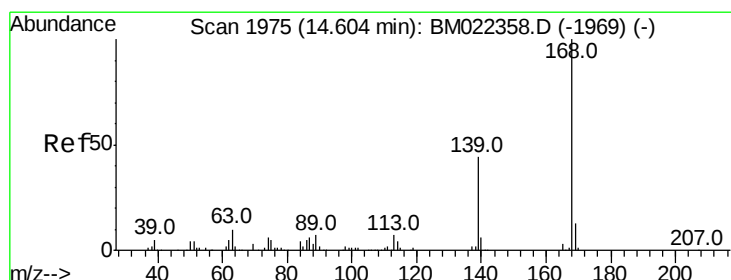
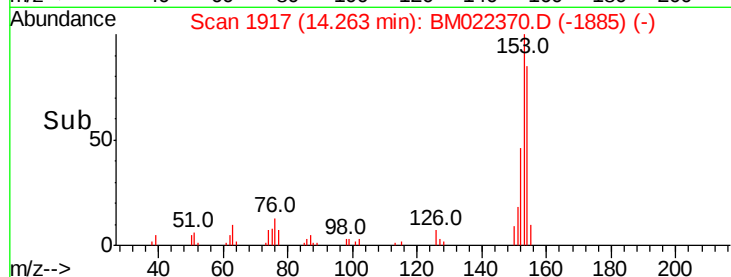
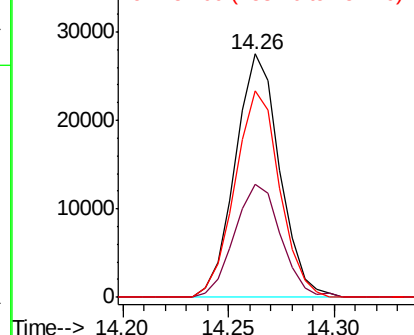
153 100

152 46.4 38.6 58.0

154 84.6 68.9 103.3



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: 3.172 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM022370.D

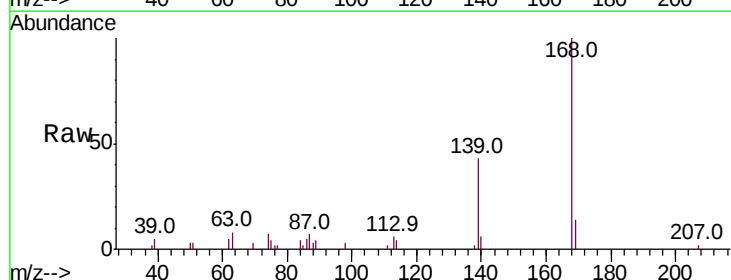
Acq: 27 Aug 2019 17:12

Tgt Ion:168 Resp: 29268

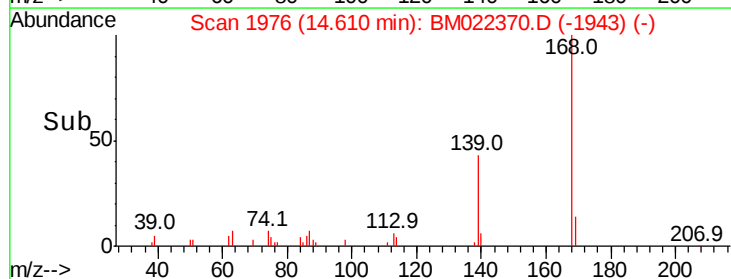
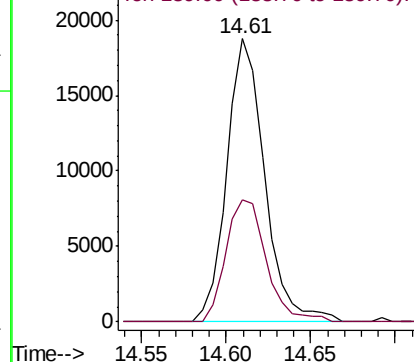
Ion Ratio Lower Upper

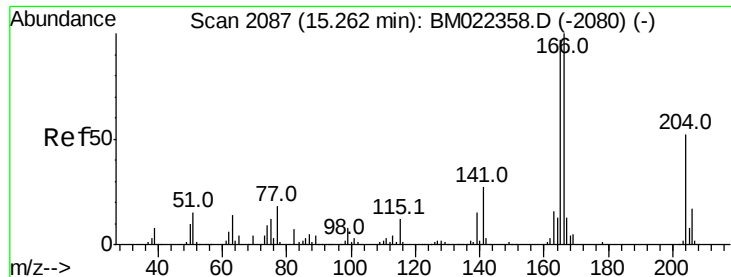
168 100

139 43.3 36.2 54.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.630 ng/ul

RT: 15.26 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BM022370.D

Acq: 27 Aug 2019 17:12

Instrument :

BNA_M

ClientSampleId :

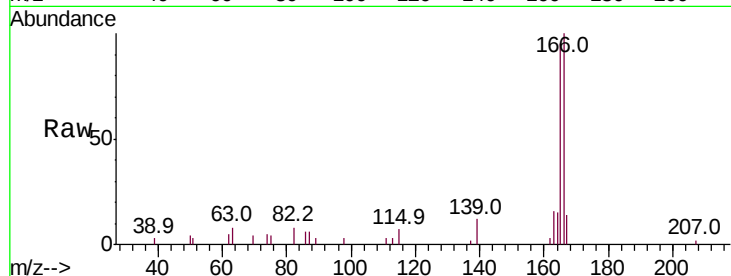
Tot Ion:166 Resp: 20437

Ion Ratio Lower Upper

166 100

165 94.6 80.2 120.2

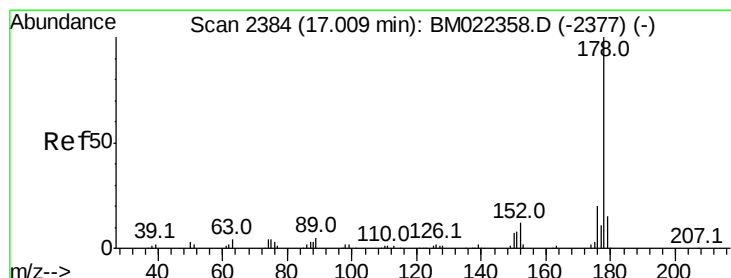
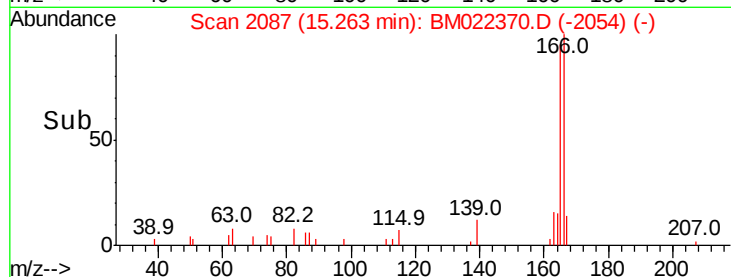
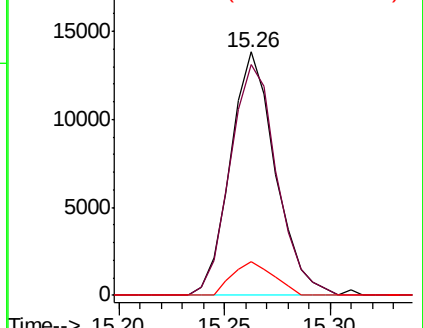
167 13.9 11.4 17.0



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: 2.608 ng/ul

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM022370.D

Acq: 27 Aug 2019 17:12

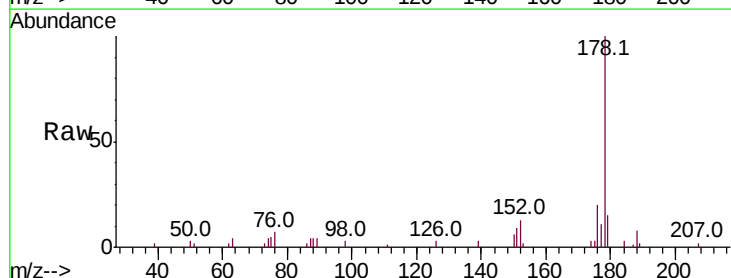
Tgt Ion:178 Resp: 32050

Ion Ratio Lower Upper

178 100

179 14.7 12.4 18.6

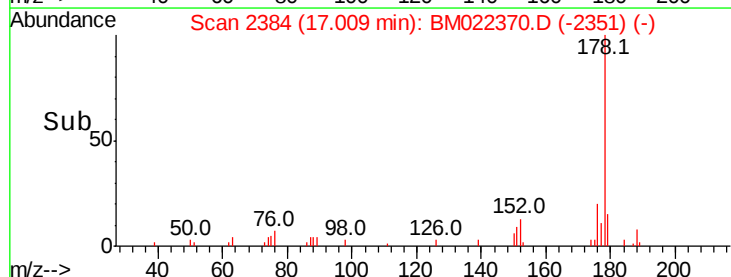
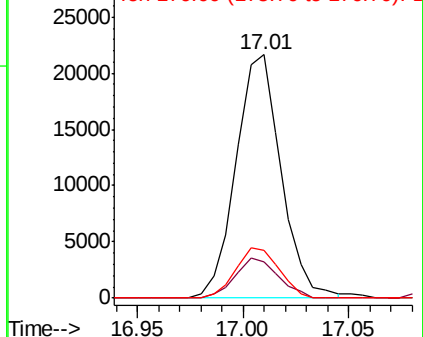
176 19.6 15.4 23.0

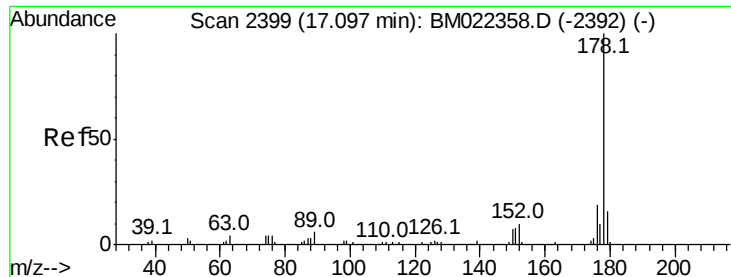


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

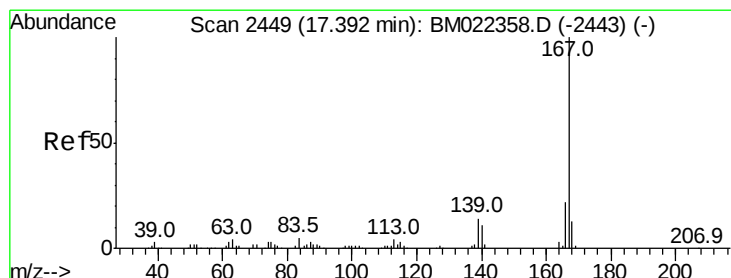
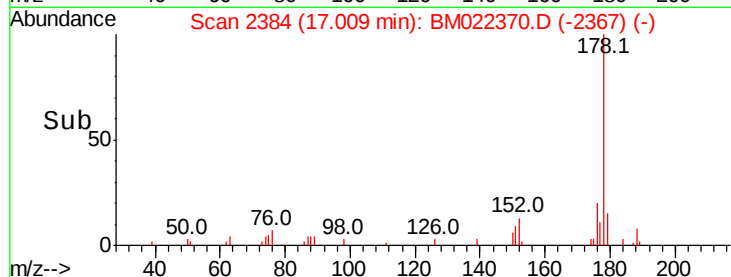
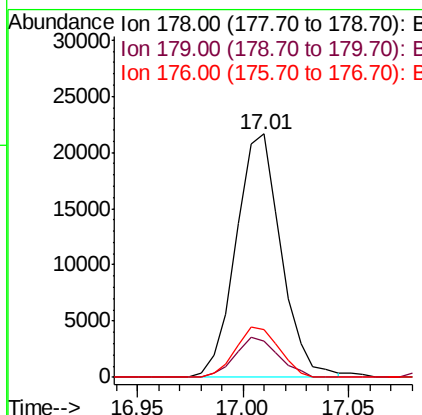
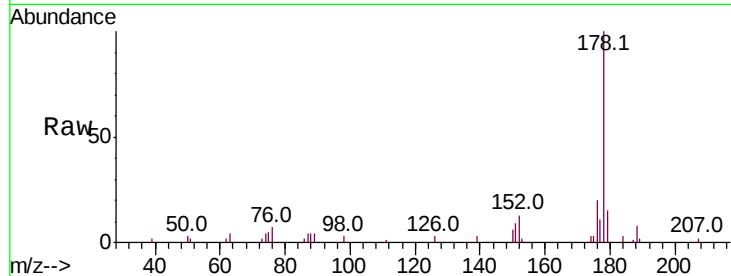




#71
 Anthracene
 Concen: 2.506 ng/ul
 RT: 17.01 min Scan# 2384
 Delta R.T. -0.10 min
 Lab File: BM022370.D
 Acq: 27 Aug 2019 17:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 32050
 Ion Ratio Lower Upper
 178 100
 179 14.7 12.3 18.5
 176 19.6 15.5 23.3



#74
 Carbazole
 Concen: 2.254 ng/ul
 RT: 17.39 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM022370.D
 Acq: 27 Aug 2019 17:12

Tgt Ion:167 Resp: 26040
 Ion Ratio Lower Upper
 167 100
 166 18.7 17.8 26.8
 139 14.6 11.8 17.8

