

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019498.D
 Acq On : 5 Nov 2015 18:40
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP8

Quant Time: Nov 06 02:17:31 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 06 02:11:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	39841	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	168381	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	134680	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	363421	20.00	ng/ul	0.00
78) Chrysene-d12	21.82	240	475226	20.00	ng/ul	0.00
86) Perylene-d12	25.17	264	447083	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	2448	2.94	ng/uL	0.00
5) Phenol-d5	7.32	99	59831	16.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	45403	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	39586	17.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	45559	15.64	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	23259	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	26009	17.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	51278	16.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	57061	17.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	196688	17.71	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	217881	17.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	28003	15.87	ng/ul	0.00
58) Fluorene-d10	15.80	176	178672	17.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	32852	13.97	ng/ul	0.00
71) Anthracene-d10	17.65	188	302509	18.26	ng/ul	0.00
79) Pyrene-d10	19.92	212	360066	17.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.94	264	398719	17.77	ng/ul	0.00

Target Compounds

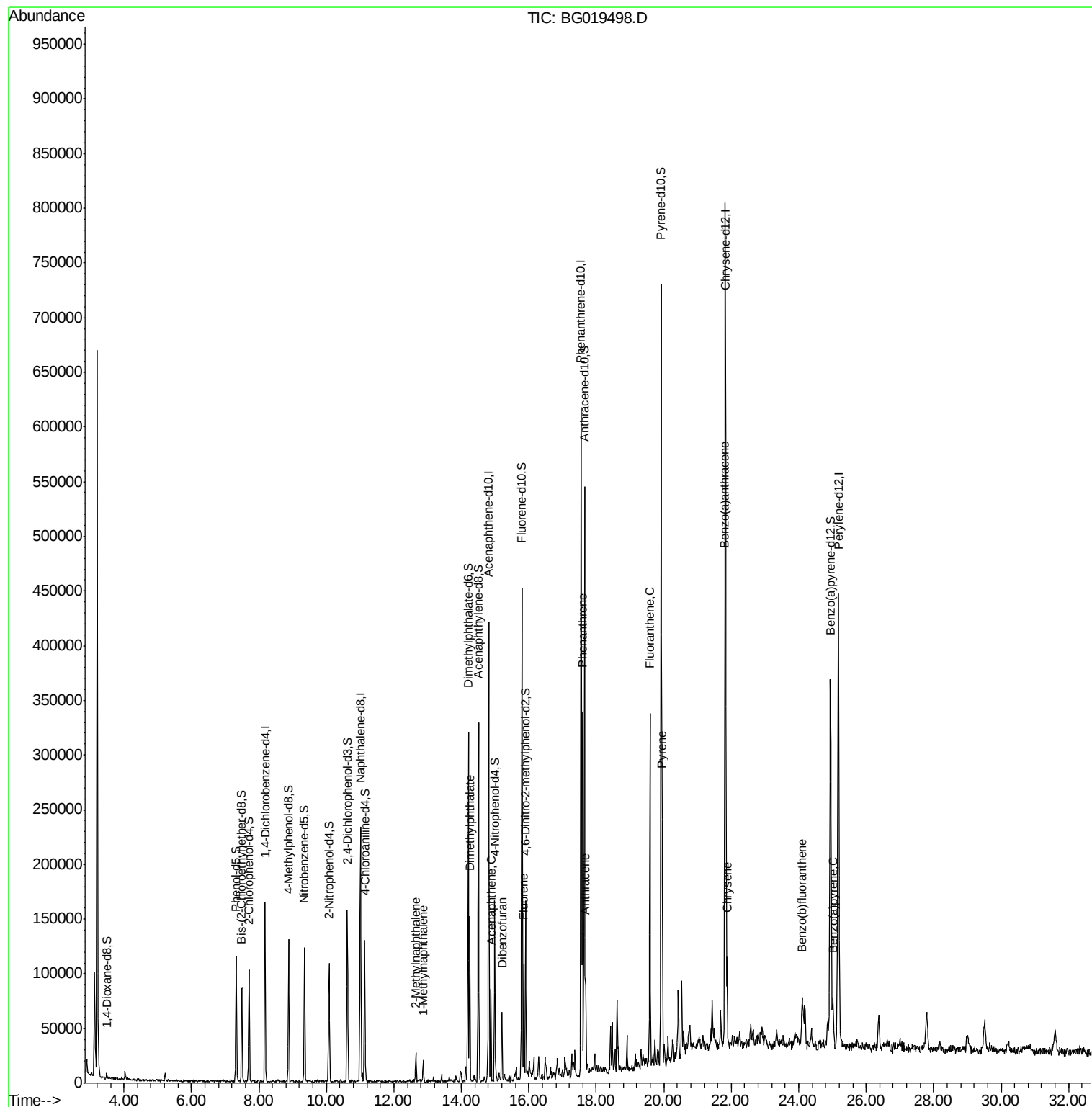
						Ovalue
34) 2-Methylnaphthalene	12.65	142	10460	1.54	ng/ul	87
35) 1-Methylnaphthalene	12.87	142	8071	1.26	ng/ul	98
45) Dimethylphthalate	14.25	163	86793	7.64	ng/ul	97
50) Acenaphthene	14.87	153	35090	4.12	ng/ul	98
54) Dibenzofuran	15.20	168	31745	2.53	ng/ul	97
59) Fluorene	15.85	166	41495	3.80	ng/ul	93
70) Phenanthrene	17.59	178	201340	10.98	ng/ul	97
72) Anthracene	17.68	178	64154	3.43	ng/ul	97
77) Fluoranthene	19.59	202	200582	8.45	ng/ul#	96
80) Pyrene	19.95	202	141510	5.31	ng/ul#	92
83) Benzo(a)anthracene	21.81	228	70698	2.55	ng/ul	93
85) Chrysene	21.87	228	56278	2.17	ng/ul	96
88) Benzo(b)fluoranthene	24.11	252	60003	2.28	ng/ul#	90
91) Benzo(a)pyrene	25.02	252	42863	1.69	ng/ul#	89

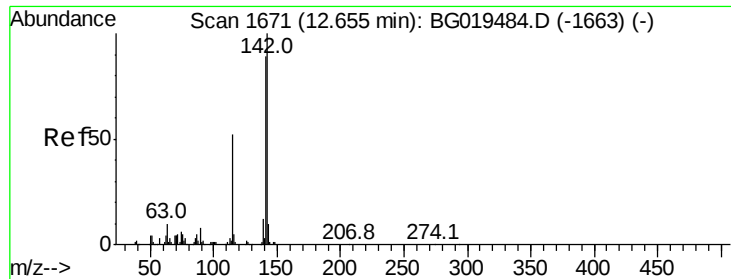
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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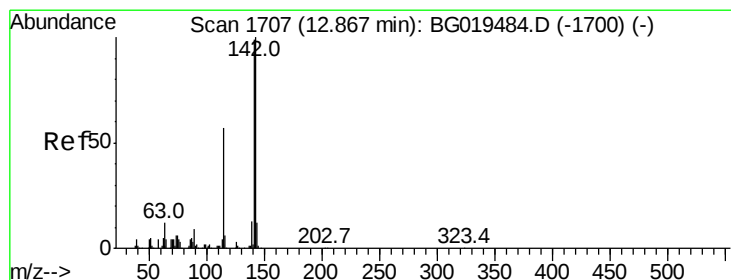
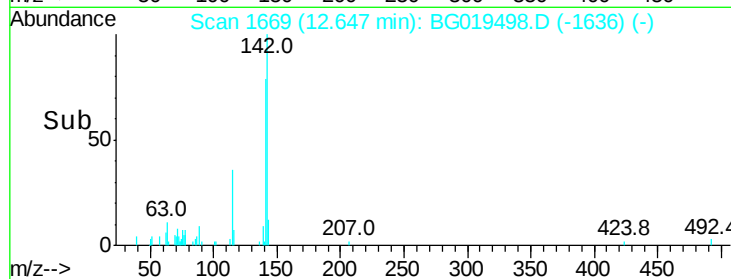
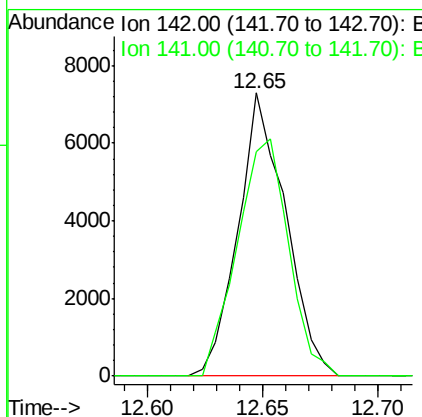
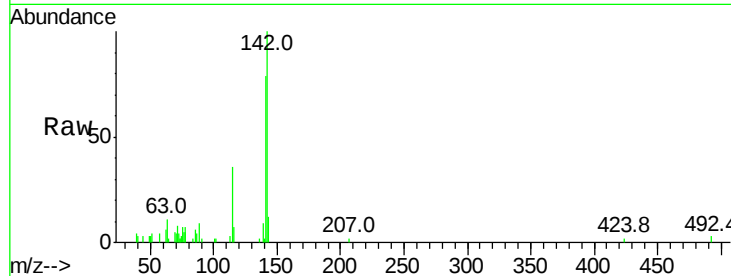




#34
 2-Methylnaphthalene
 Concen: 1.54 ng/ul
 RT: 12.65 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BG019498.D
 Acq: 5 Nov 2015 18:40

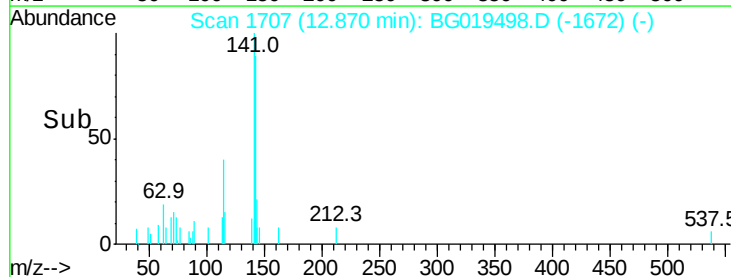
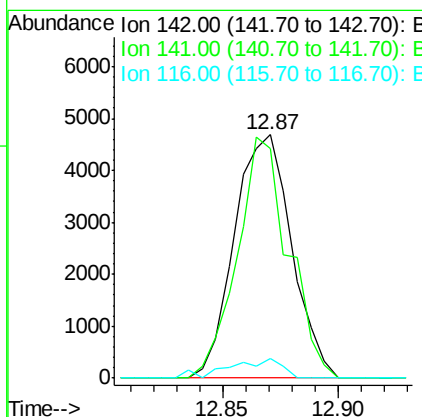
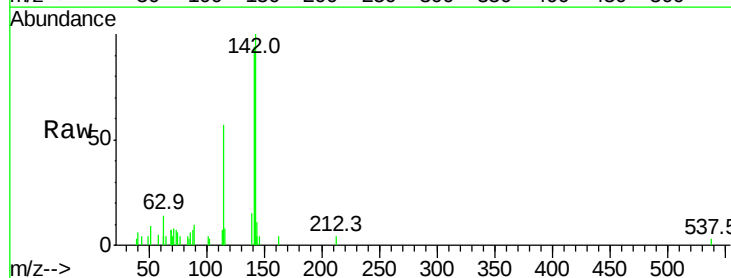
Instrument :
 BNA_G
 ClientSampleId :
 C0AP8

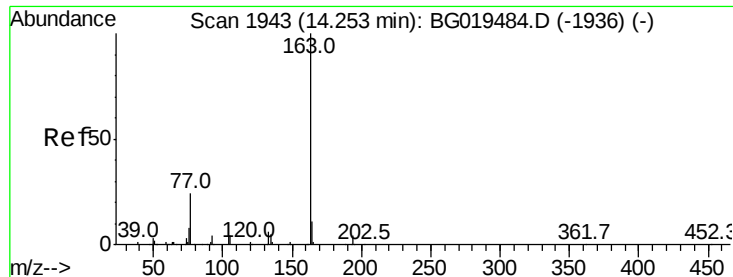
Tot Ion:142 Resp: 10460
 Ion Ratio Lower Upper
 142 100
 141 79.4 73.4 110.2



#35
 1-Methylnaphthalene
 Concen: 1.26 ng/ul
 RT: 12.87 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG019498.D
 Acq: 5 Nov 2015 18:40

Tgt Ion:142 Resp: 8071
 Ion Ratio Lower Upper
 142 100
 141 94.2 76.5 114.7
 116 7.8 5.4 8.0





#45

Dimethylphthalate

Concen: 7.64 ng/ul

RT: 14.25 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG019498.D

Acq: 5 Nov 2015 18:40

Instrument :

BNA_G

ClientSampleId :

C0AP8

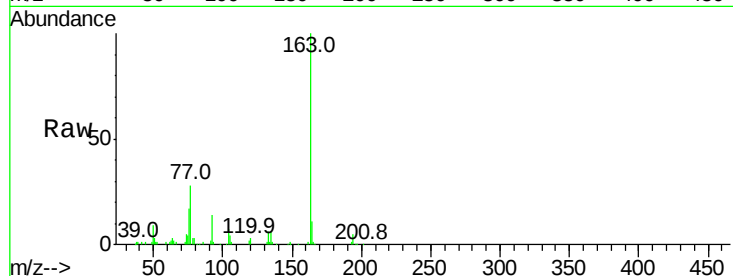
Tot Ion:163 Resp: 86793

Ion Ratio Lower Upper

163 100

194 4.8 4.3 6.5

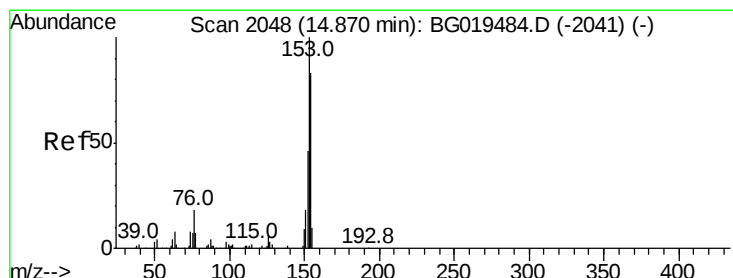
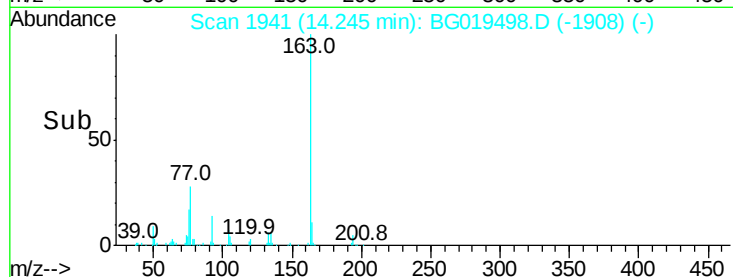
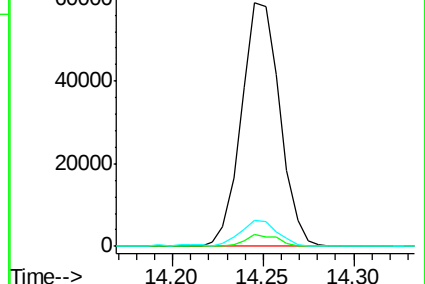
164 10.6 7.5 11.3



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



#50

Acenaphthene

Concen: 4.12 ng/ul

RT: 14.87 min Scan# 2048

Delta R.T. 0.00 min

Lab File: BG019498.D

Acq: 5 Nov 2015 18:40

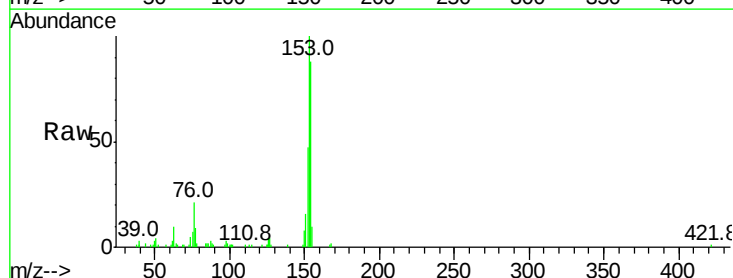
Tgt Ion:153 Resp: 35090

Ion Ratio Lower Upper

153 100

152 46.5 38.8 58.2

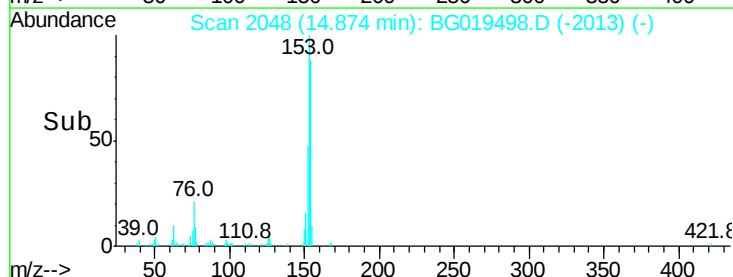
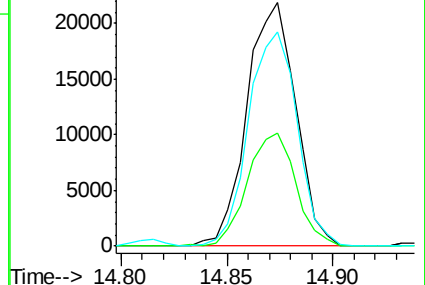
154 87.8 71.5 107.3

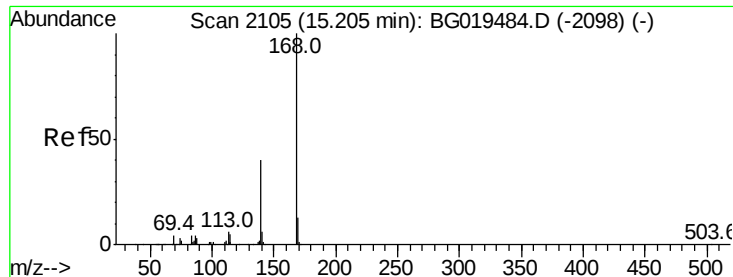


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.53 ng/ul

RT: 15.20 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BG019498.D

Acq: 5 Nov 2015 18:40

Instrument :

BNA_G

ClientSampleId :

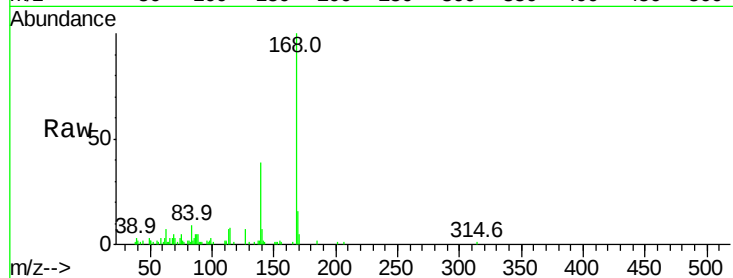
C0AP8

Tot Ion:168 Resp: 31745

Ion Ratio Lower Upper

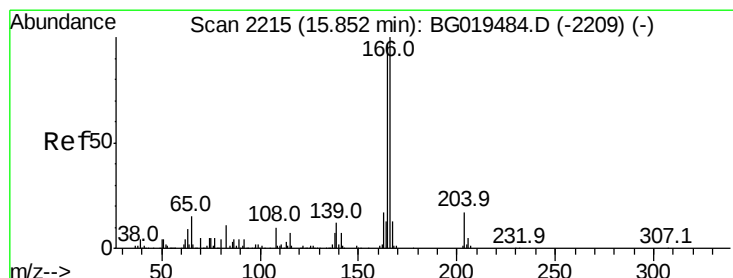
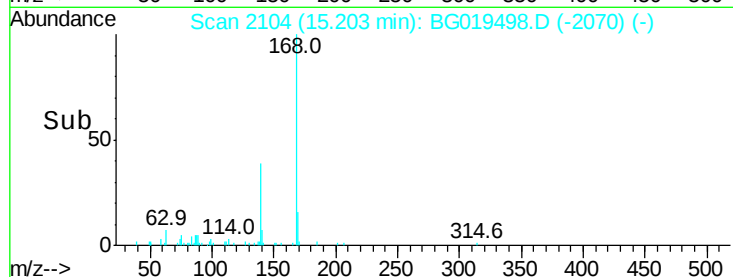
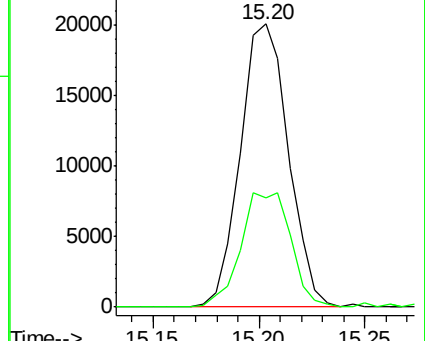
168 100

139 38.7 32.4 48.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 3.80 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG019498.D

Acq: 5 Nov 2015 18:40

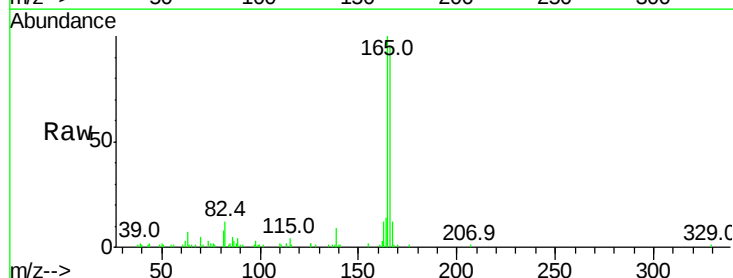
Tgt Ion:166 Resp: 41495

Ion Ratio Lower Upper

166 100

165 105.0 77.6 116.4

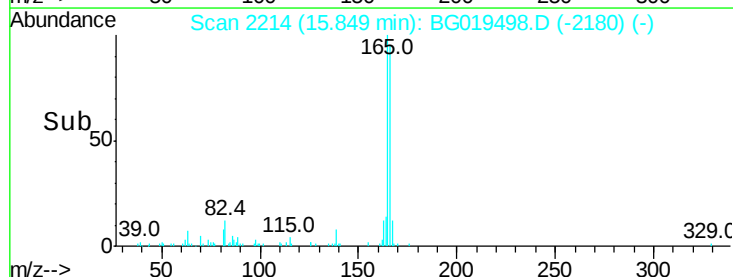
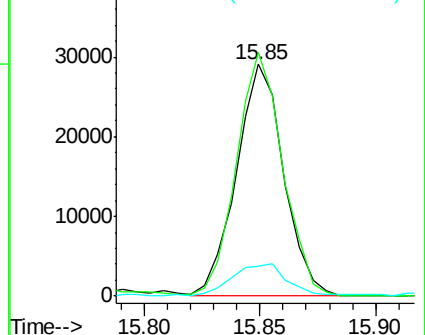
167 12.6 9.6 14.4

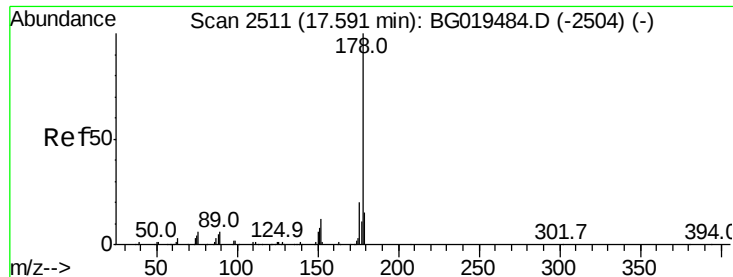


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

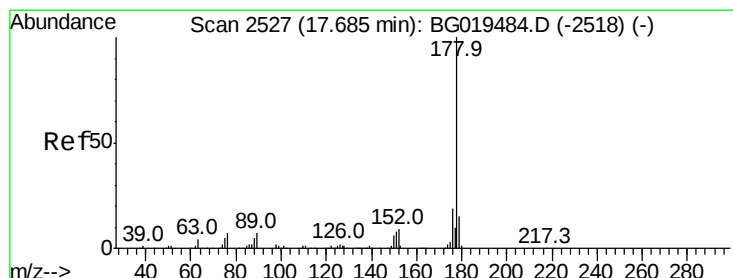
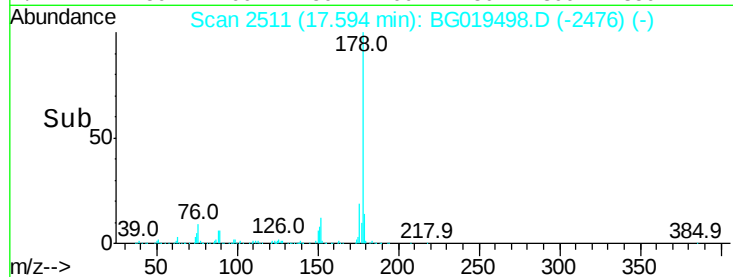
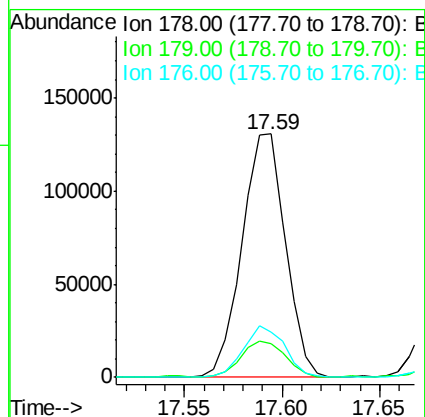
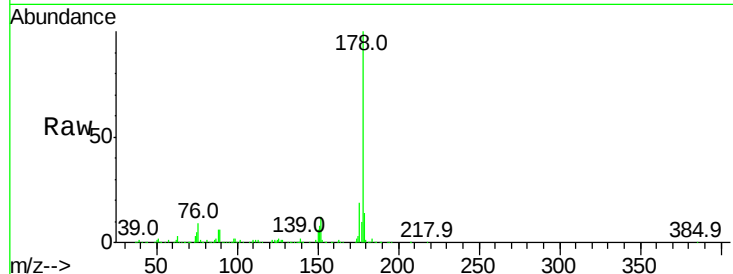




#70
 Phenanthrene
 Concen: 10.98 ng/ul
 RT: 17.59 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: BG019498.D
 Acq: 5 Nov 2015 18:40

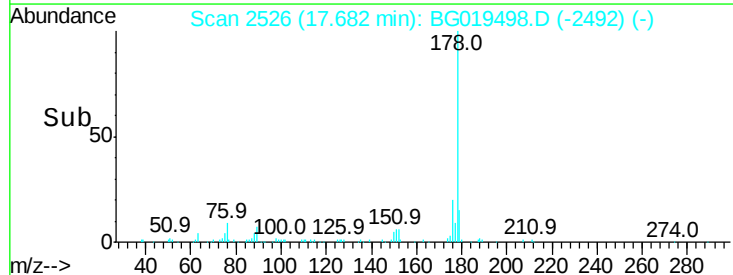
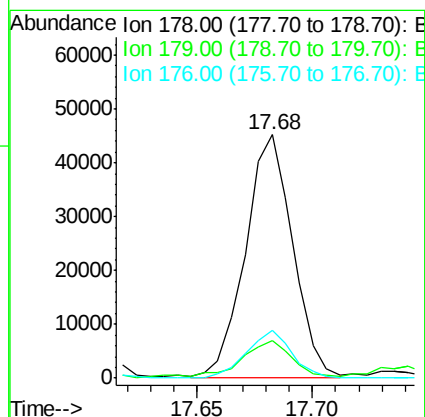
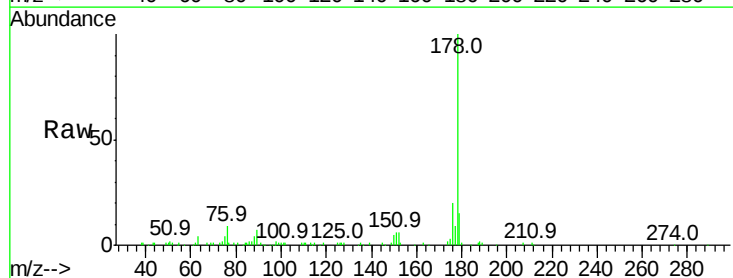
Instrument :
 BNA_G
 ClientSampleId :
 C0AP8

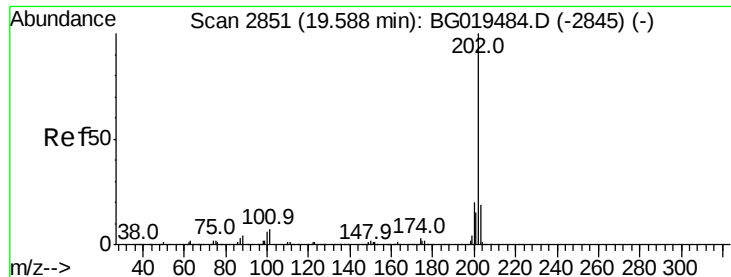
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.6	18.8
176	18.5	14.3	21.5



#72
 Anthracene
 Concen: 3.43 ng/ul
 RT: 17.68 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG019498.D
 Acq: 5 Nov 2015 18:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.6	17.4
176	19.6	14.2	21.4





#77

Fluoranthene

Concen: 8.45 ng/ul

RT: 19.59 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG019498.D

Acq: 5 Nov 2015 18:40

Instrument :

BNA_G

ClientSampleId :

C0AP8

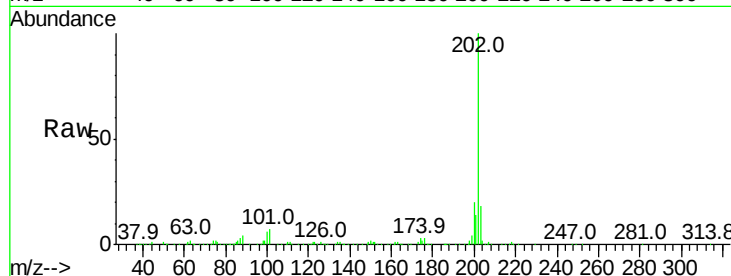
Tot Ion:202 Resp: 200582

Ion Ratio Lower Upper

202 100

101 6.6 4.0 6.0#

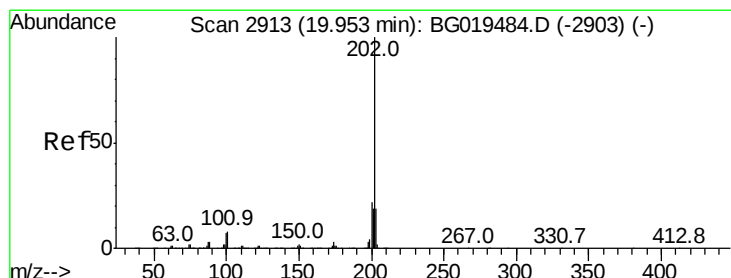
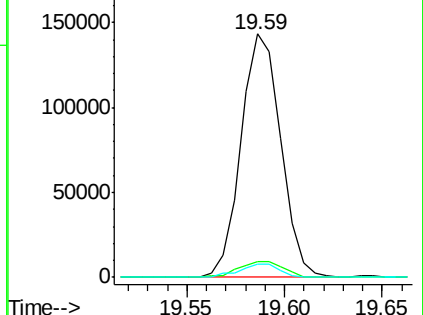
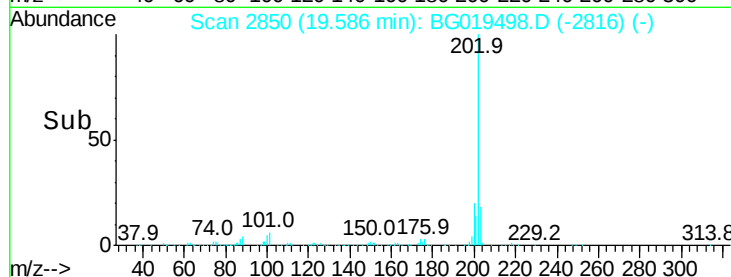
100 5.6 3.6 5.4#



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

Pyrene

Concen: 5.31 ng/ul

RT: 19.95 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BG019498.D

Acq: 5 Nov 2015 18:40

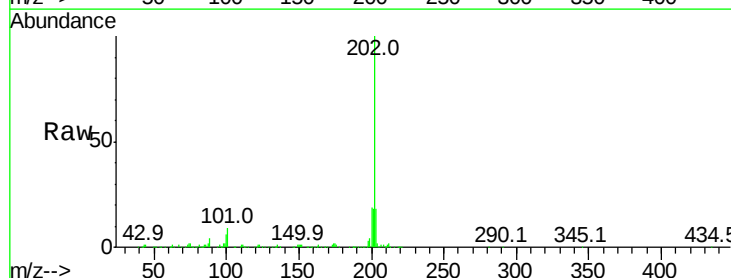
Tgt Ion:202 Resp: 141510

Ion Ratio Lower Upper

202 100

101 8.7 4.3 6.5#

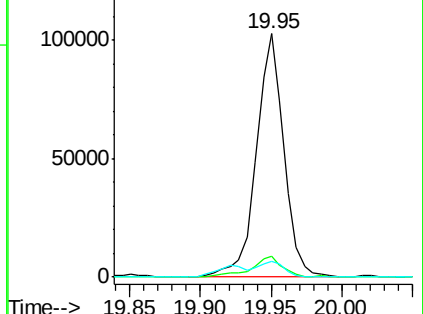
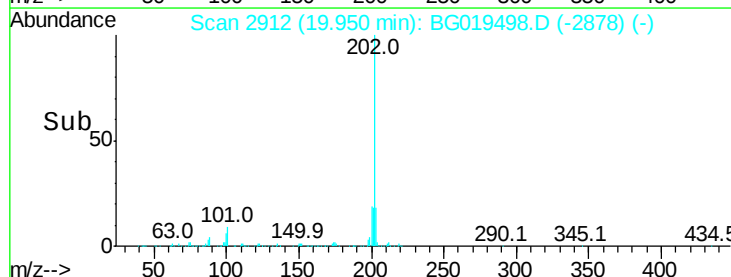
100 6.2 3.6 5.4#

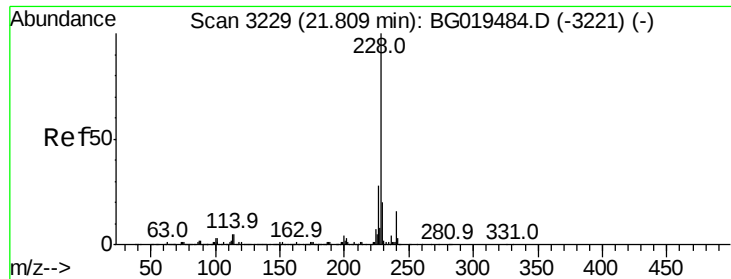


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

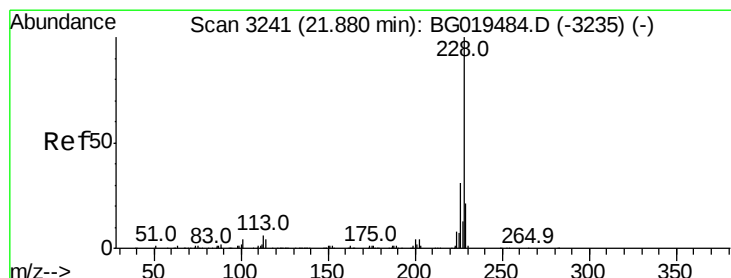
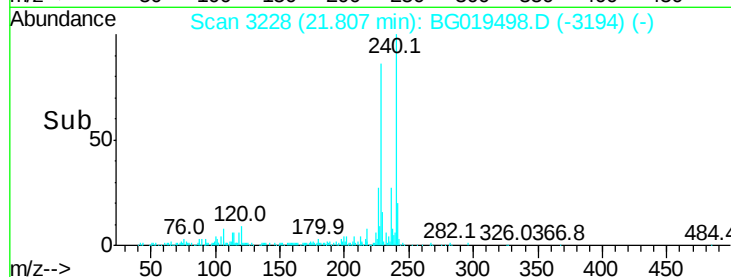
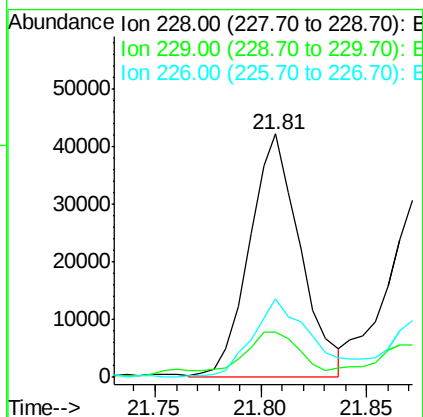
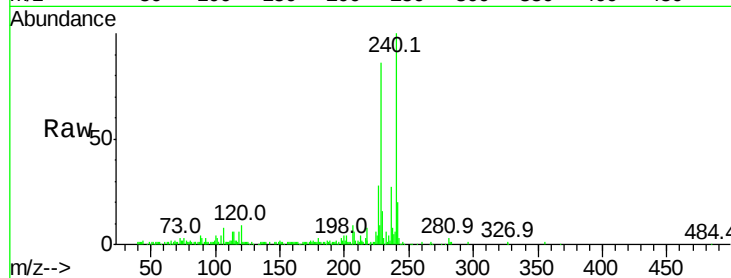




#83
Benzo(a)anthracene
Concen: 2.55 ng/ul
RT: 21.81 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG019498.D
Acq: 5 Nov 2015 18:40

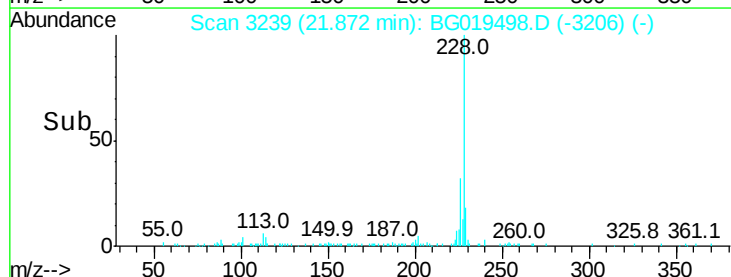
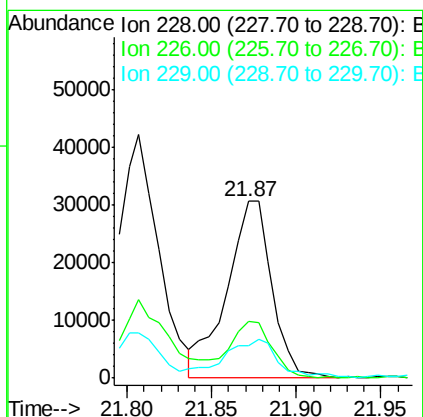
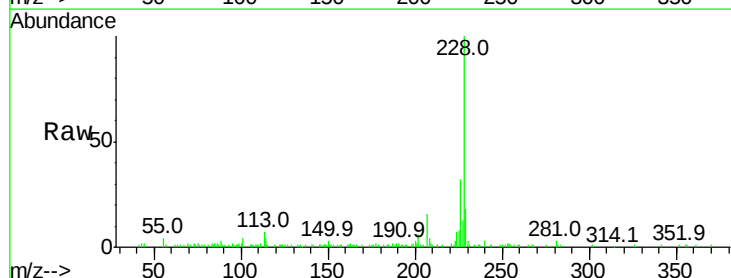
Instrument :
BNA_G
ClientSampleId :
C0AP8

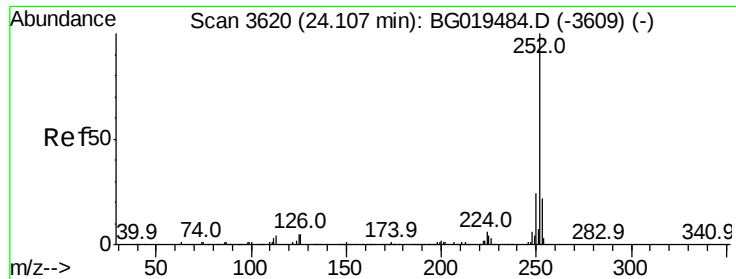
Tot Ion:228 Resp: 70698
Ion Ratio Lower Upper
228 100
229 18.8 15.8 23.8
226 32.3 21.8 32.6



#85
Chrysene
Concen: 2.17 ng/ul
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG019498.D
Acq: 5 Nov 2015 18:40

Tgt Ion:228 Resp: 56278
Ion Ratio Lower Upper
228 100
226 31.8 24.6 36.8
229 18.0 17.3 25.9





#88

Benzo(b)fluoranthene

Concen: 2.28 ng/ul

RT: 24.11 min Scan# 3620

Delta R.T. 0.00 min

Lab File: BG019498.D

Acq: 5 Nov 2015 18:40

Instrument :

BNA_G

ClientSampleId :

C0AP8

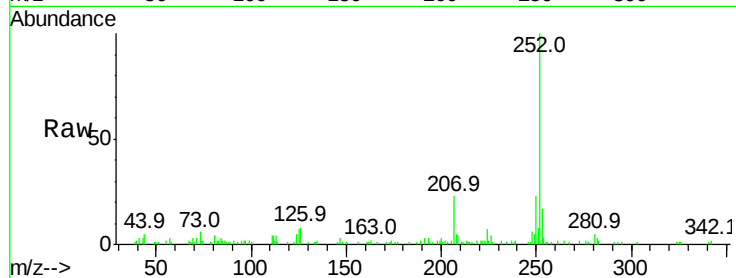
Tot Ion:252 Resp: 60003

Ion Ratio Lower Upper

252 100

253 16.5 17.1 25.7#

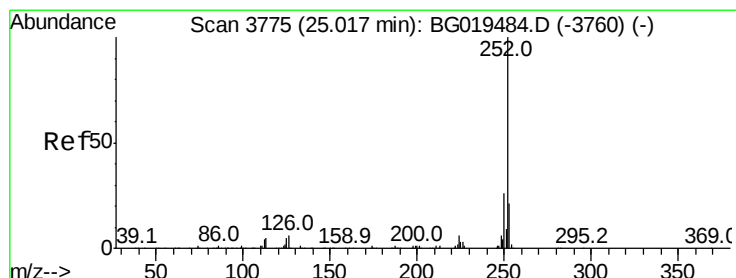
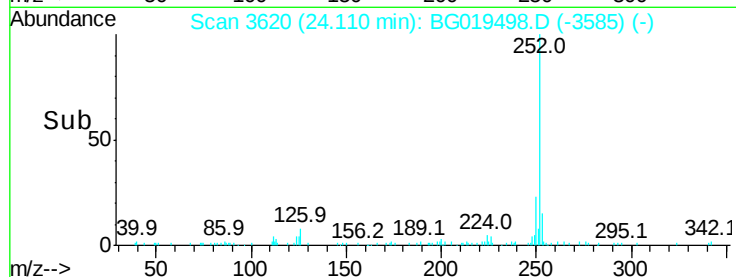
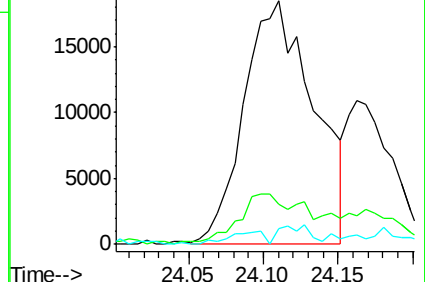
125 6.7 2.5 3.7#



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: 1.69 ng/ul

RT: 25.02 min Scan# 3774

Delta R.T. -0.00 min

Lab File: BG019498.D

Acq: 5 Nov 2015 18:40

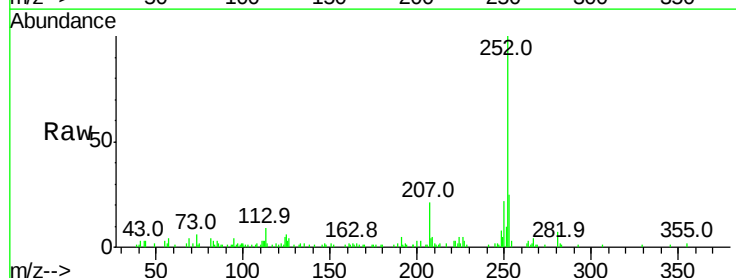
Tgt Ion:252 Resp: 42863

Ion Ratio Lower Upper

252 100

253 24.6 16.0 24.0#

125 8.5 3.3 4.9#



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

