

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011656.D
 Acq On : 21 Sep 2017 16:36
 Operator : SJ/JU
 Sample : I5284-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 03:51:44 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	310322	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1443986	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	828765	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1809986	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1959274	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1834488	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	12440	1.80	ng/uL	0.00
5) Phenol-d5	7.11	99	274829	9.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	269901	13.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	234996	10.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	240672	10.35	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	127757	11.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	94327	8.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	204842	8.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	37964	1.50	ng/ul	0.02
44) Dimethylphthalate-d6	13.99	166	731775	10.44	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1048035	12.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	7339	0.56	ng/ul	0.02
58) Fluorene-d10	15.58	176	791909	13.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	22385	2.13	ng/ul	0.00
71) Anthracene-d10	17.43	188	1221557	13.71	ng/ul	0.00
79) Pyrene-d10	19.72	212	1400947	15.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1201400	13.74	ng/ul	0.00

Target Compounds

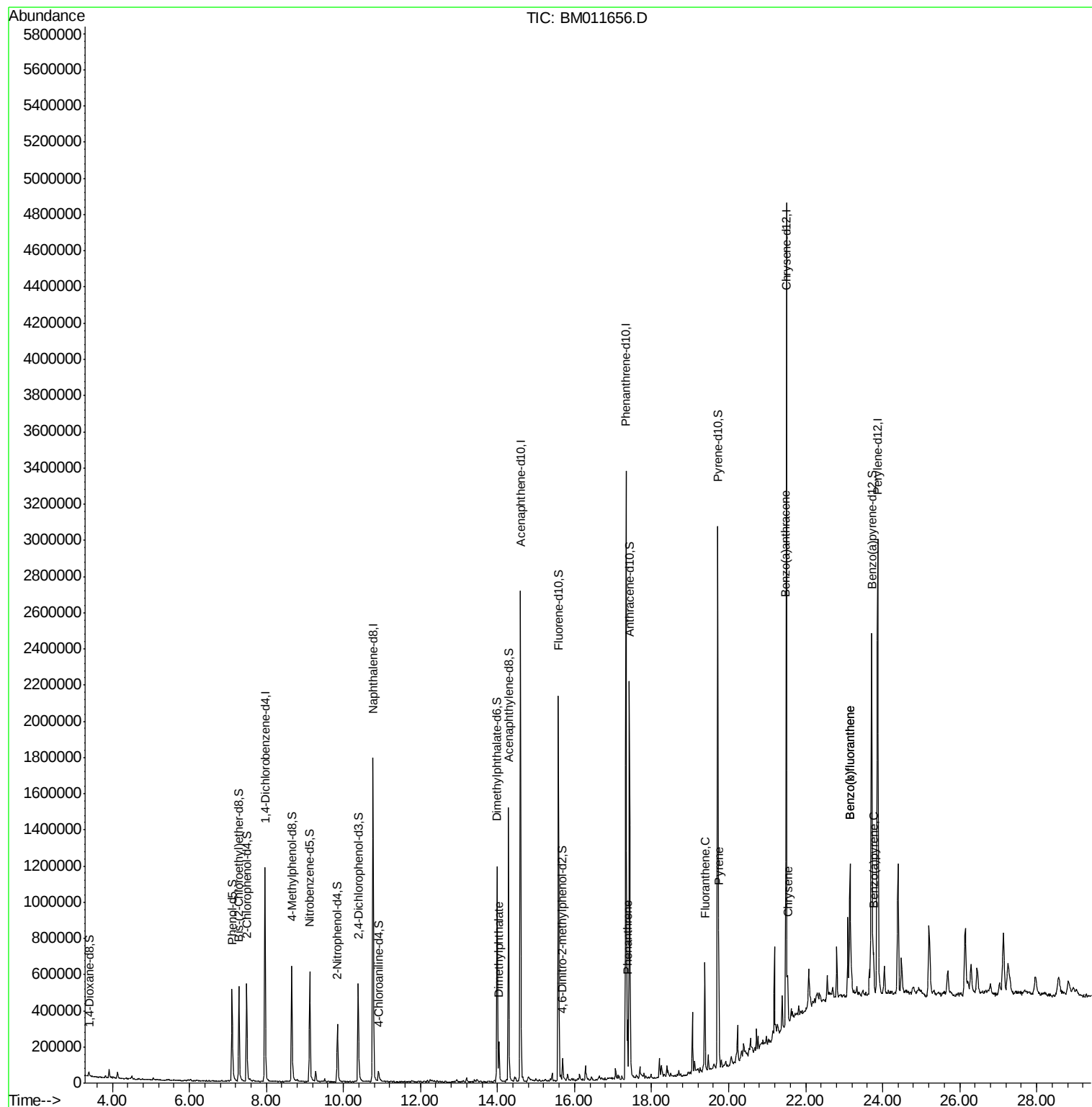
					Ovalue	
45) Dimethylphthalate	14.04	163	128270	1.912	ng/ul	98
70) Phenanthrene	17.37	178	175545	1.740	ng/ul	99
77) Fluoranthene	19.38	202	338171	3.259	ng/ul#	90
80) Pyrene	19.74	202	319445	2.794	ng/ul#	87
83) Benzo(a)anthracene	21.48	228	184801	1.713	ng/ul	99
85) Chrysene	21.53	228	167979	1.718	ng/ul	99
88) Benzo(b)fluoranthene	23.15	252	221487	2.007	ng/ul#	90
89) Benzo(k)fluoranthene	23.15	252	221487	2.090	ng/ul#	89
91) Benzo(a)pyrene	23.76	252	147259	1.414	ng/ul#	96

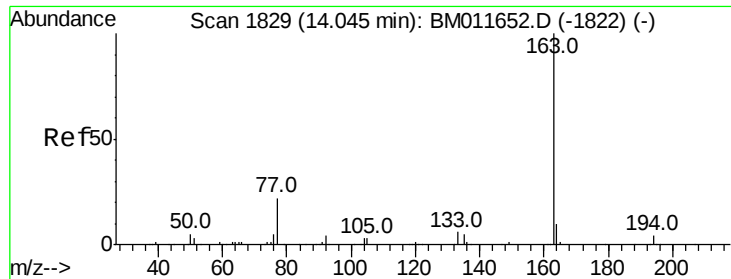
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.912 ng/ul

RT: 14.04 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM011656.D

Acq: 21 Sep 2017 16:36

Instrument :

BNA_M

ClientSampleId :

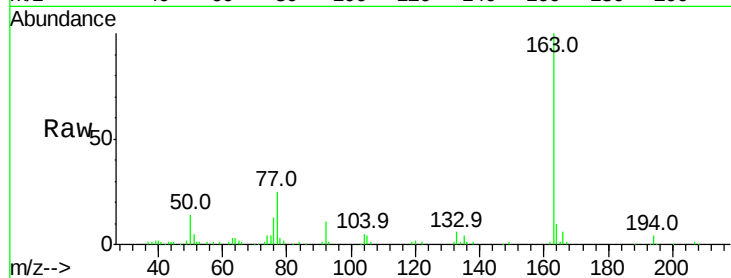
Tot Ion:163 Resp: 128270

Ion Ratio Lower Upper

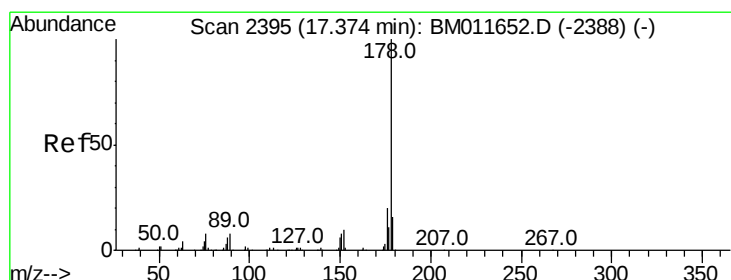
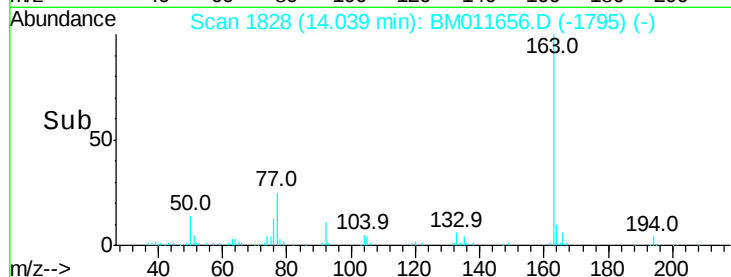
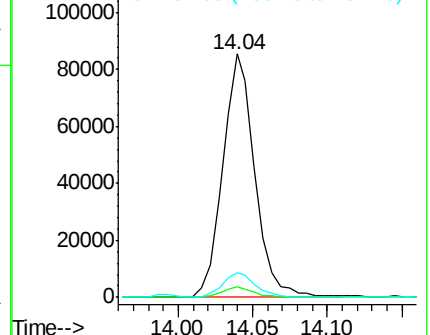
163 100

194 4.2 4.0 6.0

164 10.0 8.4 12.6



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



#70

Phenanthrene

Concen: 1.740 ng/ul

RT: 17.37 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM011656.D

Acq: 21 Sep 2017 16:36

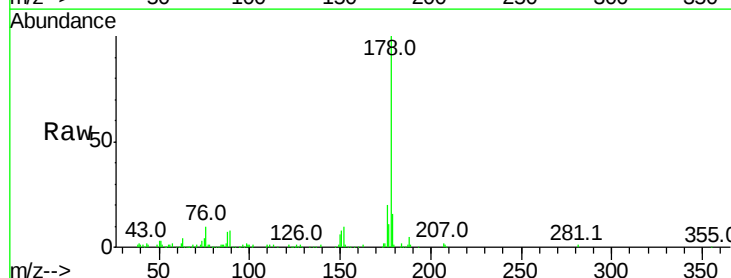
Tgt Ion:178 Resp: 175545

Ion Ratio Lower Upper

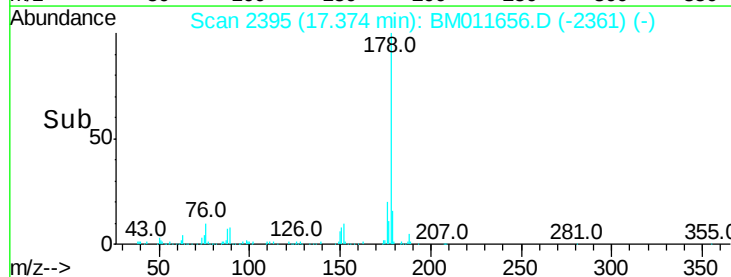
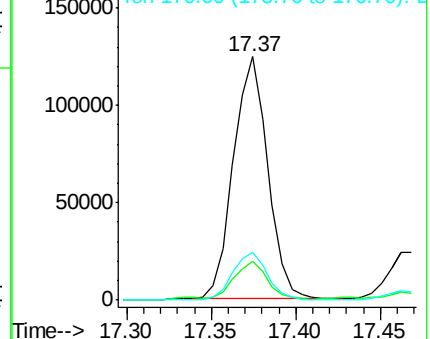
178 100

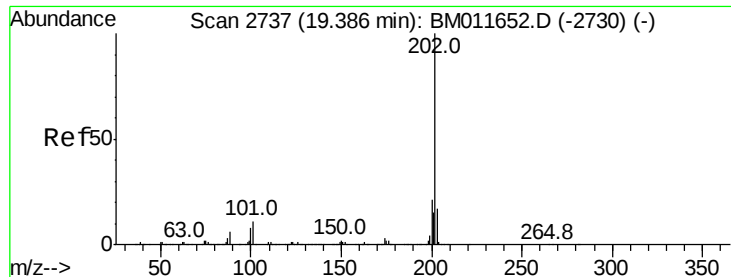
179 15.9 12.3 18.5

176 19.9 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

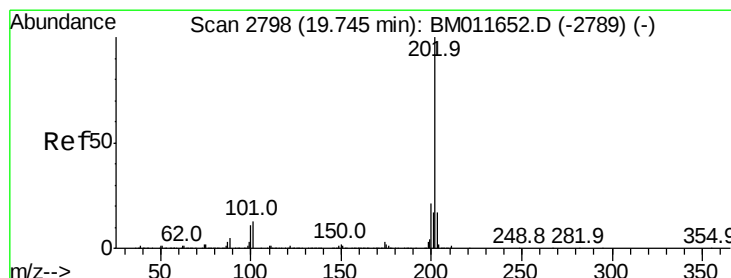
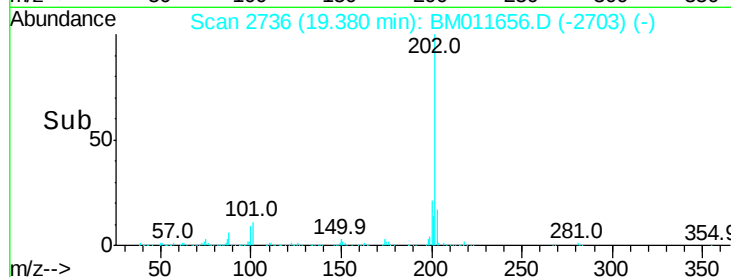
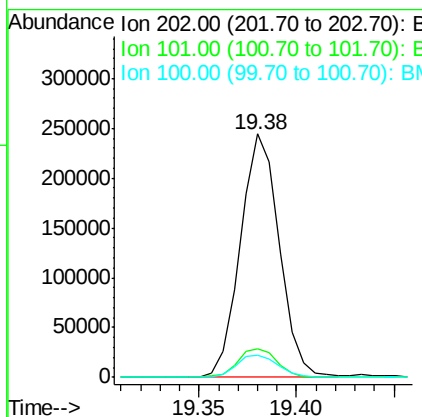
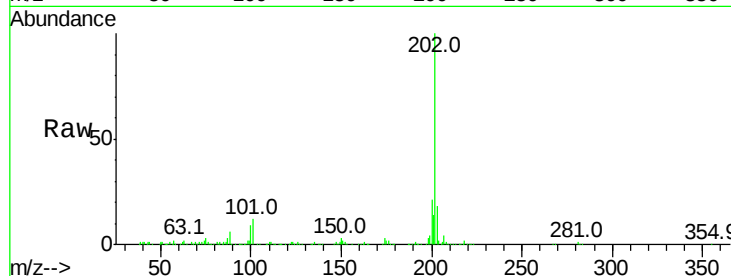




#77
Fluoranthene
 Concen: 3.259 ng/ul
 RT: 19.38 min Scan# 2736
 Delta R.T. -0.01 min
 Lab File: BM011656.D
 Acq: 21 Sep 2017 16:36

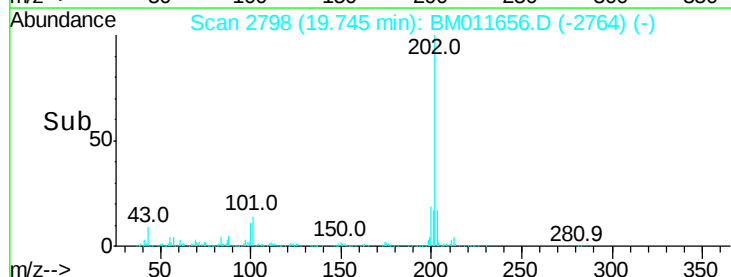
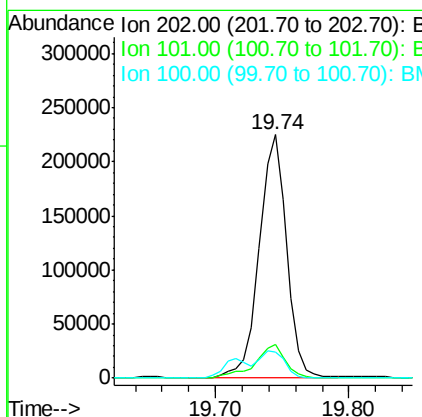
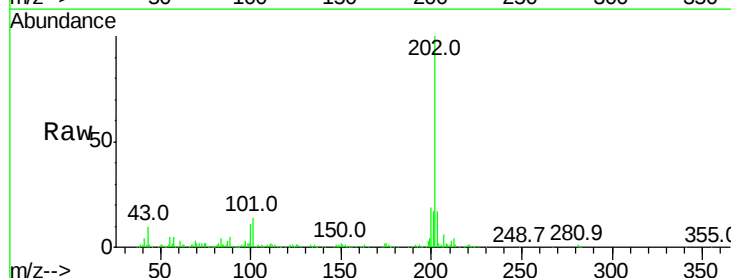
Instrument :
 BNA_M
 ClientSampleId :

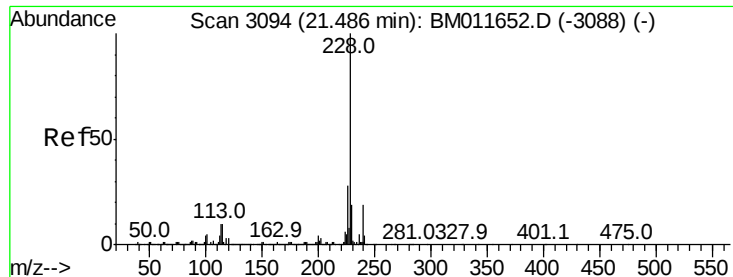
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	6.1	9.1#
100	8.9	4.6	7.0#



#80
Pyrene
 Concen: 2.794 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BM011656.D
 Acq: 21 Sep 2017 16:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	6.9	10.3#
100	10.8	5.6	8.4#

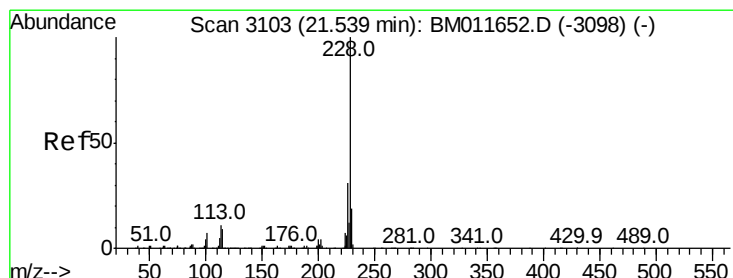
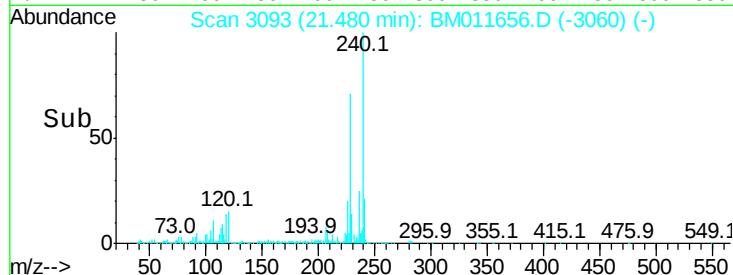
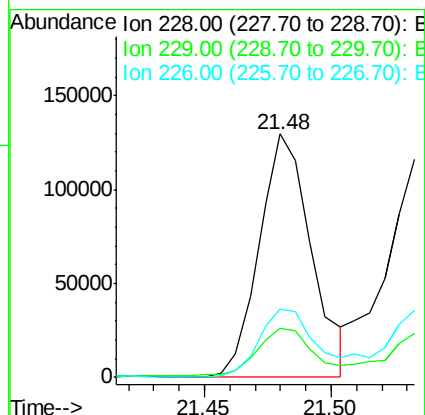
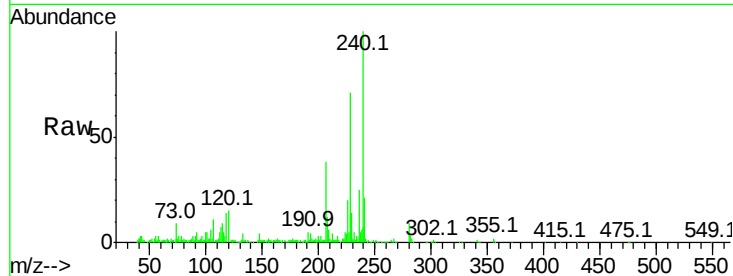




#83
Benzo(a)anthracene
Concen: 1.713 ng/ul
RT: 21.48 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM011656.D
Acq: 21 Sep 2017 16:36

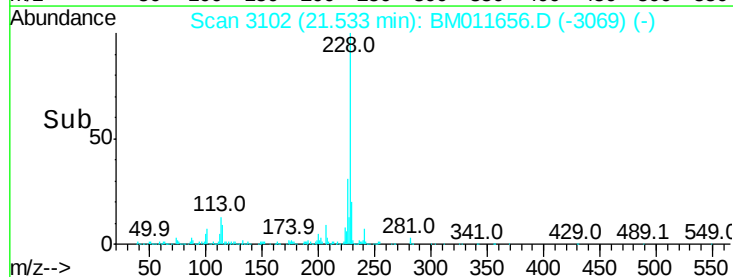
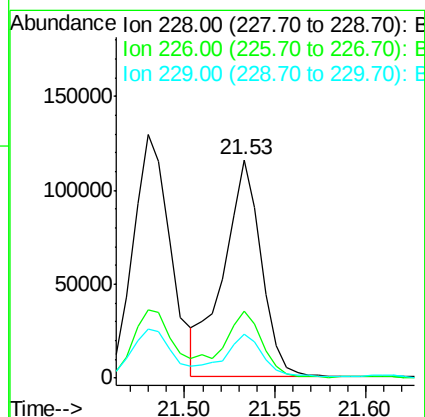
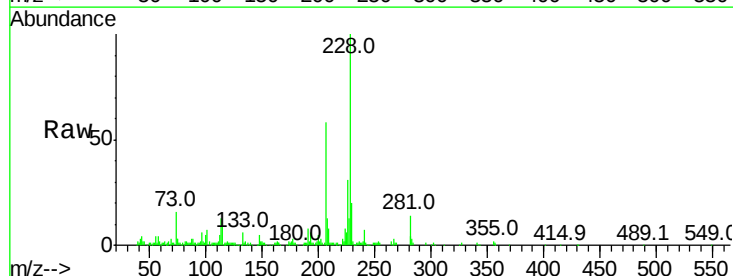
Instrument :
BNA_M
ClientSampleId :

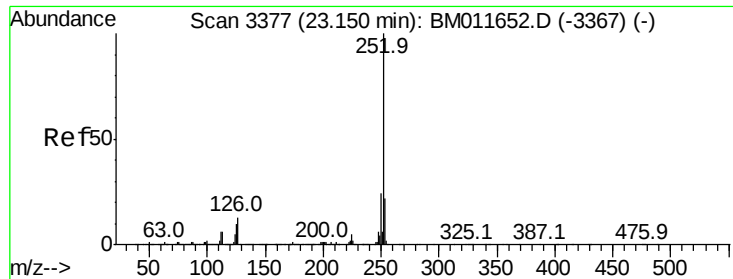
Tot Ion:228 Resp: 184801
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.8 21.8 32.8



#85
Chrysene
Concen: 1.718 ng/ul
RT: 21.53 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM011656.D
Acq: 21 Sep 2017 16:36

Tgt Ion:228 Resp: 167979
Ion Ratio Lower Upper
228 100
226 30.9 24.1 36.1
229 20.1 16.0 24.0





#88

Benzo(b)fluoranthene

Concen: 2.007 ng/ul

RT: 23.15 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BM011656.D

Acq: 21 Sep 2017 16:36

Instrument :

BNA_M

ClientSampleId :

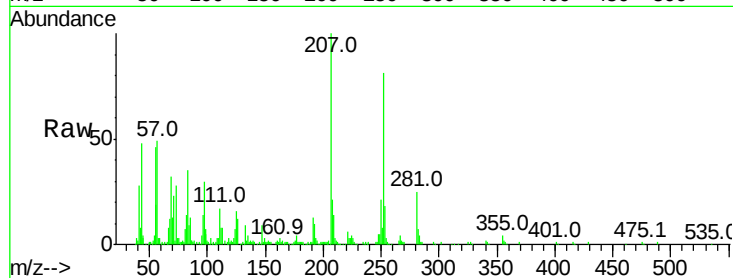
Tot Ion:252 Resp: 221487

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

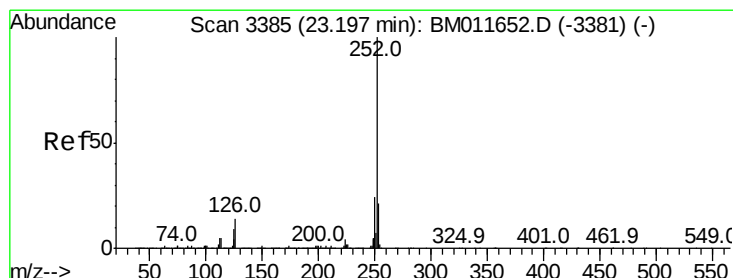
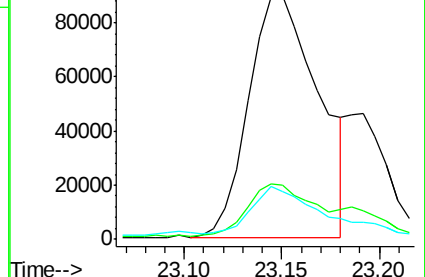
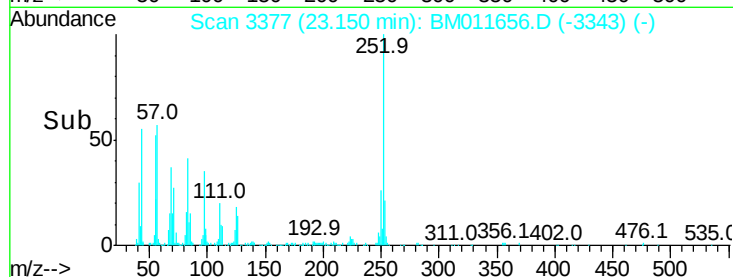
125 19.8 4.9 7.3#



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: 2.090 ng/ul

RT: 23.15 min Scan# 3377

Delta R.T. -0.05 min

Lab File: BM011656.D

Acq: 21 Sep 2017 16:36

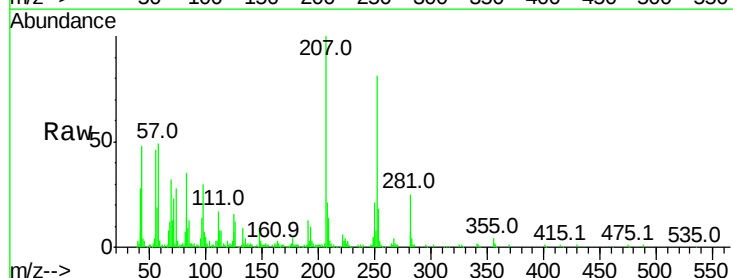
Tgt Ion:252 Resp: 221487

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

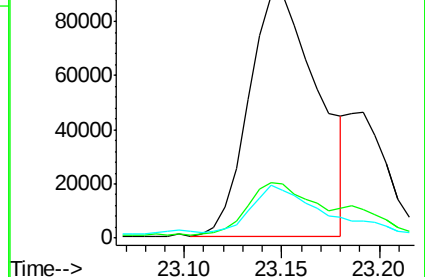
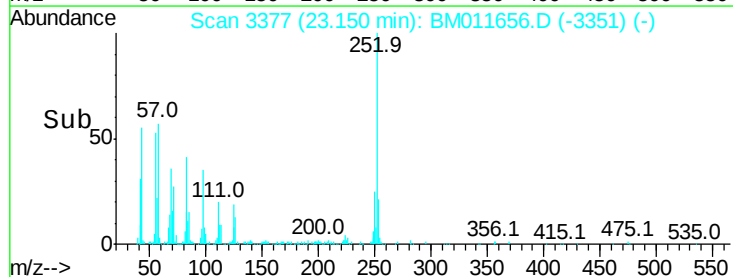
125 19.8 5.4 8.0#

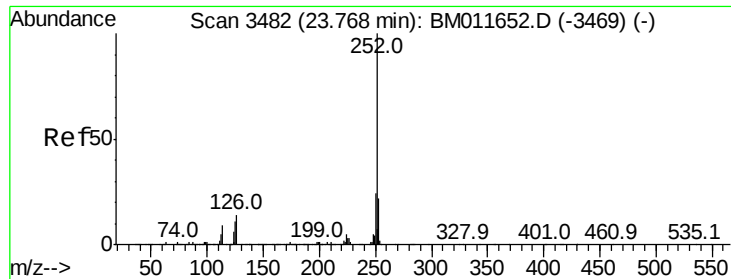


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.414 ng/ul

RT: 23.76 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM011656.D

Acq: 21 Sep 2017 16:36

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 147259

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 13.0 5.8 8.6#

