

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012191.D
 Acq On : 15 Oct 2017 03:43
 Operator : SJ/JU
 Sample : I5548-22 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

Quant Time: Oct 15 06:29:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 06:19:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	142785	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	621252	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	404294	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1027418	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1167275	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1024466	20.00	ng/ul	0.00

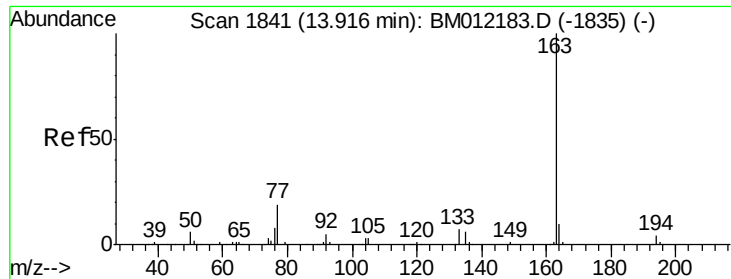
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1879	0.63	ng/uL	0.00
5) Phenol-d5	6.99	99	40203	3.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	23423	3.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	38743	3.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	33553	3.36	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	17210	3.63	ng/ul	0.01
22) 2-Nitrophenol-d4	9.71	143	20649	3.73	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	37804	3.57	ng/ul	0.02
29) 4-Chloroaniline-d4	10.78	131	16082	1.62	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	151377	4.24	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	184557	4.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	2699	0.50	ng/ul	0.04
57) Fluorene-d10	15.46	176	134108	4.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	6578	0.93	ng/ul	0.01
70) Anthracene-d10	17.31	188	232593	4.58	ng/ul	0.00
76) Pyrene-d10	19.60	212	283504	4.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	220878	4.47	ng/ul	0.00

Target Compounds

						Ovalue
44) Dimethylphthalate	13.92	163	55056	1.54	ng/ul	99
69) Phenanthrene	17.25	178	67959	1.16	ng/ul	96
71) Anthracene	17.25	178	67959	1.12	ng/ul	94
74) Fluoranthene	19.27	202	202222	2.87	ng/ul#	95
77) Pyrene	19.63	202	186273	2.42	ng/ul#	96
80) Benzo(a)anthracene	21.37	228	116472	1.53	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.28	149	80001	1.55	ng/ul	98
82) Chrysene	21.37	228	116865	1.64	ng/ul	94
85) Benzo(b)fluoranthene	23.00	252	143949	2.15	ng/ul#	88
86) Benzo(k)fluoranthene	23.00	252	143949	2.23	ng/ul#	86
88) Benzo(a)pyrene	23.60	252	97777	1.55	ng/ul#	87
91) Benzo(g,h,i)perylene	26.79	276	68040	1.24	ng/ul#	85

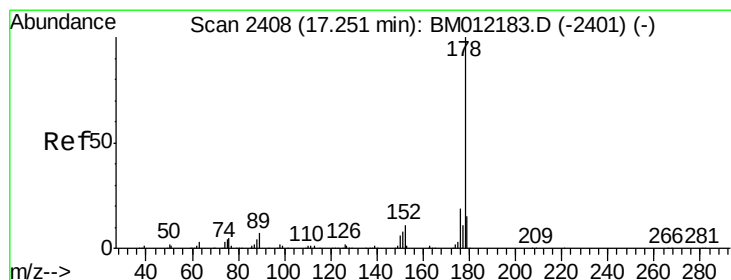
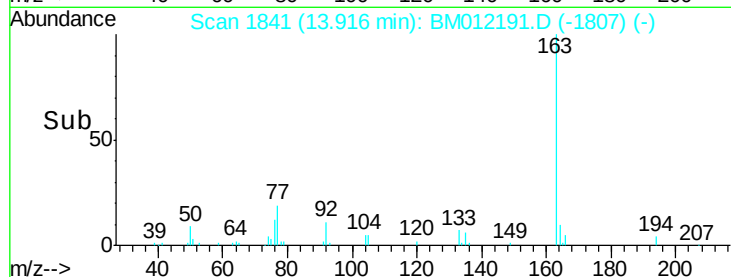
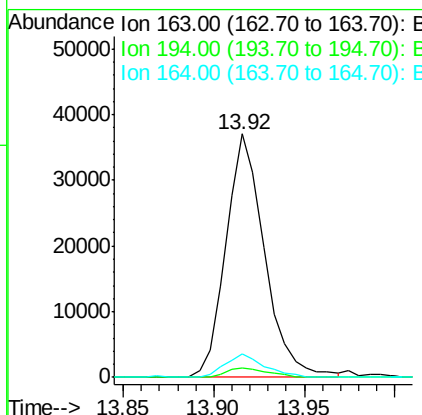
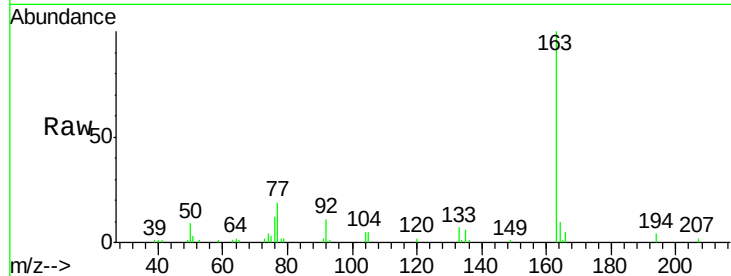
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#44
Dimethylphthalate
Concen: 1.54 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012191.D
Acq: 15 Oct 2017 03:43

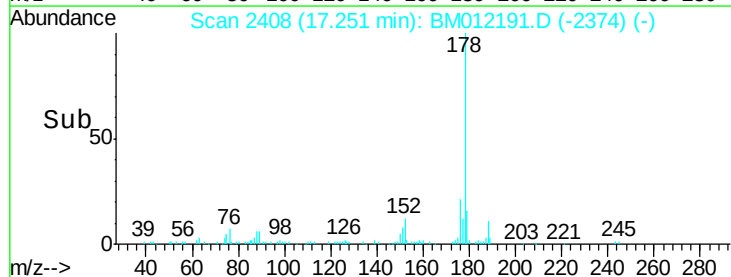
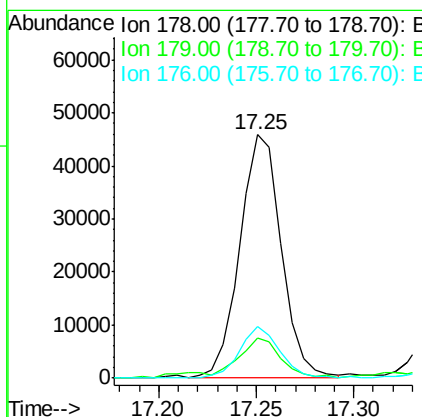
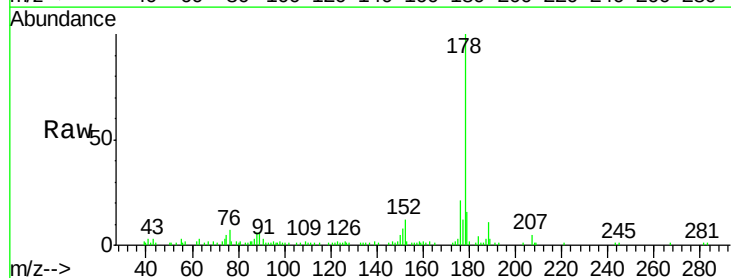
Instrument :
BNA_M
ClientSampleID :
C0AE8

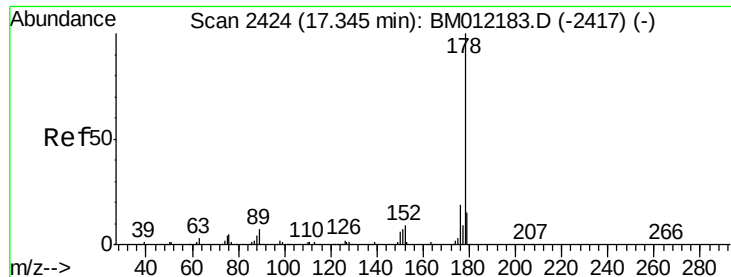
Tot Ion:163 Resp: 55056
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 9.8 8.2 12.4



#69
Phenanthrene
Concen: 1.16 ng/ul
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM012191.D
Acq: 15 Oct 2017 03:43

Tgt Ion:178 Resp: 67959
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 21.0 14.9 22.3

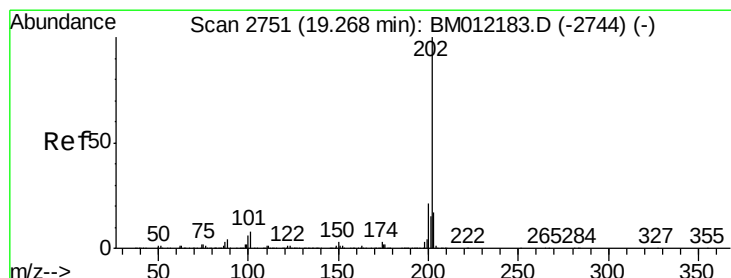
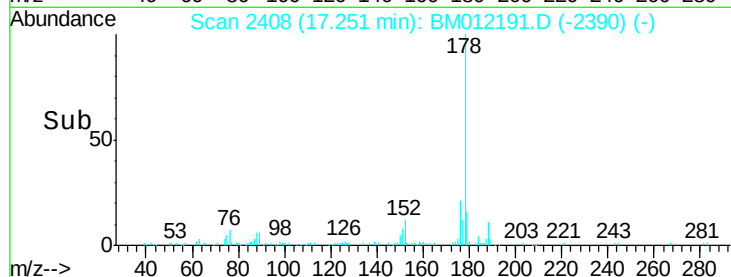
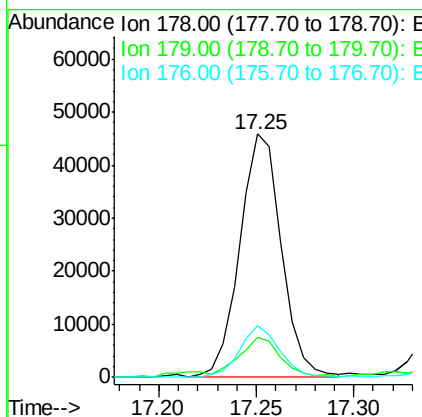
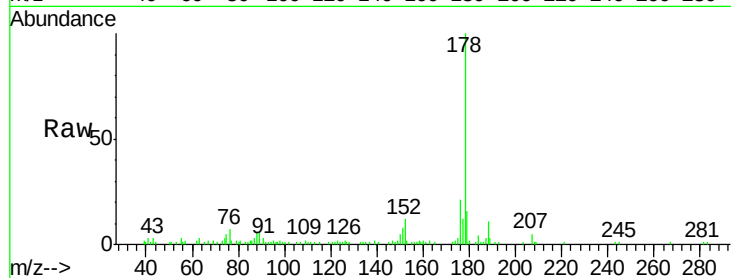




#71
 Anthracene
 Concen: 1.12 ng/ul
 RT: 17.25 min Scan# 2408
 Delta R.T. -0.09 min
 Lab File: BM012191.D
 Acq: 15 Oct 2017 03:43

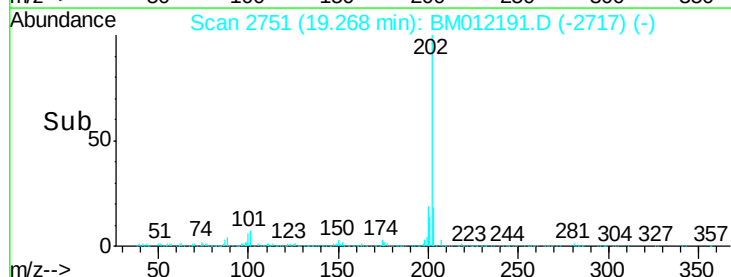
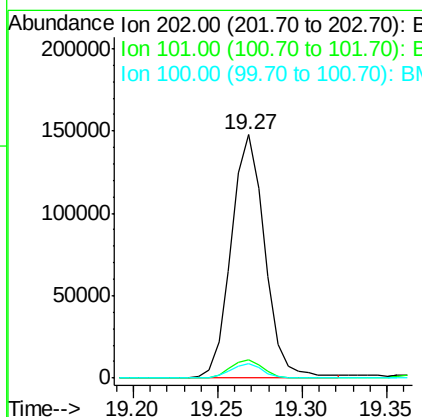
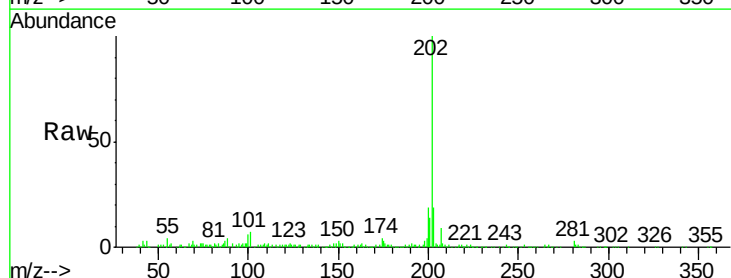
Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

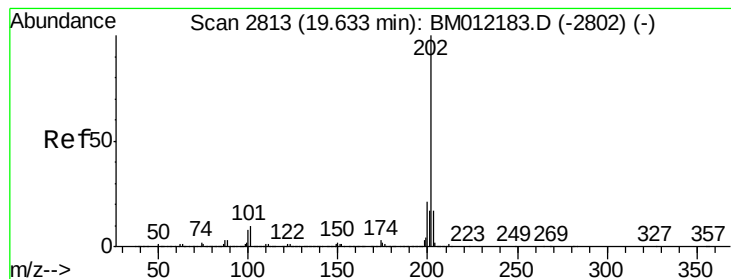
Tot Ion:178 Resp: 67959
 Ion Ratio Lower Upper
 178 100
 179 16.5 11.7 17.5
 176 21.0 14.6 21.8



#74
 Fluoranthene
 Concen: 2.87 ng/ul
 RT: 19.27 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BM012191.D
 Acq: 15 Oct 2017 03:43

Tgt Ion:202 Resp: 202222
 Ion Ratio Lower Upper
 202 100
 101 7.4 4.6 7.0#
 100 5.9 3.4 5.2#





#77

Pvrene

Concen: 2.42 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

Instrument :

BNA_M

ClientSampleId :

C0AE8

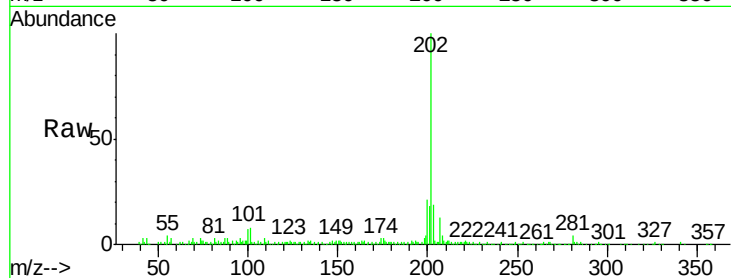
Tot Ion:202 Resp: 186273

Ion Ratio Lower Upper

202 100

101 8.2 5.1 7.7#

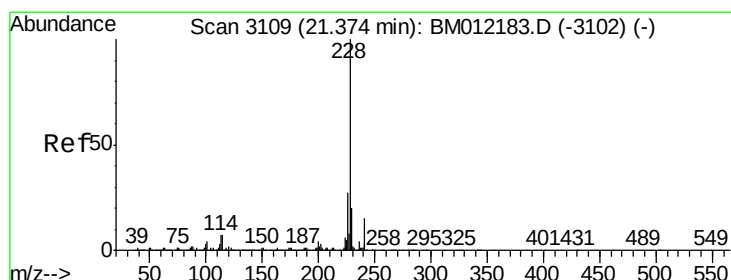
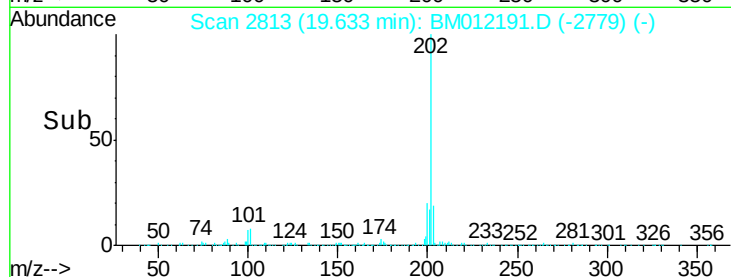
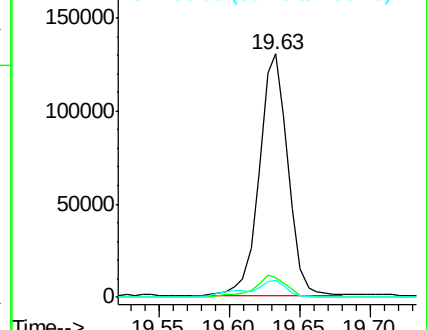
100 7.1 4.9 7.3



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: 1.53 ng/ul

RT: 21.37 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

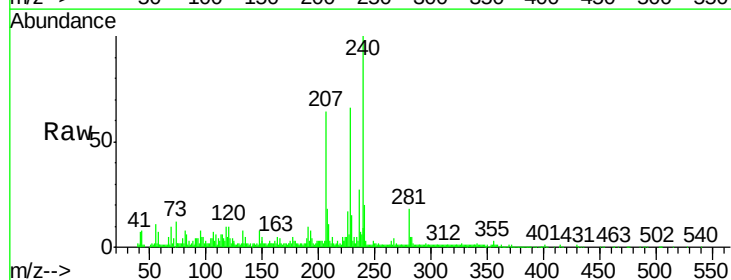
Tgt Ion:228 Resp: 116472

Ion Ratio Lower Upper

228 100

229 22.2 15.4 23.0

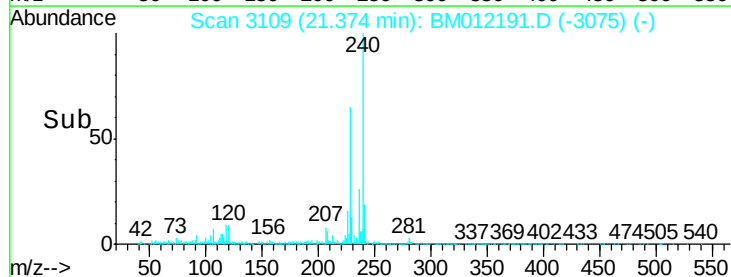
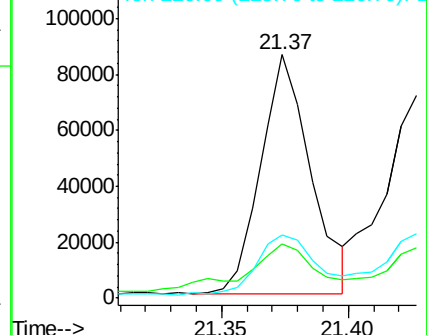
226 26.0 21.4 32.0

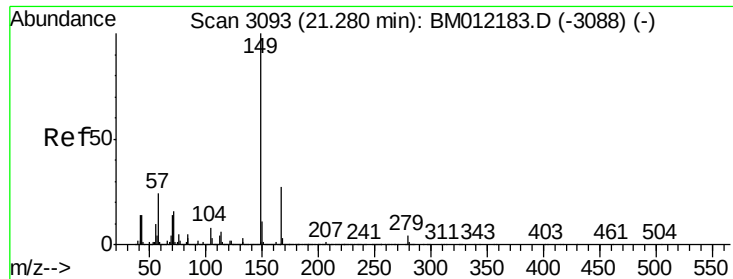


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.55 ng/ul

RT: 21.28 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

Instrument :

BNA_M

ClientSampleId :

C0AE8

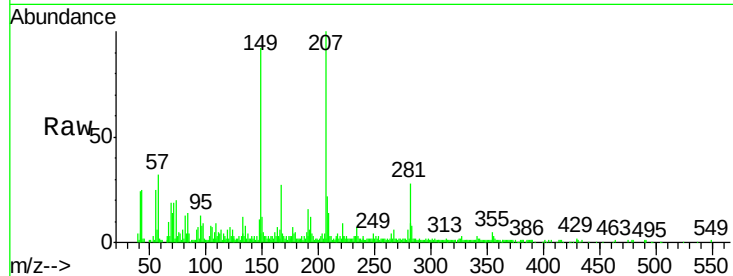
Tot Ion:149 Resp: 80001

Ion Ratio Lower Upper

149 100

167 29.4 22.8 34.2

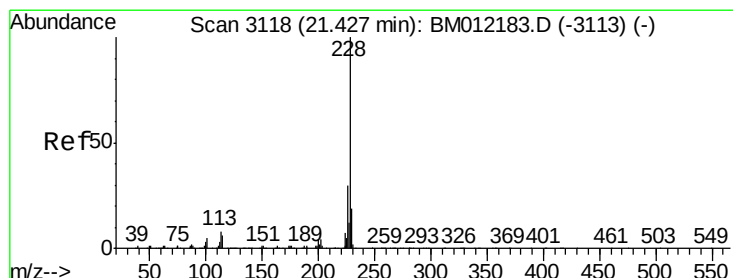
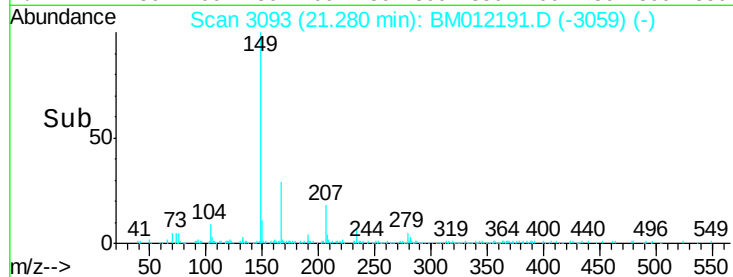
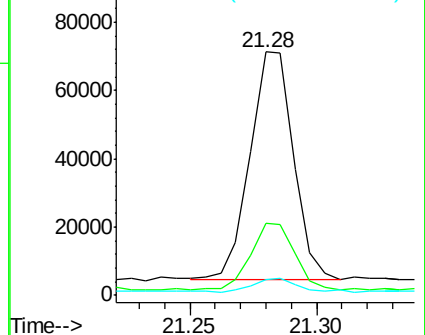
279 6.7 4.9 7.3



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: 1.64 ng/ul

RT: 21.37 min Scan# 3109

Delta R.T. -0.05 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

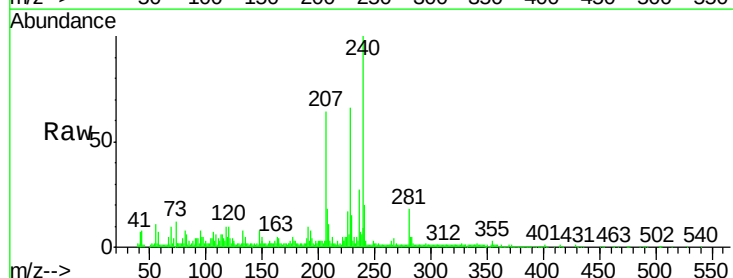
Tgt Ion:228 Resp: 116865

Ion Ratio Lower Upper

228 100

226 26.0 23.4 35.2

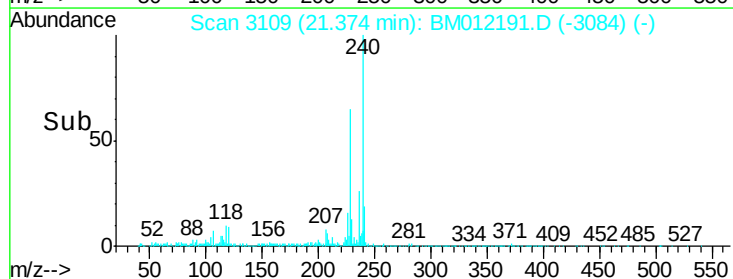
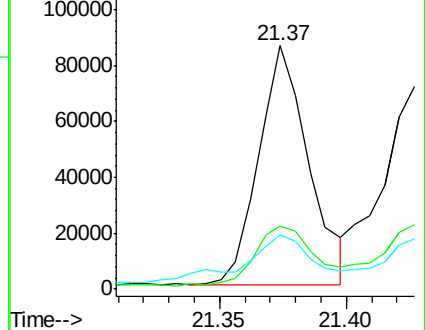
229 22.2 15.5 23.3

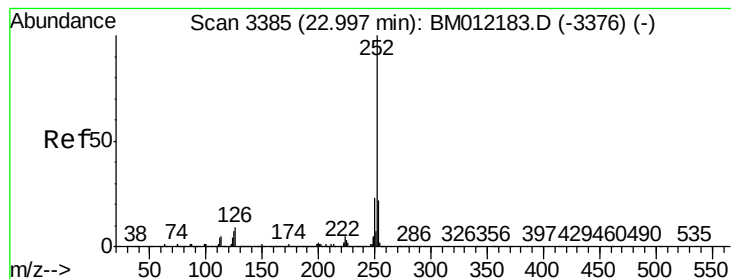


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.15 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. 0.01 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

Instrument :

BNA_M

ClientSampleId :

C0AE8

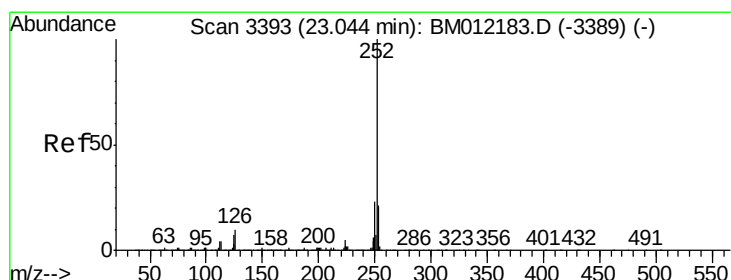
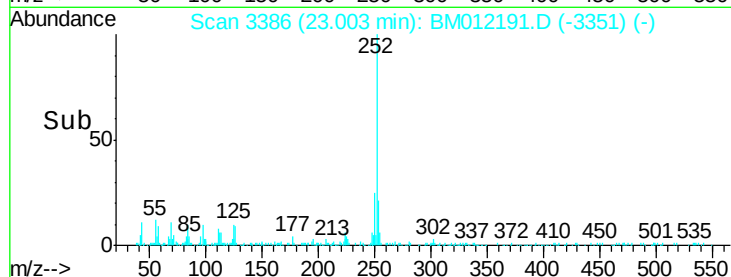
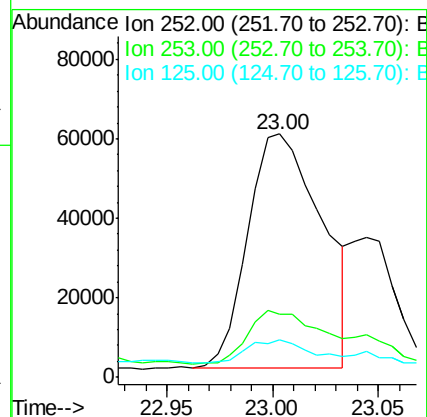
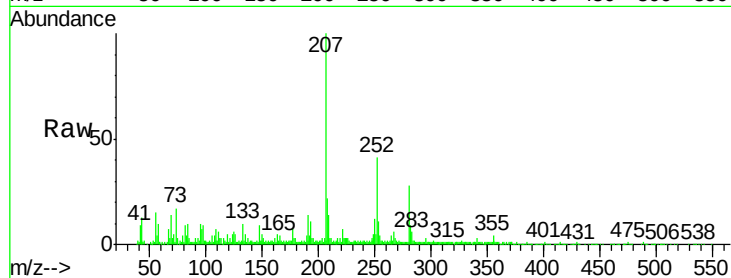
Tot Ion:252 Resp: 143949

Ion Ratio Lower Upper

252 100

253 26.1 17.9 26.9

125 15.2 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 2.23 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. -0.04 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

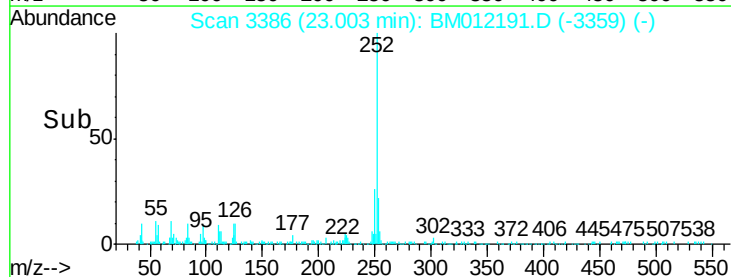
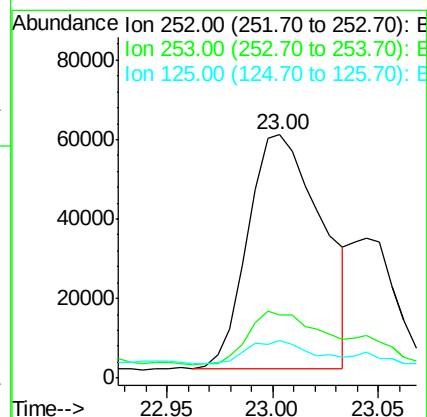
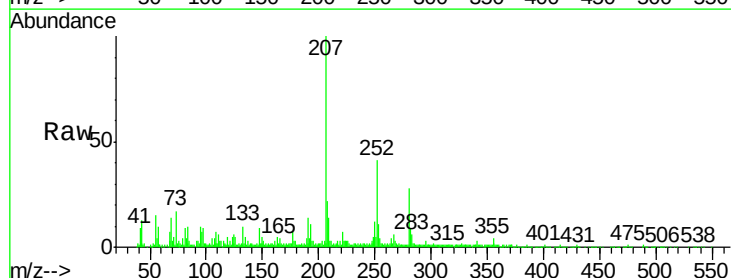
Tgt Ion:252 Resp: 143949

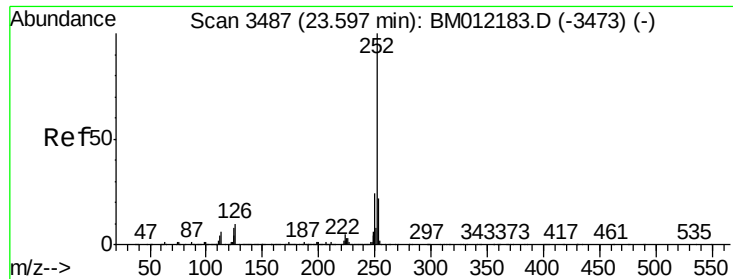
Ion Ratio Lower Upper

252 100

253 26.1 17.1 25.7#

125 15.2 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.55 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. -0.00 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

Instrument :

BNA_M

ClientSampleId :

C0AE8

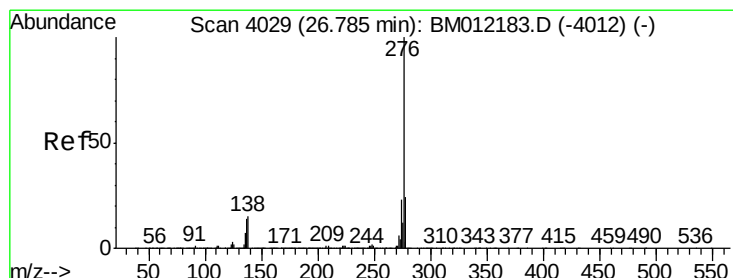
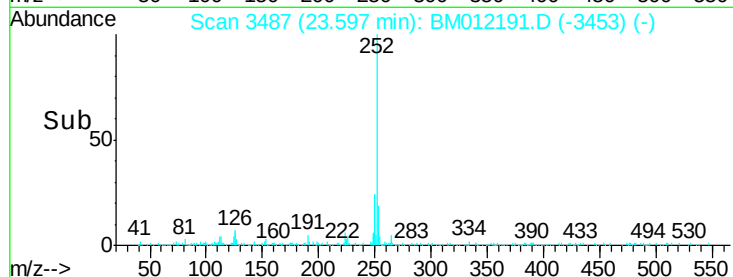
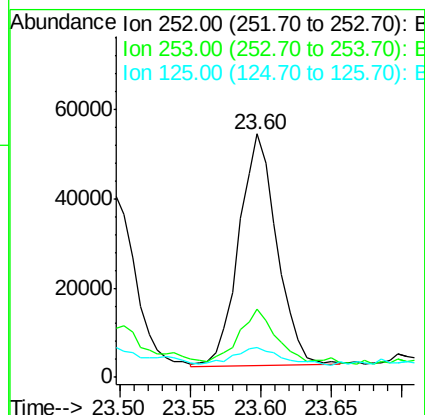
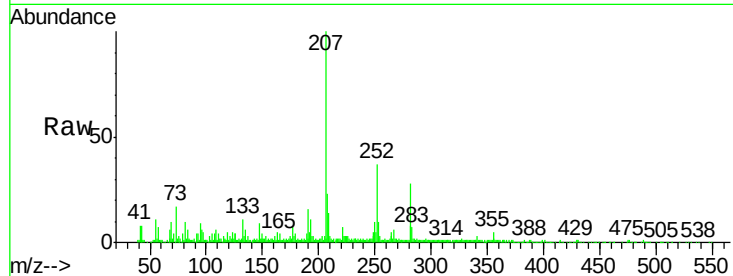
Tot Ion:252 Resp: 97777

Ion Ratio Lower Upper

252 100

253 27.8 18.2 27.2#

125 12.1 4.0 6.0#



#91

Benzo(g,h,i)perylene

Concen: 1.24 ng/ul

RT: 26.79 min Scan# 4029

Delta R.T. -0.00 min

Lab File: BM012191.D

Acq: 15 Oct 2017 03:43

Tgt Ion:276 Resp: 68040

Ion Ratio Lower Upper

276 100

138 18.3 8.5 12.7#

277 29.3 18.6 28.0#

