

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
 Data File : BM016958.D
 Acq On : 02 Oct 2018 13:16
 Operator : MJ/SJ
 Sample : J5126-07
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 01:15:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 02 20:15:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	316426	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1363484	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	725577	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1321318	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1116153	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1242437	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	149	0.02	ng/uL	-0.04
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	10.49	131	2080	0.08	ng/ul	-0.14
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.55	143	245	0.03	ng/ul	0.00
58) Fluorene-d10	15.34	176	4187	0.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	928	0.17	ng/ul	-0.03
71) Anthracene-d10	17.20	188	2131	0.03	ng/ul	0.00
79) Pyrene-d10	19.50	212	224	0.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	1232137	19.01	ng/ul	0.14

Target Compounds

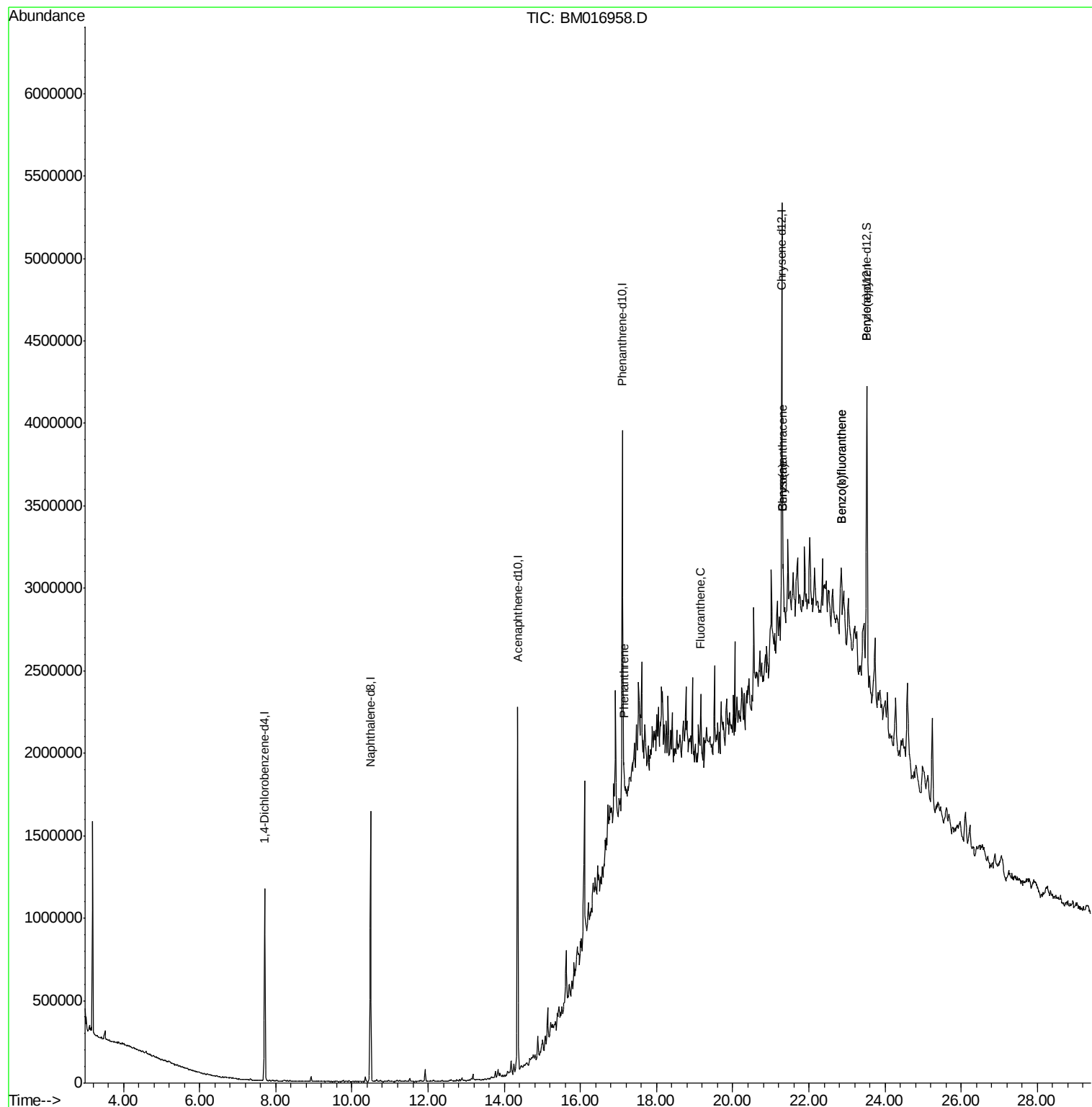
					Ovalue	
70) Phenanthrene	17.14	178	86766	1.182	ng/ul#	86
77) Fluoranthene	19.16	202	173722	2.065	ng/ul#	91
83) Benzo(a)anthracene	21.33	228	104916	1.518	ng/ul	93
85) Chrysene	21.33	228	105003	1.630	ng/ul	96
88) Benzo(b)fluoranthene	22.86	252	96264	1.294	ng/ul#	43
89) Benzo(k)fluoranthene	22.86	252	96264	1.348	ng/ul#	39

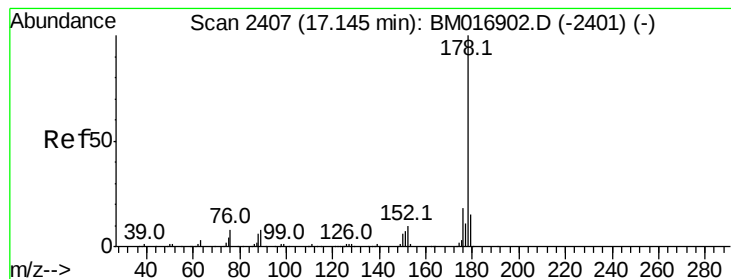
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#70

Phenanthrene

Concen: 1.182 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BM016958.D

Acq: 02 Oct 2018 13:16

Instrument :

BNA_M

ClientSampleId :

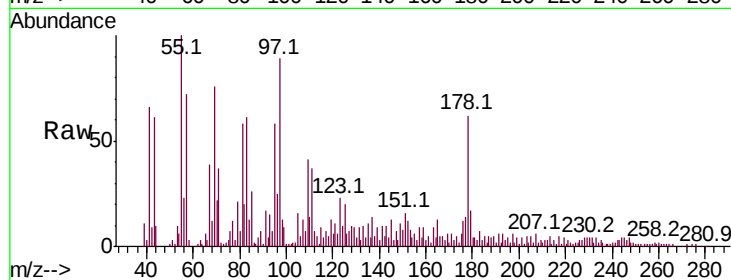
Tot Ion:178 Resp: 86766

Ion Ratio Lower Upper

178 100

179 27.9 12.3 18.5#

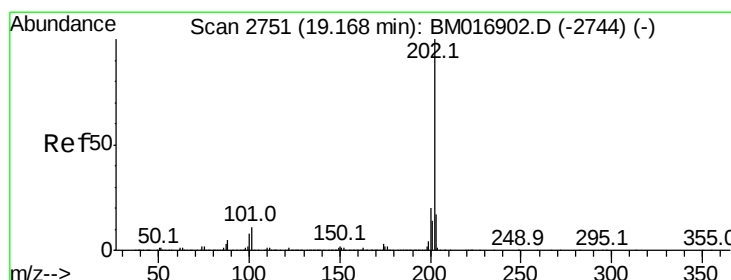
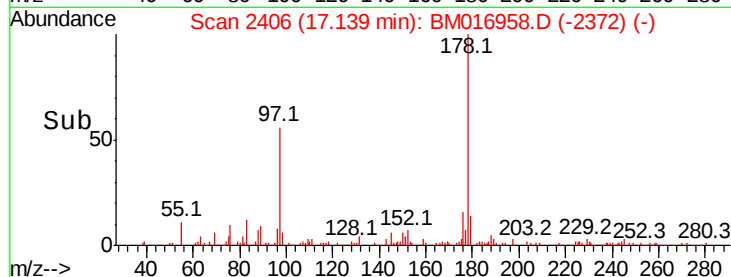
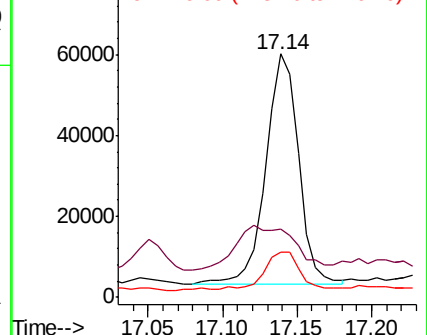
176 18.6 15.4 23.0



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



#77

Fluoranthene

Concen: 2.065 ng/ul

RT: 19.16 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BM016958.D

Acq: 02 Oct 2018 13:16

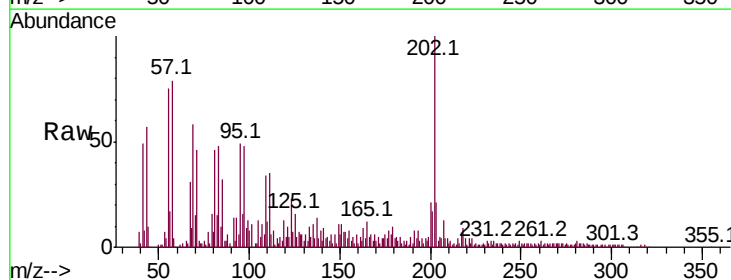
Tgt Ion:202 Resp: 173722

Ion Ratio Lower Upper

202 100

101 11.5 6.1 9.1#

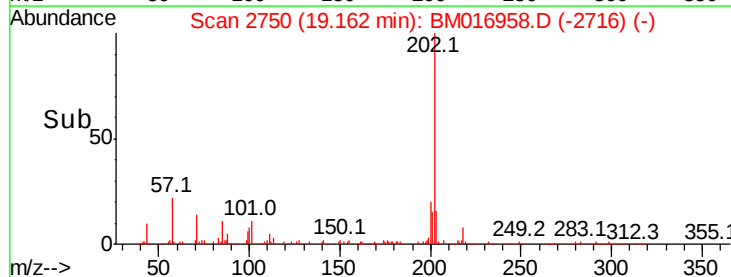
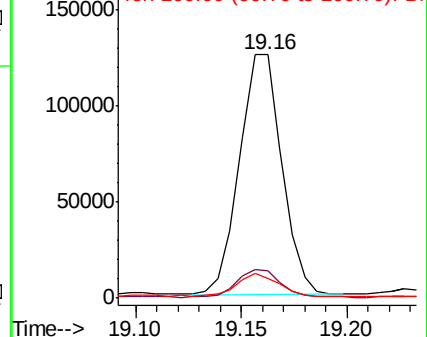
100 8.3 4.6 7.0#

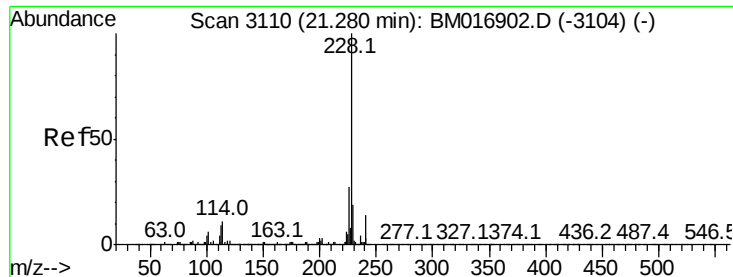


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#83

Benzo(a)anthracene

Concen: 1.518 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.05 min

Lab File: BM016958.D

Acq: 02 Oct 2018 13:16

Instrument :

BNA_M

ClientSampleId :

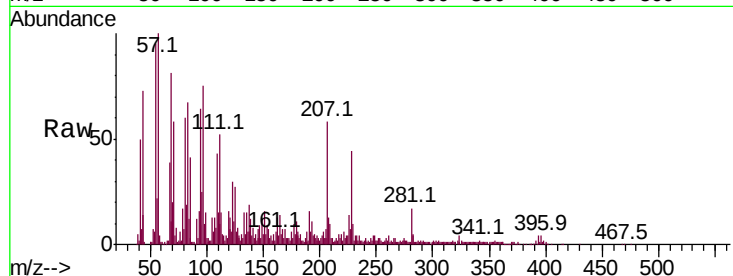
Tot Ion:228 Resp: 104916

Ion Ratio Lower Upper

228 100

229 23.4 16.0 24.0

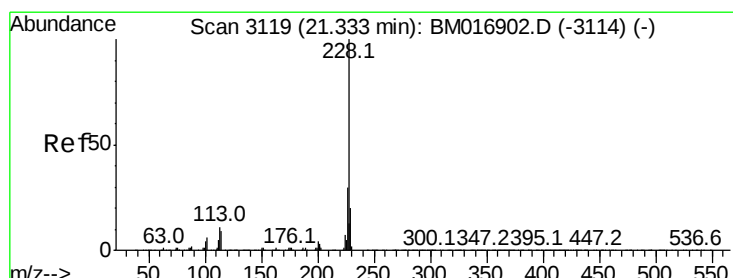
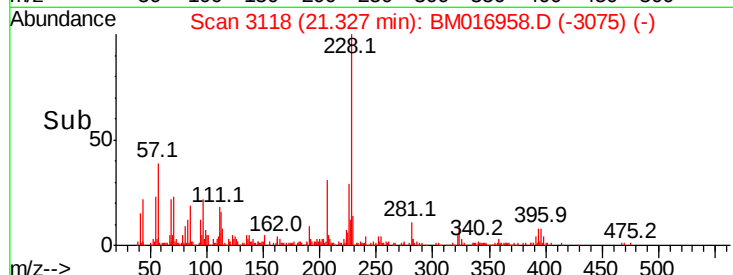
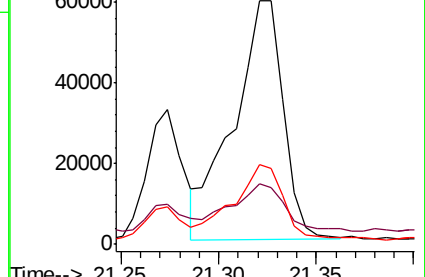
226 31.0 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 1.630 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BM016958.D

Acq: 02 Oct 2018 13:16

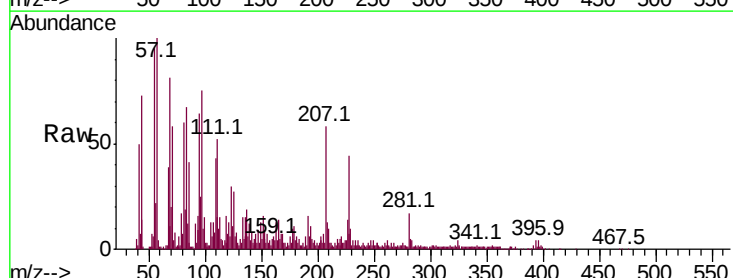
Tgt Ion:228 Resp: 105003

Ion Ratio Lower Upper

228 100

226 31.0 24.1 36.1

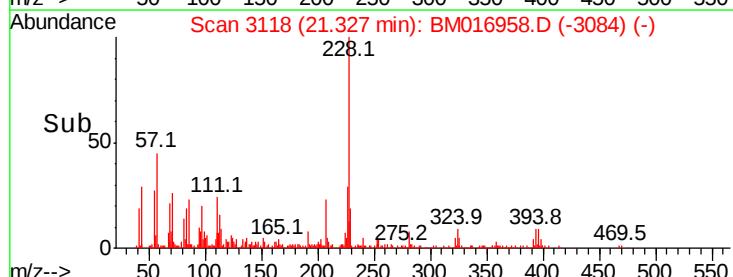
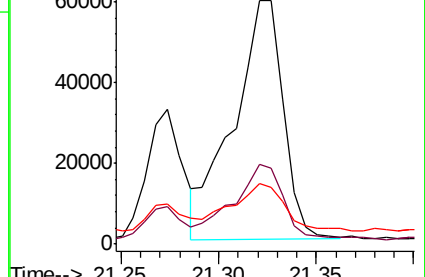
229 23.4 16.0 24.0

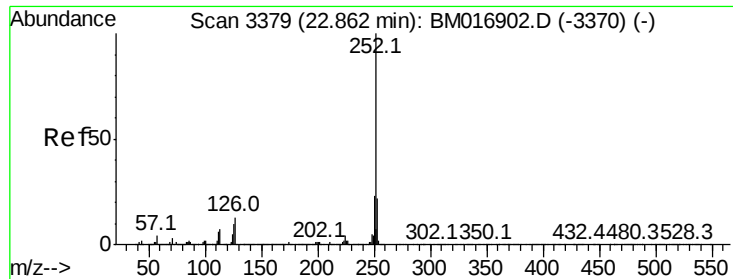


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.294 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. 0.01 min

Lab File: BM016958.D

Acq: 02 Oct 2018 13:16

Instrument :

BNA_M

ClientSampleId :

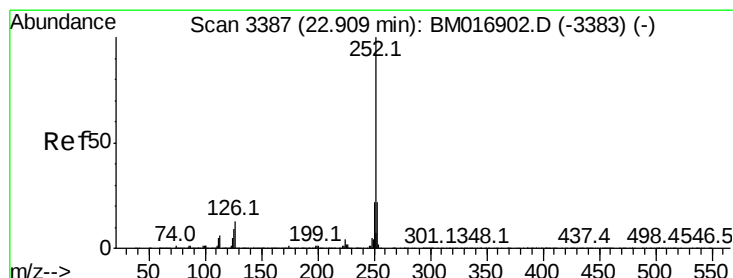
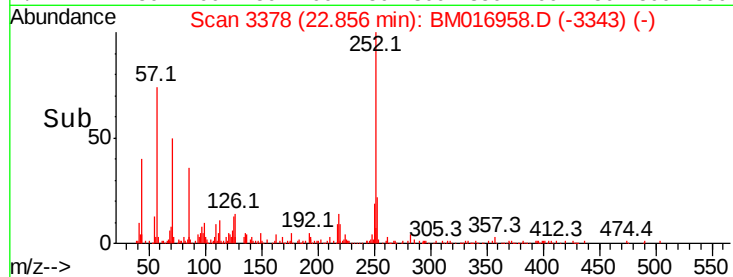
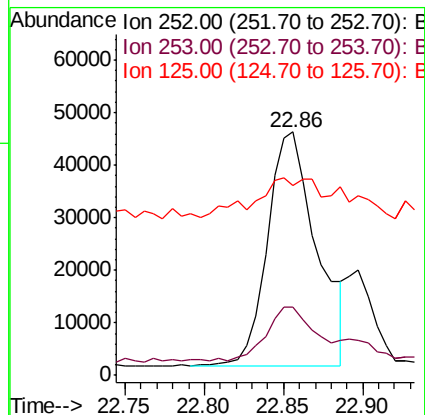
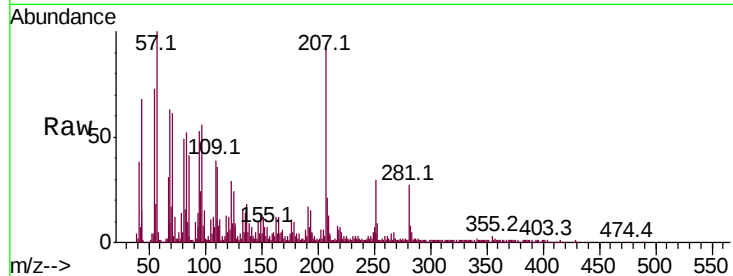
Tot Ion:252 Resp: 96264

Ion Ratio Lower Upper

252 100

253 28.2 17.4 26.0#

125 78.0 4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 1.348 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.04 min

Lab File: BM016958.D

Acq: 02 Oct 2018 13:16

Tgt Ion:252 Resp: 96264

Ion Ratio Lower Upper

252 100

253 28.2 17.1 25.7#

125 78.0 5.4 8.0#

