

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042088.D
 Acq On : 9 Aug 2019 5:41
 Operator : HP/JU
 Sample : K4116-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 09 16:24:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 16:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	80725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	340430	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	242999	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	522687	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	512883	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	593381	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	5718	3.10	ng/uL	0.00
5) Phenol-d5	7.18	99	120099	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	64652	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	109066	20.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	89088	16.75	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	55679	21.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	67893	22.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	125991	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	115026	17.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	401034	21.28	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	478409	22.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	42031	13.28	ng/ul	0.00
57) Fluorene-d10	15.68	176	361470	21.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	55504	16.55	ng/ul	0.00
70) Anthracene-d10	17.54	188	559577	22.31	ng/ul	0.00
78) Pyrene-d10	19.82	212	639102	22.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	698164	22.52	ng/ul	0.00

Target Compounds

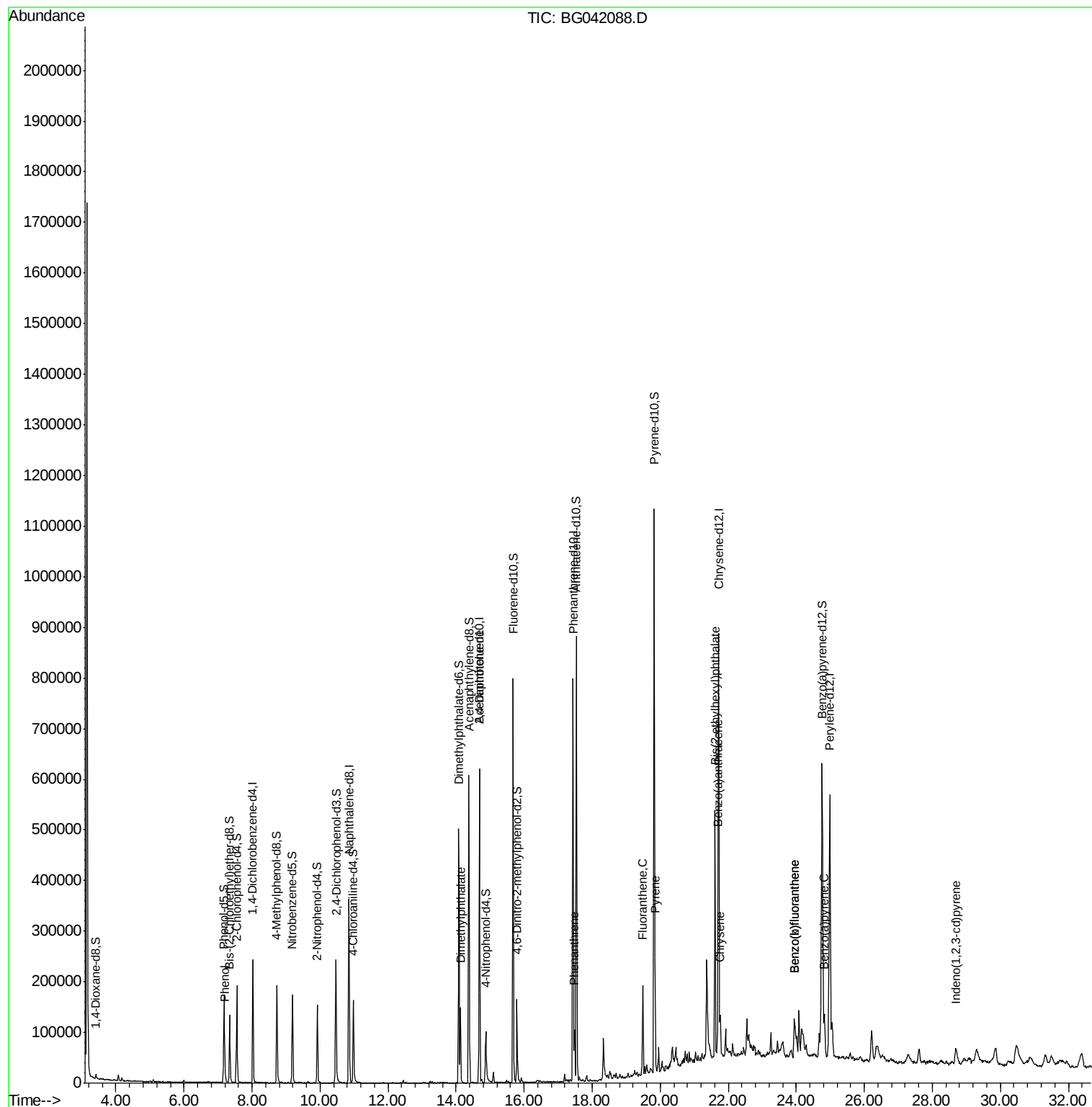
					Ovalue
6) Phenol	7.20	94	19267	2.946 ng/ul	96
44) Dimethylphthalate	14.13	163	114106	6.098 ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	31844	5.381 ng/ul#	42
69) Phenanthrene	17.48	178	64528	2.255 ng/ul	100
76) Fluoranthene	19.49	202	121103	3.663 ng/ul	98
79) Pyrene	19.85	202	123247	3.572 ng/ul	97
82) Benzo(a)anthracene	21.70	228	73068	2.055 ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.61	149	233628	12.610 ng/ul	99
84) Chrysene	21.77	228	69175	2.084 ng/ul	96
87) Benzo(b)fluoranthene	23.95	252	106531	2.861 ng/ul	96
88) Benzo(k)fluoranthene	23.95	252	106531	2.975 ng/ul	96
90) Benzo(a)pyrene	24.83	252	90697	2.556 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.70	276	60593	1.464 ng/ul	94

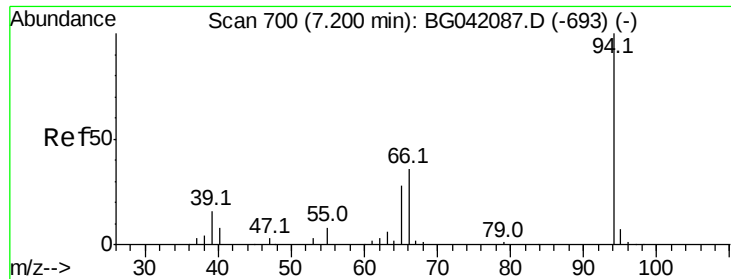
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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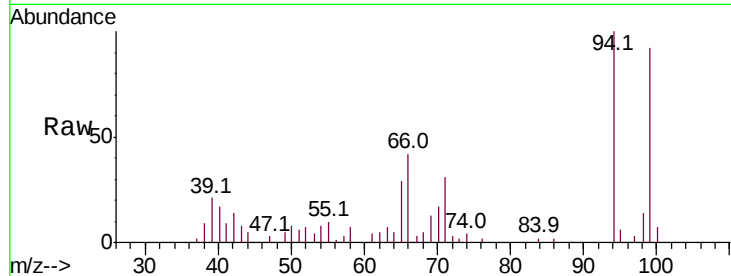
#6

Phenol

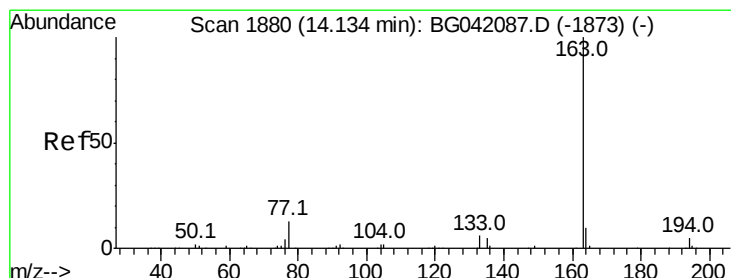
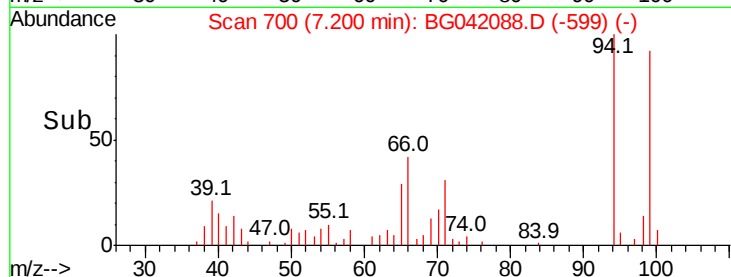
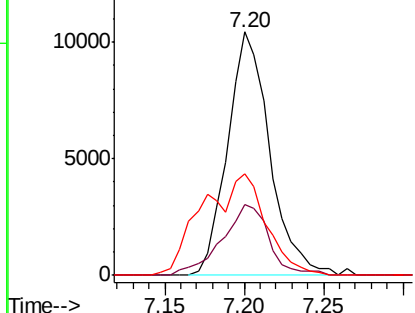
Concen: 2.946 ng/ul
 RT: 7.20 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BG042088.D
 Acq: 9 Aug 2019 5:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.3	25.8	38.6
66	41.9	31.8	47.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC
 Ion 66.00 (65.70 to 66.70): BGC

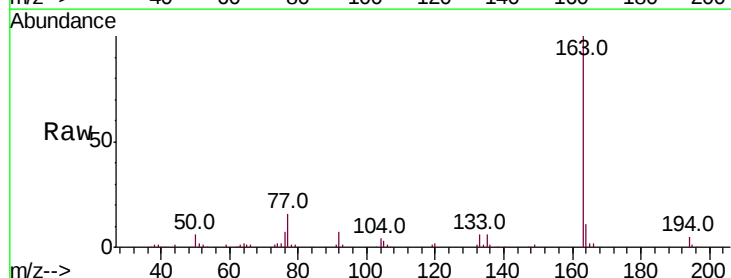


#44

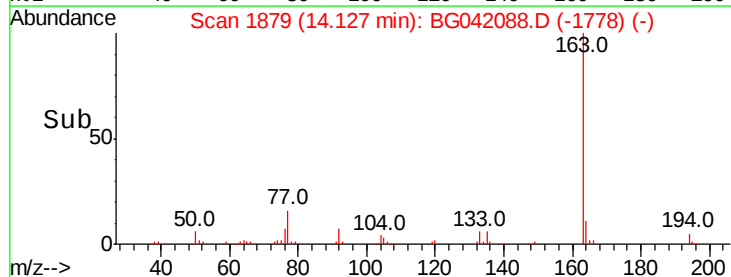
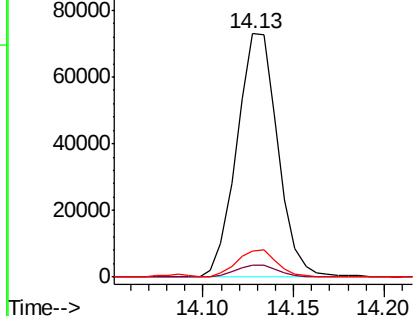
Dimethylphthalate

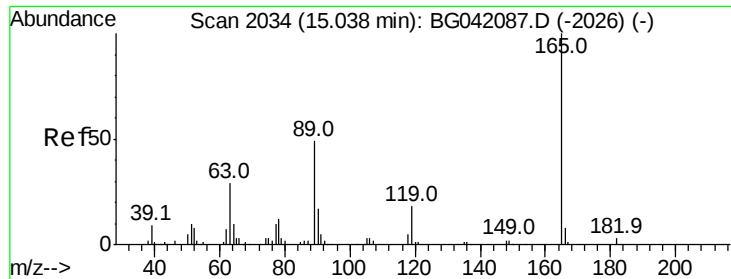
Concen: 6.098 ng/ul
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BG042088.D
 Acq: 9 Aug 2019 5:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.2	6.2
164	10.5	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: 5.381 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. -0.36 min

Lab File: BG042088.D

Acq: 9 Aug 2019 5:41

Instrument :

BNA_G

ClientSampled :

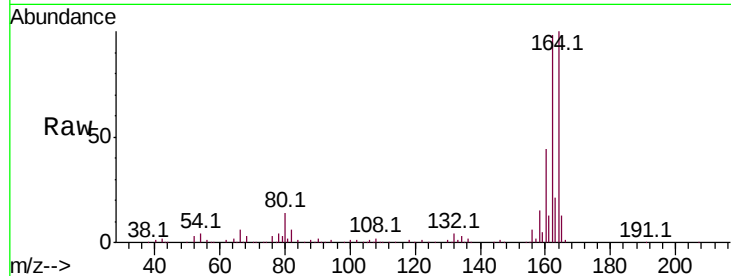
Tot Ion:165 Resp: 31844

Ion Ratio Lower Upper

165 100

63 0.0 29.4 44.2#

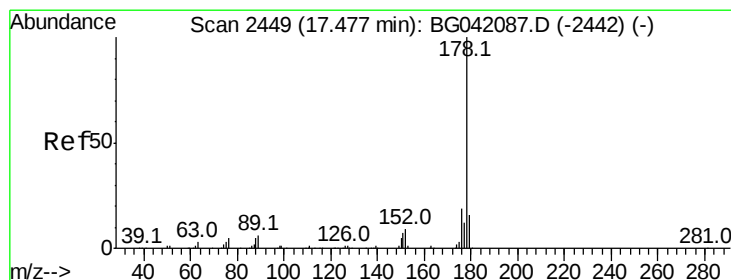
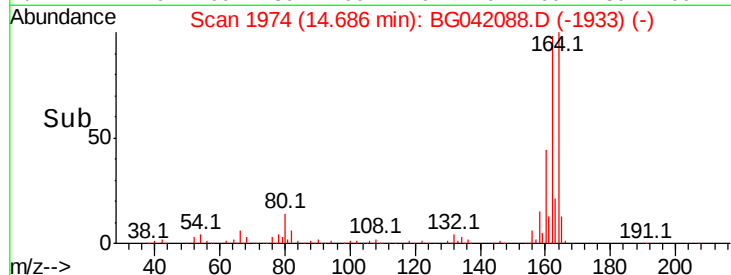
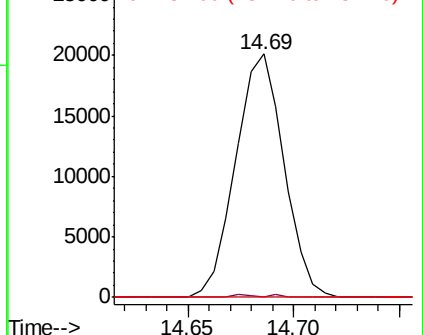
182 0.0 2.6 4.0#



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: 2.255 ng/ul

RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042088.D

Acq: 9 Aug 2019 5:41

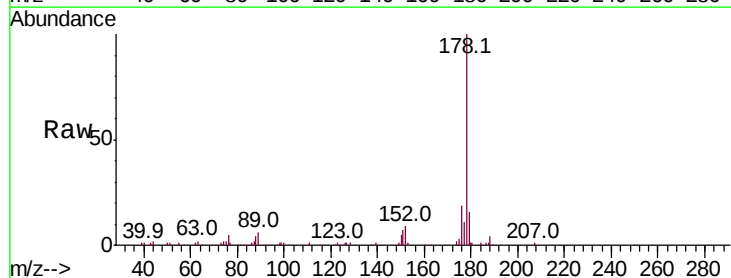
Tgt Ion:178 Resp: 64528

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

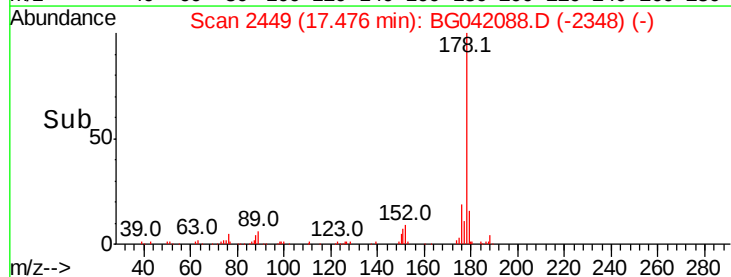
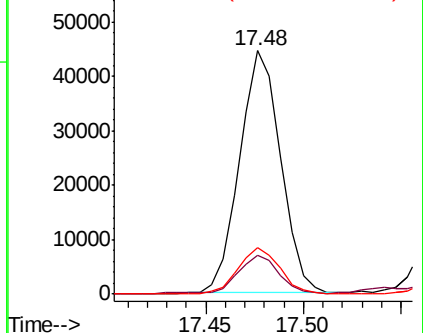
176 19.0 15.4 23.2

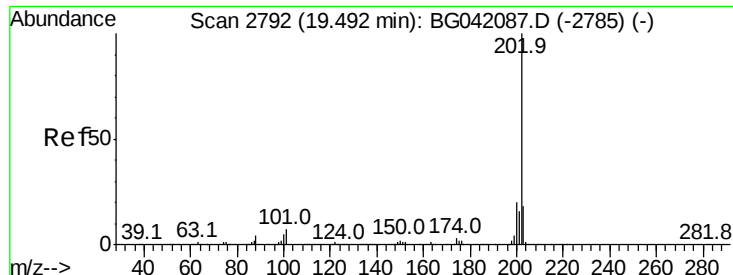


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 3.663 ng/ul

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG042088.D

Acq: 9 Aug 2019 5:41

Instrument :

BNA_G

ClientSampleId :

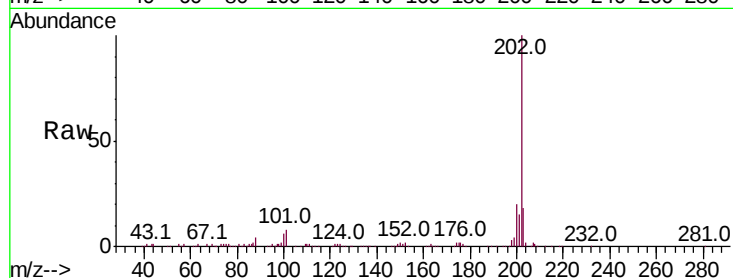
Tot Ion:202 Resp: 121103

Ion Ratio Lower Upper

202 100

101 7.9 6.7 10.1

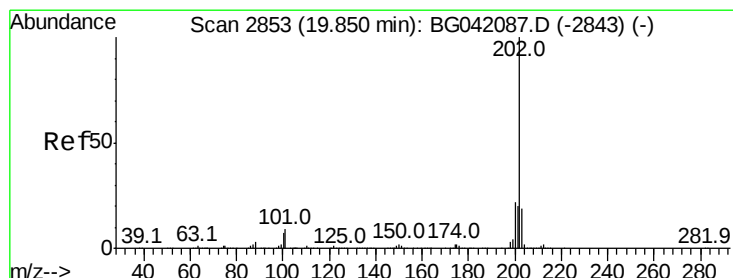
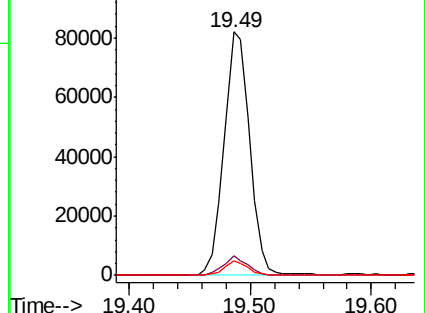
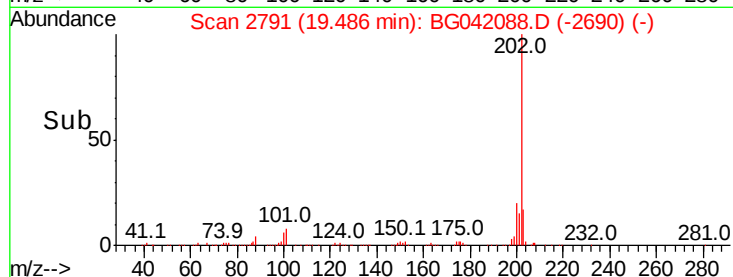
100 5.8 5.3 7.9



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

Pyrene

Concen: 3.572 ng/ul

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG042088.D

Acq: 9 Aug 2019 5:41

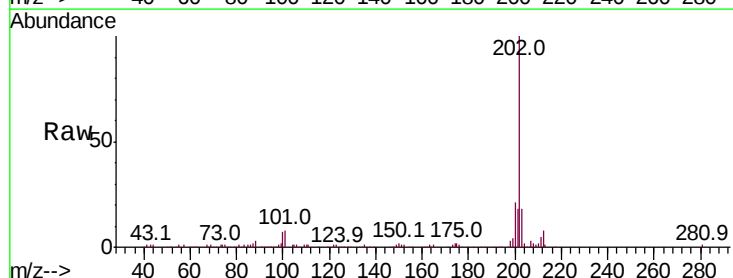
Tgt Ion:202 Resp: 123247

Ion Ratio Lower Upper

202 100

101 8.4 7.6 11.4

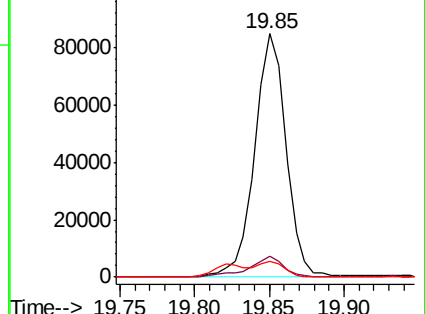
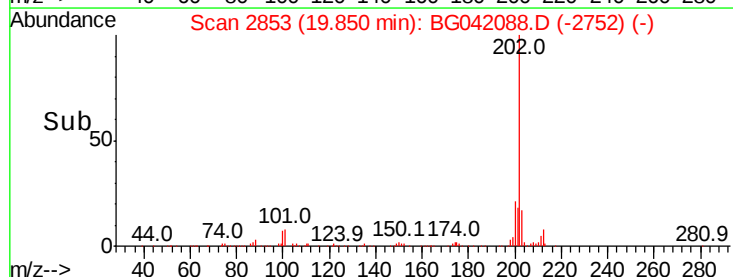
100 6.7 6.5 9.7

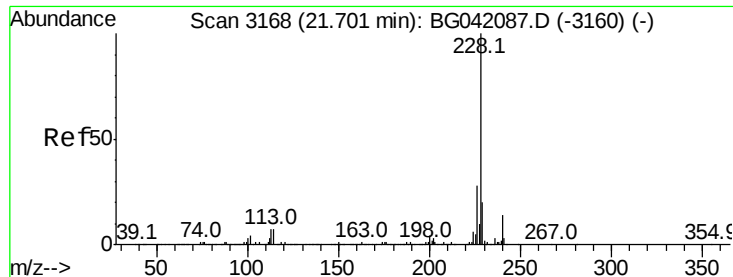


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.055 ng/ul

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG042088.D

Acq: 9 Aug 2019 5:41

Instrument :

BNA_G

ClientSampleId :

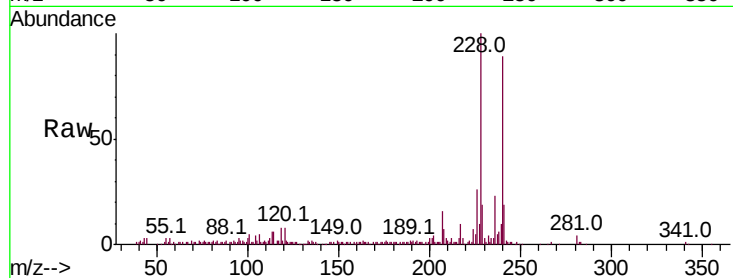
Tot Ion:228 Resp: 73068

Ion Ratio Lower Upper

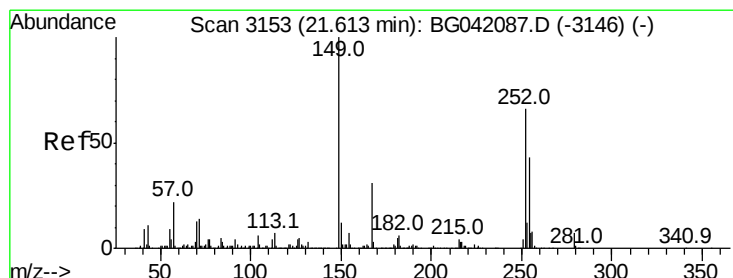
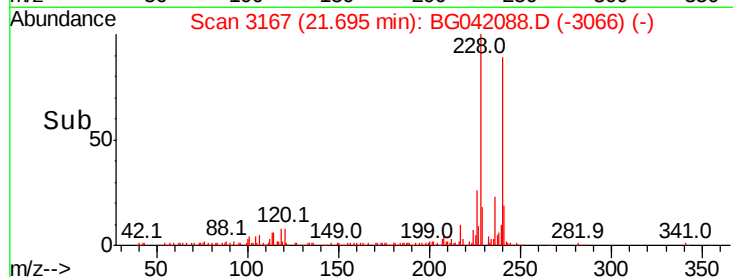
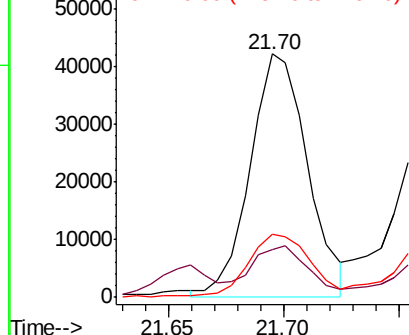
228 100

229 19.5 17.0 25.6

226 26.0 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: 12.610 ng/ul

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG042088.D

Acq: 9 Aug 2019 5:41

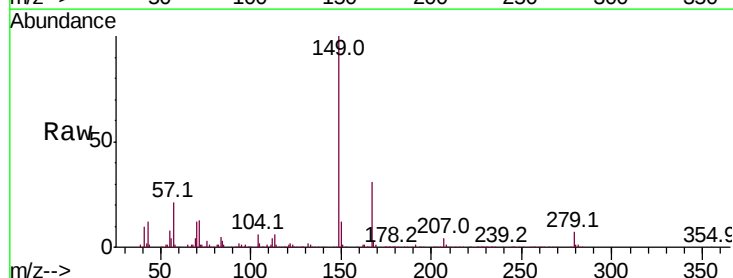
Tgt Ion:149 Resp: 233628

Ion Ratio Lower Upper

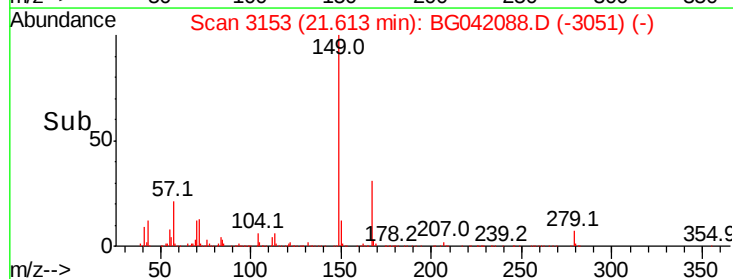
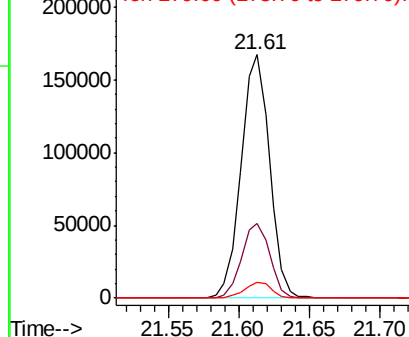
149 100

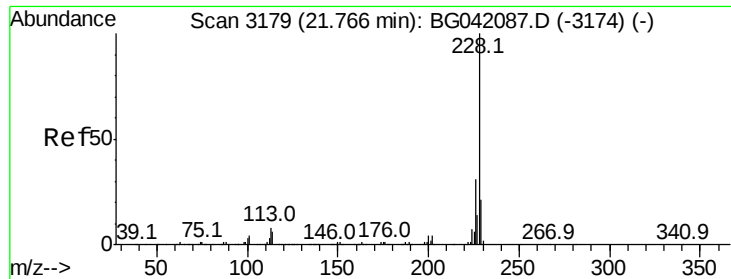
167 30.8 25.0 37.4

279 6.7 5.2 7.8



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





#84

Chrysene

Concen: 2.084 ng/ul

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG042088.D

Acq: 9 Aug 2019 5:41

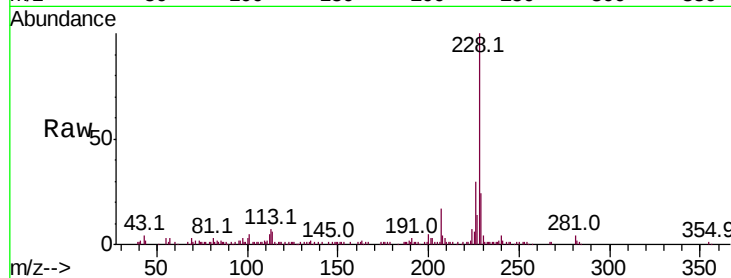
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 69175

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.7	38.5
229	23.6	16.6	24.8

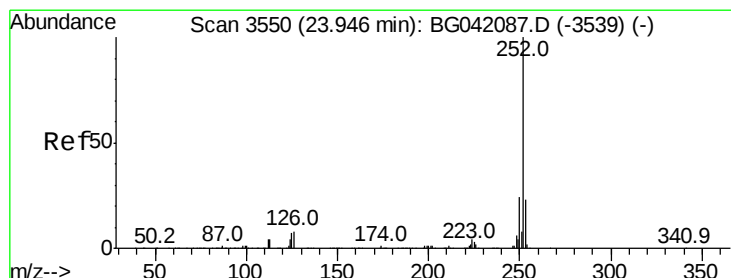
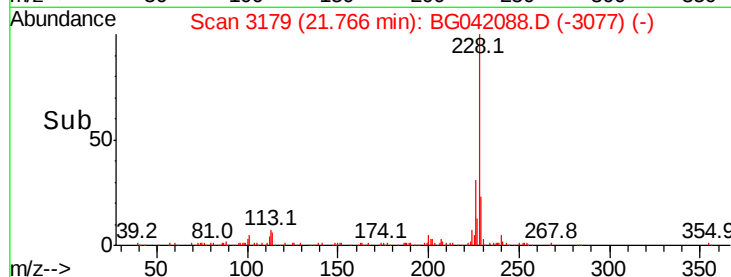
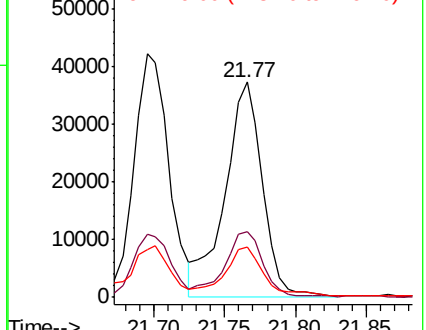


Abundance

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



#87

Benzo(b)fluoranthene

Concen: 2.861 ng/ul

RT: 23.95 min Scan# 3550

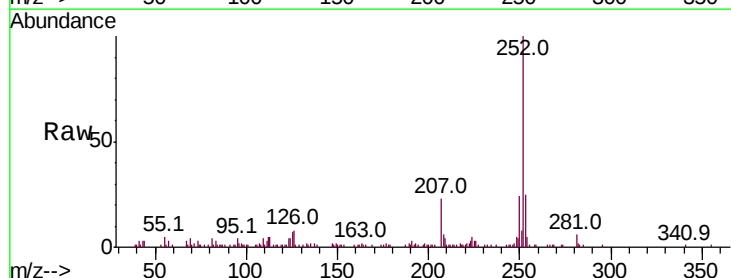
Delta R.T. -0.00 min

Lab File: BG042088.D

Acq: 9 Aug 2019 5:41

Tgt Ion:252 Resp: 106531

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.4	27.6
125	6.7	5.8	8.8

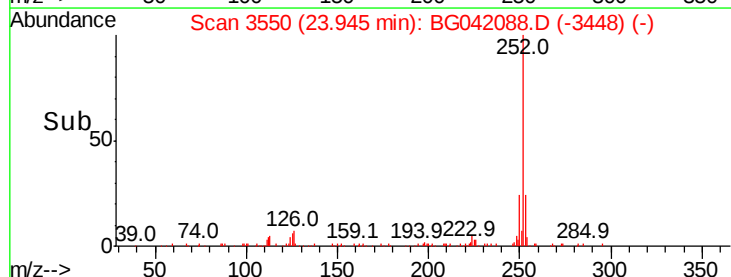
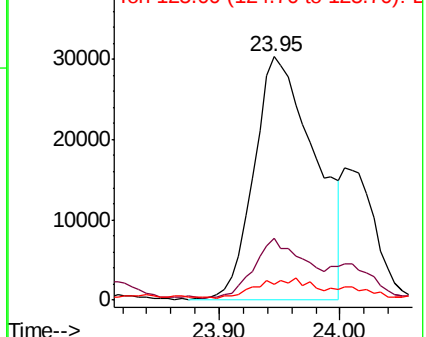


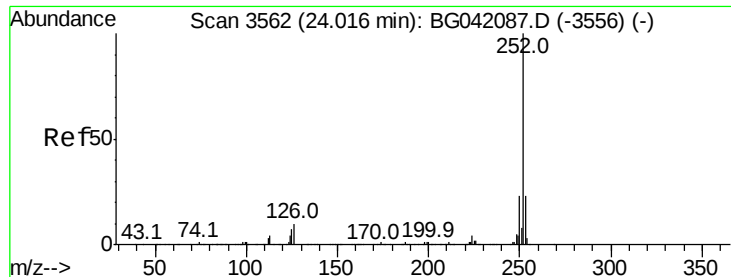
Abundance

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

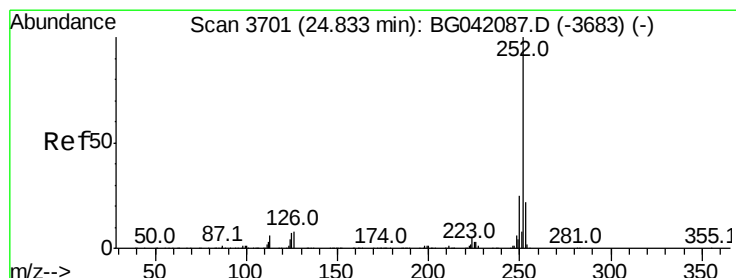
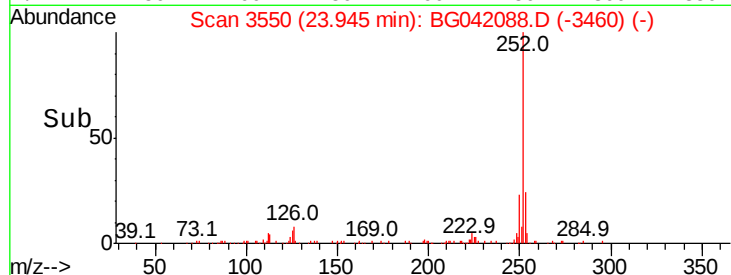
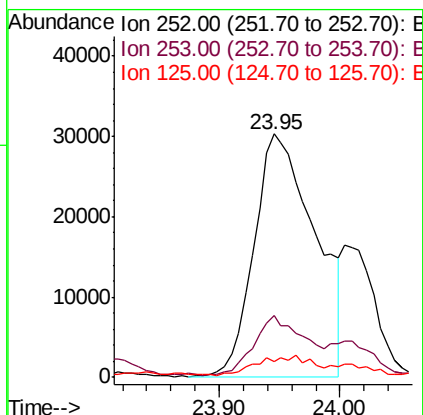
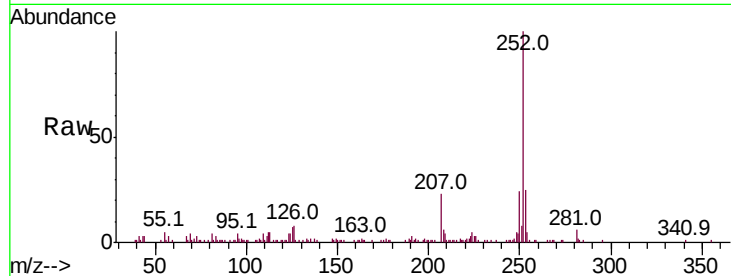




#88
Benzo(k)fluoranthene
Concen: 2.975 ng/ul
RT: 23.95 min Scan# 3550
Delta R.T. -0.07 min
Lab File: BG042088.D
Acq: 9 Aug 2019 5:41

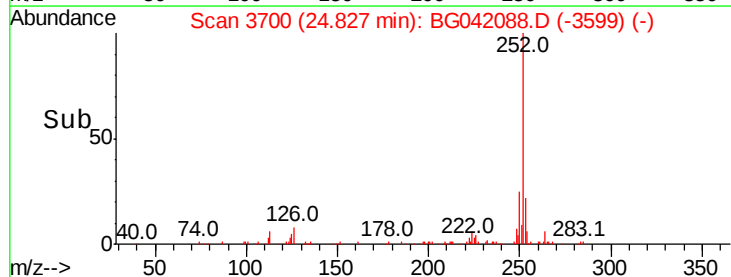
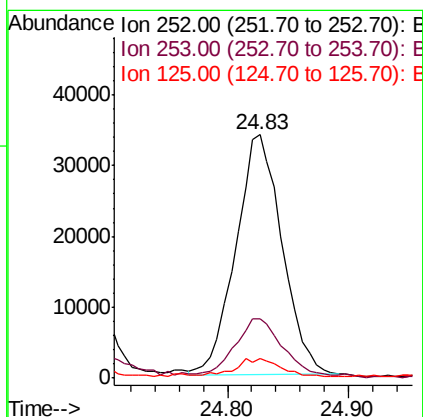
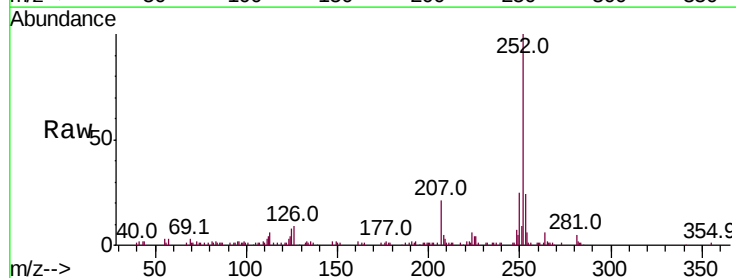
Instrument :
BNA_G
ClientSampleId :

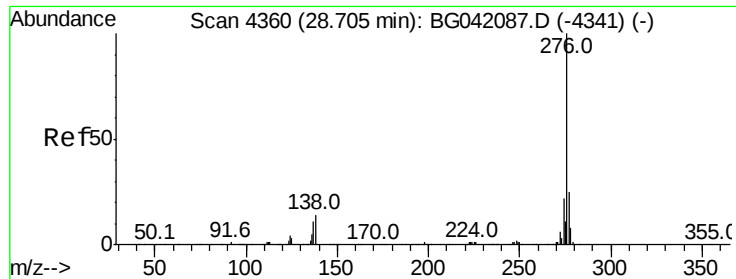
Tot Ion:252 Resp: 106531
Ion Ratio Lower Upper
252 100
253 25.5 18.3 27.5
125 6.7 5.5 8.3



#90
Benzo(a)pyrene
Concen: 2.556 ng/ul
RT: 24.83 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG042088.D
Acq: 9 Aug 2019 5:41

Tgt Ion:252 Resp: 90697
Ion Ratio Lower Upper
252 100
253 24.2 18.3 27.5
125 8.1 6.5 9.7





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.464 ng/ul

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042088.D

Acq: 9 Aug 2019 5:41

Instrument :

BNA_G

ClientSampleId :

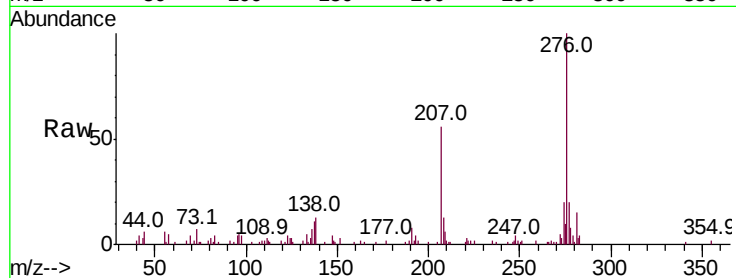
Tot Ion: 276 Resp: 60593

Ion Ratio Lower Upper

276 100

138 13.5 12.0 18.0

277 20.2 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

