

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
 Data File : BM016969.D
 Acq On : 03 Oct 2018 08:43
 Operator : MJ/SJ
 Sample : J5126-13
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 03 11:25:06 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	344370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1503642	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	816859	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1525165	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1216625	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1215051	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	431	0.05	ng/uL	0.00
5) Phenol-d5	6.76	99	580	0.02	ng/ul	-0.12
7) Bis-(2-Chloroethyl)ether-d	7.10	67	253	0.01	ng/ul	0.05
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.36	113	617	0.03	ng/ul	-0.05
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	2134	0.08	ng/ul	-0.14
44) Dimethylphthalate-d6	13.77	166	635	0.01	ng/ul	0.00
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.55	143	599	0.06	ng/ul	0.00
58) Fluorene-d10	15.34	176	4885	0.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	349	0.06	ng/ul	0.01
71) Anthracene-d10	17.20	188	4656	0.06	ng/ul	0.00
79) Pyrene-d10	19.50	212	521	0.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	1206026	19.03	ng/ul	0.14

Target Compounds

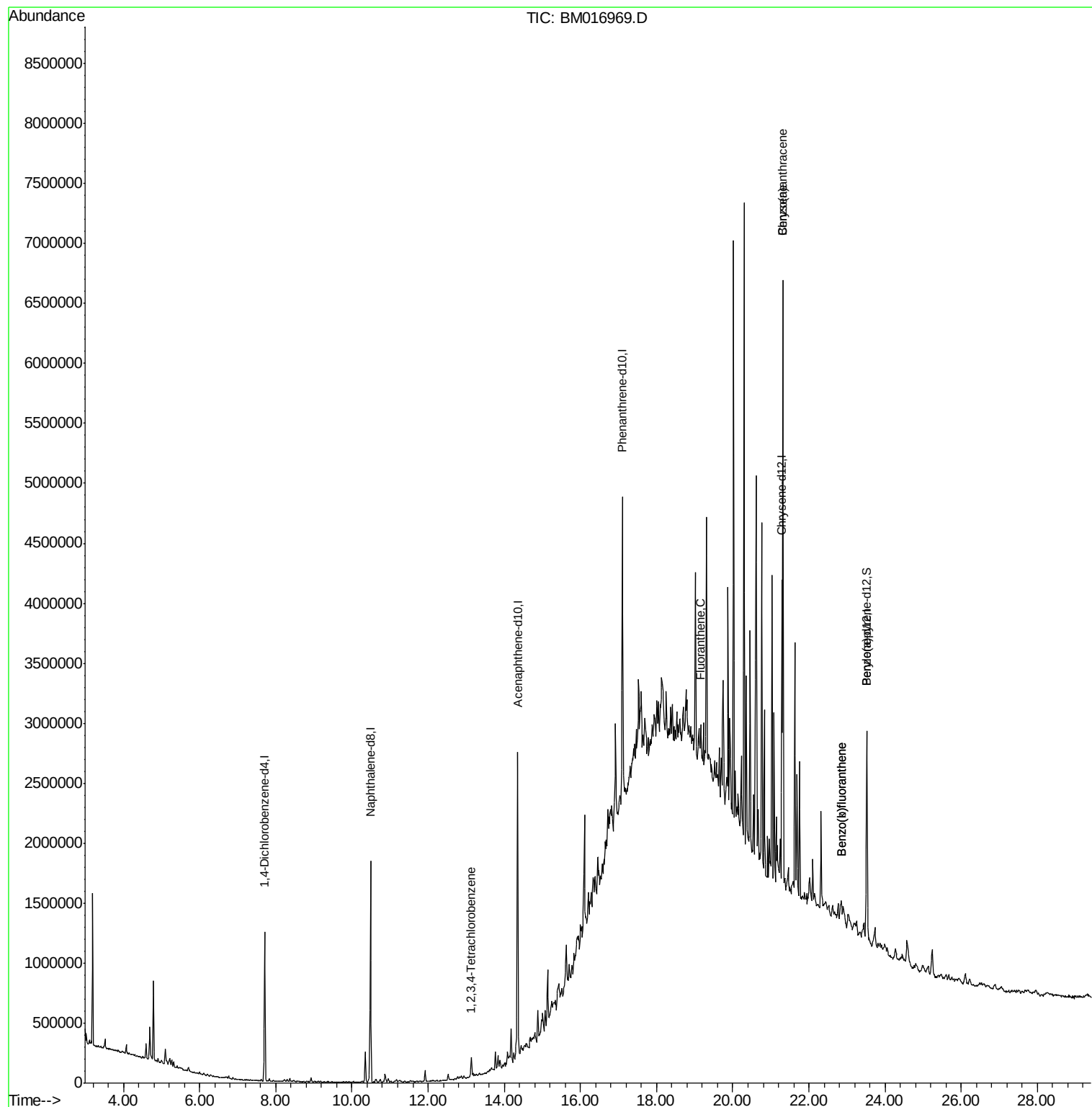
				Ovalue	
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	46087	1.826	ng/uL 95
77) Fluoranthene	19.16	202	124400	1.281	ng/ul# 89
83) Benzo(a)anthracene	21.33	228	77343	1.027	ng/ul 92
85) Chrysene	21.33	228	76695	1.092	ng/ul 96
88) Benzo(b)fluoranthene	22.85	252	85040	1.169	ng/ul# 65
89) Benzo(k)fluoranthene	22.85	252	85040	1.218	ng/ul# 63

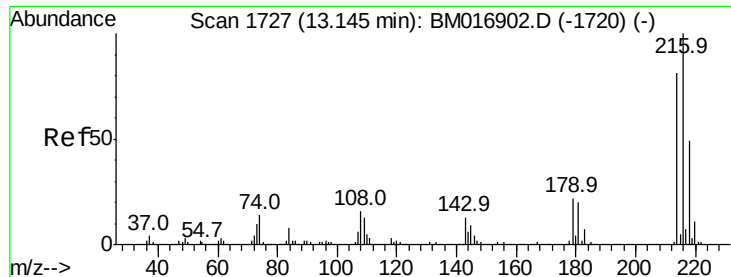
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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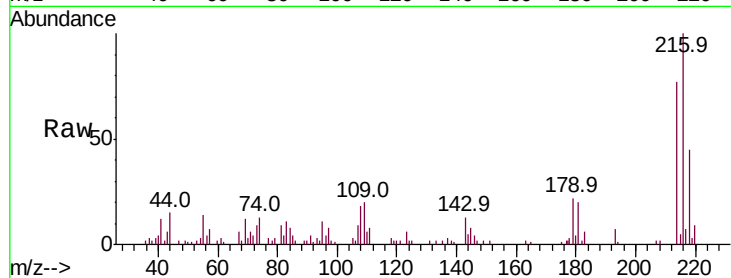




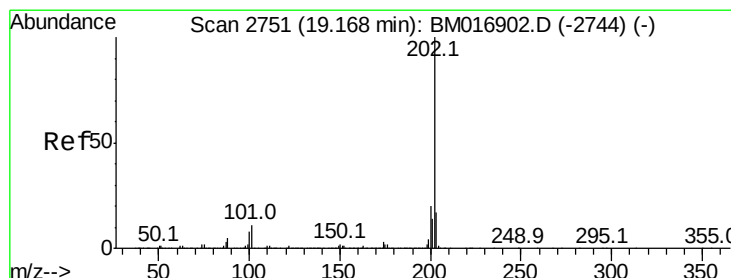
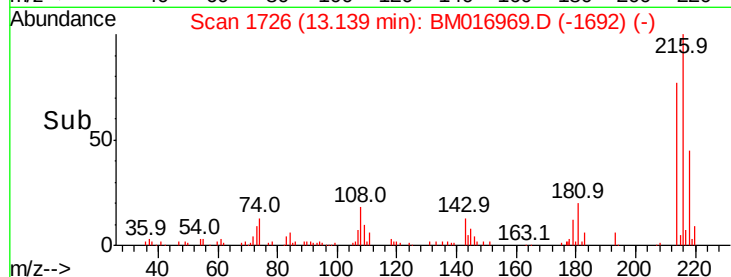
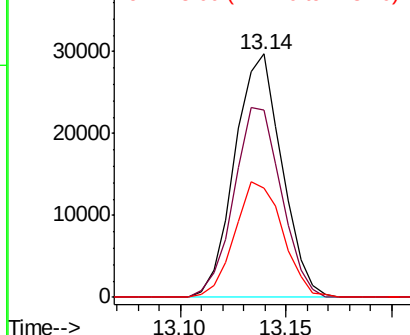
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 1.826 ng/uL
 RT: 13.14 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BM016969.D
 Acq: 03 Oct 2018 08:43

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.8	64.1	96.1
218	45.0	39.4	59.0

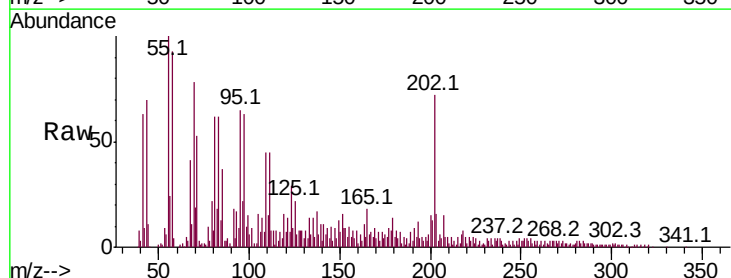


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E

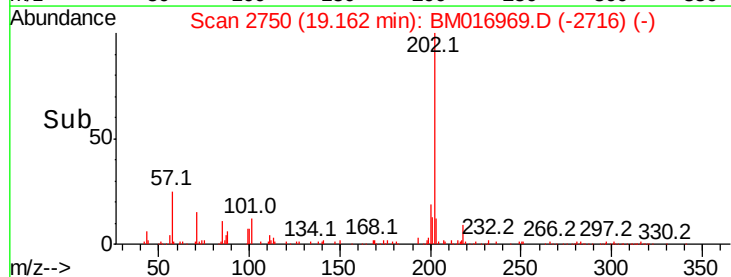
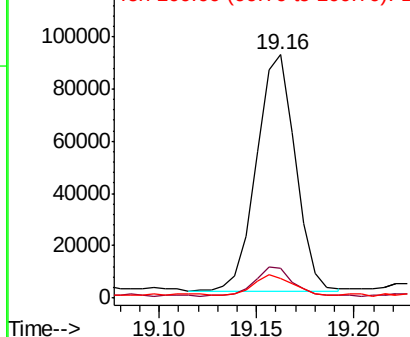


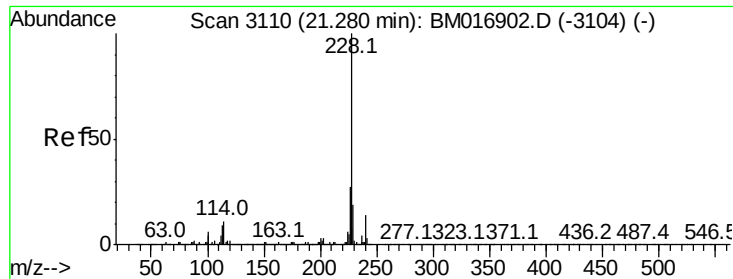
#77
 Fluoranthene
 Concen: 1.281 ng/uL
 RT: 19.16 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: BM016969.D
 Acq: 03 Oct 2018 08:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	6.1	9.1#
100	8.0	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

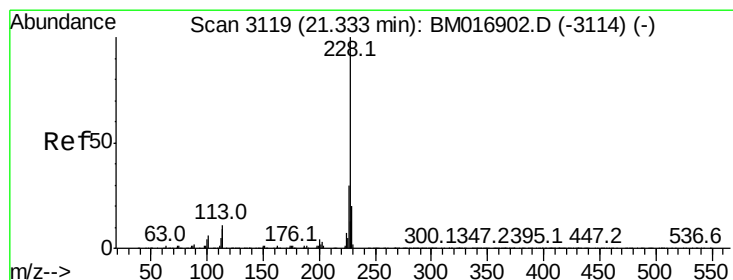
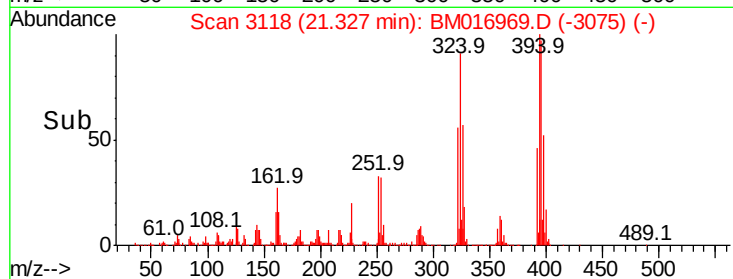
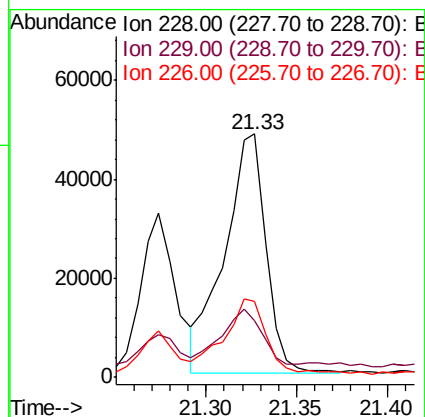
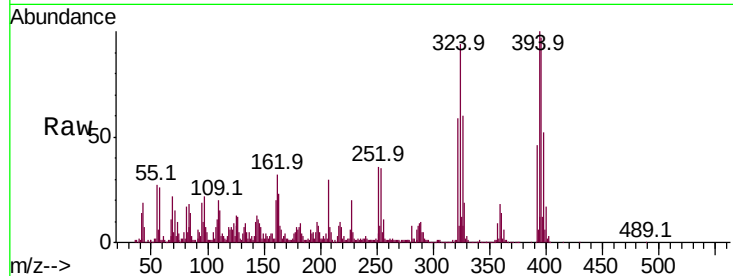




#83
Benzo(a)anthracene
Concen: 1.027 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. 0.05 min
Lab File: BM016969.D
Acq: 03 Oct 2018 08:43

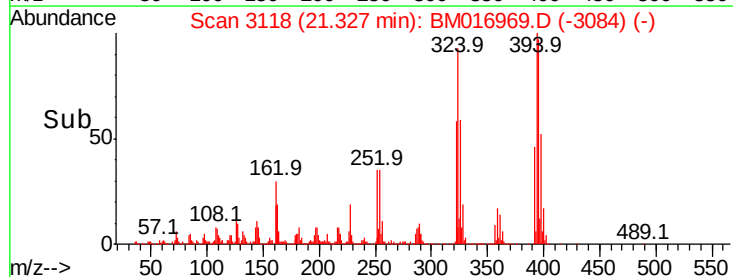
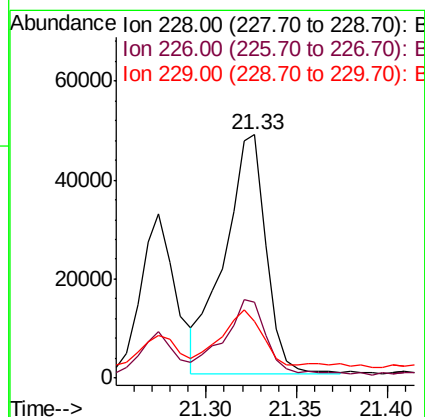
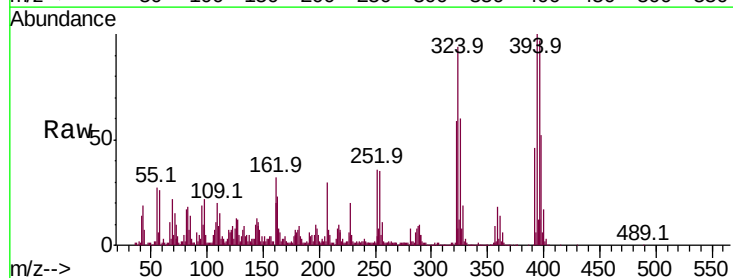
Instrument :
BNA_M
ClientSampleId :

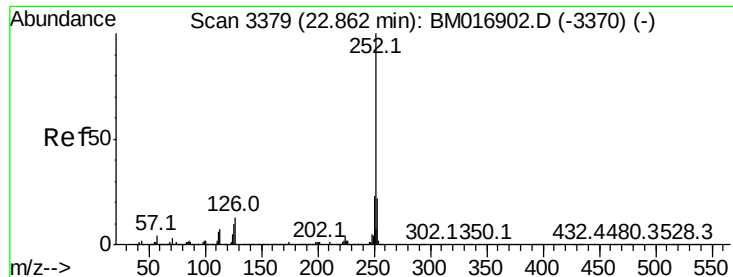
Tot Ion:228 Resp: 77343
Ion Ratio Lower Upper
228 100
229 23.6 16.0 24.0
226 31.1 21.8 32.8



#85
Chrysene
Concen: 1.092 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM016969.D
Acq: 03 Oct 2018 08:43

Tgt Ion:228 Resp: 76695
Ion Ratio Lower Upper
228 100
226 31.1 24.1 36.1
229 23.6 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 1.169 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BM016969.D

Acq: 03 Oct 2018 08:43

Instrument :

BNA_M

ClientSampleId :

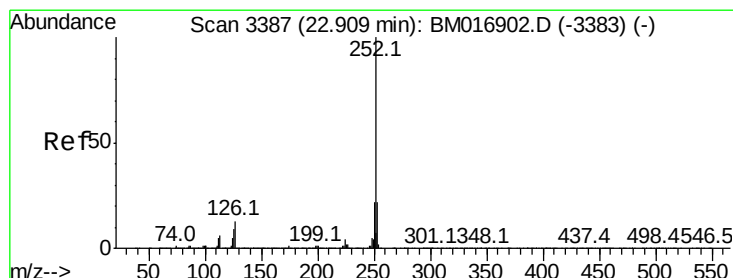
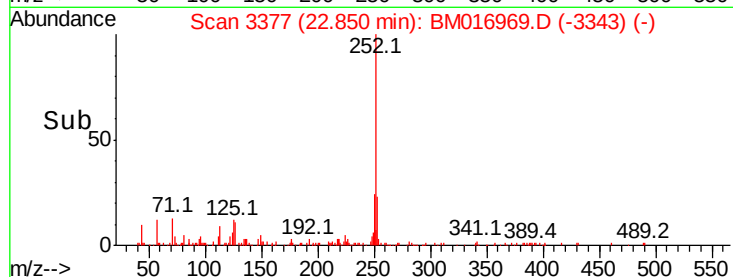
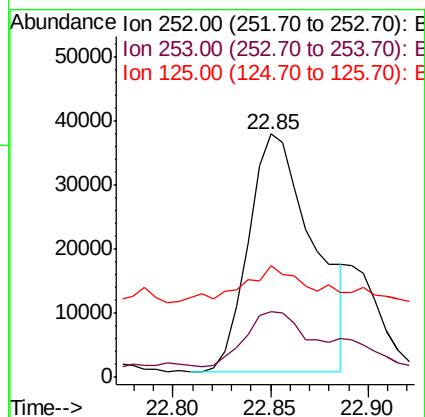
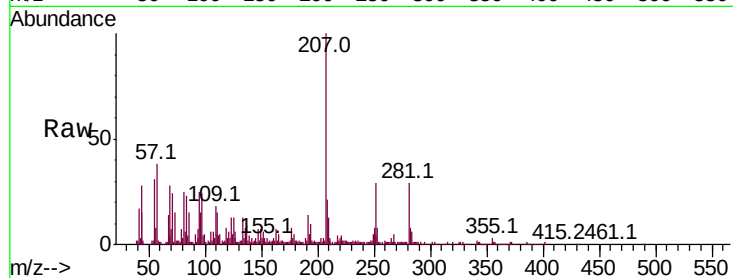
Tot Ion:252 Resp: 85040

Ion Ratio Lower Upper

252 100

253 27.2 17.4 26.0#

125 45.9 4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 1.218 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. -0.05 min

Lab File: BM016969.D

Acq: 03 Oct 2018 08:43

Tgt Ion:252 Resp: 85040

Ion Ratio Lower Upper

252 100

253 27.2 17.1 25.7#

125 45.9 5.4 8.0#

