

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
 Data File : BM017810.D
 Acq On : 29 Nov 2018 23:46
 Operator : JU/SJ
 Sample : J6027-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB4R0

Quant Time: Nov 30 01:35:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 29 00:55:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	258254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1119300	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	655848	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1321656	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	981536	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	974951	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

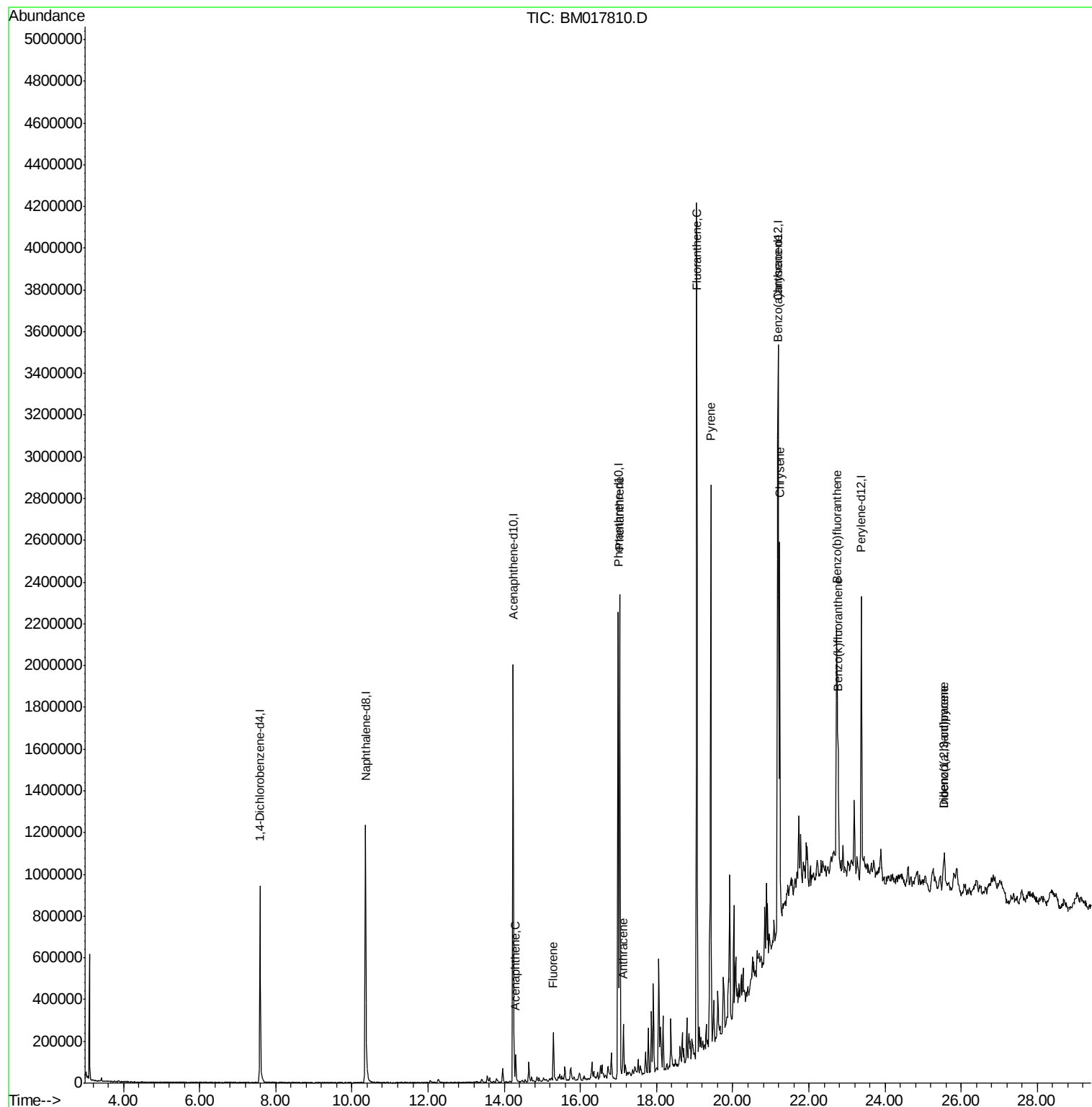
					Ovalue	
49) Acenaphthene	14.30	153	50672	1.093	ng/ul	96
58) Fluorene	15.29	166	113139	2.068	ng/ul	100
69) Phenanthrene	17.03	178	1272423	16.835	ng/ul	99
71) Anthracene	17.13	178	163040	2.109	ng/ul	98
76) Fluoranthene	19.06	202	2506103	28.190	ng/ul	99
79) Pyrene	19.42	202	1652625	27.736	ng/ul	99
82) Benzo(a)anthracene	21.18	228	1082176	17.776	ng/ul	98
84) Chrysene	21.23	228	954376	16.762	ng/ul	99
87) Benzo(b)fluoranthene	22.73	252	899712	14.846	ng/ul#	96
88) Benzo(k)fluoranthene	22.77	252	315231	5.352	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.55	276	104111	1.710	ng/ul	96
92) Dibenzo(a,h)anthracene	25.56	278	82097	1.597	ng/ul#	77

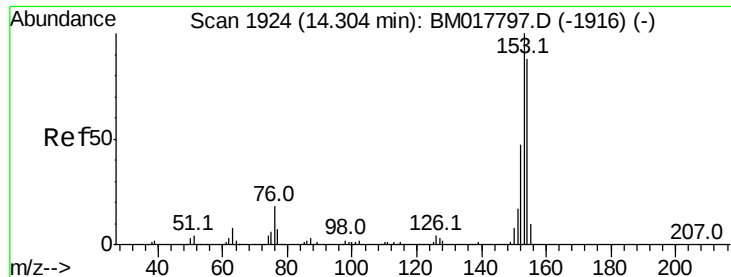
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017810.D
Acq On : 29 Nov 2018 23:46
Operator : JU/SJ
Sample : J6027-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB4R0

Quant Time: Nov 30 01:35:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 29 00:55:29 2018
Response via : Initial Calibration





#49

Acenaphthene

Concen: 1.093 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM017810.D

Acq: 29 Nov 2018 23:46

Instrument :

BNA_M

ClientSampleId :

CB4R0

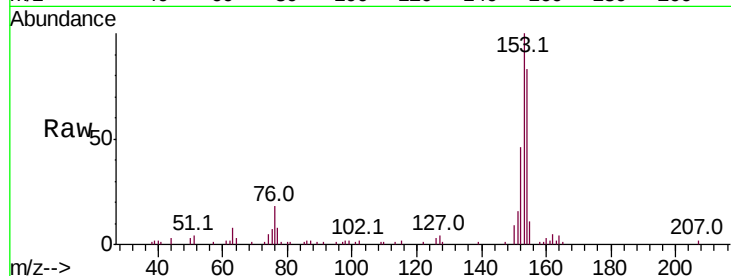
Tot Ion:153 Resp: 50672

Ion Ratio Lower Upper

153 100

152 45.6 37.0 55.6

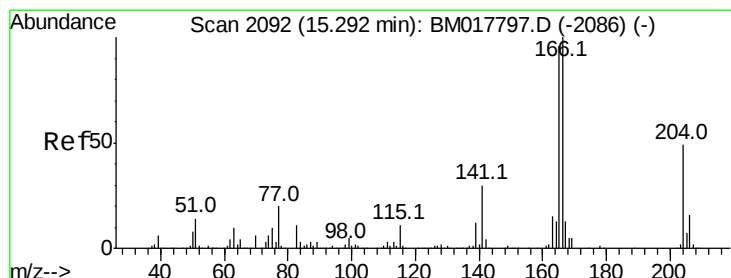
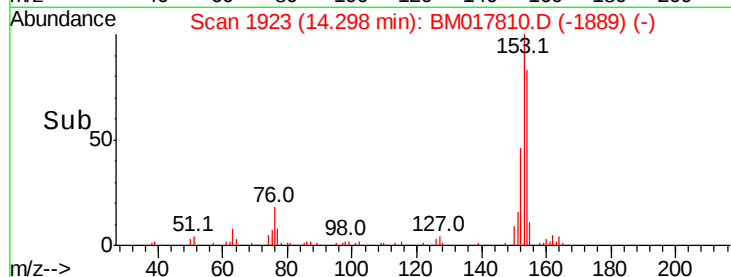
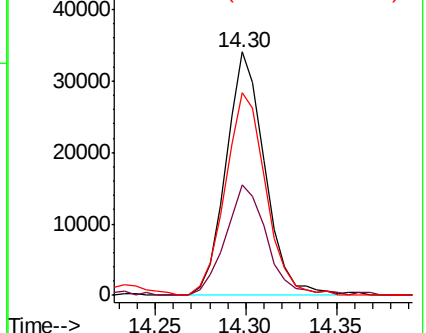
154 83.3 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 2.068 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BM017810.D

Acq: 29 Nov 2018 23:46

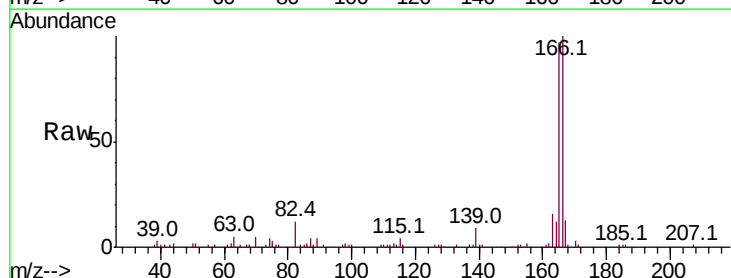
Tgt Ion:166 Resp: 113139

Ion Ratio Lower Upper

166 100

165 97.4 78.0 117.0

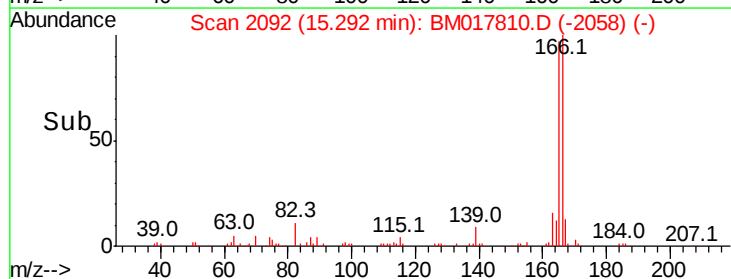
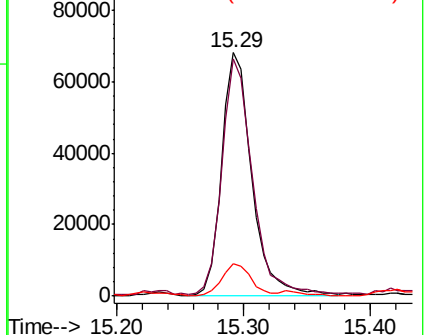
167 13.3 10.8 16.2

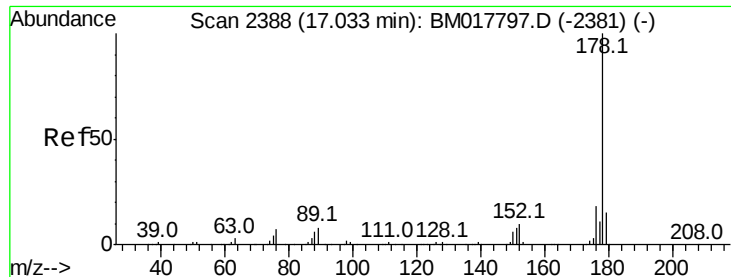


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 16.835 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM017810.D

Acq: 29 Nov 2018 23:46

Instrument :

BNA_M

ClientSampleId :

CB4R0

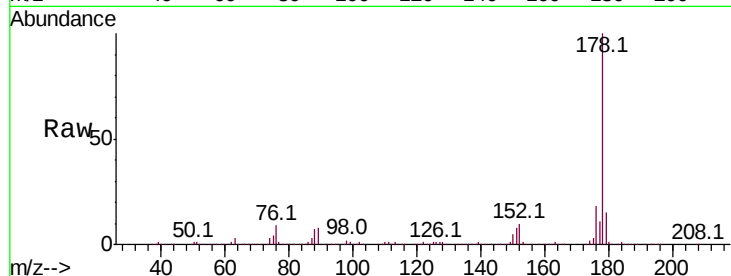
Tot Ion:178 Resp: 1272423

Ion Ratio Lower Upper

178 100

179 15.0 11.8 17.8

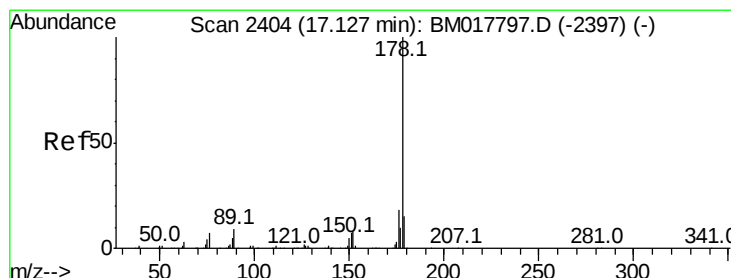
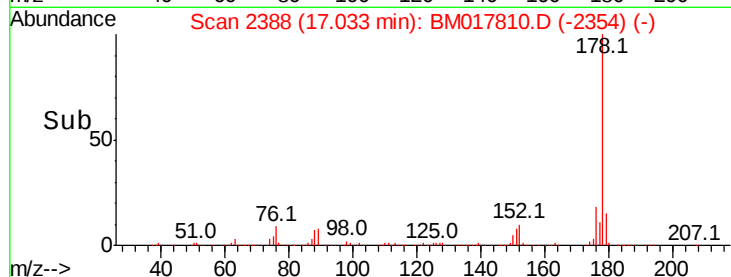
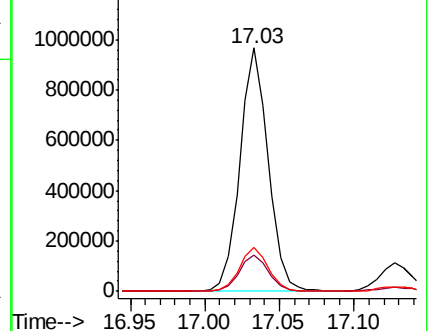
176 18.1 15.0 22.6



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: 2.109 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BM017810.D

Acq: 29 Nov 2018 23:46

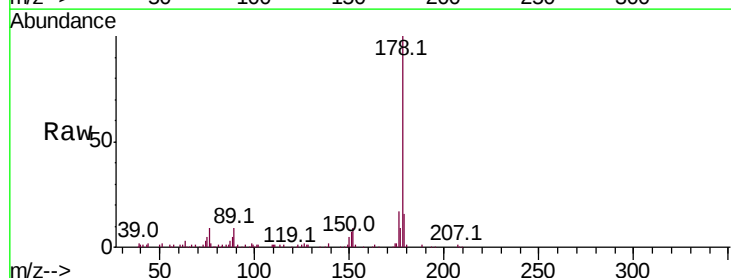
Tgt Ion:178 Resp: 163040

Ion Ratio Lower Upper

178 100

179 16.2 12.4 18.6

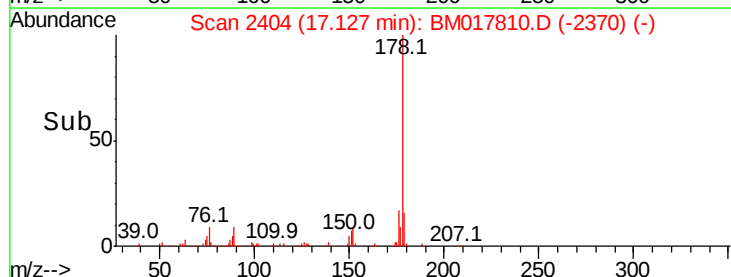
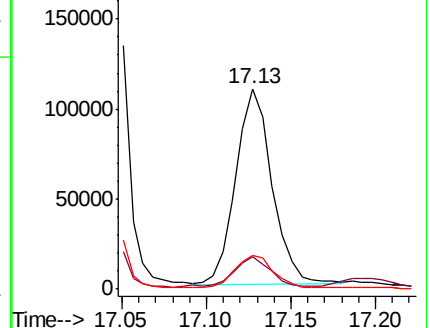
176 17.1 14.8 22.2

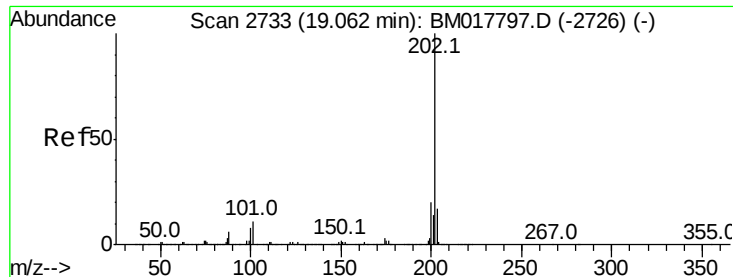


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

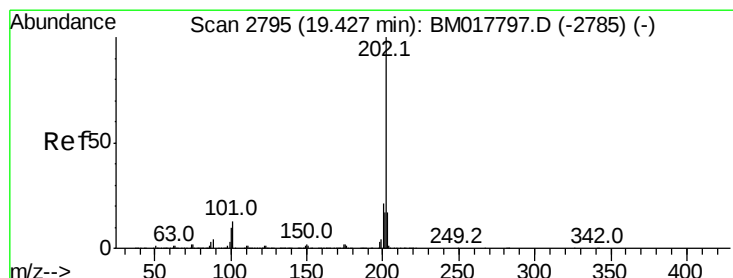
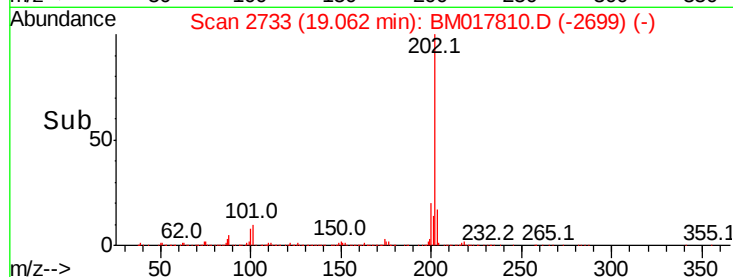
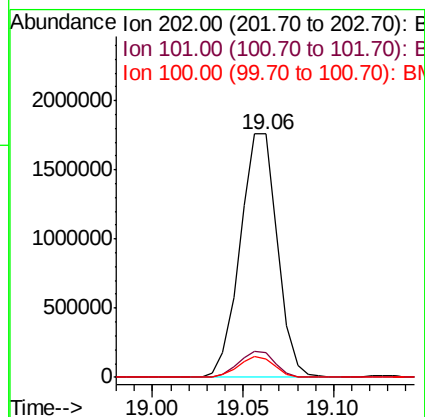
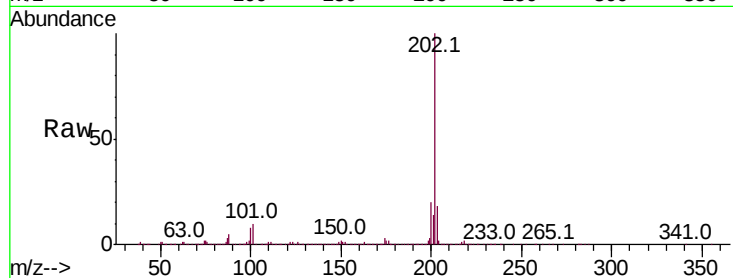




#76
Fluoranthene
Concen: 28.190 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BM017810.D
Acq: 29 Nov 2018 23:46

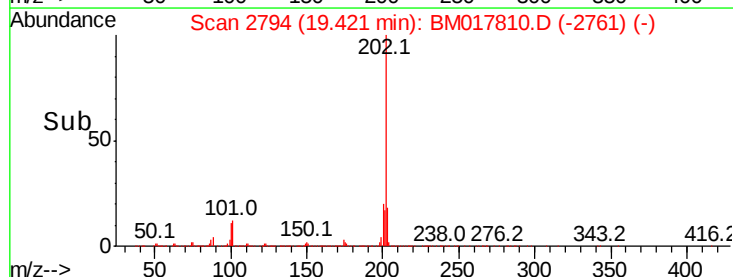
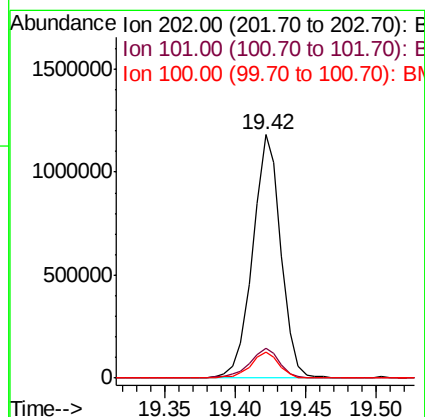
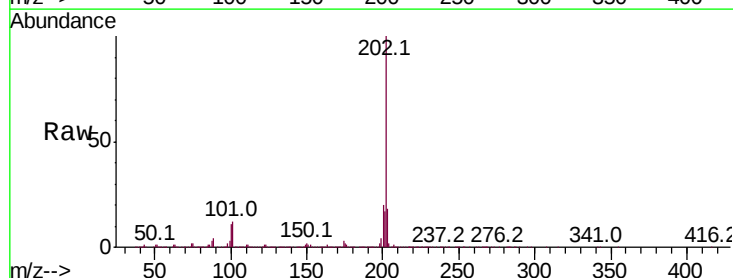
Instrument :
BNA_M
ClientSampleId :
CB4R0

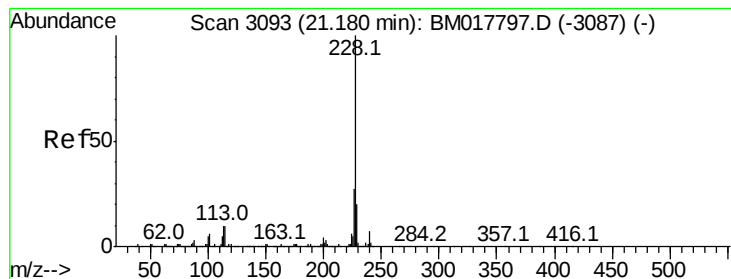
Tot Ion:202 Resp: 2506103
Ion Ratio Lower Upper
202 100
101 10.0 8.4 12.6
100 7.7 6.6 9.8



#79
Pyrene
Concen: 27.736 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM017810.D
Acq: 29 Nov 2018 23:46

Tgt Ion:202 Resp: 1652625
Ion Ratio Lower Upper
202 100
101 12.2 9.6 14.4
100 10.8 7.9 11.9





#82

Benzo(a)anthracene

Concen: 17.776 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM017810.D

Acq: 29 Nov 2018 23:46

Instrument :

BNA_M

ClientSampleId :

CB4R0

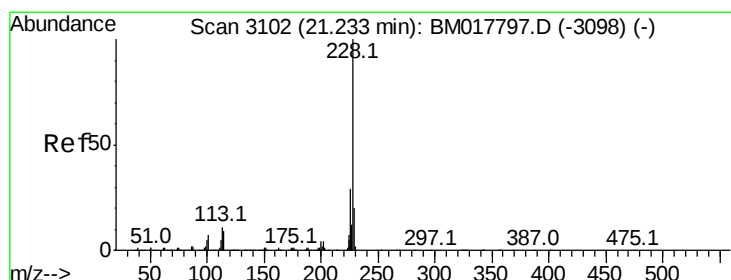
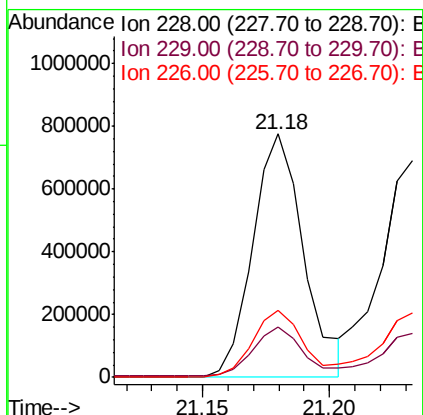
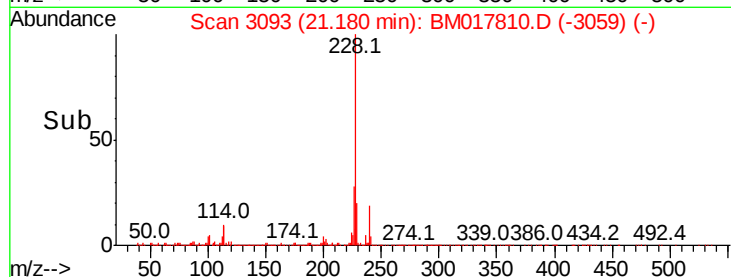
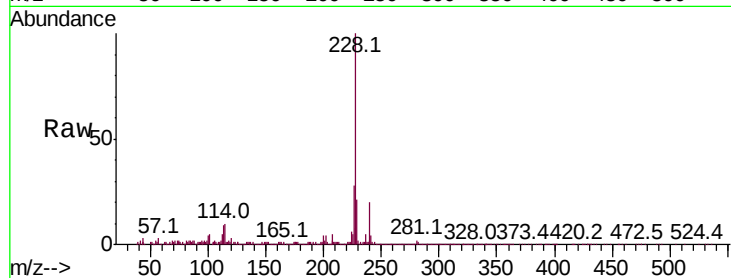
Tot Ion:228 Resp: 1082176

Ion Ratio Lower Upper

228 100

229 20.8 16.0 24.0

226 27.6 21.0 31.6



#84

Chrysene

Concen: 16.762 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM017810.D

Acq: 29 Nov 2018 23:46

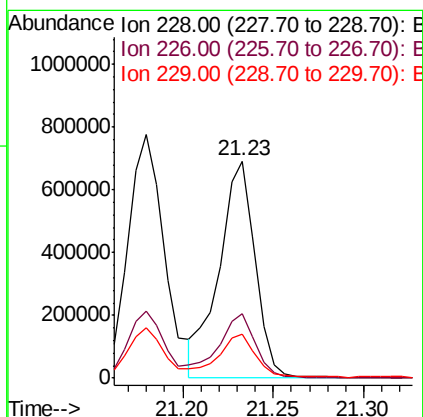
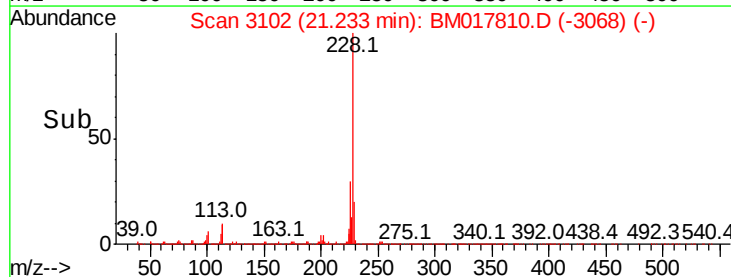
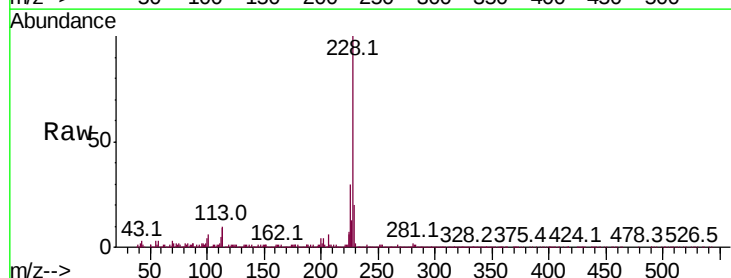
Tgt Ion:228 Resp: 954376

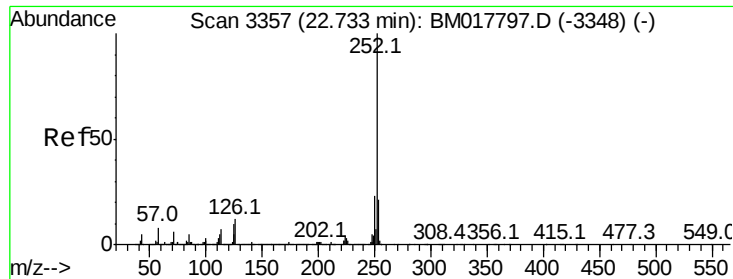
Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

229 20.3 15.8 23.8





#87

Benzo(b)fluoranthene

Concen: 14.846 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.00 min

Lab File: BM017810.D

Acq: 29 Nov 2018 23:46

Instrument :

BNA_M

ClientSampleId :

CB4R0

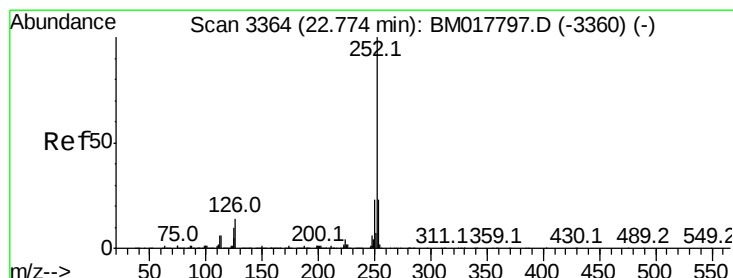
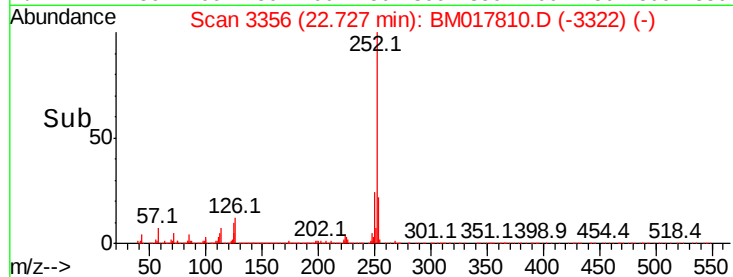
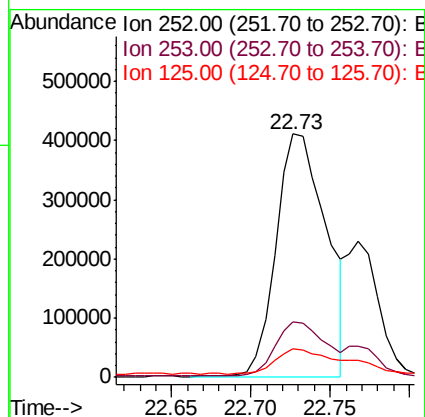
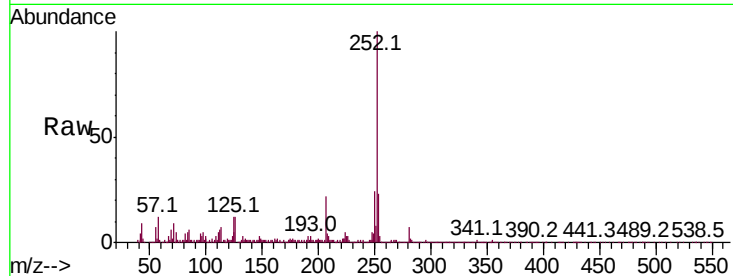
Tot Ion:252 Resp: 899712

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

125 11.6 7.3 10.9#



#88

Benzo(k)fluoranthene

Concen: 5.352 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BM017810.D

Acq: 29 Nov 2018 23:46

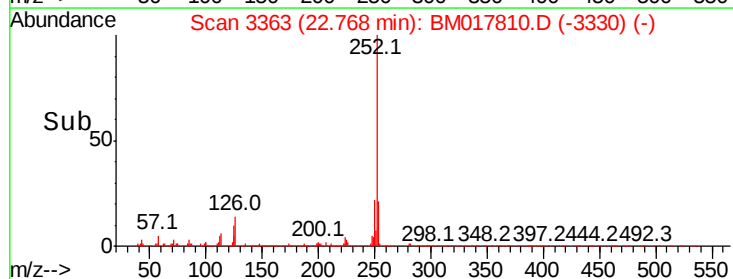
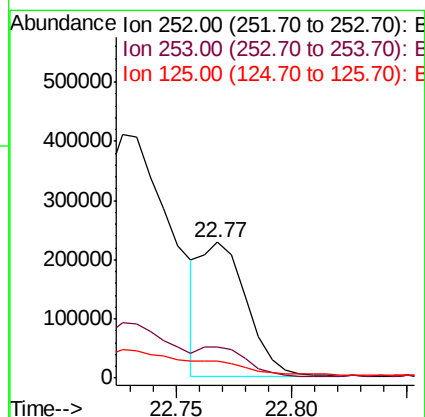
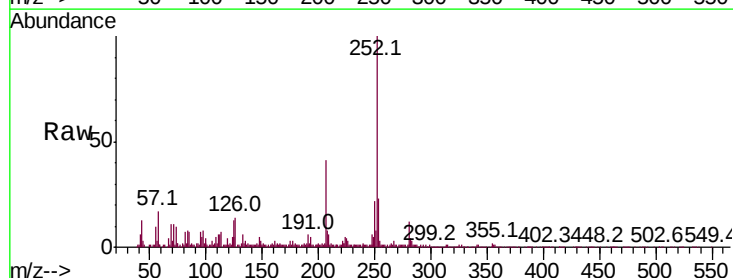
Tgt Ion:252 Resp: 315231

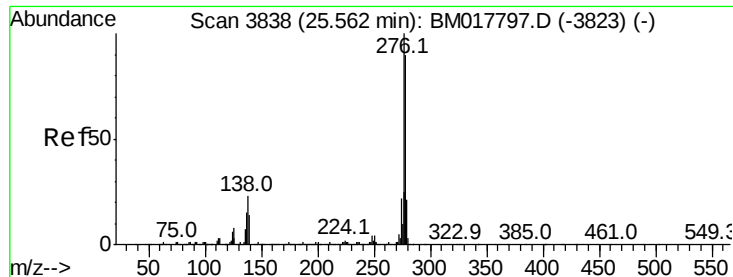
Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 12.6 7.1 10.7#



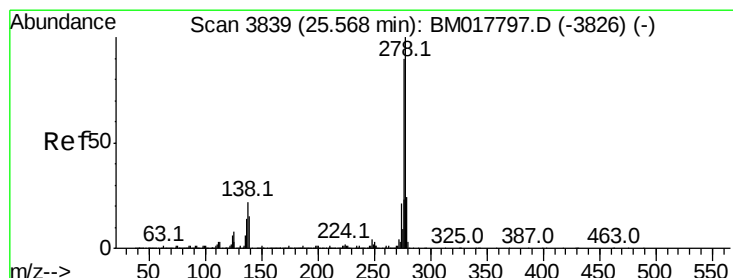
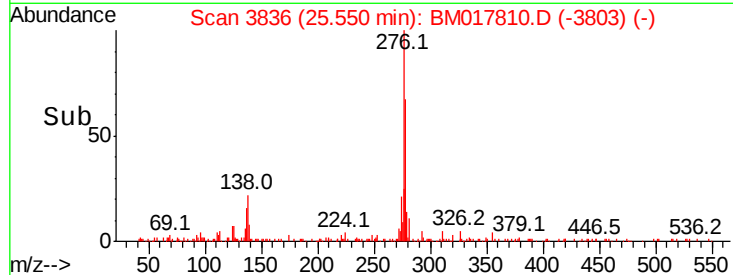
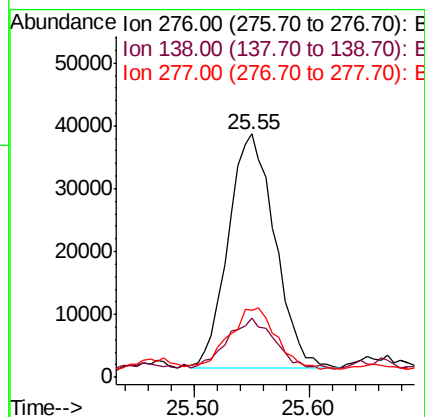
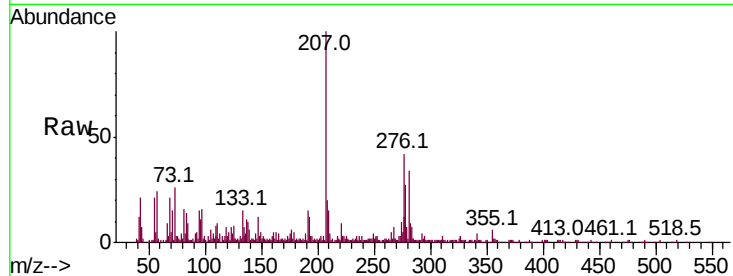


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.710 ng/ul
RT: 25.55 min Scan# 3836
Delta R.T. -0.01 min
Lab File: BM017810.D
Acq: 29 Nov 2018 23:46

Instrument :
BNA_M
ClientSampleId :
CB4R0

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.2	27.2
277	27.4	20.2	30.4



#92

Dibenzo(a,h)anthracene
Concen: 1.597 ng/ul
RT: 25.56 min Scan# 3838
Delta R.T. -0.00 min
Lab File: BM017810.D
Acq: 29 Nov 2018 23:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.7	11.5	17.3#
279	30.7	18.9	28.3#

