

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
 Data File : BG018238.D
 Acq On : 2 Aug 2015 22:15
 Operator : TP
 Sample : G3073-17RE
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02G2RE

Quant Time: Aug 03 06:05:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 05:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	87480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	363069	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.16	164	231920	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.01	188	160872	20.00	ng/ul	0.10
78) Chrysene-d12	21.26	240	428	20.00	ng/ul	0.14
86) Perylene-d12	23.32	264	267238	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	1740	1.50	ng/uL	0.00
5) Phenol-d5	6.68	99	57923	7.36	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.83	67	30873	7.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.02	132	50329	8.47	ng/ul	0.01
13) 4-Methylphenol-d8	8.22	113	44720	6.98	ng/ul	0.02
19) Nitrobenzene-d5	8.64	128	25858	9.04	ng/ul	0.01
22) 2-Nitrophenol-d4	9.36	143	24353	7.42	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.90	165	53380	9.20	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	38046	5.26	ng/ul	0.01
44) Dimethylphthalate-d6	13.58	166	170546	9.52	ng/ul	0.01
47) Acenaphthylene-d8	13.85	160	185368	8.92	ng/ul	0.01
52) 4-Nitrophenol-d4	14.42	143	10078	3.04	ng/ul	0.02
58) Fluorene-d10	15.16	176	134225	8.28	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.24	200	145	0.13	ng/ul	-0.05
71) Anthracene-d10	17.01	188	160872	23.00	ng/ul	0.01
79) Pyrene-d10	19.46	212	218	10.53	ng/ul	0.14
90) Benzo(a)pyrene-d12	23.18	264	102724	7.60	ng/ul	0.03

Target Compounds

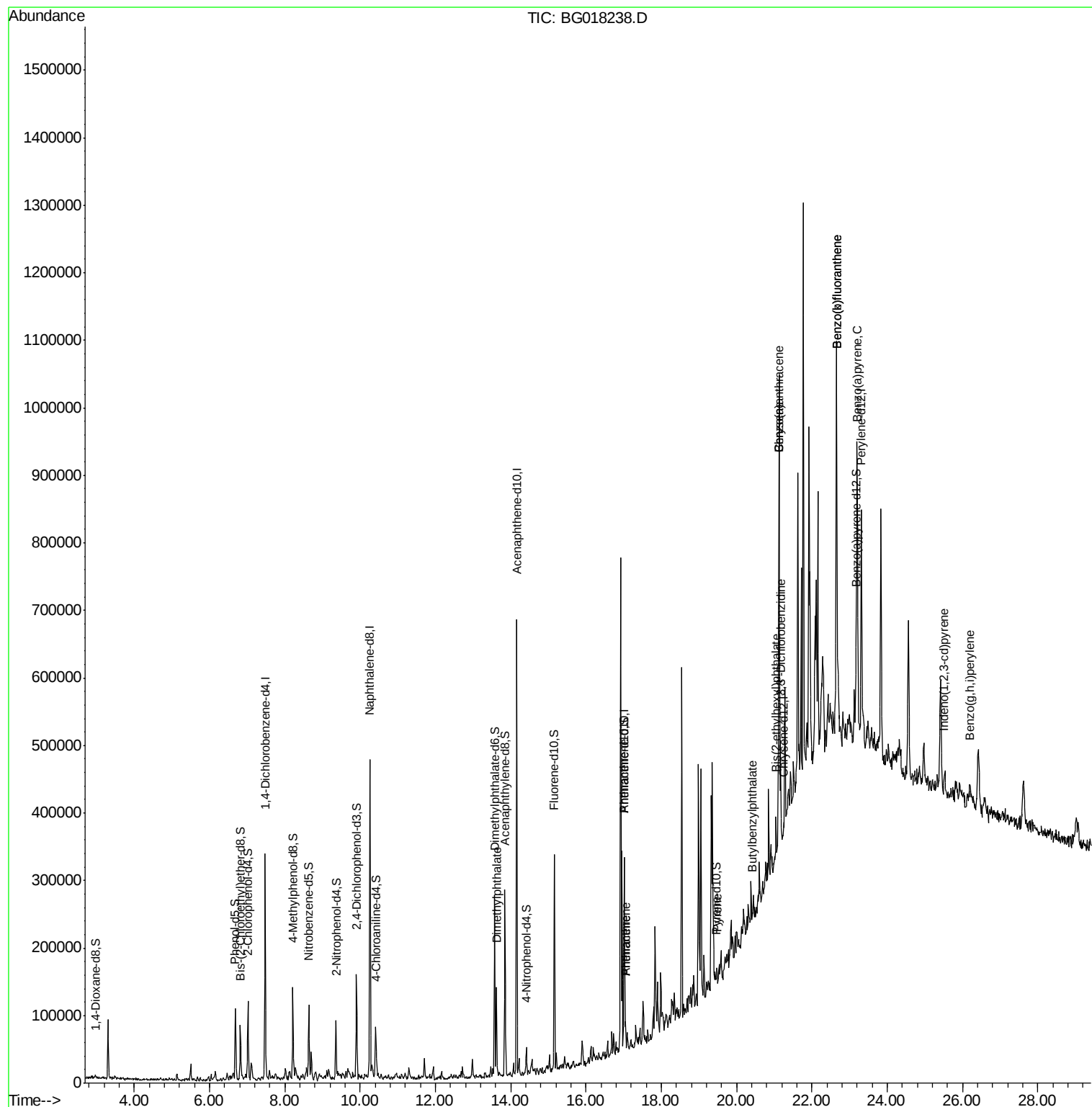
						Qvalue
45) Dimethylphthalate	13.62	163	79135	4.44	ng/ul	99
70) Phenanthrene	17.05	178	27187	3.33	ng/ul	97
72) Anthracene	17.05	178	25930	3.19	ng/ul	94
80) Pyrene	19.47	202	266	10.25	ng/ul#	23
81) Butylbenzylphthalate	20.41	149	485	45.99	ng/ul#	1
82) 3,3'-Dichlorobenzidine	21.17	252	1165	129.07	ng/ul#	62
83) Benzo(a)anthracene	21.11	228	79541	3450.95	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.05	149	19642	1380.58	ng/ul	98
85) Chrysene	21.11	228	46882	2220.54	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	109877	6.84	ng/ul	93
89) Benzo(k)fluoranthene	22.67	252	109877	7.45	ng/ul	93
91) Benzo(a)pyrene	23.22	252	70118	4.88	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.52	276	38227	2.30	ng/ul	93
94) Benzo(g,h,i)perylene	26.20	276	33905	2.50	ng/ul	98

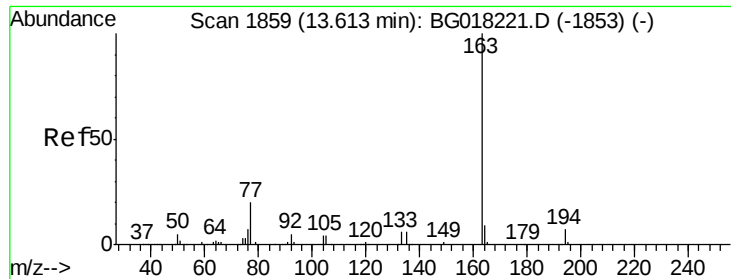
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Aug 03 06:05:24 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 05:58:42 2015
Response via : Initial Calibration

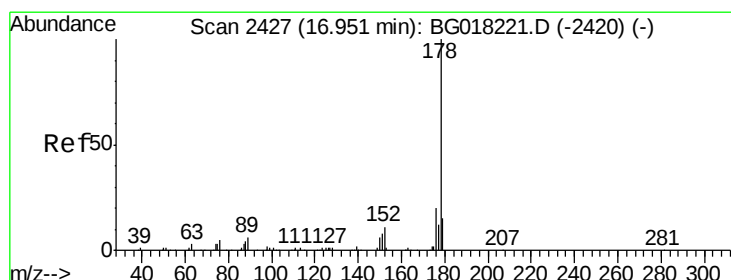
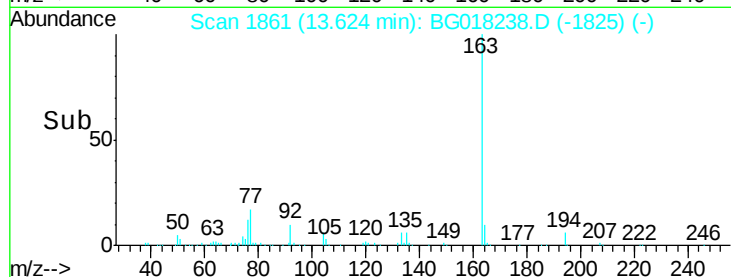
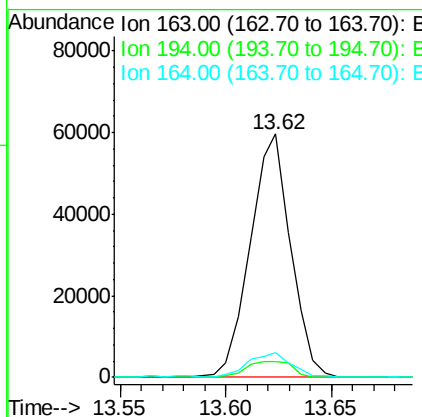
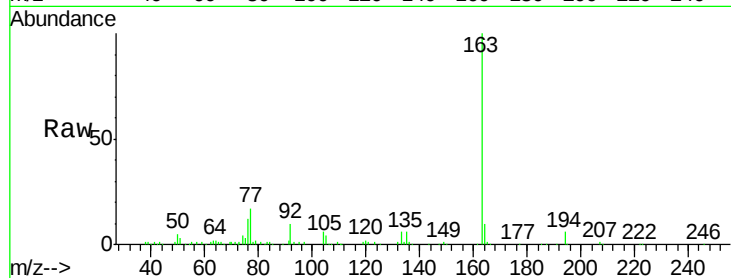




#45
Dimethylphthalate
Concen: 4.44 ng/ul
RT: 13.62 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BG018238.D
Acq: 2 Aug 2015 22:15

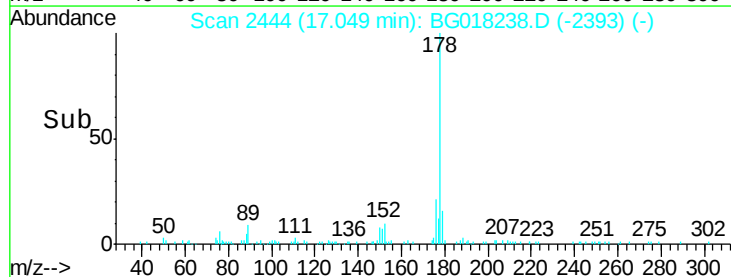
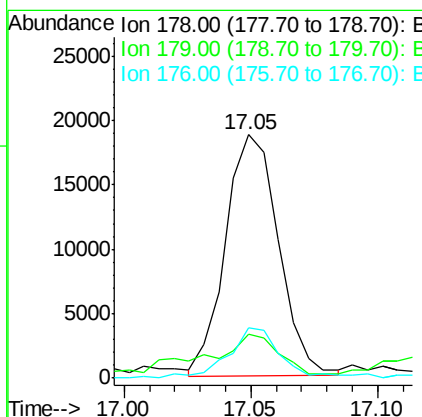
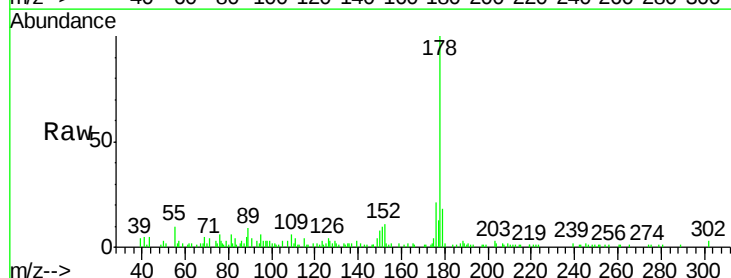
Instrument :
BNA_G
ClientSampleId :
C02G2RE

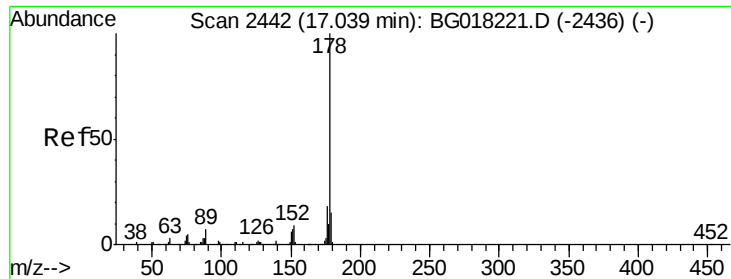
Tgt Ion:163 Resp: 79135
Ion Ratio Lower Upper
163 100
194 6.4 5.2 7.8
164 10.0 8.4 12.6



#70
Phenanthrene
Concen: 3.33 ng/ul
RT: 17.05 min Scan# 2444
Delta R.T. 0.10 min
Lab File: BG018238.D
Acq: 2 Aug 2015 22:15

Tgt Ion:178 Resp: 27187
Ion Ratio Lower Upper
178 100
179 18.0 12.8 19.2
176 20.6 16.0 24.0





#72

Anthracene

Concen: 3.19 ng/ul

RT: 17.05 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

Instrument :

BNA_G

ClientSampleId :

C02G2RE

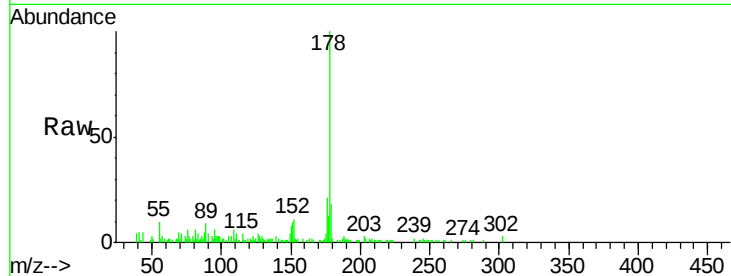
Tgt Ion:178 Resp: 25930

Ion Ratio Lower Upper

178 100

179 18.0 12.2 18.2

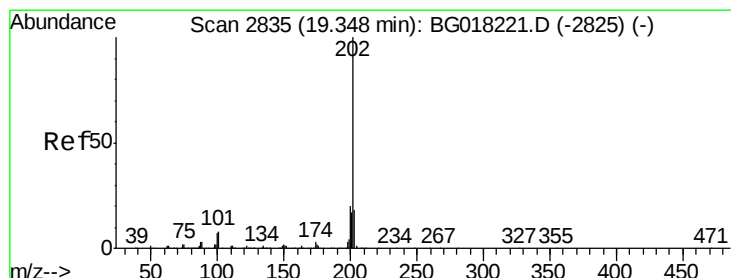
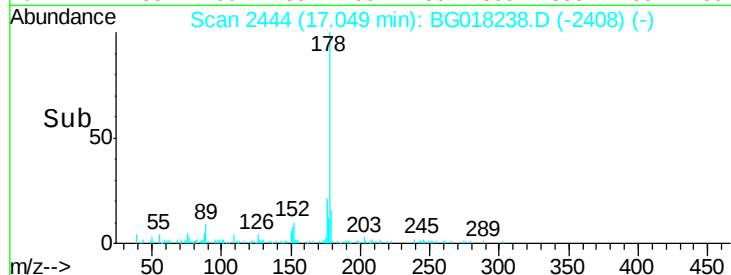
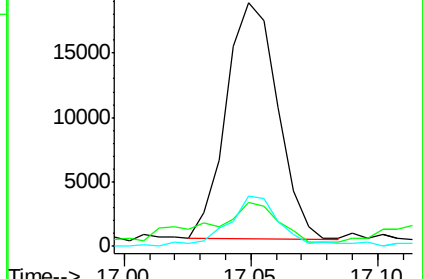
176 20.6 14.8 22.2



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



#80

Pyrene

Concen: 10.25 ng/ul

RT: 19.47 min Scan# 2856

Delta R.T. 0.12 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

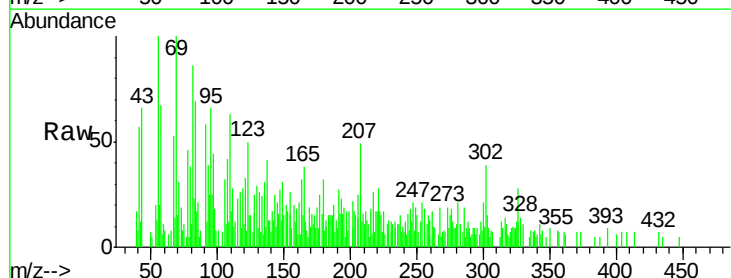
Tgt Ion:202 Resp: 266

Ion Ratio Lower Upper

202 100

101 37.9 8.1 12.1#

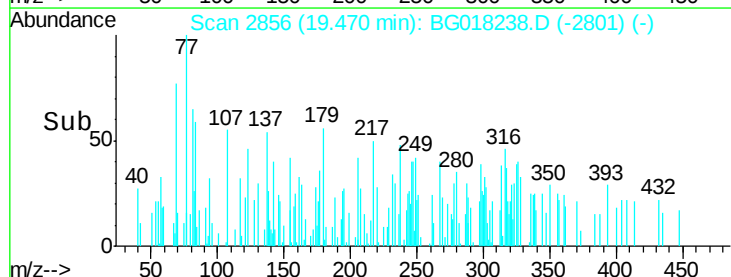
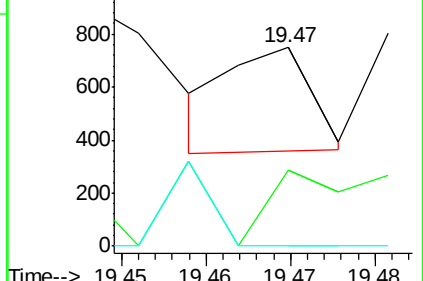
100 37.9 7.4 11.0#

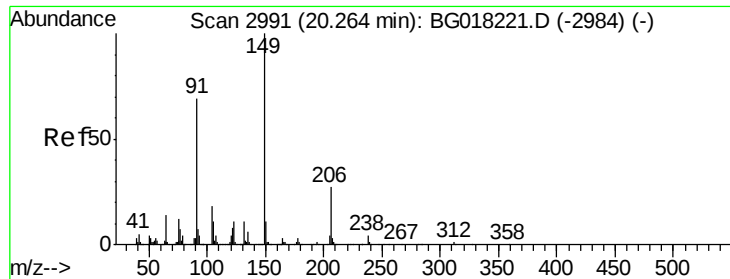


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#81

Butylbenzylphthalate

Concen: 45.99 ng/ul

RT: 20.41 min Scan# 3016

Delta R.T. 0.15 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

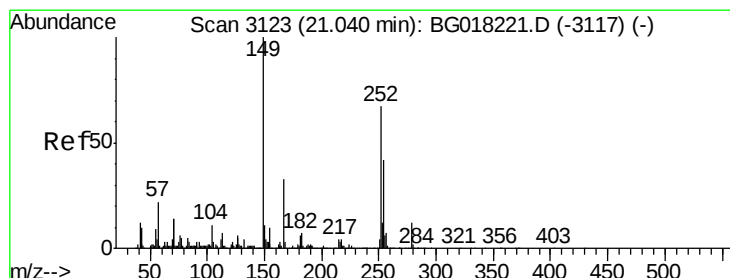
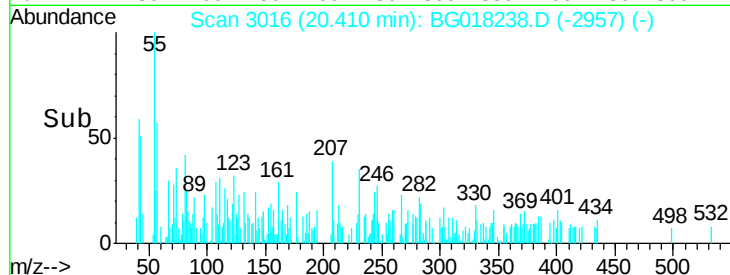
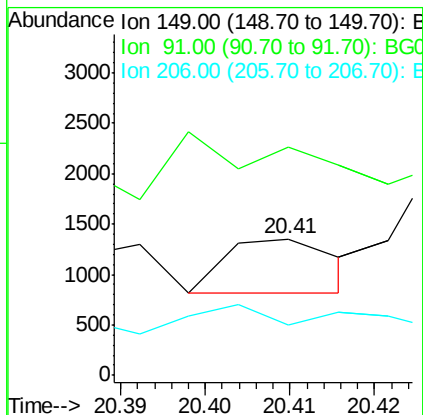
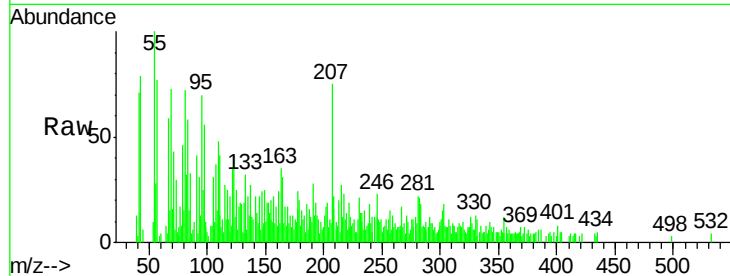
Instrument :

BNA_G

ClientSampleId :

C02G2RE

Tgt Ion:	149	Resp:	485
Ion Ratio	Lower	Upper	
149	100		
91	168.1	46.6	69.8#
206	36.9	21.8	32.8#



#82

3,3'-Dichlorobenzidine

Concen: 129.07 ng/ul

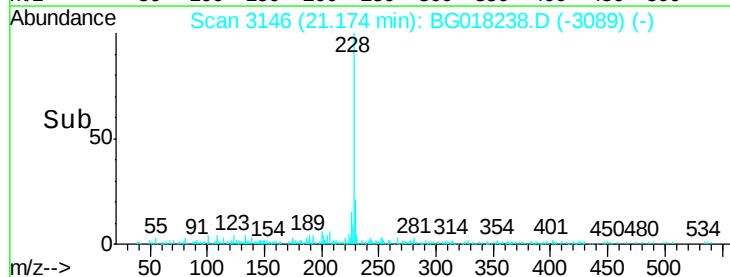
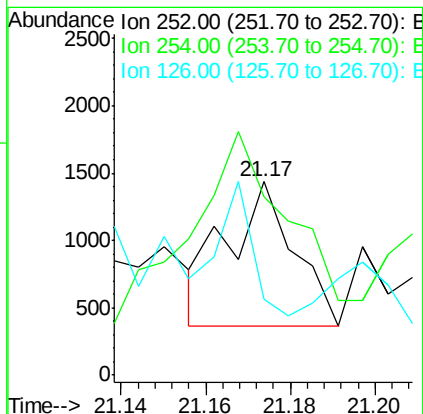
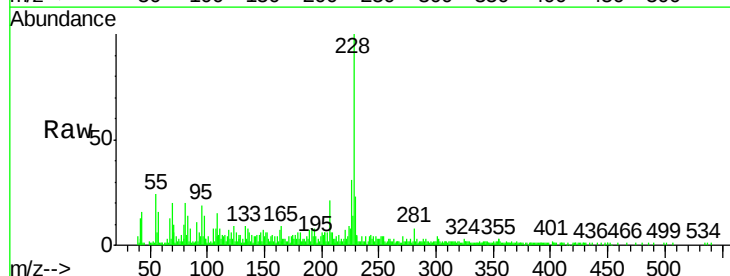
RT: 21.17 min Scan# 3146

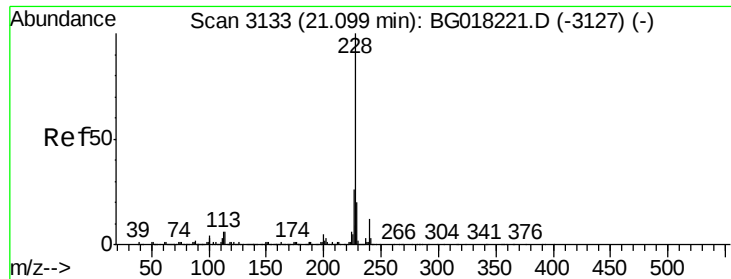
Delta R.T. 0.13 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

Tgt Ion:	252	Resp:	1165
Ion Ratio	Lower	Upper	
252	100		
254	92.3	53.4	80.0#
126	39.0	8.7	13.1#





#83

Benzo(a)anthracene

Concen: 3450.95 ng/ul

RT: 21.11 min Scan# 3136

Delta R.T. 0.02 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

Instrument :

BNA_G

ClientSampleId :

C02G2RE

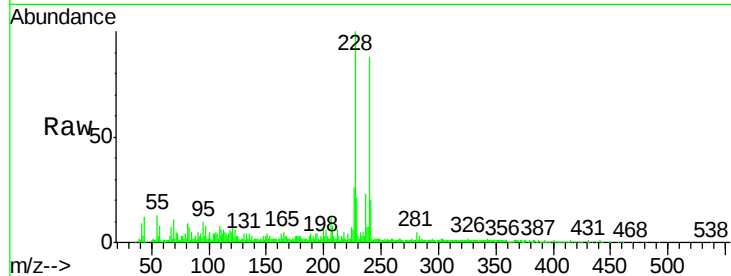
Tgt Ion:228 Resp: 79541

Ion Ratio Lower Upper

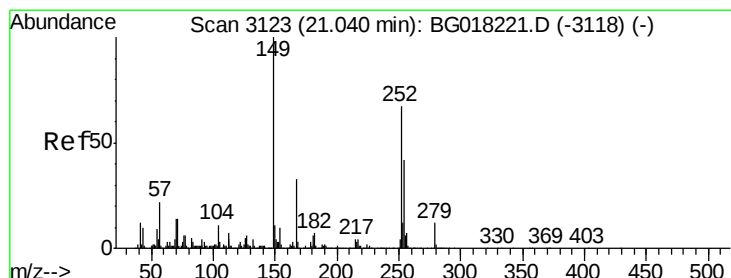
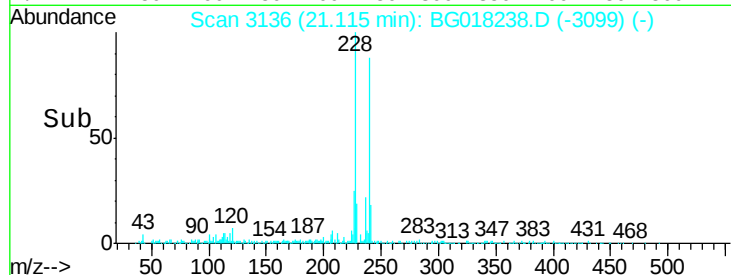
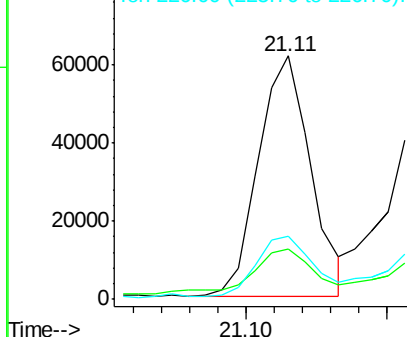
228 100

229 20.6 16.5 24.7

226 26.1 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: 1380.58 ng/ul

RT: 21.05 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

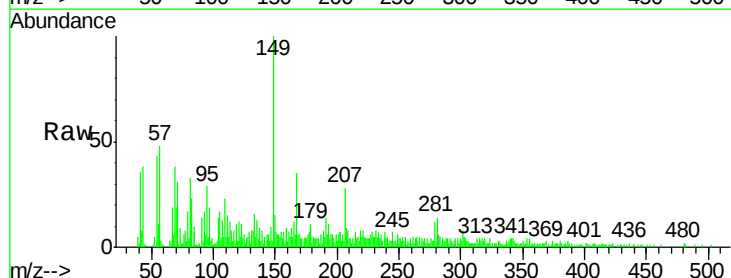
Tgt Ion:149 Resp: 19642

Ion Ratio Lower Upper

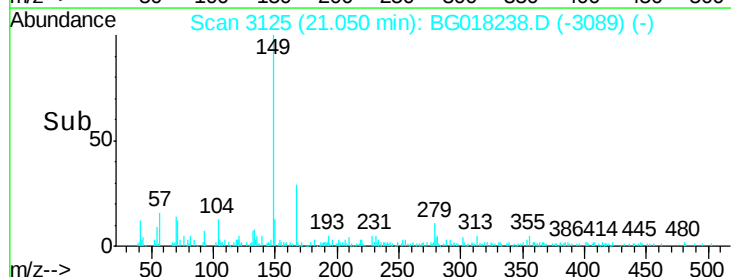
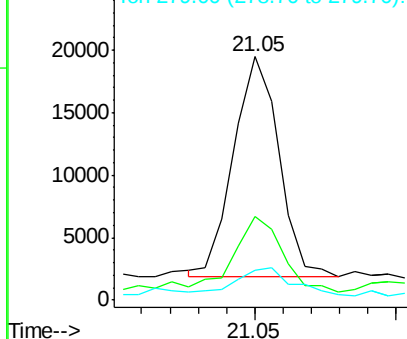
149 100

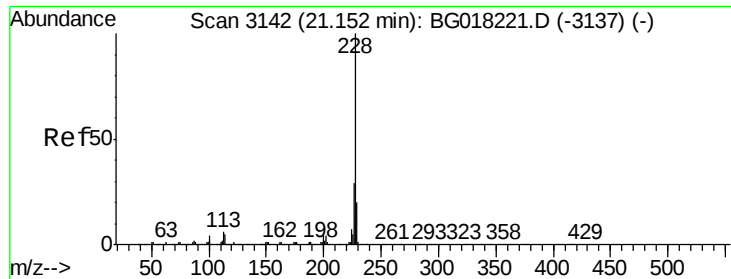
167 34.6 27.4 41.2

279 12.3 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: 2220.54 ng/ul

RT: 21.11 min Scan# 3136

Delta R.T. -0.04 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

Instrument :

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ClientSampleId :

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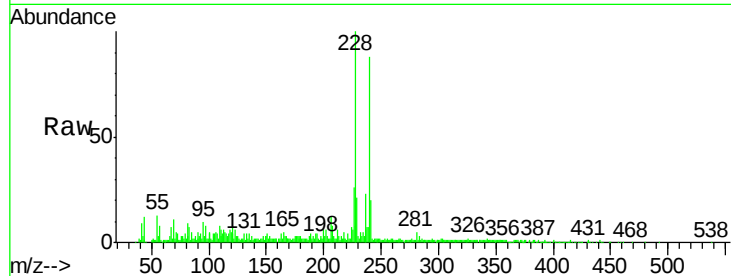
Tgt Ion:228 Resp: 46882

Ion Ratio Lower Upper

228 100

226 26.1 22.7 34.1

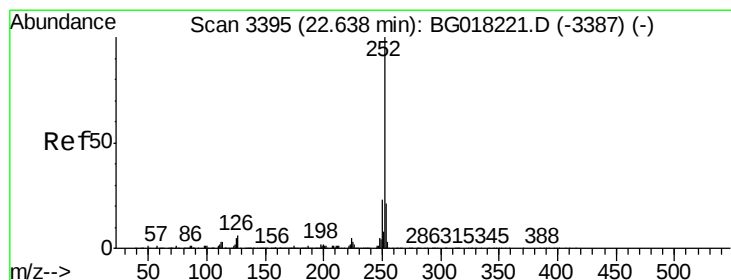
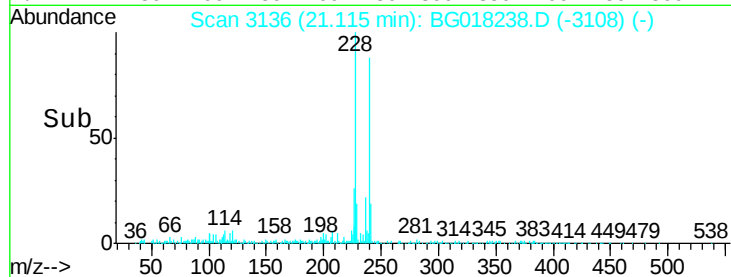
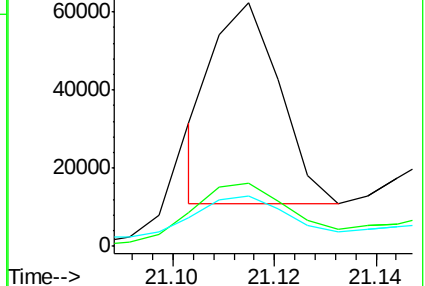
229 20.6 16.2 24.2



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: 6.84 ng/ul

RT: 22.67 min Scan# 3400

Delta R.T. 0.03 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

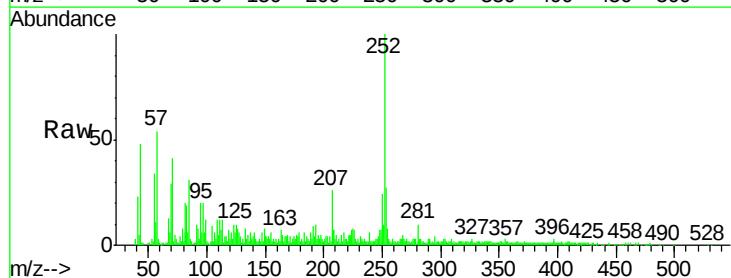
Tgt Ion:252 Resp: 109877

Ion Ratio Lower Upper

252 100

253 27.2 18.5 27.7

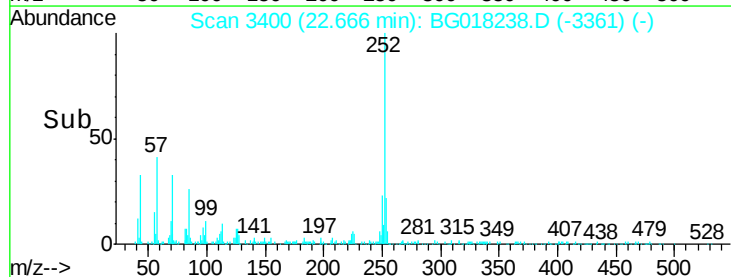
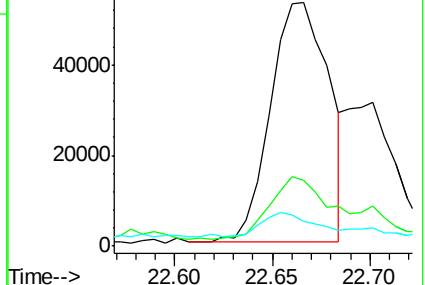
125 10.4 7.4 11.0

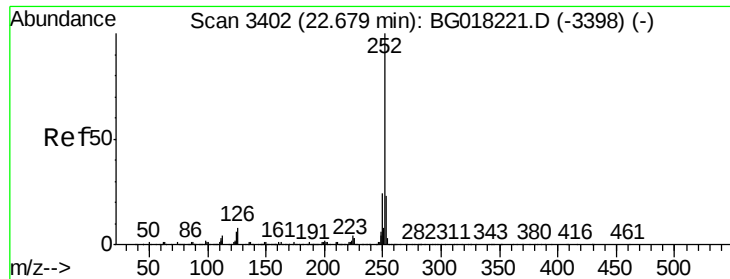


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 7.45 ng/ul

RT: 22.67 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

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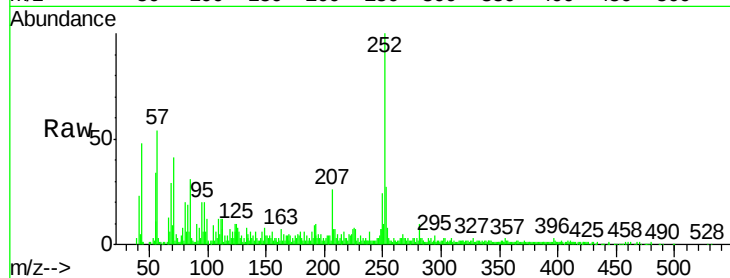
Tgt Ion:252 Resp: 109877

Ion Ratio Lower Upper

252 100

253 27.2 18.2 27.2

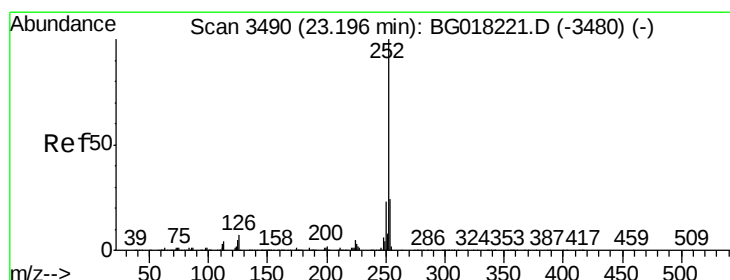
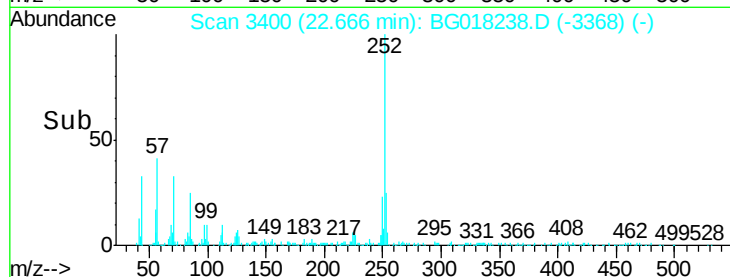
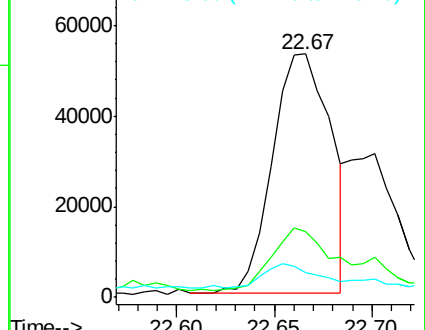
125 10.4 7.5 11.3



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: 4.88 ng/ul

RT: 23.22 min Scan# 3494

Delta R.T. 0.02 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

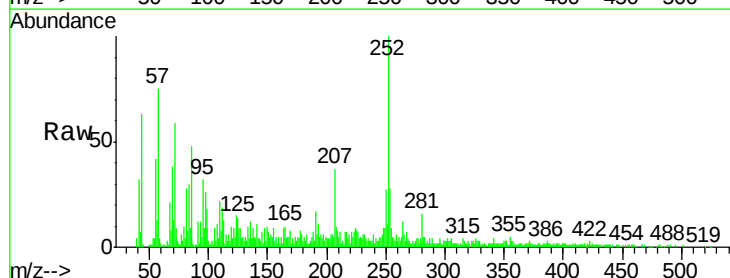
Tgt Ion:252 Resp: 70118

Ion Ratio Lower Upper

252 100

253 27.9 17.4 26.2#

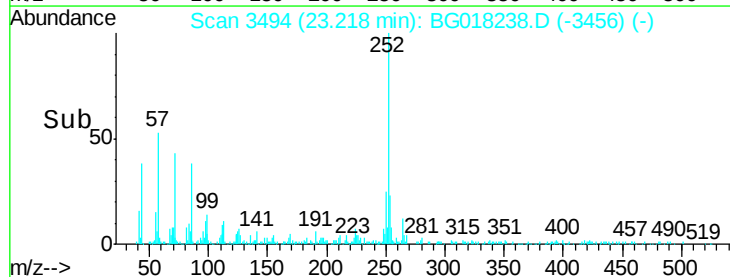
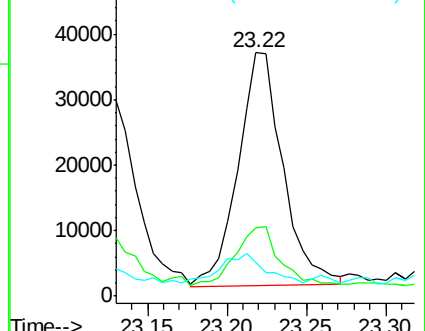
125 13.9 7.3 10.9#

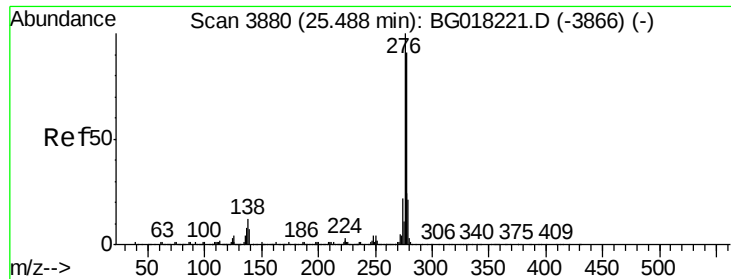


Abundance Ion 252.00 (251.70 to 252.70): E

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: 2.30 ng/ul

RT: 25.52 min Scan# 3885

Delta R.T. 0.03 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

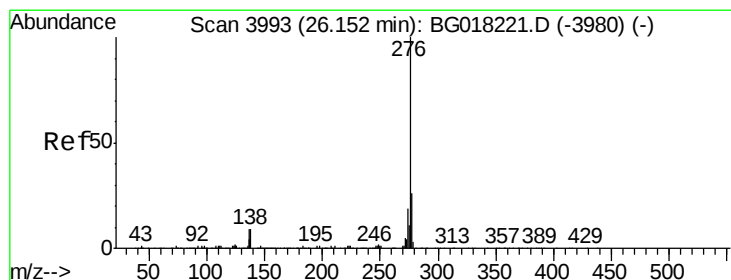
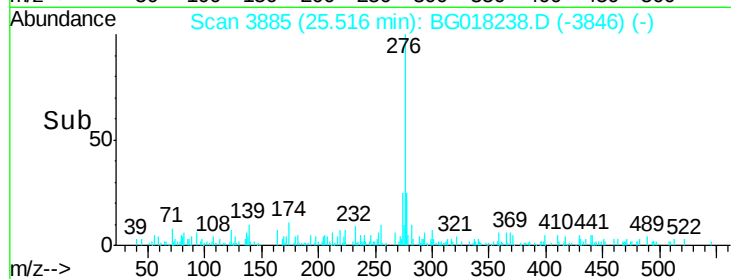
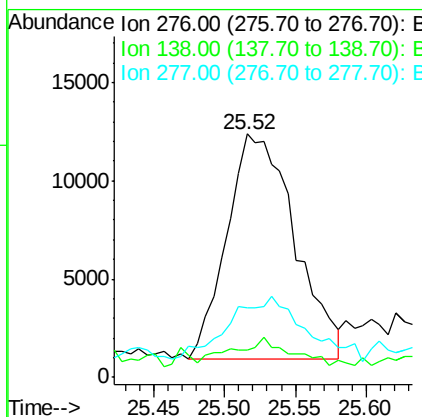
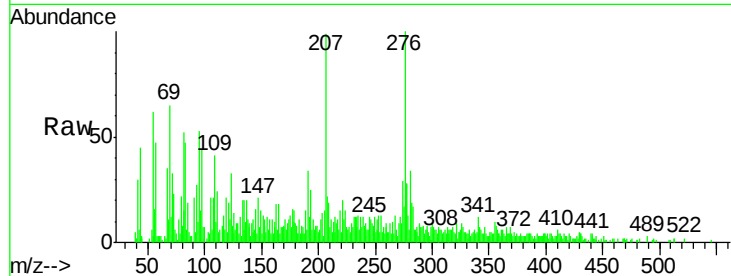
Instrument :

BNA_G

ClientSampleId :

C02G2RE

Tgt Ion:	276	Resp:	38227
Ion	Ratio	Lower	Upper
276	100		
138	18.7	17.2	25.8
277	28.4	19.5	29.3



#94

Benzo(g,h,i)perylene

Concen: 2.50 ng/ul

RT: 26.20 min Scan# 4001

Delta R.T. 0.05 min

Lab File: BG018238.D

Acq: 2 Aug 2015 22:15

Tgt Ion:	276	Resp:	33905
Ion	Ratio	Lower	Upper
276	100		
138	18.3	15.1	22.7
277	26.0	19.8	29.6

