

Data File : BM018044.D
Acq On : 11 Dec 2018 03:09
Operator : JU/SJ
Sample : J6161-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5AA1

Quant Time: Dec 11 06:47:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:43:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	227294	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	960906	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	501604	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	969036	20.00	ng/ul	0.01
77) Chrysene-d12	21.20	240	889132	20.00	ng/ul	0.03
85) Perylene-d12	23.39	264	954562	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	17933	3.61	ng/uL	0.00
5) Phenol-d5	6.75	99	352996	17.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	235801	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	315543	19.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	151630	8.94	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	166735	22.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	175003	20.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	271347	16.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	217592	15.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	991352	22.78	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1245560	23.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	4078	0.52	ng/ul	0.00
57) Fluorene-d10	15.21	176	801553	21.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	10218	1.48	ng/ul	0.03
70) Anthracene-d10	17.07	188	1126061	23.34	ng/ul	0.01
78) Pyrene-d10	19.39	212	1136465	26.41	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.25	264	1187193	22.93	ng/ul	0.04

Target Compounds

					Qvalue
6) Phenol	6.77	94	76864	3.710 ng/ul	94
28) Naphthalene	10.37	128	110433	2.206 ng/ul	99
30) 4-Chloroaniline	10.37	127	14686	1.042 ng/ul#	3
34) 2-Methylnaphthalene	11.99	142	58870	1.575 ng/ul	99
44) Dimethylphthalate	13.67	163	116981	2.774 ng/ul#	95
45) 2,6-Dinitrotoluene	13.81	165	8553	1.032 ng/ul#	26
47) Acenaphthylene	13.92	152	96232	1.956 ng/ul#	83
48) 3-Nitroaniline	14.16	138	8102	1.025 ng/ul#	22
53) Dibenzofuran	14.61	168	58553	1.167 ng/ul#	73
58) Fluorene	15.26	166	56981	1.362 ng/ul#	74
64) N-Nitrosodiphenylamine	15.48	169	129286	4.333 ng/ul#	45
69) Phenanthrene	17.01	178	729916	13.172 ng/ul#	90
71) Anthracene	17.10	178	160036	2.824 ng/ul#	72
74) Carbazole	17.39	167	72493	1.452 ng/ul#	10
76) Fluoranthene	19.05	202	857495	13.156 ng/ul	97
79) Pyrene	19.42	202	1474149	27.312 ng/ul	98
82) Benzo(a)anthracene	21.18	228	483225	8.762 ng/ul#	66
84) Chrysene	21.23	228	665504	12.903 ng/ul#	79
87) Benzo(b)fluoranthene	22.74	252	516188	8.700 ng/ul#	38
88) Benzo(k)fluoranthene	22.74	252	516188	8.951 ng/ul#	39
90) Benzo(a)pyrene	23.29	252	422850	7.515 ng/ul#	52
91) Indeno(1,2,3-cd)pyrene	25.55	276	218266	3.661 ng/ul#	83
92) Dibenzo(a,h)anthracene	25.54	278	70722	1.405 ng/ul#	2

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121018\
Quantitation Report (Not Reviewed)

Data File : BM018044.D
Acq On : 11 Dec 2018 03:09
Operator : JU/SJ
Sample : J6161-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5AA1

Quant Time: Dec 11 06:47:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:43:59 2018
Response via : Initial Calibration

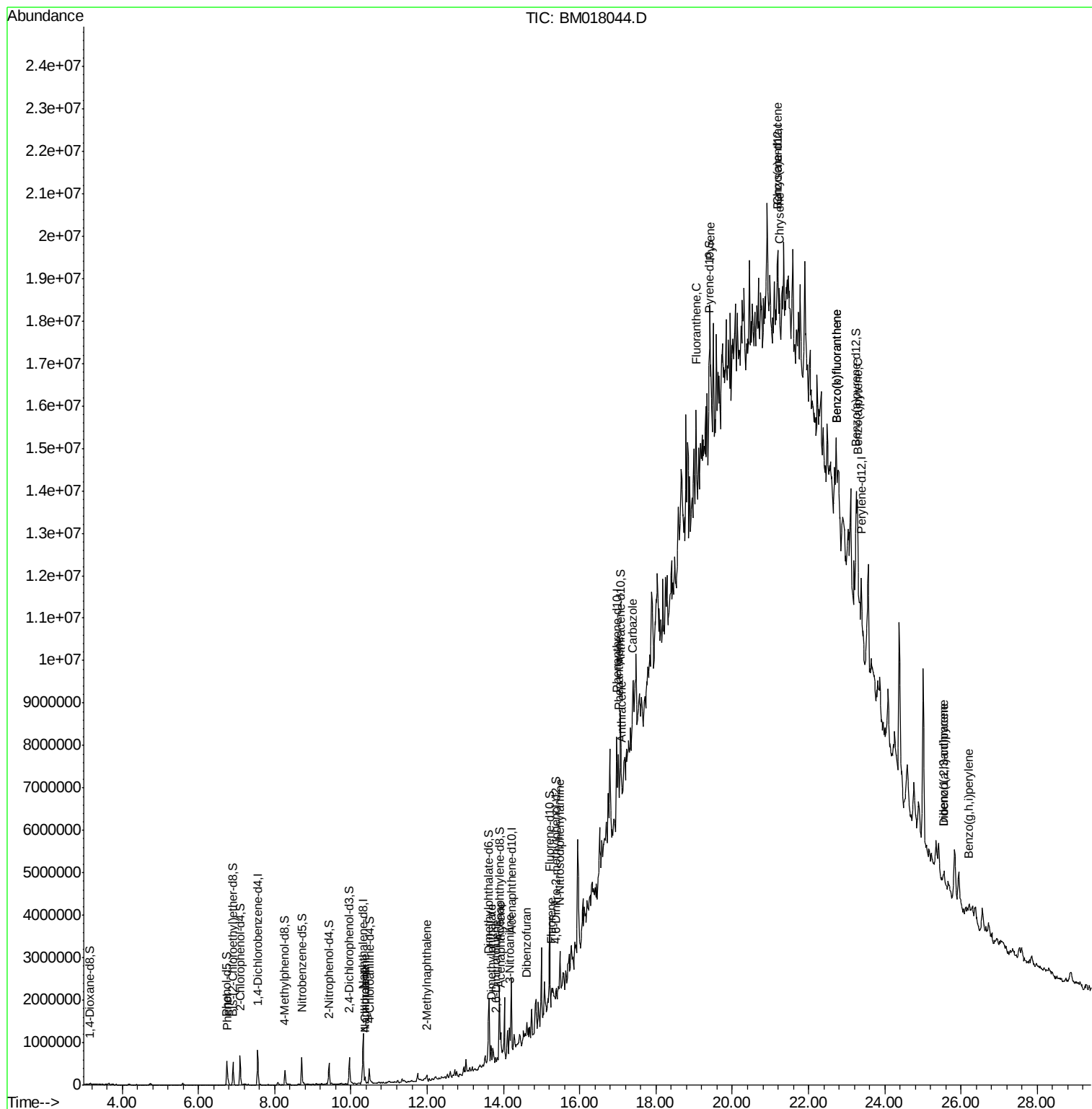
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.21	276	260692	5.410	ng/ul#	83

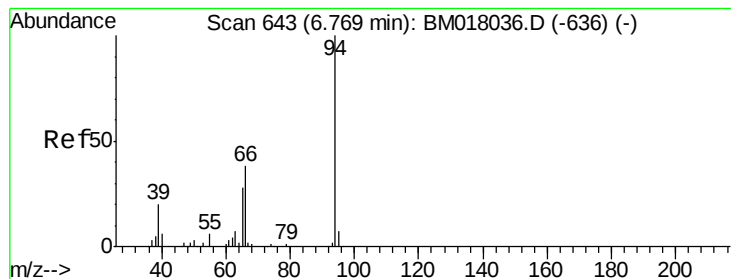
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM018044.D
Acq On : 11 Dec 2018 03:09
Operator : JU/SJ
Sample : J6161-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5AA1

Quant Time: Dec 11 06:47:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:43:59 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.710 ng/ul

RT: 6.77 min Scan# 644

Delta R.T. 0.01 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

Instrument :

BNA_M

ClientSampleId :

C5AA1

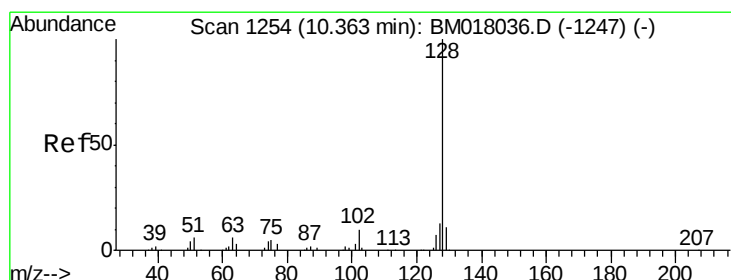
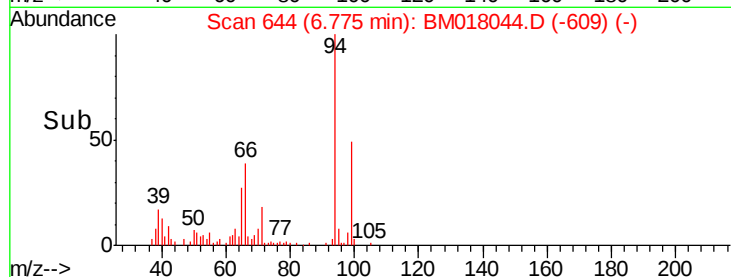
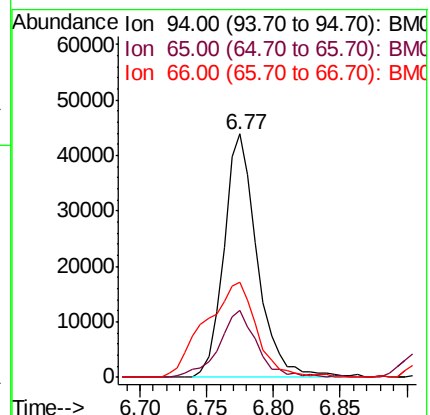
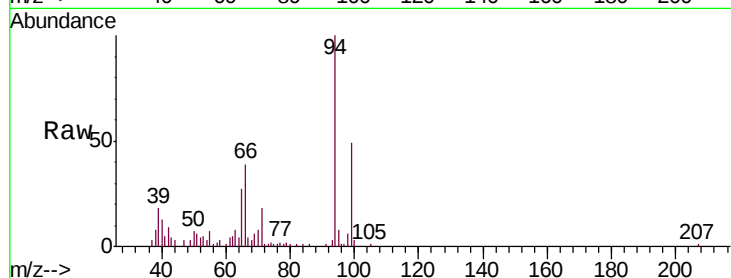
Tgt Ion: 94 Resp: 76864

Ion Ratio Lower Upper

94 100

65 27.4 24.7 37.1

66 39.1 34.6 51.8



#28

Naphthalene

Concen: 2.206 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

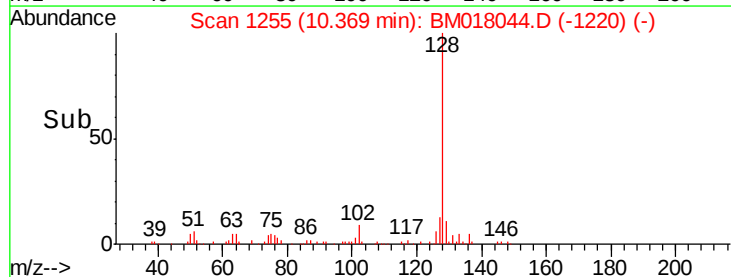
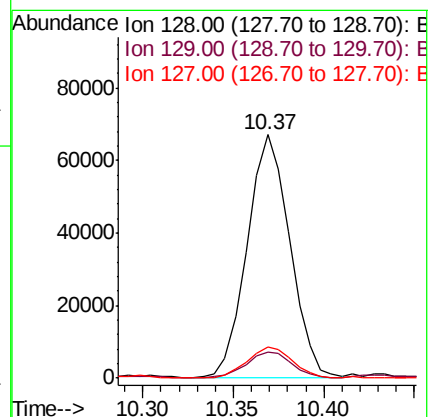
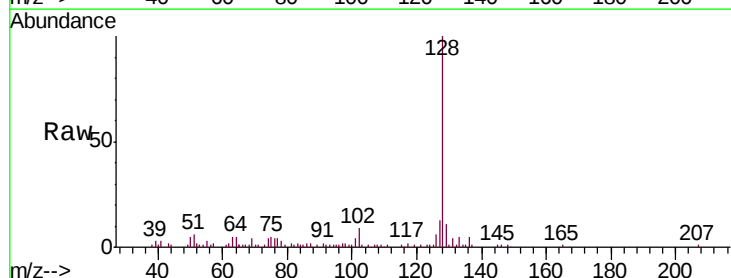
Tgt Ion: 128 Resp: 110433

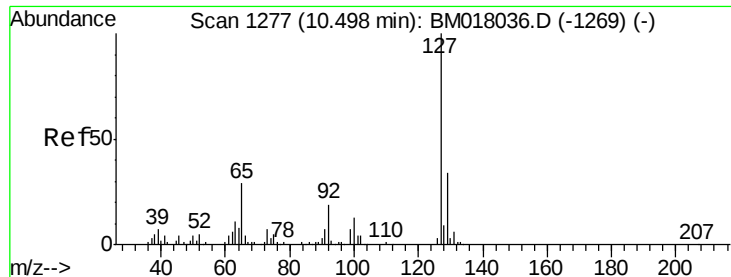
Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

127 12.6 10.8 16.2

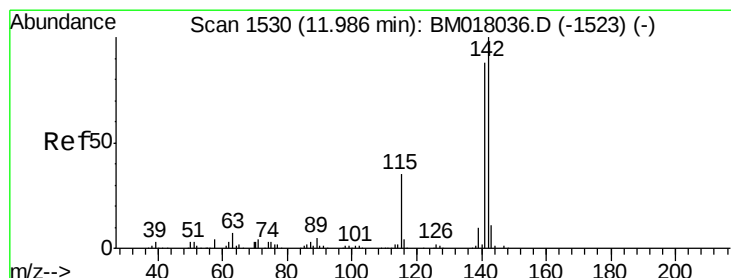
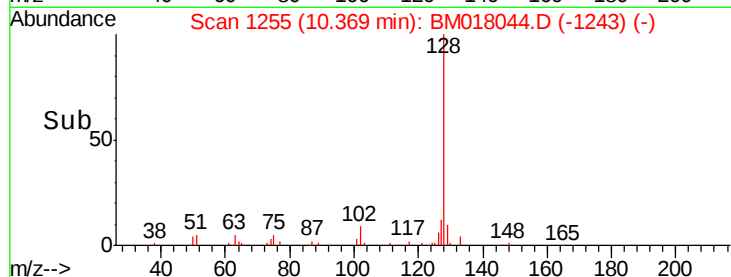
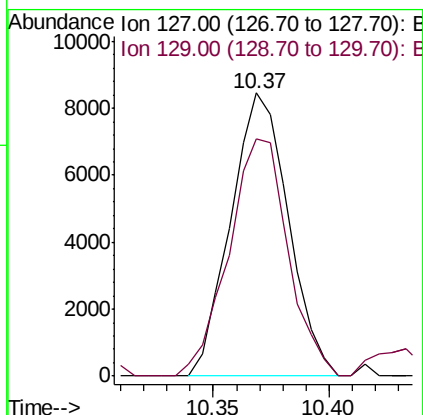
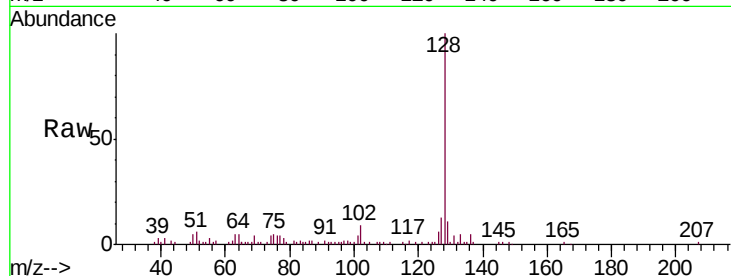




#30
4-Chloroaniline
Concen: 1.042 ng/ul
RT: 10.37 min Scan# 1255
Delta R.T. -0.13 min
Lab File: BM018044.D
Acq: 11 Dec 2018 03:09

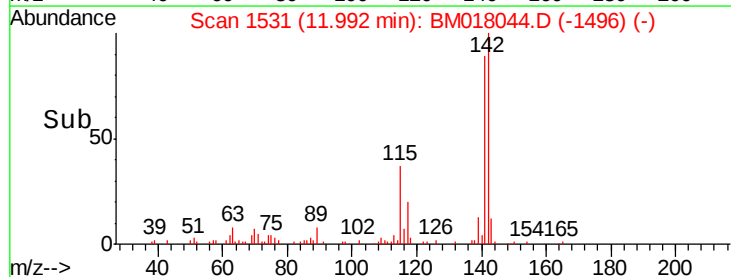
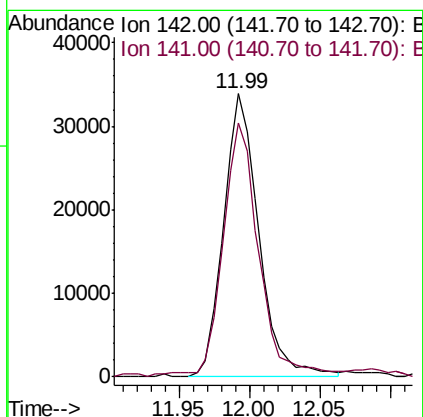
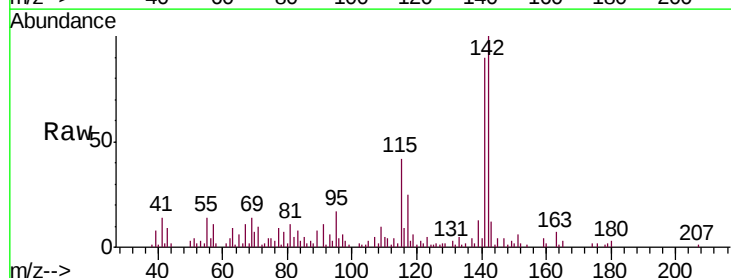
Instrument :
BNA_M
ClientSampleId :
C5AA1

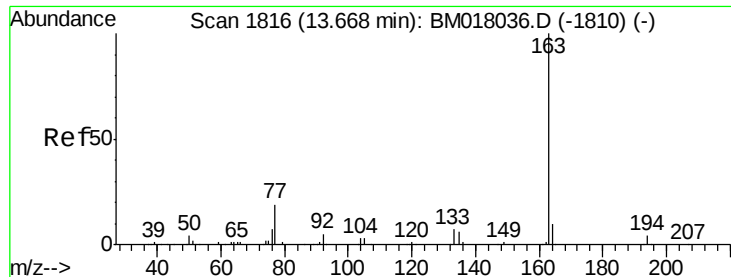
Tgt Ion:127 Resp: 14686
Ion Ratio Lower Upper
127 100
129 83.8 24.6 37.0#



#34
2-Methylnaphthalene
Concen: 1.575 ng/ul
RT: 11.99 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BM018044.D
Acq: 11 Dec 2018 03:09

Tgt Ion:142 Resp: 58870
Ion Ratio Lower Upper
142 100
141 89.6 72.6 108.8





#44

Dimethylphthalate

Concen: 2.774 ng/ul

RT: 13.67 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

Instrument :

BNA_M

ClientSampleId :

C5AA1

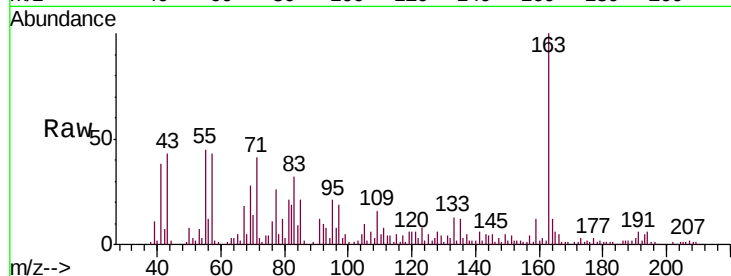
Tgt Ion:163 Resp: 116981

Ion Ratio Lower Upper

163 100

194 6.5 3.4 5.0#

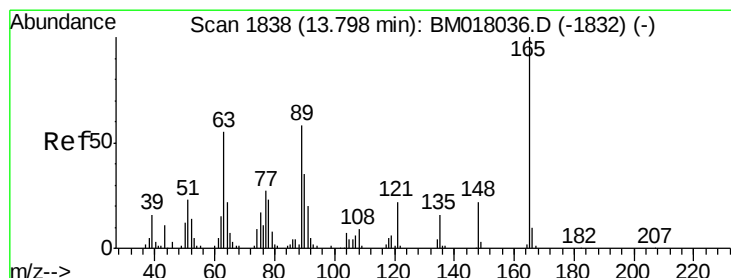
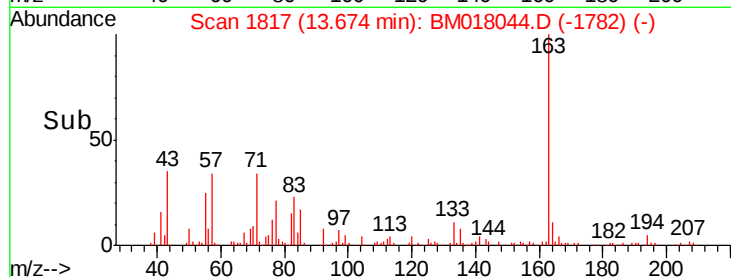
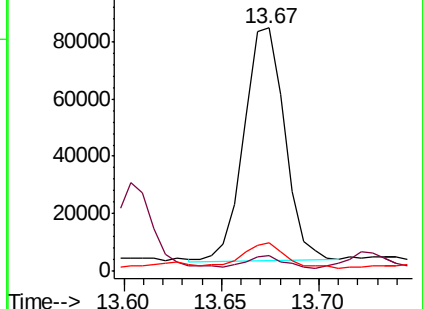
164 11.7 8.1 12.1



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



#45

2,6-Dinitrotoluene

Concen: 1.032 ng/ul

RT: 13.81 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

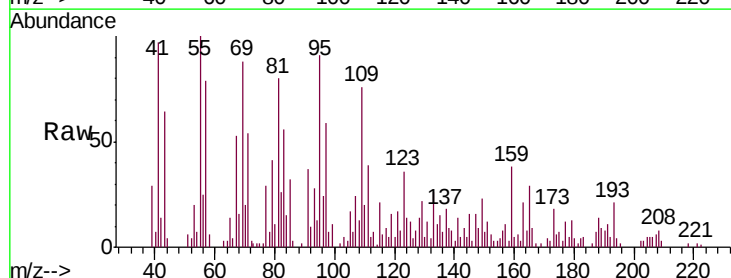
Tgt Ion:165 Resp: 8553

Ion Ratio Lower Upper

165 100

89 6.9 48.0 72.0#

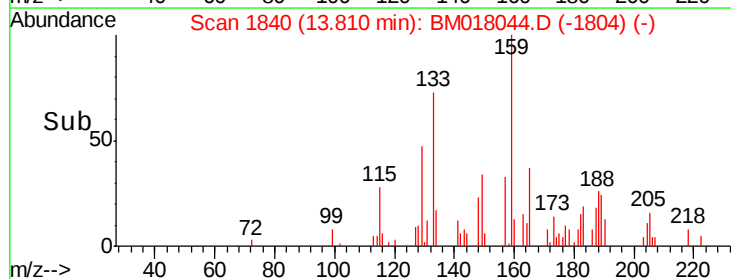
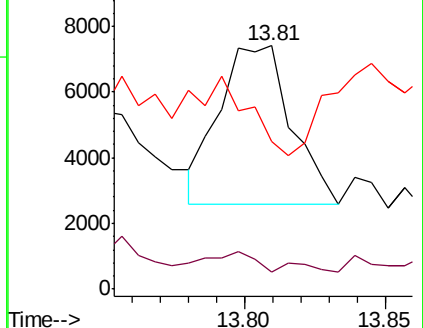
121 60.8 17.0 25.6#

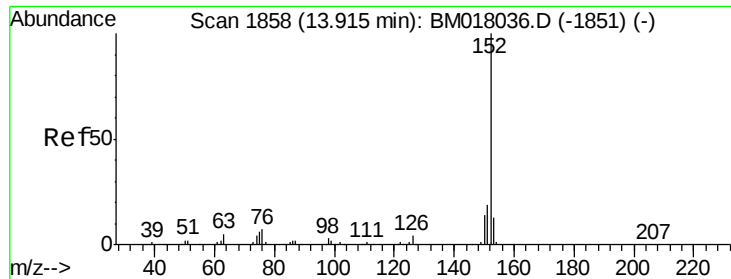


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 1.956 ng/ul

RT: 13.92 min Scan# 1859

Delta R.T. 0.01 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

Instrument :

BNA_M

ClientSampleId :

C5AA1

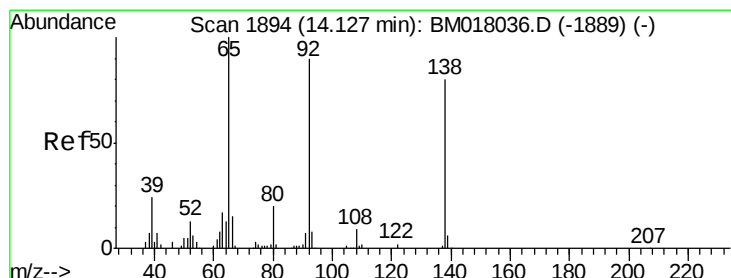
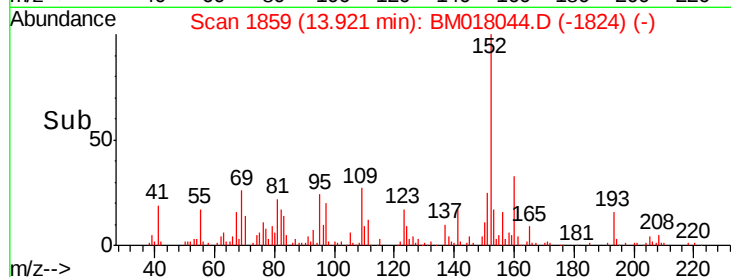
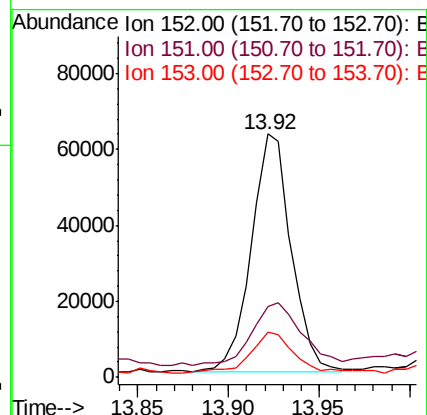
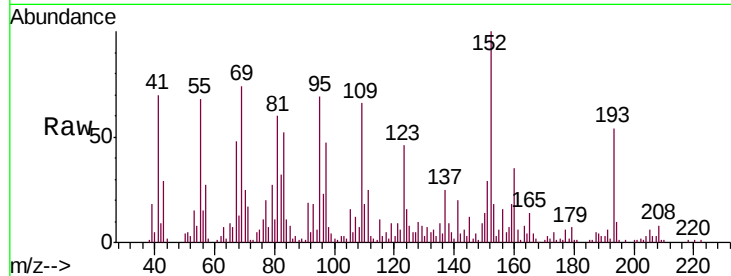
Tgt Ion:152 Resp: 96232

Ion Ratio Lower Upper

152 100

151 29.1 16.0 24.0#

153 18.4 10.4 15.6#



#48

3-Nitroaniline

Concen: 1.025 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. 0.03 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

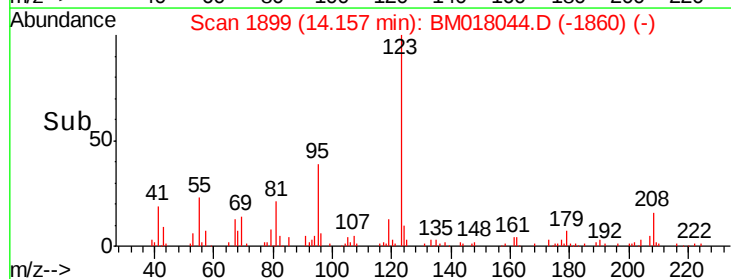
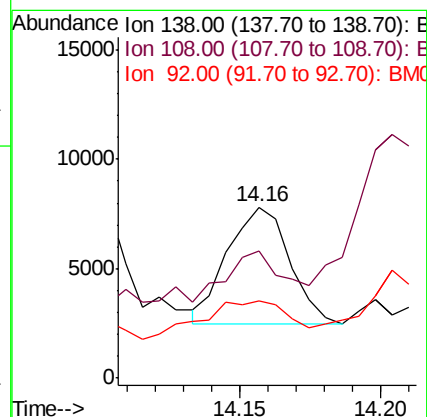
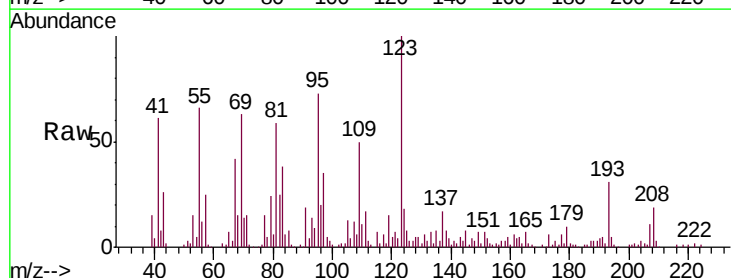
Tgt Ion:138 Resp: 8102

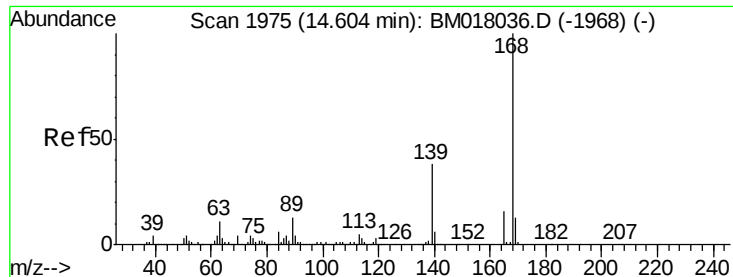
Ion Ratio Lower Upper

138 100

108 74.0 9.0 13.4#

92 44.8 98.8 148.2#





#53

Dibenzenofuran

Concen: 1.167 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

Instrument :

BNA_M

ClientSampleId :

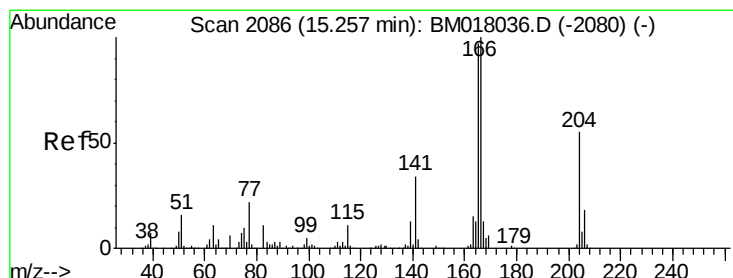
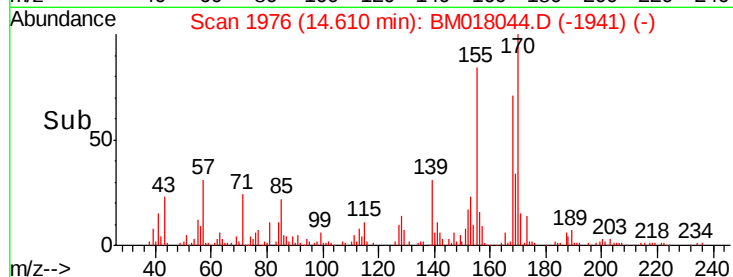
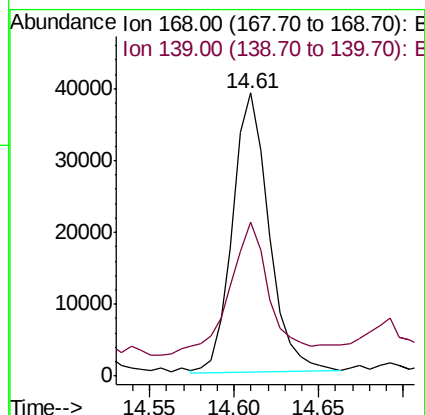
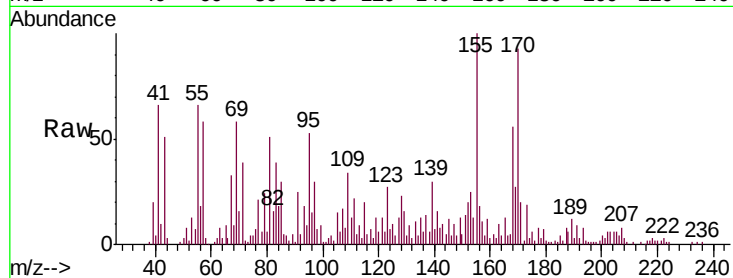
C5AA1

Tgt Ion:168 Resp: 58553

Ion Ratio Lower Upper

168 100

139 54.6 30.6 46.0#



#58

Fluorene

Concen: 1.362 ng/ul

RT: 15.26 min Scan# 2087

Delta R.T. 0.01 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

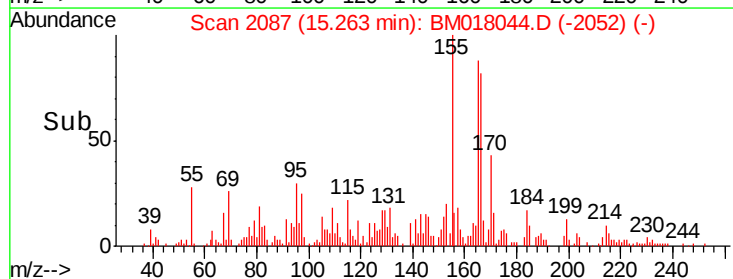
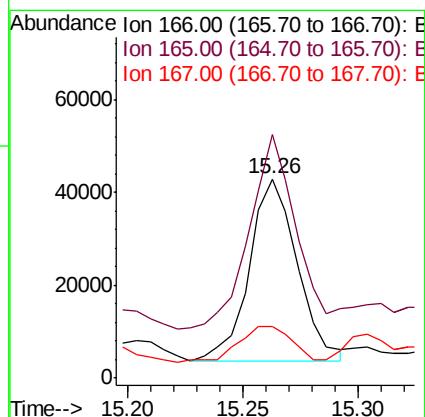
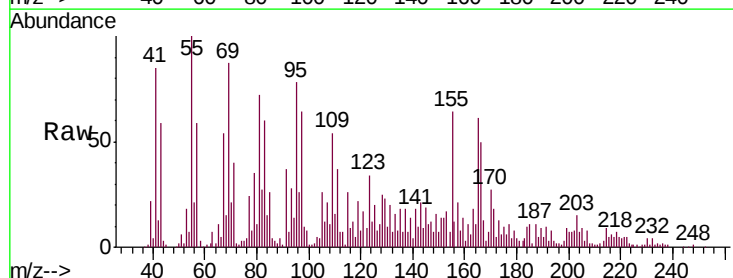
Tgt Ion:166 Resp: 56981

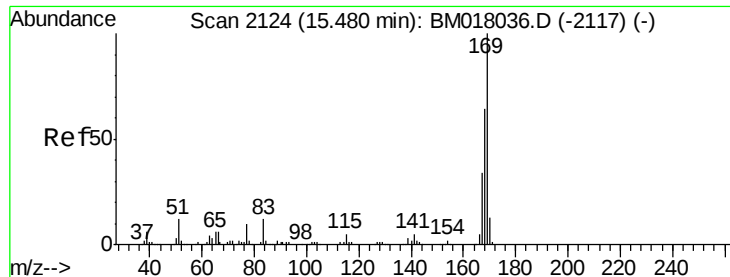
Ion Ratio Lower Upper

166 100

165 122.3 78.0 117.0#

167 26.2 10.8 16.2#





#64

N-Nitrosodiphenylamine

Concen: 4.333 ng/ul

RT: 15.48 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

Instrument :

BNA_M

ClientSampleId :

C5AA1

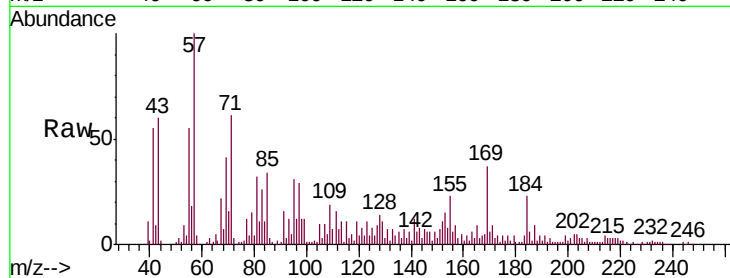
Tgt Ion:169 Resp: 129286

Ion Ratio Lower Upper

169 100

168 14.6 51.1 76.7#

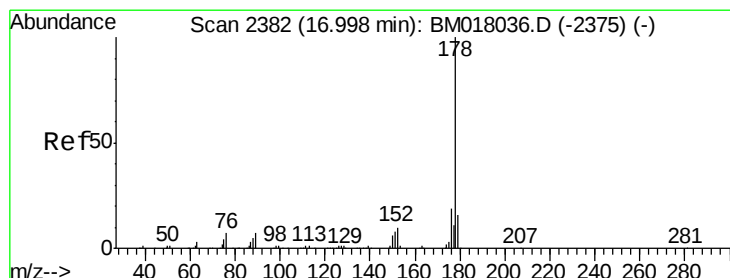
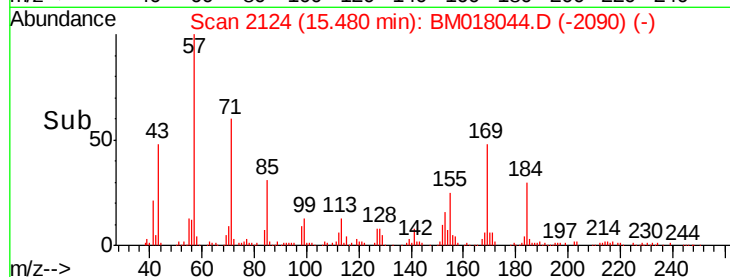
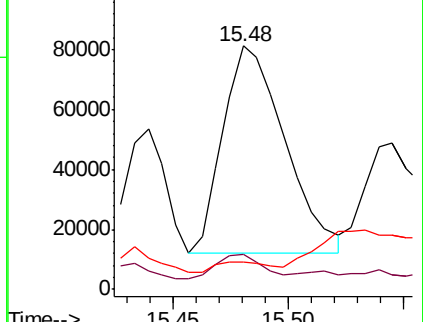
167 11.0 27.8 41.8#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 13.172 ng/ul

RT: 17.01 min Scan# 2384

Delta R.T. 0.01 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

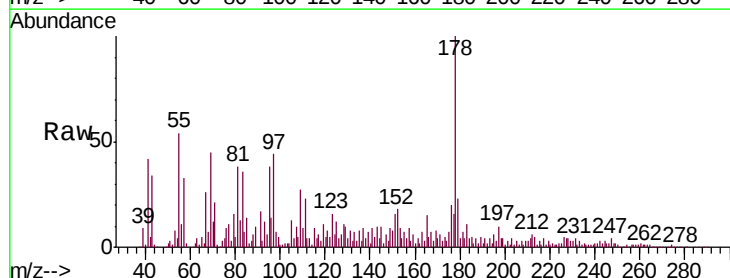
Tgt Ion:178 Resp: 729916

Ion Ratio Lower Upper

178 100

179 22.6 11.8 17.8#

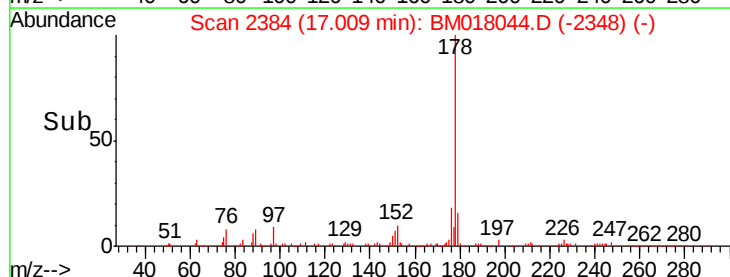
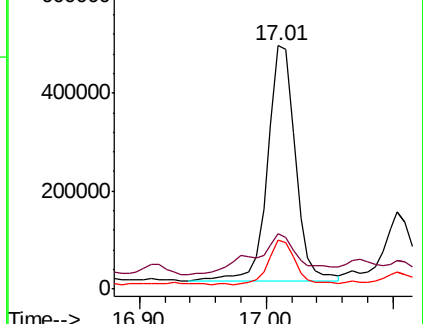
176 20.0 15.0 22.6

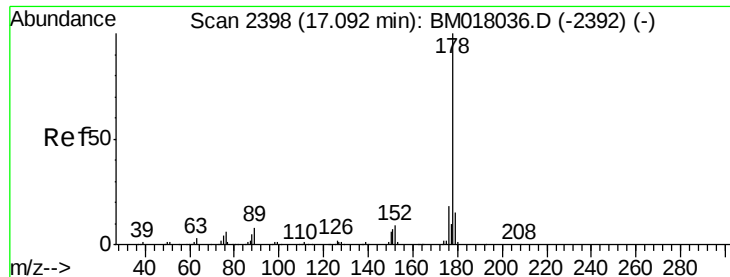


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

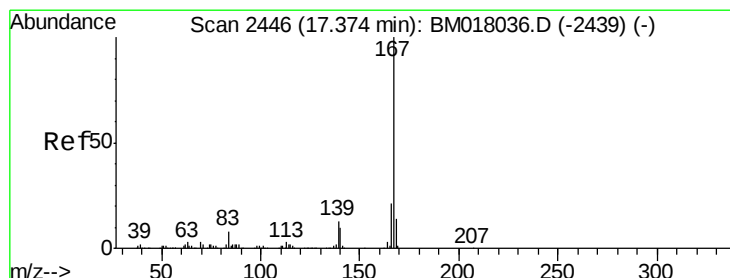
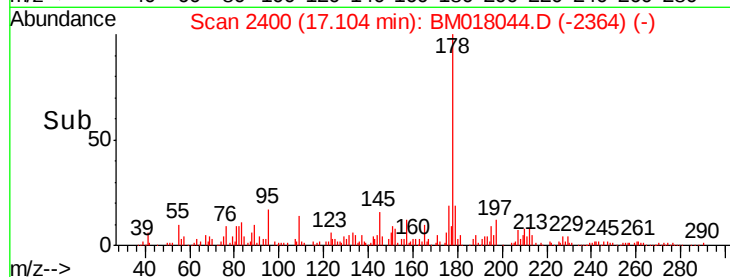
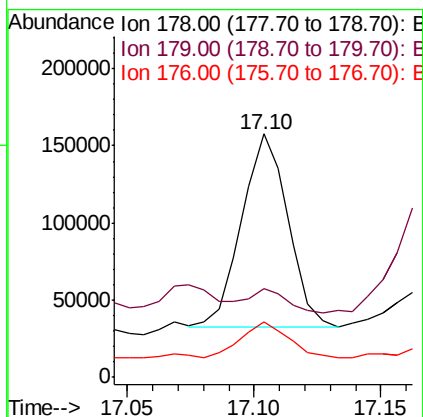
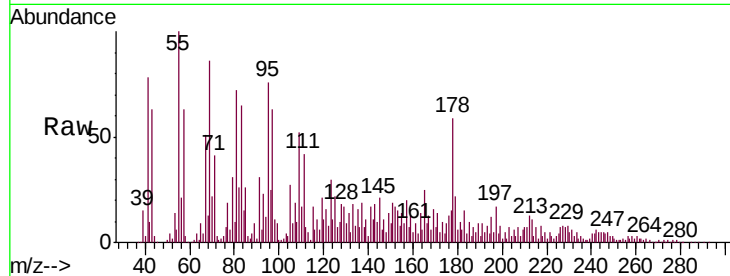




#71
 Anthracene
 Concen: 2.824 ng/ul
 RT: 17.10 min Scan# 2400
 Delta R.T. 0.01 min
 Lab File: BM018044.D
 Acq: 11 Dec 2018 03:09

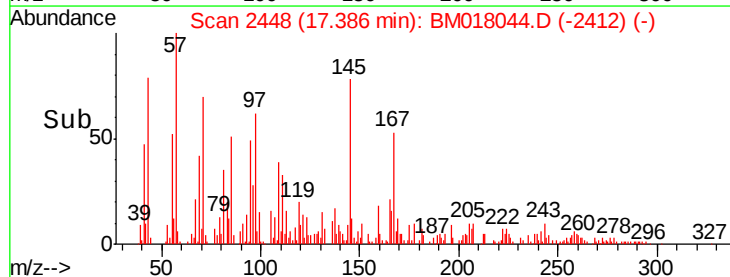
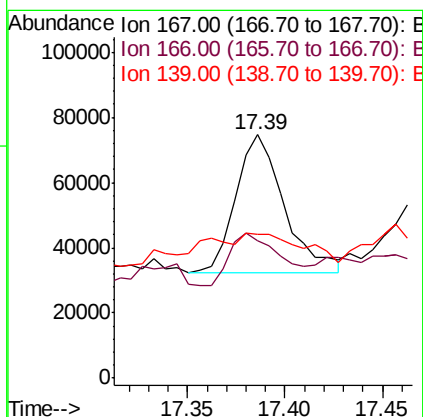
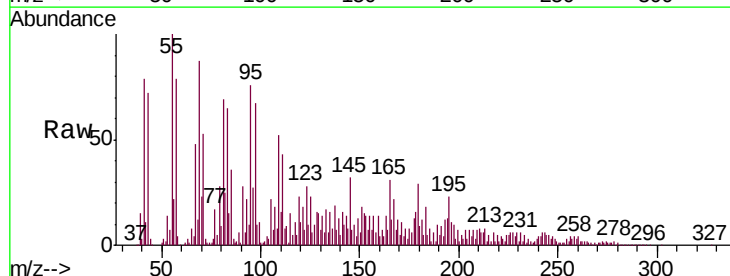
Instrument :
 BNA_M
 ClientSampleId :
 C5AA1

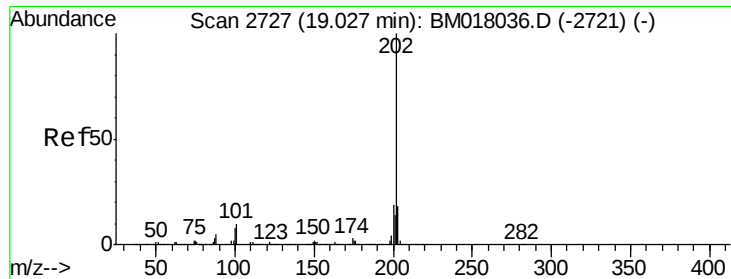
Tgt Ion:178 Resp: 160036
 Ion Ratio Lower Upper
 178 100
 179 36.6 12.4 18.6#
 176 22.8 14.8 22.2#



#74
 Carbazole
 Concen: 1.452 ng/ul
 RT: 17.39 min Scan# 2448
 Delta R.T. 0.01 min
 Lab File: BM018044.D
 Acq: 11 Dec 2018 03:09

Tgt Ion:167 Resp: 72493
 Ion Ratio Lower Upper
 167 100
 166 56.2 17.0 25.4#
 139 58.9 10.5 15.7#

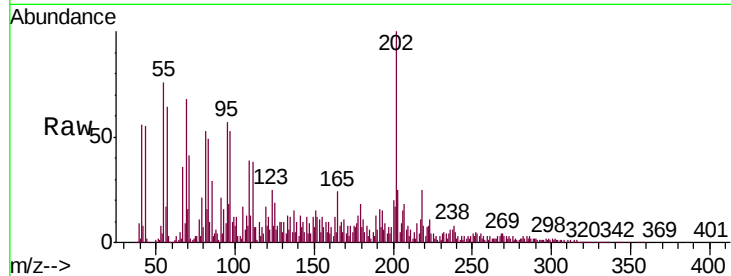




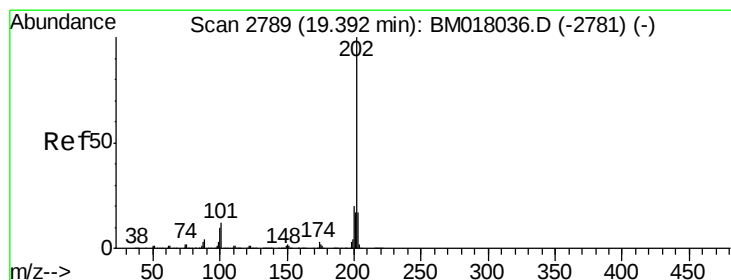
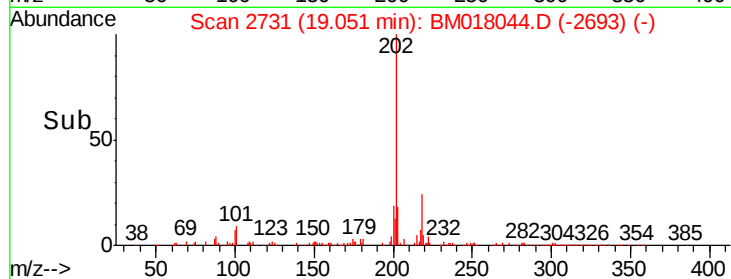
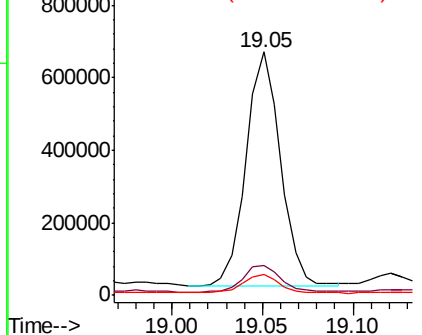
#76
 Fluoranthene
 Concen: 13.156 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. 0.02 min
 Lab File: BM018044.D
 Acq: 11 Dec 2018 03:09

Instrument :
 BNA_M
 ClientSampleId :
 C5AA1

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.4	12.6
100	8.5	6.6	9.8

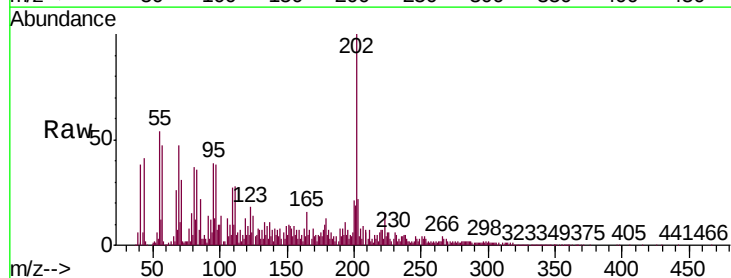


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

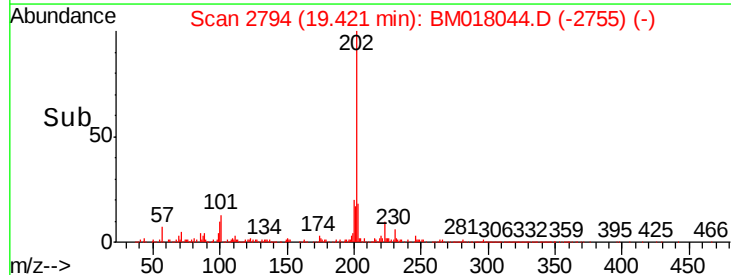
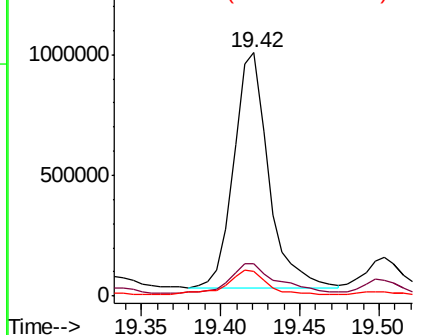


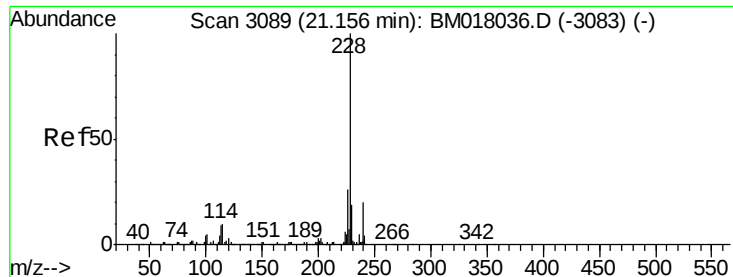
#79
 Pyrene
 Concen: 27.312 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. 0.03 min
 Lab File: BM018044.D
 Acq: 11 Dec 2018 03:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.6	14.4
100	10.1	7.9	11.9



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





#82

Benzo(a)anthracene

Concen: 8.762 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. 0.02 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

Instrument :

BNA_M

ClientSampleId :

C5AA1

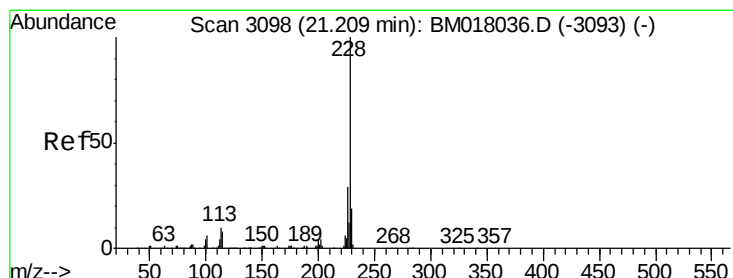
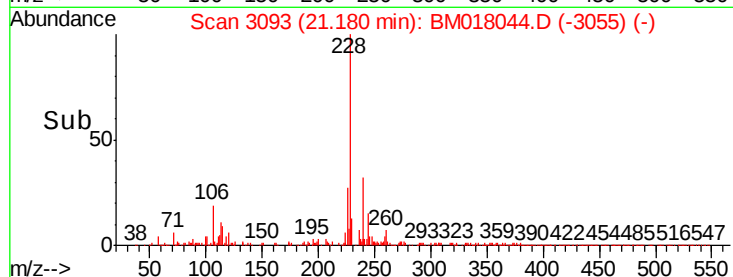
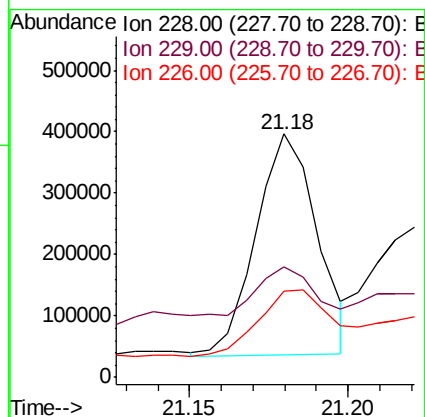
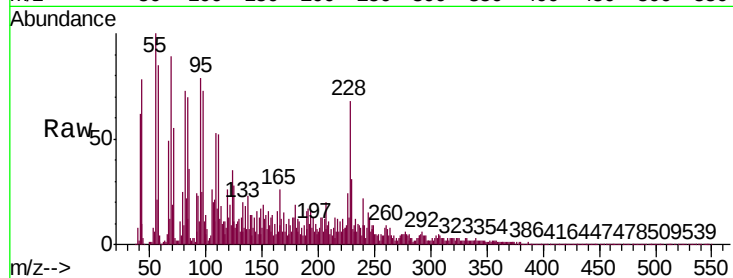
Tgt Ion:228 Resp: 483225

Ion Ratio Lower Upper

228 100

229 45.4 16.0 24.0#

226 35.7 21.0 31.6#



#84

Chrysene

Concen: 12.903 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. 0.02 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

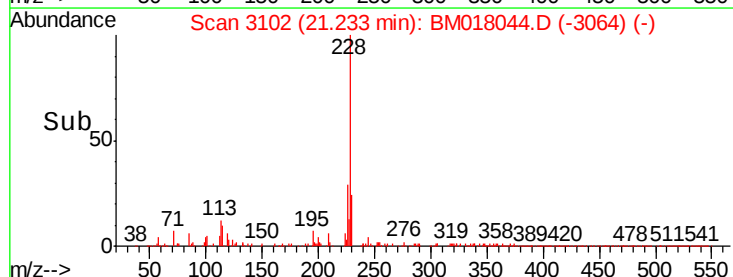
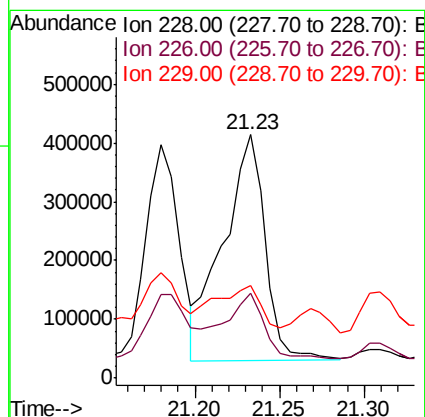
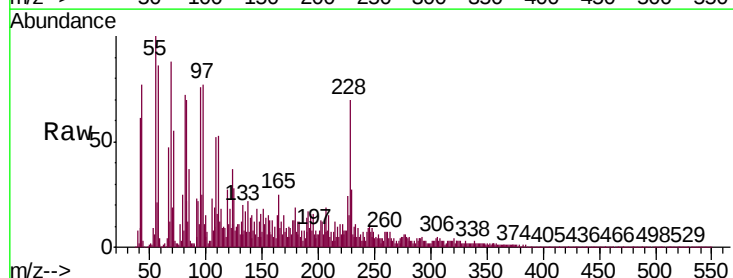
Tgt Ion:228 Resp: 665504

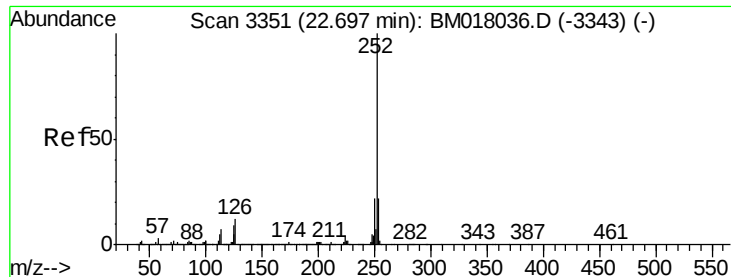
Ion Ratio Lower Upper

228 100

226 34.6 23.7 35.5

229 37.8 15.8 23.8#





#87

Benzo(b)fluoranthene

Concen: 8.700 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. 0.04 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

Instrument :

BNA_M

ClientSampleId :

C5AA1

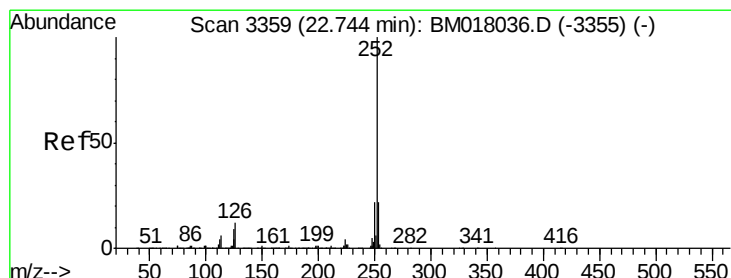
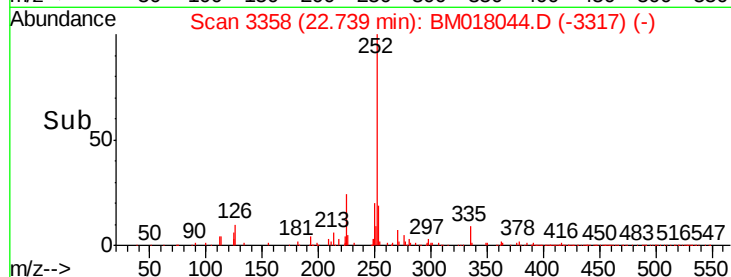
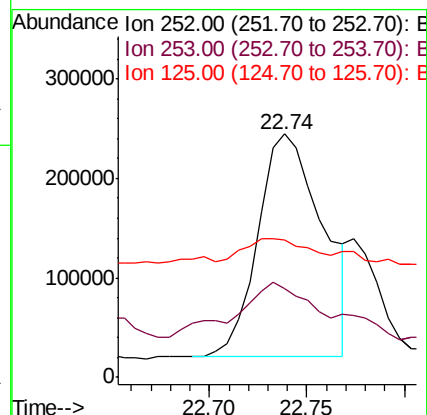
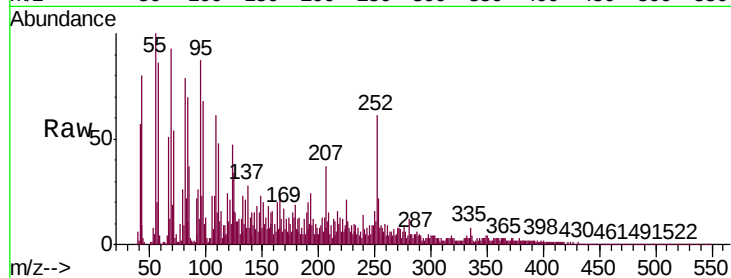
Tgt Ion:252 Resp: 516188

Ion Ratio Lower Upper

252 100

253 36.6 17.0 25.4#

125 56.6 7.3 10.9#



#88

Benzo(k)fluoranthene

Concen: 8.951 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

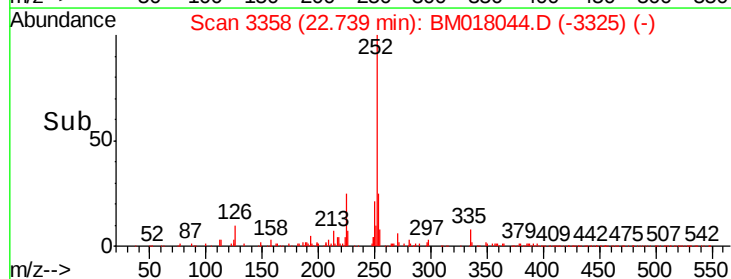
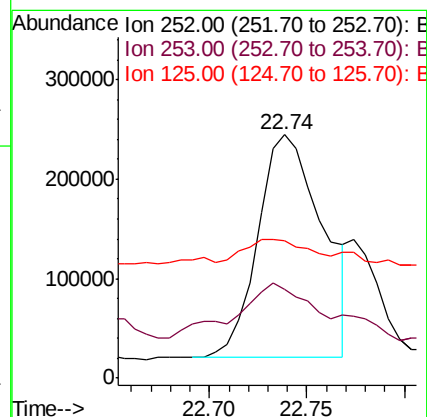
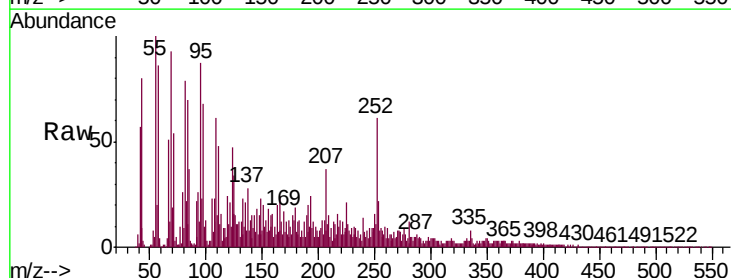
Tgt Ion:252 Resp: 516188

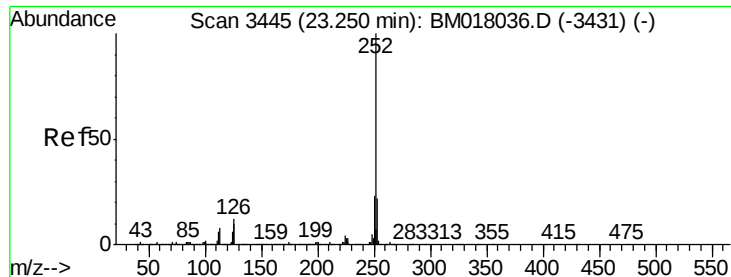
Ion Ratio Lower Upper

252 100

253 36.6 17.4 26.0#

125 56.6 7.1 10.7#





#90

Benzo(a)pyrene

Concen: 7.515 ng/ul

RT: 23.29 min Scan# 3452

Delta R.T. 0.04 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

Instrument :

BNA_M

ClientSampleId :

C5AA1

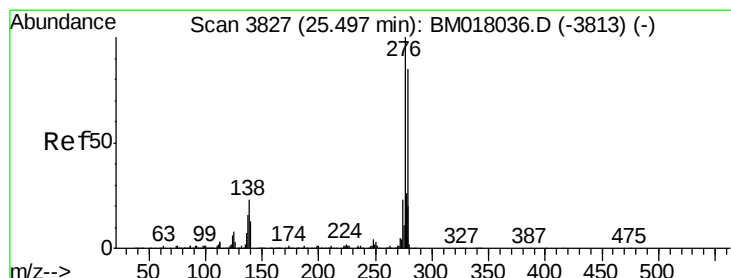
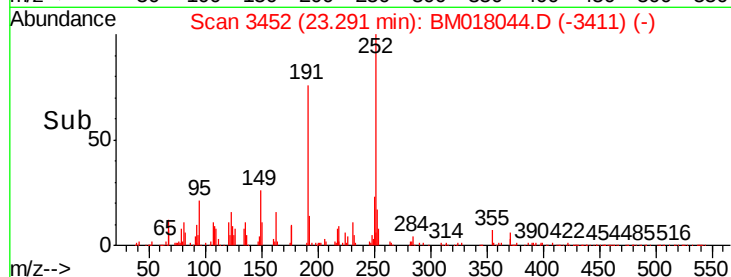
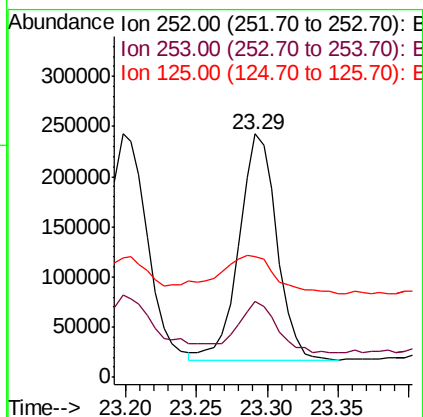
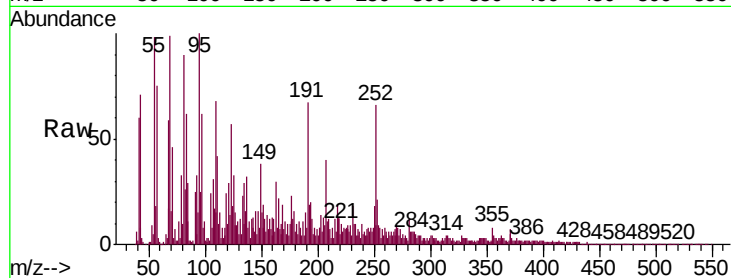
Tgt Ion:252 Resp: 422850

Ion Ratio Lower Upper

252 100

253 31.4 17.4 26.0#

125 49.8 7.9 11.9#



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.661 ng/ul

RT: 25.55 min Scan# 3836

Delta R.T. 0.05 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

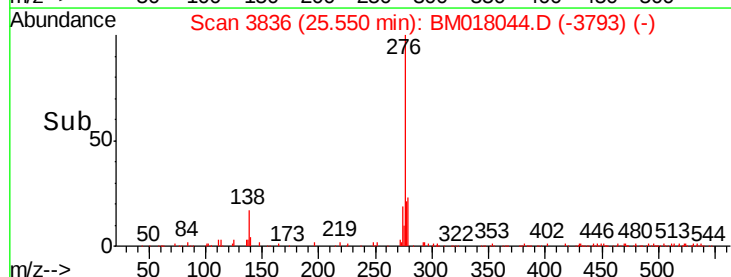
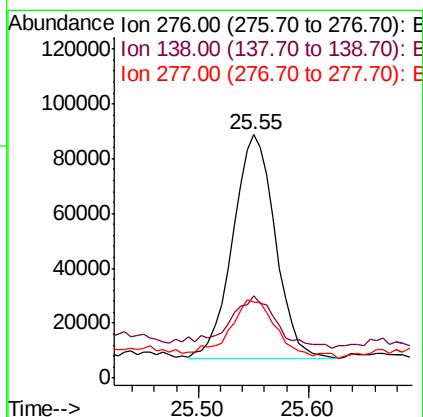
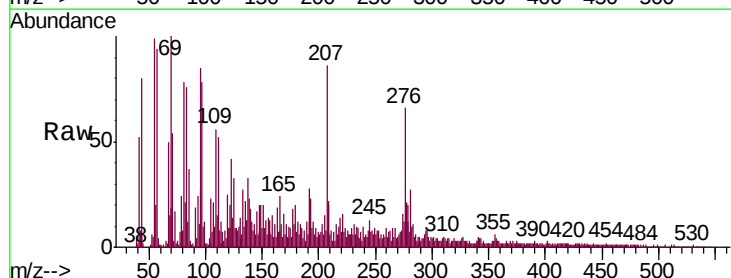
Tgt Ion:276 Resp: 218266

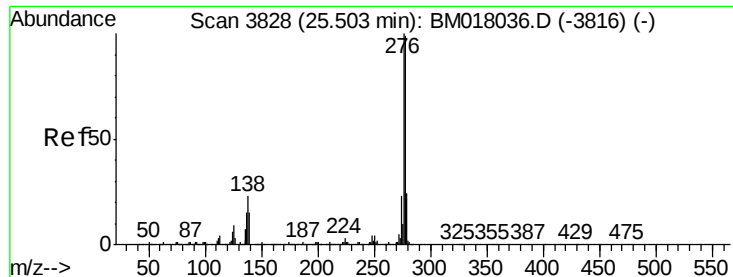
Ion Ratio Lower Upper

276 100

138 34.0 18.2 27.2#

277 31.3 20.2 30.4#





#92

Dibenzo(a,h)anthracene

Concen: 1.405 ng/ul

RT: 25.54 min Scan# 3835

Delta R.T. 0.04 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

Instrument :

BNA_M

ClientSampleId :

C5AA1

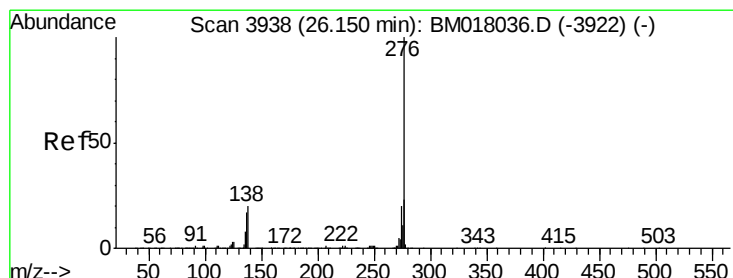
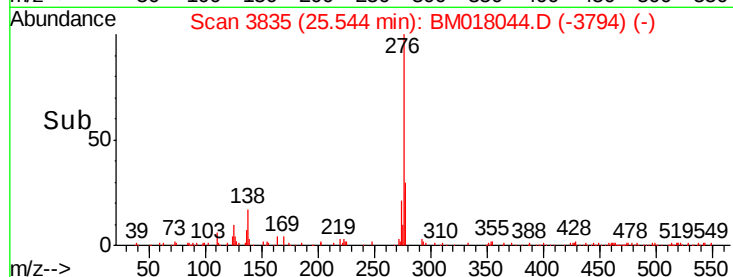
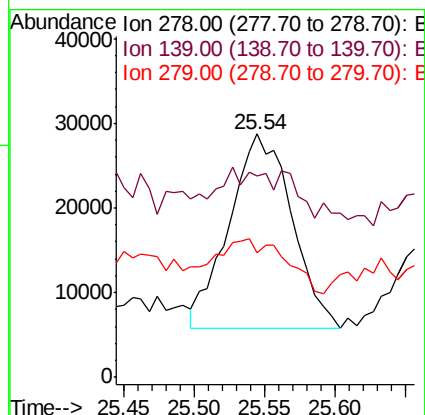
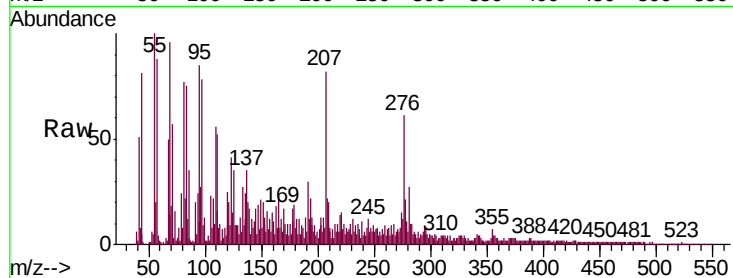
Tgt Ion:278 Resp: 70722

Ion Ratio Lower Upper

278 100

139 82.8 11.5 17.3#

279 51.4 18.9 28.3#



#93

Benzo(g,h,i)perylene

Concen: 5.410 ng/ul

RT: 26.21 min Scan# 3949

Delta R.T. 0.06 min

Lab File: BM018044.D

Acq: 11 Dec 2018 03:09

Tgt Ion:276 Resp: 260692

Ion Ratio Lower Upper

276 100

138 27.5 15.8 23.6#

277 31.2 18.6 27.8#

