

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018217.D
 Acq On : 1 Aug 2015 12:48
 Operator : TP/UM
 Sample : G3073-17
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 03 02:01:22 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	7.48	152	51370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	229408	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	139363	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.92	188	252679	20.00	ng/ul	0.01
78) Chrysene-d12	21.13	240	209452	20.00	ng/ul	0.01
86) Perylene-d12	23.31	264	214852	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	877	1.29	ng/uL	0.00
5) Phenol-d5	6.68	99	39175	8.48	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.83	67	20117	8.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	31778	9.11	ng/ul	0.01
13) 4-Methylphenol-d8	8.21	113	30109	8.00	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	17233	9.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	14242	6.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	31557	8.61	ng/ul	0.01
29) 4-Chloroaniline-d4	10.41	131	25343	5.55	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	104698	9.72	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	114945	9.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	5840	2.93	ng/ul	0.02
58) Fluorene-d10	15.16	176	79668	8.18	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.92	188	252679	23.00	ng/ul	-0.09
79) Pyrene-d10	19.33	212	79026	7.80	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.17	264	81278	7.48	ng/ul	0.02

Target Compounds

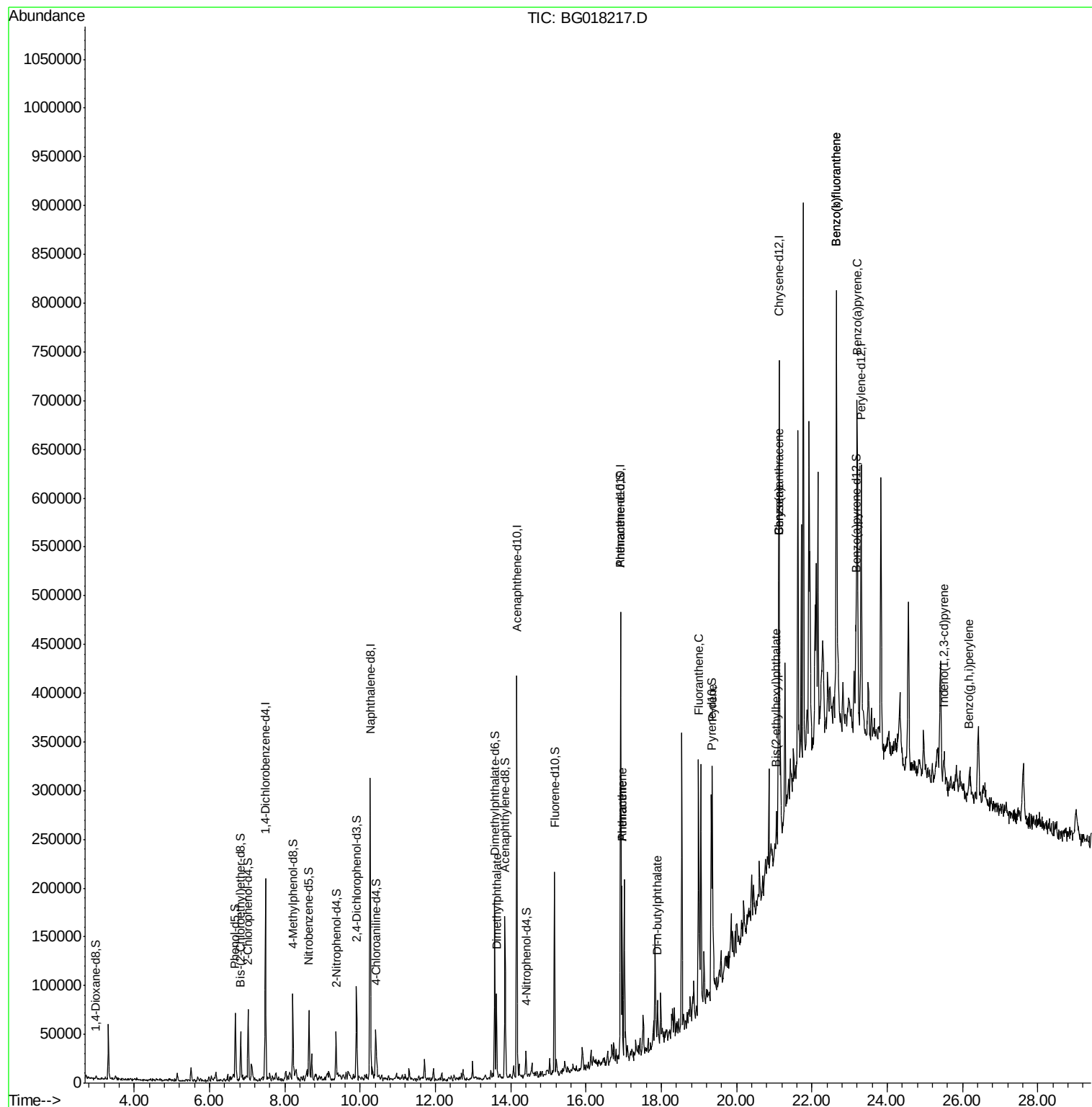
						Ovalue
45) Dimethylphthalate	13.62	163	49138	4.59	ng/ul#	95
70) Phenanthrene	16.96	178	102337	7.97	ng/ul	97
72) Anthracene	16.96	178	102337	8.01	ng/ul	99
76) Di-n-butylphthalate	17.90	149	28145	1.99	ng/ul#	96
77) Fluoranthene	18.99	202	135857	9.64	ng/ul#	95
80) Pyrene	19.36	202	125451	9.87	ng/ul#	92
83) Benzo(a)anthracene	21.11	228	56516	5.01	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	15371	2.21	ng/ul#	96
85) Chrysene	21.11	228	57448	5.56	ng/ul	97
88) Benzo(b)fluoranthene	22.66	252	101696	7.88	ng/ul	97
89) Benzo(k)fluoranthene	22.66	252	101696	8.57	ng/ul	96
91) Benzo(a)pyrene	23.21	252	58586	5.07	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.51	276	36991	2.77	ng/ul#	88
94) Benzo(g,h,i)perylene	26.18	276	31389	2.88	ng/ul#	95

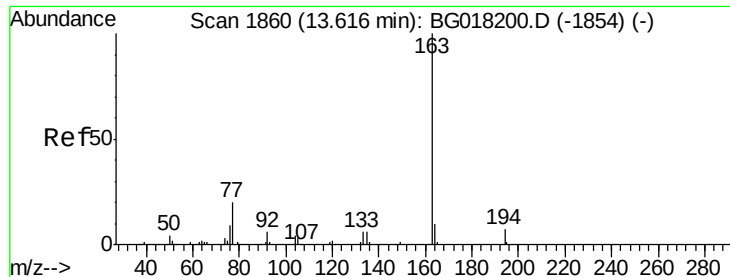
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 03 02:01:22 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 07:09:30 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 4.59 ng/ul

RT: 13.62 min Scan# 1861

Delta R.T. 0.01 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

Instrument :

BNA_G

ClientSampleId :

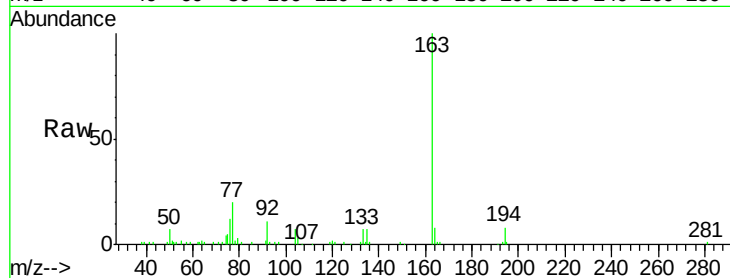
Tot Ion:163 Resp: 49138

Ion Ratio Lower Upper

163 100

194 8.0 5.2 7.8#

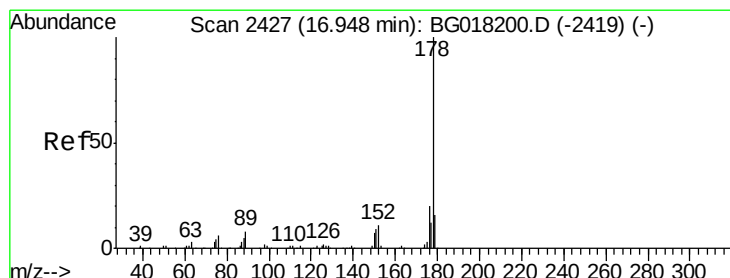
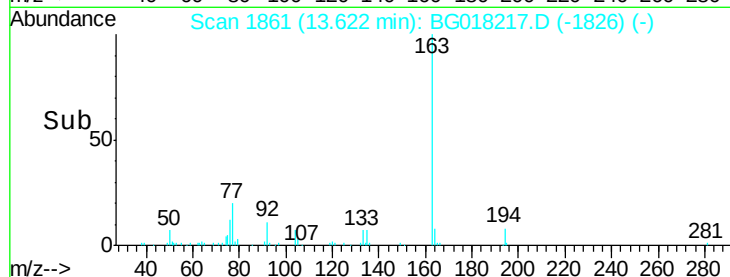
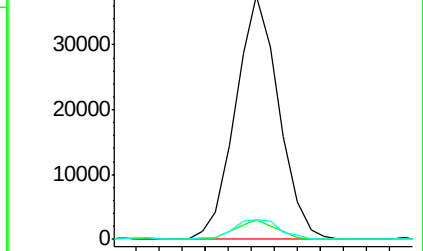
164 8.3 8.4 12.6#



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: 7.97 ng/ul

RT: 16.96 min Scan# 2429

Delta R.T. 0.01 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

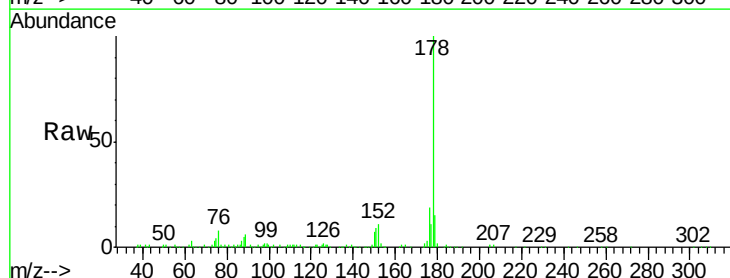
Tgt Ion:178 Resp: 102337

Ion Ratio Lower Upper

178 100

179 15.0 12.8 19.2

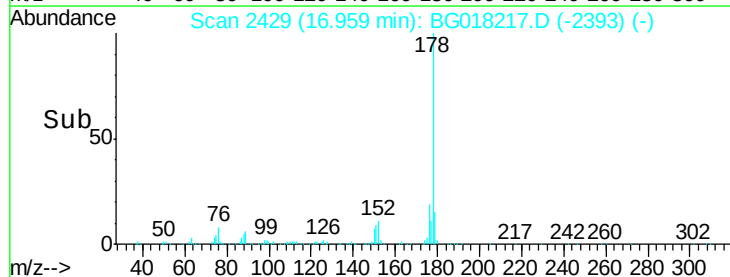
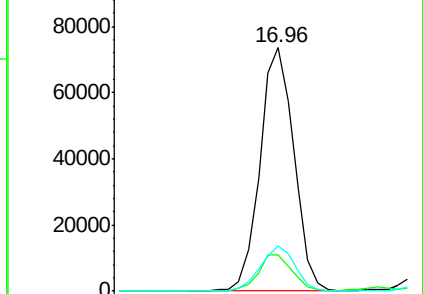
176 18.8 16.0 24.0

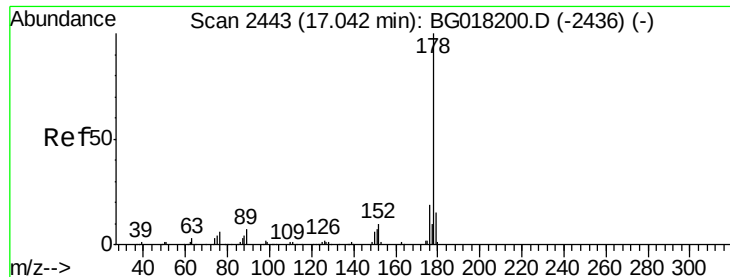


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 8.01 ng/ul

RT: 16.96 min Scan# 2429

Delta R.T. -0.08 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

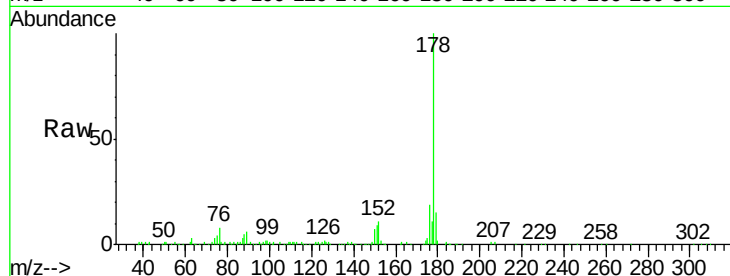
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 102337

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.8	14.8	22.2

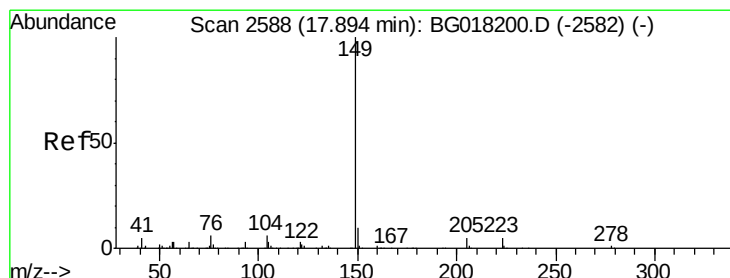
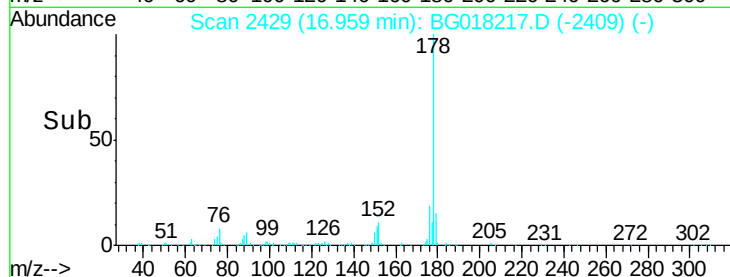
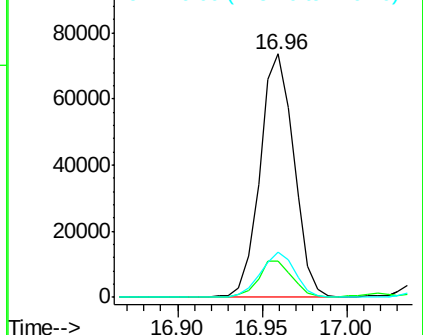


Abundance

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

Di-n-butylphthalate

Concen: 1.99 ng/ul

RT: 17.90 min Scan# 2589

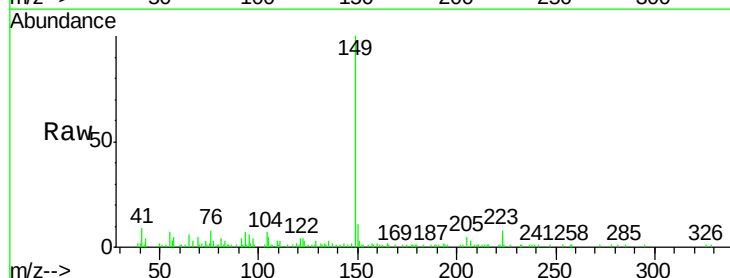
Delta R.T. 0.01 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

Tgt Ion:149 Resp: 28145

Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.7	11.5
104	6.8	3.6	5.4

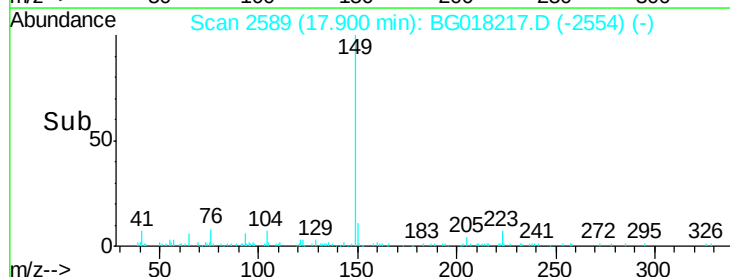
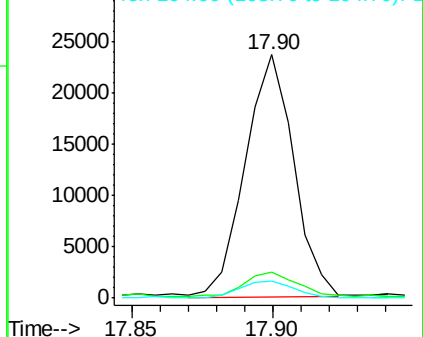


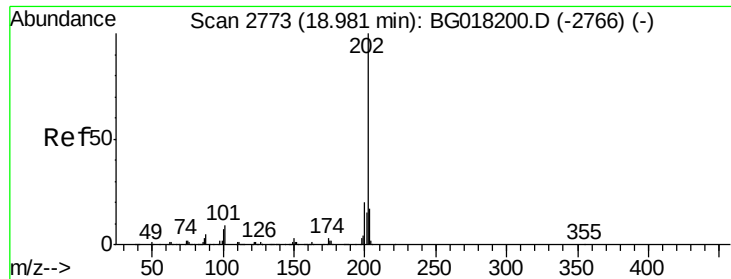
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 9.64 ng/ul

RT: 18.99 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BG018217.D

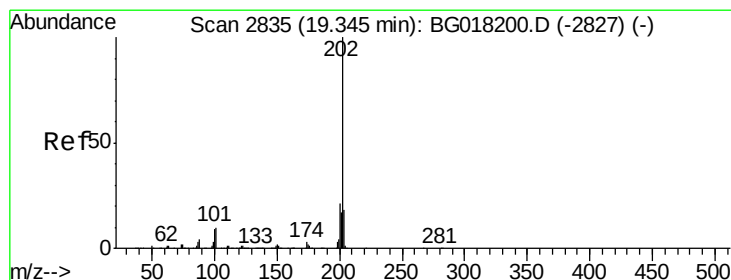
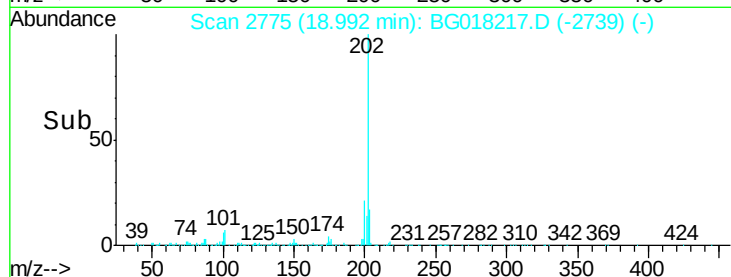
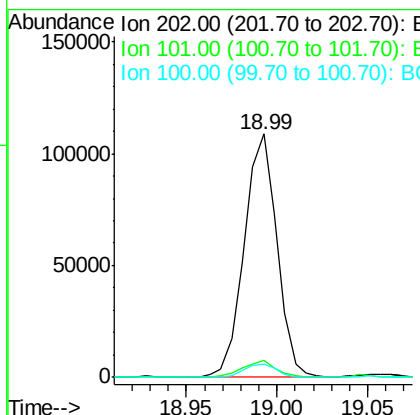
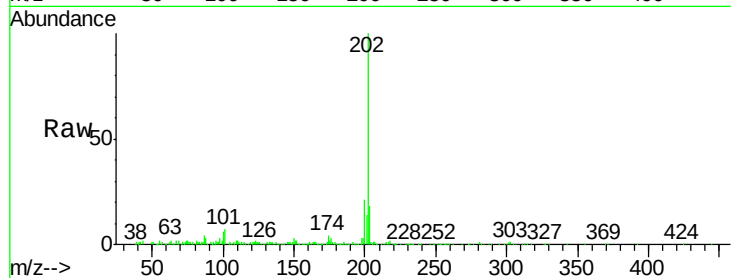
Acq: 1 Aug 2015 12:48

Instrument :

BNA_G

ClientSampled :

Tot Ion:	202	Resp:	135857
Ion	Ratio	Lower	Upper
202	100		
101	6.9	7.5	11.3#
100	5.7	5.5	8.3



#80

Pyrene

Concen: 9.87 ng/ul

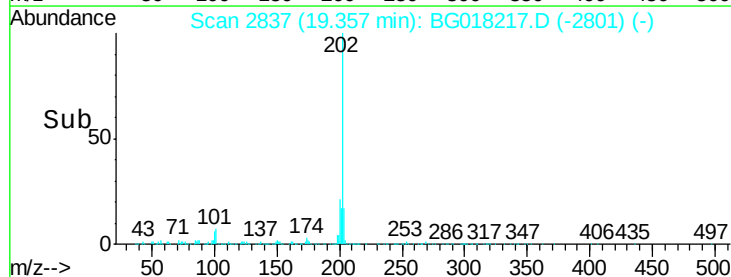
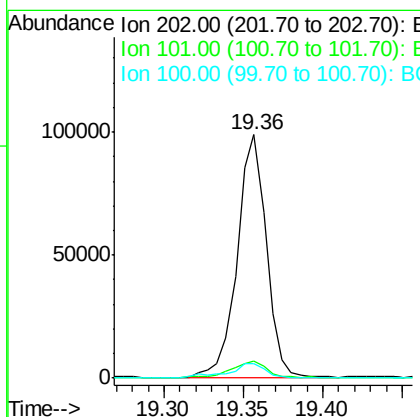
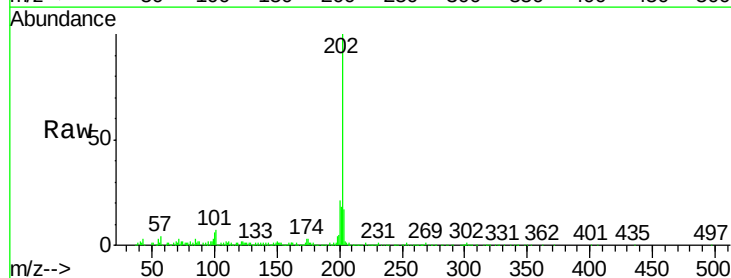
RT: 19.36 min Scan# 2837

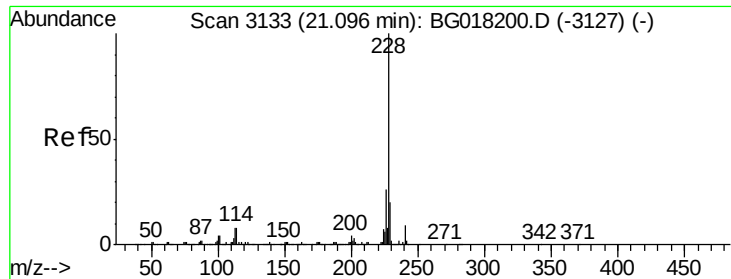
Delta R.T. 0.01 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

Tgt Ion:	202	Resp:	125451
Ion	Ratio	Lower	Upper
202	100		
101	7.0	8.1	12.1#
100	6.1	7.4	11.0#





#83

Benzo(a)anthracene

Concen: 5.01 ng/ul

RT: 21.11 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

Instrument :

BNA_G

ClientSampleId :

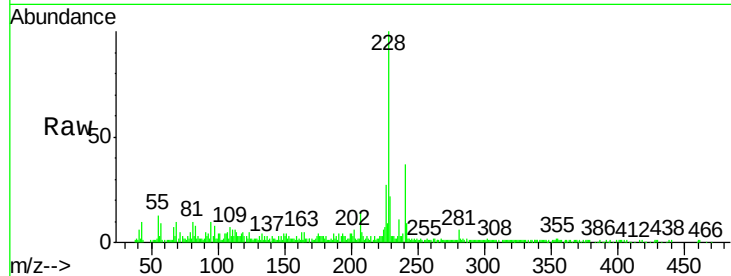
Tot Ion:228 Resp: 56516

Ion Ratio Lower Upper

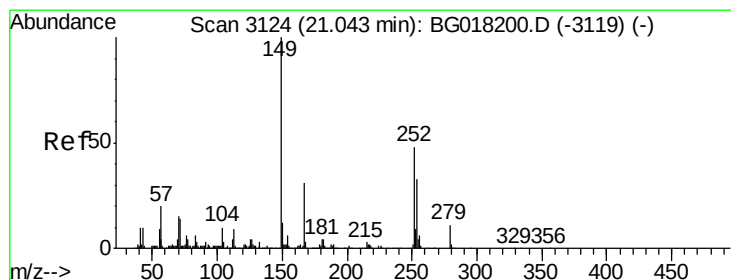
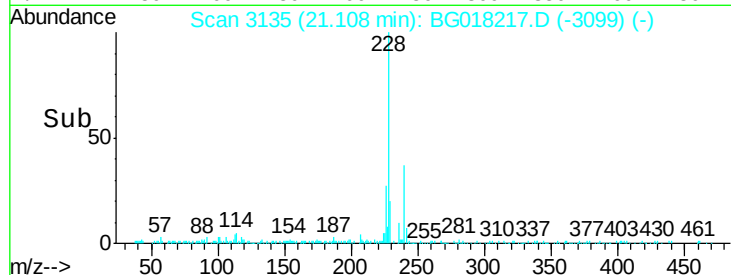
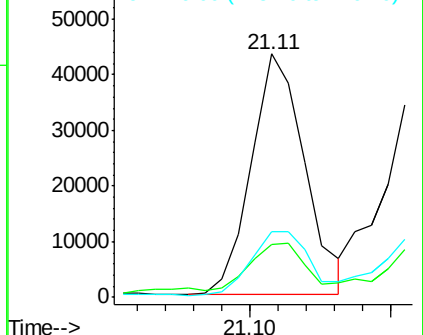
228 100

229 21.8 16.5 24.7

226 26.9 21.5 32.3



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.21 ng/ul

RT: 21.05 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

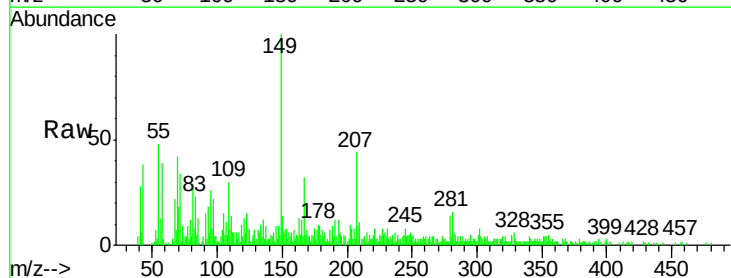
Tgt Ion:149 Resp: 15371

Ion Ratio Lower Upper

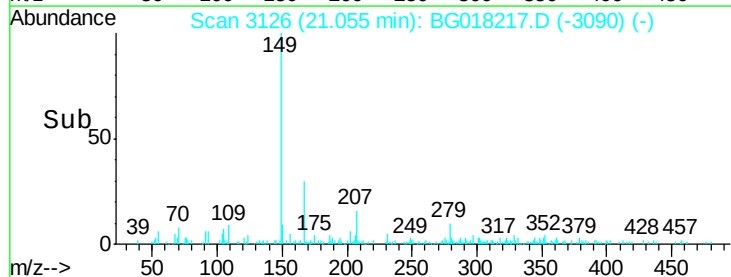
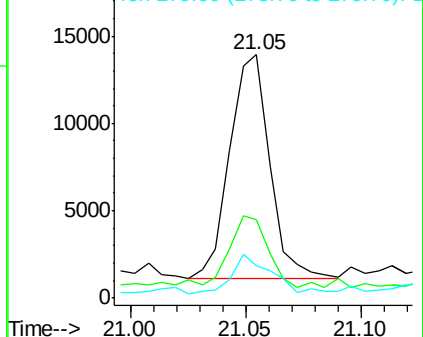
149 100

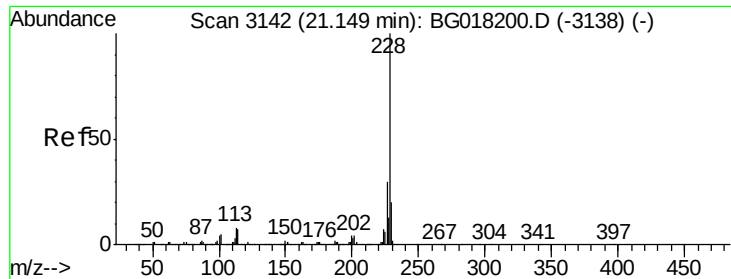
167 32.5 27.4 41.2

279 13.5 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: 5.56 ng/ul

RT: 21.11 min Scan# 3135

Delta R.T. -0.04 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

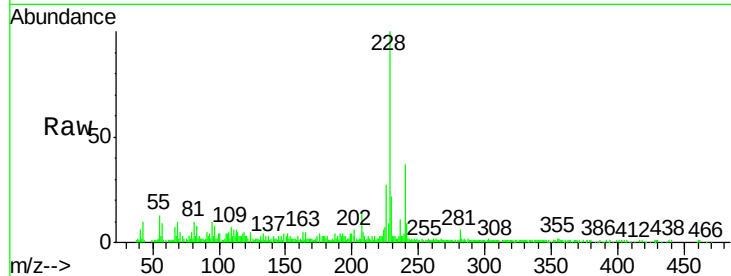
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 57448

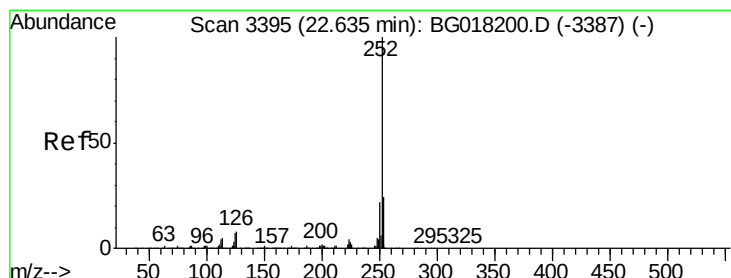
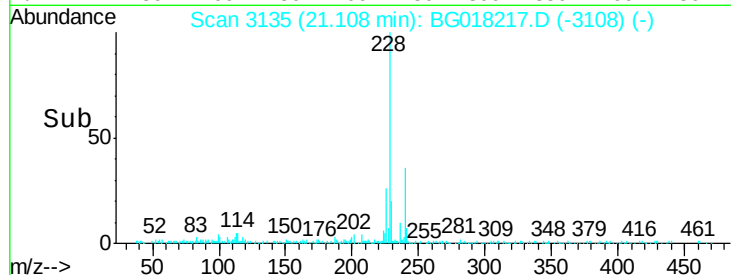
Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.7	34.1
229	21.8	16.2	24.2



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: 7.88 ng/ul

RT: 22.66 min Scan# 3399

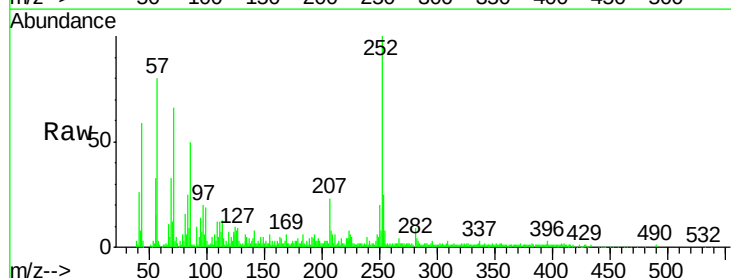
Delta R.T. 0.02 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

Tgt Ion:252 Resp: 101696

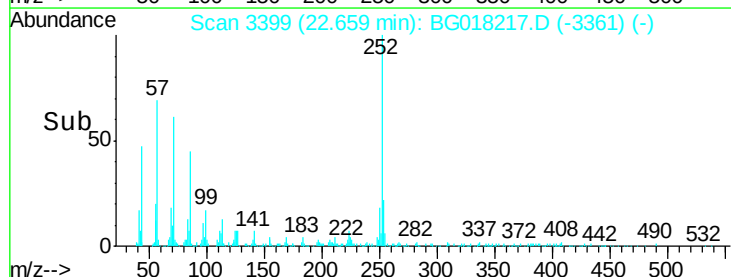
Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	10.3	7.4	11.0

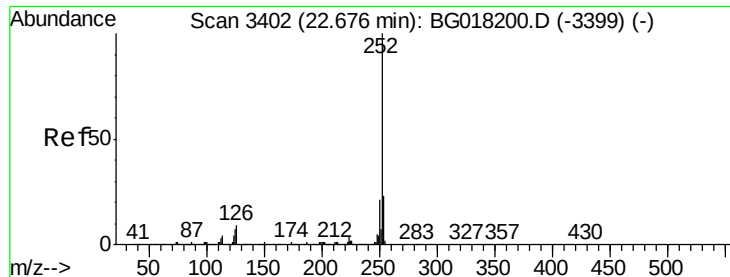


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 8.57 ng/ul

RT: 22.66 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

Instrument :

BNA_G

ClientSampleId :

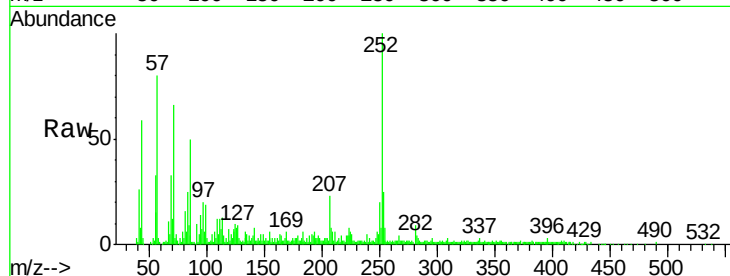
Tot Ion:252 Resp: 101696

Ion Ratio Lower Upper

252 100

253 24.7 18.2 27.2

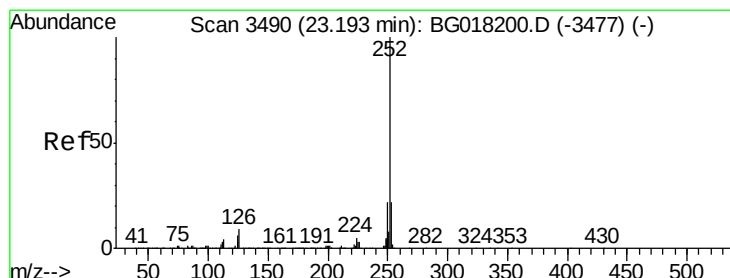
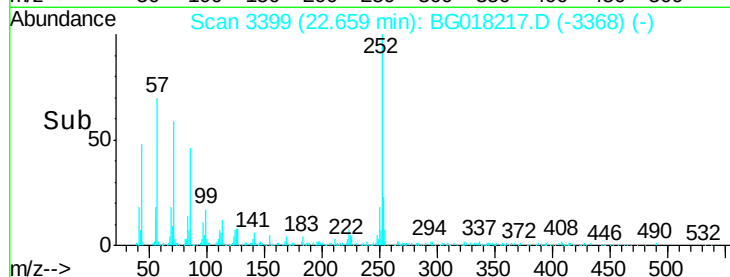
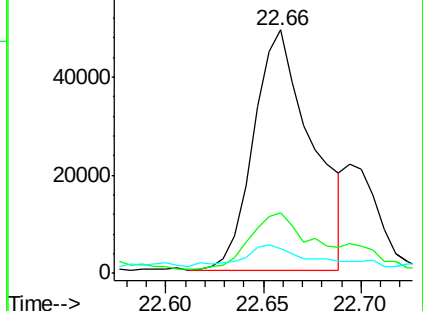
125 10.3 7.5 11.3



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: 5.07 ng/ul

RT: 23.21 min Scan# 3493

Delta R.T. 0.02 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

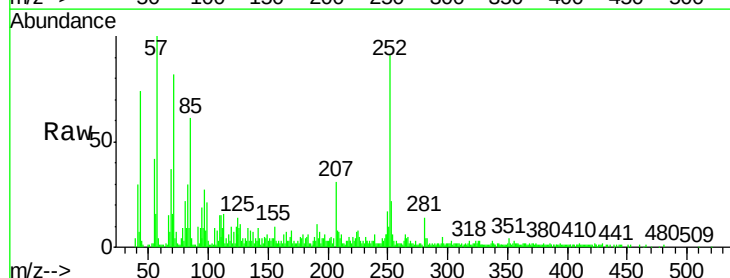
Tgt Ion:252 Resp: 58586

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.2

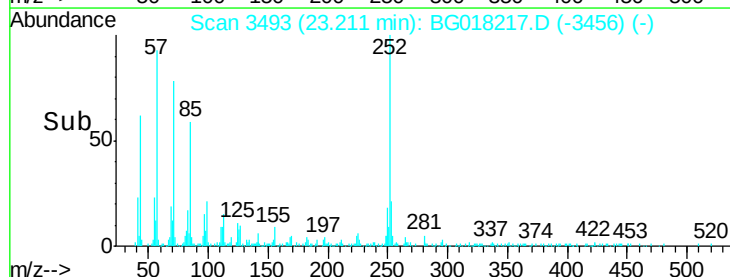
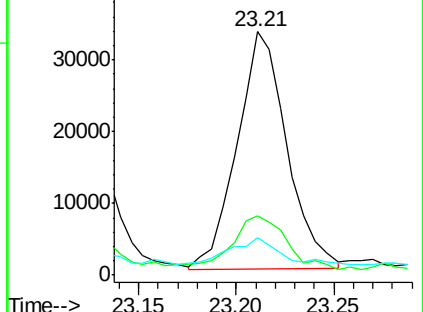
125 15.4 7.3 10.9#

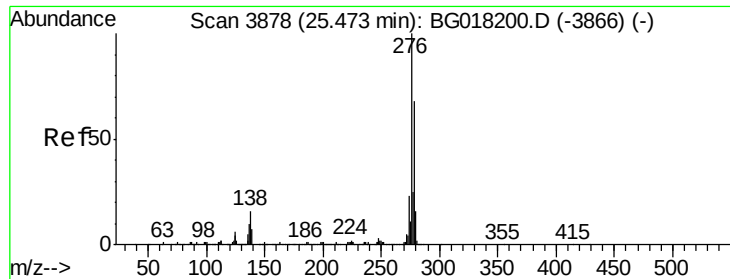


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.77 ng/ul

RT: 25.51 min Scan# 3885

Delta R.T. 0.04 min

Lab File: BG018217.D

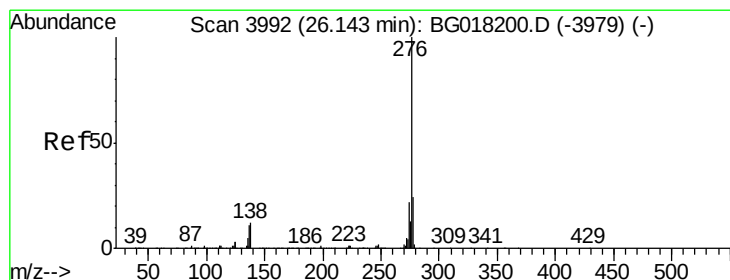
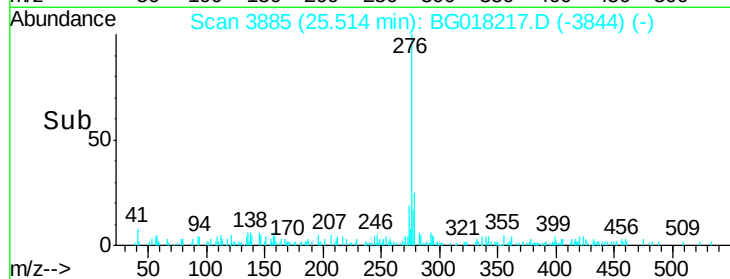
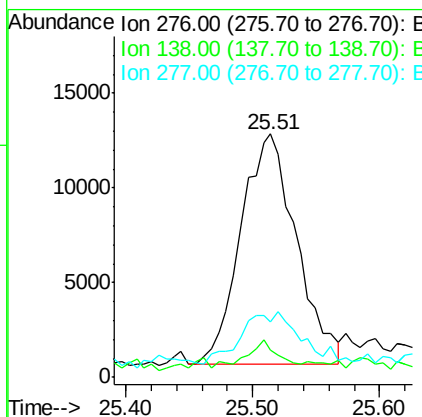
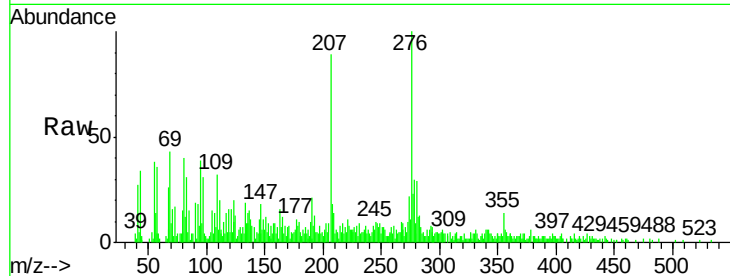
Acq: 1 Aug 2015 12:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276	Resp:	36991
Ion Ratio	Lower	Upper
276	100	
138	11.1	17.2 25.8#
277	22.7	19.5 29.3



#94

Benzo(g,h,i)perylene

Concen: 2.88 ng/ul

RT: 26.18 min Scan# 3999

Delta R.T. 0.04 min

Lab File: BG018217.D

Acq: 1 Aug 2015 12:48

Tgt Ion:276	Resp:	31389
Ion Ratio	Lower	Upper
276	100	
138	14.6	15.1 22.7#
277	25.5	19.8 29.6

