

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018213.D
 Acq On : 1 Aug 2015 10:28
 Operator : TP/UM
 Sample : G3073-20
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 03 02:00:25 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	50537	20.00	ng/ul	0.01
18) Naphthalene-d8	10.27	136	233317	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	142380	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	232463	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	212039	20.00	ng/ul	0.01
86) Perylene-d12	23.31	264	227382	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	1769	2.64	ng/uL	0.00
5) Phenol-d5	6.68	99	83415	18.36	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	43575	18.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	67781	19.75	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	69064	18.66	ng/ul	0.01
19) Nitrobenzene-d5	8.64	128	36467	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	35269	16.72	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.91	165	74427	19.97	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	63644	13.70	ng/ul	0.02
44) Dimethylphthalate-d6	13.58	166	227396	20.67	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	234661	18.39	ng/ul	0.01
52) 4-Nitrophenol-d4	14.40	143	27053	13.28	ng/ul	0.02
58) Fluorene-d10	15.16	176	151619	15.23	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.31	200	1544	0.95	ng/ul	0.02
71) Anthracene-d10	17.02	188	169661	16.78	ng/ul	0.01
79) Pyrene-d10	19.33	212	136826	13.34	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.17	264	159980	13.91	ng/ul	0.02

Target Compounds

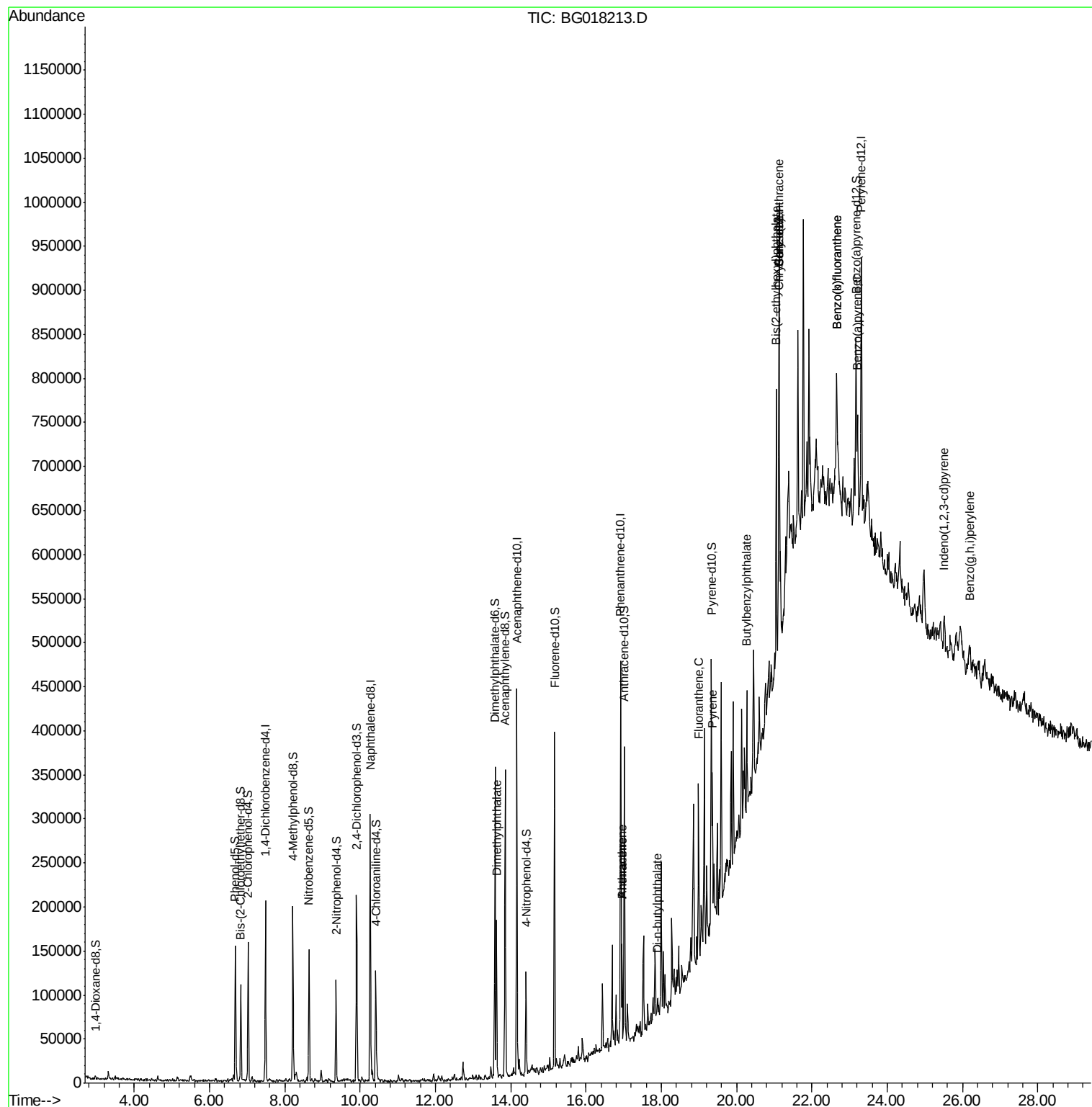
						Ovalue
45) Dimethylphthalate	13.62	163	103599	9.46	ng/ul	98
70) Phenanthrene	16.96	178	58582	4.96	ng/ul	98
72) Anthracene	16.96	178	58702	5.00	ng/ul	95
76) Di-n-butylphthalate	17.90	149	16440	1.27	ng/ul#	94
77) Fluoranthene	18.99	202	108344	8.35	ng/ul#	93
80) Pyrene	19.36	202	98066	7.62	ng/ul#	93
81) Butylbenzylphthalate	20.27	149	34544	6.61	ng/ul#	81
83) Benzo(a)anthracene	21.11	228	50426	4.42	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.05	149	108643	15.41	ng/ul#	97
85) Chrysene	21.11	228	50788	4.86	ng/ul	96
88) Benzo(b)fluoranthene	22.66	252	95390	6.98	ng/ul#	94
89) Benzo(k)fluoranthene	22.66	252	95390	7.60	ng/ul#	93
91) Benzo(a)pyrene	23.22	252	58120	4.76	ng/ul#	79
92) Indeno(1,2,3-cd)pyrene	25.51	276	37932	2.68	ng/ul#	91
94) Benzo(g,h,i)perylene	26.19	276	36938	3.20	ng/ul#	85

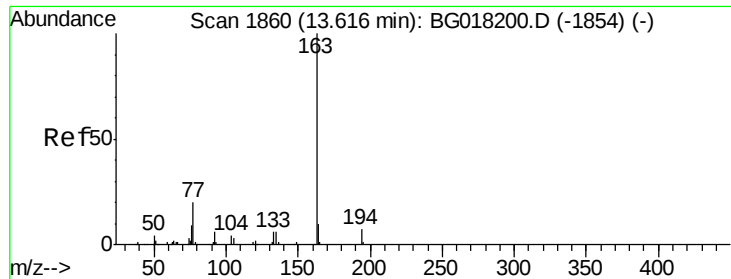
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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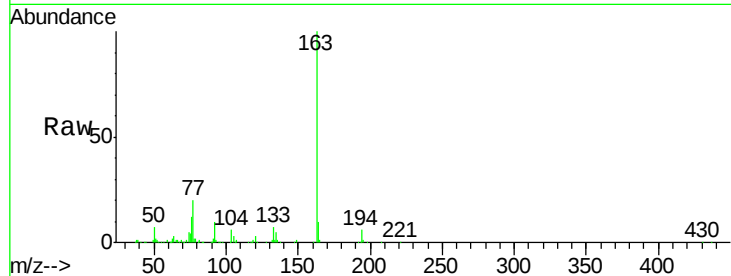




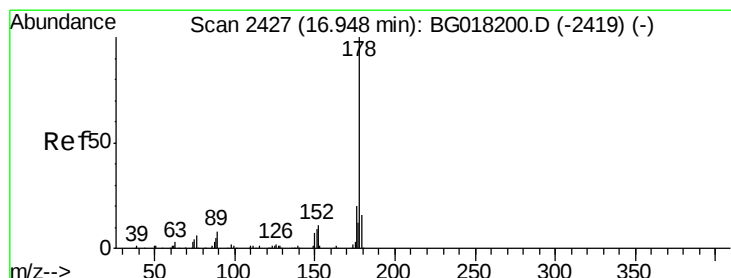
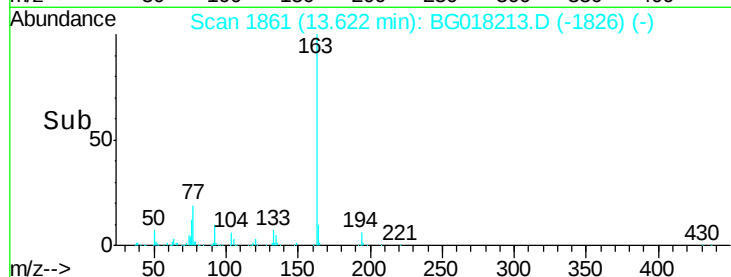
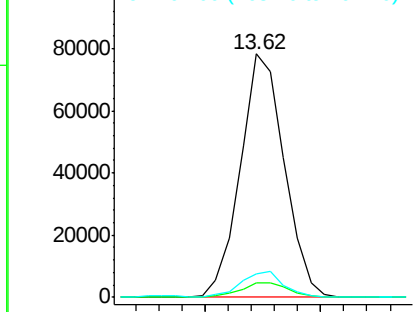
#45
Dimethylphthalate
Concen: 9.46 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018213.D
Acq: 1 Aug 2015 10:28

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.0	5.2	7.8
164	9.8	8.4	12.6

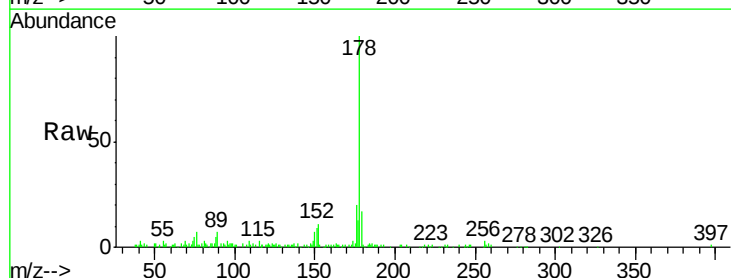


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

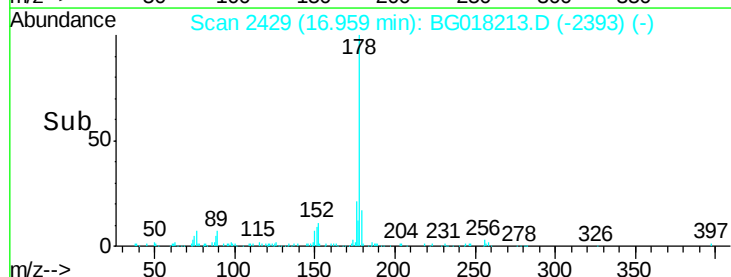
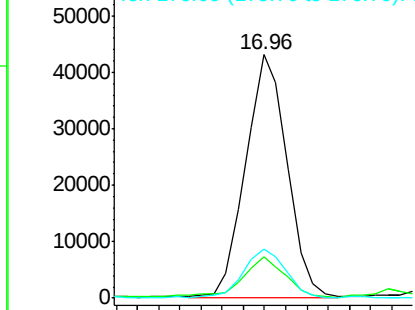


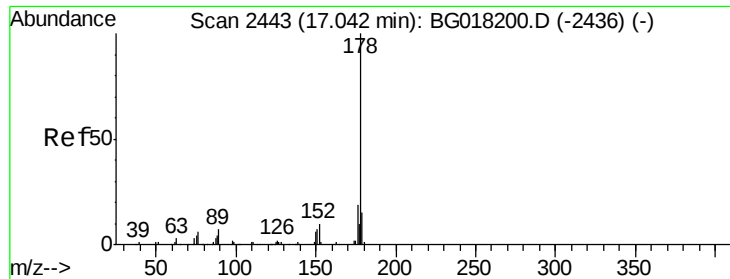
#70
Phenanthrene
Concen: 4.96 ng/ul
RT: 16.96 min Scan# 2429
Delta R.T. 0.01 min
Lab File: BG018213.D
Acq: 1 Aug 2015 10:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.8	19.2
176	20.4	16.0	24.0



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

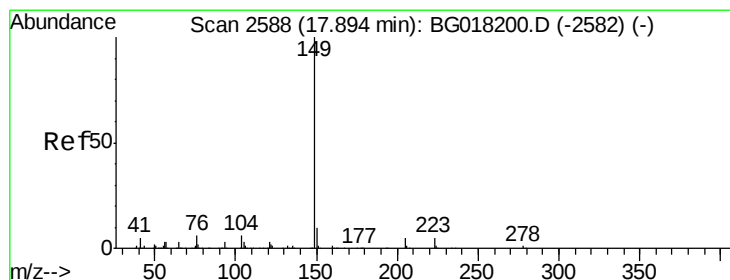
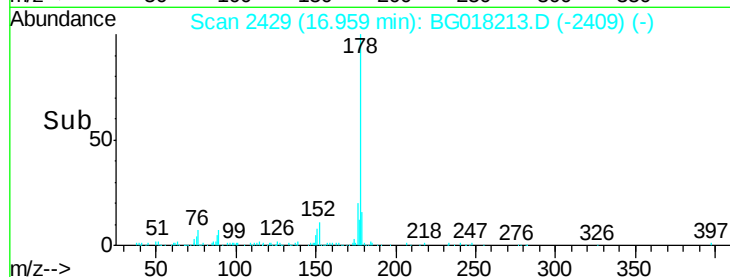
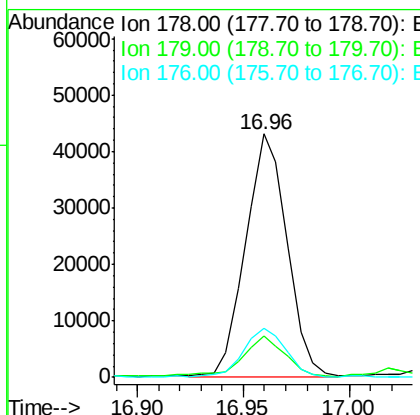
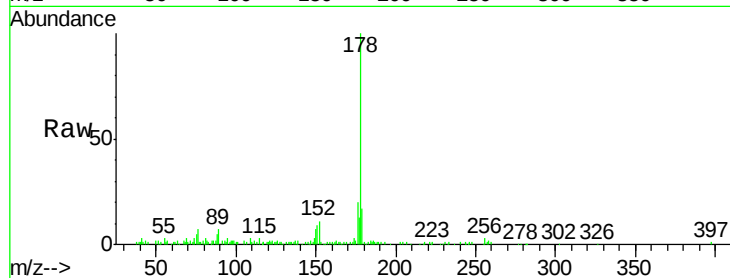




#72
 Anthracene
 Concen: 5.00 ng/ul
 RT: 16.96 min Scan# 2429
 Delta R.T. -0.08 min
 Lab File: BG018213.D
 Acq: 1 Aug 2015 10:28

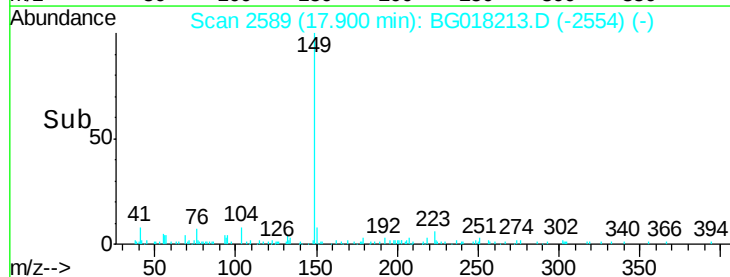
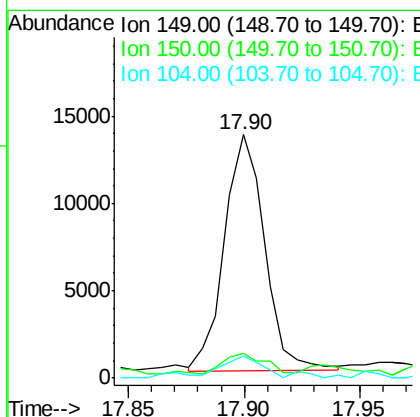
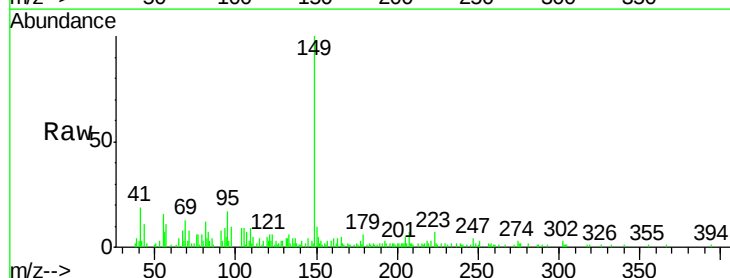
Instrument :
 BNA_G
 ClientSampleId :

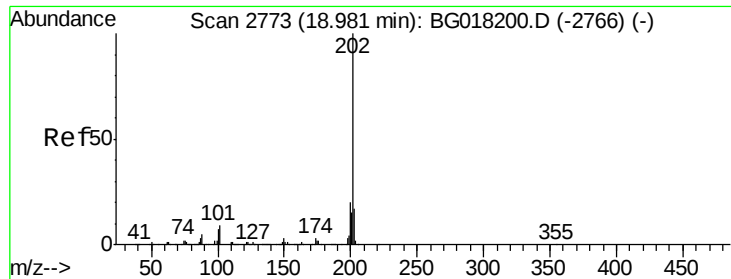
Tot Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.2	18.2
176	20.4	14.8	22.2



#76
 Di-n-butylphthalate
 Concen: 1.27 ng/ul
 RT: 17.90 min Scan# 2589
 Delta R.T. 0.01 min
 Lab File: BG018213.D
 Acq: 1 Aug 2015 10:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	9.3	3.6	5.4#

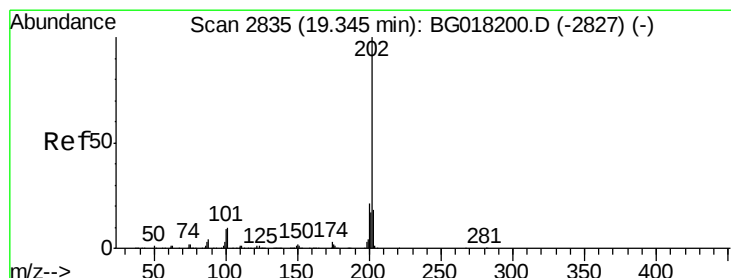
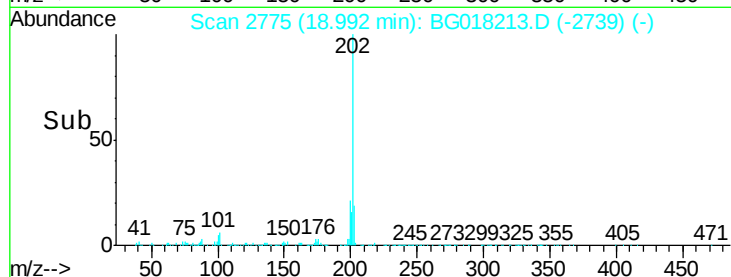
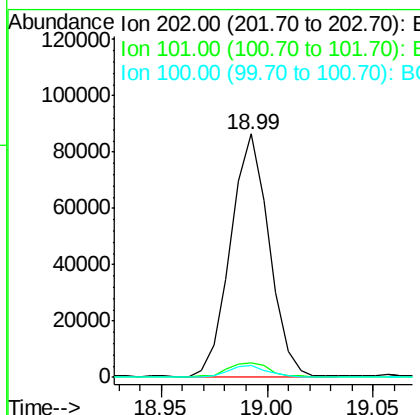
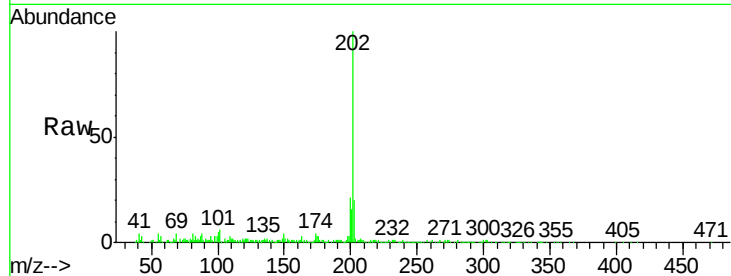




#77
 Fluoranthene
 Concen: 8.35 ng/ul
 RT: 18.99 min Scan# 2775
 Delta R.T. 0.01 min
 Lab File: BG018213.D
 Acq: 1 Aug 2015 10:28

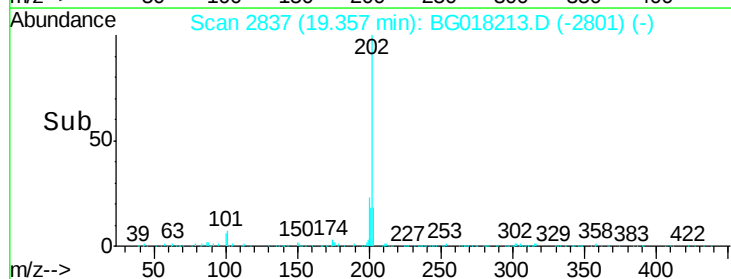
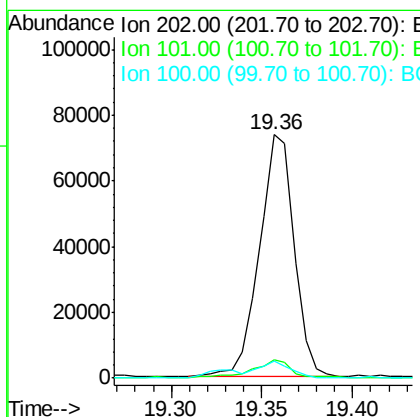
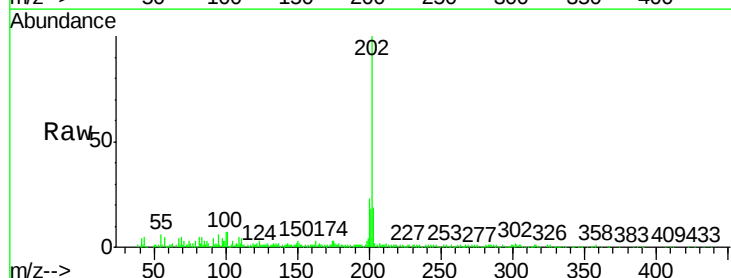
Instrument :
 BNA_G
 ClientSampleId :

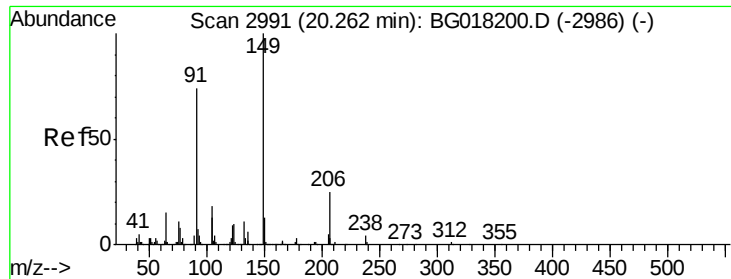
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.2	7.5	11.3#
100	5.2	5.5	8.3#



#80
 Pyrene
 Concen: 7.62 ng/ul
 RT: 19.36 min Scan# 2837
 Delta R.T. 0.01 min
 Lab File: BG018213.D
 Acq: 1 Aug 2015 10:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	8.1	12.1#
100	6.8	7.4	11.0#

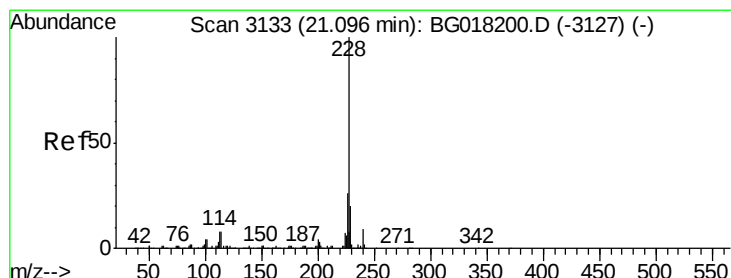
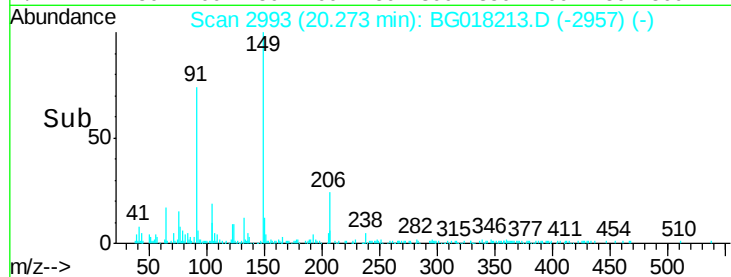
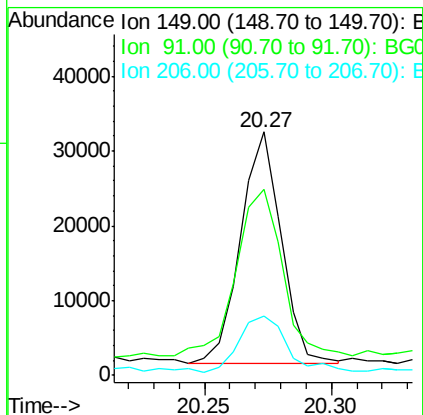
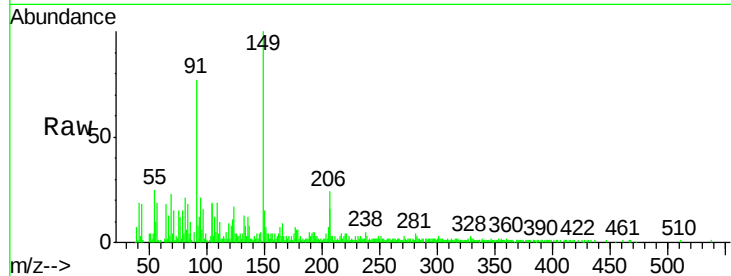




#81
Butylbenzylphthalate
Concen: 6.61 ng/ul
RT: 20.27 min Scan# 2993
Delta R.T. 0.01 min
Lab File: BG018213.D
Acq: 1 Aug 2015 10:28

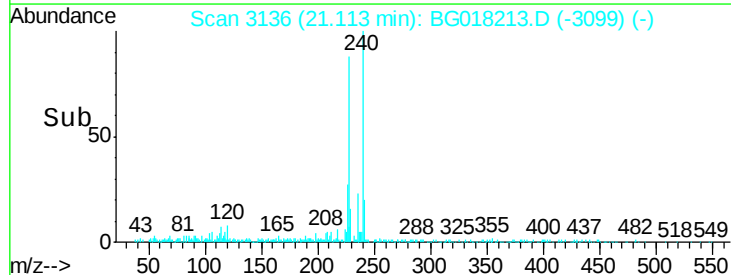
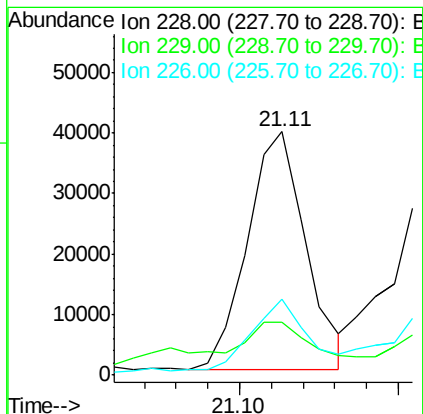
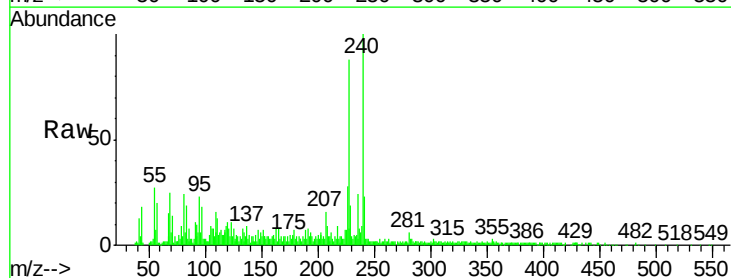
Instrument :
BNA_G
ClientSampleId :

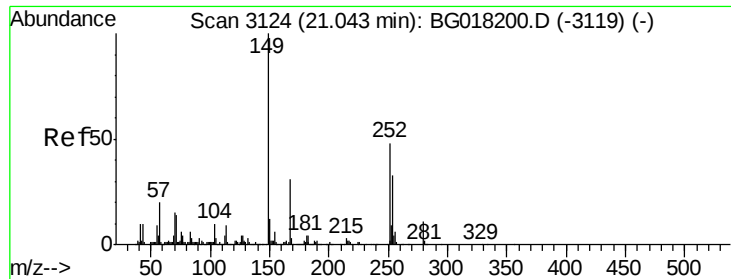
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.5	46.6	69.8#
206	24.4	21.8	32.8



#83
Benzo(a)anthracene
Concen: 4.42 ng/ul
RT: 21.11 min Scan# 3136
Delta R.T. 0.02 min
Lab File: BG018213.D
Acq: 1 Aug 2015 10:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.5	24.7
226	31.3	21.5	32.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 15.41 ng/ul

RT: 21.05 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BG018213.D

Acq: 1 Aug 2015 10:28

Instrument :

BNA_G

ClientSampleId :

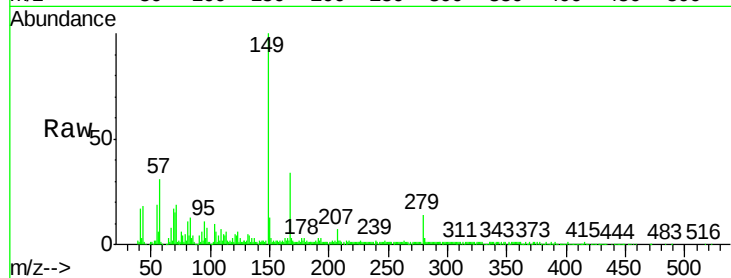
Tot Ion:149 Resp: 108643

Ion Ratio Lower Upper

149 100

167 34.1 27.4 41.2

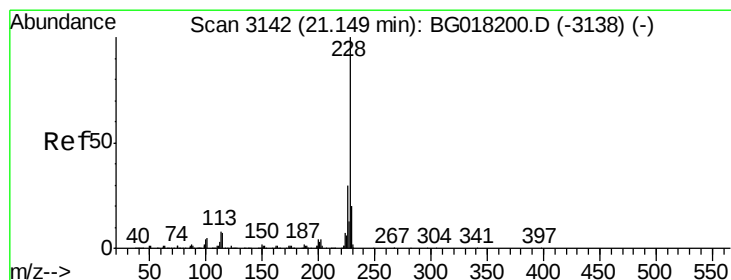
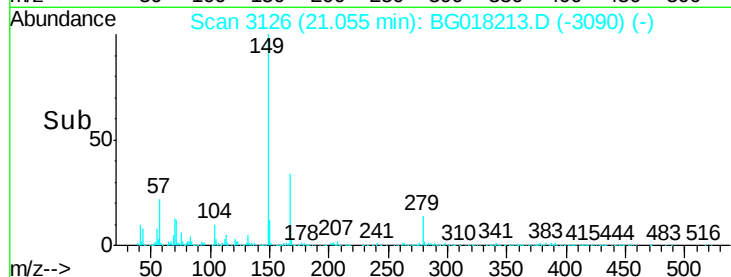
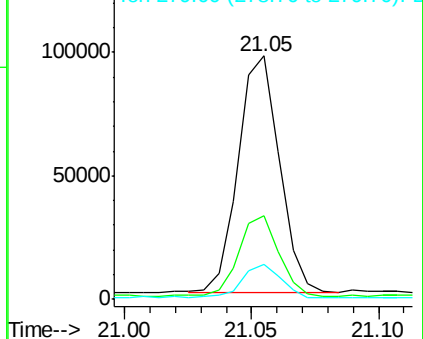
279 14.5 8.3 12.5#



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



#85

Chrysene

Concen: 4.86 ng/ul

RT: 21.11 min Scan# 3136

Delta R.T. -0.04 min

Lab File: BG018213.D

Acq: 1 Aug 2015 10:28

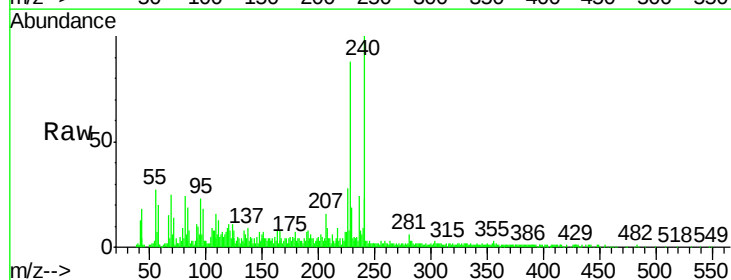
Tgt Ion:228 Resp: 50788

Ion Ratio Lower Upper

228 100

226 31.3 22.7 34.1

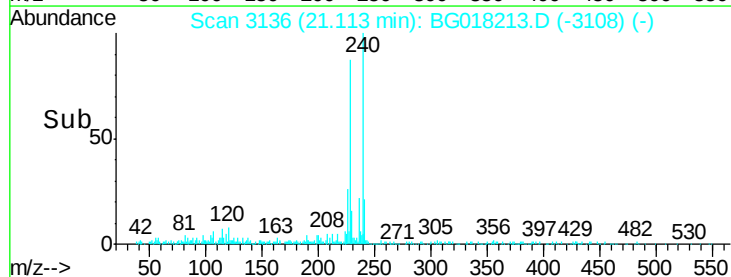
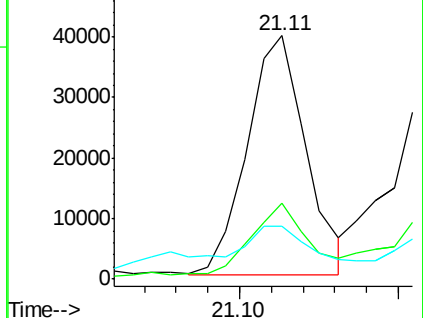
229 21.5 16.2 24.2

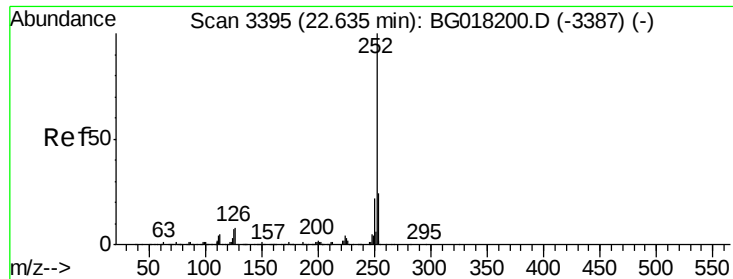


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 6.98 ng/ul

RT: 22.66 min Scan# 3399

Delta R.T. 0.02 min

Lab File: BG018213.D

Acq: 1 Aug 2015 10:28

Instrument :

BNA_G

ClientSampleId :

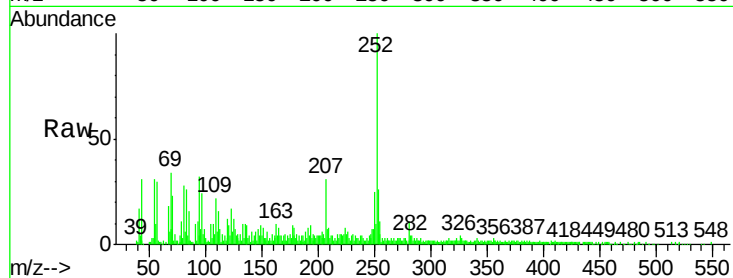
Tot Ion:252 Resp: 95390

Ion Ratio Lower Upper

252 100

253 26.0 18.5 27.7

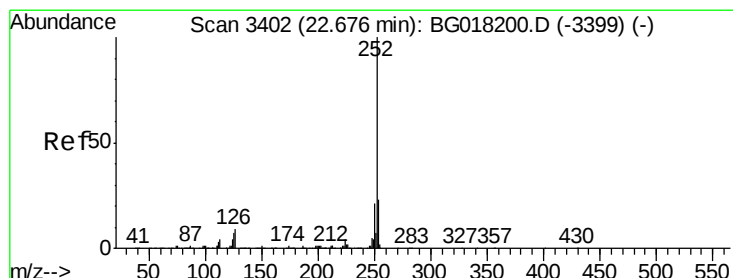
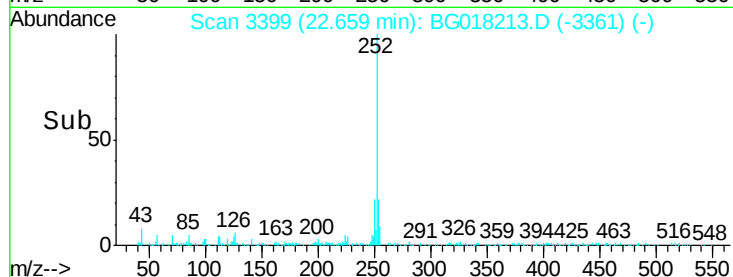
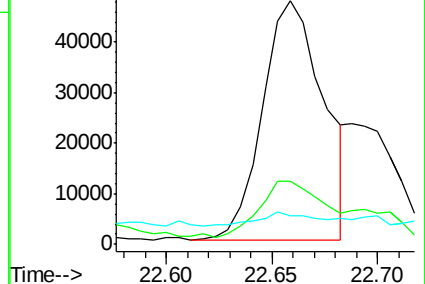
125 12.0 7.4 11.0#



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



#89

Benzo(k)fluoranthene

Concen: 7.60 ng/ul

RT: 22.66 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BG018213.D

Acq: 1 Aug 2015 10:28

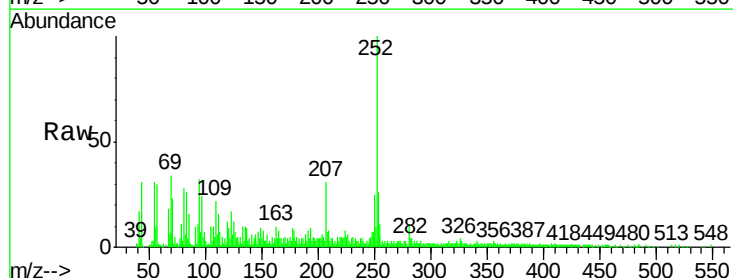
Tgt Ion:252 Resp: 95390

Ion Ratio Lower Upper

252 100

253 26.0 18.2 27.2

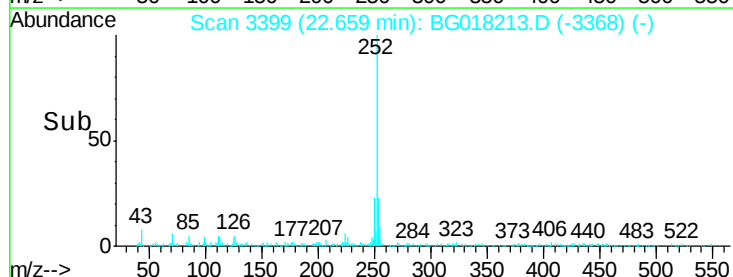
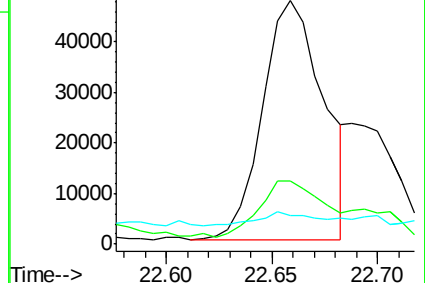
125 12.0 7.5 11.3#

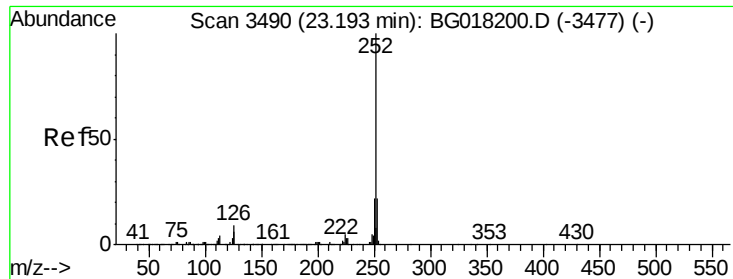


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 4.76 ng/ul

RT: 23.22 min Scan# 3494

Delta R.T. 0.02 min

Lab File: BG018213.D

Acq: 1 Aug 2015 10:28

Instrument :

BNA_G

ClientSampleId :

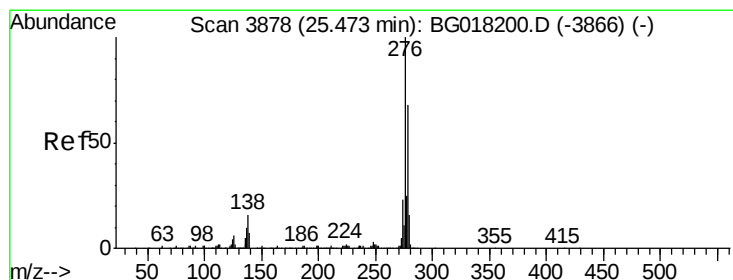
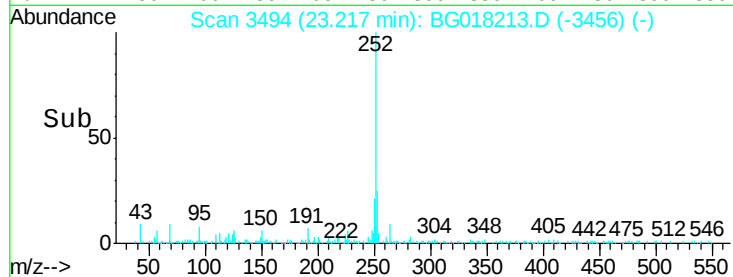
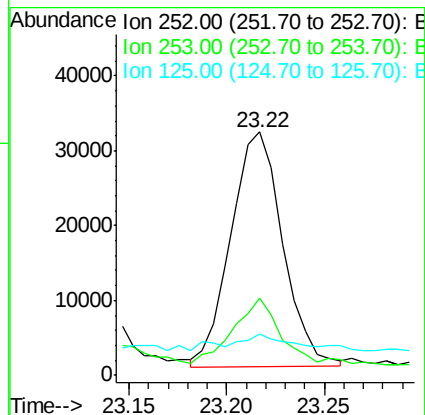
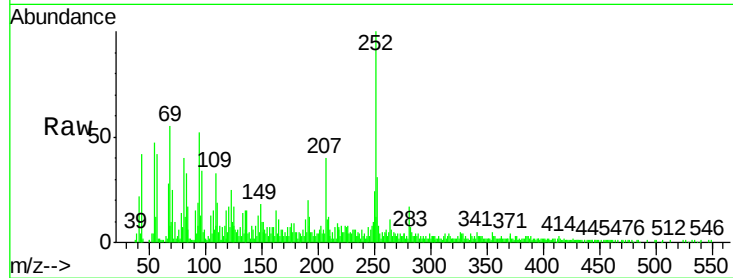
Tot Ion:252 Resp: 58120

Ion Ratio Lower Upper

252 100

253 31.5 17.4 26.2#

125 17.0 7.3 10.9#



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.68 ng/ul

RT: 25.51 min Scan# 3885

Delta R.T. 0.04 min

Lab File: BG018213.D

Acq: 1 Aug 2015 10:28

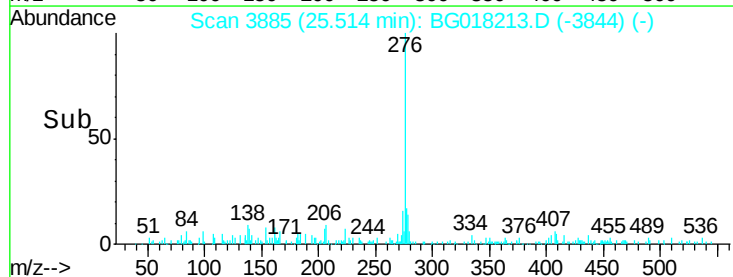
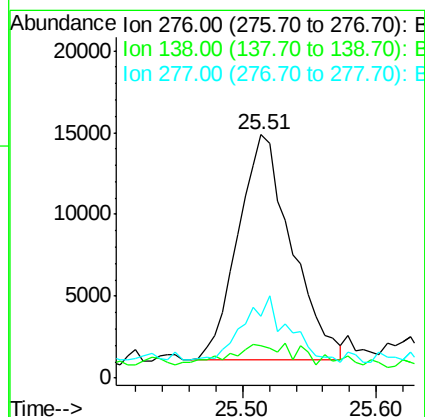
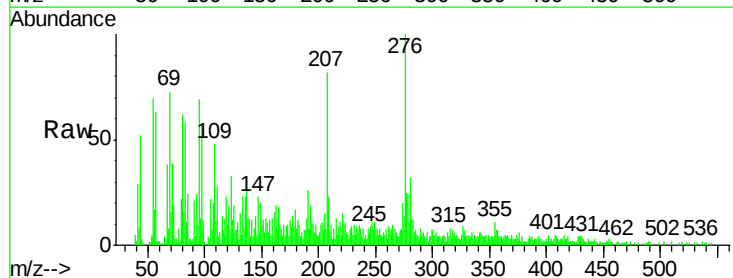
Tgt Ion:276 Resp: 37932

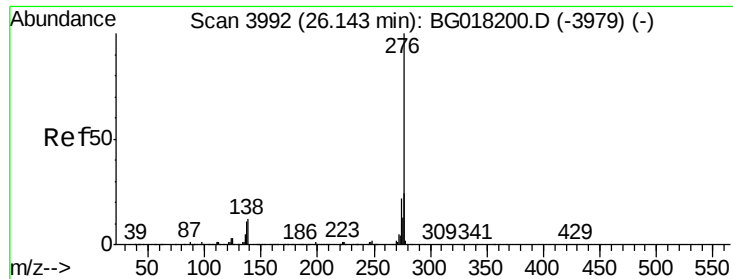
Ion Ratio Lower Upper

276 100

138 13.2 17.2 25.8#

277 25.3 19.5 29.3





#94

Benzo(a,h,i)perylene

Concen: 3.20 ng/ul

RT: 26.19 min Scan# 4000

Delta R.T. 0.05 min

Lab File: BG018213.D

Acq: 1 Aug 2015 10:28

Instrument :

BNA_G

ClientSampleId :

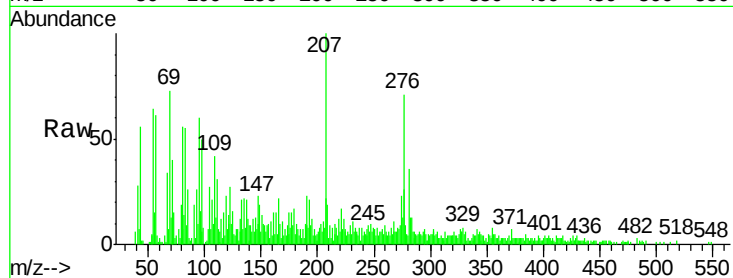
Tot Ion:276 Resp: 36938

Ion Ratio Lower Upper

276 100

138 16.2 15.1 22.7

277 36.0 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

