

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042026.D
 Acq On : 7 Aug 2019 11:47
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 07 13:18:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 12:00:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	73783	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	323639	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	237607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	511444	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	498613	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	596857	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3645	2.16	ng/uL	0.00
5) Phenol-d5	7.17	99	86555	14.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	44913	13.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	78631	15.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	72206	14.85	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	39740	16.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	48683	17.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	95607	16.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	96923	15.30	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	312966	16.98	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	361851	17.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	34306	11.09	ng/ul	0.00
57) Fluorene-d10	15.68	176	290885	17.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	41777	12.73	ng/ul	0.00
70) Anthracene-d10	17.54	188	437060	17.81	ng/ul	0.00
78) Pyrene-d10	19.82	212	496291	17.84	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	554151	17.77	ng/ul	0.00

Target Compounds

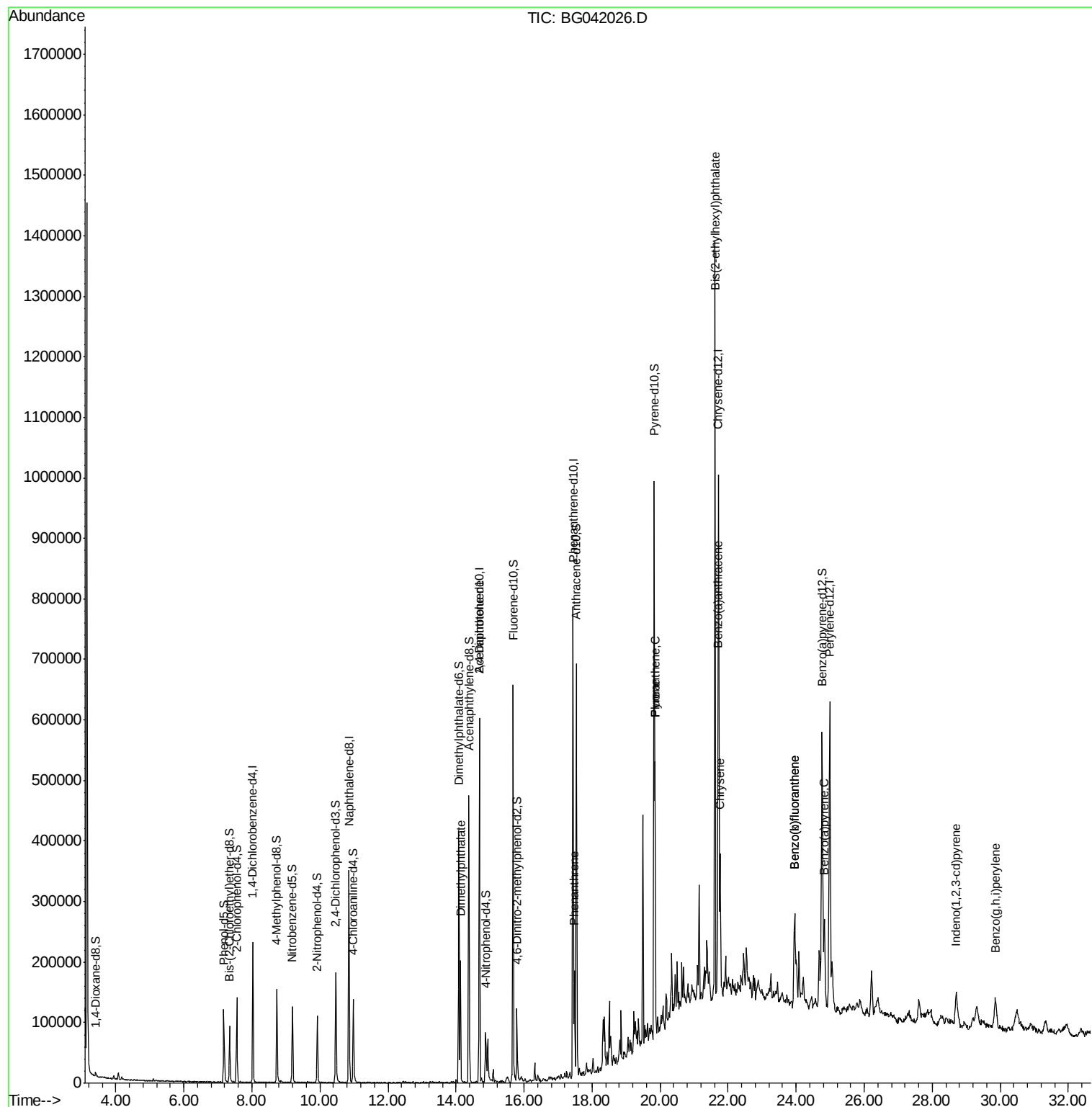
				Ovalue	
44) Dimethylphthalate	14.13	163	147830	8.079	ng/ul 98
54) 2,4-Dinitrotoluene	14.69	165	31579	5.457	ng/ul# 45
69) Phenanthrene	17.48	178	120454	4.302	ng/ul 98
76) Fluoranthene	19.85	202	298750	9.235	ng/ul 100
79) Pyrene	19.85	202	298750	8.907	ng/ul 97
82) Benzo(a)anthracene	21.70	228	181751	5.257	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.62	149	587492	32.616	ng/ul 99
84) Chrysene	21.77	228	189326	5.868	ng/ul 97
87) Benzo(b)fluoranthene	23.95	252	212219	5.666	ng/ul 97
88) Benzo(k)fluoranthene	23.95	252	212219	5.893	ng/ul 97
90) Benzo(a)pyrene	24.83	252	171794	4.813	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	28.70	276	103312	2.482	ng/ul 96
93) Benzo(g,h,i)perylene	29.85	276	57739	1.661	ng/ul 97

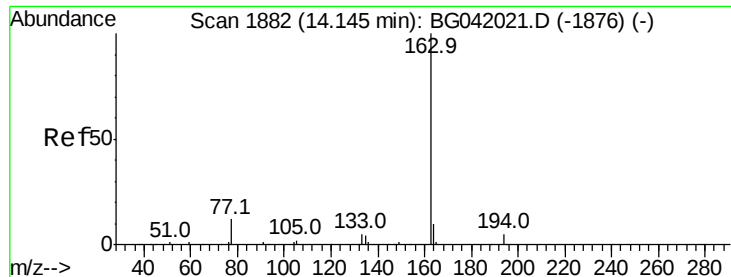
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 12:00:36 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 8.079 ng/ul

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG042026.D

Acq: 7 Aug 2019 11:47

Instrument :

BNA_G

ClientSampled :

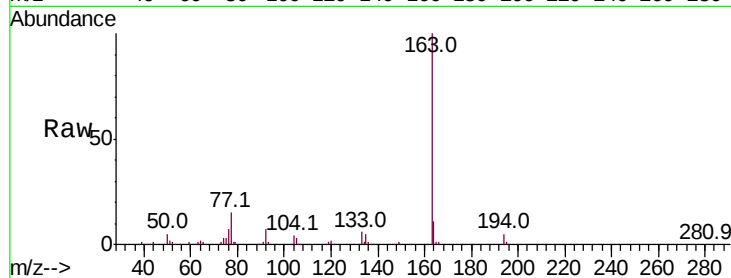
Tot Ion:163 Resp: 147830

Ion Ratio Lower Upper

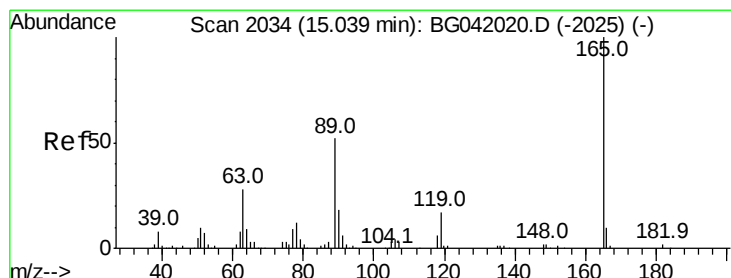
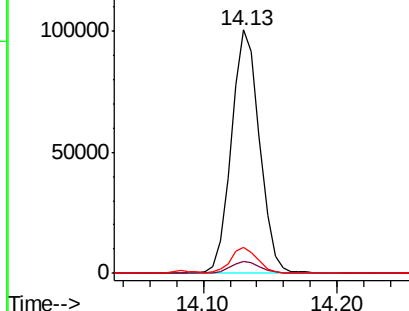
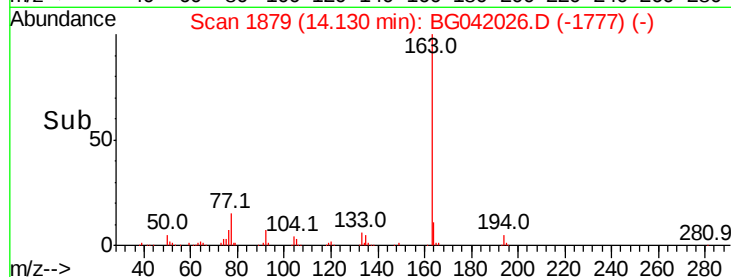
163 100

194 4.9 4.2 6.2

164 10.9 7.8 11.8



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



#54

2,4-Dinitrotoluene

Concen: 5.457 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. -0.35 min

Lab File: BG042026.D

Acq: 7 Aug 2019 11:47

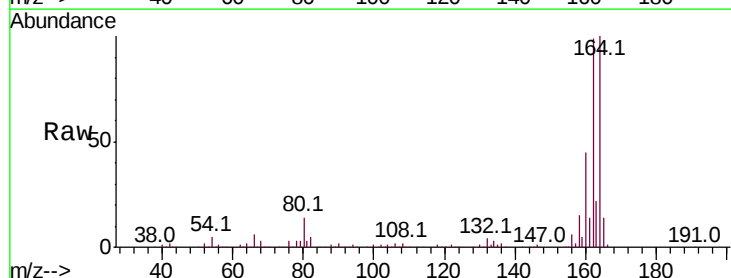
Tgt Ion:165 Resp: 31579

Ion Ratio Lower Upper

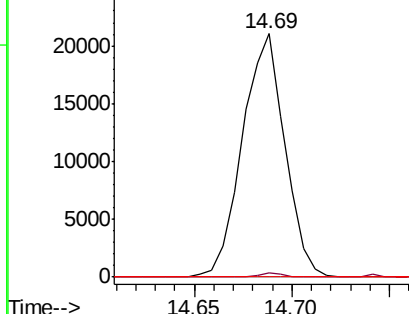
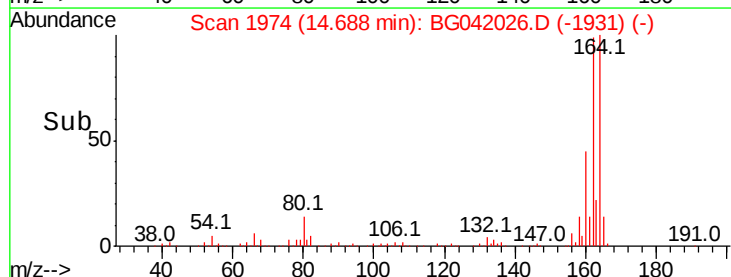
165 100

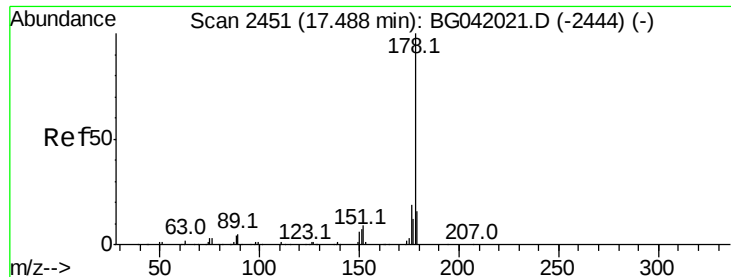
63 1.5 29.4 44.2#

182 0.0 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 182.00 (181.70 to 182.70): E





#69

Phenanthrene

Concen: 4.302 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG042026.D

Acq: 7 Aug 2019 11:47

Instrument :

BNA_G

ClientSampleId :

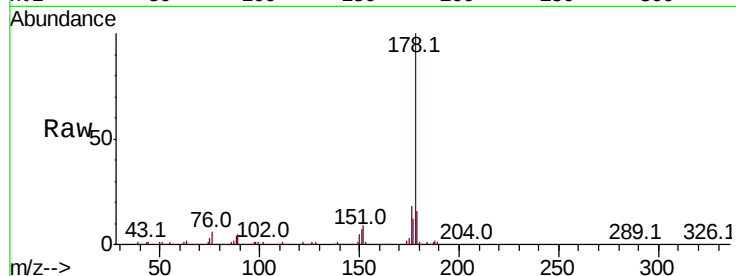
Tot Ion:178 Resp: 120454

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

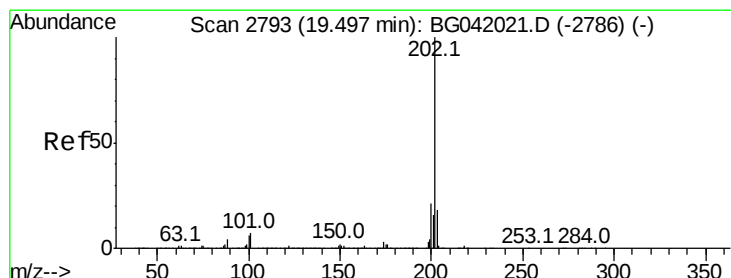
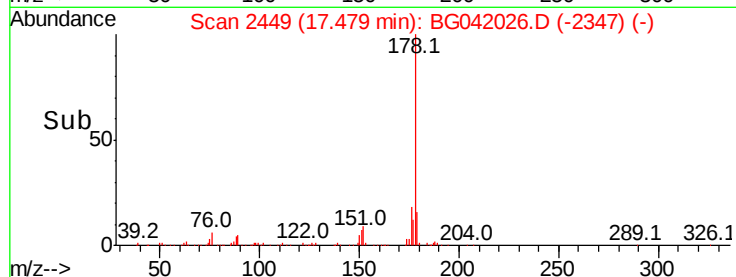
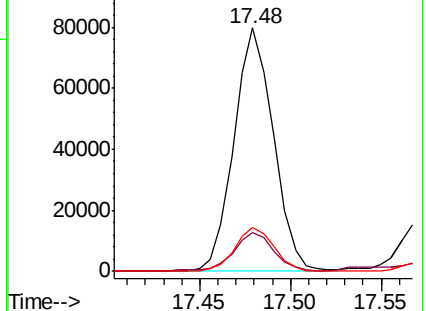
176 18.0 15.4 23.2



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

Fluoranthene

Concen: 9.235 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG042026.D

Acq: 7 Aug 2019 11:47

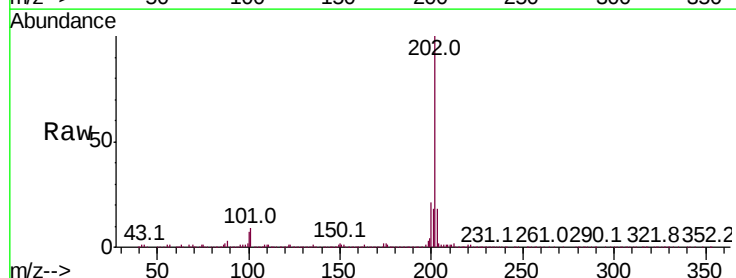
Tgt Ion:202 Resp: 298750

Ion Ratio Lower Upper

202 100

101 8.6 6.7 10.1

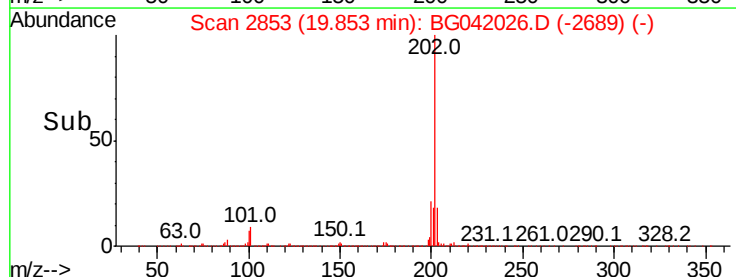
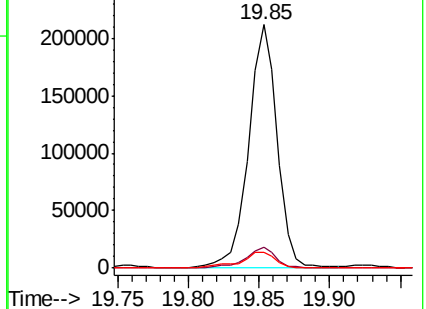
100 6.7 5.3 7.9

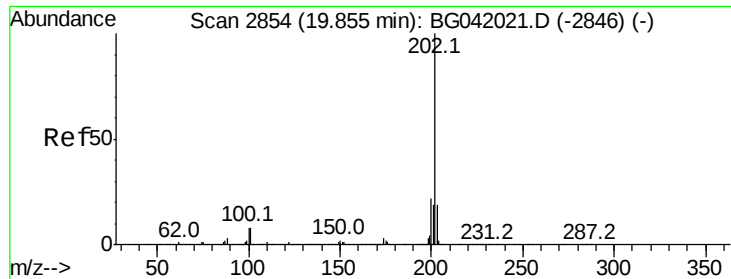


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 8.907 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG042026.D

Acq: 7 Aug 2019 11:47

Instrument :

BNA_G

ClientSampleId :

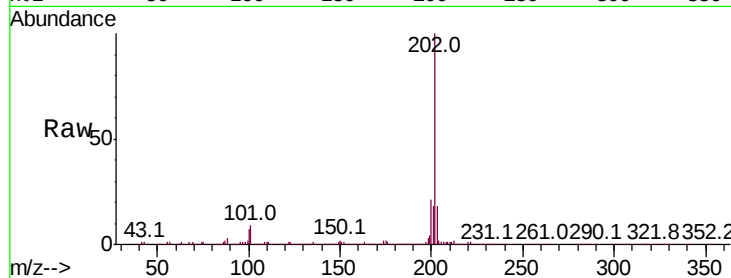
Tot Ion:202 Resp: 298750

Ion Ratio Lower Upper

202 100

101 8.6 7.6 11.4

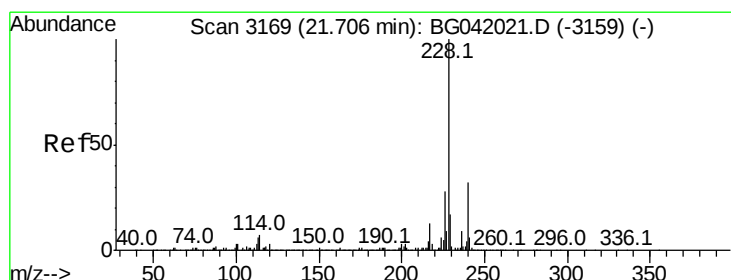
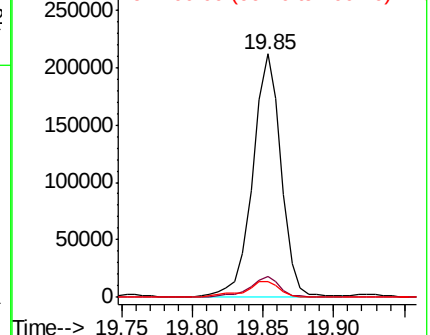
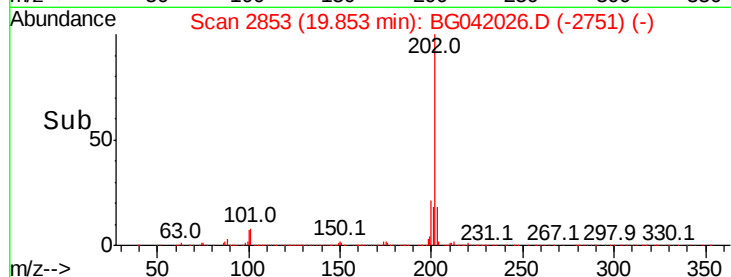
100 6.7 6.5 9.7



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



#82

Benzo(a)anthracene

Concen: 5.257 ng/ul

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042026.D

Acq: 7 Aug 2019 11:47

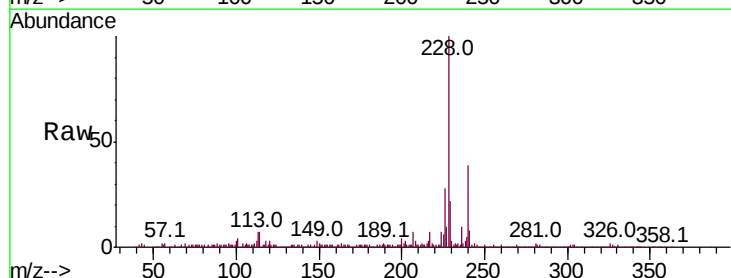
Tgt Ion:228 Resp: 181751

Ion Ratio Lower Upper

228 100

229 21.6 17.0 25.6

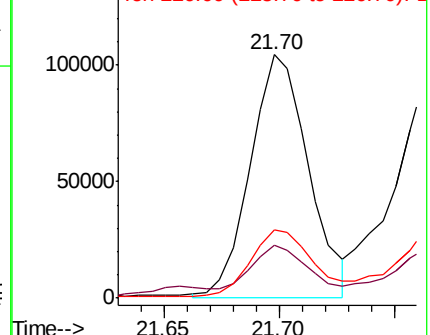
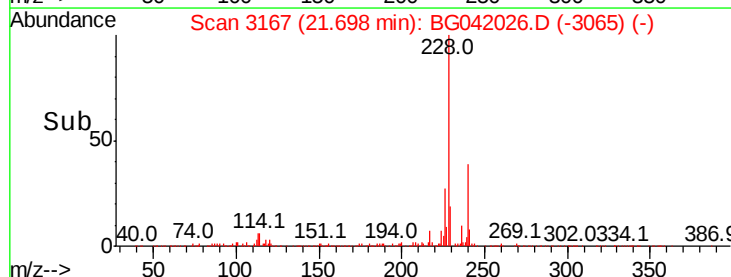
226 28.2 23.3 34.9

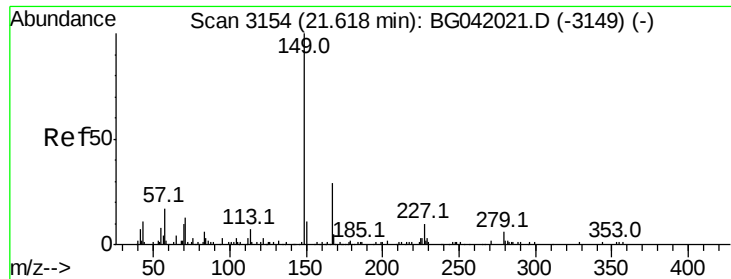


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

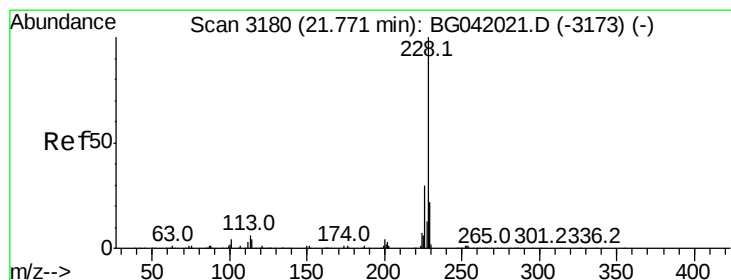
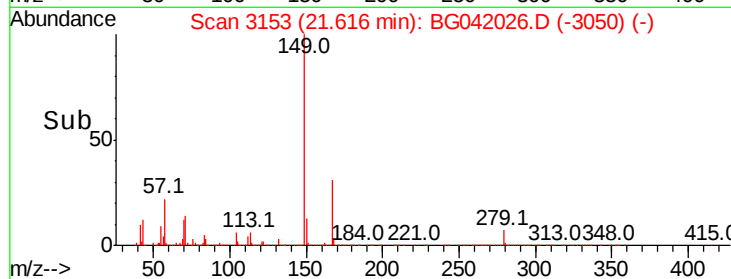
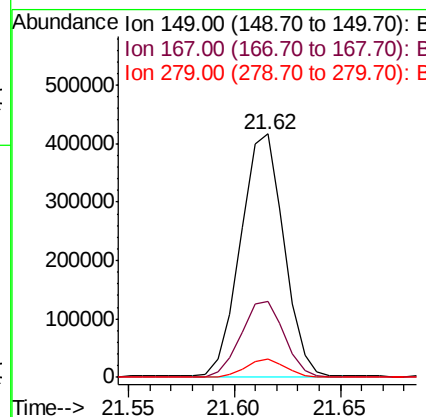
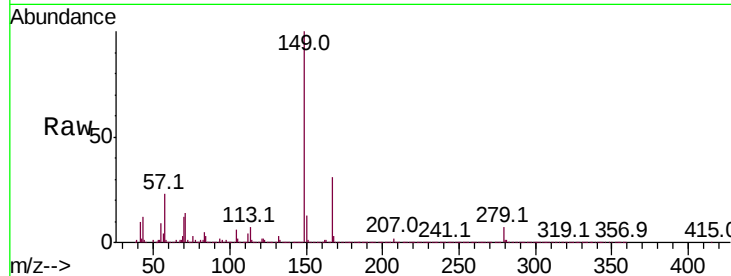




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.616 ng/ul
 RT: 21.62 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BG042026.D
 Acq: 7 Aug 2019 11:47

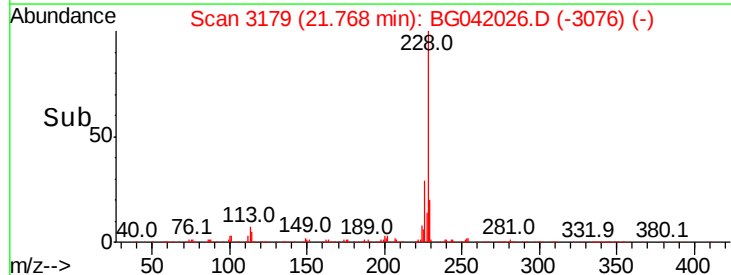
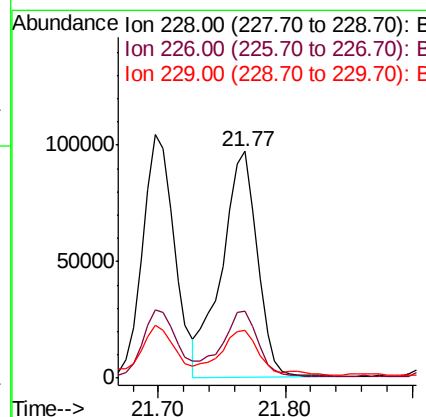
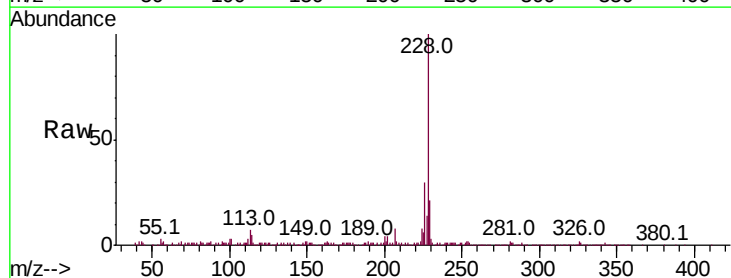
Instrument :
 BNA_G
 ClientSampled :

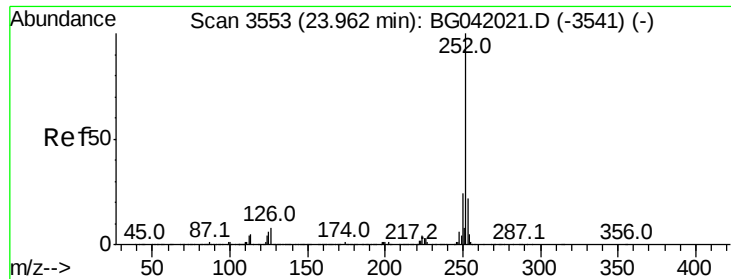
Tot Ion:149 Resp: 587492
 Ion Ratio Lower Upper
 149 100
 167 31.3 25.0 37.4
 279 7.4 5.2 7.8



#84
 Chrysene
 Concen: 5.868 ng/ul
 RT: 21.77 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: BG042026.D
 Acq: 7 Aug 2019 11:47

Tgt Ion:228 Resp: 189326
 Ion Ratio Lower Upper
 228 100
 226 29.6 25.7 38.5
 229 21.3 16.6 24.8





#87

Benzo(b)fluoranthene

Concen: 5.666 ng/ul

RT: 23.95 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BG042026.D

Acq: 7 Aug 2019 11:47

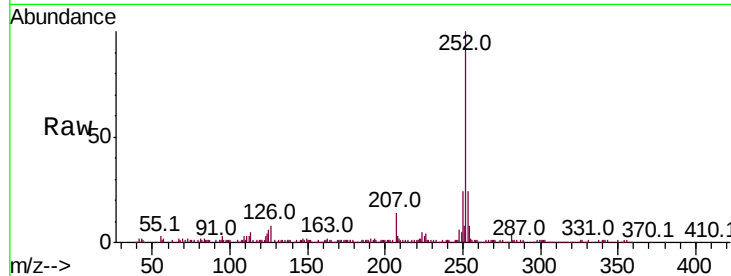
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 212219

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.4	27.6
125	6.1	5.8	8.8

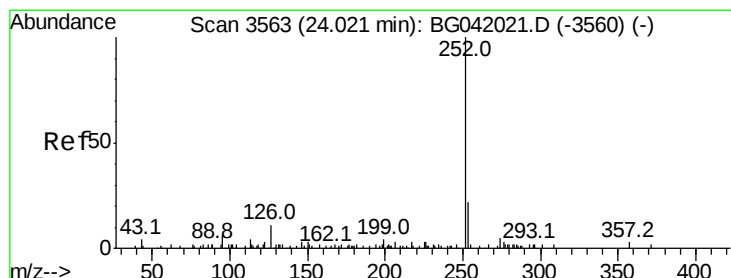
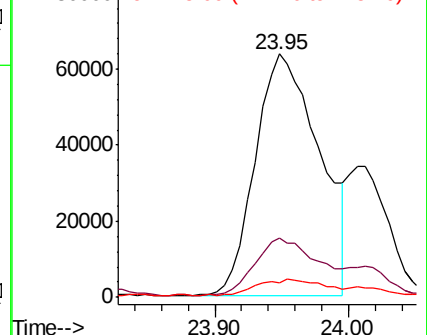
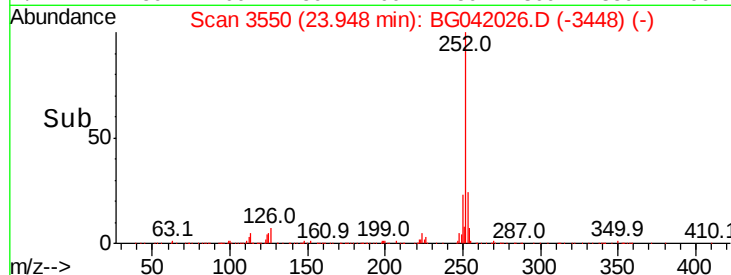


Abundance

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(k)fluoranthene

Concen: 5.893 ng/ul

RT: 23.95 min Scan# 3550

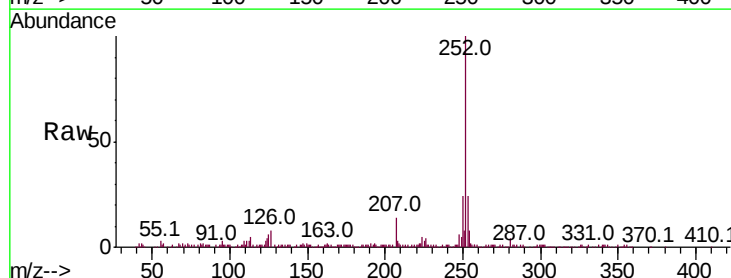
Delta R.T. -0.07 min

Lab File: BG042026.D

Acq: 7 Aug 2019 11:47

Tgt Ion:252 Resp: 212219

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.3	27.5
125	6.1	5.5	8.3

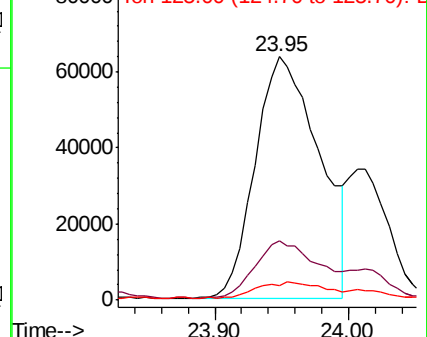
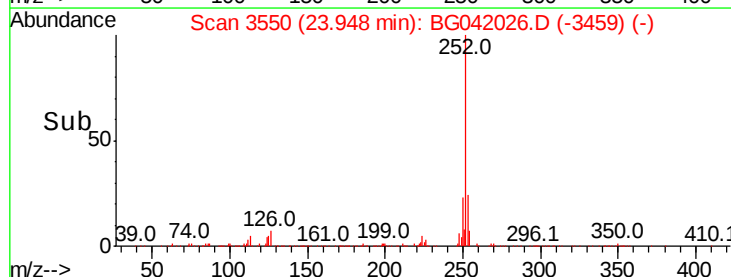


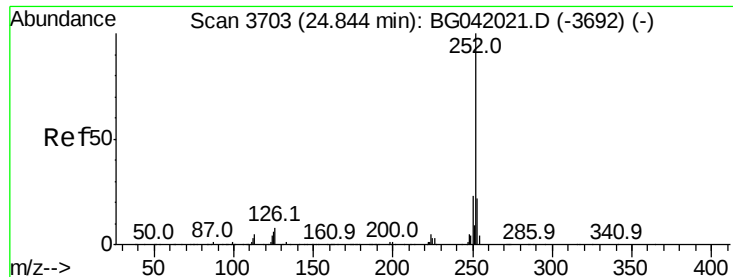
Abundance

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

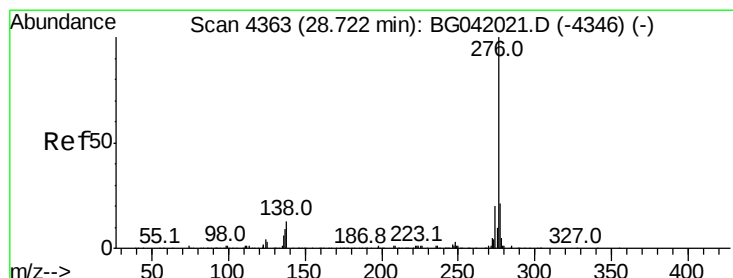
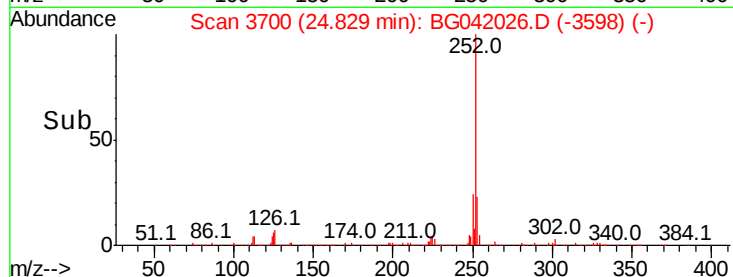
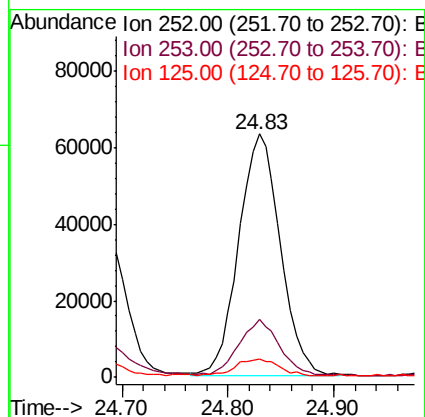
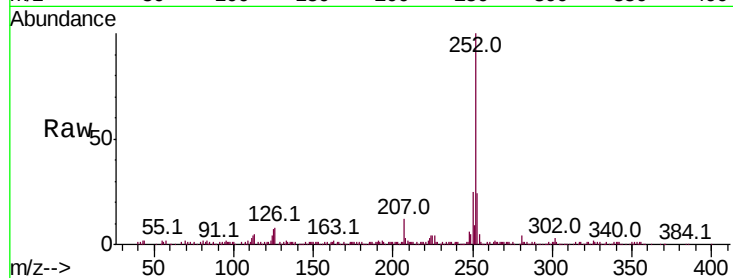




#90
Benzo(a)pyrene
Concen: 4.813 ng/ul
RT: 24.83 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BG042026.D
Acq: 7 Aug 2019 11:47

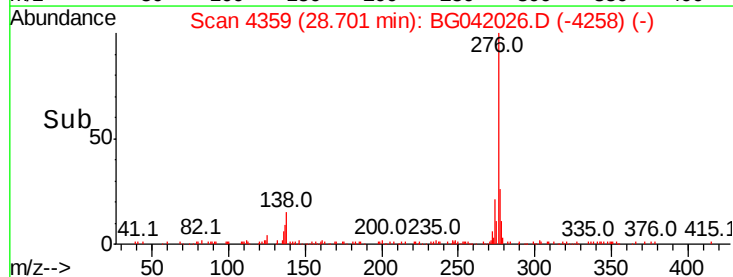
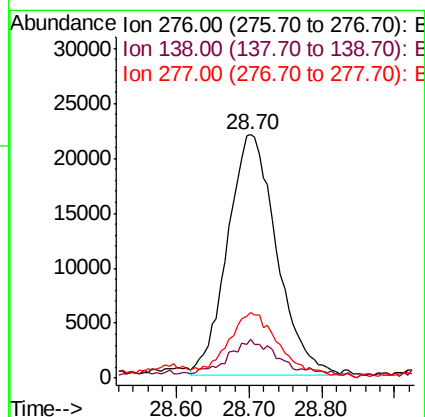
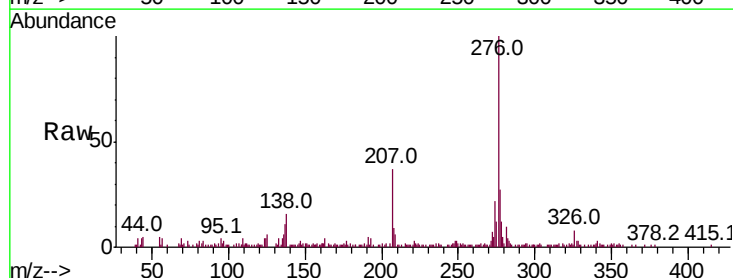
Instrument :
BNA_G
ClientSampleId :

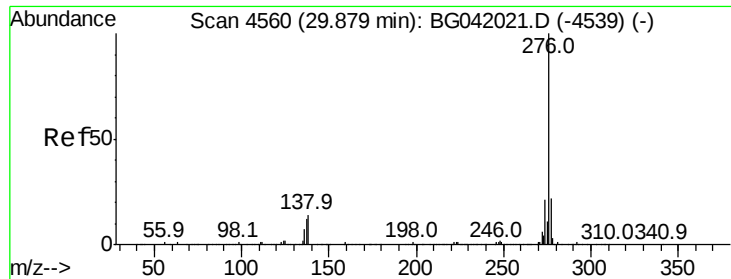
Tot Ion:252 Resp: 171794
Ion Ratio Lower Upper
252 100
253 23.9 18.3 27.5
125 7.4 6.5 9.7



#91
Indeno(1,2,3-cd)pyrene
Concen: 2.482 ng/ul
RT: 28.70 min Scan# 4359
Delta R.T. -0.01 min
Lab File: BG042026.D
Acq: 7 Aug 2019 11:47

Tgt Ion:276 Resp: 103312
Ion Ratio Lower Upper
276 100
138 15.7 12.0 18.0
277 26.8 19.2 28.8





#93

Benzo(a,h,i)perylene

Concen: 1.661 ng/ul

RT: 29.85 min Scan# 4555

Delta R.T. -0.02 min

Lab File: BG042026.D

Acq: 7 Aug 2019 11:47

Instrument :

BNA_G

ClientSampleId :

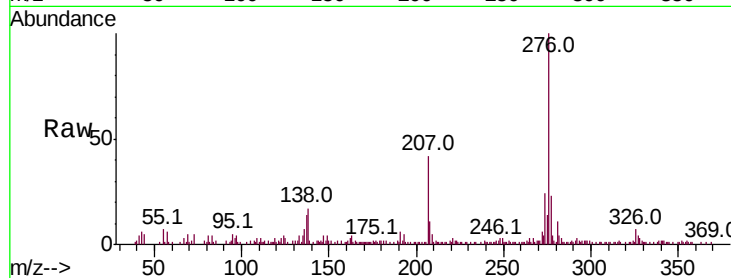
Tot Ion: 276 Resp: 57739

Ion Ratio Lower Upper

276 100

138 17.0 12.6 18.8

277 22.5 19.2 28.8



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

