

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011753.D
 Acq On : 28 Sep 2017 09:12
 Operator : SJ/JU
 Sample : I5377-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 28 15:15:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 05:09:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	319032	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1392652	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	738276	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1476896	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1026565	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	989920	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	14387	2.01	ng/uL	0.00
5) Phenol-d5	7.09	99	335887	10.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	302555	13.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	297610	12.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	224656	9.14	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	152334	14.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	137185	11.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	253868	11.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	37011	1.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	813855	12.85	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1071882	14.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	12917	1.19	ng/ul	0.01
57) Fluorene-d10	15.56	176	750934	13.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	22724	2.27	ng/ul	0.00
70) Anthracene-d10	17.41	188	1059243	14.09	ng/ul	0.00
76) Pyrene-d10	19.70	212	1015740	20.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	682564	14.40	ng/ul	0.00

Target Compounds

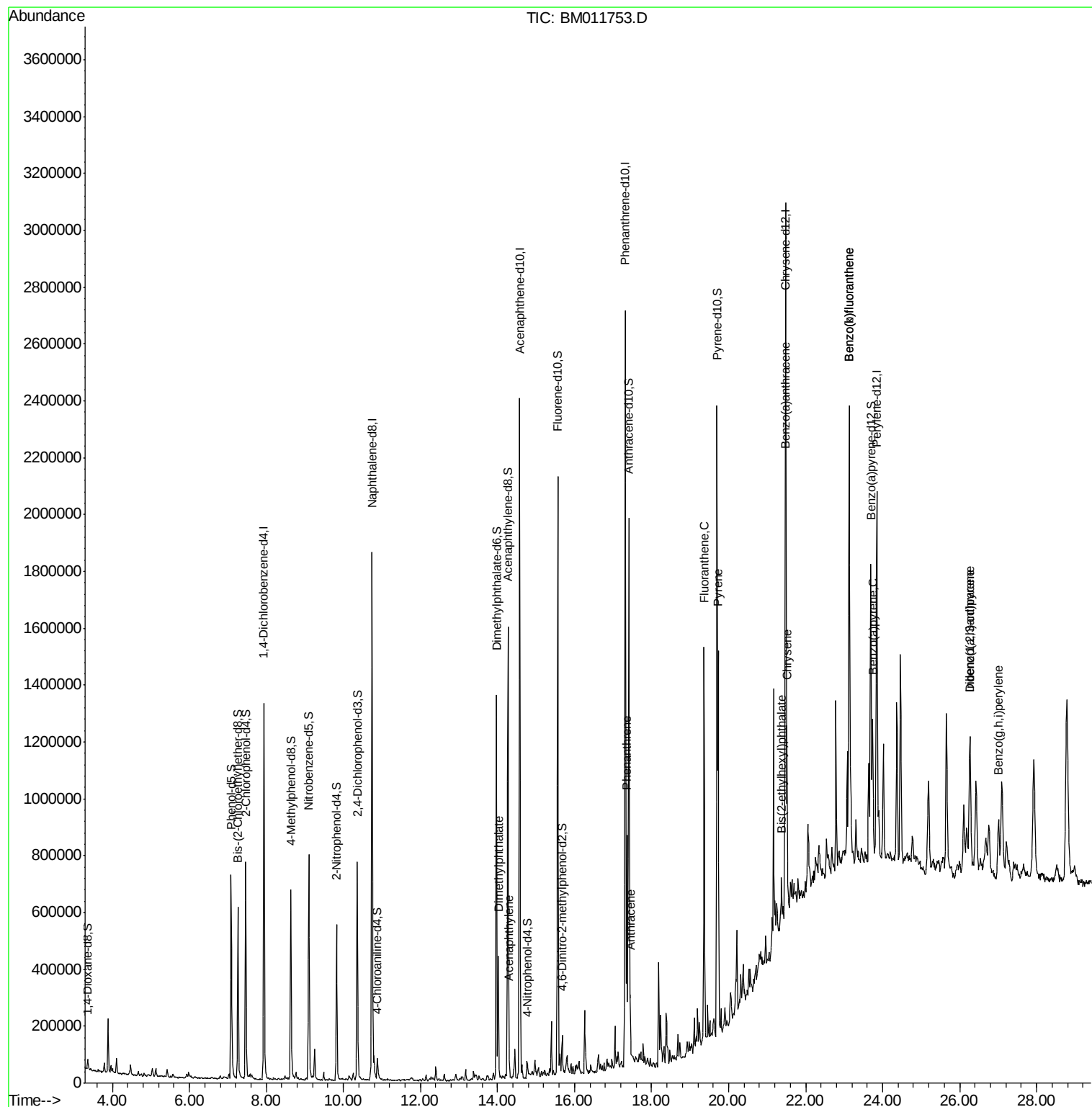
					Ovalue	
44) Dimethylphthalate	14.02	163	238684	3.941	ng/ul	100
47) Acenaphthylene	14.30	152	86917	1.132	ng/ul	99
69) Phenanthrene	17.36	178	439240	5.314	ng/ul	97
71) Anthracene	17.44	178	120927	1.420	ng/ul	97
74) Fluoranthene	19.36	202	825608	8.181	ng/ul#	88
77) Pyrene	19.73	202	747786	12.224	ng/ul#	88
80) Benzo(a)anthracene	21.46	228	377258	6.569	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.37	149	44421	1.164	ng/ul	96
82) Chrysene	21.52	228	357931	6.608	ng/ul	98
85) Benzo(b)fluoranthene	23.13	252	496758	8.505	ng/ul#	94
86) Benzo(k)fluoranthene	23.13	252	496758	8.337	ng/ul#	92
88) Benzo(a)pyrene	23.74	252	350963	6.221	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.26	276	277957	4.732	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.26	278	72177	1.467	ng/ul#	87
91) Benzo(g,h,i)perylene	27.00	276	274308	5.627	ng/ul#	90

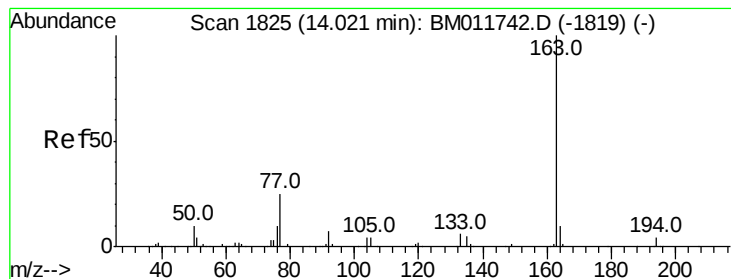
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
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ClientSampled :

Quant Time: Sep 28 15:15:58 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 05:09:12 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 3.941 ng/ul

RT: 14.02 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Instrument :

BNA_M

ClientSampleId :

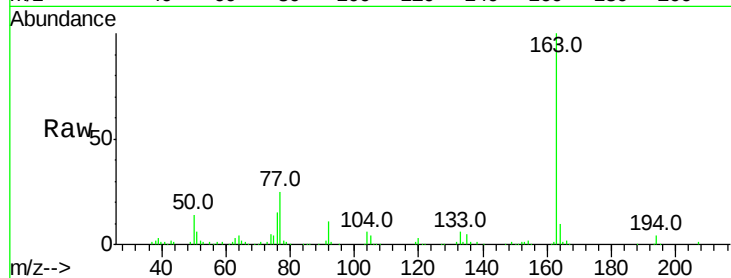
Tot Ion:163 Resp: 238684

Ion Ratio Lower Upper

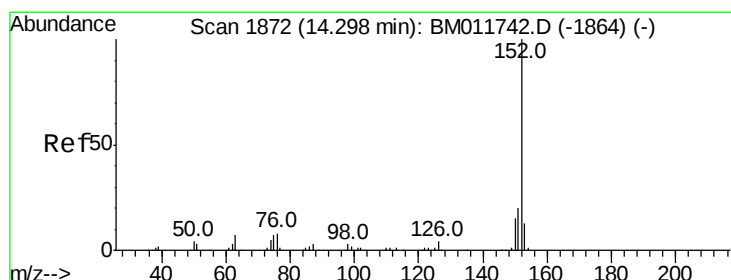
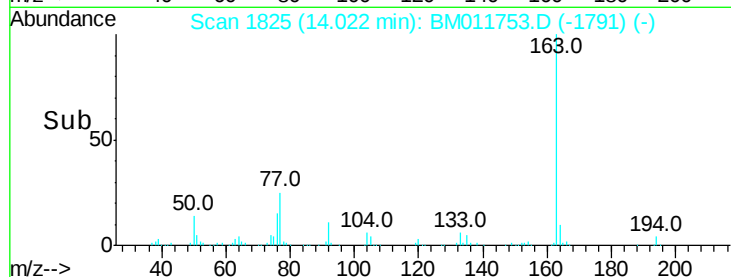
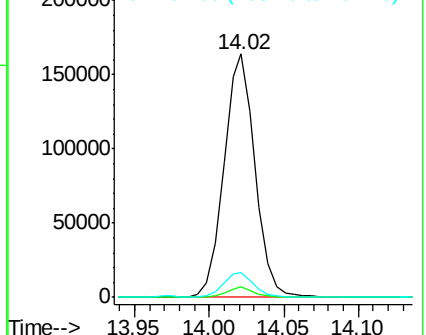
163 100

194 4.1 3.5 5.3

164 10.4 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



#47

Acenaphthylene

Concen: 1.132 ng/ul

RT: 14.30 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

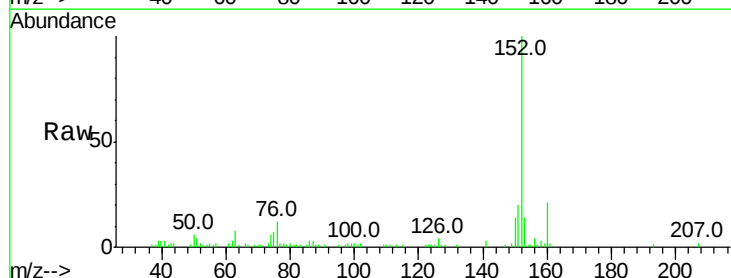
Tgt Ion:152 Resp: 86917

Ion Ratio Lower Upper

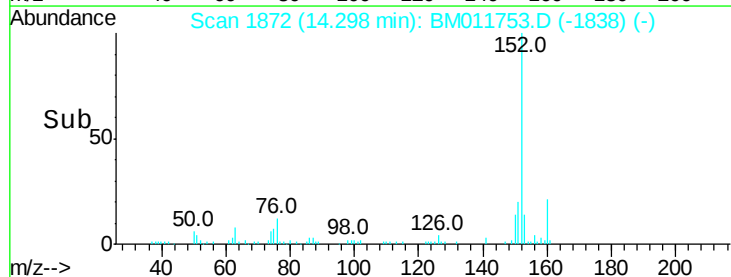
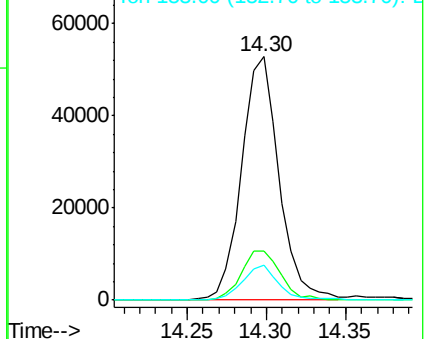
152 100

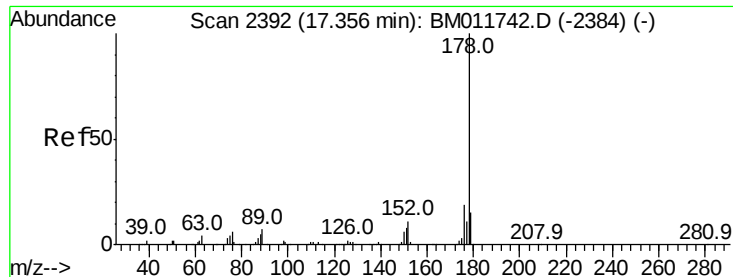
151 20.3 16.3 24.5

153 14.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 5.314 ng/ul

RT: 17.36 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

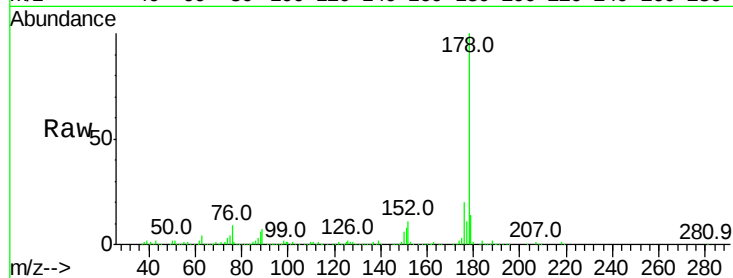
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 439240

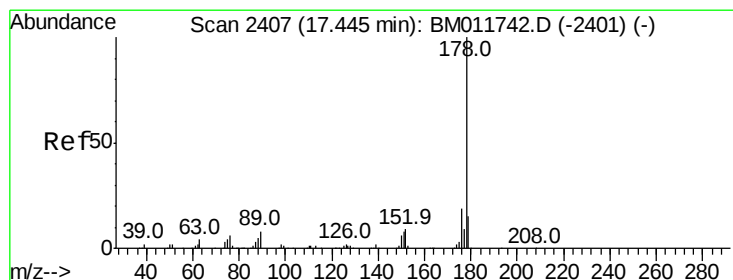
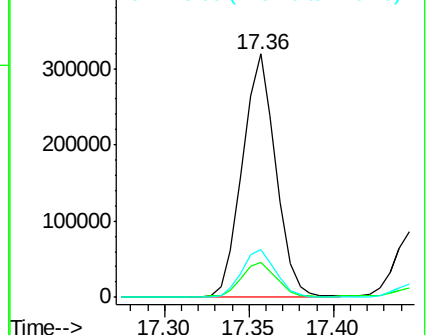
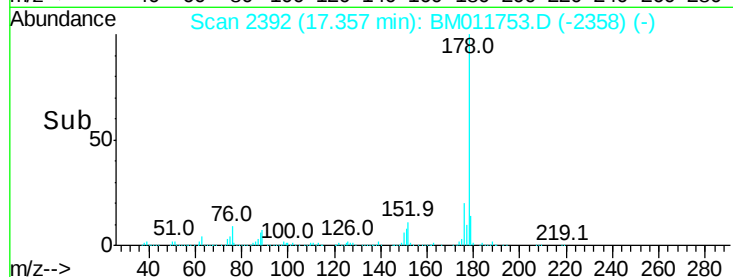
Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.6	19.0
176	19.5	14.9	22.3



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: 1.420 ng/ul

RT: 17.44 min Scan# 2407

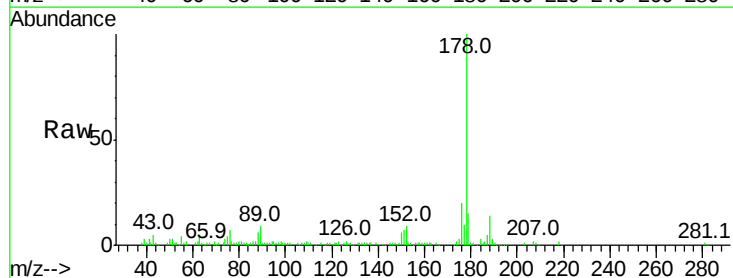
Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Tgt Ion:178 Resp: 120927

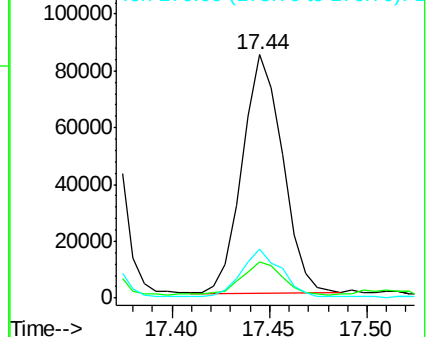
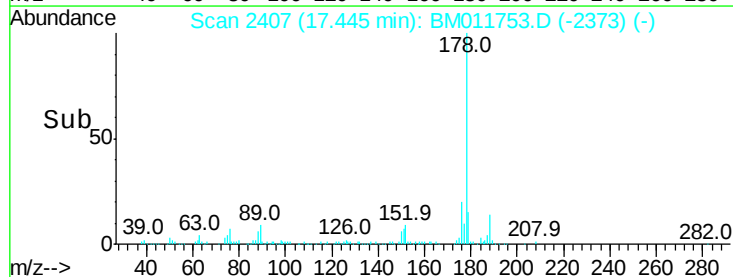
Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	19.9	14.6	21.8

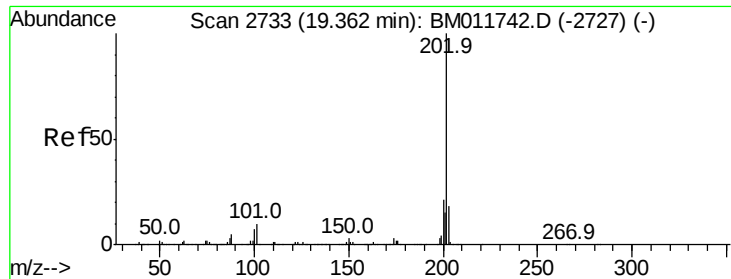


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 8.181 ng/ul

RT: 19.36 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Instrument :

BNA_M

ClientSampleId :

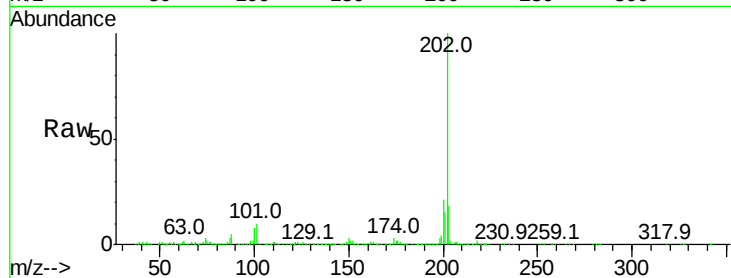
Tot Ion:202 Resp: 825608

Ion Ratio Lower Upper

202 100

101 10.1 4.6 7.0#

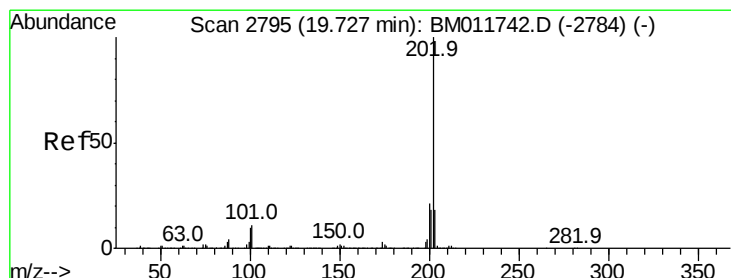
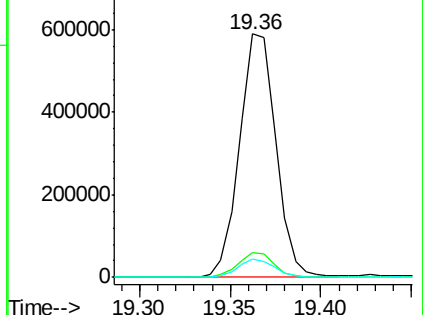
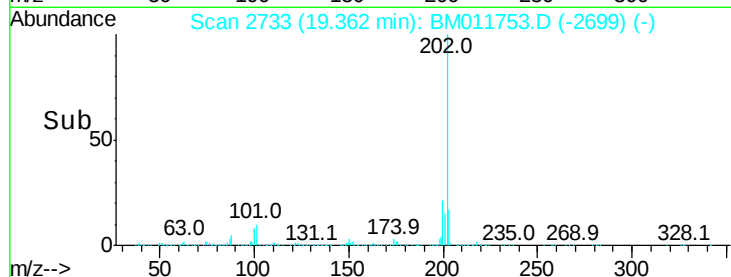
100 7.7 3.4 5.2#



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

Pyrene

Concen: 12.224 ng/ul

RT: 19.73 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

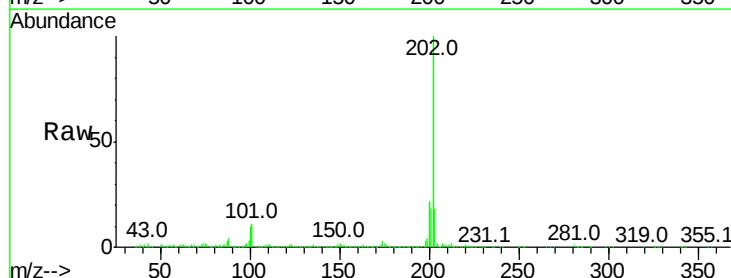
Tgt Ion:202 Resp: 747786

Ion Ratio Lower Upper

202 100

101 11.2 5.1 7.7#

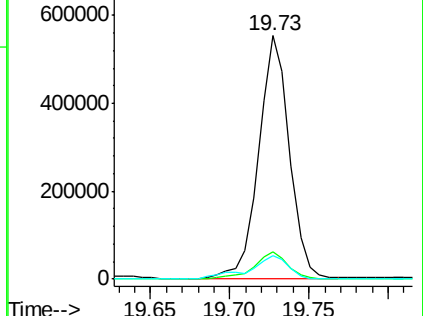
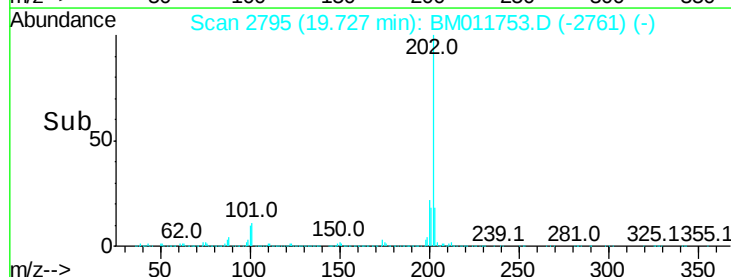
100 9.7 4.9 7.3#

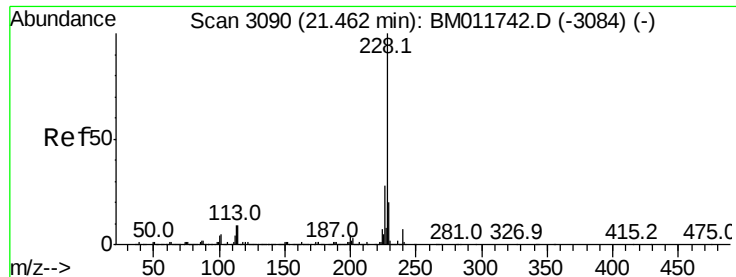


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 6.569 ng/ul

RT: 21.46 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Instrument :

BNA_M

ClientSampleId :

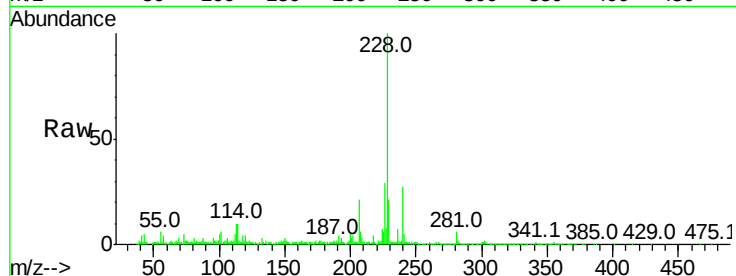
Tot Ion:228 Resp: 377258

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	28.7	21.4	32.0

228 100

229 20.9 15.4 23.0

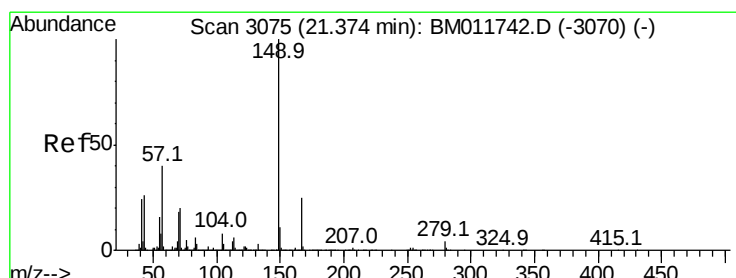
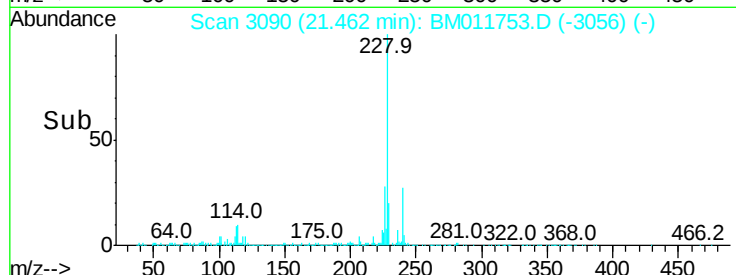
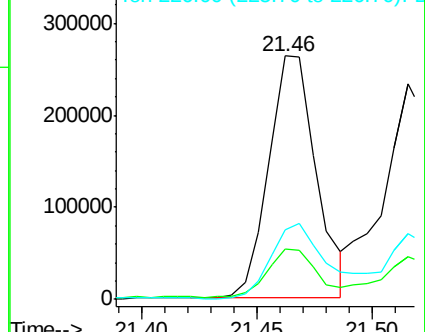
226 28.7 21.4 32.0



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.164 ng/ul

RT: 21.37 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

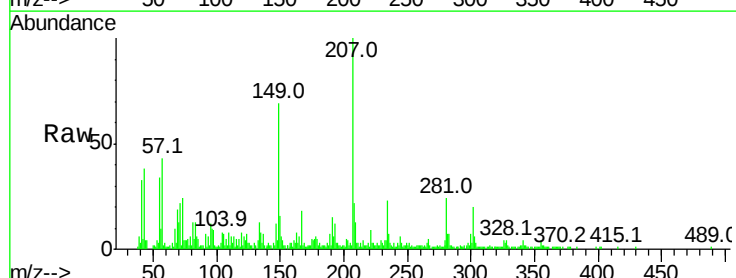
Tgt Ion:149 Resp: 44421

Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.8	34.2
279	5.5	4.9	7.3

149 100

167 26.0 22.8 34.2

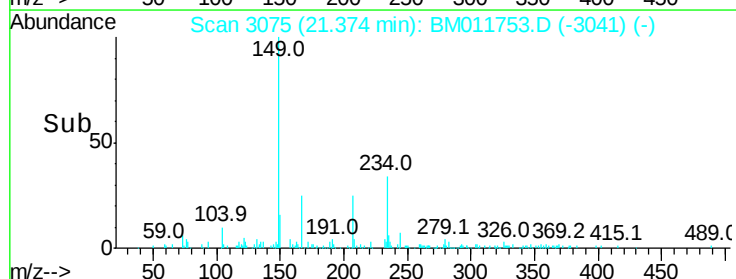
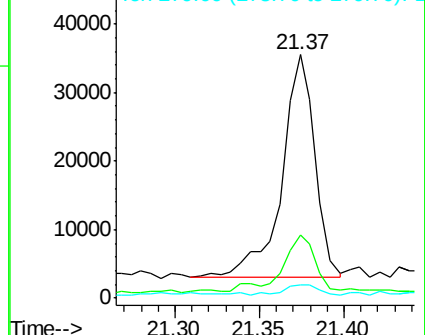
279 5.5 4.9 7.3

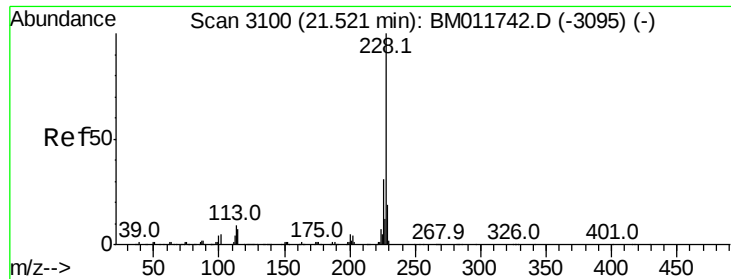


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 6.608 ng/ul

RT: 21.52 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

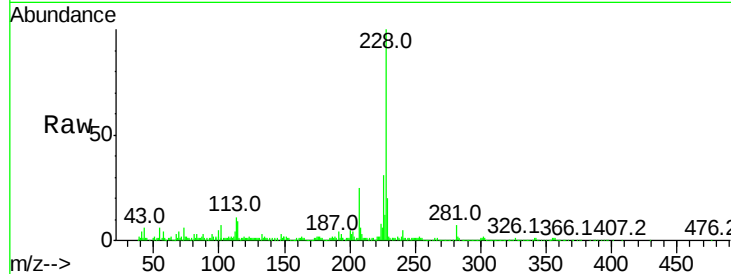
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 357931

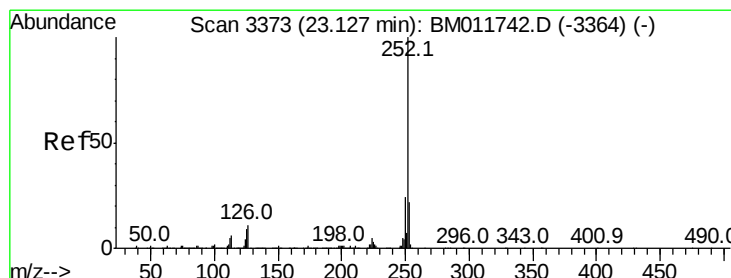
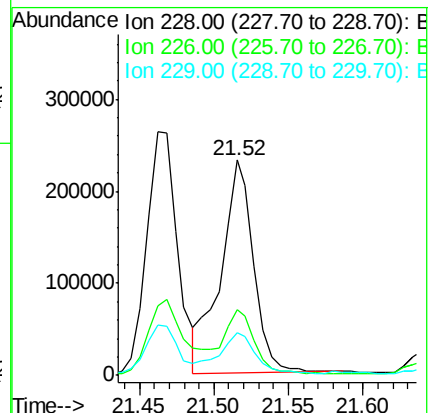
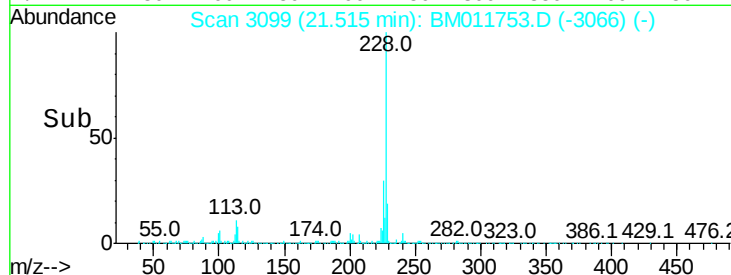
Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	19.8	15.5	23.3



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



#85

Benzo(b)fluoranthene

Concen: 8.505 ng/ul

RT: 23.13 min Scan# 3373

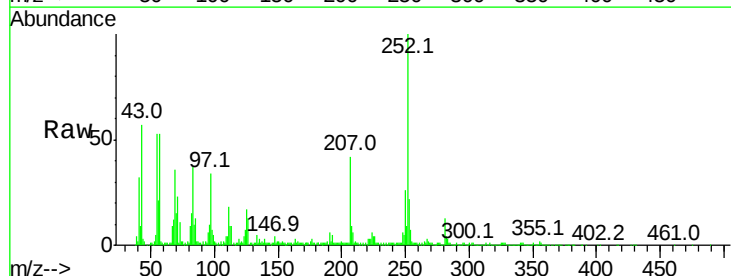
Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Tgt Ion:252 Resp: 496758

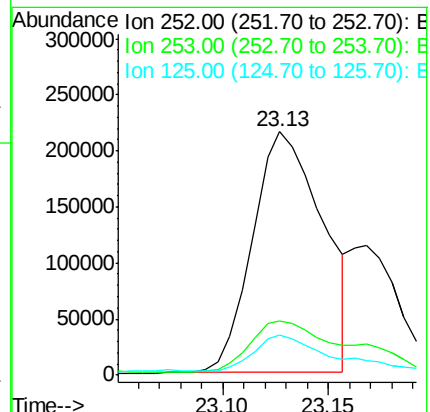
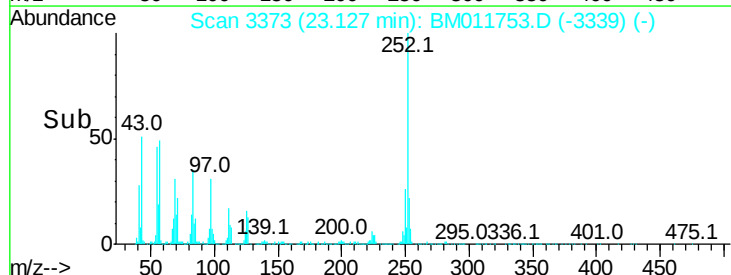
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	16.6	3.6	5.4

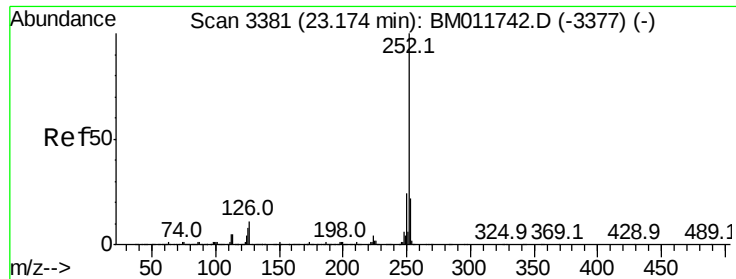


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

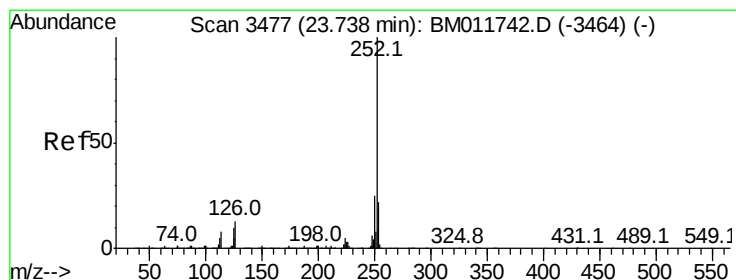
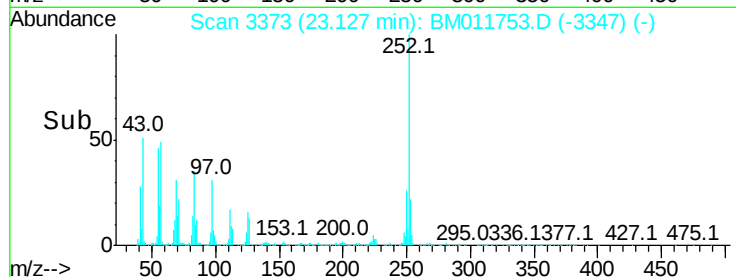
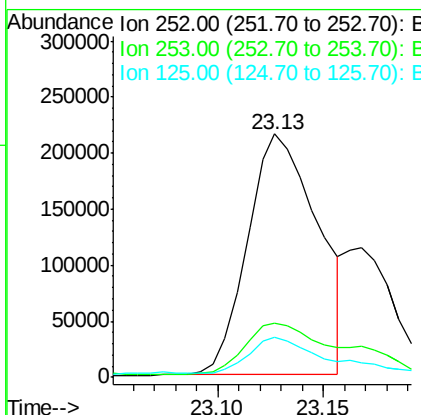
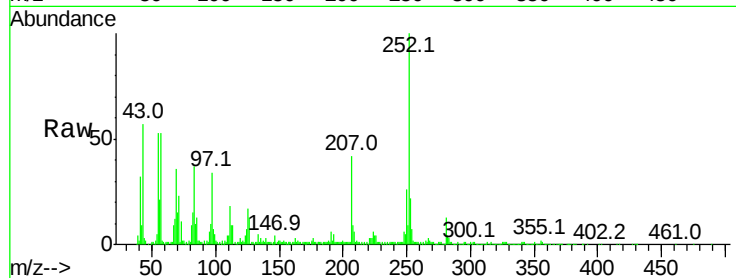




#86
Benzo(k)fluoranthene
Concen: 8.337 ng/ul
RT: 23.13 min Scan# 3373
Delta R.T. -0.05 min
Lab File: BM011753.D
Acq: 28 Sep 2017 09:12

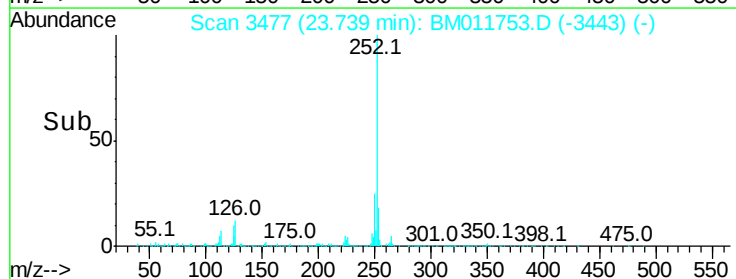
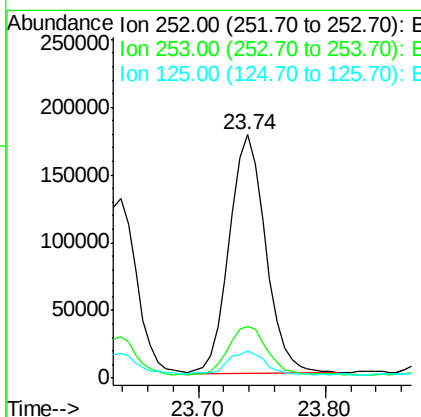
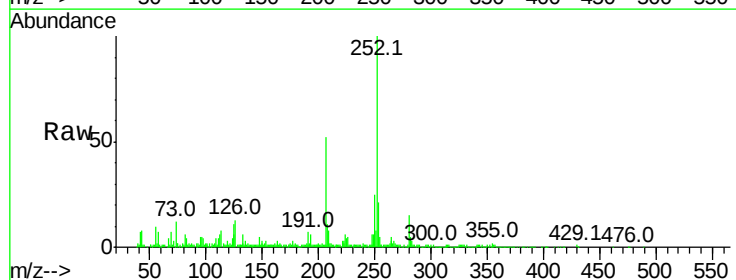
Instrument :
BNA_M
ClientSampled :

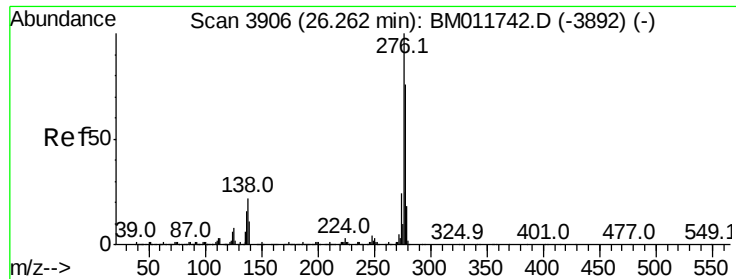
Tot Ion:252 Resp: 496758
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 16.6 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 6.221 ng/ul
RT: 23.74 min Scan# 3477
Delta R.T. 0.00 min
Lab File: BM011753.D
Acq: 28 Sep 2017 09:12

Tgt Ion:252 Resp: 350963
Ion Ratio Lower Upper
252 100
253 21.0 18.2 27.2
125 11.3 4.0 6.0#



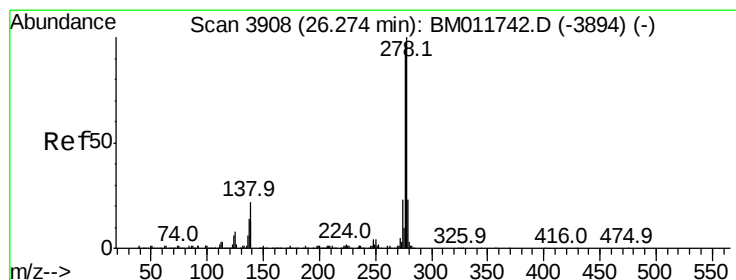
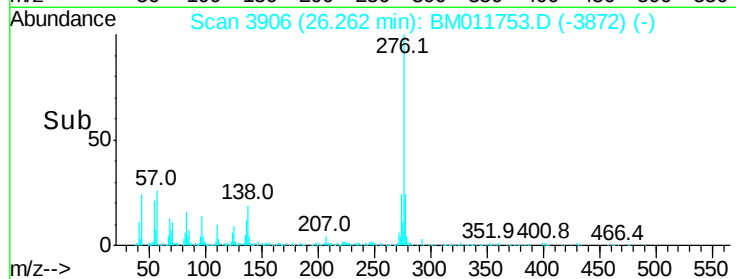
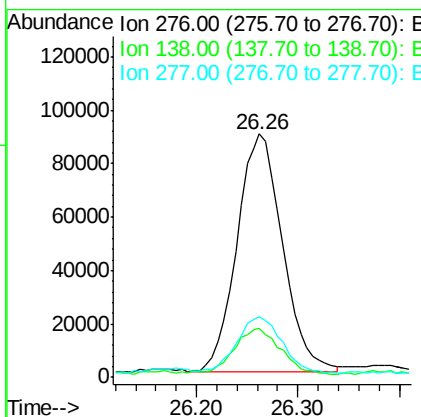
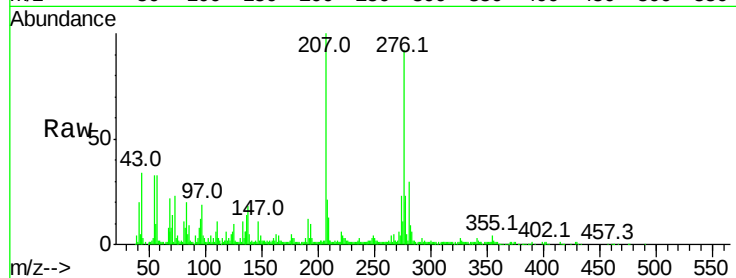


#89

Indeno(1,2,3-cd)pyrene
Concen: 4.732 ng/ul
RT: 26.26 min Scan# 3906
Delta R.T. 0.00 min
Lab File: BM011753.D
Acq: 28 Sep 2017 09:12

Instrument :
BNA_M
ClientSampleId :

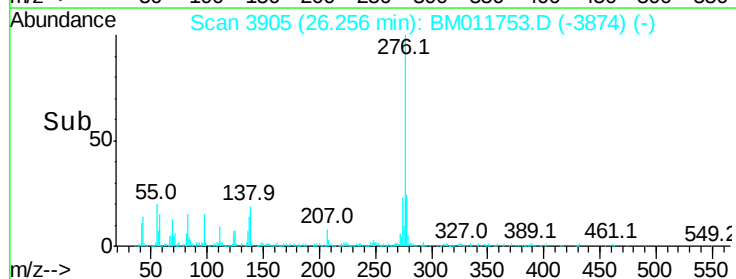
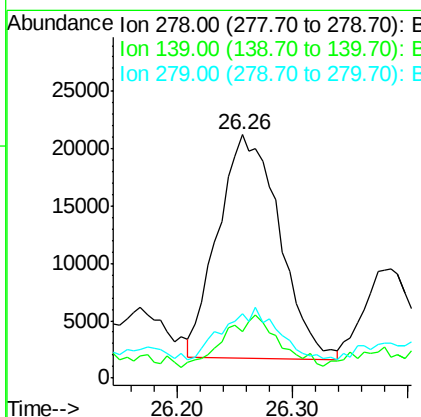
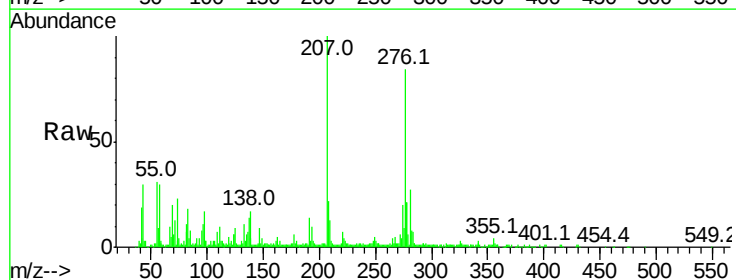
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	9.3	13.9#
277	25.0	19.9	29.9

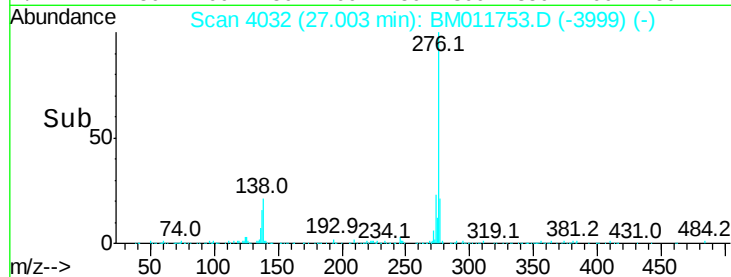
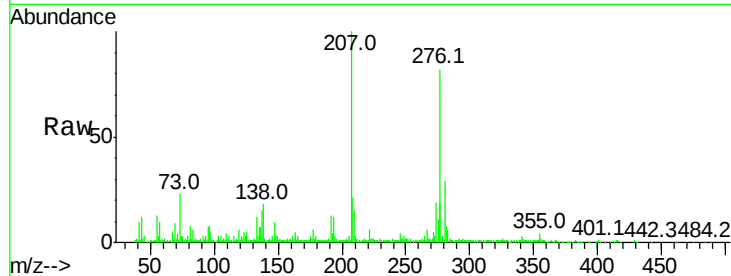
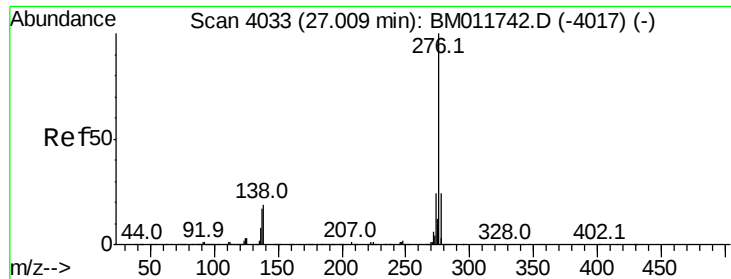


#90

Dibenzo(a,h)anthracene
Concen: 1.467 ng/ul
RT: 26.26 min Scan# 3905
Delta R.T. -0.02 min
Lab File: BM011753.D
Acq: 28 Sep 2017 09:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	5.8	8.8#
279	26.5	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 5.627 ng/ul

RT: 27.00 min Scan# 4032

Delta R.T. -0.01 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 274308

Ion Ratio Lower Upper

276 100

138 22.0 8.5 12.7#

277 22.8 18.6 28.0

