

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011678.D
 Acq On : 22 Sep 2017 05:56
 Operator : SJ/JU
 Sample : I5284-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 08:46:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 08:34:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	578204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	2691813	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1514476	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	3225789	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2603202	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2056734	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	14119	1.10	ng/uL	0.00
5) Phenol-d5	7.11	99	373357	6.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	328534	8.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	316268	7.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	293217	6.76	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	171160	8.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	138785	6.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	276098	6.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	73112	1.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	819564	6.40	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1304822	8.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	22972	0.95	ng/ul	0.01
58) Fluorene-d10	15.58	176	924353	8.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	30867	1.64	ng/ul	0.00
71) Anthracene-d10	17.43	188	1399722	8.81	ng/ul	0.00
79) Pyrene-d10	19.72	212	1544114	12.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	919952	9.39	ng/ul	0.00

Target Compounds

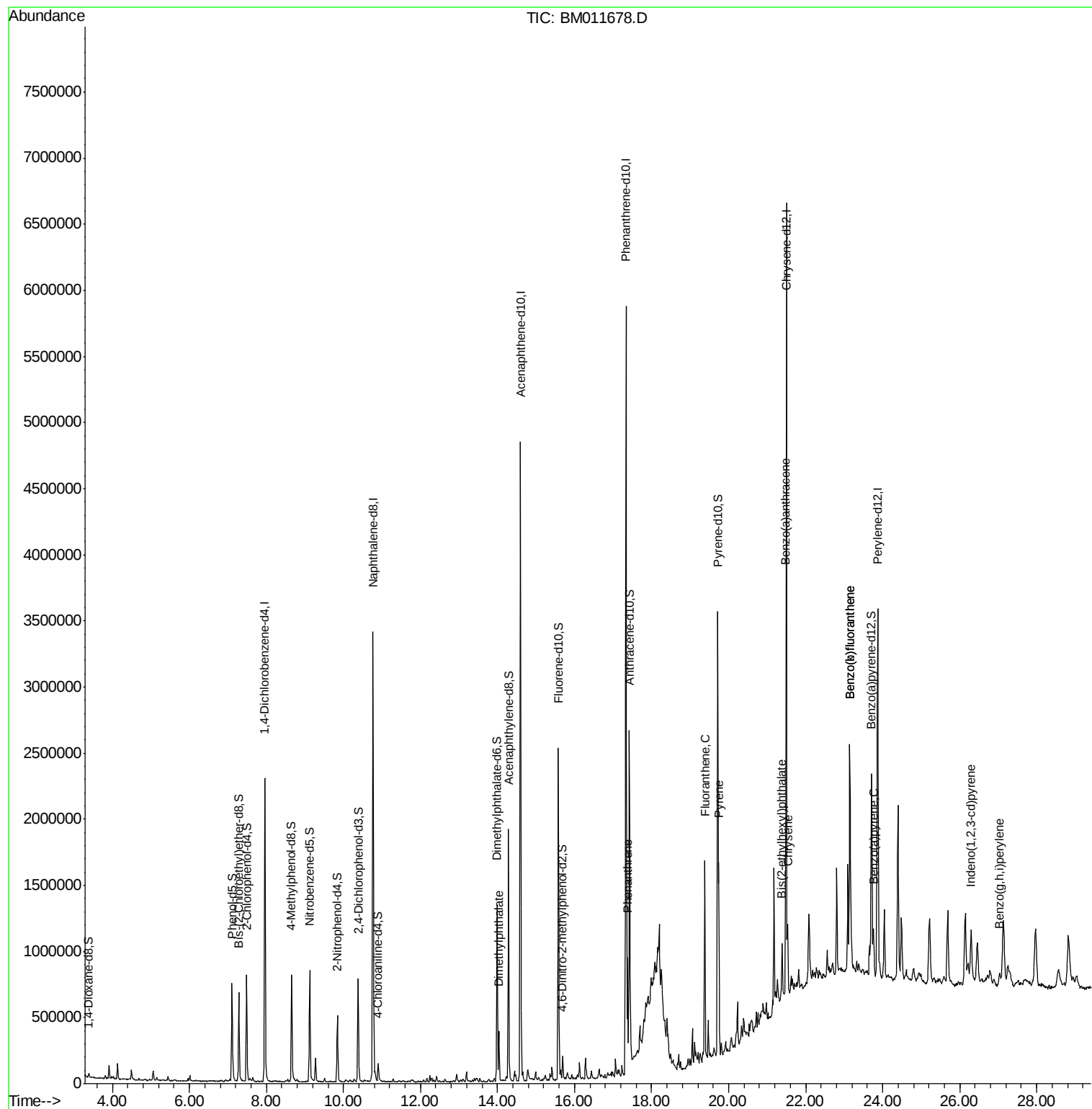
					Ovalue	
45) Dimethylphthalate	14.04	163	211620	1.726	ng/ul#	98
70) Phenanthrene	17.37	178	473788	2.635	ng/ul	99
77) Fluoranthene	19.38	202	875215	4.732	ng/ul#	91
80) Pyrene	19.74	202	760083	5.004	ng/ul#	91
83) Benzo(a)anthracene	21.48	228	377098	2.631	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.39	149	126790	1.182	ng/ul#	95
85) Chrysene	21.53	228	344620	2.652	ng/ul	99
88) Benzo(b)fluoranthene	23.14	252	390083	3.153	ng/ul#	87
89) Benzo(k)fluoranthene	23.14	252	390083	3.283	ng/ul#	86
91) Benzo(a)pyrene	23.76	252	241946	2.072	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	26.29	276	151014	1.175	ng/ul#	93
94) Benzo(g,h,i)perylene	27.04	276	112778	1.084	ng/ul#	88

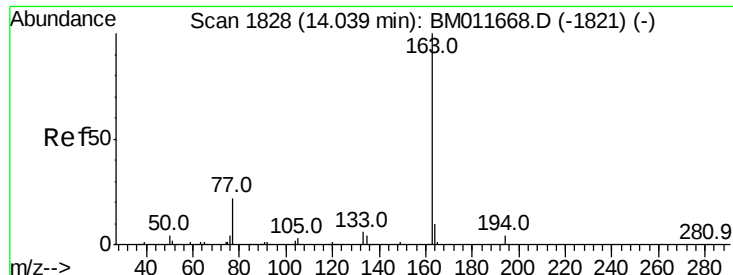
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011678.D
Acq On : 22 Sep 2017 05:56
Operator : SJ/JU
Sample : I5284-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 22 08:46:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 08:34:40 2017
Response via : Initial Calibration

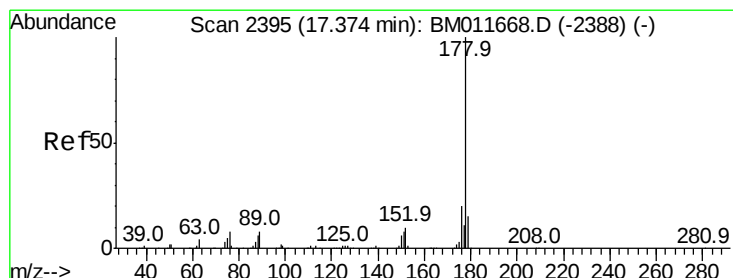
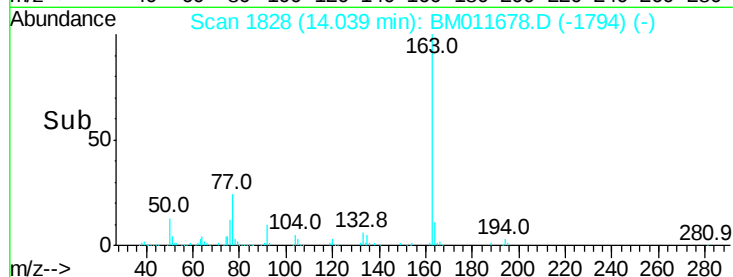
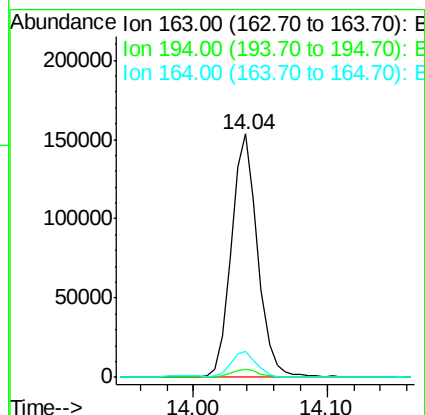
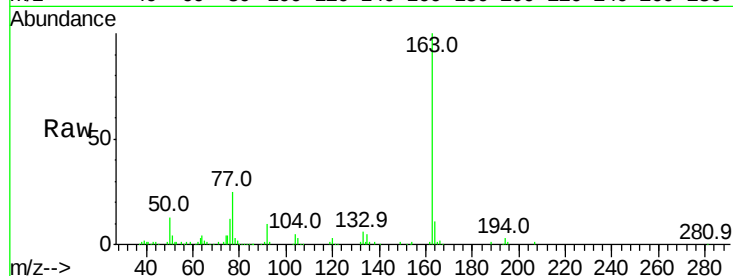




#45
Dimethylphthalate
Concen: 1.726 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BM011678.D
Acq: 22 Sep 2017 05:56

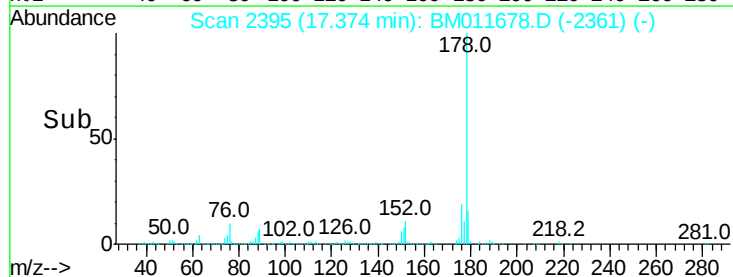
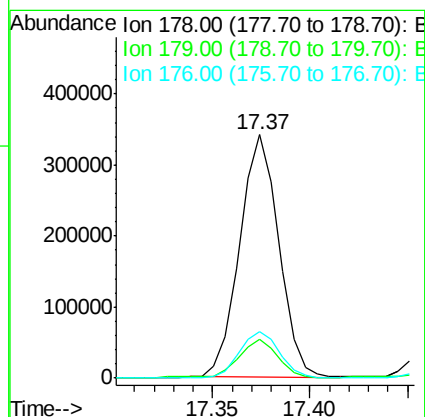
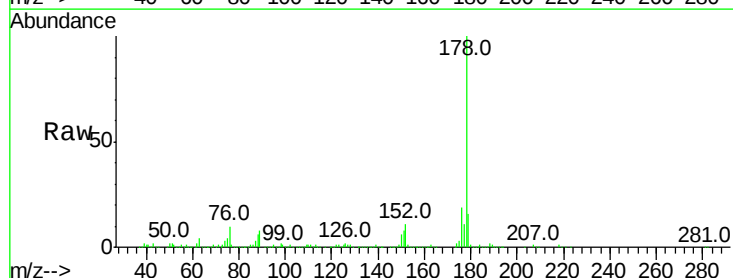
Instrument :
BNA_M
ClientSampleId :

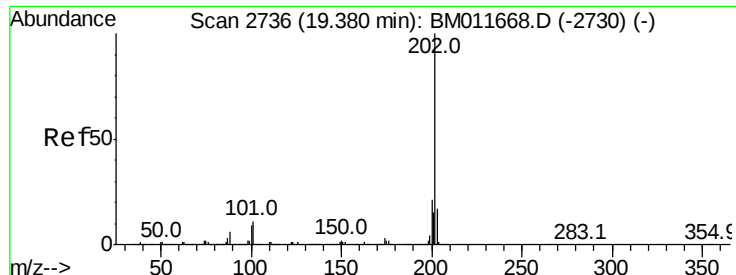
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.0	6.0#
164	10.6	8.4	12.6



#70
Phenanthrene
Concen: 2.635 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM011678.D
Acq: 22 Sep 2017 05:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.0	15.4	23.0

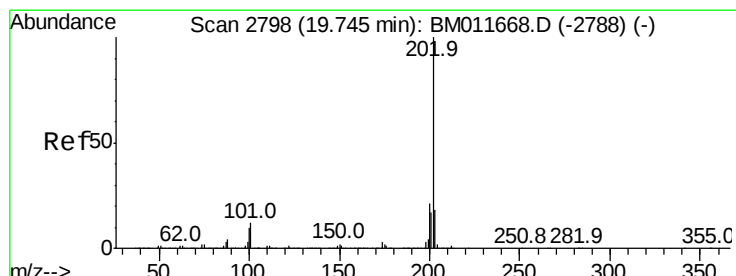
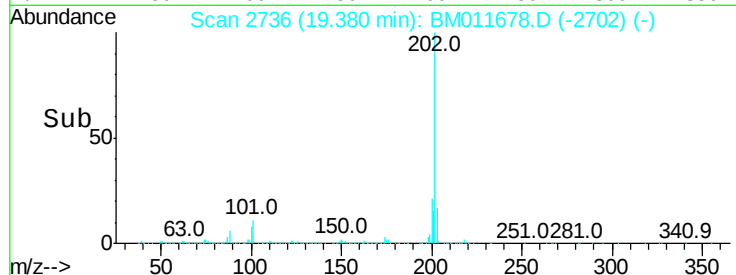
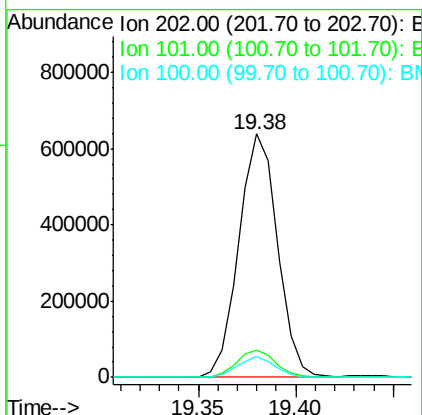
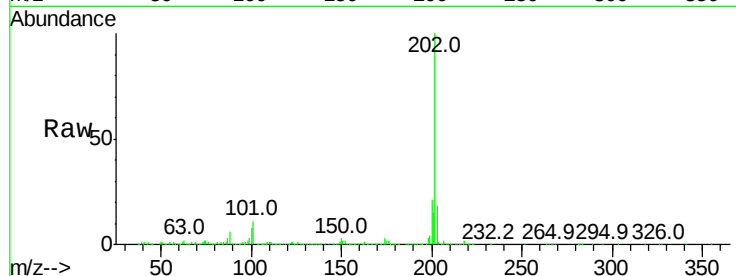




#77
 Fluoranthene
 Concen: 4.732 ng/ul
 RT: 19.38 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM011678.D
 Acq: 22 Sep 2017 05:56

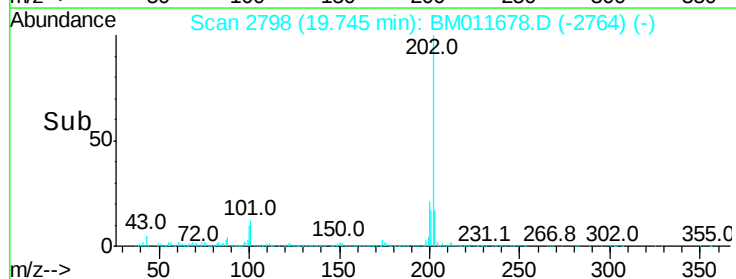
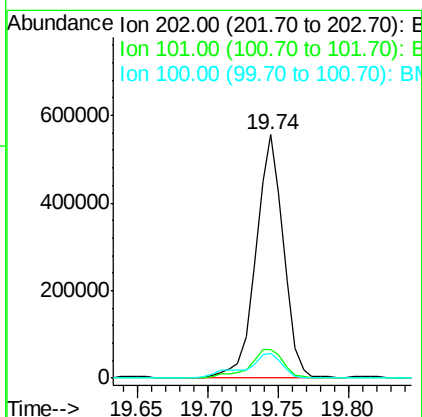
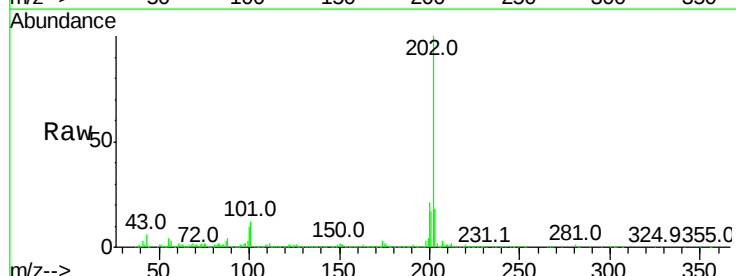
Instrument :
 BNA_M
 ClientSampleId :

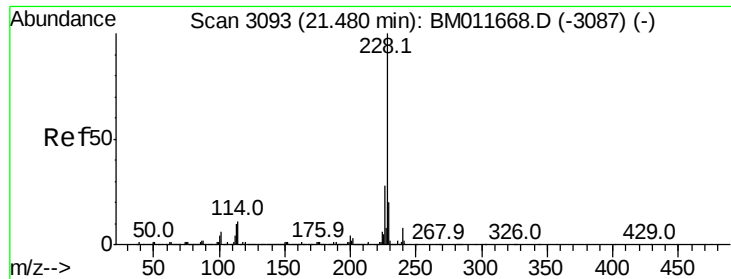
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	6.1	9.1#
100	8.5	4.6	7.0#



#80
 Pyrene
 Concen: 5.004 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BM011678.D
 Acq: 22 Sep 2017 05:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	6.9	10.3#
100	10.3	5.6	8.4#





#83

Benzo(a)anthracene

Concen: 2.631 ng/ul

RT: 21.48 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM011678.D

Acq: 22 Sep 2017 05:56

Instrument :

BNA_M

ClientSampleId :

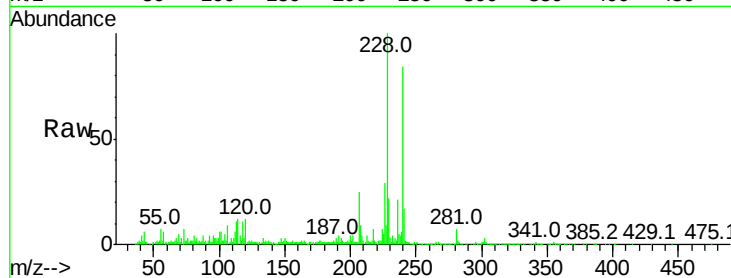
Tot Ion:228 Resp: 377098

Ion Ratio Lower Upper

228 100

229 22.2 16.0 24.0

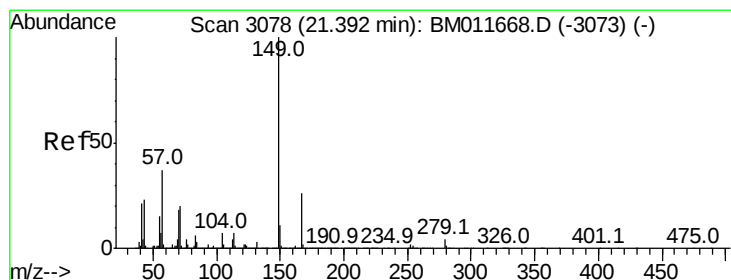
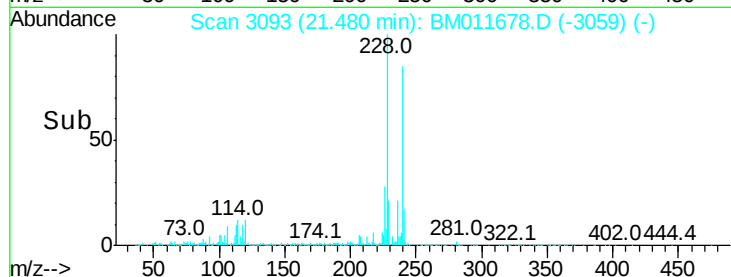
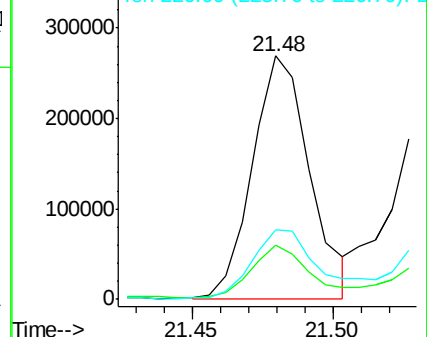
226 28.6 21.8 32.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.182 ng/ul

RT: 21.39 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM011678.D

Acq: 22 Sep 2017 05:56

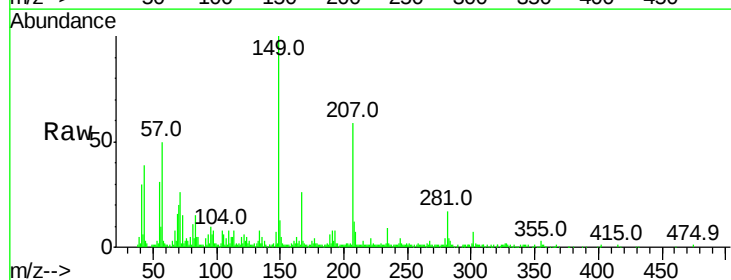
Tgt Ion:149 Resp: 126790

Ion Ratio Lower Upper

149 100

167 25.9 23.0 34.6

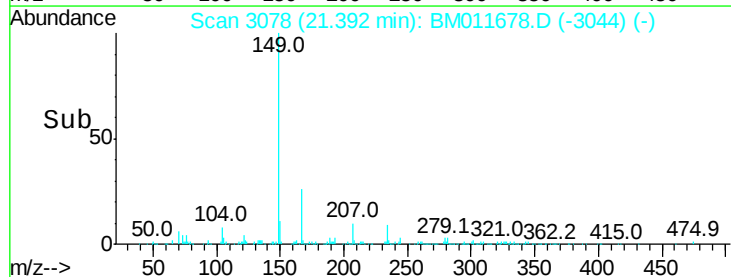
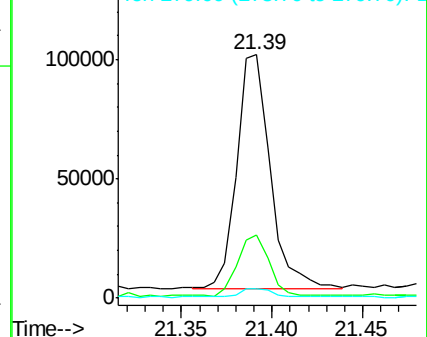
279 3.7 4.3 6.5#

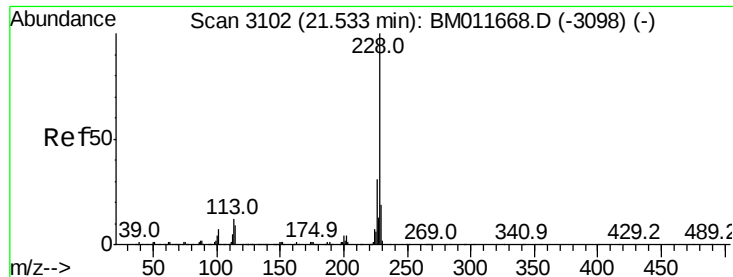


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 2.652 ng/ul

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM011678.D

Acq: 22 Sep 2017 05:56

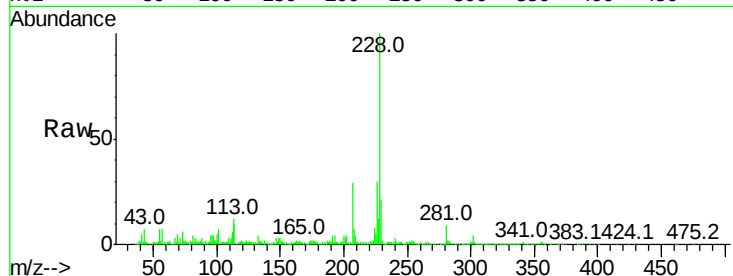
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 344620

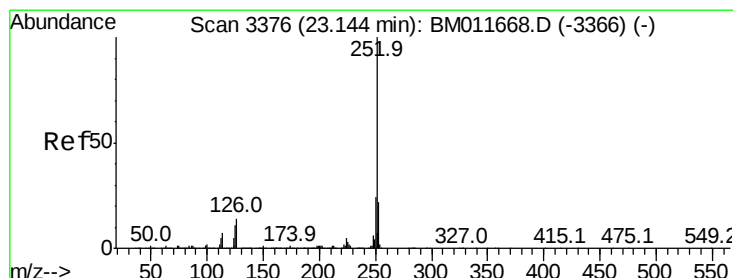
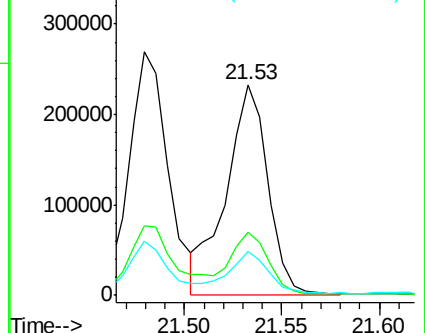
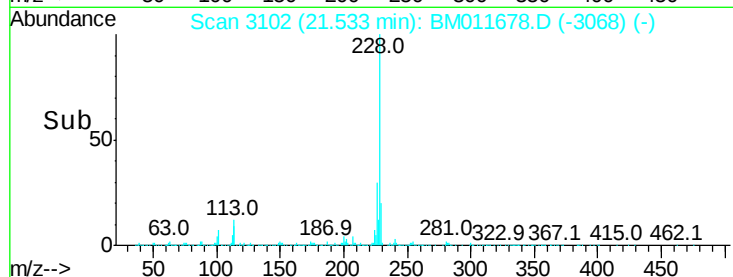
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	20.6	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 3.153 ng/ul

RT: 23.14 min Scan# 3376

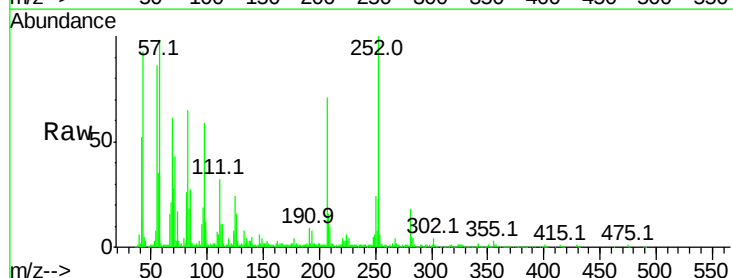
Delta R.T. -0.00 min

Lab File: BM011678.D

Acq: 22 Sep 2017 05:56

Tgt Ion:252 Resp: 390083

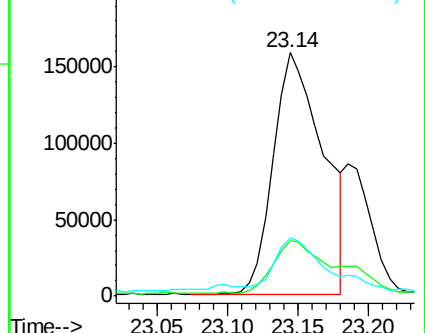
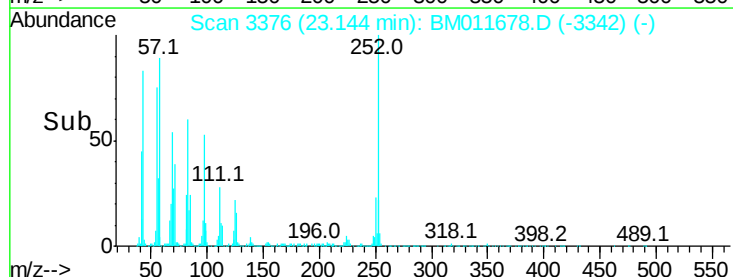
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	23.6	4.9	7.3#

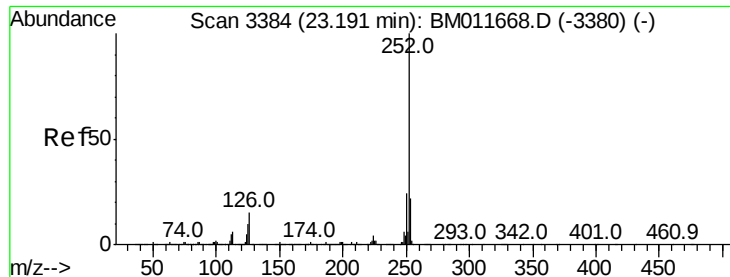


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.283 ng/ul

RT: 23.14 min Scan# 3376

Delta R.T. -0.05 min

Lab File: BM011678.D

Acq: 22 Sep 2017 05:56

Instrument :

BNA_M

ClientSampleId :

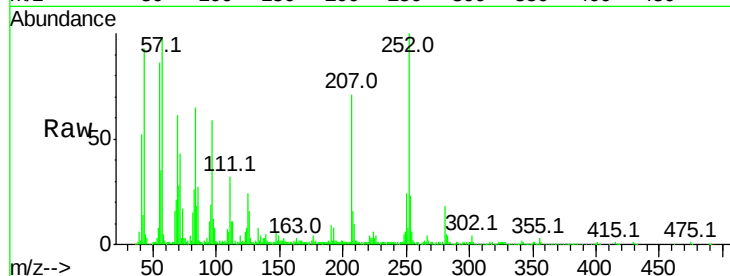
Tot Ion:252 Resp: 390083

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

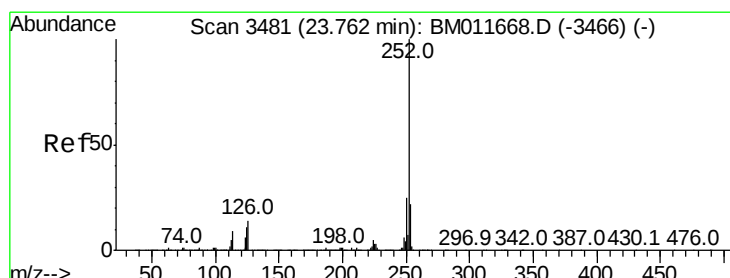
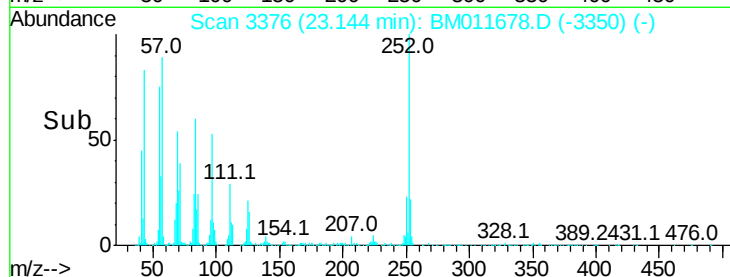
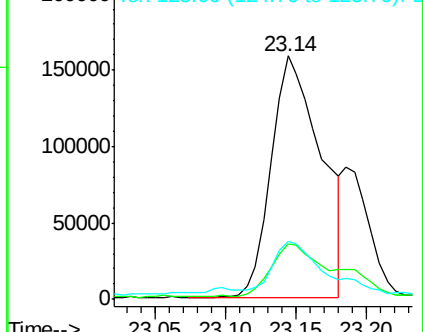
125 23.6 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 2.072 ng/ul

RT: 23.76 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BM011678.D

Acq: 22 Sep 2017 05:56

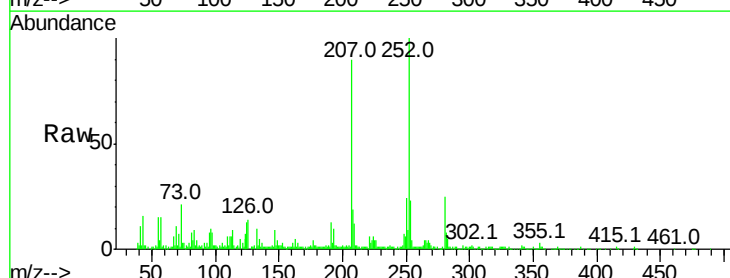
Tgt Ion:252 Resp: 241946

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

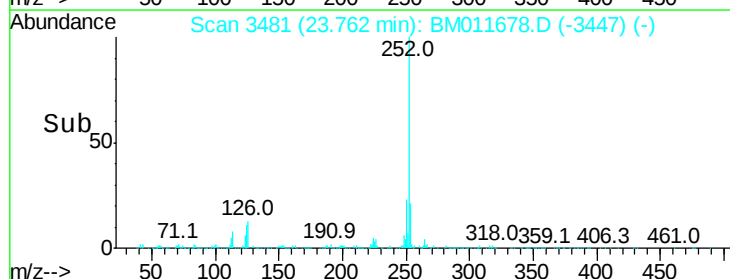
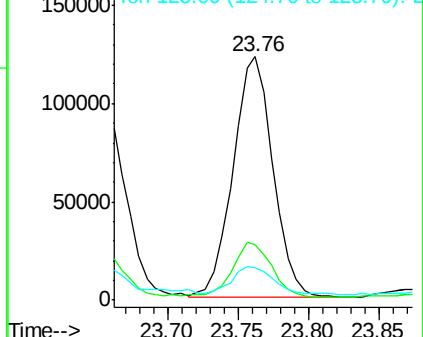
125 13.3 5.8 8.6#

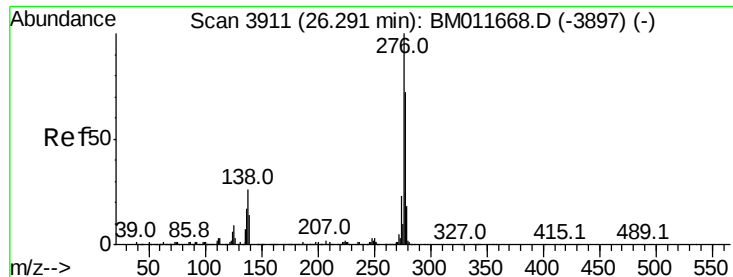


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

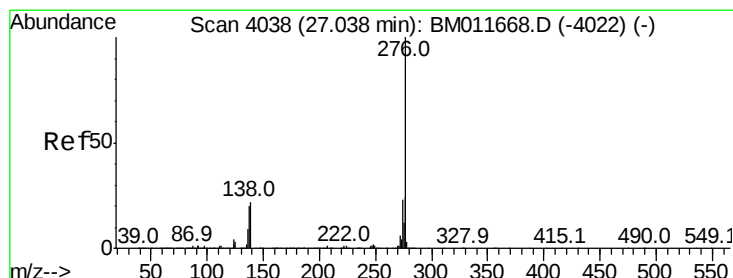
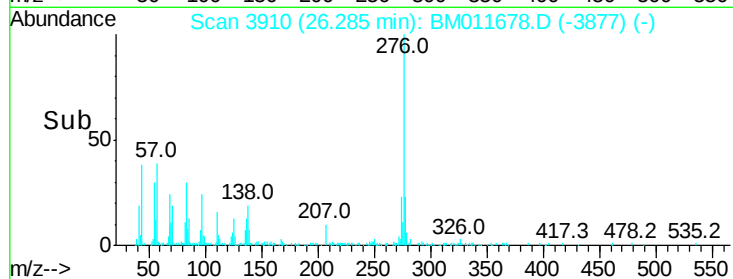
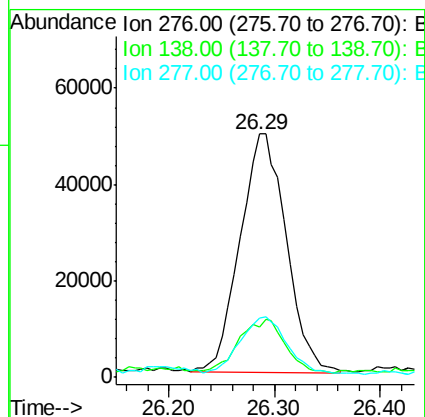
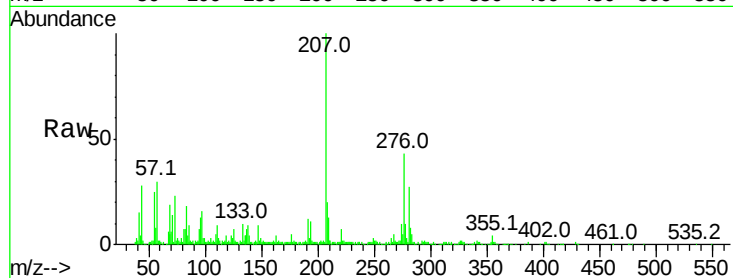




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.175 ng/ul
 RT: 26.29 min Scan# 3910
 Delta R.T. -0.01 min
 Lab File: BM011678.D
 Acq: 22 Sep 2017 05:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.5	10.9	16.3#
277	24.1	18.9	28.3



#94
 Benzo(g,h,i)perylene
 Concen: 1.084 ng/ul
 RT: 27.04 min Scan# 4038
 Delta R.T. -0.00 min
 Lab File: BM011678.D
 Acq: 22 Sep 2017 05:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	11.2	16.8#
277	23.9	19.0	28.6

