

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
 Data File : BG019491.D
 Acq On : 5 Nov 2015 14:11
 Operator : UM/NP
 Sample : G4273-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP0

Quant Time: Nov 06 02:15:06 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	39046	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	164837	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	128655	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	356740	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	462700	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	439959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	2310	2.83	ng/uL	0.00
5) Phenol-d5	7.33	99	60852	16.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	43324	19.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	39869	17.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	49081	17.19	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	21450	17.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	24569	17.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	50669	16.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	56272	17.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	197828	18.65	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	208935	17.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	28575	16.96	ng/ul	0.00
58) Fluorene-d10	15.79	176	168706	17.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	34817	15.08	ng/ul	0.00
71) Anthracene-d10	17.65	188	293495	18.05	ng/ul	0.00
79) Pyrene-d10	19.92	212	354757	17.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	394774	17.88	ng/ul	0.00

Target Compounds

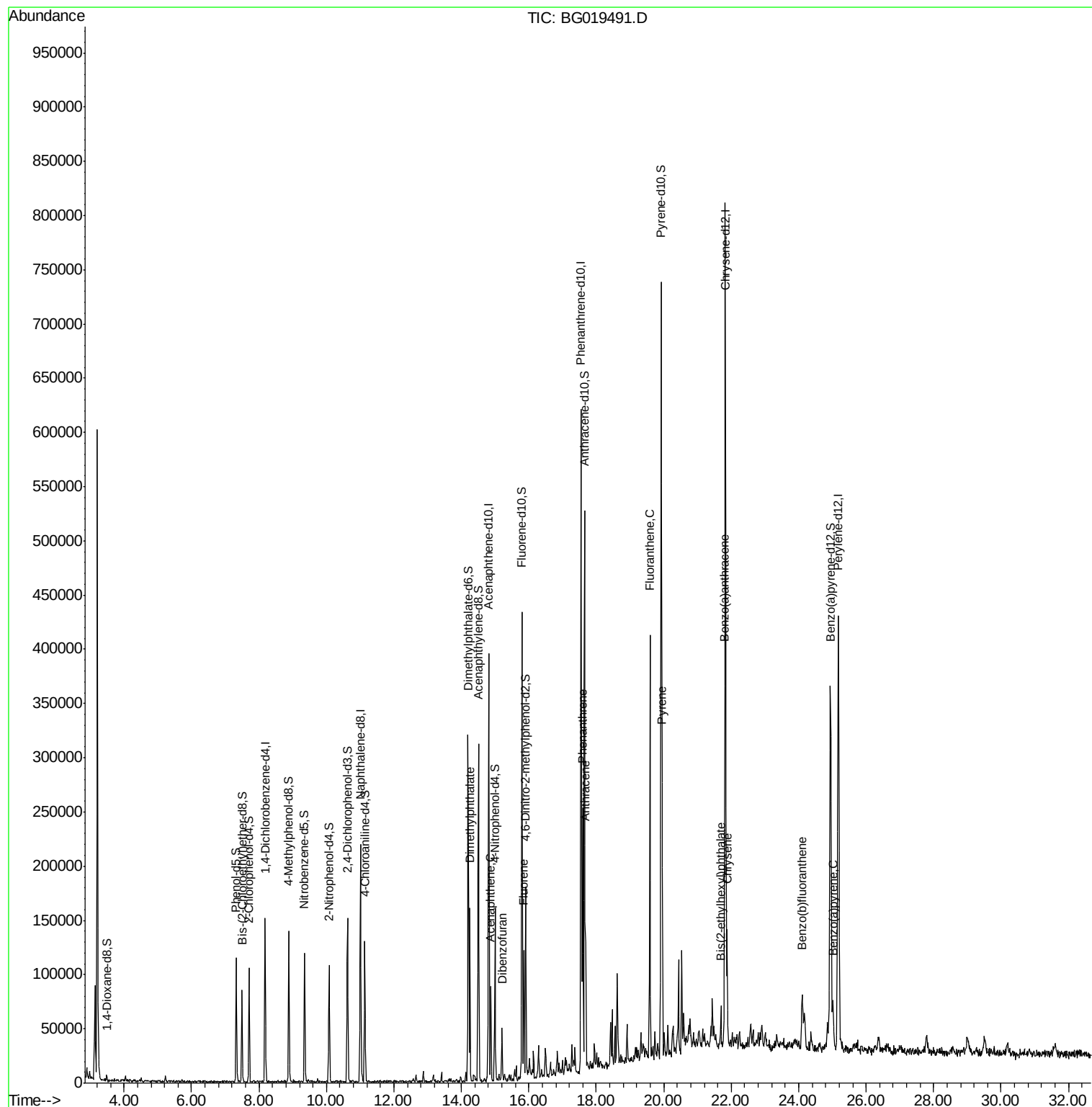
						Qvalue
45) Dimethylphthalate	14.25	163	87860	8.10	ng/ul	97
50) Acenaphthene	14.87	153	35024	4.31	ng/ul	95
54) Dibenzofuran	15.21	168	23701	1.98	ng/ul	93
59) Fluorene	15.85	166	46370	4.44	ng/ul#	96
70) Phenanthrene	17.59	178	142184	7.90	ng/ul	96
72) Anthracene	17.68	178	117798	6.42	ng/ul	99
77) Fluoranthene	19.59	202	241497	10.36	ng/ul#	93
80) Pyrene	19.95	202	171803	6.62	ng/ul#	93
83) Benzo(a)anthracene	21.80	228	90874	3.37	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	12212	1.02	ng/ul#	88
85) Chrysene	21.87	228	73733	2.92	ng/ul	98
88) Benzo(b)fluoranthene	24.10	252	31312	1.21	ng/ul#	97
91) Benzo(a)pyrene	25.01	252	51394	2.06	ng/ul#	96

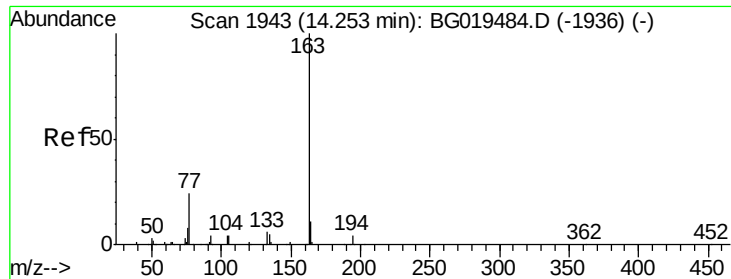
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110515\
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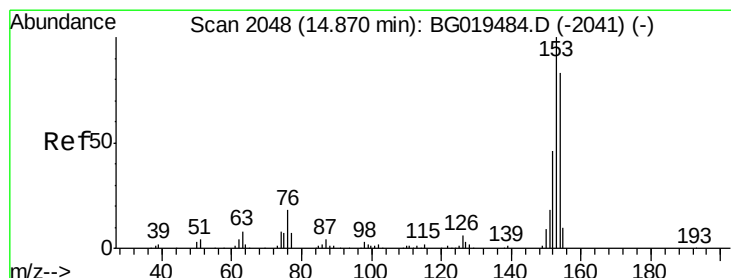
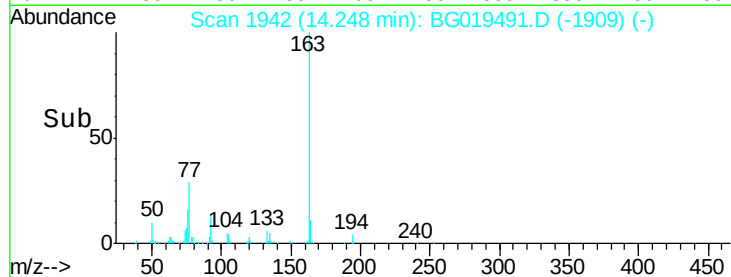
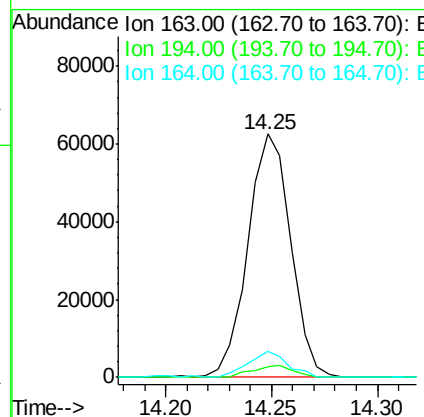
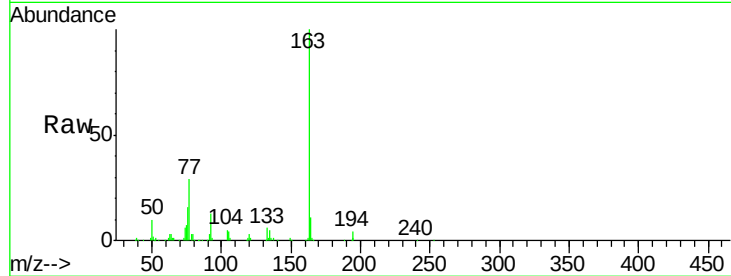




#45
Dimethylphthalate
Concen: 8.10 ng/ul
RT: 14.25 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG019491.D
Acq: 5 Nov 2015 14:11

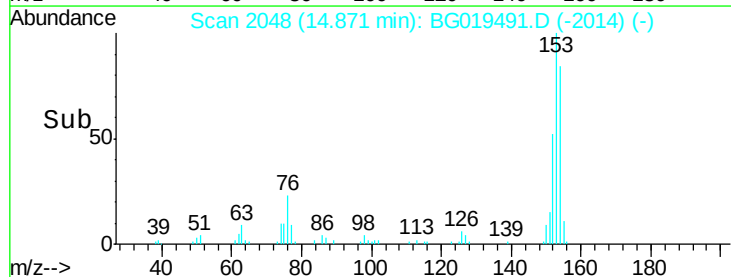
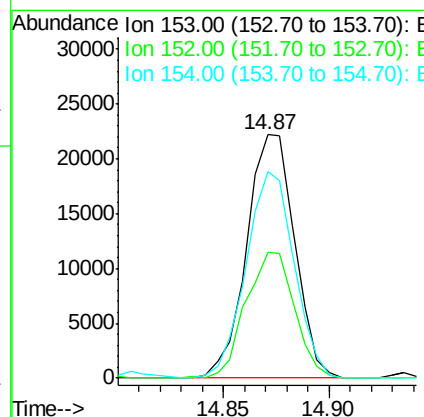
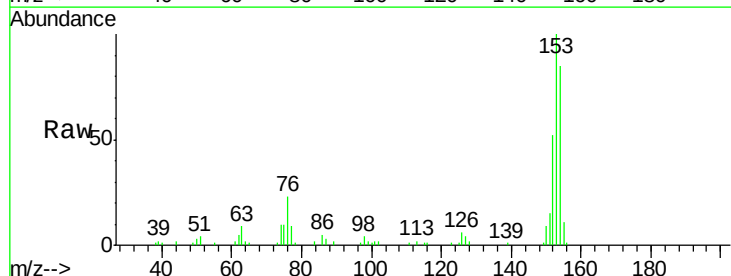
Instrument :
BNA_G
ClientSampleId :
C0AP0

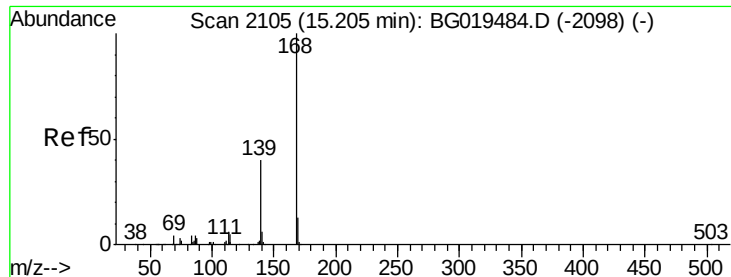
Tgt Ion:163 Resp: 87860
Ion Ratio Lower Upper
163 100
194 4.5 4.3 6.5
164 10.5 7.5 11.3



#50
Acenaphthene
Concen: 4.31 ng/ul
RT: 14.87 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BG019491.D
Acq: 5 Nov 2015 14:11

Tgt Ion:153 Resp: 35024
Ion Ratio Lower Upper
153 100
152 51.7 38.8 58.2
154 84.9 71.5 107.3





#54

Dibenzo(f,h)quinoxaline

Concen: 1.98 ng/ul

RT: 15.21 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

Instrument :

BNA_G

ClientSampleId :

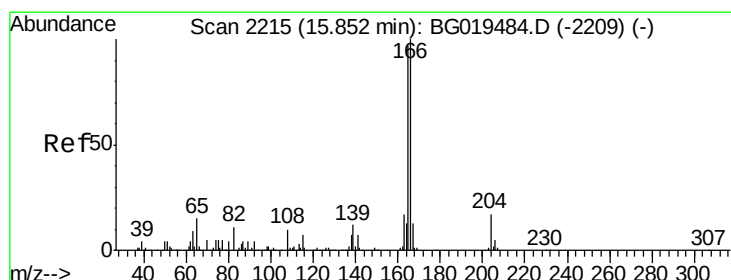
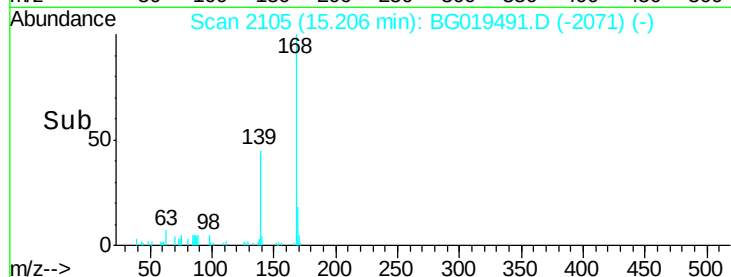
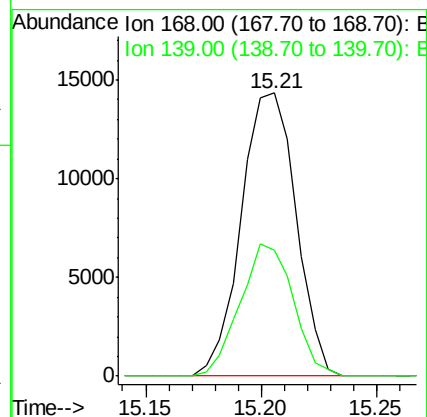
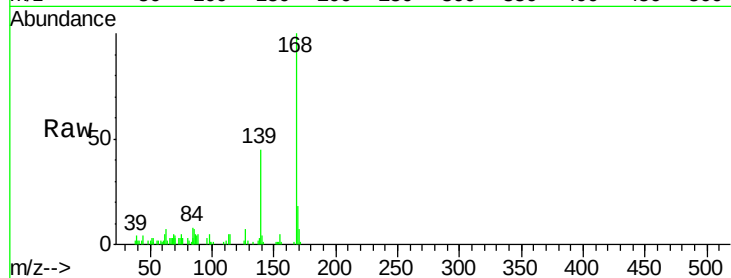
C0AP0

Tgt Ion:168 Resp: 23701

Ion Ratio Lower Upper

168 100

139 44.6 32.4 48.6



#59

Fluorene

Concen: 4.44 ng/ul

RT: 15.85 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

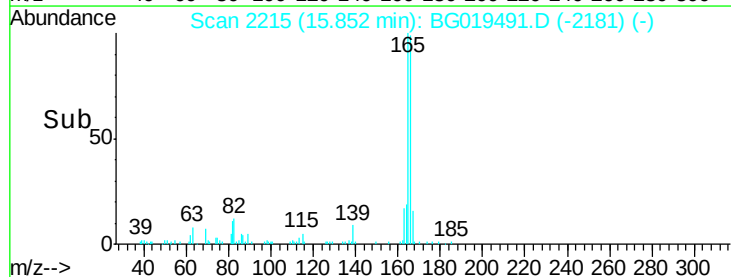
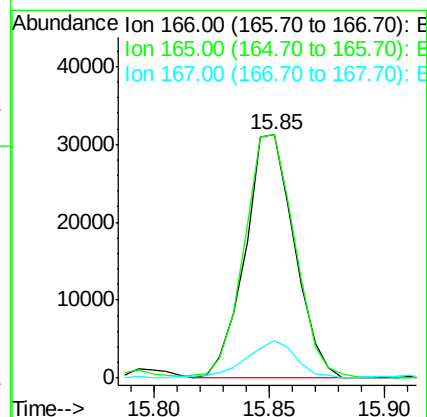
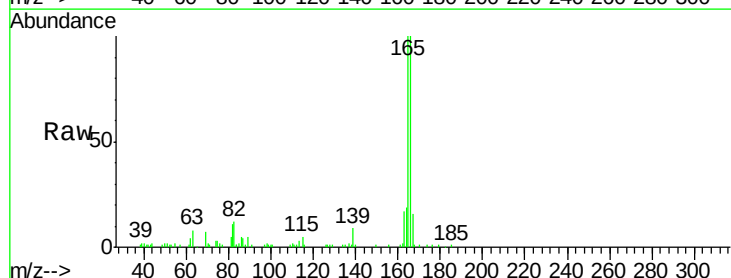
Tgt Ion:166 Resp: 46370

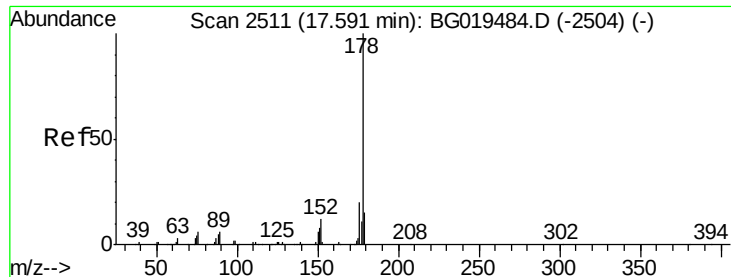
Ion Ratio Lower Upper

166 100

165 100.1 77.6 116.4

167 15.7 9.6 14.4#





#70

Phenanthrene

Concen: 7.90 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

Instrument :

BNA_G

ClientSampleId :

C0AP0

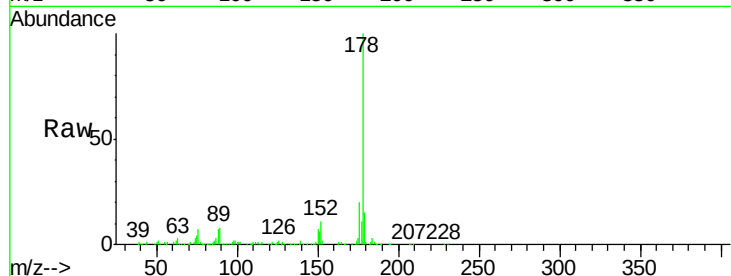
Tgt Ion:178 Resp: 142184

Ion Ratio Lower Upper

178 100

179 14.9 12.6 18.8

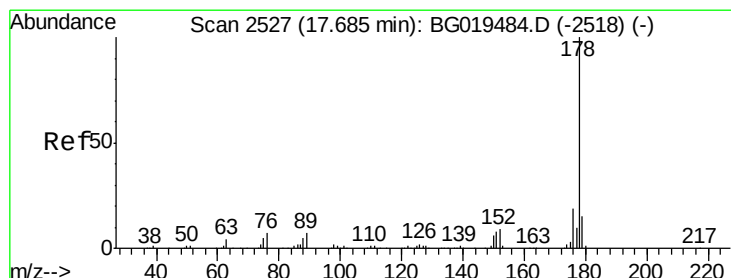
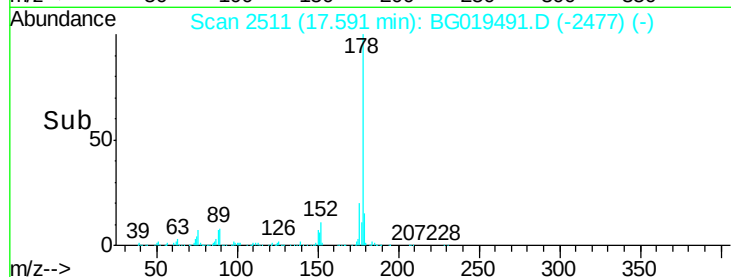
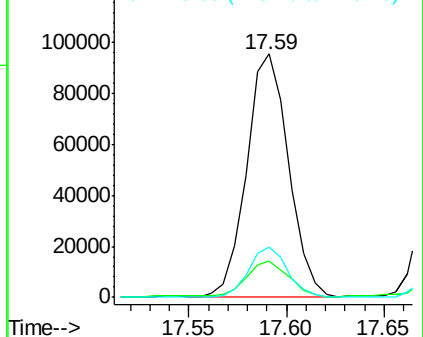
176 20.4 14.3 21.5



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: 6.42 ng/ul

RT: 17.68 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

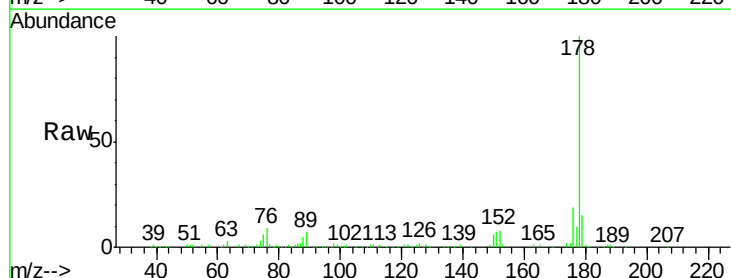
Tgt Ion:178 Resp: 117798

Ion Ratio Lower Upper

178 100

179 14.6 11.6 17.4

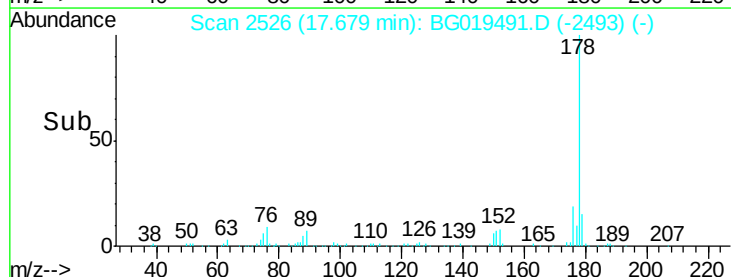
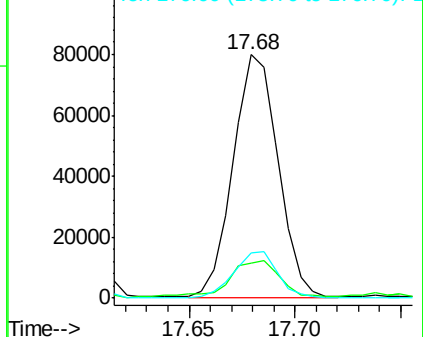
176 18.7 14.2 21.4

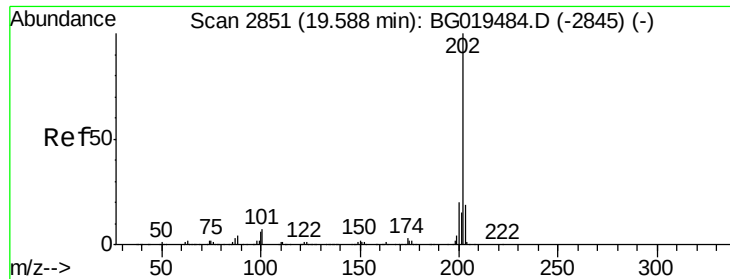


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

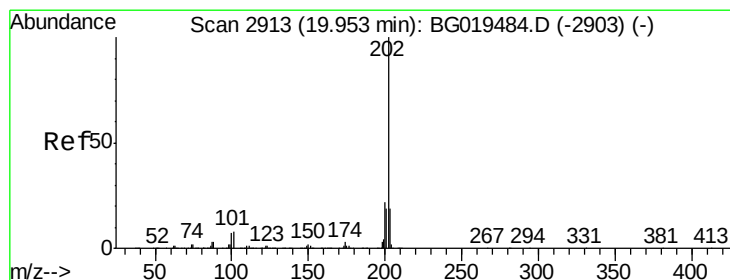
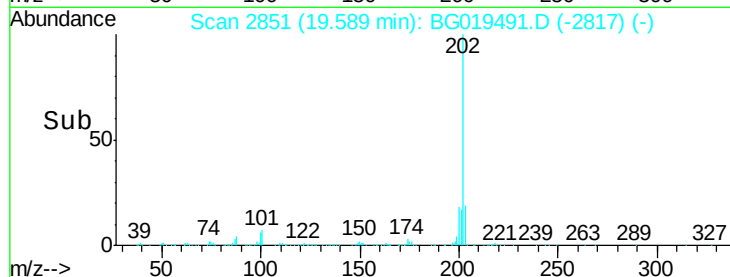
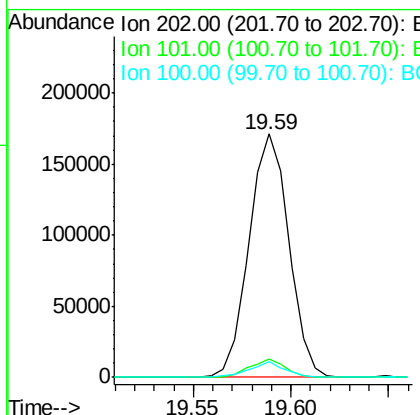
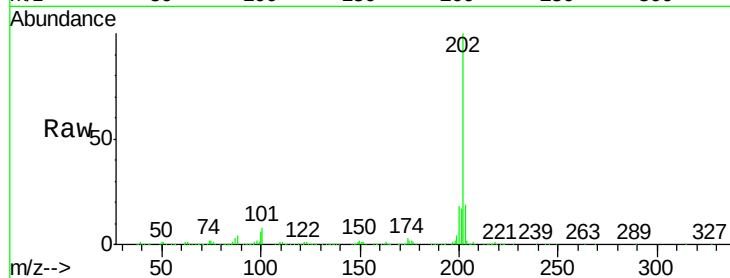




#77
 Fluoranthene
 Concen: 10.36 ng/ul
 RT: 19.59 min Scan# 2851
 Delta R.T. 0.00 min
 Lab File: BG019491.D
 Acq: 5 Nov 2015 14:11

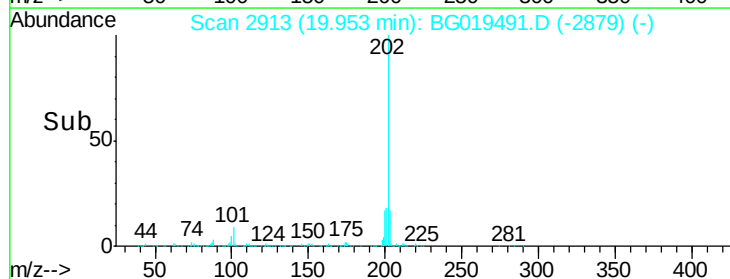
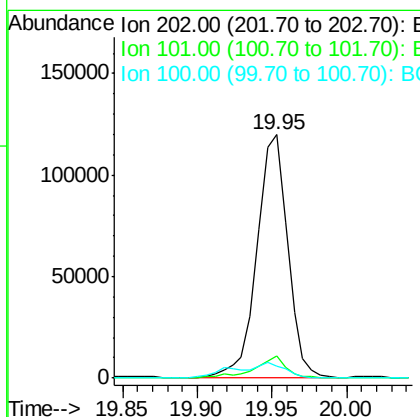
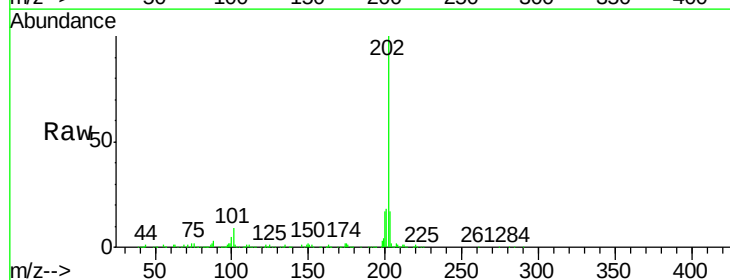
Instrument :
 BNA_G
 ClientSampleId :
 C0AP0

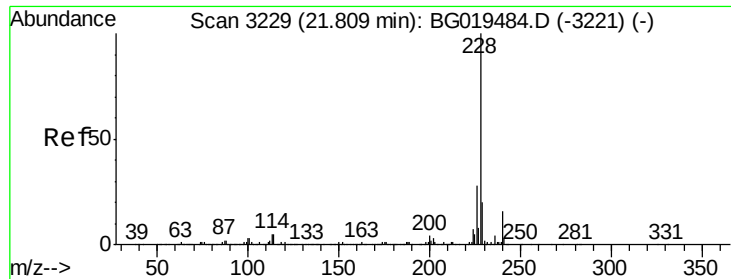
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.0	6.0#
100	6.2	3.6	5.4#



#80
 Pyrene
 Concen: 6.62 ng/ul
 RT: 19.95 min Scan# 2913
 Delta R.T. 0.00 min
 Lab File: BG019491.D
 Acq: 5 Nov 2015 14:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	4.3	6.5#
100	5.0	3.6	5.4





#83

Benzo(a)anthracene

Concen: 3.37 ng/ul

RT: 21.80 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

Instrument :

BNA_G

ClientSampleId :

C0AP0

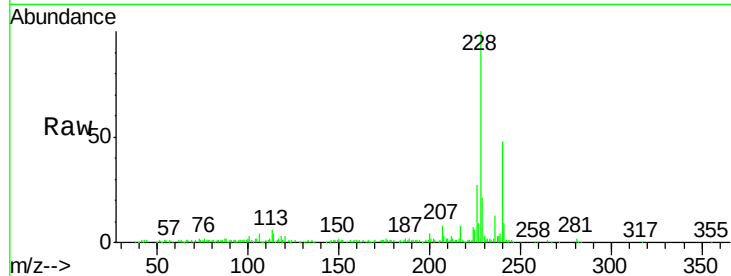
Tgt Ion:228 Resp: 90874

Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.8

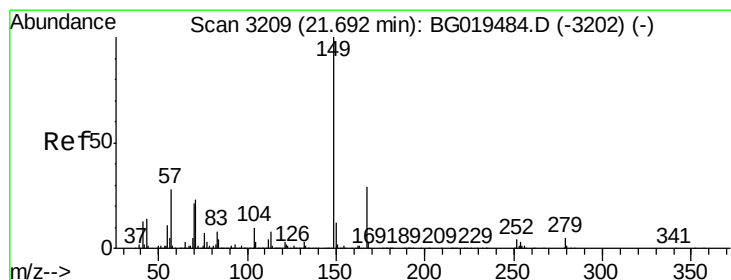
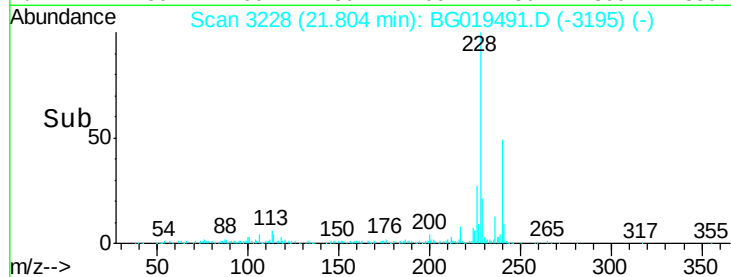
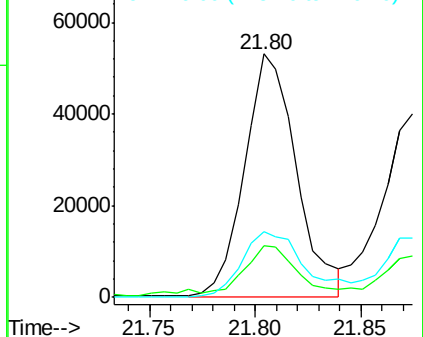
226 26.8 21.8 32.6



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: 1.02 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. 0.00 min

Lab File: BG019491.D

Acq: 5 Nov 2015 14:11

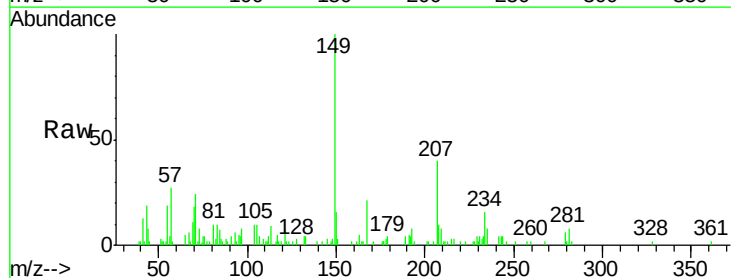
Tgt Ion:149 Resp: 12212

Ion Ratio Lower Upper

149 100

167 21.3 23.2 34.8#

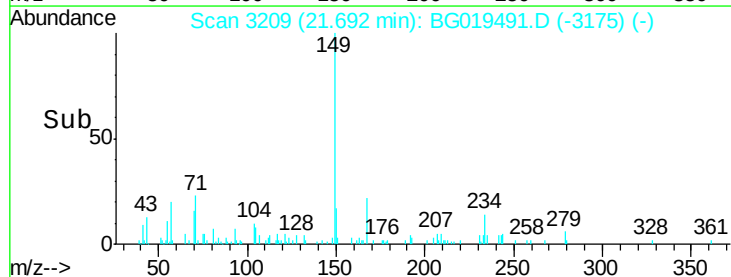
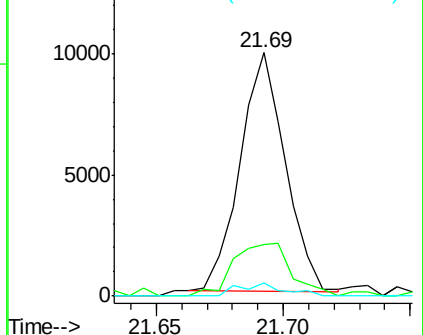
279 5.6 5.0 7.4

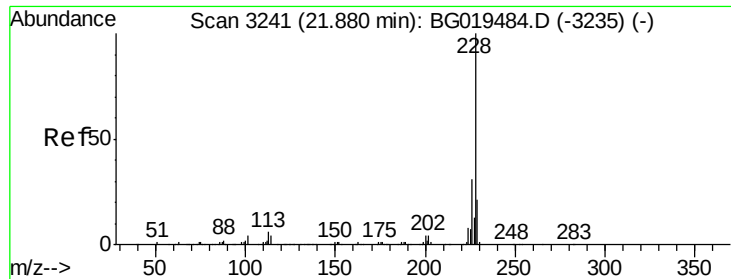


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

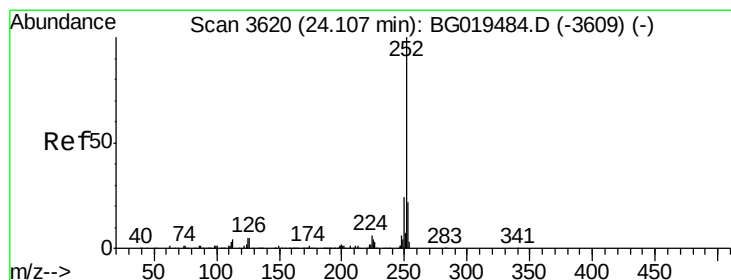
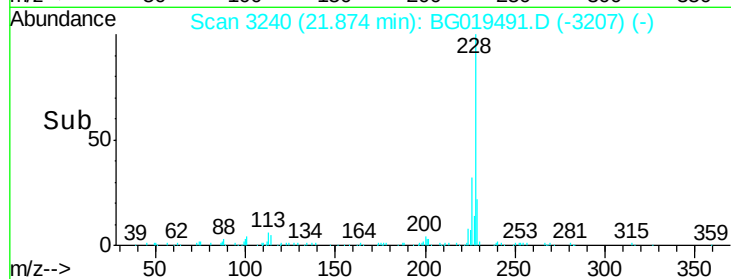
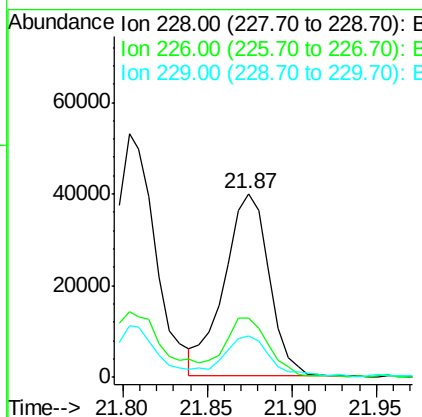
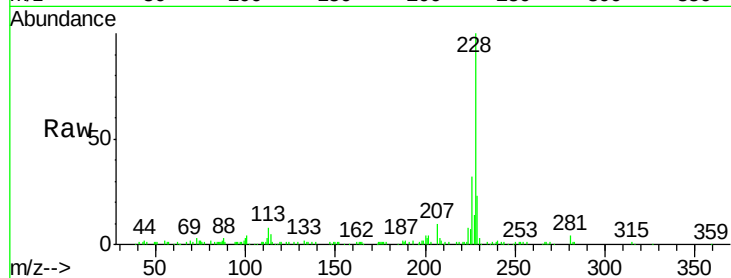




#85
Chrysene
 Concen: 2.92 ng/ul
 RT: 21.87 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BG019491.D
 Acq: 5 Nov 2015 14:11

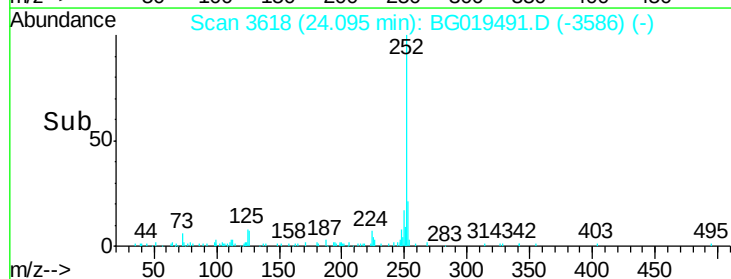
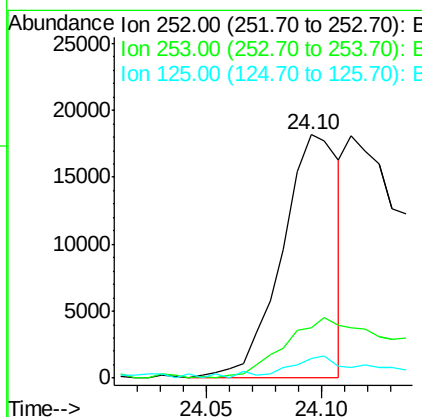
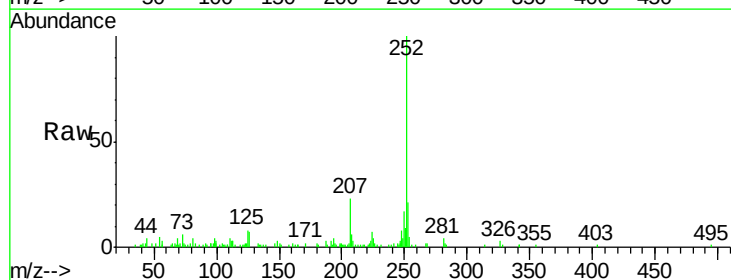
Instrument :
 BNA_G
 ClientSampleId :
 C0AP0

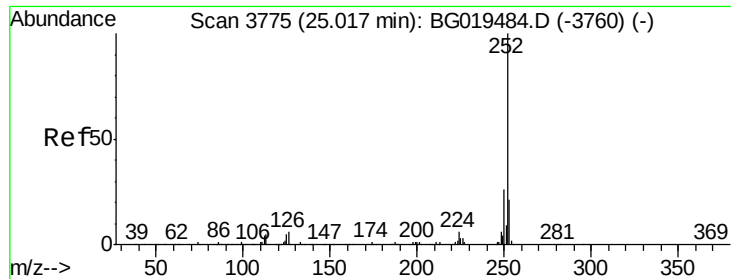
Tgt Ion:228 Resp: 73733
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.6 36.8
 229 22.6 17.3 25.9



#88
Benzo(b)fluoranthene
 Concen: 1.21 ng/ul
 RT: 24.10 min Scan# 3618
 Delta R.T. -0.01 min
 Lab File: BG019491.D
 Acq: 5 Nov 2015 14:11

Tgt Ion:252 Resp: 31312
 Ion Ratio Lower Upper
 252 100
 253 20.6 17.1 25.7
 125 7.8 2.5 3.7#





#91

Benzo(a)pyrene

Concen: 2.06 ng/ul

RT: 25.01 min Scan# 3774

Delta R.T. -0.01 min

Lab File: BG019491.D

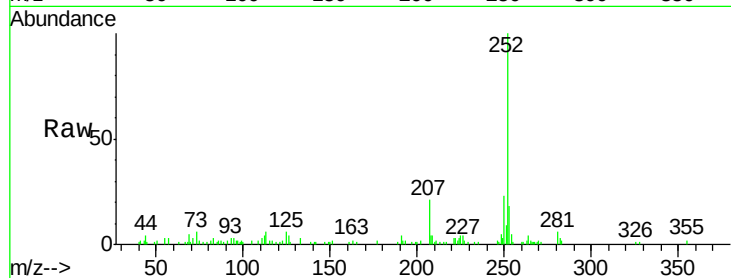
Acq: 5 Nov 2015 14:11

Instrument :

BNA_G

ClientSampleId :

C0AP0



Tgt Ion:	252	Resp:	51394
Ion	Ratio	Lower	Upper
252	100		
253	18.4	16.0	24.0
125	6.5	3.3	4.9#

