

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080615\
 Data File : BG018302.D
 Acq On : 6 Aug 2015 13:34
 Operator : UM/TP
 Sample : G3109-20DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02F4DL

Quant Time: Aug 07 01:33:57 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 07 01:32:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	22049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	104468	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	69800	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	144855	20.00	ng/ul	-0.01
78) Chrysene-d12	21.09	240	86589	20.00	ng/ul	-0.01
86) Perylene-d12	23.26	264	88823	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.64	99	3871	2.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	2090	2.49	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	3172	2.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	2682	1.83	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	824	1.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	2335	2.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	3396	1.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	1114	0.54	ng/ul	-0.01
44) Dimethylphthalate-d6	13.53	166	14357	2.66	ng/ul	-0.01
47) Acenaphthylene-d8	13.80	160	12300	2.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	269	0.30	ng/ul	0.00
58) Fluorene-d10	15.11	176	10281	2.12	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.27	200	246	0.25	ng/ul	-0.01
71) Anthracene-d10	16.97	188	12535	1.97	ng/ul	-0.01
79) Pyrene-d10	19.29	212	10994	2.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	6243	1.35	ng/ul	-0.02

Target Compounds

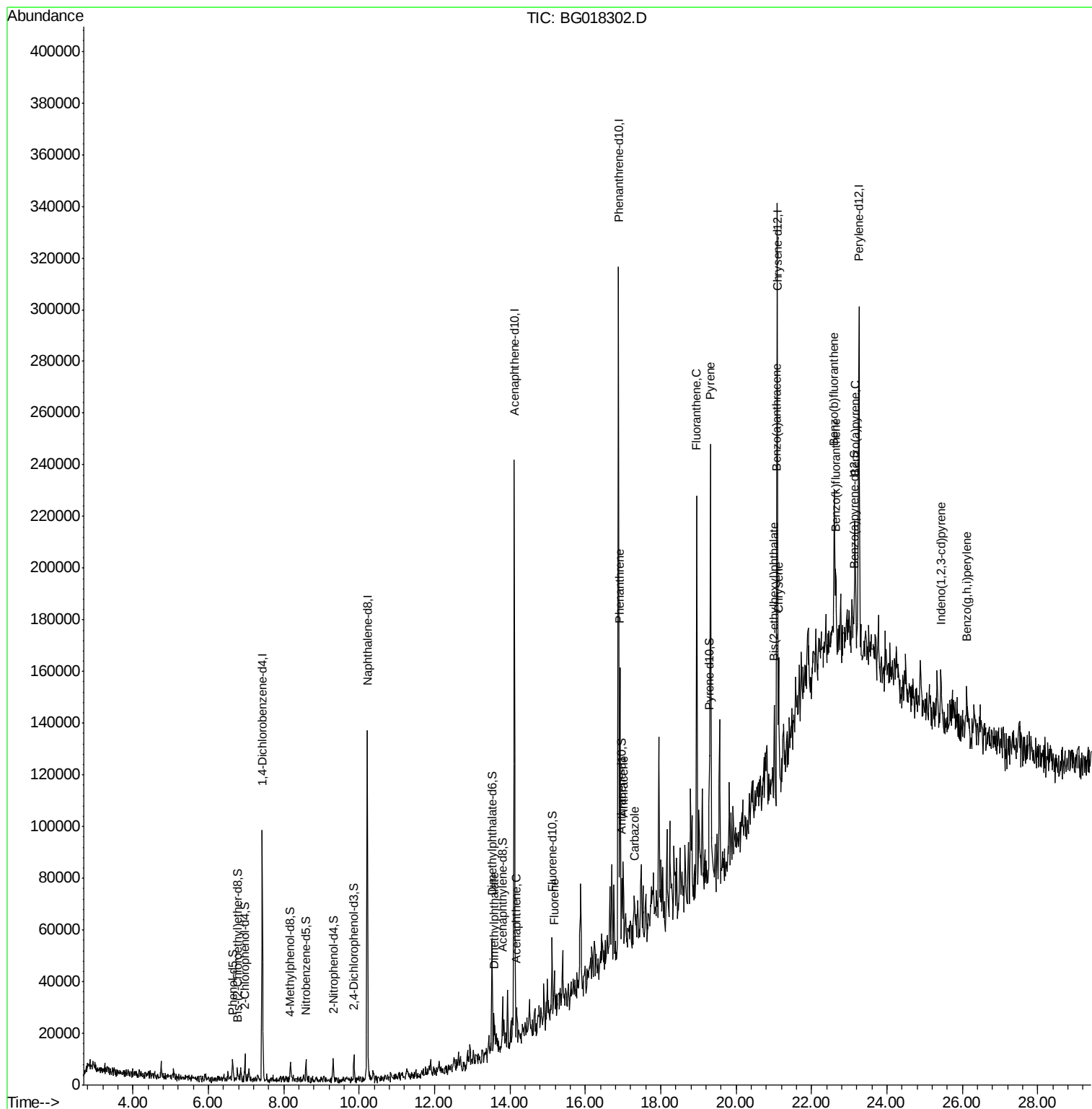
						Qvalue
45) Dimethylphthalate	13.58	163	7311	1.36	ng/ul#	86
50) Acenaphthene	14.17	153	4697	1.15	ng/ul#	82
59) Fluorene	15.17	166	6315	1.20	ng/ul#	91
70) Phenanthrene	16.92	178	62321	8.53	ng/ul	96
72) Anthracene	17.01	178	18493	2.53	ng/ul	99
75) Carbazole	17.29	167	6804	1.11	ng/ul	96
77) Fluoranthene	18.95	202	84872	10.47	ng/ul#	94
80) Pyrene	19.32	202	73928	12.28	ng/ul#	95
83) Benzo(a)anthracene	21.07	228	26433	5.78	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.01	149	13794	4.91	ng/ul#	95
85) Chrysene	21.13	228	24548	5.98	ng/ul	96
88) Benzo(b)fluoranthene	22.61	252	32809	6.02	ng/ul#	96
89) Benzo(k)fluoranthene	22.65	252	8867	1.70	ng/ul#	88
91) Benzo(a)pyrene	23.16	252	20846	4.38	ng/ul#	88
92) Indeno(1,2,3-cd)pyrene	25.43	276	8032	1.36	ng/ul#	78
94) Benzo(g,h,i)perylene	26.11	276	13649	2.86	ng/ul#	90

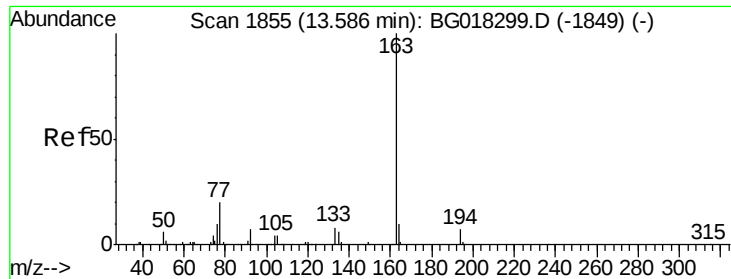
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 07 01:33:57 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 01:32:43 2015
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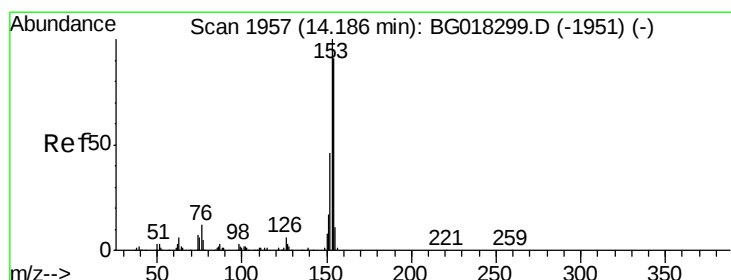
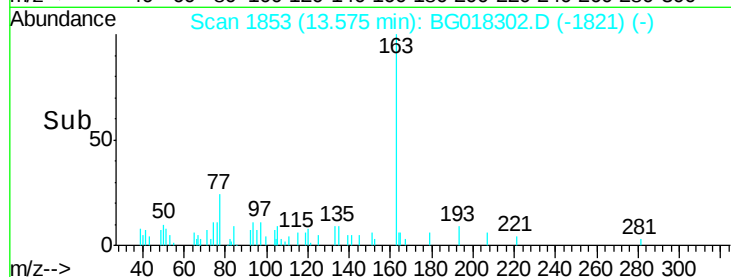
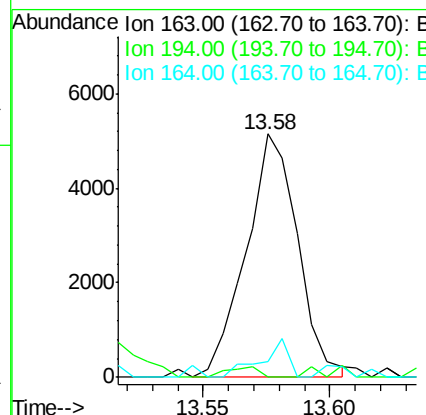
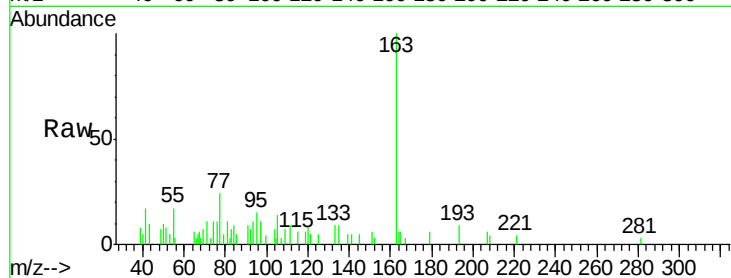




#45
Dimethylphthalate
Concen: 1.36 ng/ul
RT: 13.58 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG018302.D
Acq: 6 Aug 2015 13:34

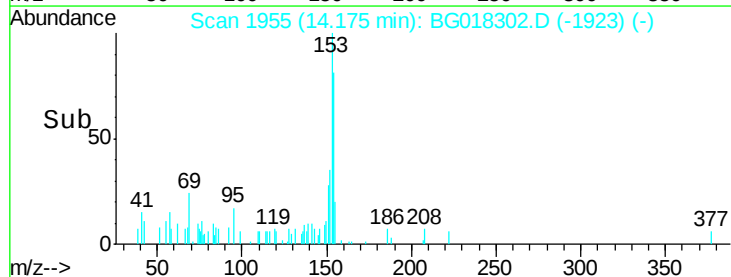
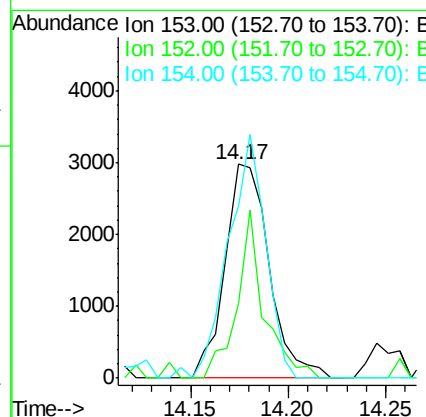
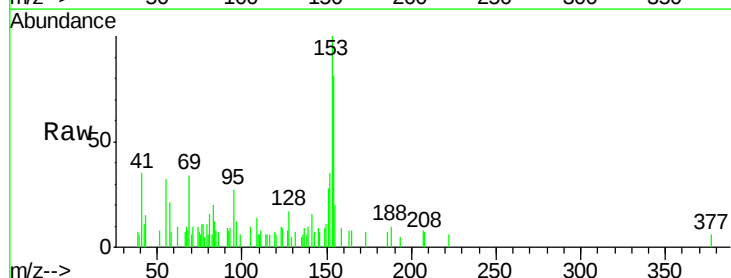
Instrument :
BNA_G
ClientSampleId :
C02F4DL

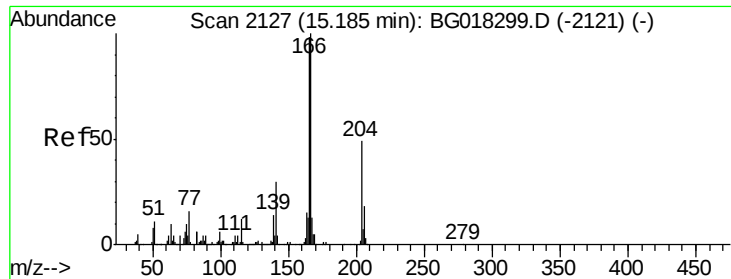
Tgt Ion:163 Resp: 7311
Ion Ratio Lower Upper
163 100
194 0.0 5.4 8.2#
164 6.4 7.8 11.8#



#50
Acenaphthene
Concen: 1.15 ng/ul
RT: 14.17 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG018302.D
Acq: 6 Aug 2015 13:34

Tgt Ion:153 Resp: 4697
Ion Ratio Lower Upper
153 100
152 35.1 39.0 58.4#
154 80.6 77.4 116.2





#59

Fluorene

Concen: 1.20 ng/ul

RT: 15.17 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

Instrument :

BNA_G

ClientSampleId :

C02F4DL

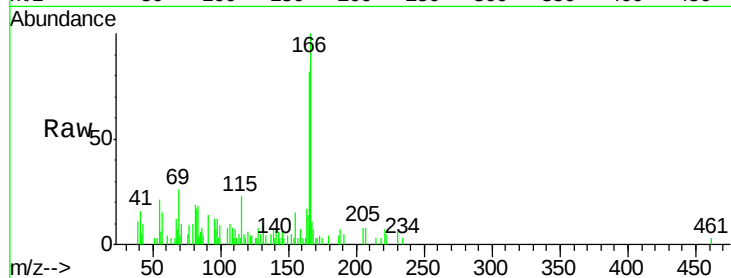
Tgt Ion:166 Resp: 6315

Ion Ratio Lower Upper

166 100

165 81.6 72.4 108.6

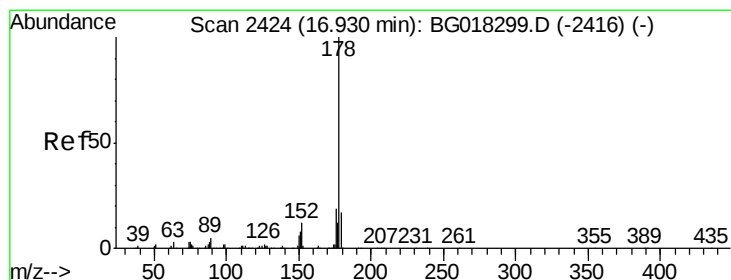
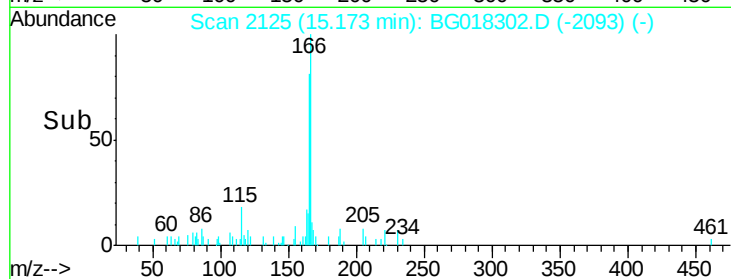
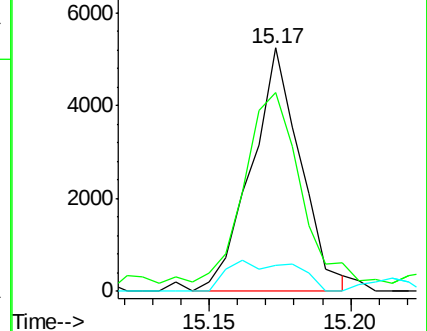
167 10.6 11.4 17.0#



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: 8.53 ng/ul

RT: 16.92 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

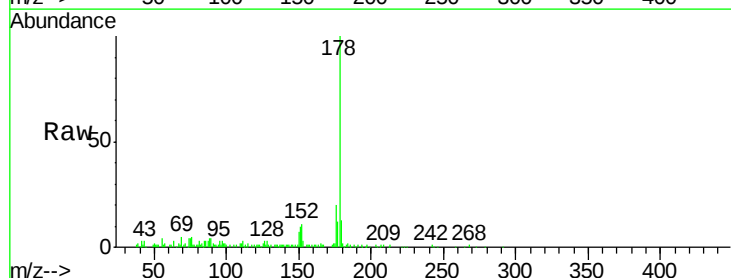
Tgt Ion:178 Resp: 62321

Ion Ratio Lower Upper

178 100

179 12.9 12.2 18.4

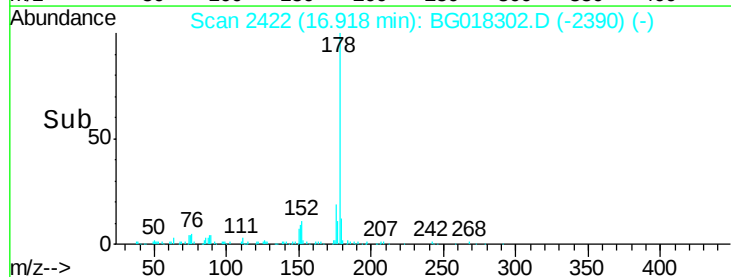
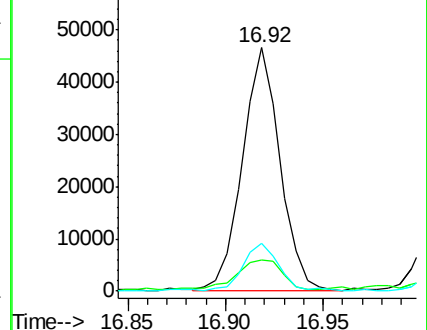
176 19.6 14.5 21.7

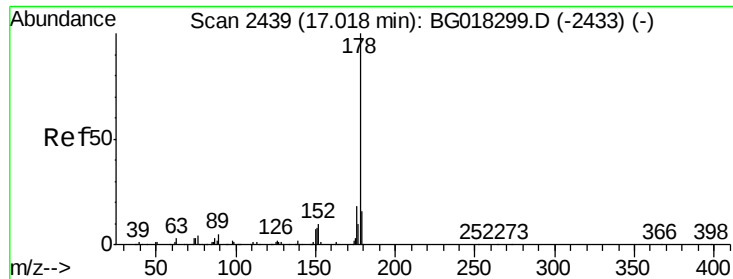


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 2.53 ng/ul

RT: 17.01 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

Instrument :

BNA_G

ClientSampleId :

C02F4DL

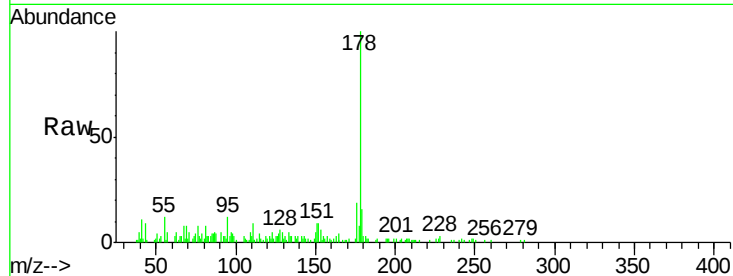
Tgt Ion:178 Resp: 18493

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

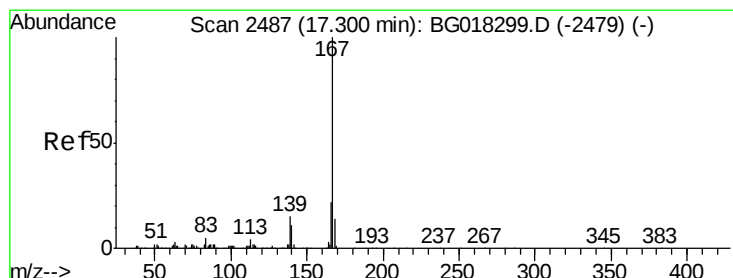
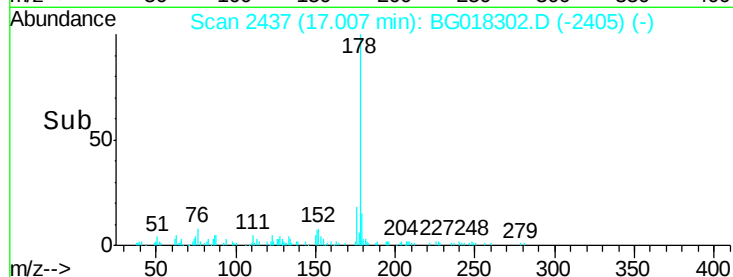
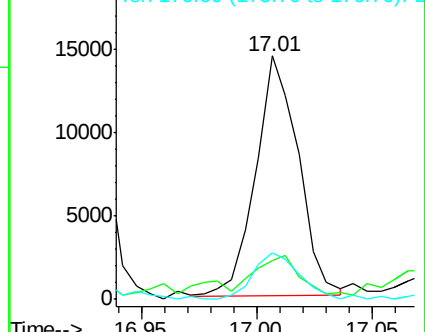
176 19.1 15.3 22.9



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



#75

Carbazole

Concen: 1.11 ng/ul

RT: 17.29 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

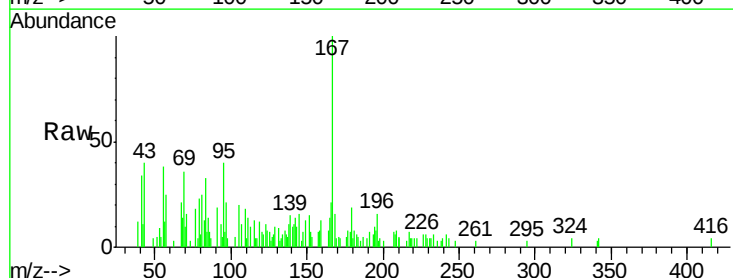
Tgt Ion:167 Resp: 6804

Ion Ratio Lower Upper

167 100

166 20.9 17.8 26.8

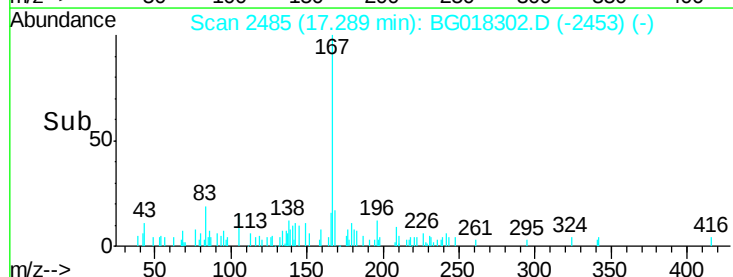
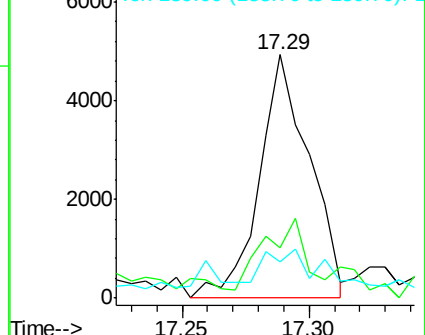
139 15.1 10.6 16.0

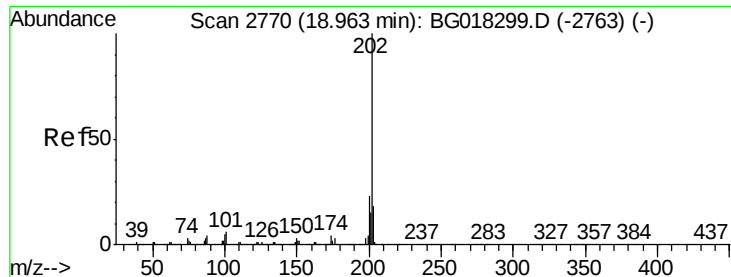


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 10.47 ng/ul

RT: 18.95 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

Instrument :

BNA_G

ClientSampleId :

C02F4DL

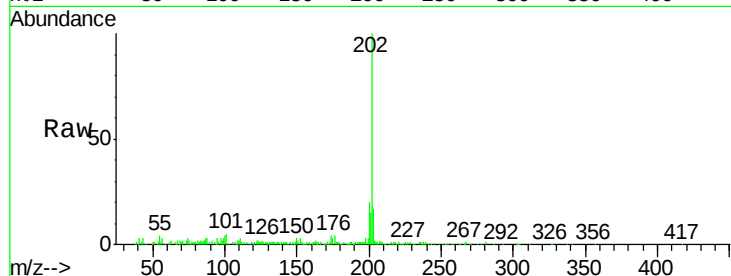
Tgt Ion:202 Resp: 84872

Ion Ratio Lower Upper

202 100

101 5.1 6.2 9.2#

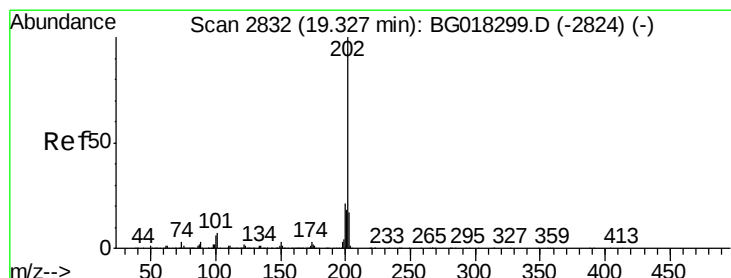
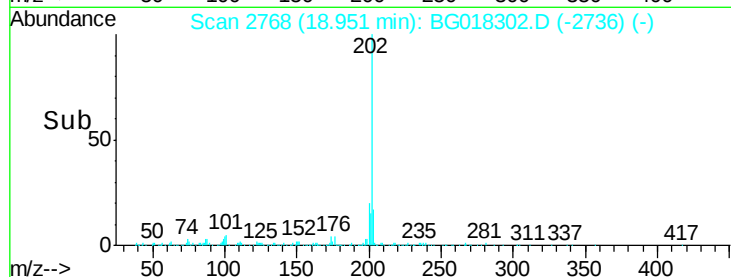
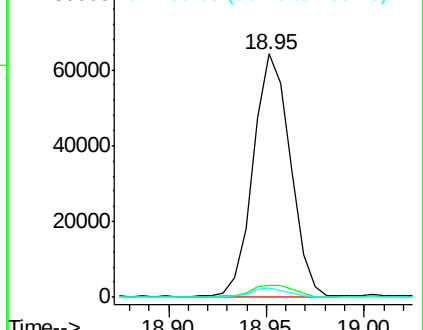
100 4.0 4.6 6.8#



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



#80

Pyrene

Concen: 12.28 ng/ul

RT: 19.32 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

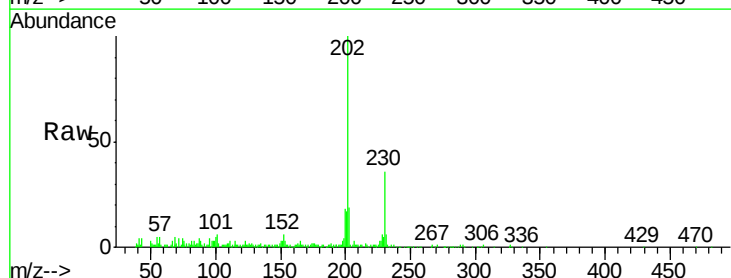
Tgt Ion:202 Resp: 73928

Ion Ratio Lower Upper

202 100

101 5.6 6.2 9.2#

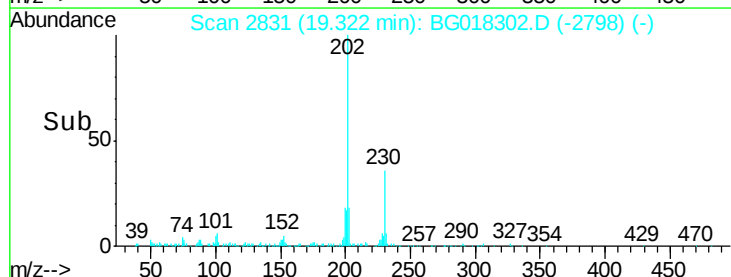
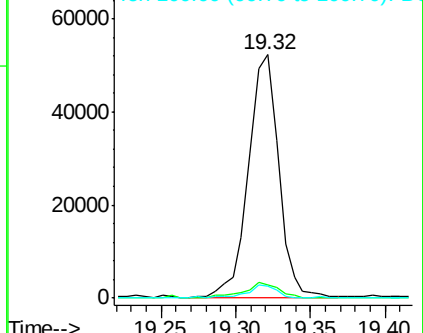
100 5.0 4.6 7.0

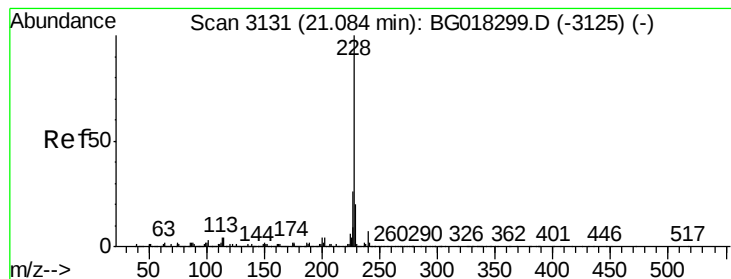


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 5.78 ng/ul

RT: 21.07 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

Instrument :

BNA_G

ClientSampleId :

C02F4DL

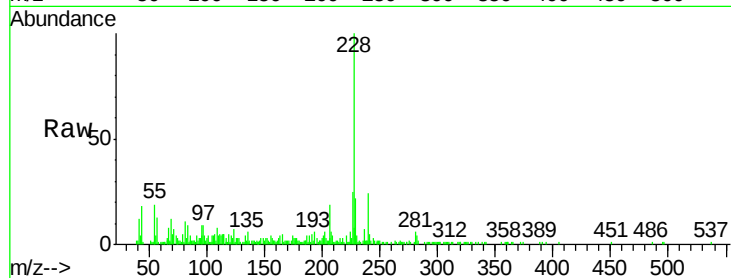
Tgt Ion:228 Resp: 26433

Ion Ratio Lower Upper

228 100

229 21.7 16.3 24.5

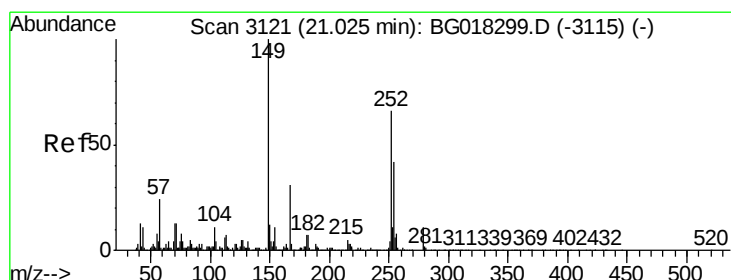
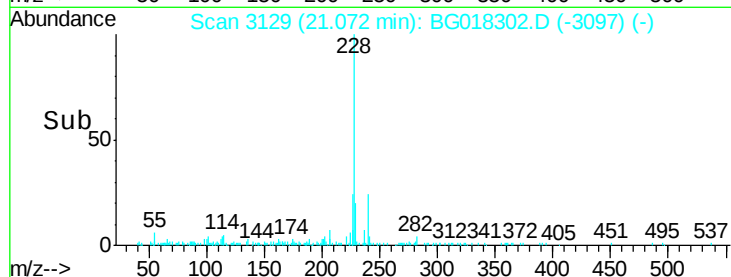
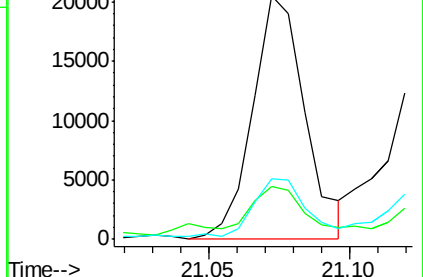
226 25.0 21.2 31.8



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: 4.91 ng/ul

RT: 21.01 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

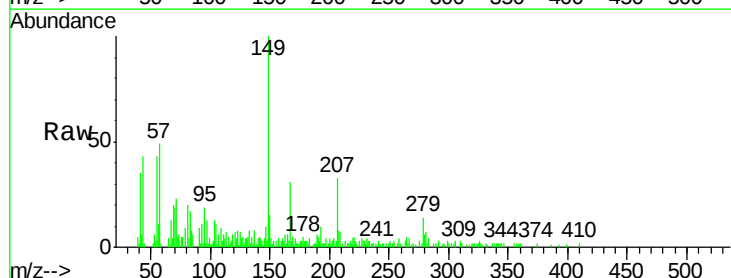
Tgt Ion:149 Resp: 13794

Ion Ratio Lower Upper

149 100

167 30.6 26.4 39.6

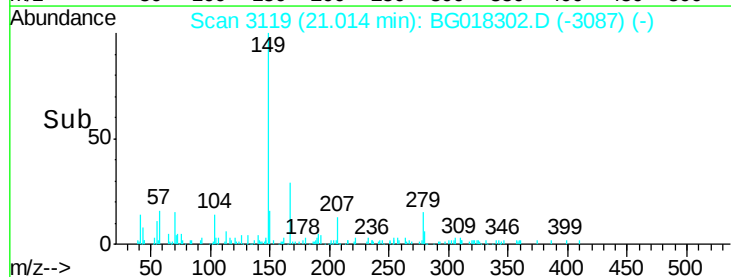
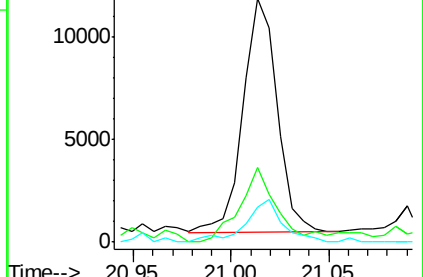
279 14.2 8.6 12.8#

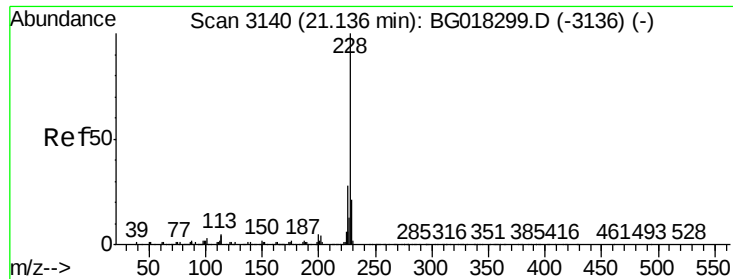


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 5.98 ng/ul

RT: 21.13 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

Instrument :

BNA_G

ClientSampled :

C02F4DL

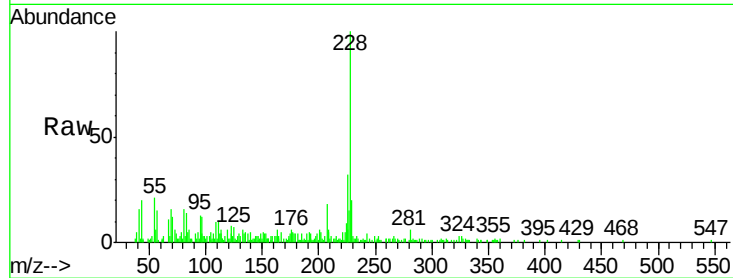
Tgt Ion:228 Resp: 24548

Ion Ratio Lower Upper

228 100

226 31.6 23.0 34.6

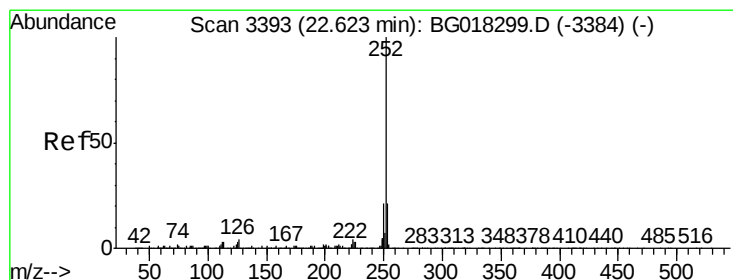
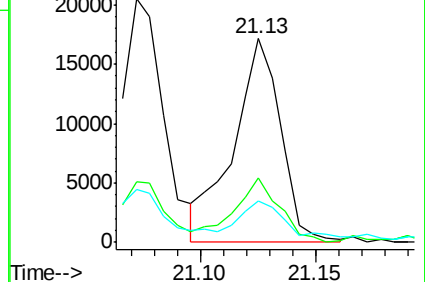
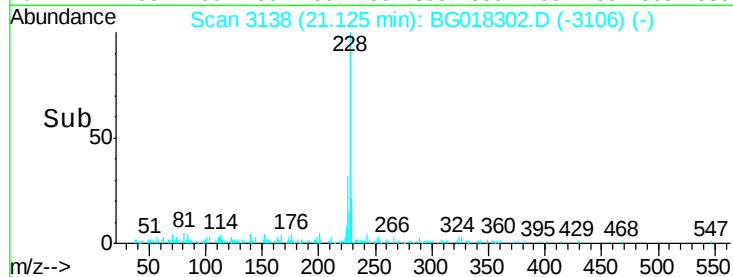
229 20.5 15.9 23.9



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: 6.02 ng/ul

RT: 22.61 min Scan# 3391

Delta R.T. -0.01 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

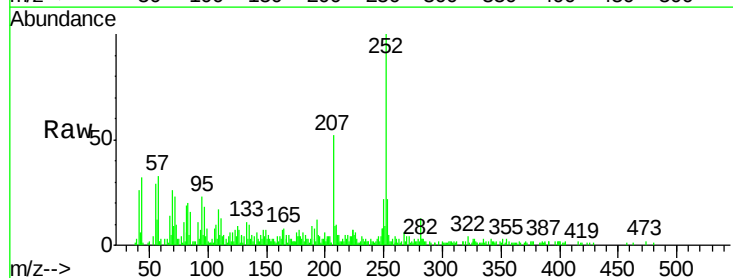
Tgt Ion:252 Resp: 32809

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

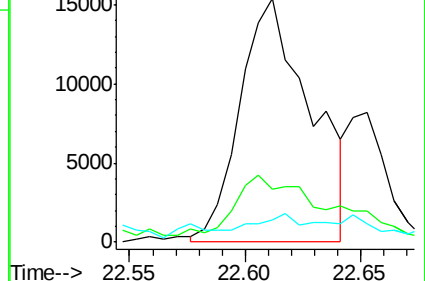
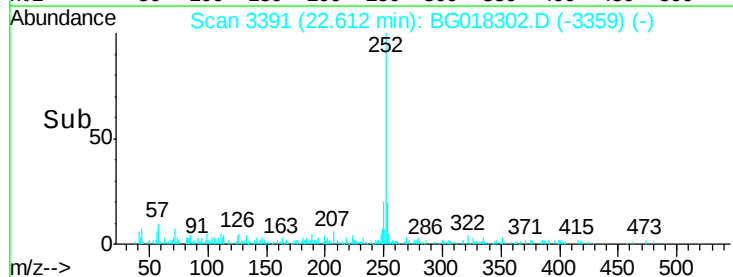
125 9.1 3.1 4.7#

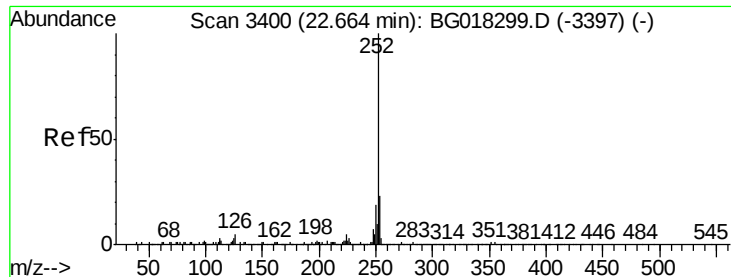


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.70 ng/ul

RT: 22.65 min Scan# 3398

Delta R.T. -0.01 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

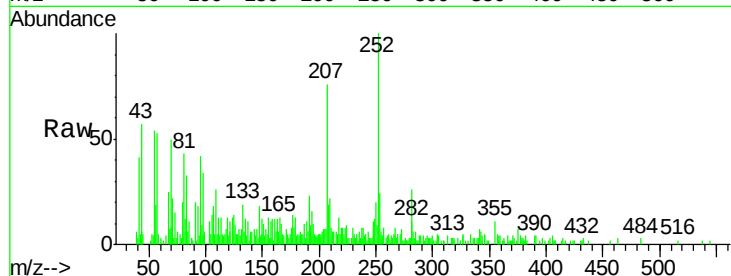
Instrument :

BNA_G

ClientSampleId :

C02F4DL

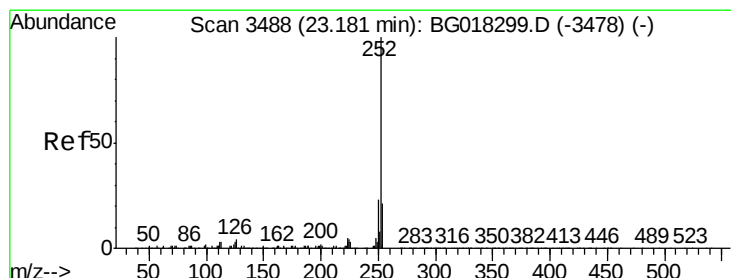
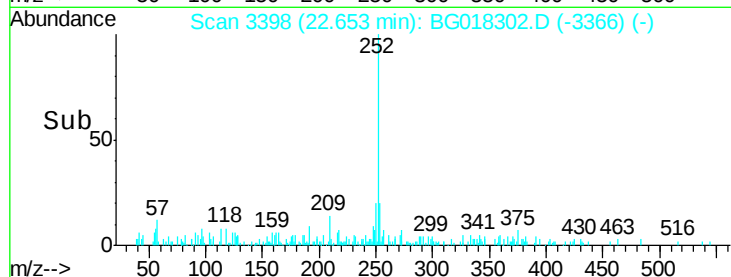
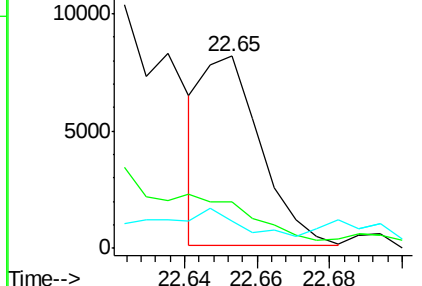
Tgt Ion:	252	Resp:	8867
Ion Ratio	Lower	Upper	
252	100		
253	24.3	16.4	24.6
125	14.2	3.4	5.2#



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: 4.38 ng/ul

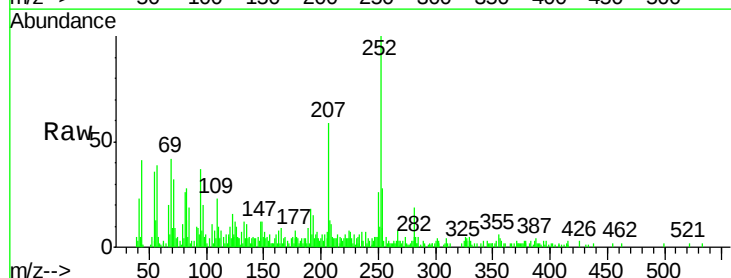
RT: 23.16 min Scan# 3484

Delta R.T. -0.02 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

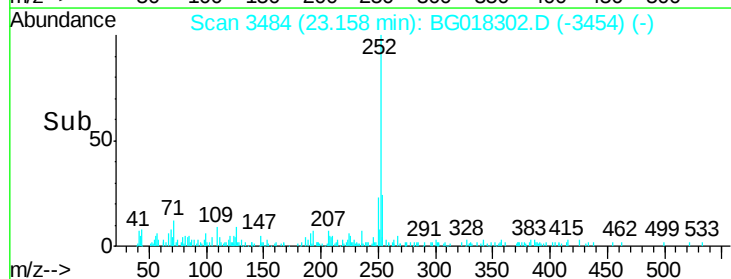
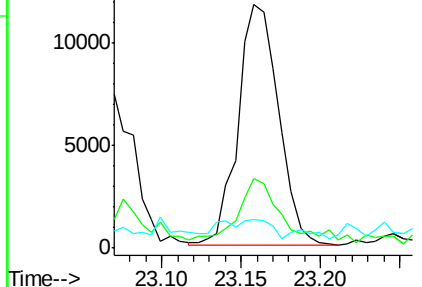
Tgt Ion:	252	Resp:	20846
Ion Ratio	Lower	Upper	
252	100		
253	28.4	18.9	28.3#
125	11.8	3.2	4.8#

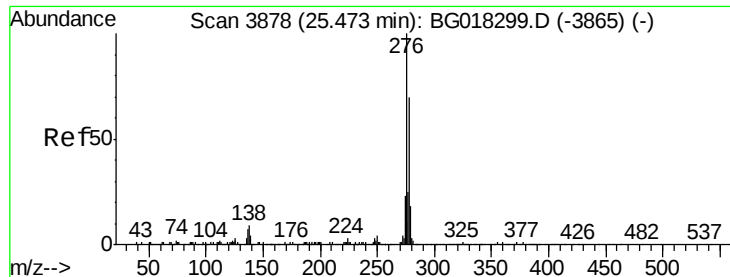


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.36 ng/ul

RT: 25.43 min Scan# 3870

Delta R.T. -0.05 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

Instrument :

BNA_G

ClientSampleId :

C02F4DL

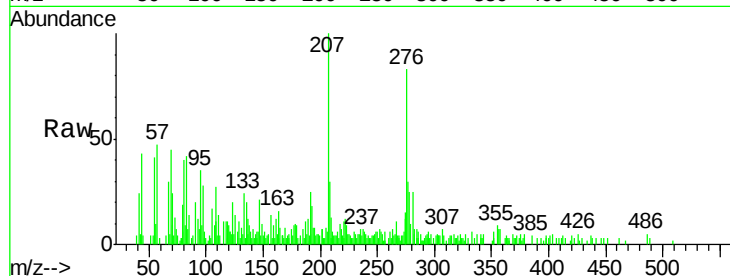
Tgt Ion:276 Resp: 8032

Ion Ratio Lower Upper

276 100

138 18.9 8.2 12.4#

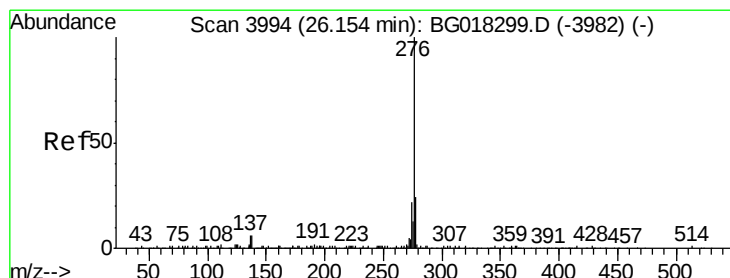
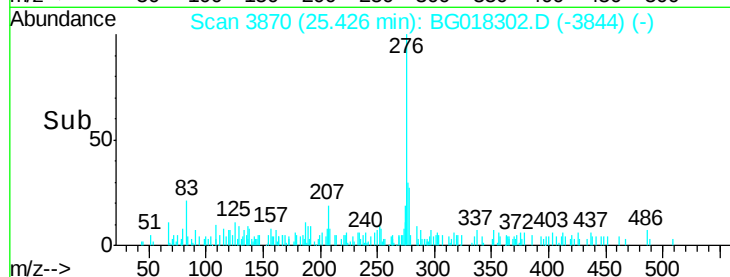
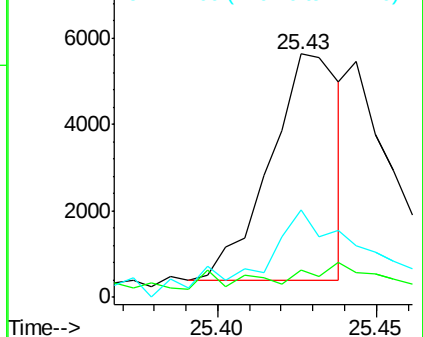
277 35.8 20.1 30.1#



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



#94

Benzo(g,h,i)perylene

Concen: 2.86 ng/ul

RT: 26.11 min Scan# 3987

Delta R.T. -0.04 min

Lab File: BG018302.D

Acq: 6 Aug 2015 13:34

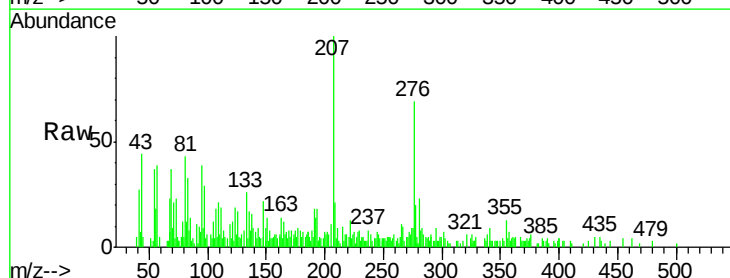
Tgt Ion:276 Resp: 13649

Ion Ratio Lower Upper

276 100

138 0.0 6.0 9.0#

277 29.6 21.1 31.7



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

