

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011667.D
 Acq On : 21 Sep 2017 23:16
 Operator : SJ/JU
 Sample : I5283-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 03:54:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 03:47:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	368458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1745070	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1004973	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2179308	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1948144	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1474037	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	5548	0.68	ng/uL	0.00
5) Phenol-d5	7.11	99	101378	2.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	78274	3.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	82103	3.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	77414	2.80	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	37112	2.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	36776	2.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	73614	2.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	92904	3.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	264036	3.11	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	299970	2.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	11597	0.73	ng/ul	0.02
58) Fluorene-d10	15.58	176	224117	3.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	18381	1.45	ng/ul	0.00
71) Anthracene-d10	17.43	188	333938	3.11	ng/ul	0.00
79) Pyrene-d10	19.72	212	363291	3.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	231495	3.30	ng/ul	0.00

Target Compounds

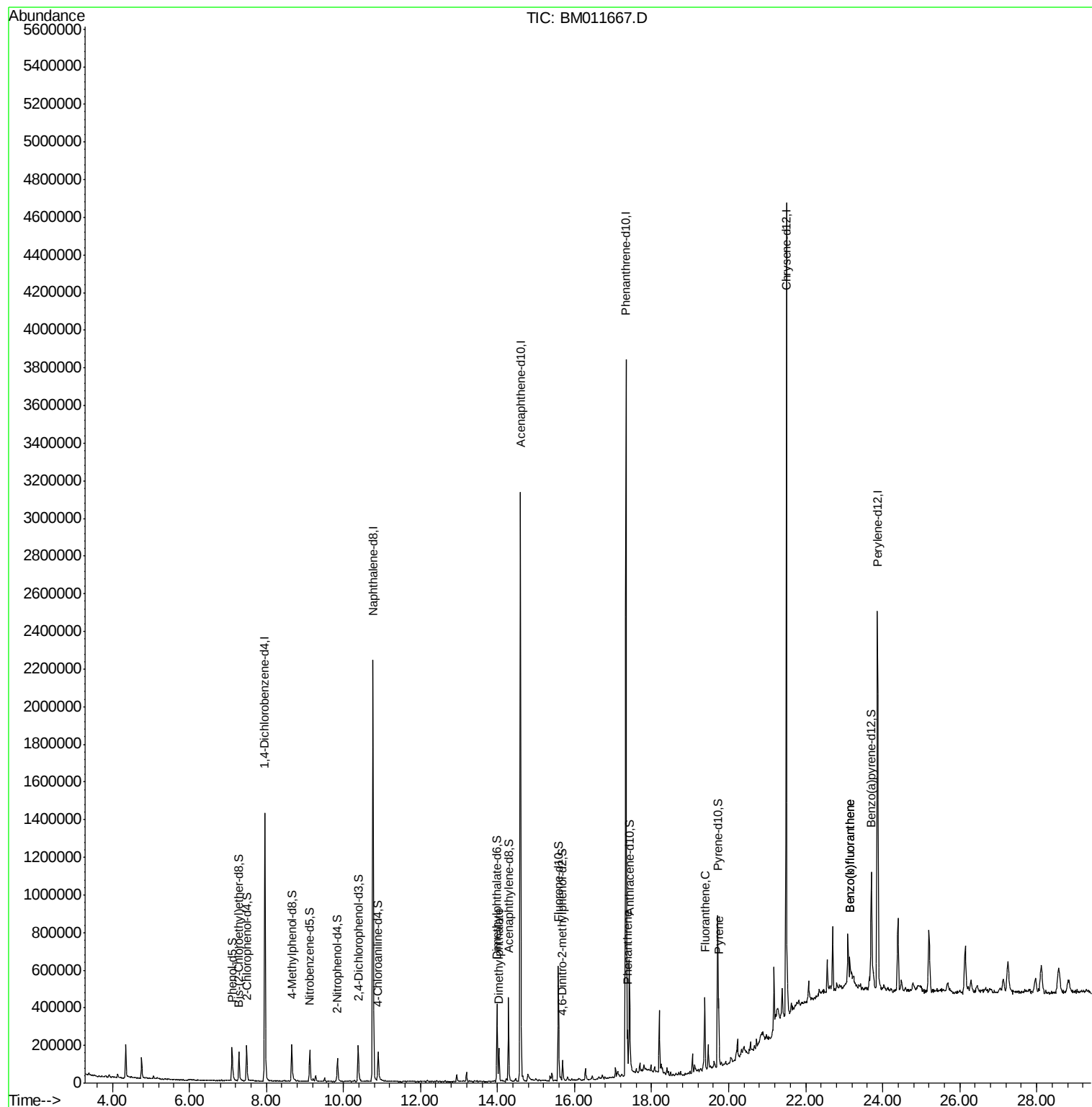
				Ovalue	
45) Dimethylphthalate	14.04	163	107530	1.322	ng/ul# 98
70) Phenanthrene	17.37	178	124707	1.027	ng/ul 98
77) Fluoranthene	19.38	202	216632	1.734	ng/ul# 92
80) Pyrene	19.74	202	185535	1.632	ng/ul# 89
88) Benzo(b)fluoranthene	23.14	252	89153	1.005	ng/ul# 87
89) Benzo(k)fluoranthene	23.14	252	89153	1.047	ng/ul# 87

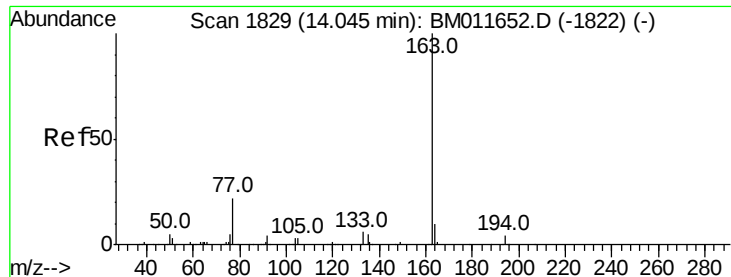
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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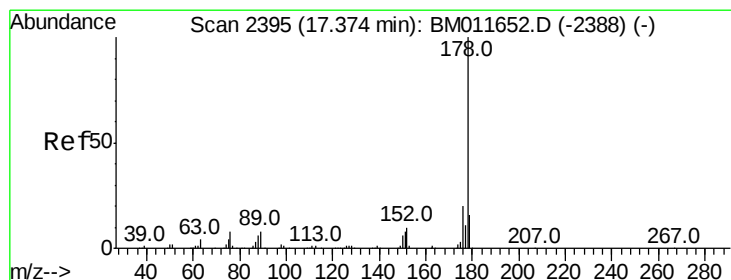
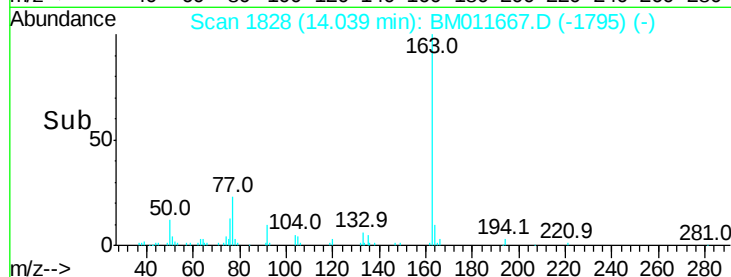
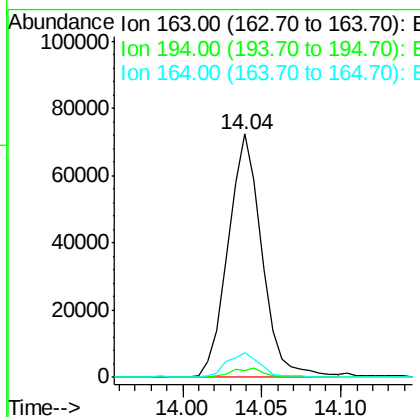
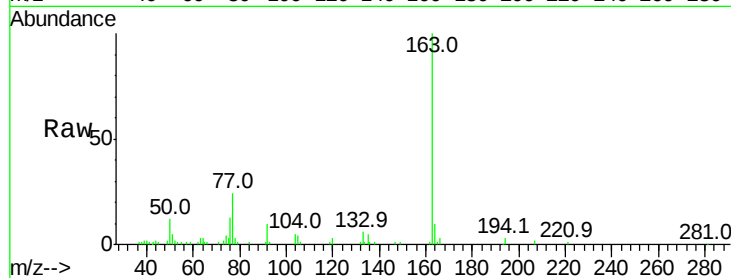




#45
Dimethylphthalate
Concen: 1.322 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM011667.D
Acq: 21 Sep 2017 23:16

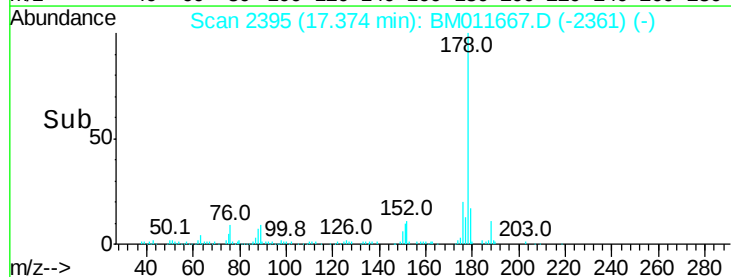
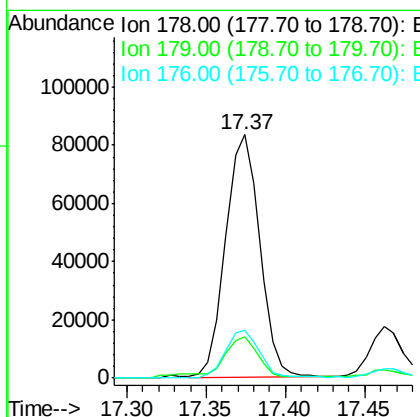
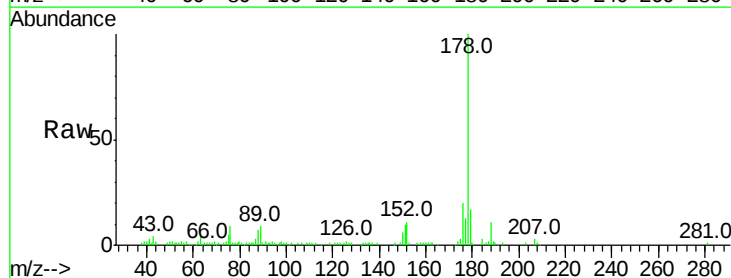
Instrument :
BNA_M
ClientSampleId :

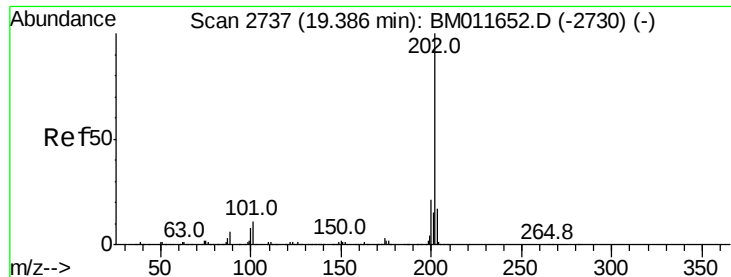
Tot Ion:163 Resp: 107530
Ion Ratio Lower Upper
163 100
194 3.0 4.0 6.0#
164 10.2 8.4 12.6



#70
Phenanthrene
Concen: 1.027 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM011667.D
Acq: 21 Sep 2017 23:16

Tgt Ion:178 Resp: 124707
Ion Ratio Lower Upper
178 100
179 17.0 12.3 18.5
176 19.7 15.4 23.0

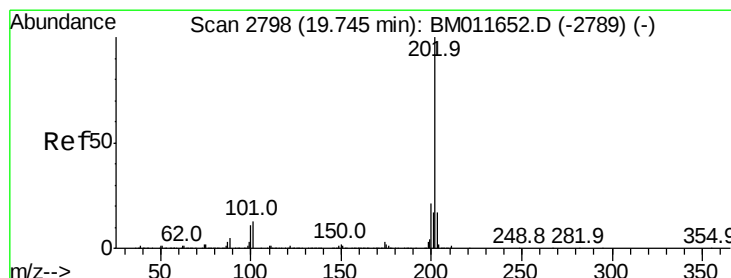
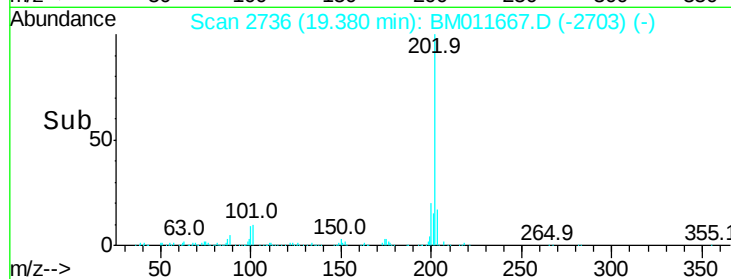
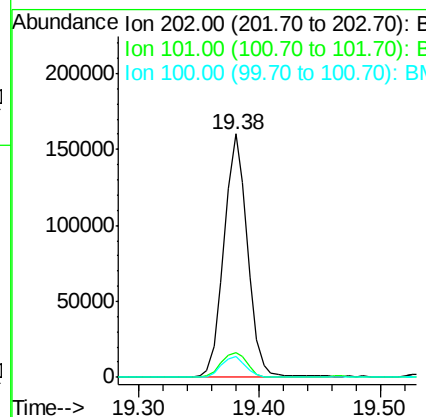
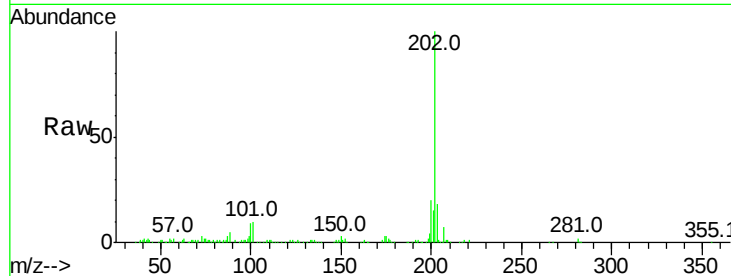




#77
 Fluoranthene
 Concen: 1.734 ng/ul
 RT: 19.38 min Scan# 2736
 Delta R.T. -0.01 min
 Lab File: BM011667.D
 Acq: 21 Sep 2017 23:16

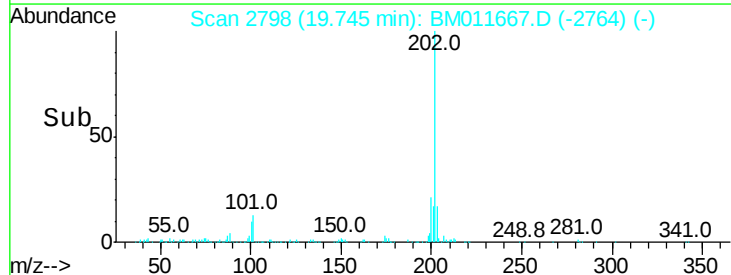
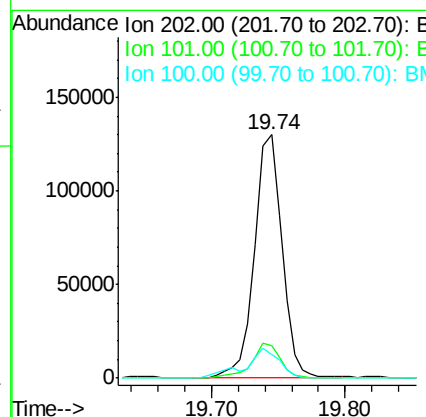
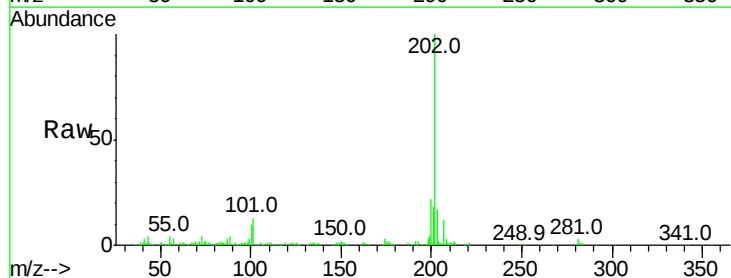
Instrument :
 BNA_M
 ClientSampleId :

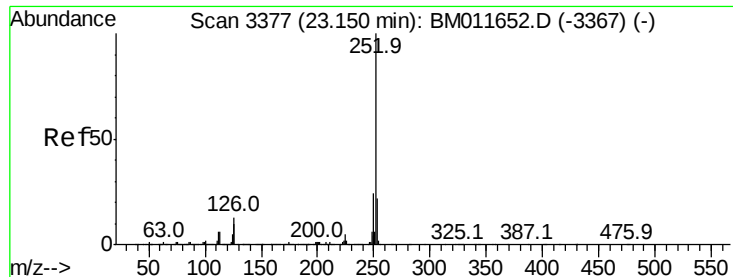
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	6.1	9.1#
100	8.5	4.6	7.0#



#80
 Pyrene
 Concen: 1.632 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BM011667.D
 Acq: 21 Sep 2017 23:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	6.9	10.3#
100	9.7	5.6	8.4#





#88

Benzo(b)fluoranthene

Concen: 1.005 ng/ul

RT: 23.14 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM011667.D

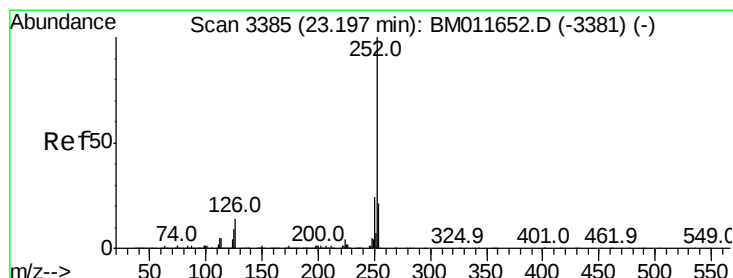
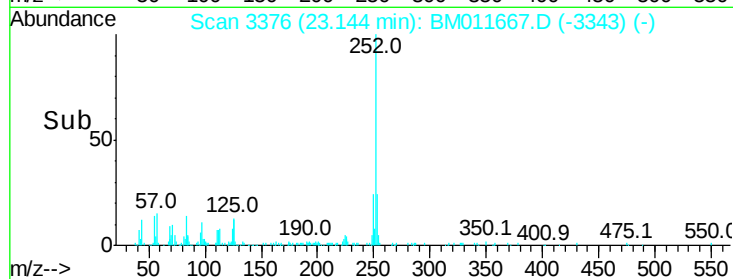
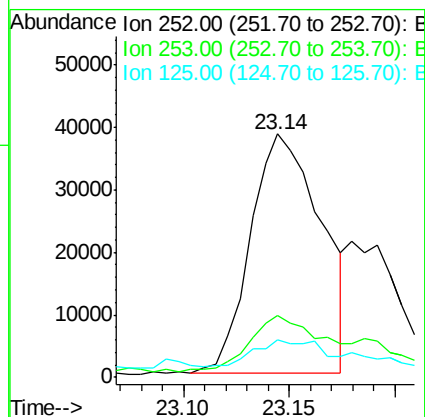
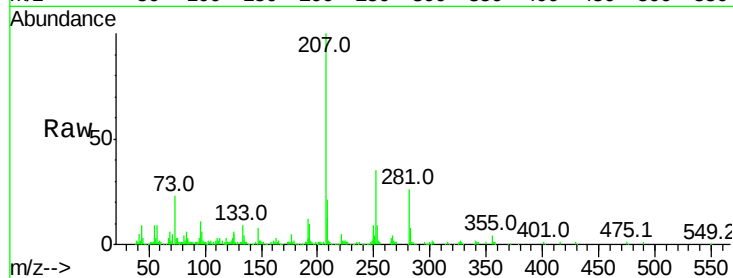
Acq: 21 Sep 2017 23:16

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	89153
Ion Ratio	Lower	Upper
252	100	
253	25.6	17.4 26.0
125	15.7	4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 1.047 ng/ul

RT: 23.14 min Scan# 3376

Delta R.T. -0.05 min

Lab File: BM011667.D

Acq: 21 Sep 2017 23:16

Tgt Ion:252	Resp:	89153
Ion Ratio	Lower	Upper
252	100	
253	25.6	17.1 25.7
125	15.7	5.4 8.0#

