

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
 Data File : BM011918.D
 Acq On : 05 Oct 2017 07:56
 Operator : SJ/JU
 Sample : I5414-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 08:39:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 05 08:36:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	455640	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	2007250	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	1212139	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2731164	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2338867	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	2080346	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	23294	2.42	ng/uL	0.00
5) Phenol-d5	7.03	99	521447	13.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	320827	13.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	464750	14.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	420346	12.40	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	224747	15.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	258090	16.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	501575	15.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	554749	15.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1619006	15.41	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1961718	15.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	202905	11.06	ng/ul	0.00
57) Fluorene-d10	15.51	176	1420086	15.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	120138	6.54	ng/ul	0.00
70) Anthracene-d10	17.36	188	2229379	16.57	ng/ul	0.00
76) Pyrene-d10	19.65	212	2409618	22.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	1656581	16.55	ng/ul	0.00

Target Compounds

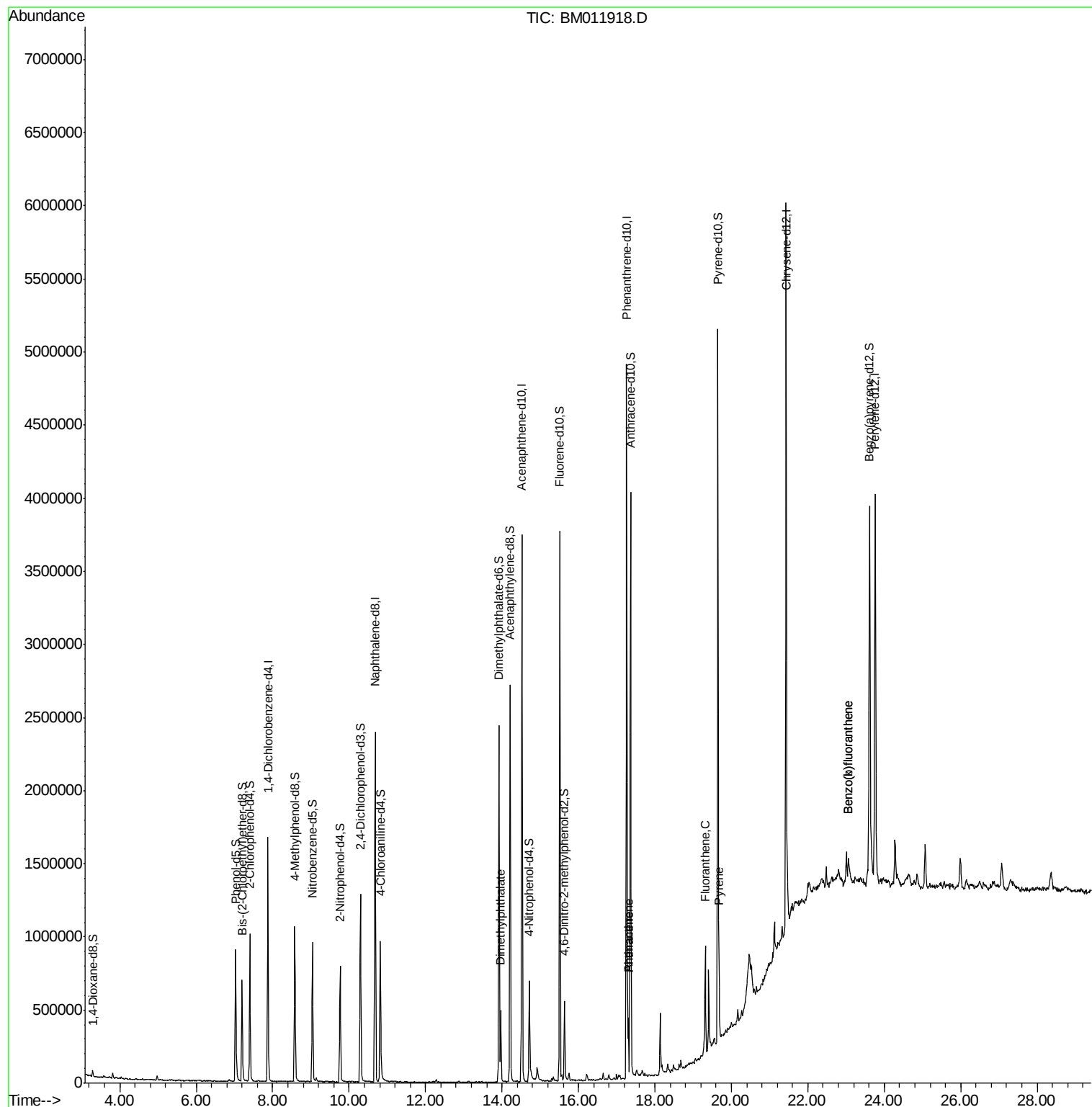
					Ovalue	
44) Dimethylphthalate	13.97	163	291872	2.888	ng/ul	99
69) Phenanthrene	17.30	178	235181	1.565	ng/ul	98
71) Anthracene	17.30	178	235181	1.539	ng/ul	98
74) Fluoranthene	19.32	202	436132	2.379	ng/ul#	90
77) Pyrene	19.68	202	304530	2.348	ng/ul#	91
85) Benzo(b)fluoranthene	23.06	252	130456	1.032	ng/ul#	93
86) Benzo(k)fluoranthene	23.06	252	130456	1.033	ng/ul#	91

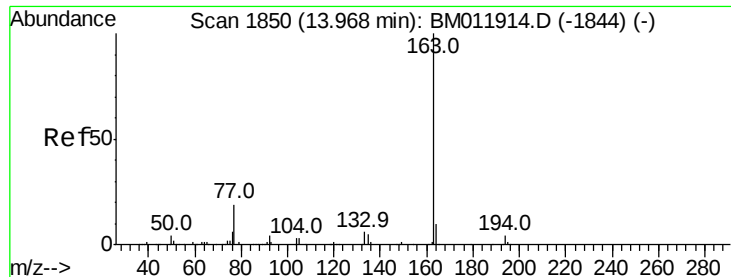
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
Data File : BM011918.D
Acq On : 05 Oct 2017 07:56
Operator : SJ/JU
Sample : I5414-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 05 08:39:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 05 08:36:55 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.888 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BM011918.D

Acq: 05 Oct 2017 07:56

Instrument :

BNA_M

ClientSampleId :

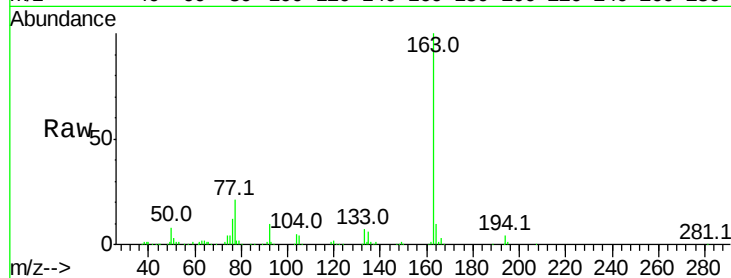
Tot Ion:163 Resp: 291872

Ion Ratio Lower Upper

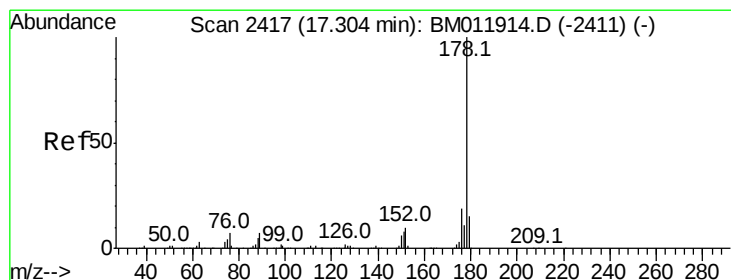
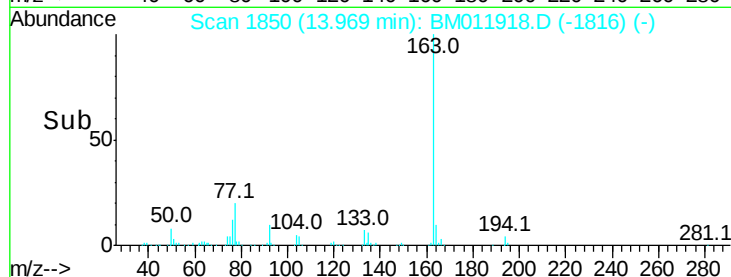
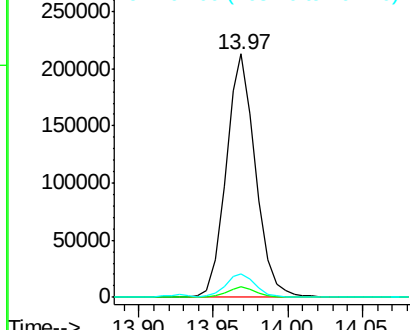
163 100

194 4.3 3.5 5.3

164 9.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.565 ng/ul

RT: 17.30 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BM011918.D

Acq: 05 Oct 2017 07:56

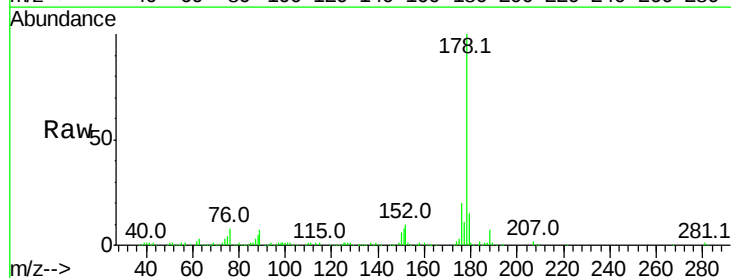
Tgt Ion:178 Resp: 235181

Ion Ratio Lower Upper

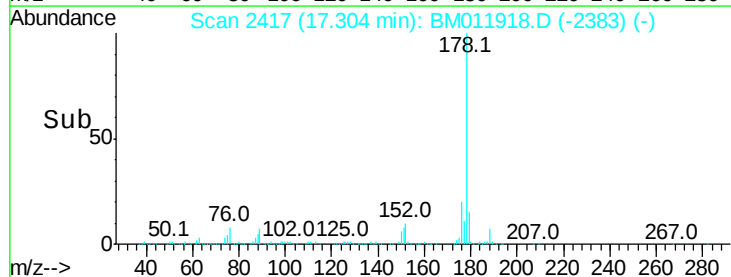
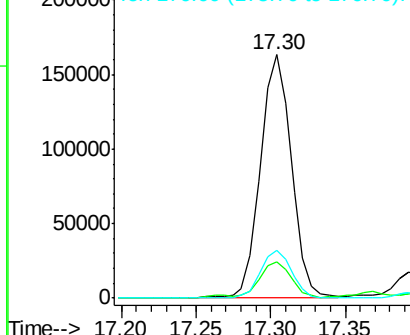
178 100

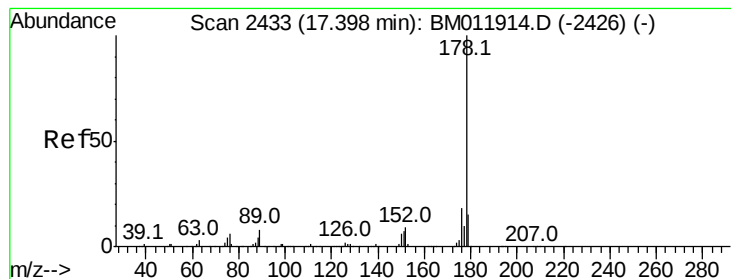
179 15.1 12.6 19.0

176 19.6 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.539 ng/ul

RT: 17.30 min Scan# 2417

Delta R.T. -0.09 min

Lab File: BM011918.D

Acq: 05 Oct 2017 07:56

Instrument :

BNA_M

ClientSampleId :

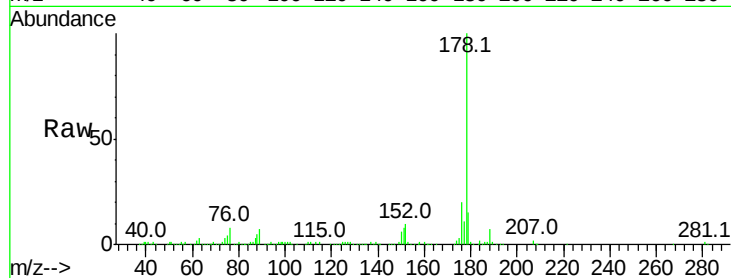
Tot Ion:178 Resp: 235181

Ion Ratio Lower Upper

178 100

179 15.1 11.7 17.5

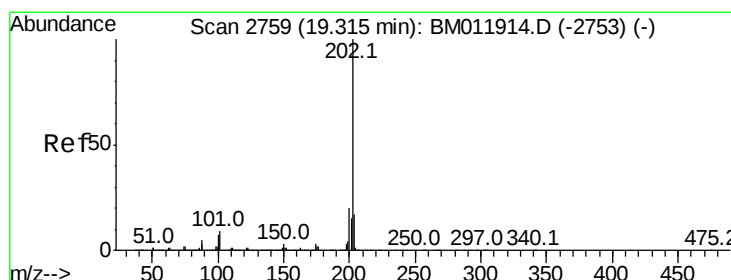
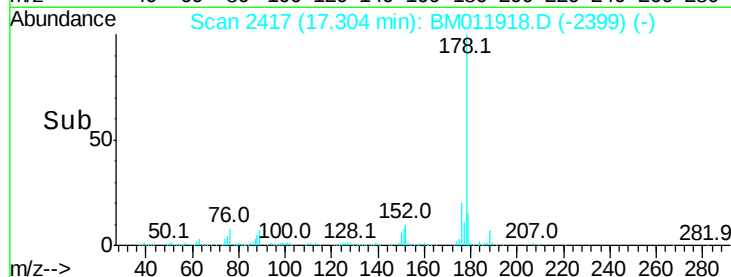
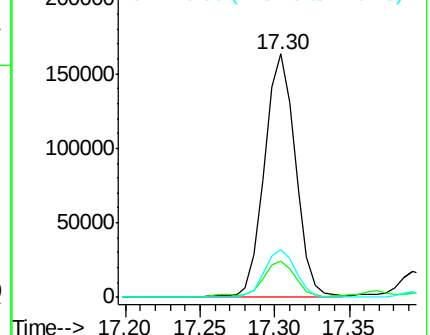
176 19.6 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 2.379 ng/ul

RT: 19.32 min Scan# 2759

Delta R.T. 0.00 min

Lab File: BM011918.D

Acq: 05 Oct 2017 07:56

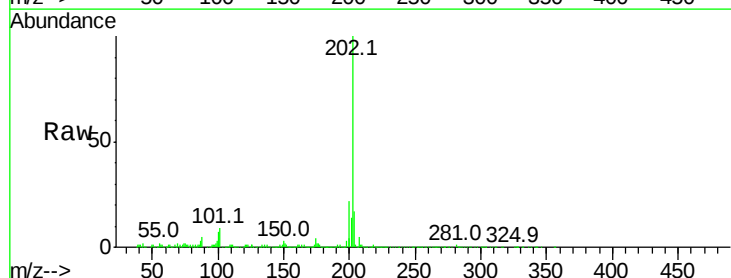
Tgt Ion:202 Resp: 436132

Ion Ratio Lower Upper

202 100

101 9.5 4.6 7.0#

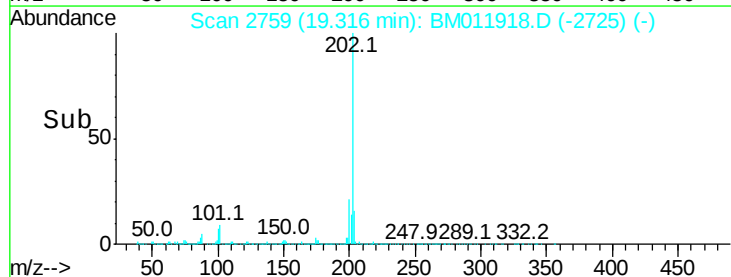
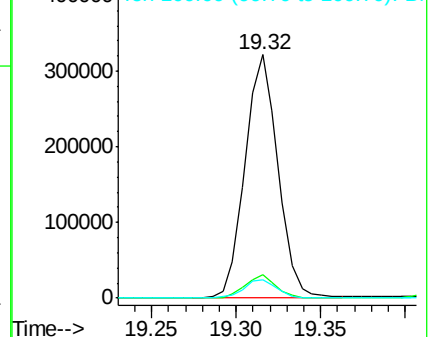
100 7.4 3.4 5.2#

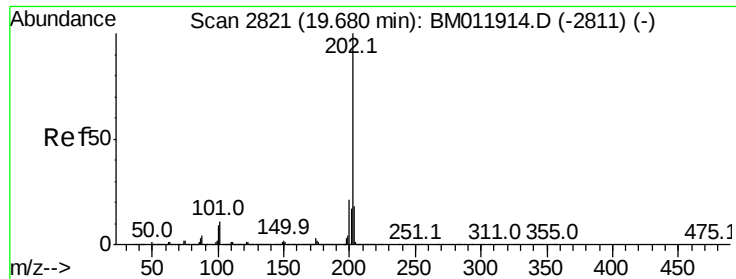


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

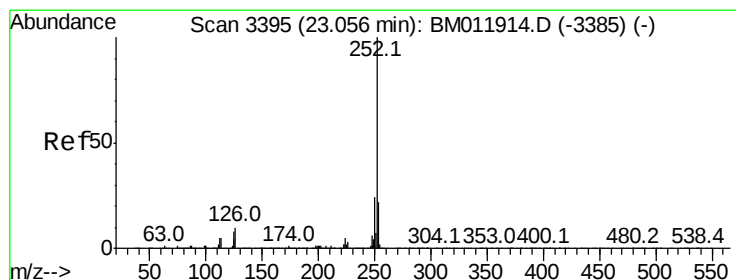
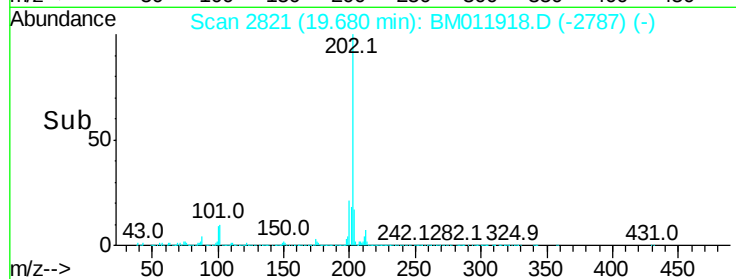
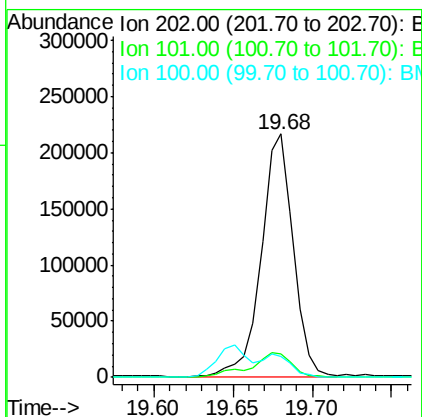
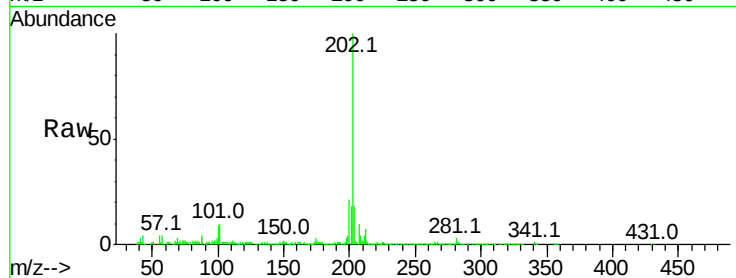




#77
 Pvrene
 Concen: 2.348 ng/ul
 RT: 19.68 min Scan# 2821
 Delta R.T. 0.00 min
 Lab File: BM011918.D
 Acq: 05 Oct 2017 07:56

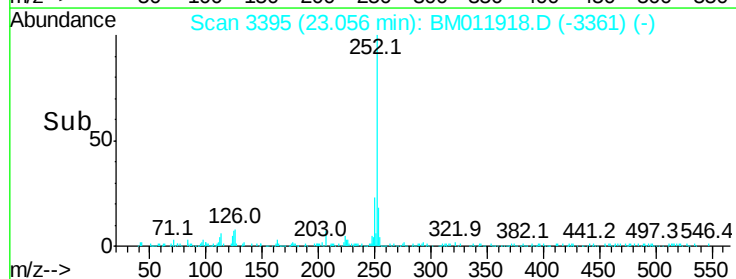
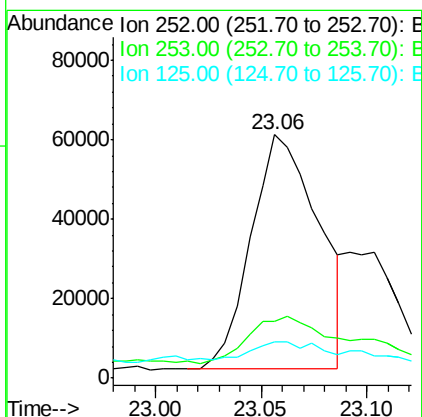
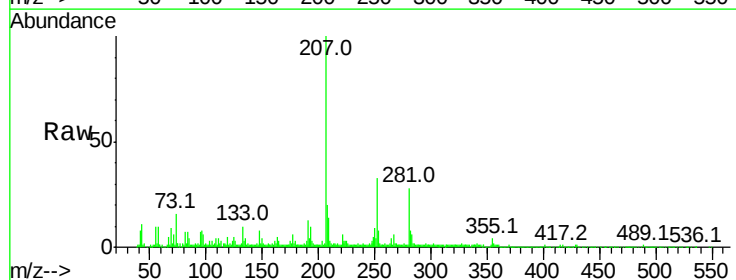
Instrument :
 BNA_M
 ClientSampleId :

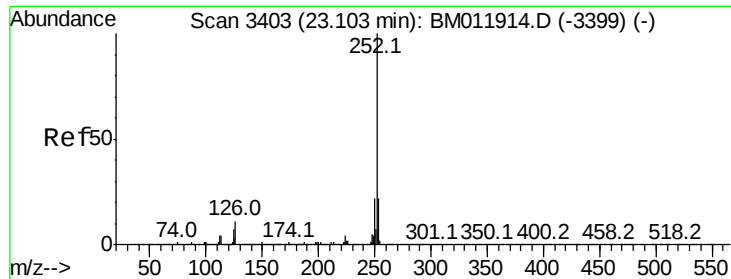
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	5.1	7.7#
100	8.5	4.9	7.3#



#85
 Benzo(b)fluoranthene
 Concen: 1.032 ng/ul
 RT: 23.06 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: BM011918.D
 Acq: 05 Oct 2017 07:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	14.9	3.6	5.4#





#86

Benzo(k)fluoranthene

Concen: 1.033 ng/ul

RT: 23.06 min Scan# 3395

Delta R.T. -0.05 min

Lab File: BM011918.D

Acq: 05 Oct 2017 07:56

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	130456
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.1	25.7
125	14.9	3.4	5.2#

