

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013349.D
 Acq On : 12 Dec 2017 21:12
 Operator : SJ/JU
 Sample : I6776-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A41

Quant Time: Dec 13 01:45:41 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	181482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	794036	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	495396	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1192816	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1300375	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1128172	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	16760	4.57	ng/uL	0.00
5) Phenol-d5	6.86	99	346066	22.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	203586	22.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	277349	22.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	289298	21.57	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	150424	23.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	163792	24.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	311613	22.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	372215	29.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1075380	24.39	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1313024	24.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	152803	19.95	ng/ul	0.00
57) Fluorene-d10	15.33	176	925539	24.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	128418	17.11	ng/ul	0.00
70) Anthracene-d10	17.17	188	1441594	24.13	ng/ul	0.00
76) Pyrene-d10	19.47	212	1736760	26.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1471810	25.61	ng/ul	0.00

Target Compounds

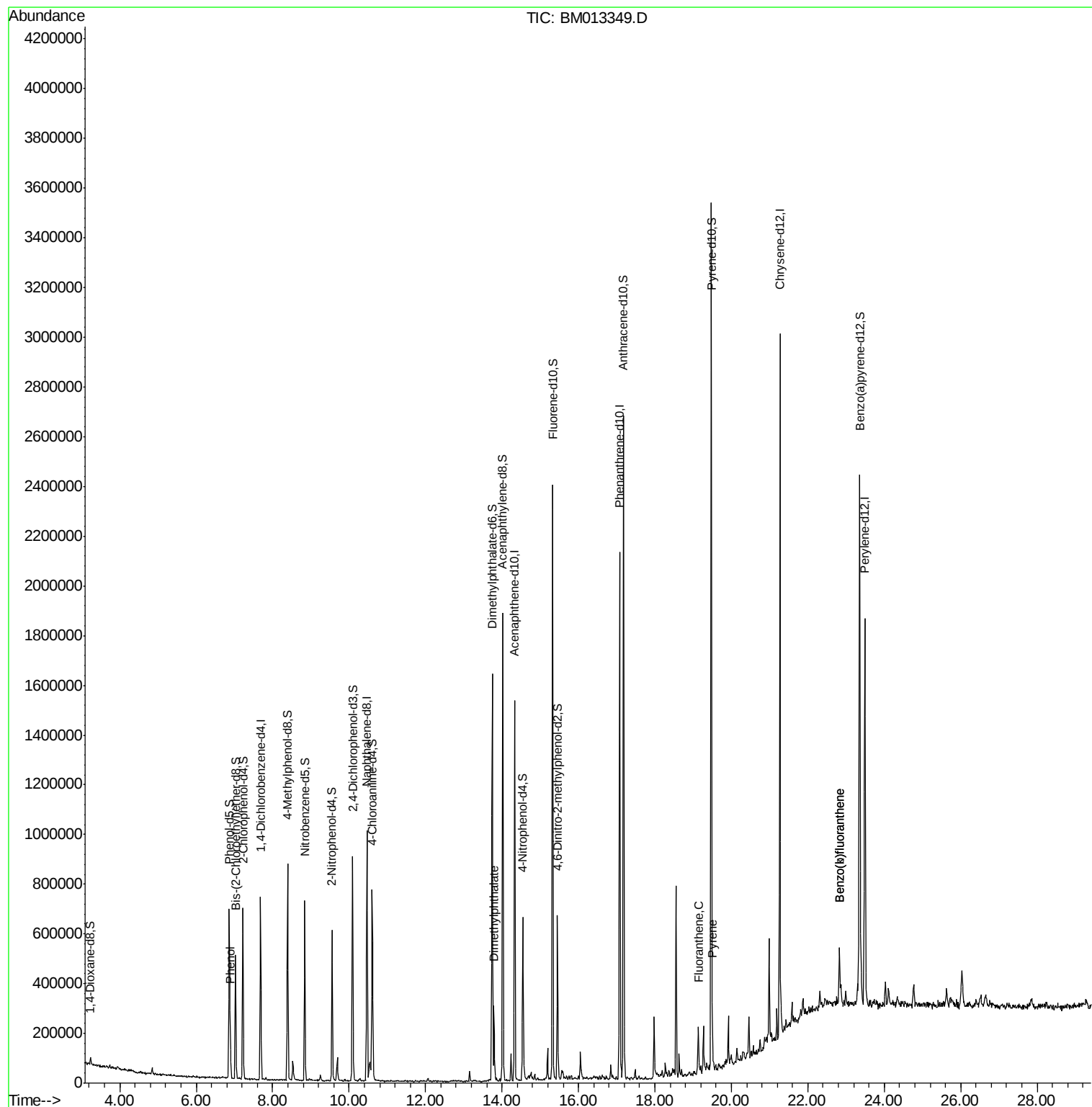
				Ovalue	
6) Phenol	6.89	94	71127	4.582	ng/ul# 86
44) Dimethylphthalate	13.79	163	174485	4.138	ng/ul 97
74) Fluoranthene	19.14	202	98334	1.184	ng/ul# 92
77) Pyrene	19.50	202	102628	1.299	ng/ul# 94
85) Benzo(b)fluoranthene	22.83	252	109894	1.445	ng/ul# 96
86) Benzo(k)fluoranthene	22.83	252	109894	1.535	ng/ul# 94

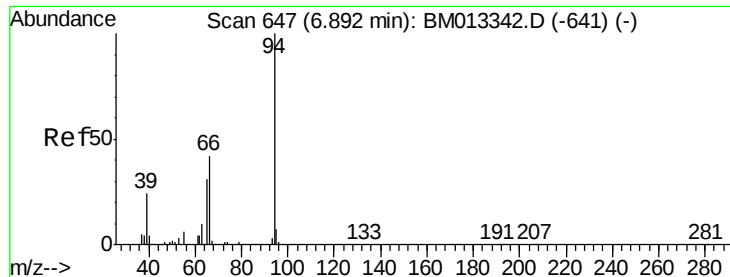
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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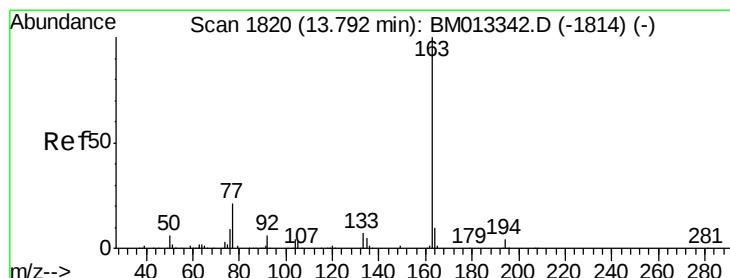
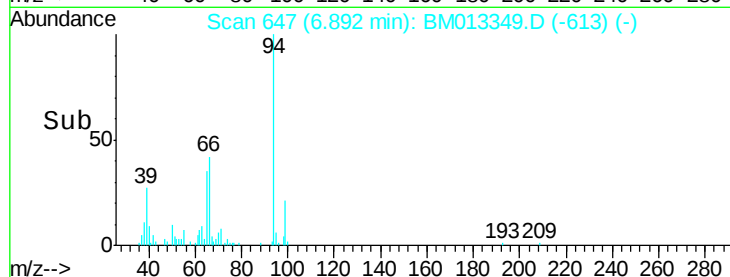
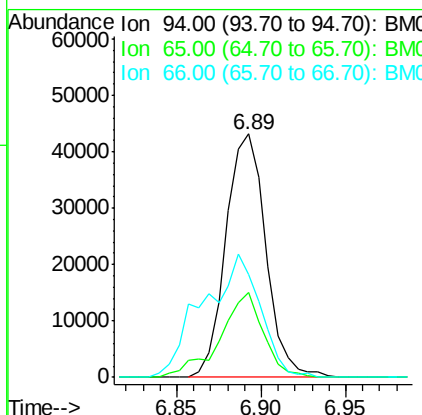
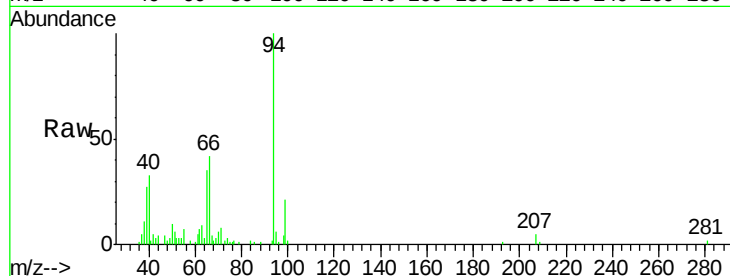
#6

Phenol

Concen: 4.582 ng/ul
 RT: 6.89 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BM013349.D
 Acq: 12 Dec 2017 21:12

Instrument :
 BNA_M
 ClientSampleId :
 F9A41

Tot Ion: 94 Resp: 71127
 Ion Ratio Lower Upper
 94 100
 65 34.8 28.2 42.4
 66 42.4 47.2 70.8#

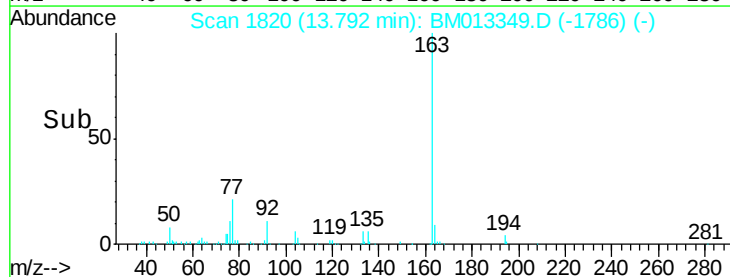
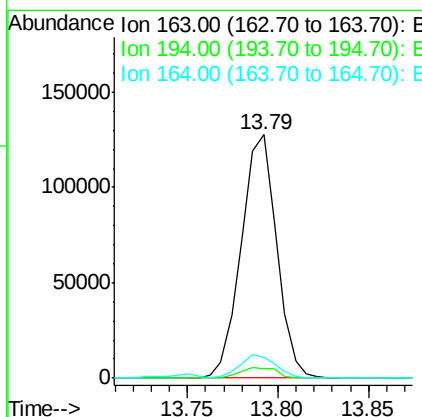
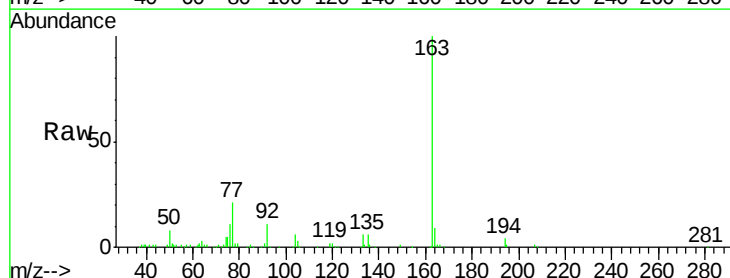


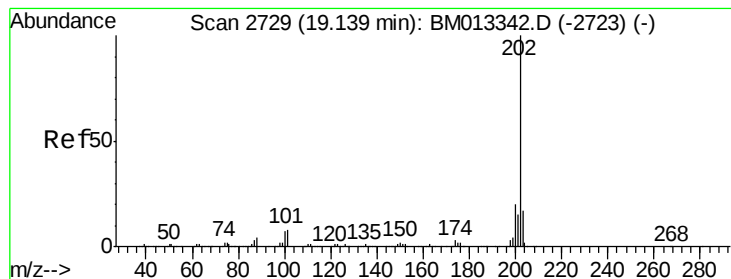
#44

Dimethylphthalate

Concen: 4.138 ng/ul
 RT: 13.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BM013349.D
 Acq: 12 Dec 2017 21:12

Tgt Ion: 163 Resp: 174485
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.5 5.3
 164 8.8 8.2 12.4





#74

Fluoranthene

Concen: 1.184 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM013349.D

Acq: 12 Dec 2017 21:12

Instrument :

BNA_M

ClientSampleId :

F9A41

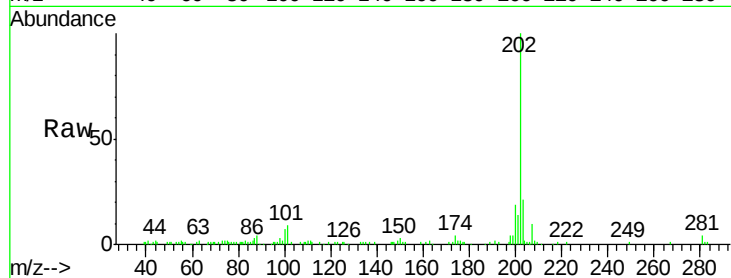
Tot Ion:202 Resp: 98334

Ion Ratio Lower Upper

202 100

101 8.6 4.6 7.0#

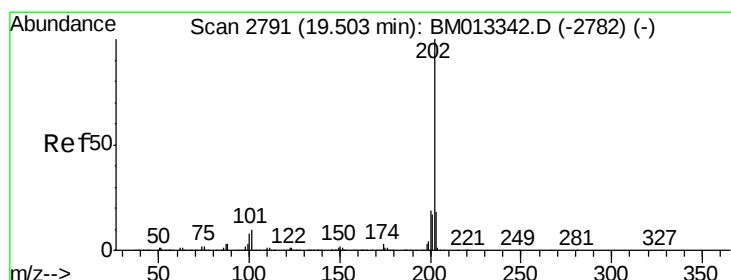
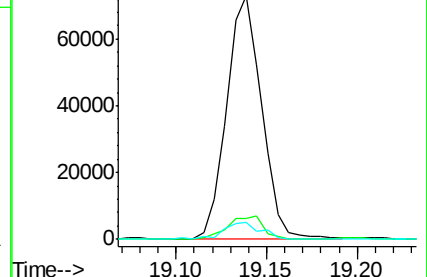
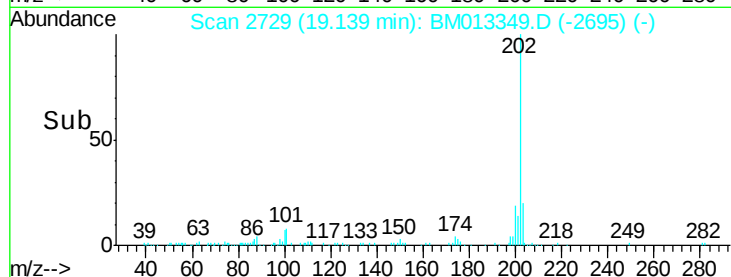
100 6.9 3.4 5.2#



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



#77

Pyrene

Concen: 1.299 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM013349.D

Acq: 12 Dec 2017 21:12

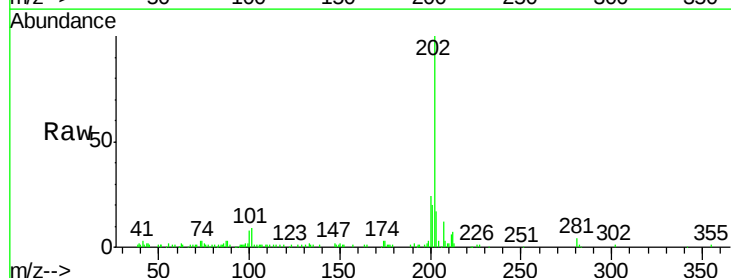
Tgt Ion:202 Resp: 102628

Ion Ratio Lower Upper

202 100

101 8.5 5.1 7.7#

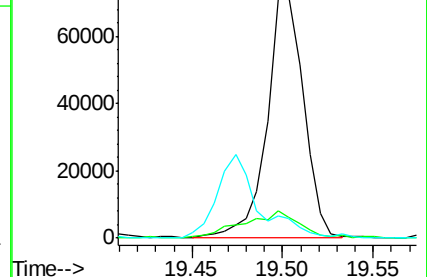
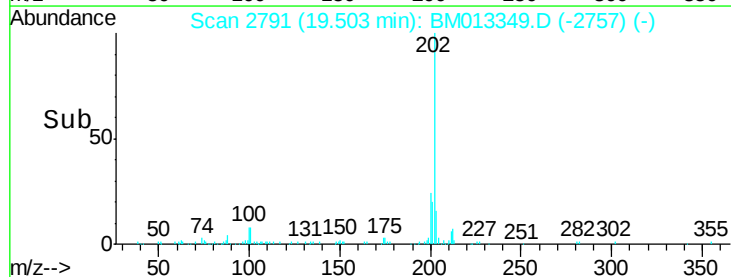
100 8.0 4.9 7.3#

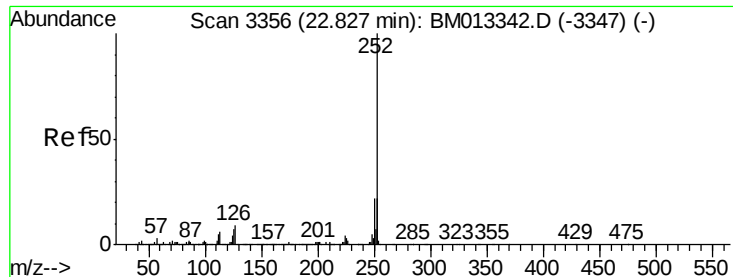


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 1.445 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.00 min

Lab File: BM013349.D

Acq: 12 Dec 2017 21:12

Instrument :

BNA_M

ClientSampleId :

F9A41

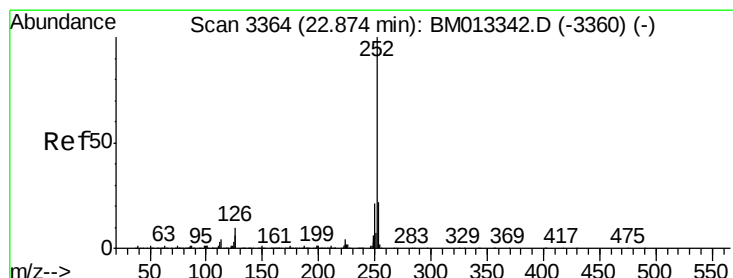
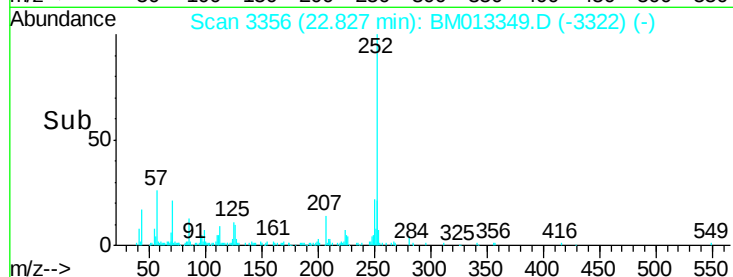
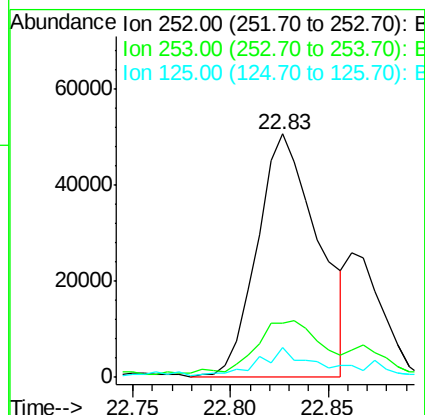
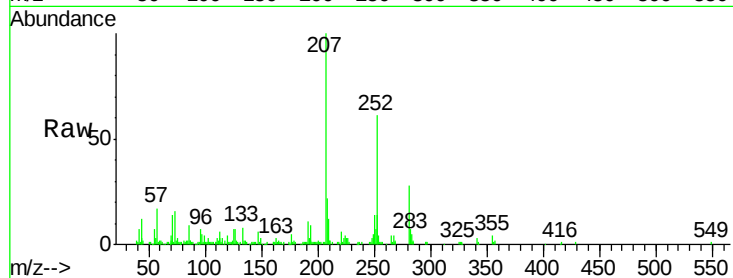
Tot Ion:252 Resp: 109894

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 12.1 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 1.535 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM013349.D

Acq: 12 Dec 2017 21:12

Tgt Ion:252 Resp: 109894

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 12.1 3.4 5.2#

