

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022362.D
 Acq On : 27 Aug 2019 11:18
 Operator : HP/JU
 Sample : K4414-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 17:08:22 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	7.54	152	35339	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	160140	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	114302	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	255537	20.00	ng/ul	-0.01
77) Chrysene-d12	21.18	240	204892	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	213664	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3675	4.65	ng/uL	0.00
5) Phenol-d5	6.75	99	17584	5.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	44471	25.07	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.08	132	52579	21.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	36008	13.62	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	32714	27.40	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.42	143	39853	28.68	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	73970	26.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	2256	0.66	ng/ul	0.03
43) Dimethylphthalate-d6	13.63	166	290398	28.85	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	305711	28.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	5096	3.42	ng/ul	0.05
57) Fluorene-d10	15.20	176	244968	29.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	41563	21.08	ng/ul	0.00
70) Anthracene-d10	17.06	188	438754	32.42	ng/ul	-0.01
78) Pyrene-d10	19.37	212	491055	46.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	392561	33.44	ng/ul	0.00

Target Compounds

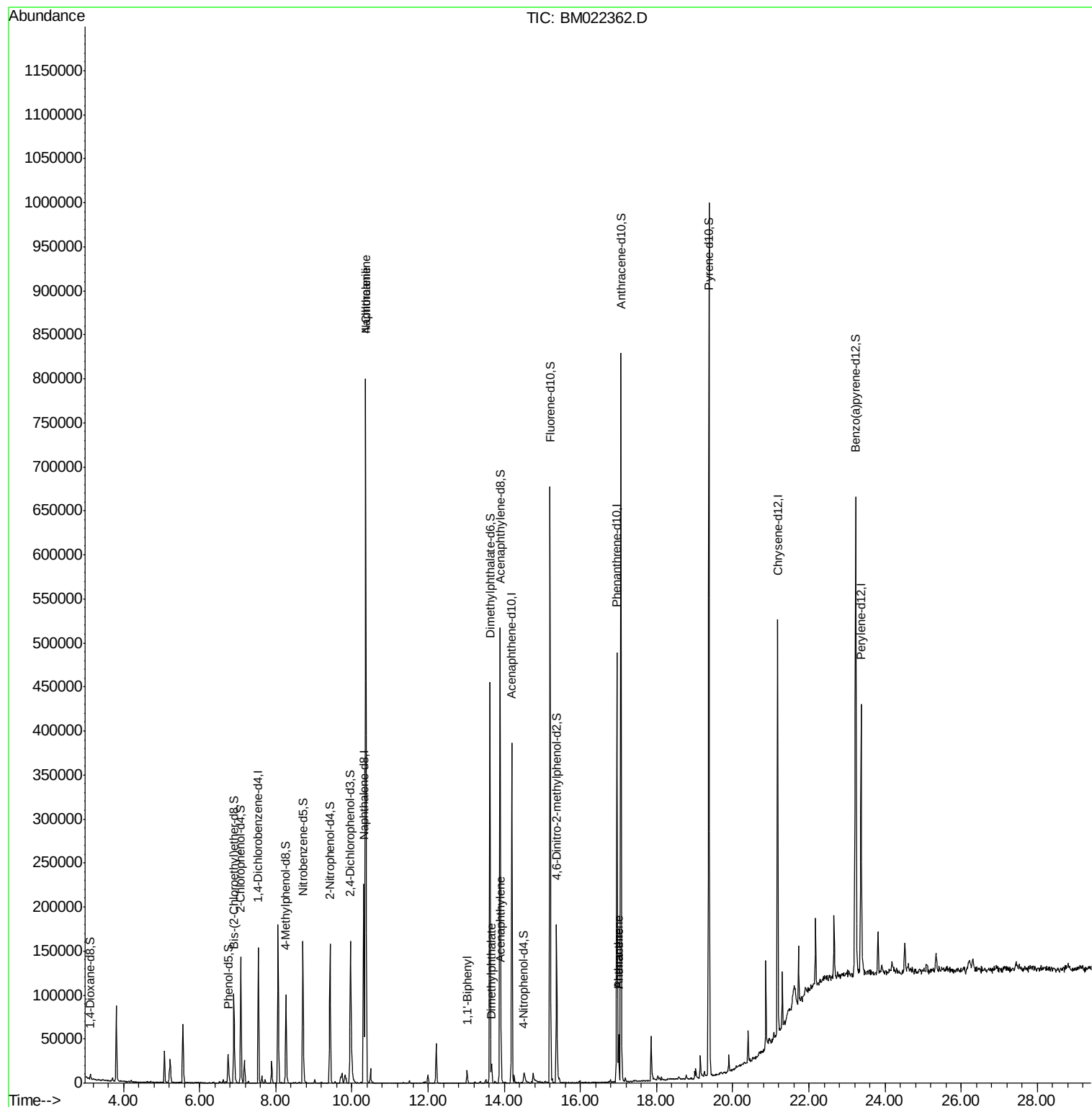
					Ovalue	
28) Naphthalene	10.36	128	545033	61.673	ng/ul	99
30) 4-Chloroaniline	10.36	127	72943	20.367	ng/ul#	10
40) 1,1'-Biphenyl	13.03	154	9698	1.043	ng/ul	97
44) Dimethylphthalate	13.67	163	11670	1.139	ng/ul#	97
47) Acenaphthylene	13.92	152	28798	2.561	ng/ul	96
69) Phenanthrene	17.00	178	31224	2.042	ng/ul	98
71) Anthracene	17.00	178	31224	1.963	ng/ul	98

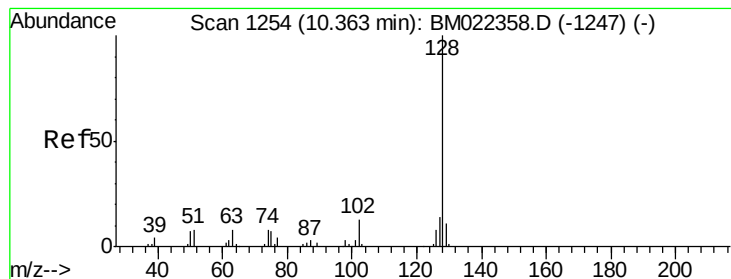
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 61.673 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BM022362.D

Acq: 27 Aug 2019 11:18

Instrument :

BNA_M

ClientSampleId :

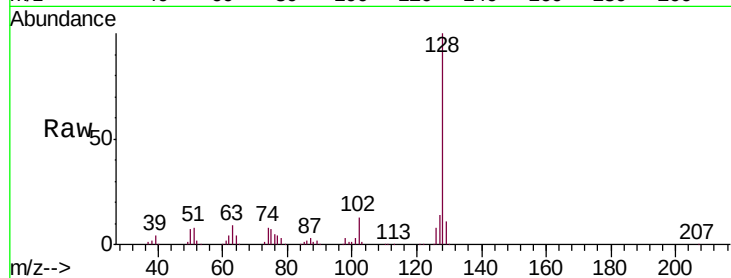
Tot Ion:128 Resp: 545033

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

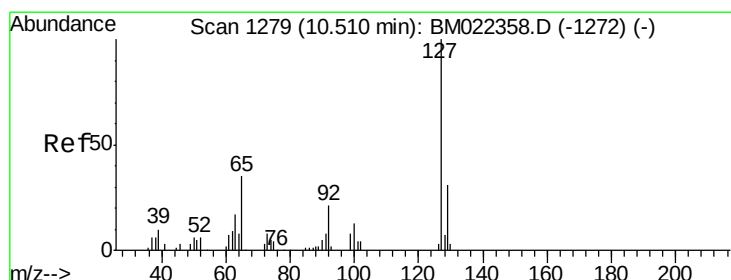
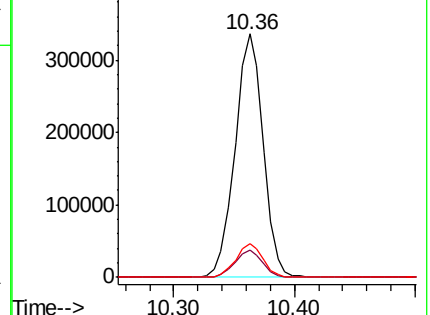
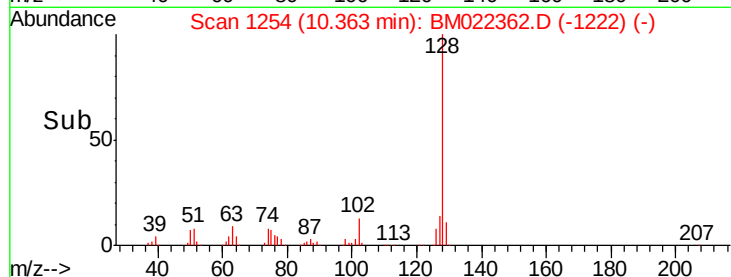
127 13.9 10.4 15.6



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: 20.367 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. -0.15 min

Lab File: BM022362.D

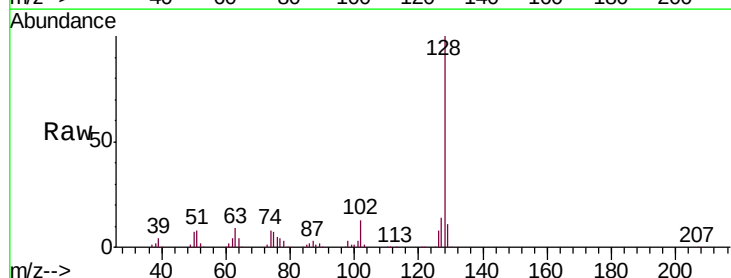
Acq: 27 Aug 2019 11:18

Tgt Ion:127 Resp: 72943

Ion Ratio Lower Upper

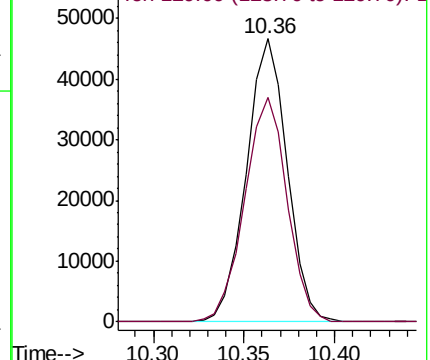
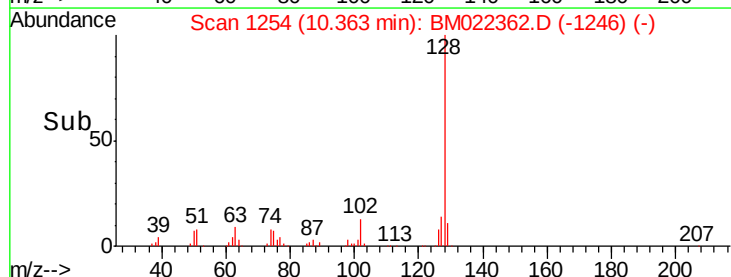
127 100

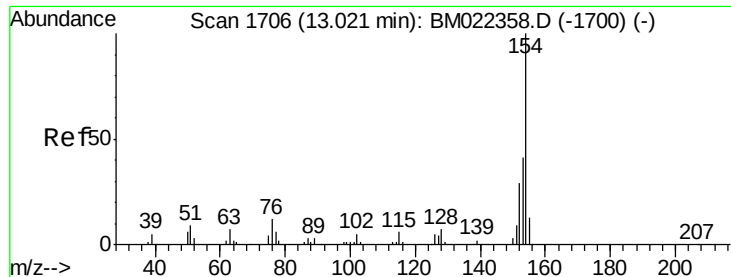
129 79.3 24.2 36.4#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

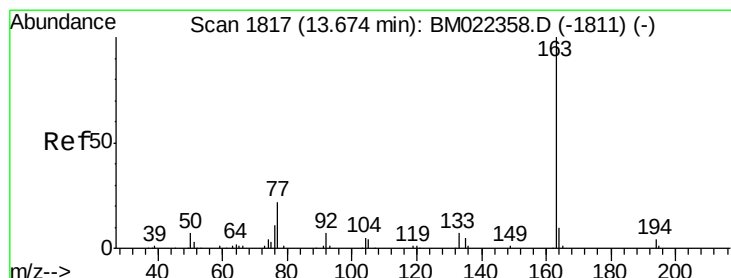
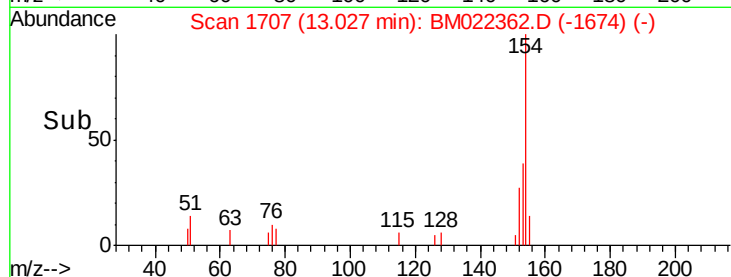
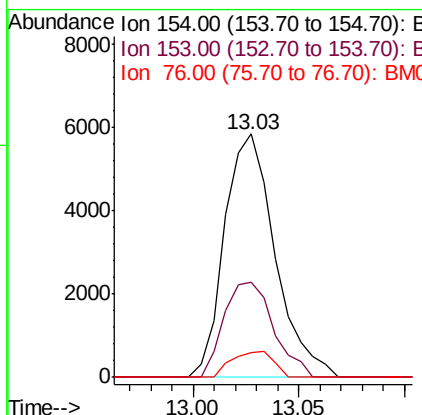
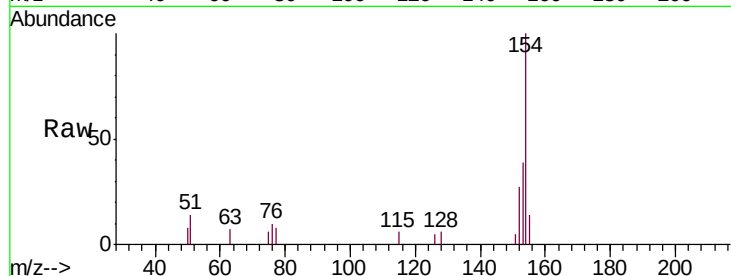




#40
 1,1'-Biphenyl
 Concen: 1.043 ng/ul
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BM022362.D
 Acq: 27 Aug 2019 11:18

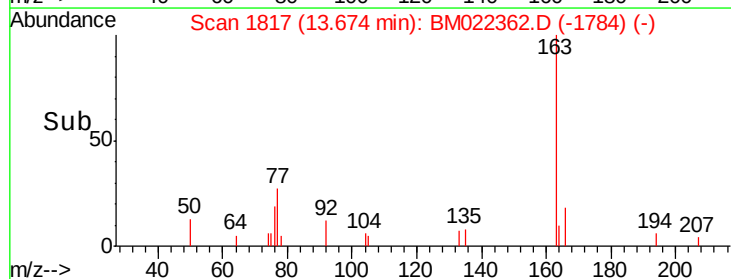
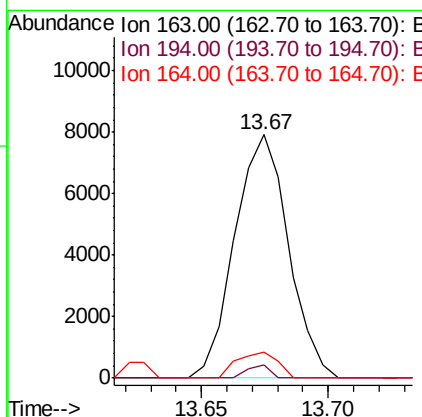
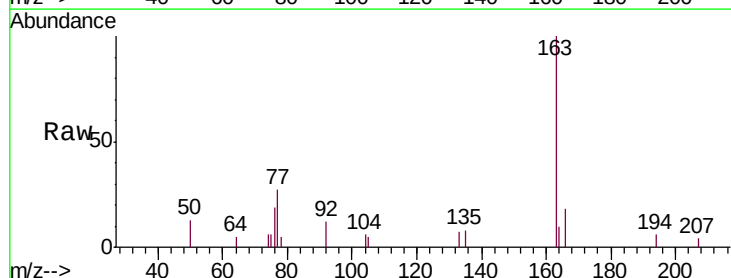
Instrument :
 BNA_M
 ClientSampleId :

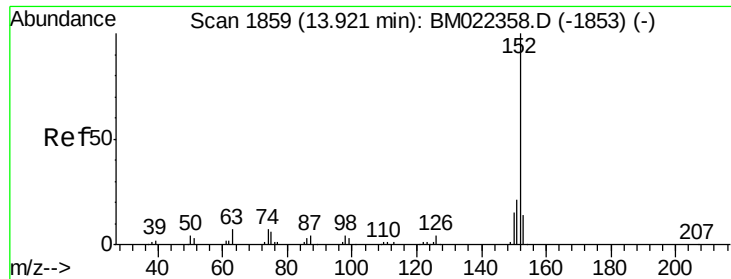
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	32.5	48.7
76	10.3	9.2	13.8



#44
 Dimethylphthalate
 Concen: 1.139 ng/ul
 RT: 13.67 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BM022362.D
 Acq: 27 Aug 2019 11:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.0	4.6#
164	10.4	7.8	11.8





#47

Acenaphthylene

Concen: 2.561 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM022362.D

Acq: 27 Aug 2019 11:18

Instrument :

BNA_M

ClientSampled :

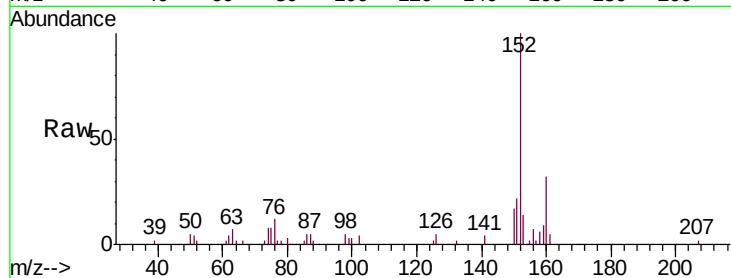
Tot Ion:152 Resp: 28798

Ion Ratio Lower Upper

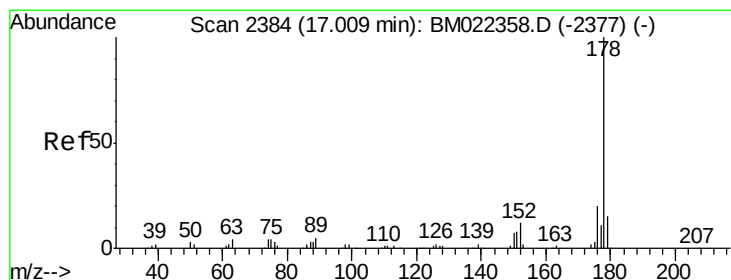
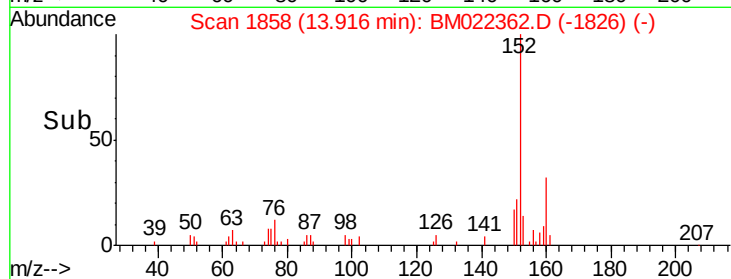
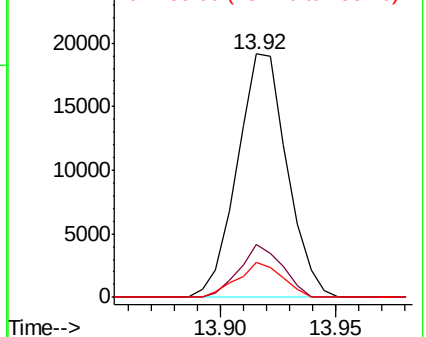
152 100

151 21.9 16.0 24.0

153 14.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 2.042 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022362.D

Acq: 27 Aug 2019 11:18

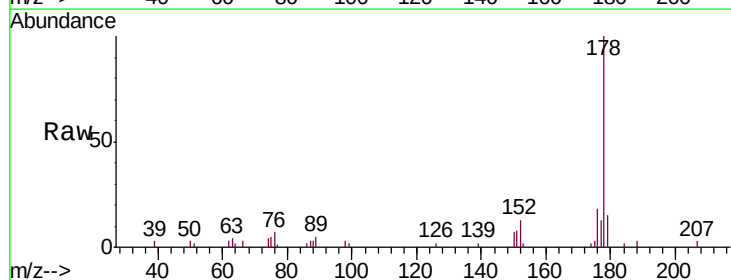
Tgt Ion:178 Resp: 31224

Ion Ratio Lower Upper

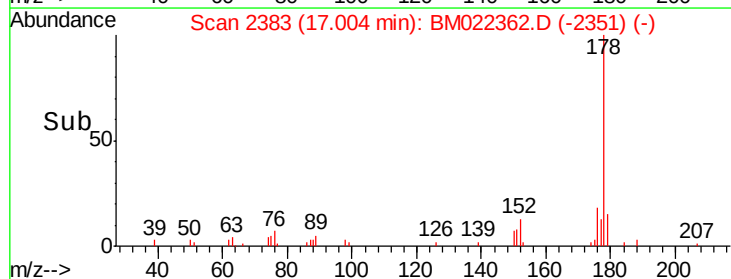
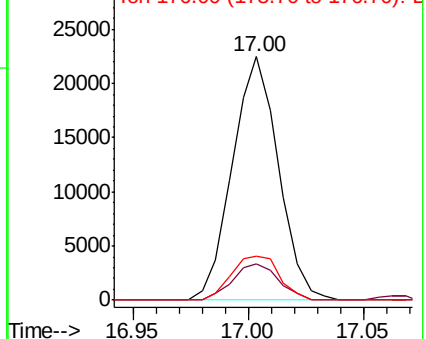
178 100

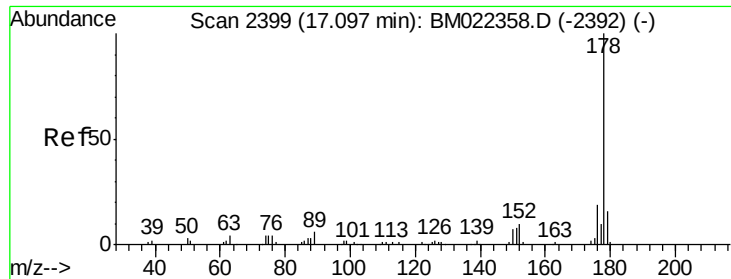
179 14.7 12.4 18.6

176 18.1 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

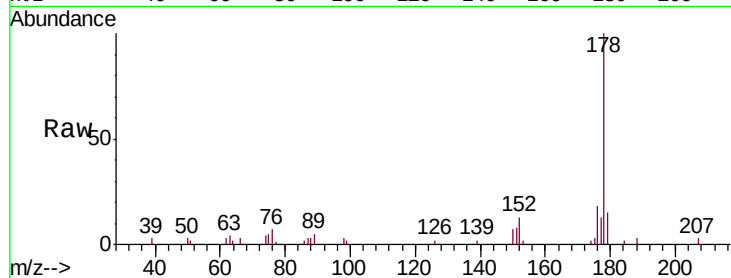




#71
 Anthracene
 Concen: 1.963 ng/ul
 RT: 17.00 min Scan# 2383
 Delta R.T. -0.11 min
 Lab File: BM022362.D
 Acq: 27 Aug 2019 11:18

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.1	15.5	23.3



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

