

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011681.D
 Acq On : 22 Sep 2017 07:44
 Operator : SJ/JU
 Sample : I5287-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 08:47:11 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	493539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	2150879	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1123769	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2277657	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2219855	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1861279	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	24328	2.22	ng/uL	0.00
5) Phenol-d5	7.11	99	736835	15.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	510610	15.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	588890	16.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	520242	14.06	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	271072	16.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	281390	16.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	510707	14.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	149807	3.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1504584	15.84	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1818950	15.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	142292	7.97	ng/ul	0.00
58) Fluorene-d10	15.58	176	1250542	15.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	117563	8.87	ng/ul	0.00
71) Anthracene-d10	17.43	188	1802204	16.07	ng/ul	0.00
79) Pyrene-d10	19.72	212	2011838	19.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	1455472	16.41	ng/ul	0.00

Target Compounds

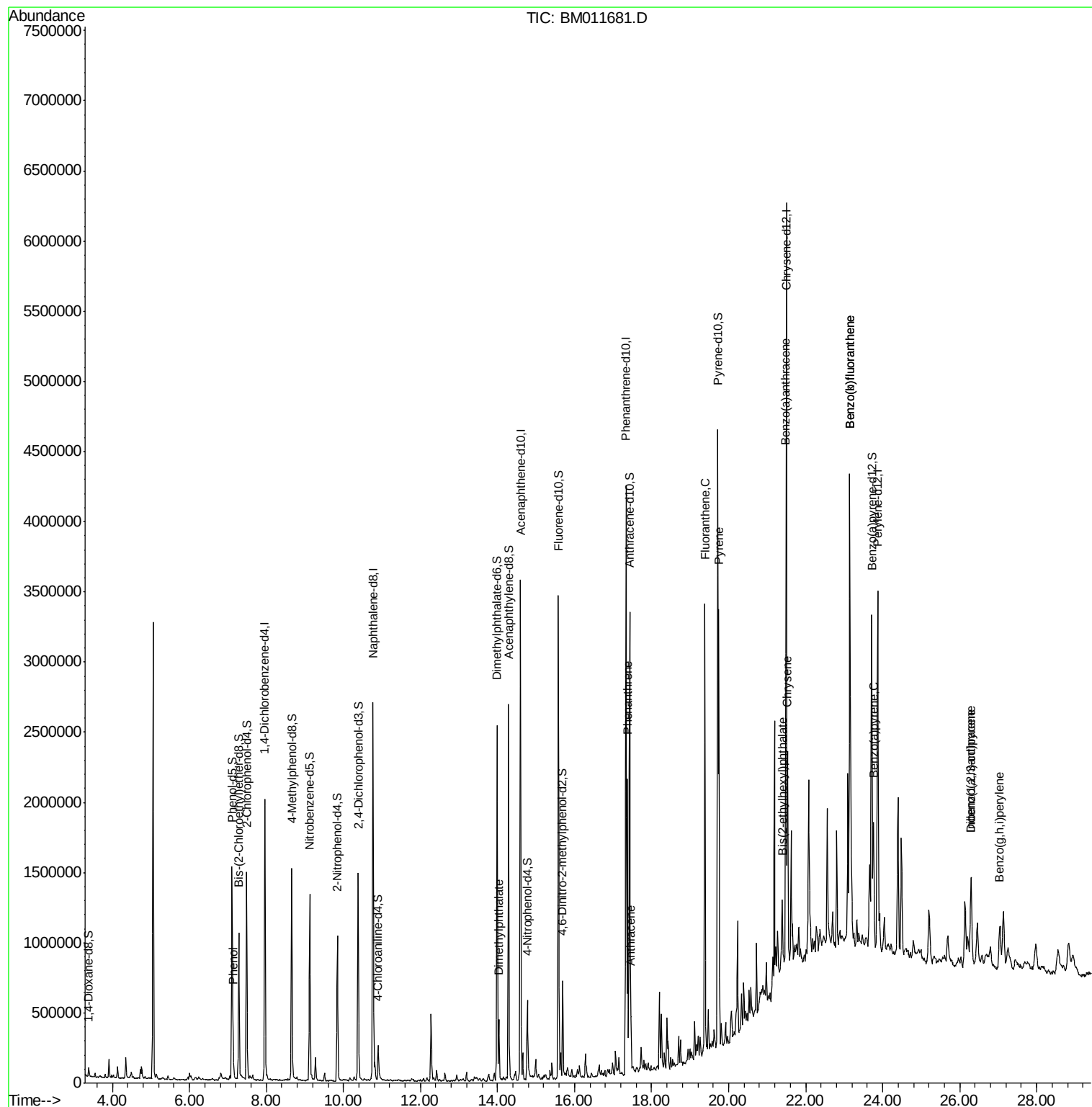
					Ovalue	
6) Phenol	7.14	94	102691	2.183	ng/ul#	87
45) Dimethylphthalate	14.04	163	231699	2.547	ng/ul#	99
70) Phenanthrene	17.37	178	1205405	9.495	ng/ul	99
72) Anthracene	17.46	178	247782	1.902	ng/ul	98
77) Fluoranthene	19.38	202	1876396	14.370	ng/ul#	90
80) Pyrene	19.74	202	1731040	13.365	ng/ul#	89
83) Benzo(a)anthracene	21.48	228	861558	7.049	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.39	149	96839	1.059	ng/ul	95
85) Chrysene	21.53	228	822916	7.427	ng/ul	98
88) Benzo(b)fluoranthene	23.15	252	954620	8.525	ng/ul#	91
89) Benzo(k)fluoranthene	23.15	252	954620	8.877	ng/ul#	90
91) Benzo(a)pyrene	23.76	252	622088	5.886	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.29	276	406806	3.499	ng/ul#	91
93) Dibenzo(a,h)anthracene	26.30	278	107726	1.093	ng/ul#	84
94) Benzo(g,h,i)perylene	27.04	276	413310	4.390	ng/ul#	91

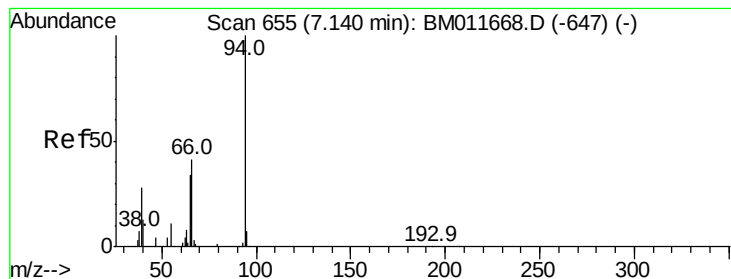
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011681.D
Acq On : 22 Sep 2017 07:44
Operator : SJ/JU
Sample : I5287-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

Quant Time: Sep 22 08:47:11 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





#6

Phenol

Concen: 2.183 ng/ul

RT: 7.14 min Scan# 655

Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Instrument :

BNA_M

ClientSampleId :

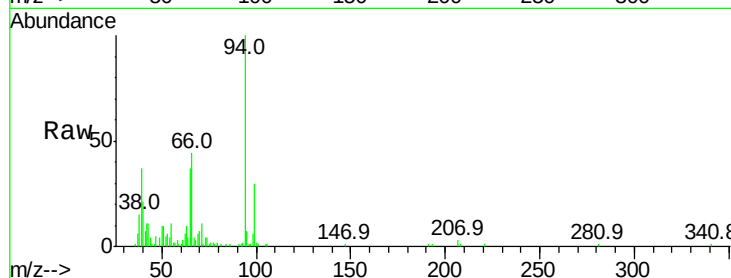
Tot Ion: 94 Resp: 102691

Ion Ratio Lower Upper

94 100

65 37.5 23.0 34.6#

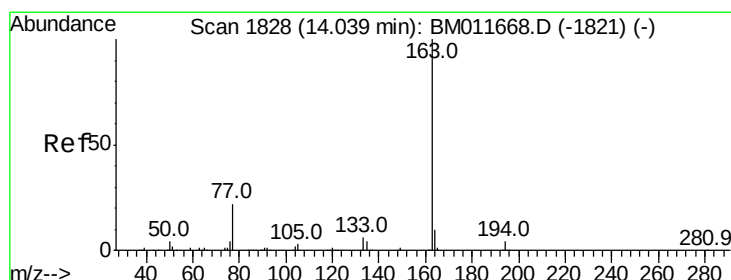
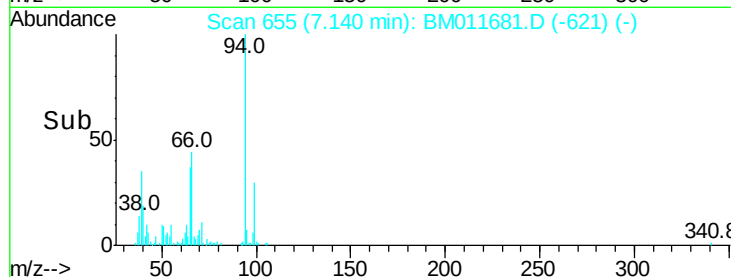
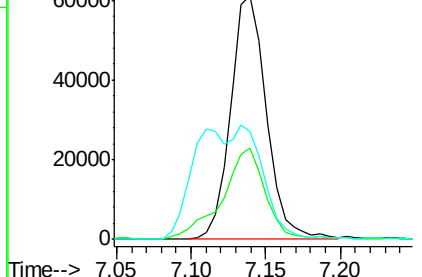
66 44.2 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM011681.D (-647) (-)

Ion 65.00 (64.70 to 65.70): BM011681.D (-647) (-)

Ion 66.00 (65.70 to 66.70): BM011681.D (-647) (-)



#45

Dimethylphthalate

Concen: 2.547 ng/ul

RT: 14.04 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

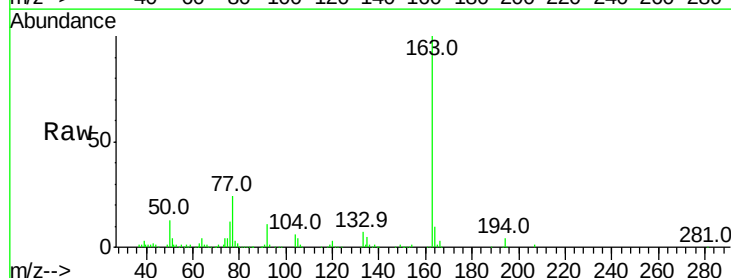
Tgt Ion:163 Resp: 231699

Ion Ratio Lower Upper

163 100

194 3.8 4.0 6.0#

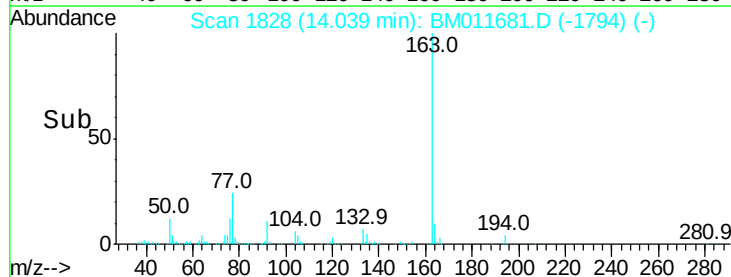
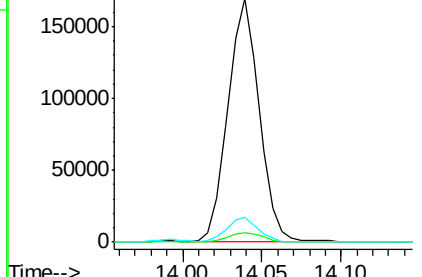
164 10.4 8.4 12.6

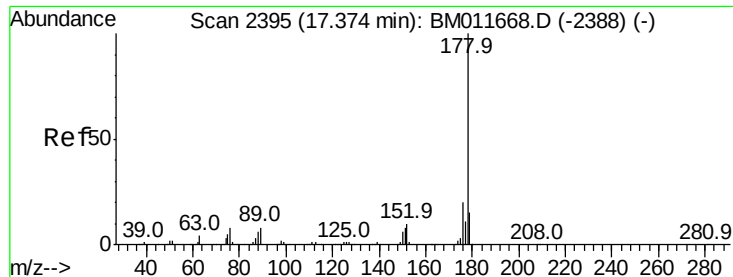


Abundance Ion 163.00 (162.70 to 163.70): BM011681.D (-1794) (-)

Ion 194.00 (193.70 to 194.70): BM011681.D (-1794) (-)

Ion 164.00 (163.70 to 164.70): BM011681.D (-1794) (-)





#70

Phenanthrene

Concen: 9.495 ng/ul

RT: 17.37 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

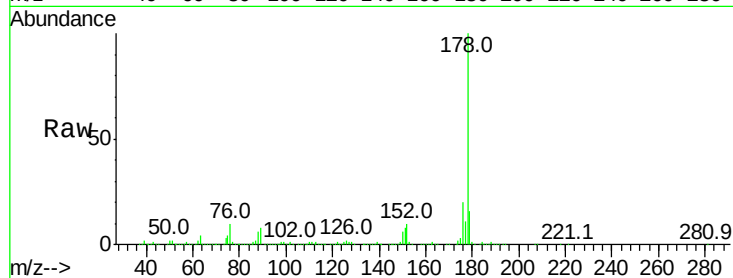
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1205405

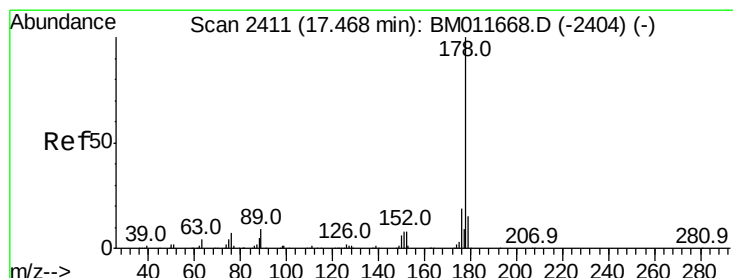
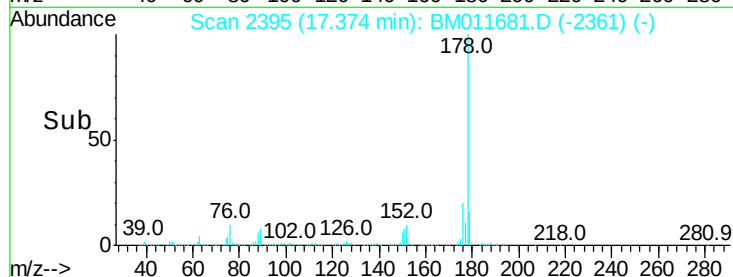
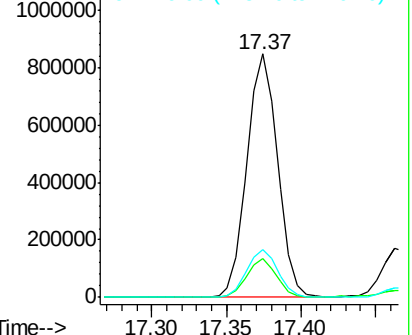
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.8	15.4	23.0



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



#72

Anthracene

Concen: 1.902 ng/ul

RT: 17.46 min Scan# 2410

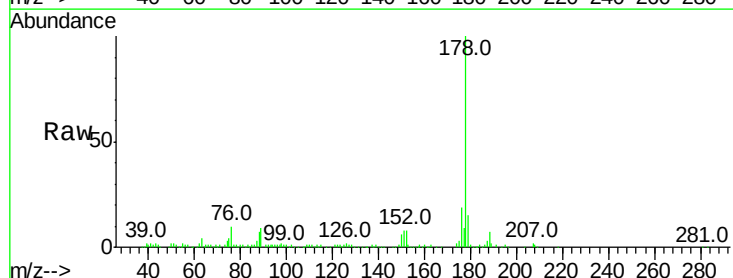
Delta R.T. -0.01 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Tgt Ion:178 Resp: 247782

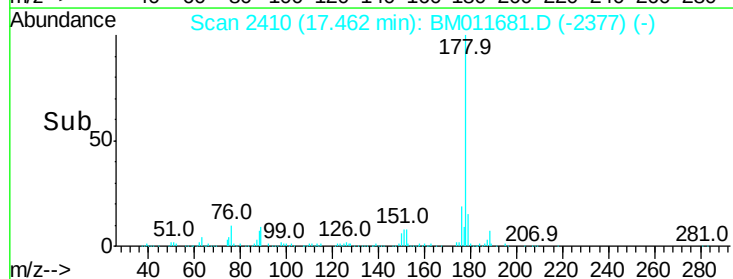
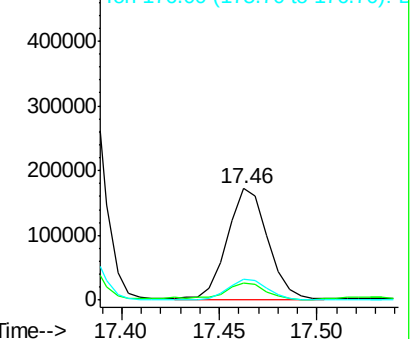
Ion	Ratio	Lower	Upper
178	100		
179	14.9	13.4	20.2
176	19.3	15.4	23.0

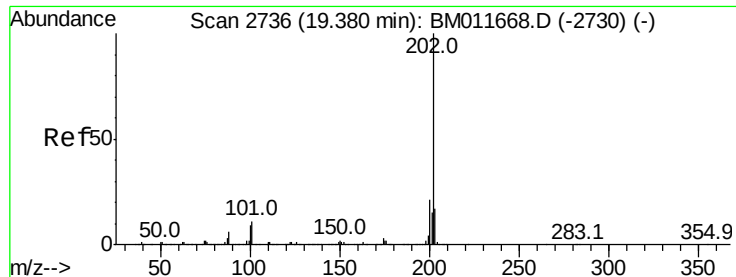


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

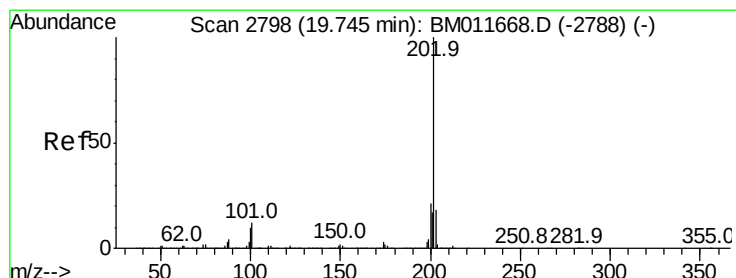
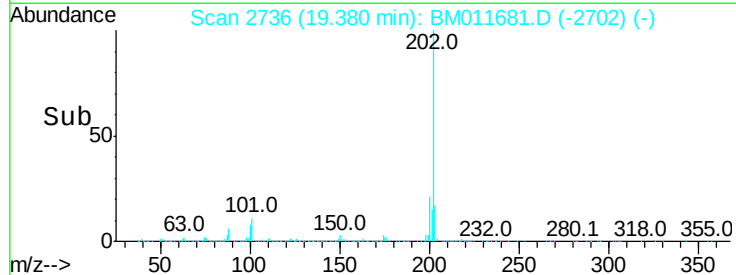
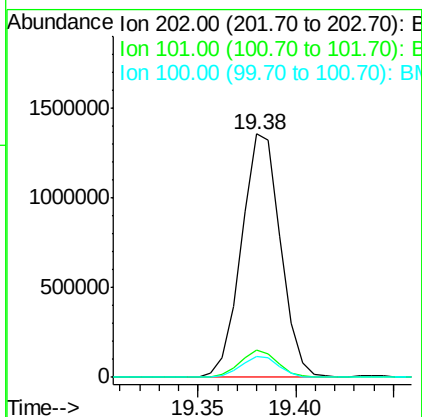
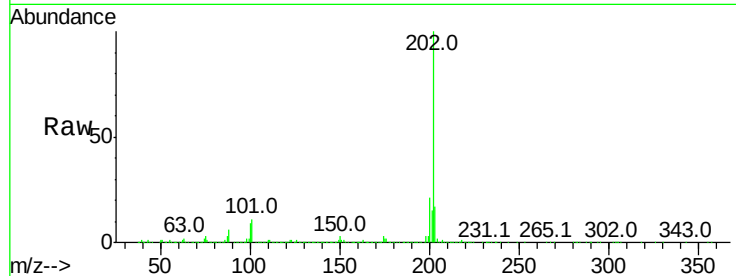




#77
 Fluoranthene
 Concen: 14.370 ng/ul
 RT: 19.38 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM011681.D
 Acq: 22 Sep 2017 07:44

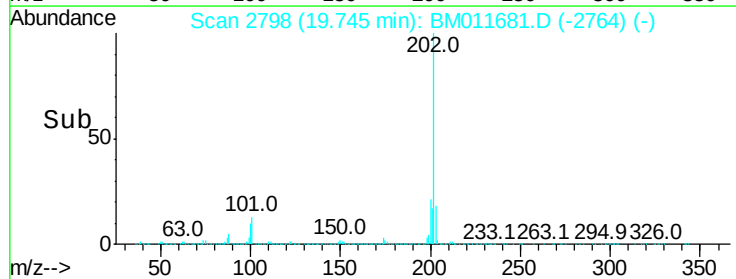
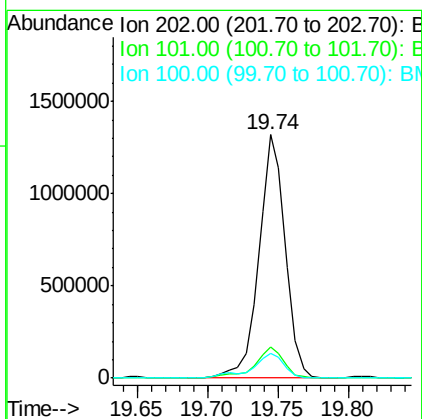
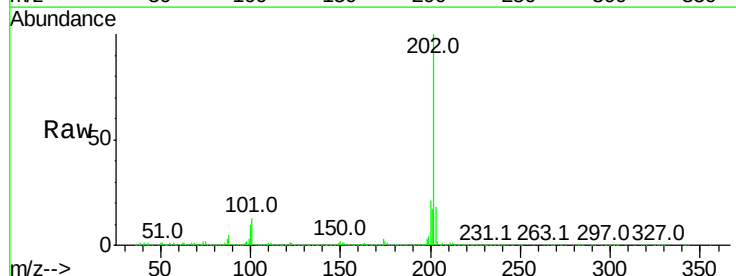
Instrument :
 BNA_M
 ClientSampleId :

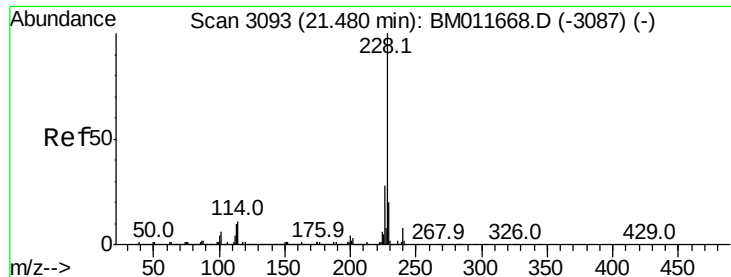
Tot Ion:202 Resp: 1876396
 Ion Ratio Lower Upper
 202 100
 101 11.3 6.1 9.1#
 100 8.6 4.6 7.0#



#80
 Pyrene
 Concen: 13.365 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BM011681.D
 Acq: 22 Sep 2017 07:44

Tgt Ion:202 Resp: 1731040
 Ion Ratio Lower Upper
 202 100
 101 12.7 6.9 10.3#
 100 10.3 5.6 8.4#





#83

Benzo(a)anthracene

Concen: 7.049 ng/ul

RT: 21.48 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Instrument :

BNA_M

ClientSampleId :

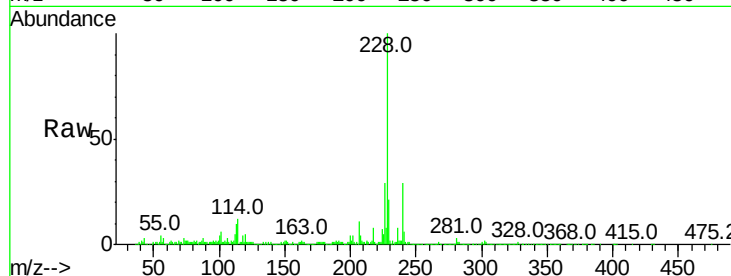
Tot Ion:228 Resp: 861558

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	29.2	21.8	32.8

228 100

229 20.9 16.0 24.0

226 29.2 21.8 32.8

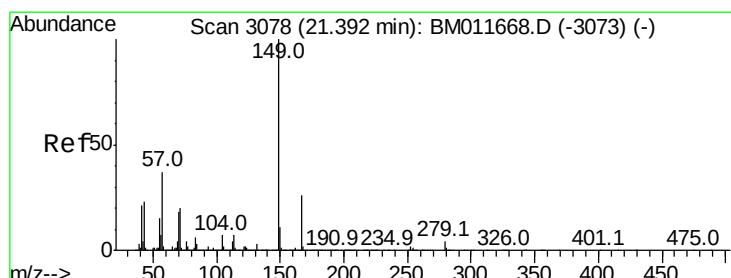
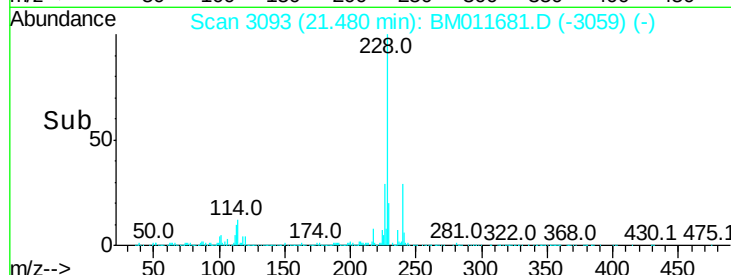
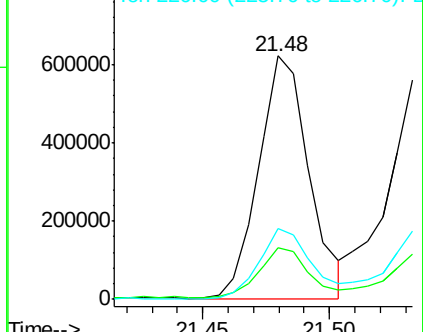


Abundance

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: 1.059 ng/ul

RT: 21.39 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

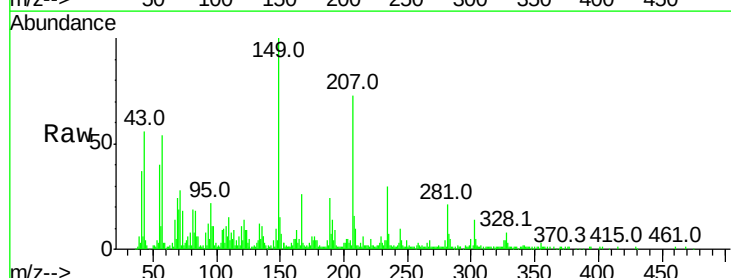
Tgt Ion:149 Resp: 96839

Ion	Ratio	Lower	Upper
149	100		
167	25.9	23.0	34.6
279	4.3	4.3	6.5

149 100

167 25.9 23.0 34.6

279 4.3 4.3 6.5

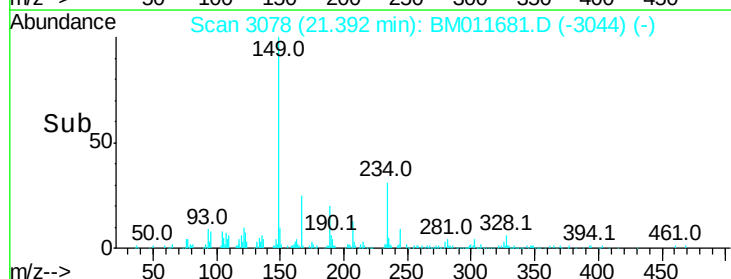
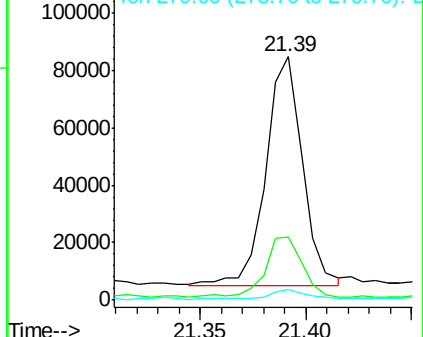


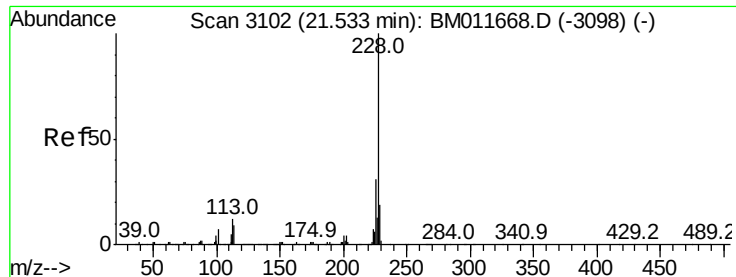
Abundance

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: 7.427 ng/ul

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

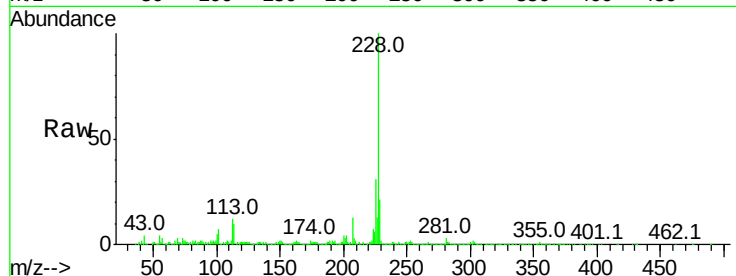
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 822916

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.1	36.1
229	20.5	16.0	24.0

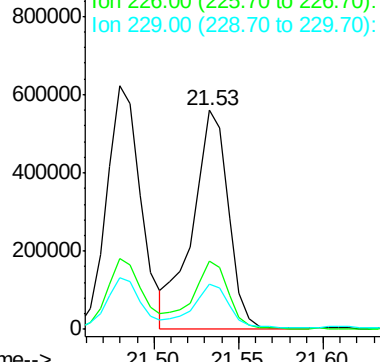


Abundance

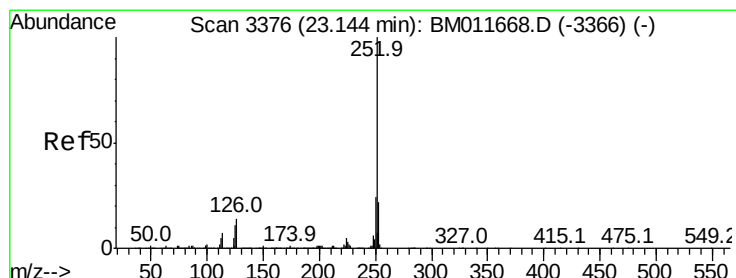
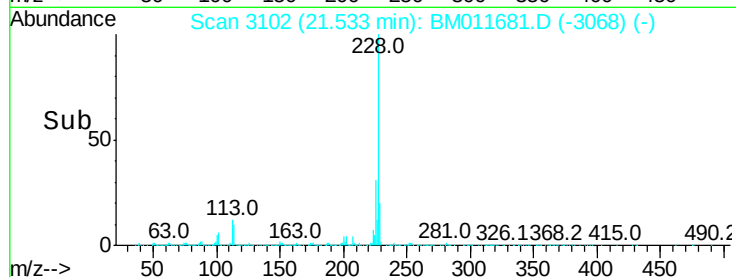
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 8.525 ng/ul

RT: 23.15 min Scan# 3377

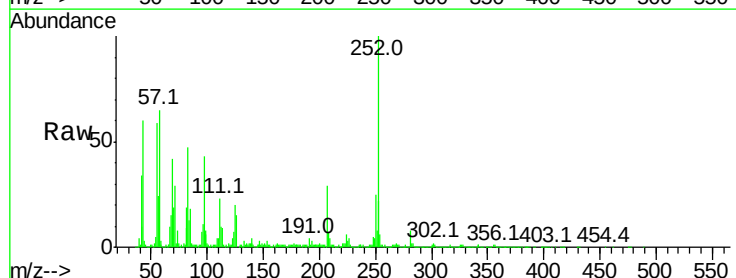
Delta R.T. 0.01 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Tgt Ion:252 Resp: 954620

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	19.7	4.9	7.3#

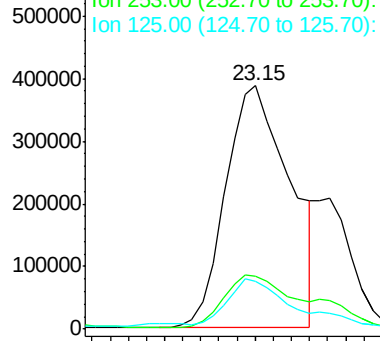


Abundance

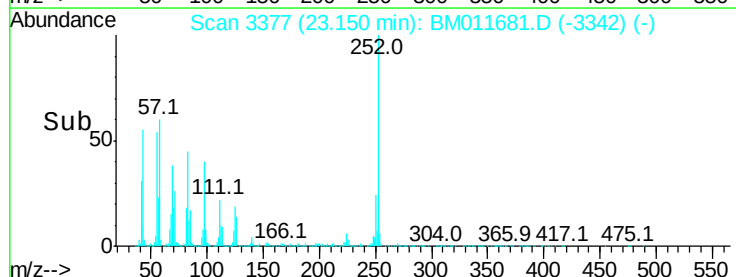
Ion 252.00 (251.70 to 252.70): E

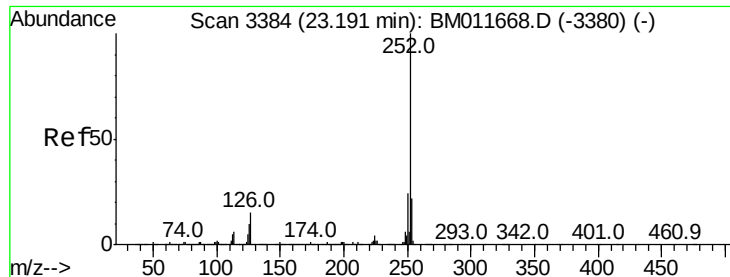
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(k)fluoranthene

Concen: 8.877 ng/ul

RT: 23.15 min Scan# 3377

Delta R.T. -0.04 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Instrument :

BNA_M

ClientSampleId :

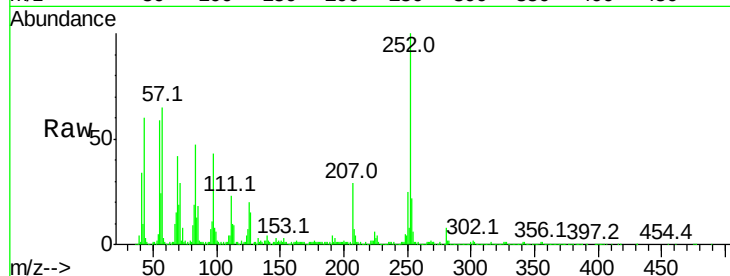
Tot Ion:252 Resp: 954620

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

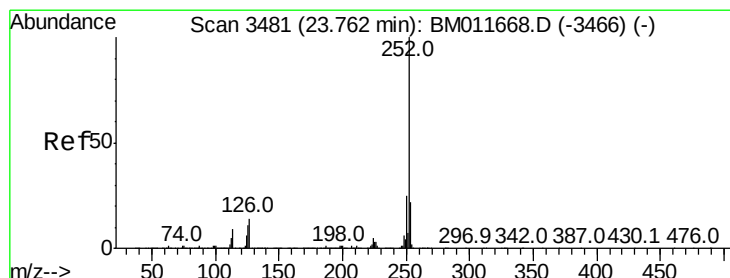
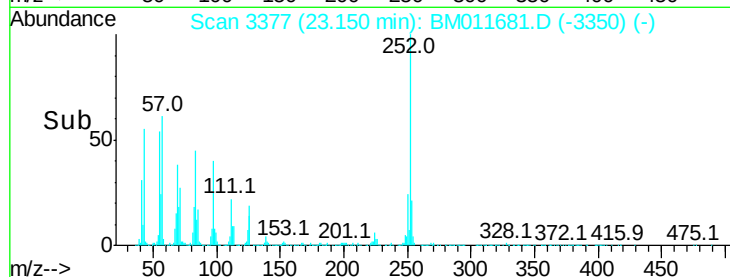
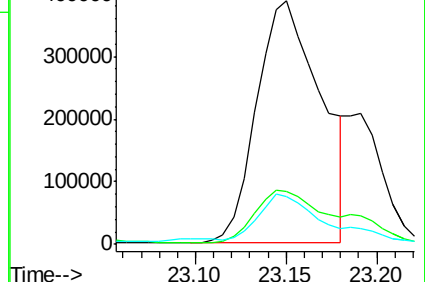
125 19.7 5.4 8.0#



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: 5.886 ng/ul

RT: 23.76 min Scan# 3481

Delta R.T. -0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

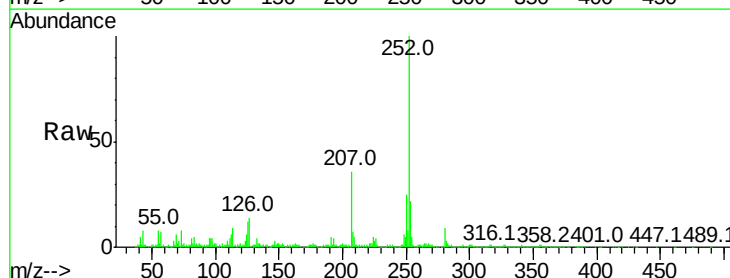
Tgt Ion:252 Resp: 622088

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

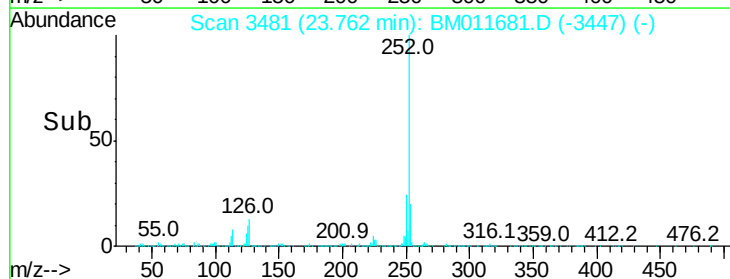
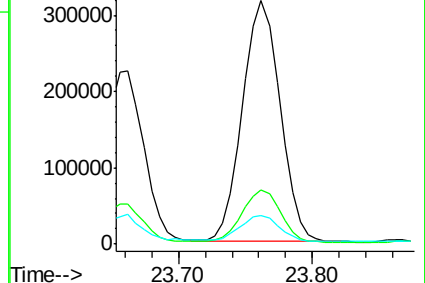
125 11.9 5.8 8.6#

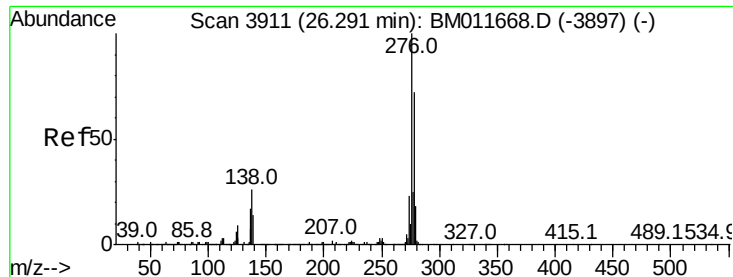


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



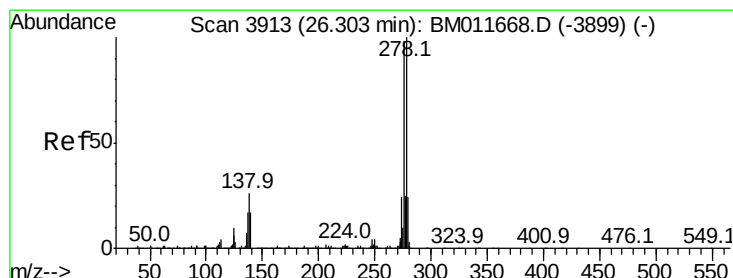
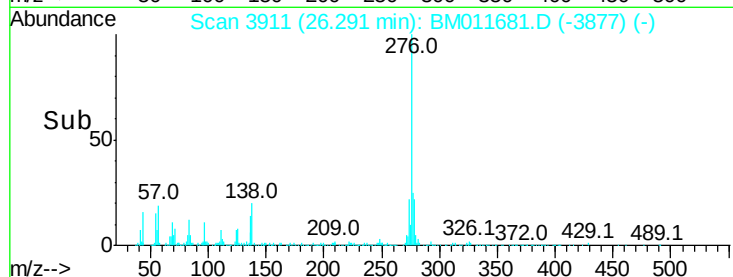
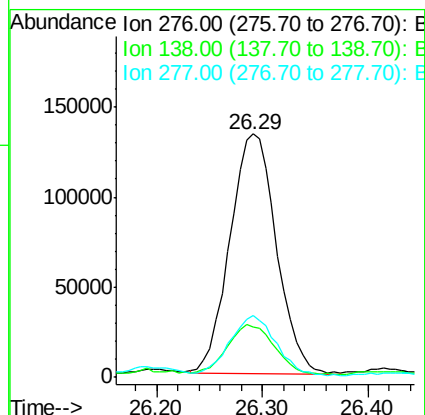
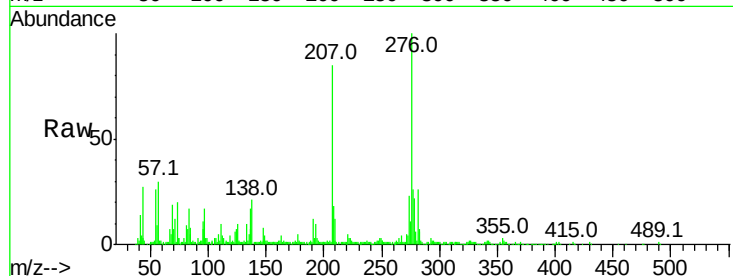


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.499 ng/ul
RT: 26.29 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM011681.D
Acq: 22 Sep 2017 07:44

Instrument :
BNA_M
ClientSampleId :

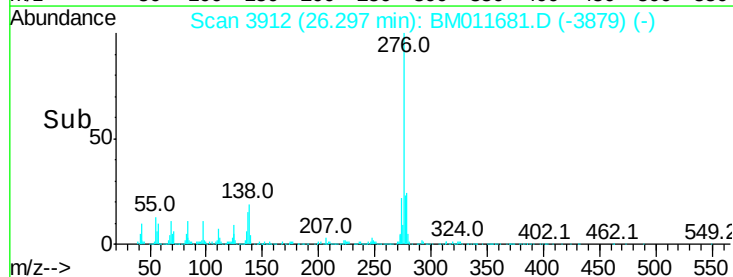
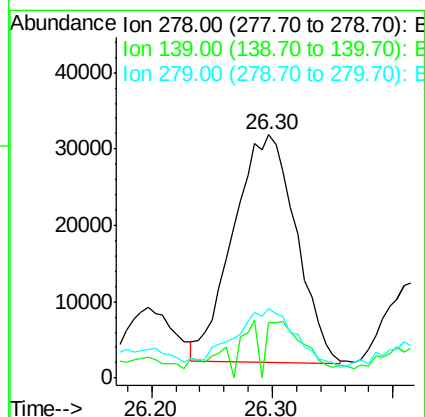
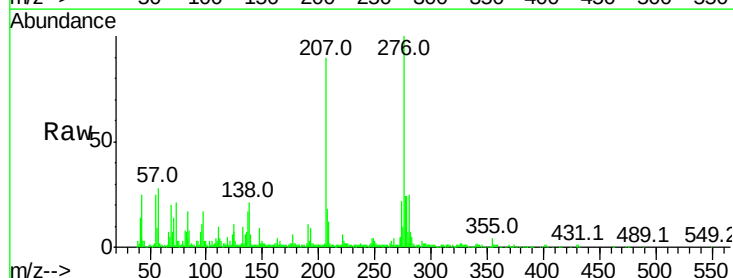
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	10.9	16.3#
277	25.6	18.9	28.3

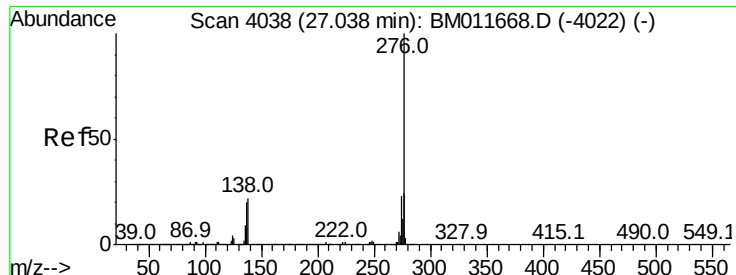


#93

Dibenzo(a,h)anthracene
Concen: 1.093 ng/ul
RT: 26.30 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM011681.D
Acq: 22 Sep 2017 07:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	9.0	13.4#
279	28.3	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 4.390 ng/ul

RT: 27.04 min Scan# 4038

Delta R.T. 0.00 min

Lab File: BM011681.D

Acq: 22 Sep 2017 07:44

Instrument :

BNA_M

ClientSampleId :

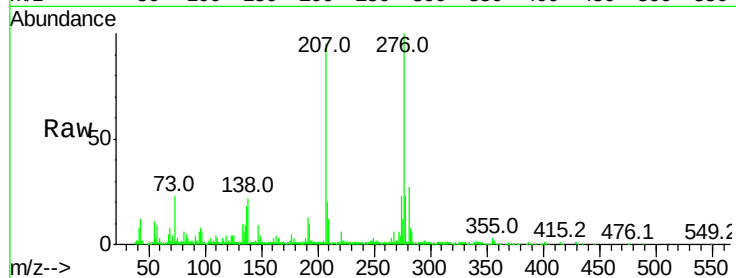
Tot Ion:276 Resp: 413310

Ion Ratio Lower Upper

276 100

138 22.2 11.2 16.8#

277 22.6 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

