

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110117\
 Data File : BM012646.D
 Acq On : 01 Nov 2017 20:49
 Operator : SJ/JU
 Sample : I5937-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0DQ8

Quant Time: Nov 02 01:37:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 02 01:34:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	155750	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1022427	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	719999	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1867087	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	2763899	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	3480259	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	8586	2.82	ng/uL	0.00
5) Phenol-d5	7.01	99	177905	13.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	110932	14.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	148799	15.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	224269	20.17	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	119534	18.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	136609	20.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	244664	14.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	313918	17.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	947609	15.07	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1085693	14.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	147571	15.78	ng/ul	0.00
57) Fluorene-d10	15.47	176	838845	15.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	150443	16.65	ng/ul	0.00
70) Anthracene-d10	17.32	188	1413234	15.88	ng/ul	0.00
76) Pyrene-d10	19.60	212	1781017	14.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	2601279	15.73	ng/ul	-0.01

Target Compounds

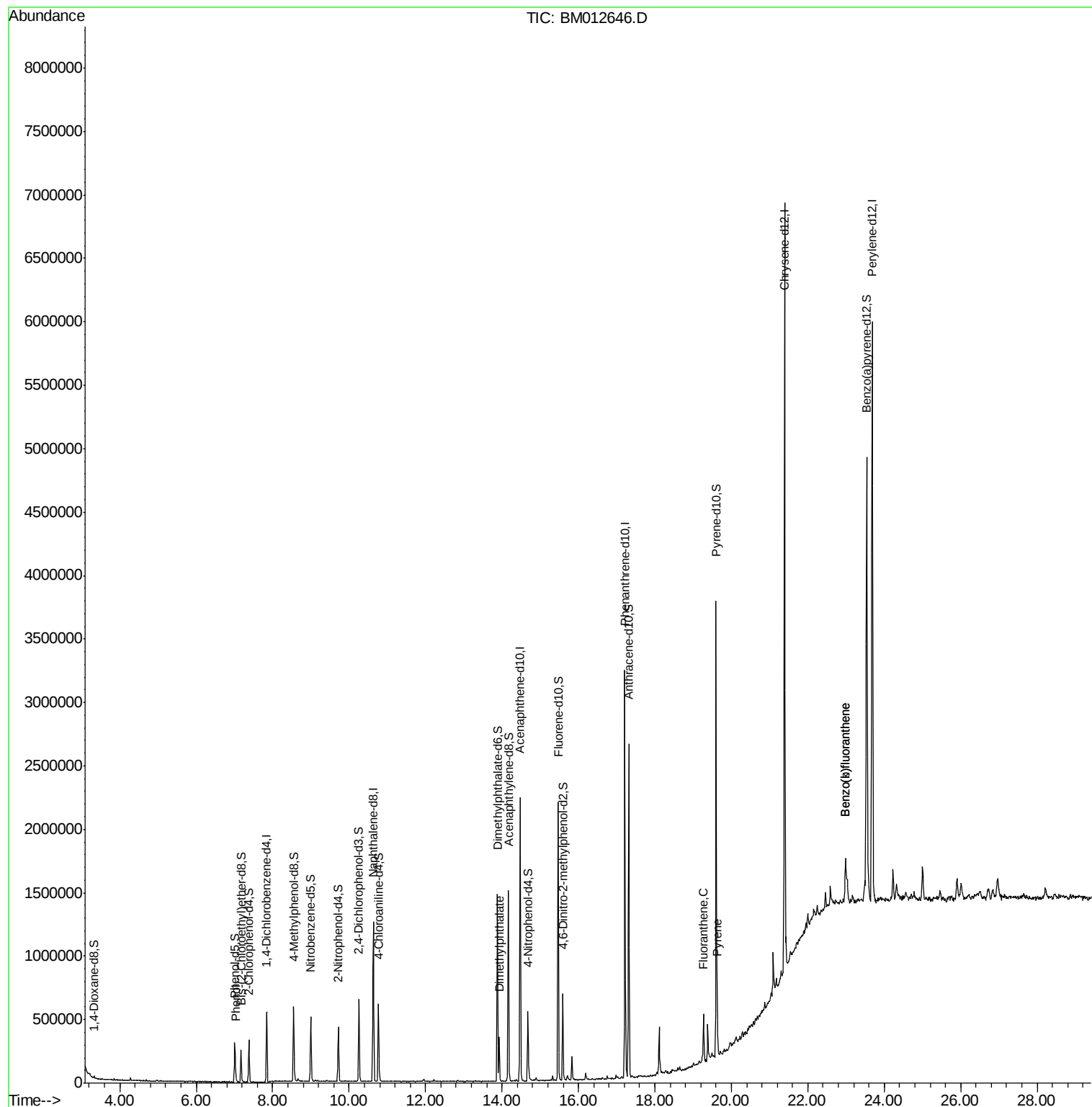
						Ovalue
6) Phenol	7.03	94	15492	1.14	ng/ul	91
44) Dimethylphthalate	13.93	163	212161	3.41	ng/ul	99
74) Fluoranthene	19.27	202	204581	1.79	ng/ul#	92
77) Pyrene	19.63	202	194891	1.24	ng/ul#	89
85) Benzo(b)fluoranthene	23.00	252	248178	1.15	ng/ul#	92
86) Benzo(k)fluoranthene	23.00	252	248178	1.23	ng/ul#	90

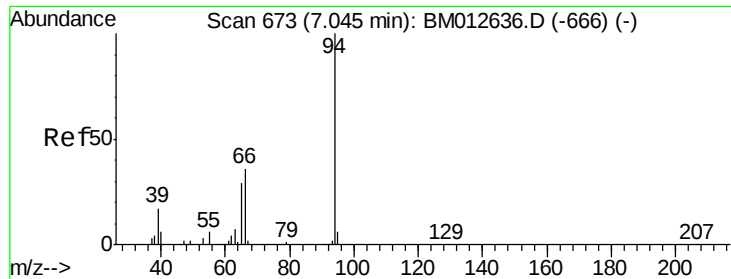
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.14 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM012646.D

Acq: 01 Nov 2017 20:49

Instrument :

BNA_M

ClientSampled :

B0DQ8

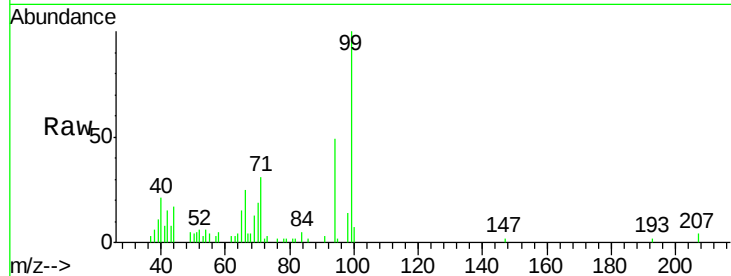
Tot Ion: 94 Resp: 15492

Ion Ratio Lower Upper

94 100

65 31.7 28.2 42.4

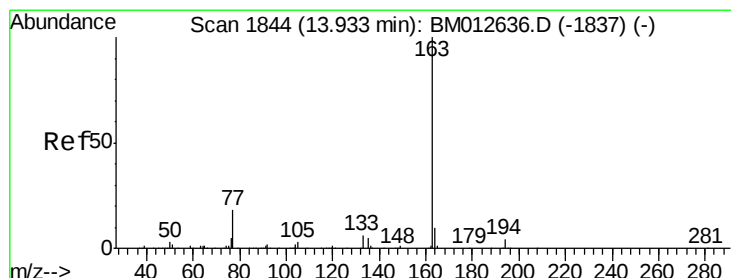
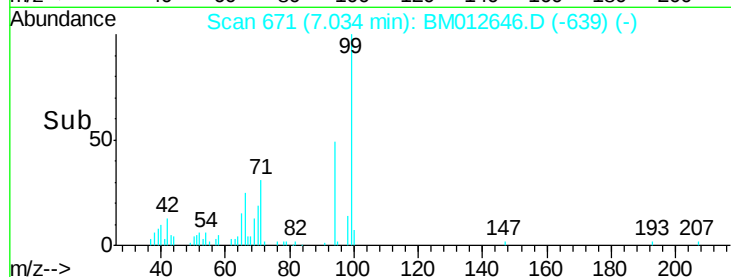
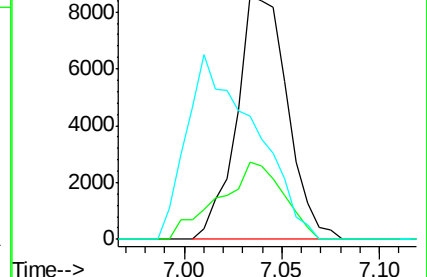
66 50.5 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM012636.D (-666) (-)

Ion 65.00 (64.70 to 65.70): BM012636.D (-666) (-)

Ion 66.00 (65.70 to 66.70): BM012636.D (-666) (-)



#44

Dimethylphthalate

Concen: 3.41 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM012646.D

Acq: 01 Nov 2017 20:49

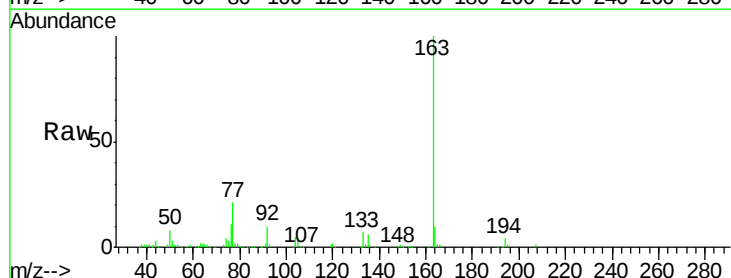
Tgt Ion: 163 Resp: 212161

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

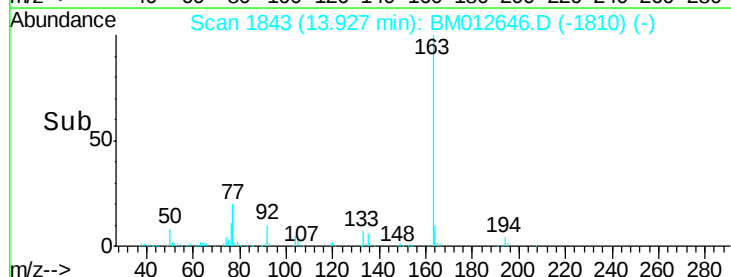
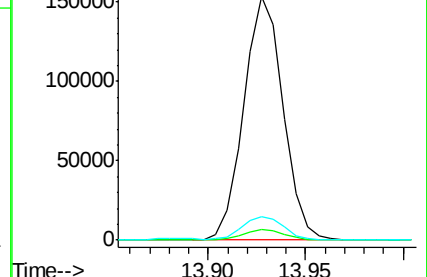
164 9.9 8.2 12.4

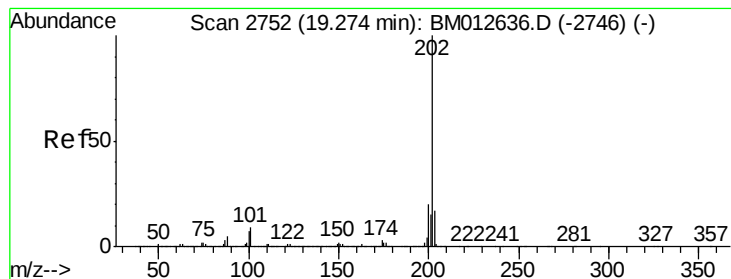


Abundance Ion 163.00 (162.70 to 163.70): BM012636.D (-1837) (-)

Ion 194.00 (193.70 to 194.70): BM012636.D (-1837) (-)

Ion 164.00 (163.70 to 164.70): BM012636.D (-1837) (-)





#74

Fluoranthene

Concen: 1.79 ng/ul

RT: 19.27 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BM012646.D

Acq: 01 Nov 2017 20:49

Instrument :

BNA_M

ClientSampleId :

B0DQ8

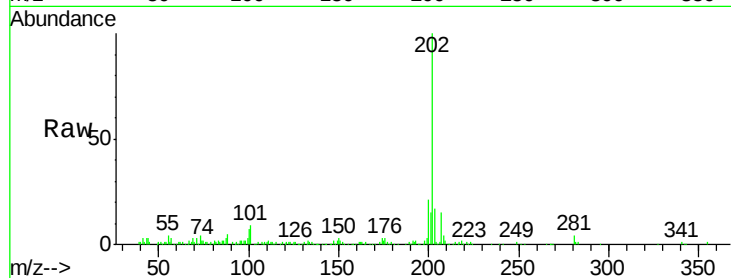
Tot Ion:202 Resp: 204581

Ion Ratio Lower Upper

202 100

101 8.9 4.6 7.0#

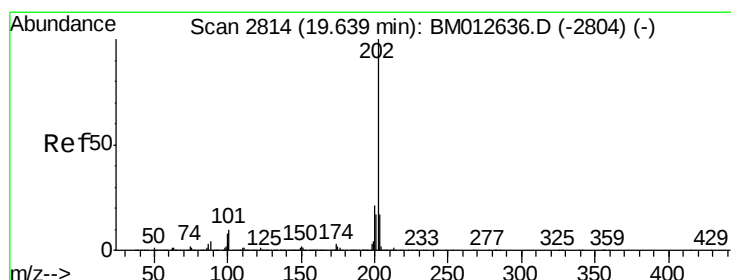
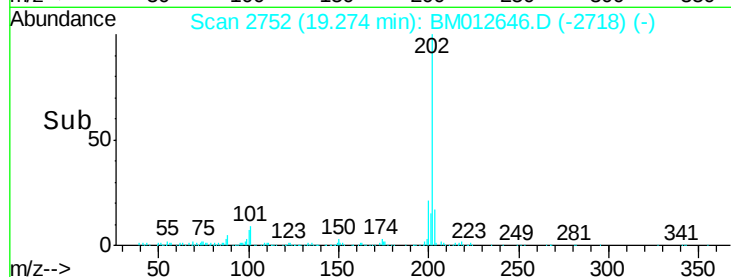
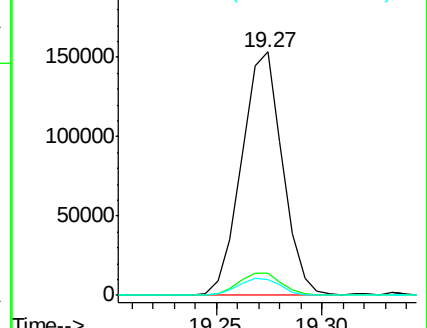
100 6.7 3.4 5.2#



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: 1.24 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BM012646.D

Acq: 01 Nov 2017 20:49

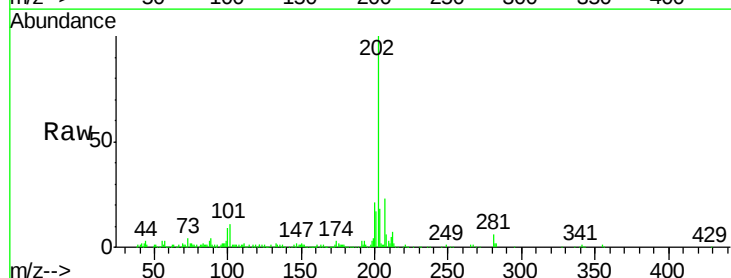
Tgt Ion:202 Resp: 194891

Ion Ratio Lower Upper

202 100

101 10.9 5.1 7.7#

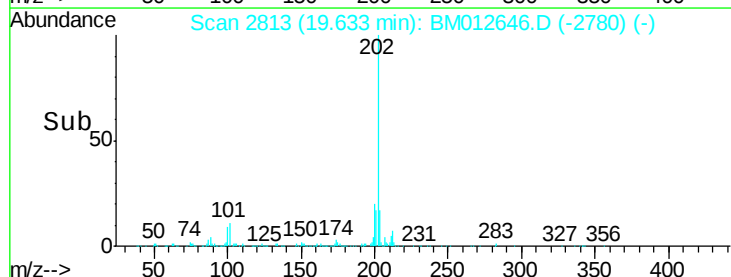
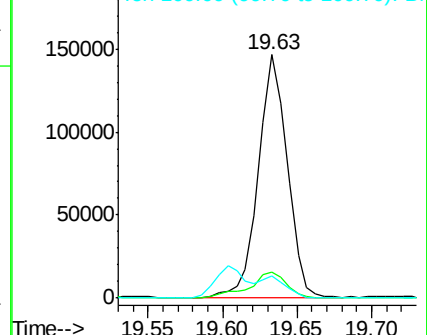
100 9.1 4.9 7.3#

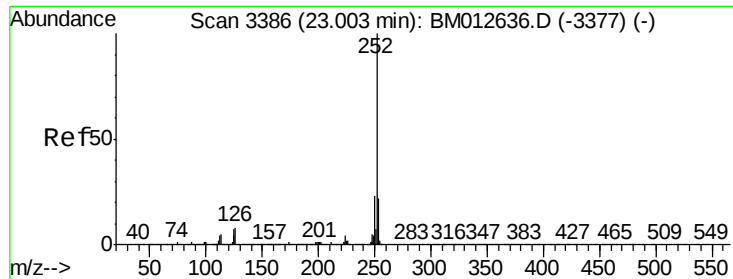


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Benzo(b)fluoranthene

Concen: 1.15 ng/ul

RT: 23.00 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BM012646.D

Acq: 01 Nov 2017 20:49

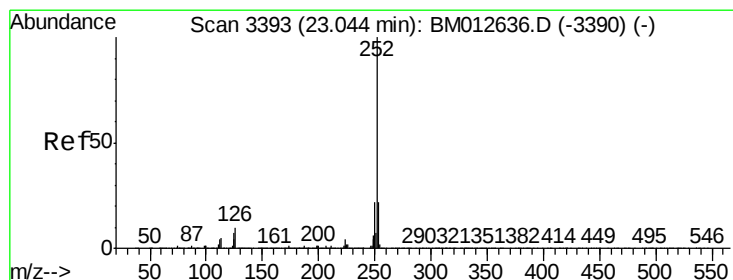
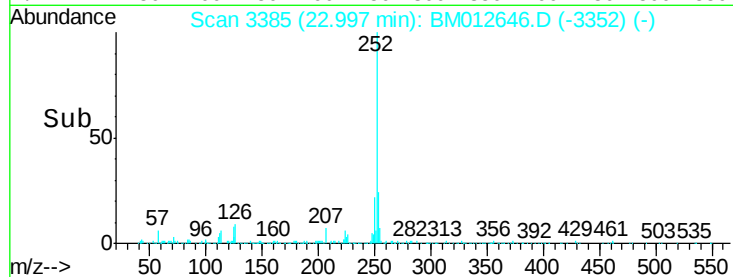
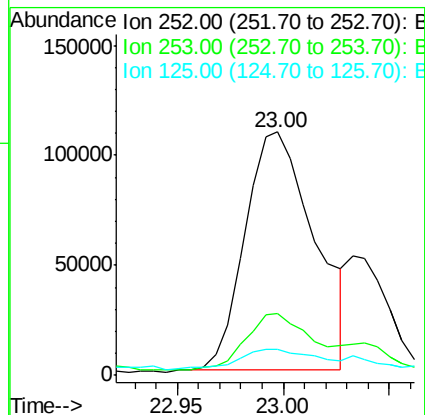
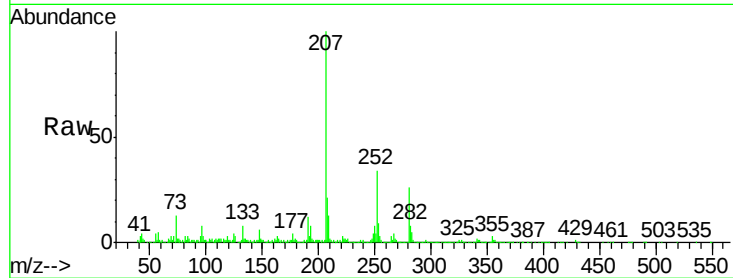
Instrument :

BNA_M

ClientSampleId :

B0DQ8

Tot Ion:252	Resp:	248178
Ion Ratio	Lower	Upper
252	100	
253	25.2	17.9 26.9
125	10.6	3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 1.23 ng/ul

RT: 23.00 min Scan# 3385

Delta R.T. -0.05 min

Lab File: BM012646.D

Acq: 01 Nov 2017 20:49

Tgt Ion:252	Resp:	248178
Ion Ratio	Lower	Upper
252	100	
253	25.2	17.1 25.7
125	10.6	3.4 5.2#

