

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110917\
 Data File : BG030893.D
 Acq On : 9 Nov 2017 23:20
 Operator : SJ/JU
 Sample : I6286-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 10 03:49:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 03:42:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	68129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	314934	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	209243	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	513375	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	531109	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	539011	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6621	3.95	ng/uL	0.00
5) Phenol-d5	7.32	99	156744	23.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	88178	21.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	129633	28.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	131873	24.97	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	66620	29.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	82407	35.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	153046	28.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	118260	19.28	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	487858	27.27	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	620096	28.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	79810	24.17	ng/ul	0.00
57) Fluorene-d10	15.75	176	461036	31.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	89835	35.85	ng/ul	0.00
70) Anthracene-d10	17.61	188	718223	29.58	ng/ul	0.00
76) Pyrene-d10	19.88	212	820033	29.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	772707	30.27	ng/ul	0.01

Target Compounds

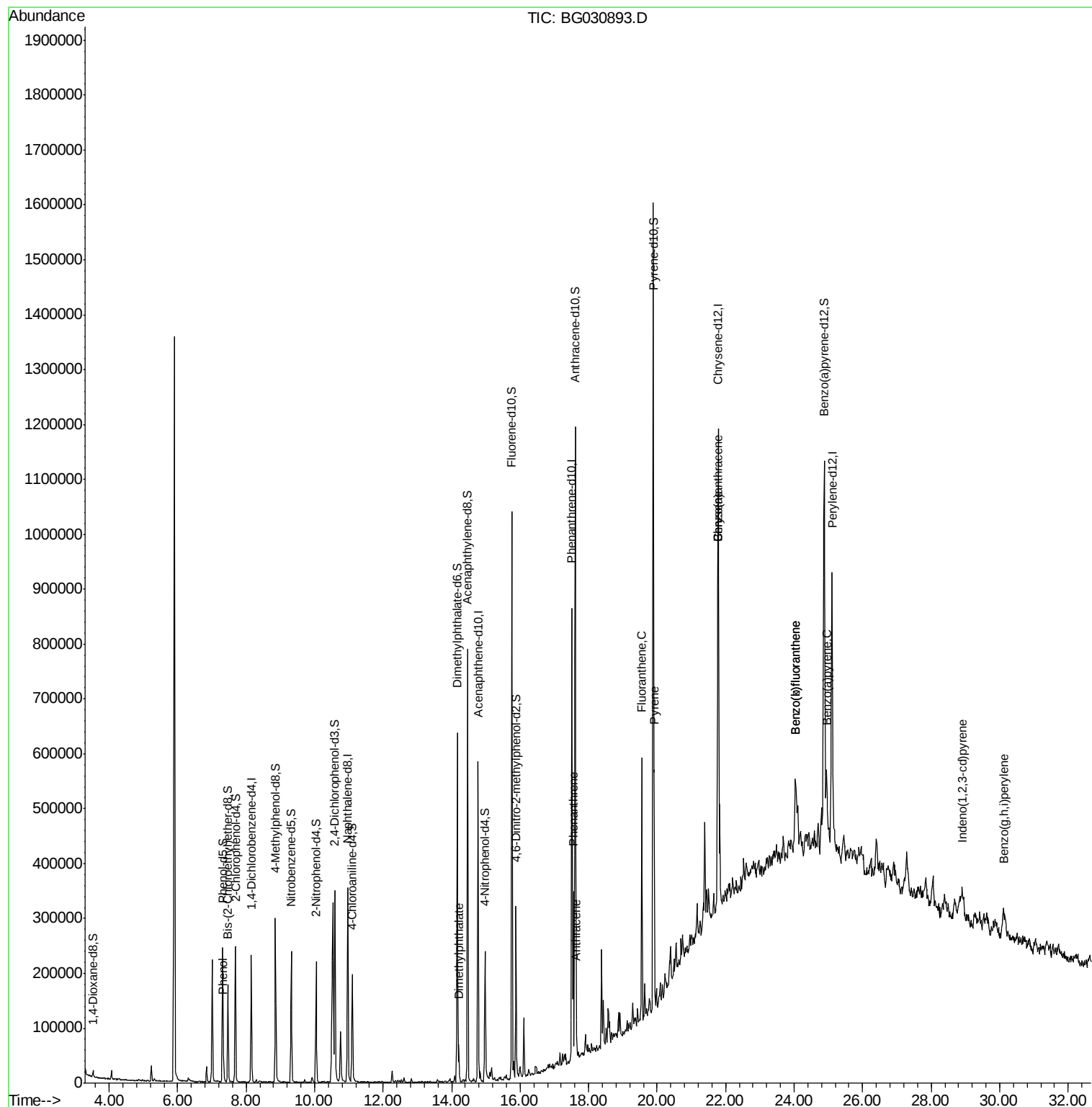
						Ovalue
6) Phenol	7.34	94	13408	1.98	ng/ul	96
44) Dimethylphthalate	14.21	163	46819	2.68	ng/ul	98
69) Phenanthrene	17.55	178	192123	6.92	ng/ul	97
71) Anthracene	17.64	178	46887	1.64	ng/ul	98
74) Fluoranthene	19.55	202	312579	10.08	ng/ul	99
77) Pyrene	19.91	202	272051	7.64	ng/ul	97
80) Benzo(a)anthracene	21.76	228	162686	4.89	ng/ul	98
82) Chrysene	21.76	228	163016	5.39	ng/ul	94
85) Benzo(b)fluoranthene	24.04	252	182152	5.63	ng/ul#	94
86) Benzo(k)fluoranthene	24.04	252	182152	5.82	ng/ul	94
88) Benzo(a)pyrene	24.95	252	131060	4.16	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.90	276	87504	2.46	ng/ul#	89
91) Benzo(g,h,i)perylene	30.11	276	76375	2.59	ng/ul	98

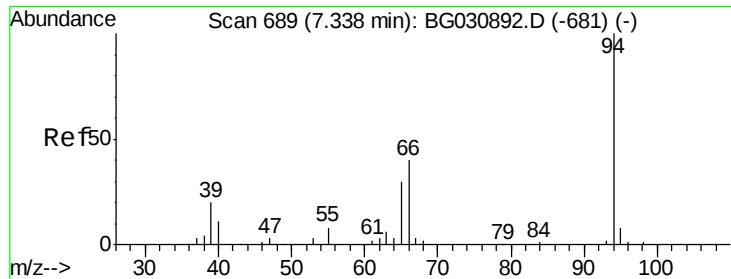
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 03:42:09 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.98 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Instrument :

BNA_G

ClientSampled :

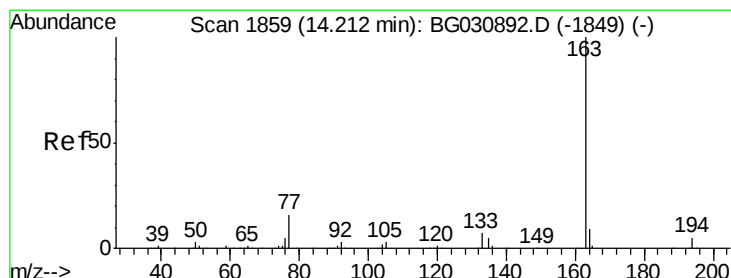
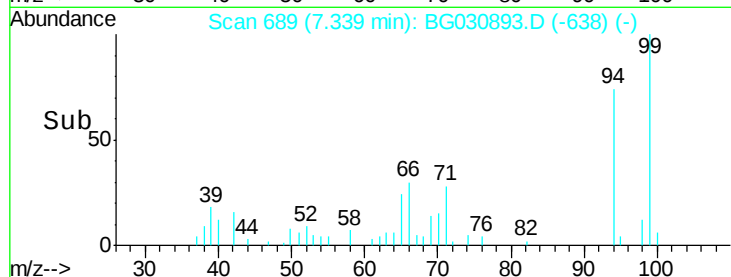
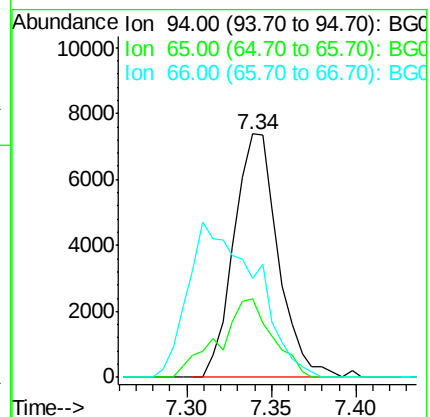
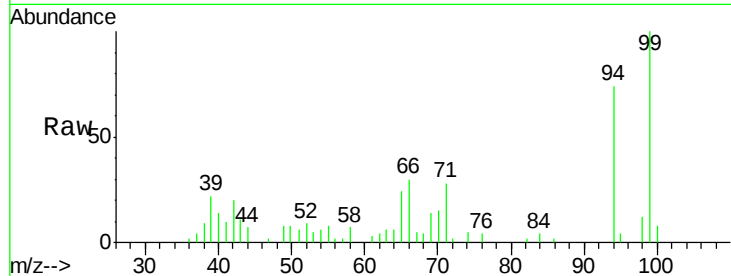
Tot Ion: 94 Resp: 13408

Ion Ratio Lower Upper

94 100

65 32.2 27.1 40.7

66 40.7 34.6 52.0



#44

Dimethylphthalate

Concen: 2.68 ng/ul

RT: 14.21 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

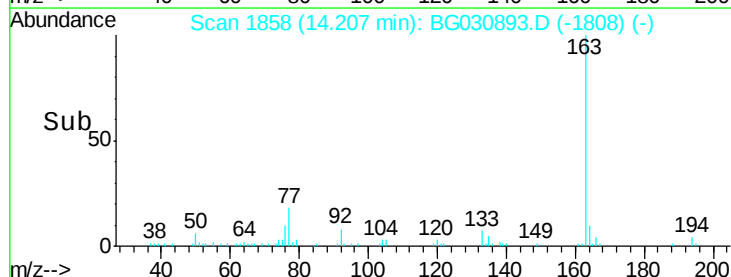
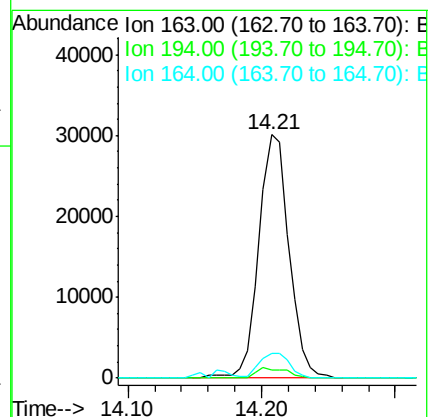
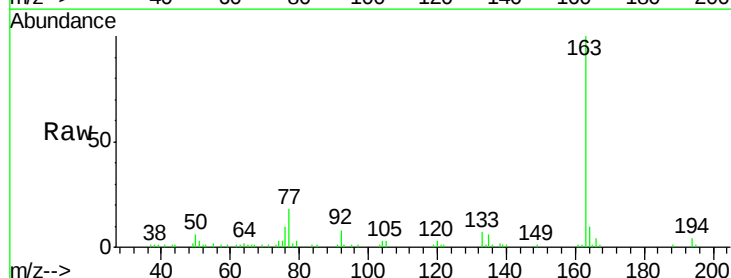
Tgt Ion:163 Resp: 46819

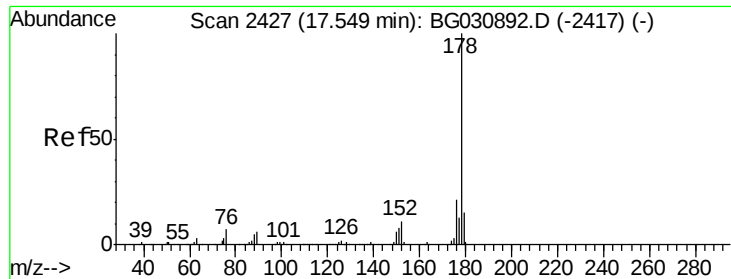
Ion Ratio Lower Upper

163 100

194 3.5 3.5 5.3

164 10.3 7.6 11.4





#69

Phenanthrene

Concen: 6.92 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Instrument :

BNA_G

ClientSampleId :

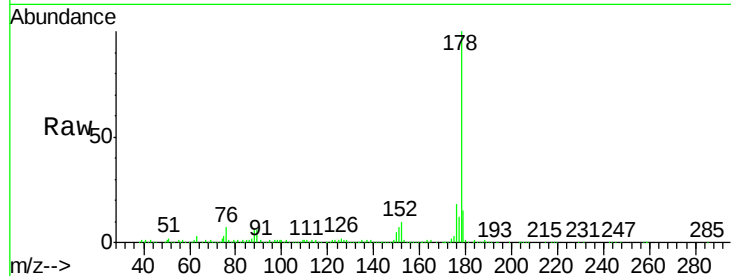
Tot Ion:178 Resp: 192123

Ion Ratio Lower Upper

178 100

179 14.8 13.0 19.6

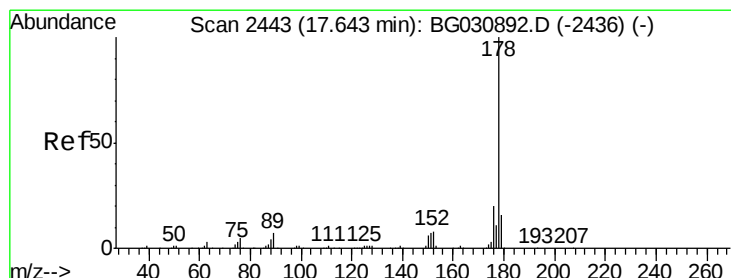
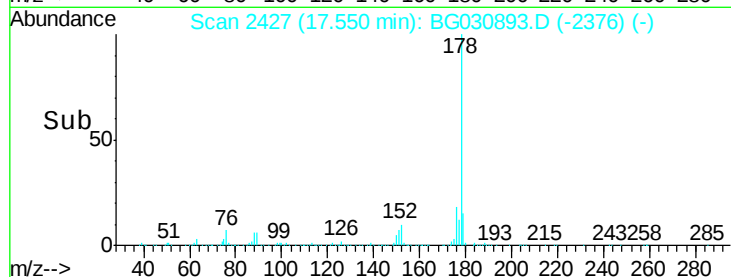
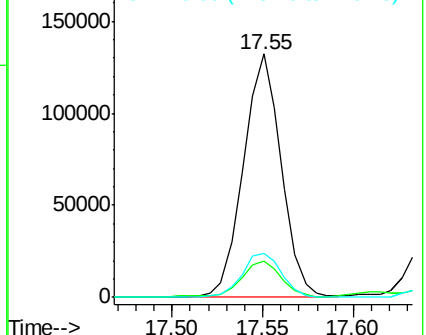
176 18.0 15.3 22.9



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



#71

Anthracene

Concen: 1.64 ng/ul

RT: 17.64 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

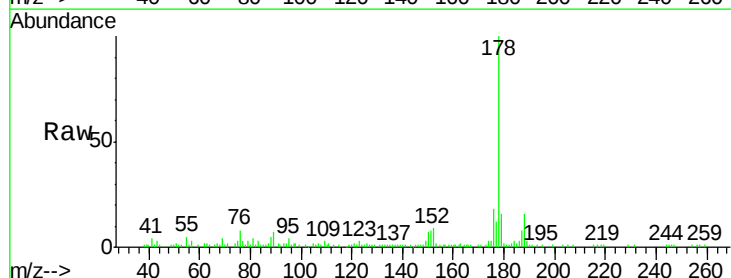
Tgt Ion:178 Resp: 46887

Ion Ratio Lower Upper

178 100

179 16.3 13.2 19.8

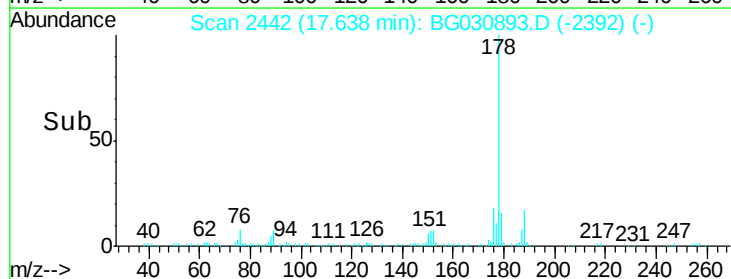
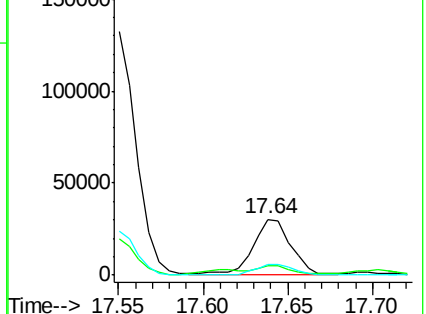
176 18.2 16.0 24.0

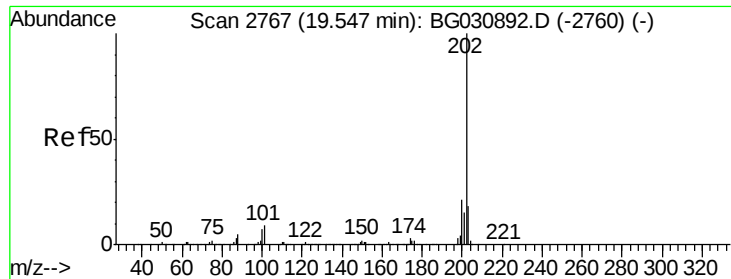


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 10.08 ng/ul

RT: 19.55 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Instrument :

BNA_G

ClientSampleId :

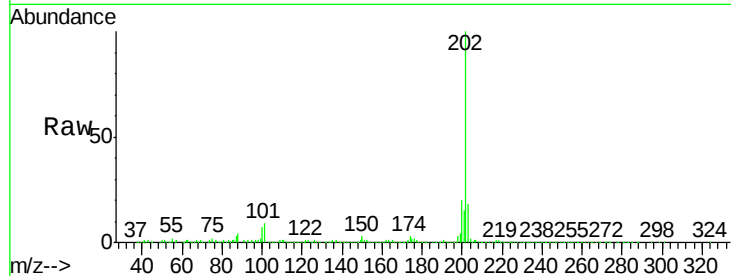
Tot Ion:202 Resp: 312579

Ion Ratio Lower Upper

202 100

101 8.8 7.4 11.2

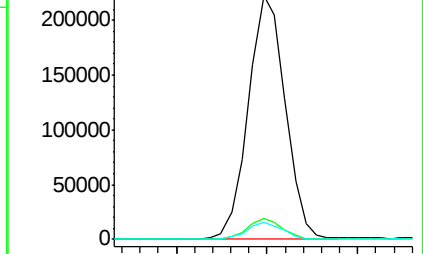
100 6.8 5.6 8.4



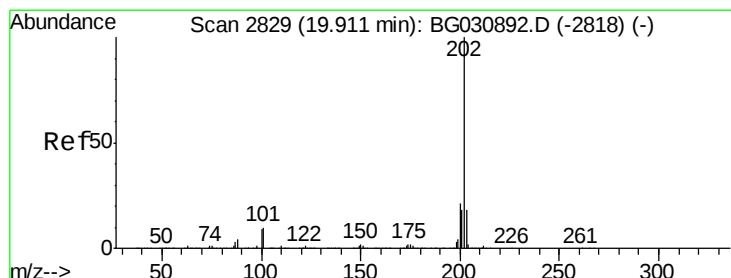
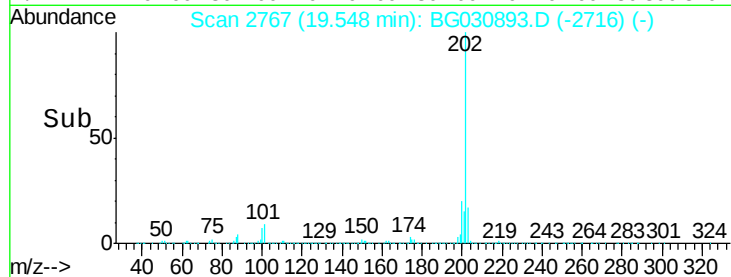
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 7.64 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

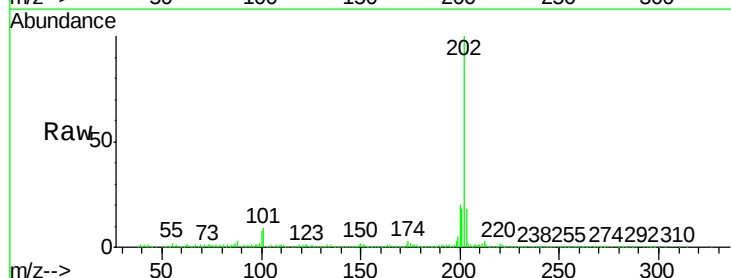
Tgt Ion:202 Resp: 272051

Ion Ratio Lower Upper

202 100

101 9.3 8.4 12.6

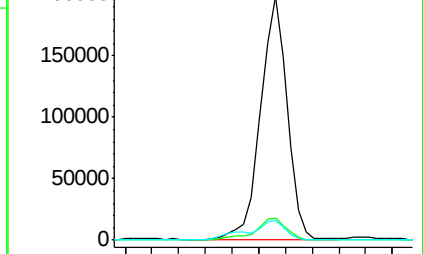
100 8.0 7.0 10.6



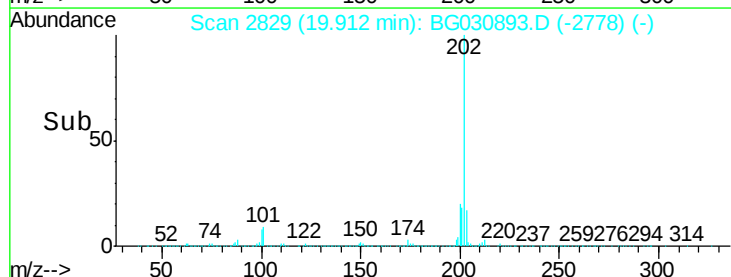
Abundance Ion 202.00 (201.70 to 202.70): E

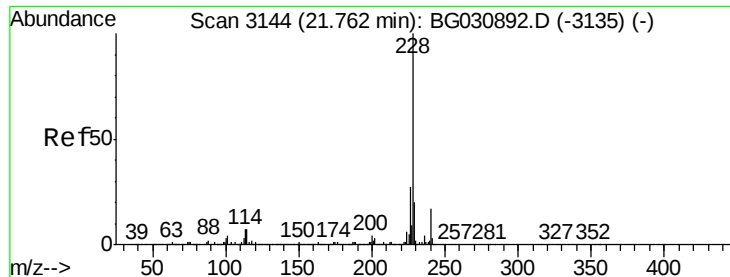
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Benzo(a)anthracene

Concen: 4.89 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Instrument :

BNA_G

ClientSampleId :

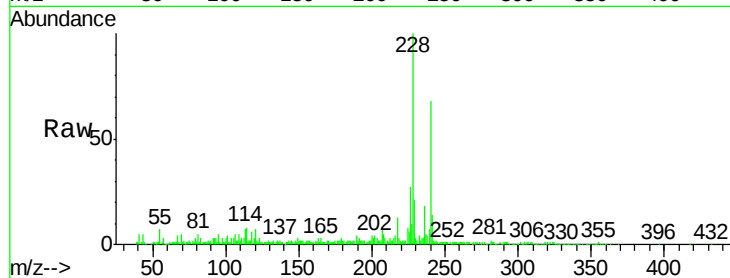
Tot Ion:228 Resp: 162686

Ion Ratio Lower Upper

228 100

229 21.2 16.2 24.4

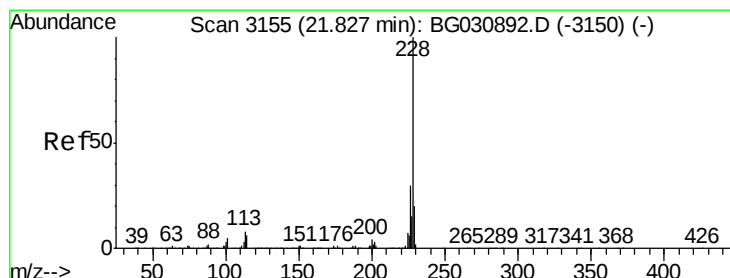
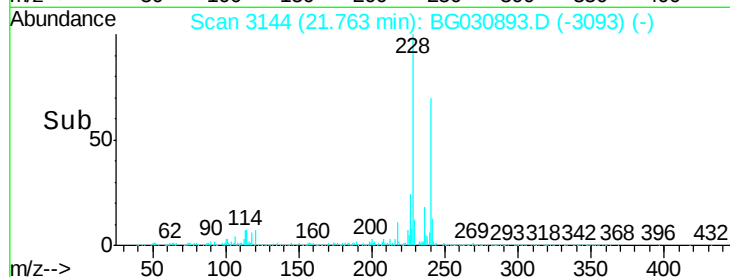
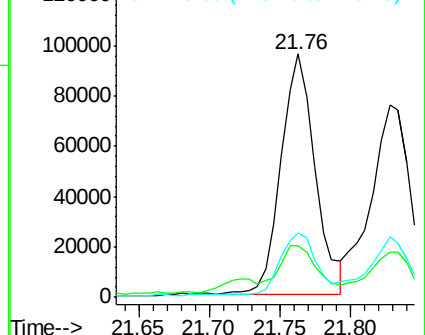
226 26.6 22.2 33.2



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



#82

Chrysene

Concen: 5.39 ng/ul

RT: 21.76 min Scan# 3144

Delta R.T. -0.06 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

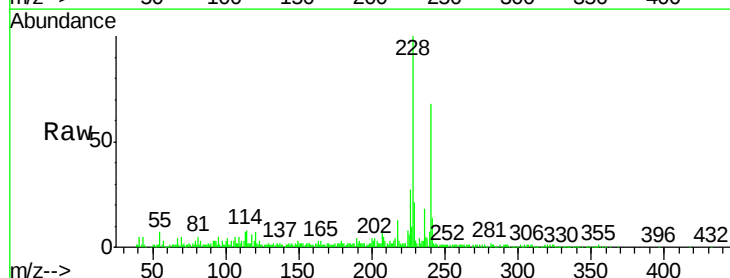
Tgt Ion:228 Resp: 163016

Ion Ratio Lower Upper

228 100

226 26.6 24.2 36.2

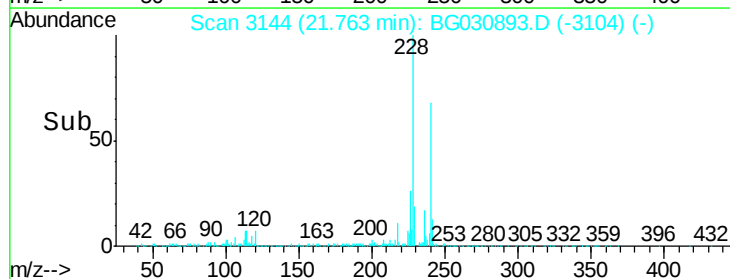
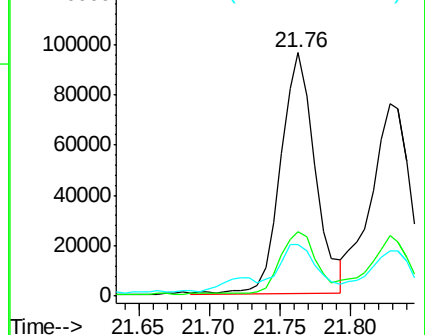
229 21.2 15.2 22.8

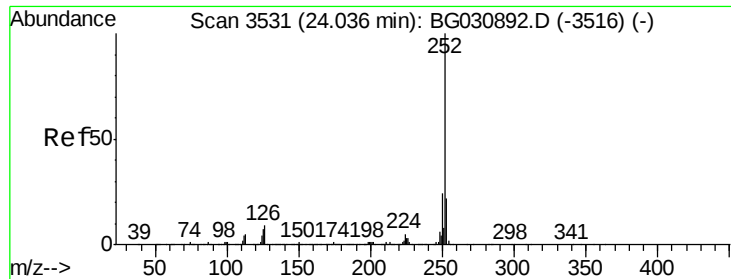


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 5.63 ng/ul

RT: 24.04 min Scan# 3532

Delta R.T. 0.01 min

Lab File: BG030893.D

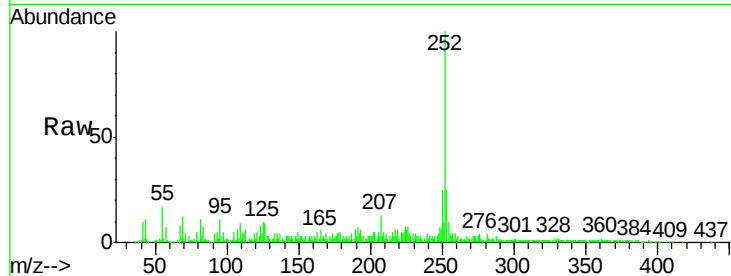
Acq: 9 Nov 2017 23:20

Instrument :

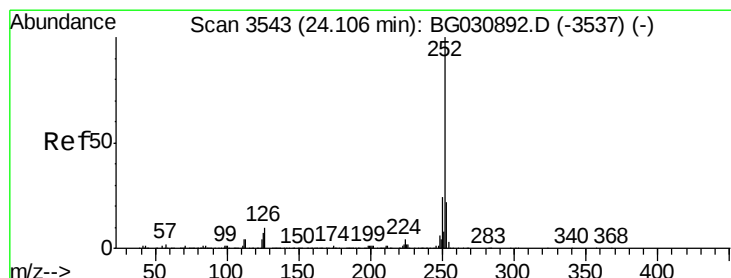
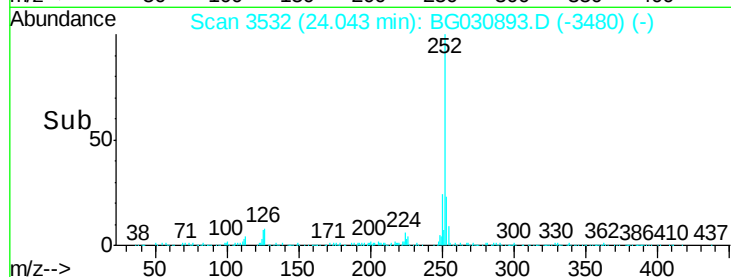
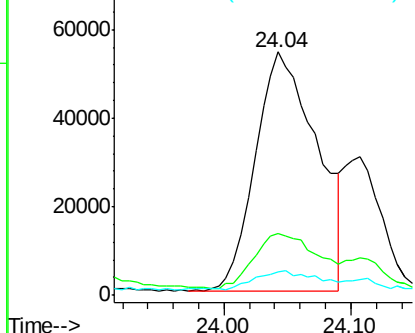
BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	182152
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.0	25.4#
125	9.5	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



#86

Benzo(k)fluoranthene

Concen: 5.82 ng/ul

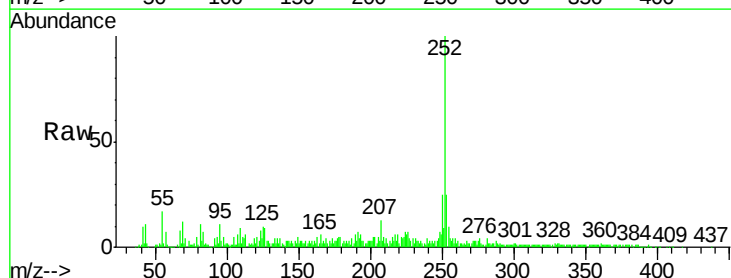
RT: 24.04 min Scan# 3532

Delta R.T. -0.06 min

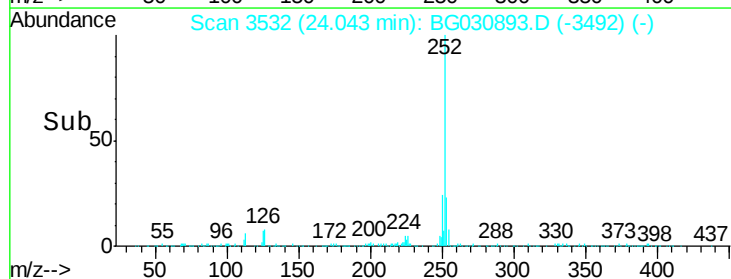
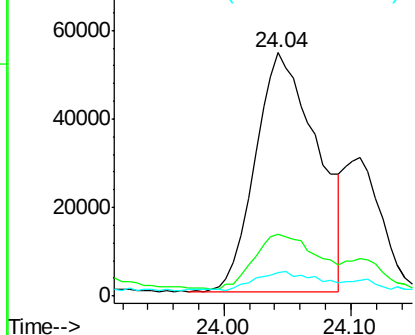
Lab File: BG030893.D

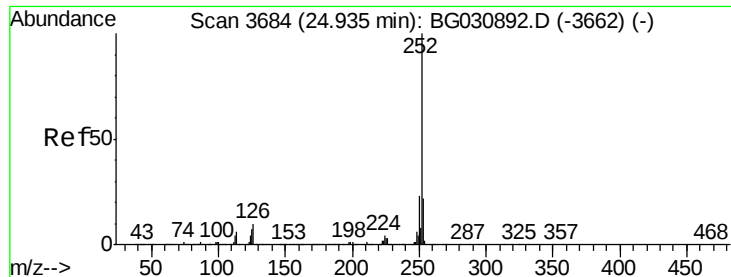
Acq: 9 Nov 2017 23:20

Tgt Ion:	252	Resp:	182152
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.2	25.8
125	9.5	7.8	11.8



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





#88

Benzo(a)pyrene

Concen: 4.16 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. 0.01 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

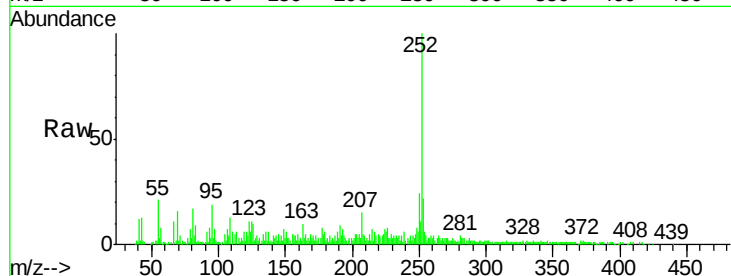
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 131060

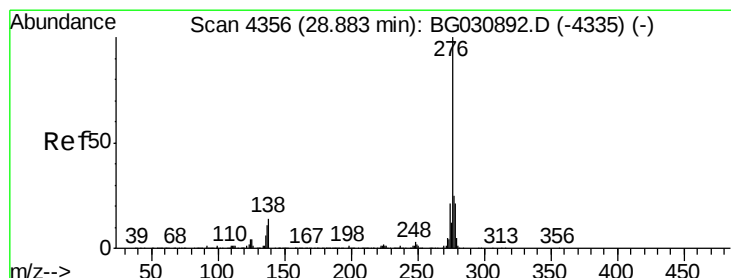
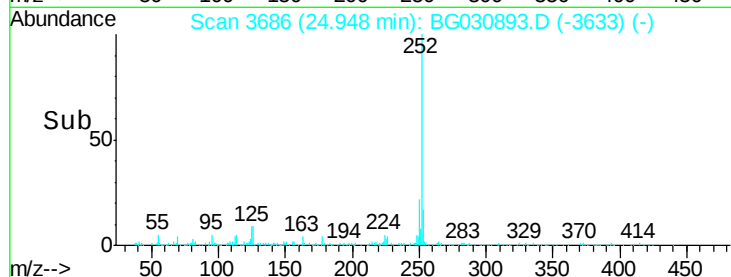
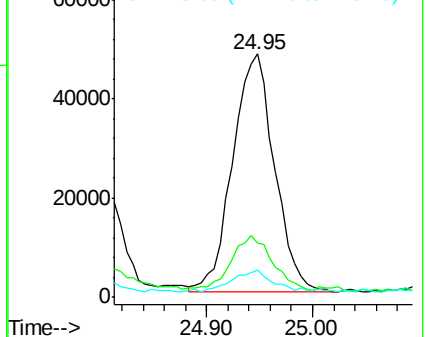
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.2	7.8	11.8



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.46 ng/ul

RT: 28.90 min Scan# 4359

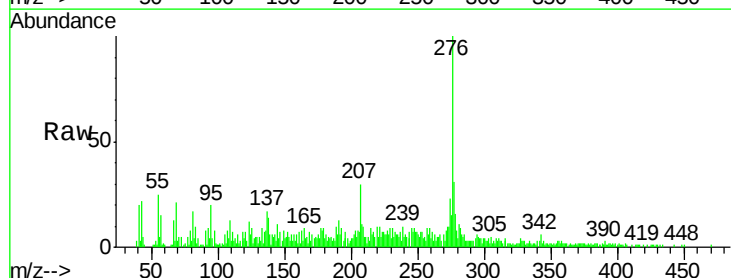
Delta R.T. 0.02 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Tgt Ion:276 Resp: 87504

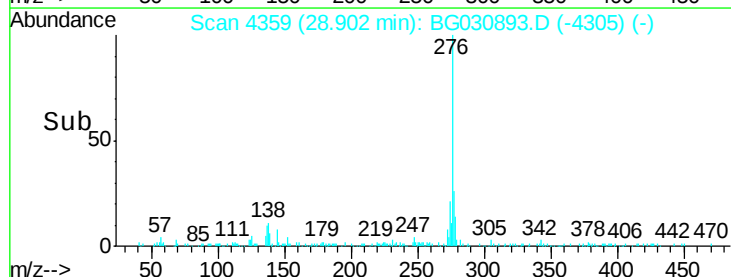
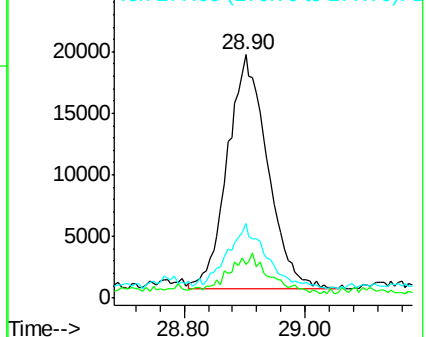
Ion	Ratio	Lower	Upper
276	100		
138	19.4	13.4	20.0
277	30.7	18.6	28.0

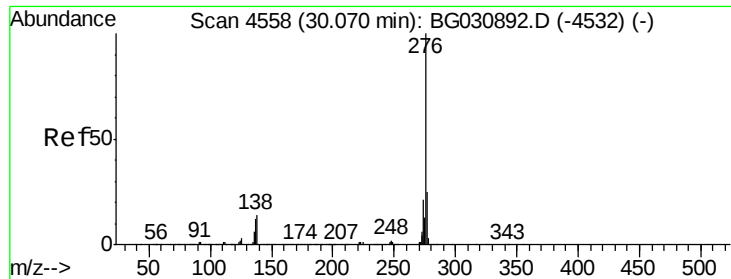


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.59 ng/ul

RT: 30.11 min Scan# 4564

Delta R.T. 0.04 min

Lab File: BG030893.D

Acq: 9 Nov 2017 23:20

Instrument :

BNA_G

ClientSampleId :

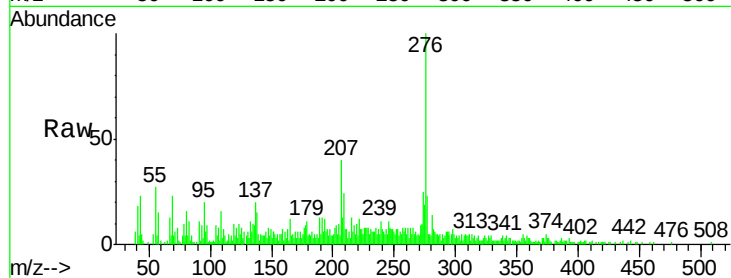
Tot Ion:276 Resp: 76375

Ion Ratio Lower Upper

276 100

138 14.5 12.1 18.1

277 23.1 17.7 26.5



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

