

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101318\
 Data File : BM017156.D
 Acq On : 13 Oct 2018 20:34
 Operator : MJ/SJ
 Sample : J5400-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 15 01:22:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 12 23:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	250840	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1110781	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	574646	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1165241	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	898362	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	892575	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	546	0.11	ng/uL	0.01
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	10.46	131	1794	0.09	ng/ul	-0.15
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	390	0.05	ng/ul	0.01
58) Fluorene-d10	15.33	176	3321	0.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	263	0.04	ng/ul	-0.02
71) Anthracene-d10	17.08	188	1165241	20.94	ng/ul	-0.09
79) Pyrene-d10	19.46	212	821	0.02	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.33	264	1077	0.02	ng/ul	-0.02

Target Compounds

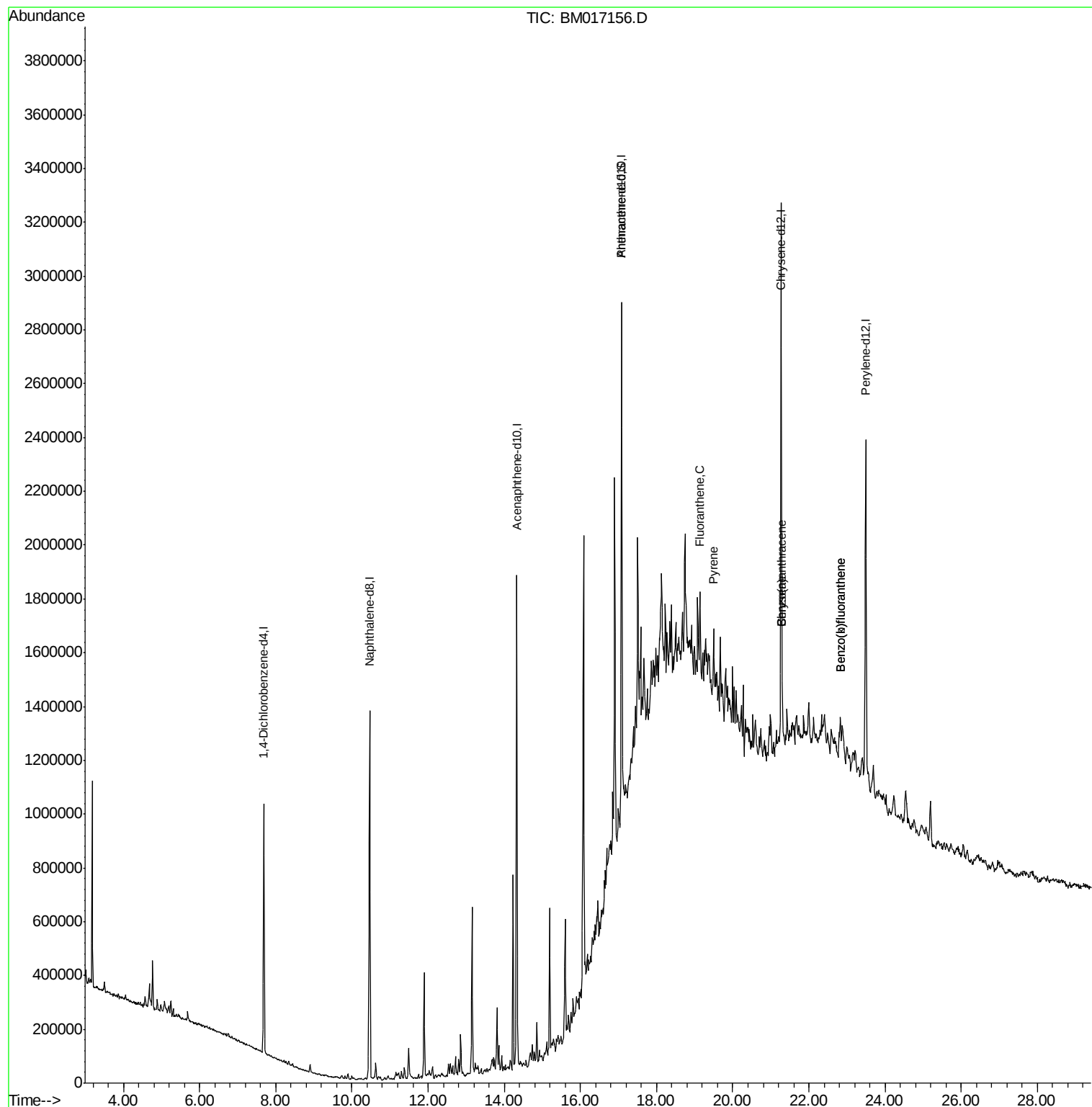
					Ovalue	
77) Fluoranthene	19.14	202	124776	1.649	ng/ul	98
80) Pyrene	19.50	202	82644	1.588	ng/ul	99
83) Benzo(a)anthracene	21.30	228	58594	1.087	ng/ul	93
85) Chrysene	21.30	228	58641	1.125	ng/ul	97
88) Benzo(b)fluoranthene	22.83	252	62826	1.182	ng/ul#	63
89) Benzo(k)fluoranthene	22.83	252	62826	1.230	ng/ul#	64

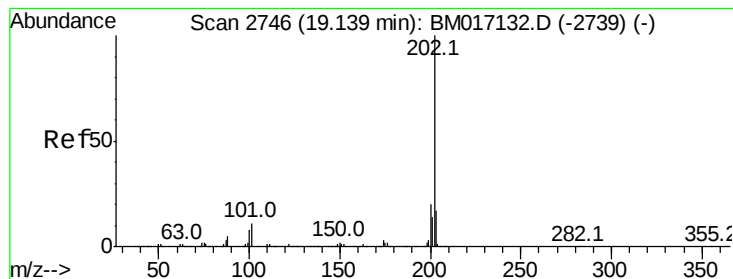
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#77

Fluoranthene

Concen: 1.649 ng/ul

RT: 19.14 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BM017156.D

Acq: 13 Oct 2018 20:34

Instrument :

BNA_M

ClientSampleId :

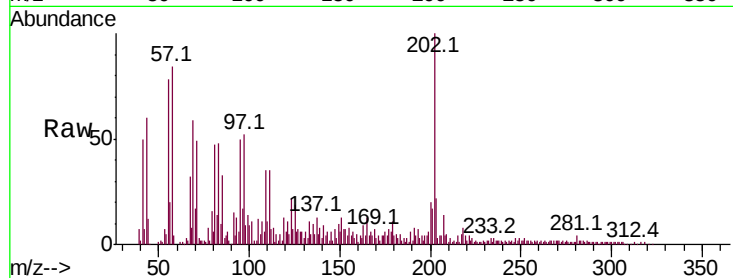
Tot Ion:202 Resp: 124776

Ion Ratio Lower Upper

202 100

101 11.1 8.3 12.5

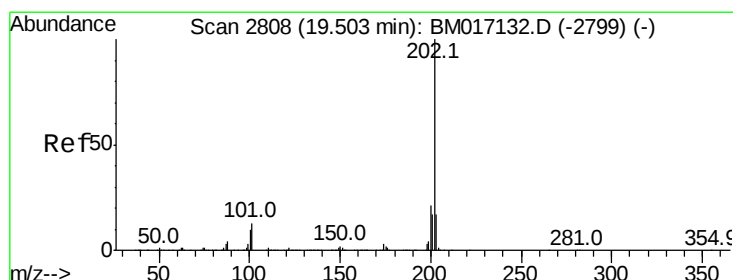
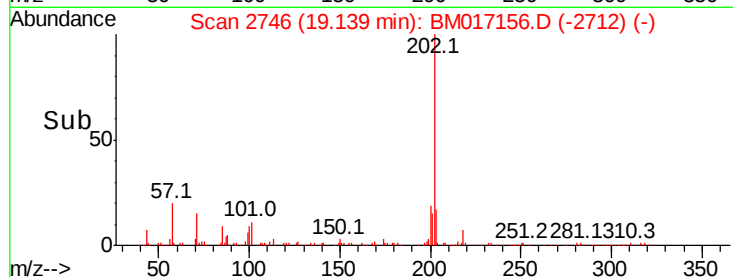
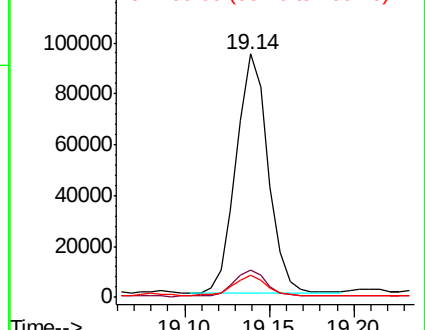
100 9.0 6.6 9.8



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): B



#80

Pyrene

Concen: 1.588 ng/ul

RT: 19.50 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BM017156.D

Acq: 13 Oct 2018 20:34

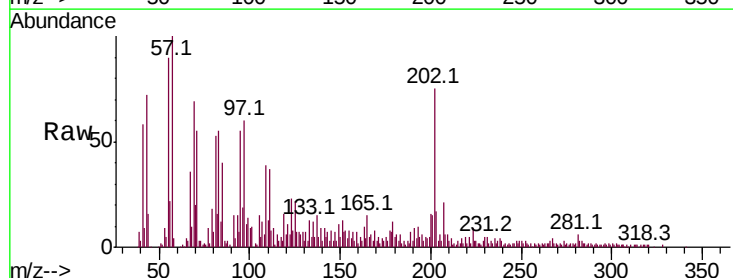
Tgt Ion:202 Resp: 82644

Ion Ratio Lower Upper

202 100

101 13.7 10.8 16.2

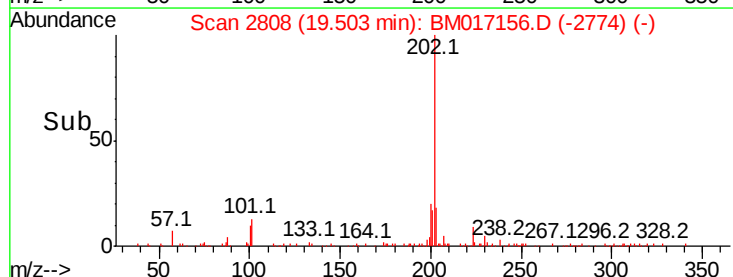
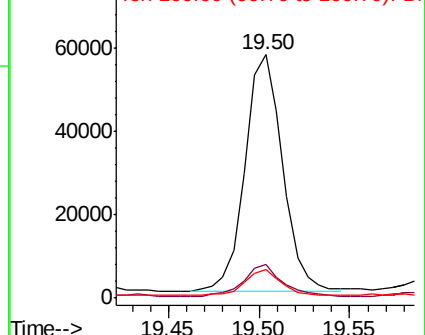
100 11.6 8.9 13.3

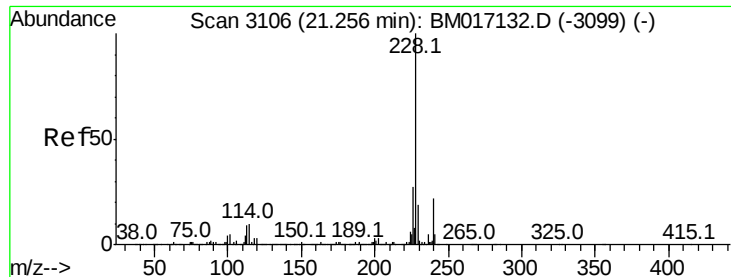


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.087 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. 0.05 min

Lab File: BM017156.D

Acq: 13 Oct 2018 20:34

Instrument :

BNA_M

ClientSampled :

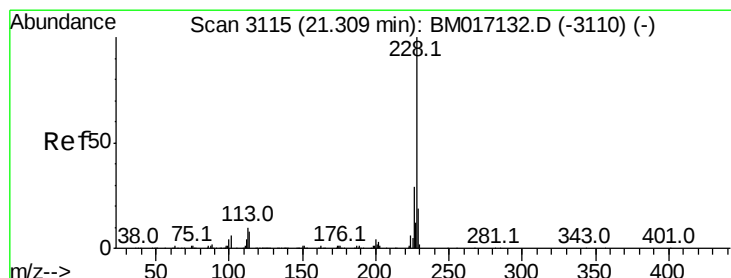
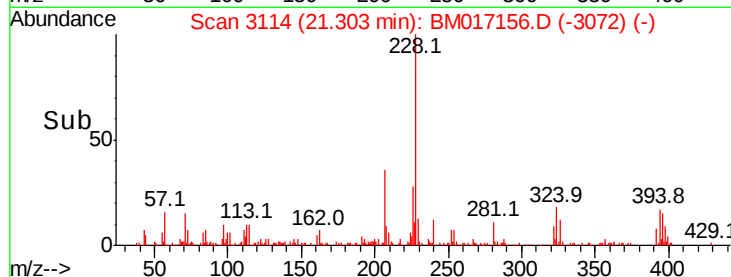
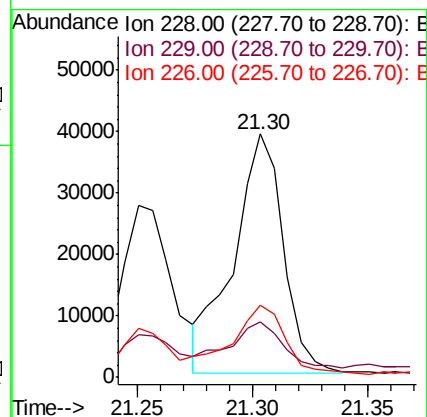
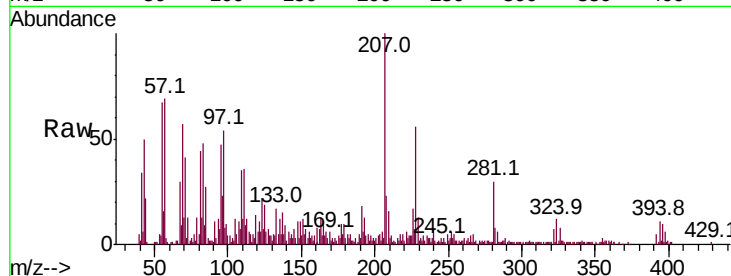
Tot Ion:228 Resp: 58594

Ion Ratio Lower Upper

228 100

229 22.7 15.7 23.5

226 29.9 20.9 31.3



#85

Chrysene

Concen: 1.125 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM017156.D

Acq: 13 Oct 2018 20:34

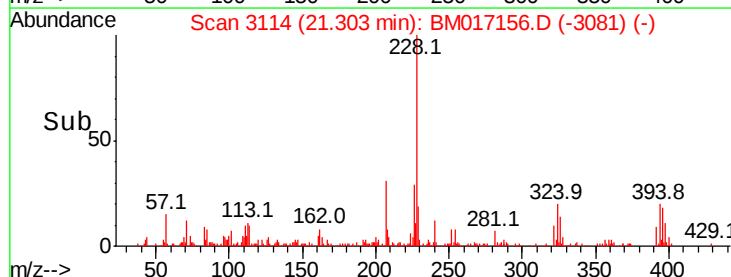
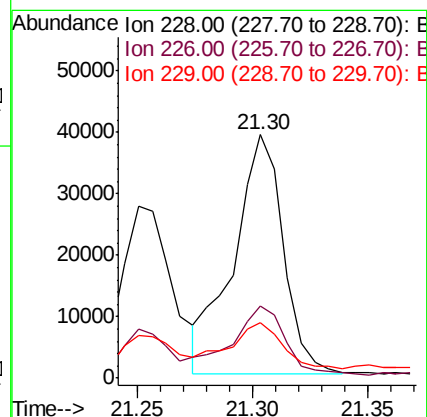
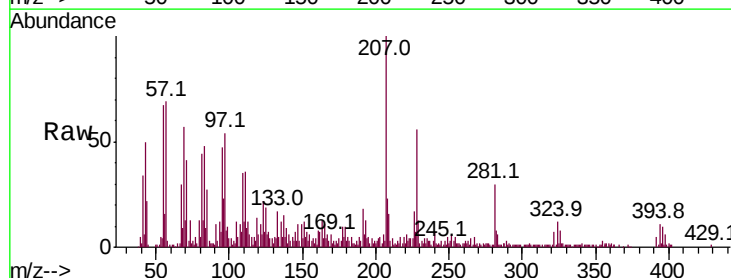
Tgt Ion:228 Resp: 58641

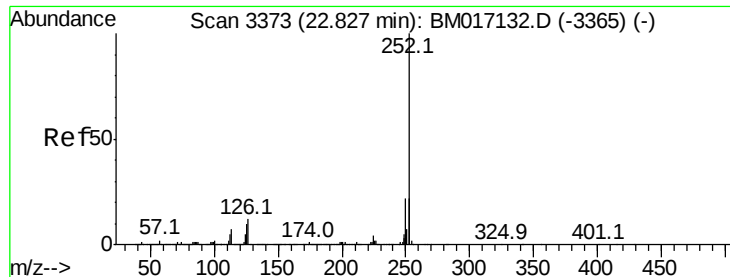
Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.2

229 22.7 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 1.182 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BM017156.D

Acq: 13 Oct 2018 20:34

Instrument :

BNA_M

ClientSampleId :

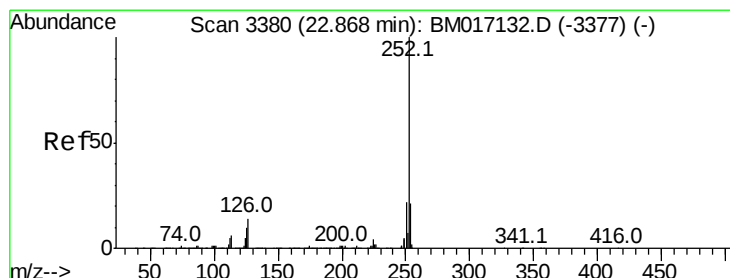
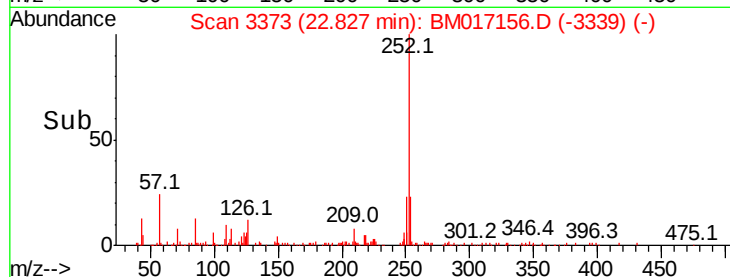
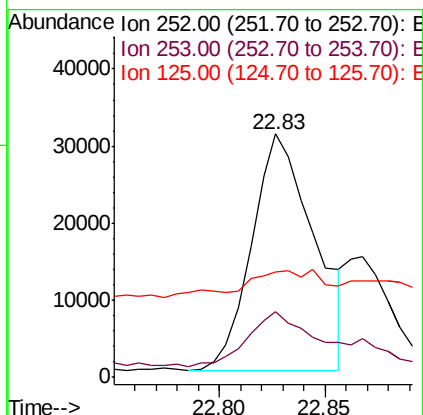
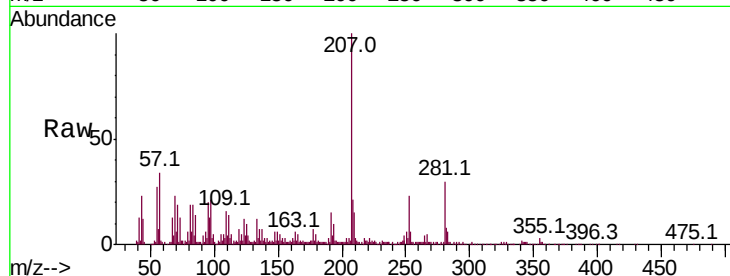
Tot Ion:252 Resp: 62826

Ion Ratio Lower Upper

252 100

253 27.2 17.3 25.9#

125 43.4 8.2 12.4#



#89

Benzo(k)fluoranthene

Concen: 1.230 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.04 min

Lab File: BM017156.D

Acq: 13 Oct 2018 20:34

Tgt Ion:252 Resp: 62826

Ion Ratio Lower Upper

252 100

253 27.2 17.5 26.3#

125 43.4 8.2 12.4#

