

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028476.D
 Acq On : 25 Aug 2017 1:24
 Operator : SJ/JU
 Sample : I4840-18
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AN3

Quant Time: Aug 25 03:53:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 03:52:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	41719	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	187890	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.94	164	134827	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	324255	20.00	ng/ul	0.00
75) Chrysene-d12	22.02	240	386099	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	380062	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.86	96	69	0.08	ng/uL	0.04
5) Phenol-d5	7.49	99	75507	16.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	47048	16.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	55370	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	49377	12.89	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	29184	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	35453	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	63876	19.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	45914	12.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	236350	19.71	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	268027	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	26383	13.84	ng/ul	0.00
57) Fluorene-d10	15.94	176	205850	19.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.05	200	35419	16.81	ng/ul	0.00
70) Anthracene-d10	17.69	188	324255	20.85	ng/ul	-0.10
76) Pyrene-d10	20.07	212	393424	19.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	381180	21.42	ng/ul	0.00

Target Compounds

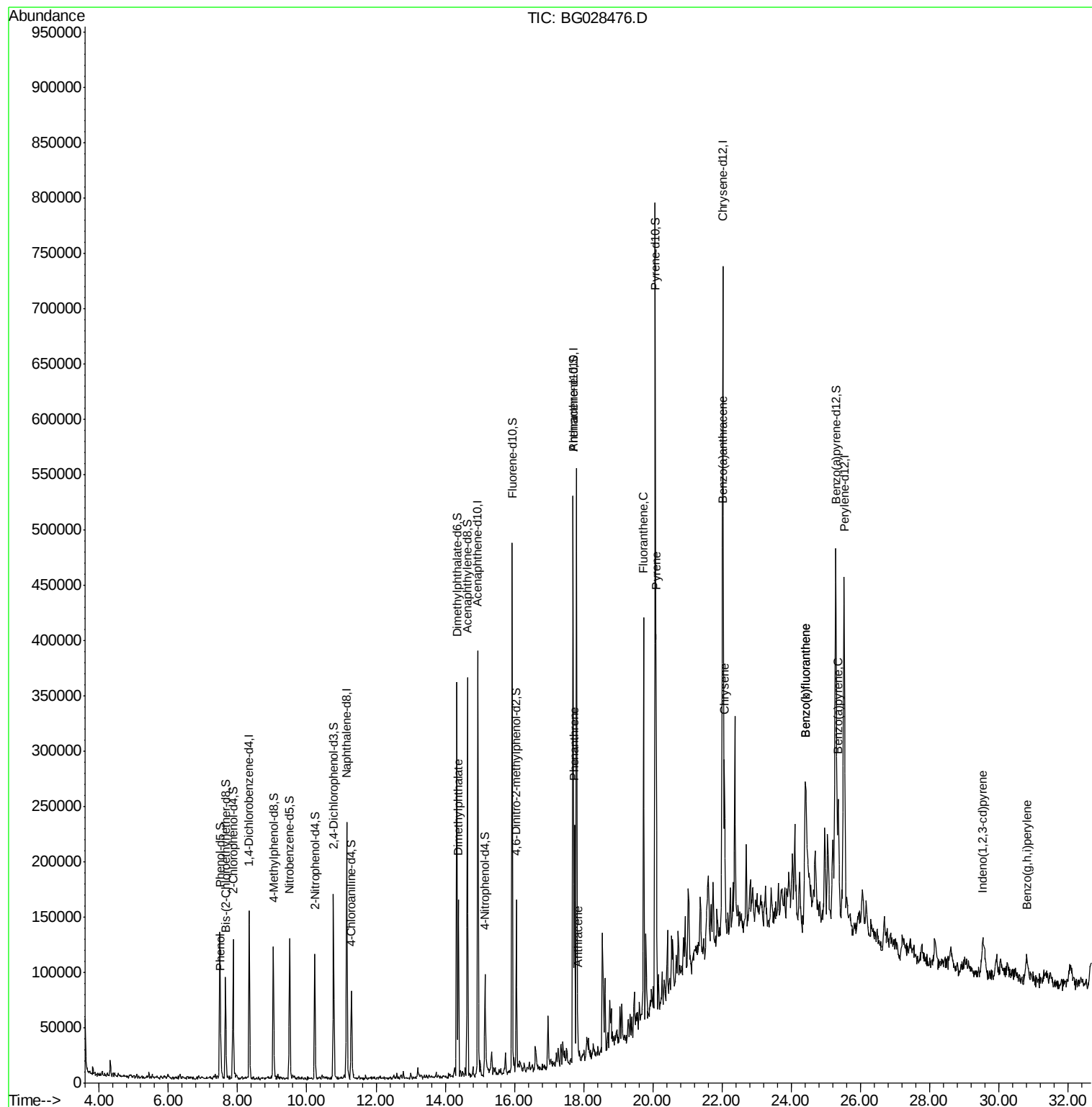
					Ovalue
6) Phenol	7.51	94	9768	2.145 ng/ul	97
44) Dimethylphthalate	14.38	163	100600	9.111 ng/ul	98
69) Phenanthrene	17.74	178	134999	8.273 ng/ul	96
71) Anthracene	17.83	178	23052	1.382 ng/ul	98
74) Fluoranthene	19.73	202	235311	11.865 ng/ul	98
77) Pyrene	20.10	202	217880	9.459 ng/ul	99
80) Benzo(a)anthracene	22.00	228	126904	5.689 ng/ul	96
82) Chrysene	22.07	228	127602	6.351 ng/ul	97
85) Benzo(b)fluoranthene	24.40	252	151312	6.653 ng/ul	98
86) Benzo(k)fluoranthene	24.40	252	151312	6.811 ng/ul	97
88) Benzo(a)pyrene	25.36	252	109789	4.986 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.54	276	67756	2.628 ng/ul	96
91) Benzo(g,h,i)perylene	30.80	276	54563	2.572 ng/ul	97

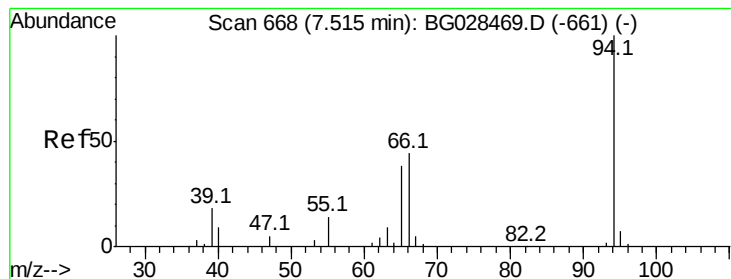
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#6

Phenol

Concen: 2.145 ng/ul

RT: 7.51 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Instrument :

BNA_G

ClientSampleId :

B0AN3

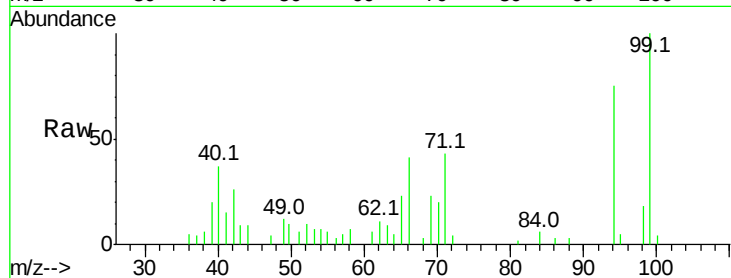
Tot Ion: 94 Resp: 9768

Ion Ratio Lower Upper

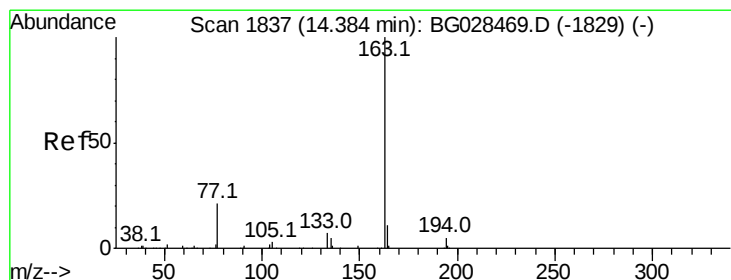
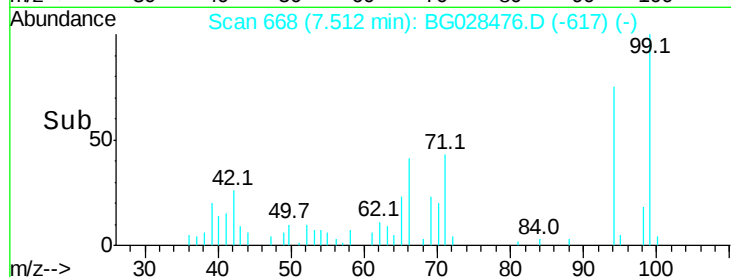
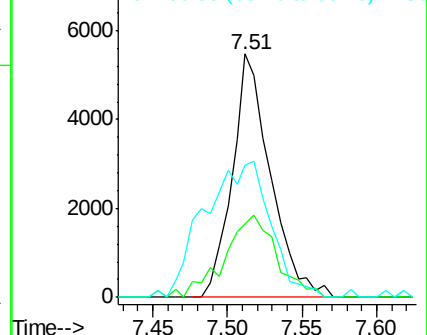
94 100

65 30.2 26.8 40.2

66 54.5 44.4 66.6



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: 9.111 ng/ul

RT: 14.38 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

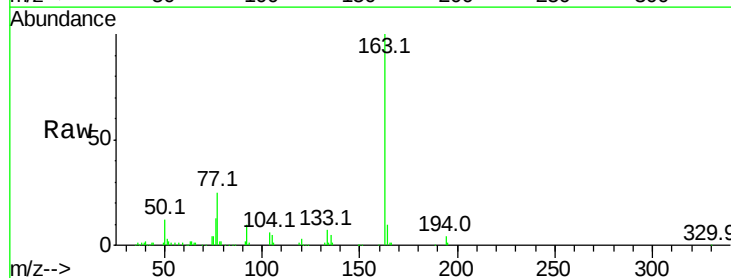
Tgt Ion:163 Resp: 100600

Ion Ratio Lower Upper

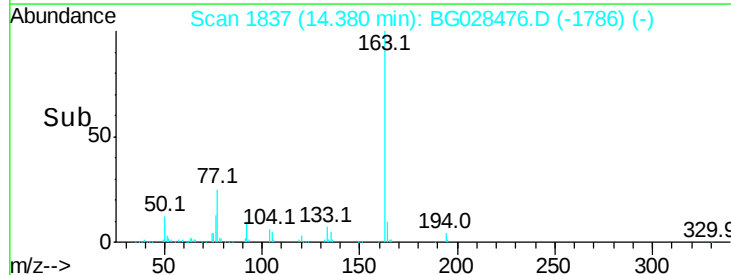
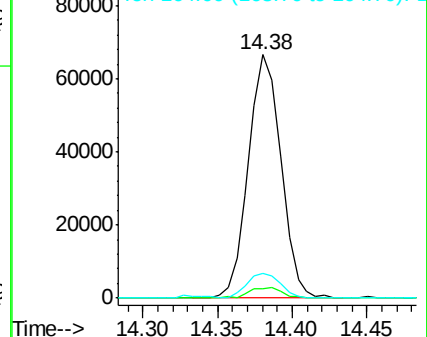
163 100

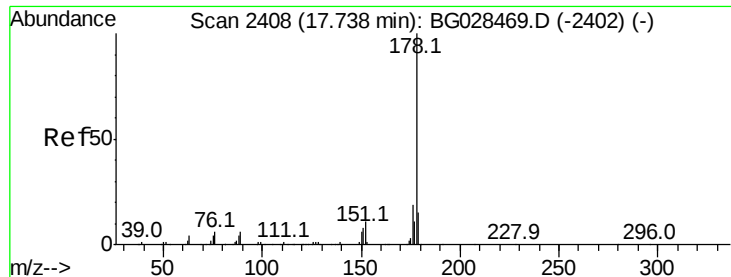
194 3.6 3.4 5.0

164 10.2 9.0 13.4



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





#69

Phenanthrene

Concen: 8.273 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Instrument :

BNA_G

ClientSampleId :

B0AN3

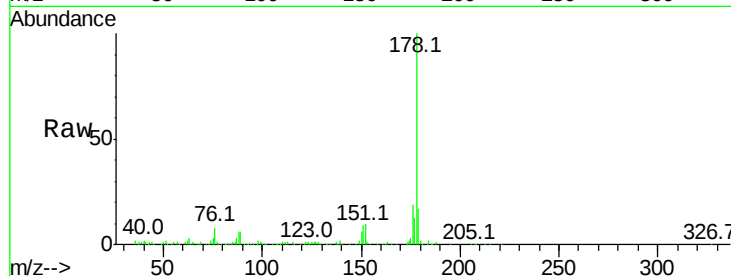
Tot Ion:178 Resp: 134999

Ion Ratio Lower Upper

178 100

179 17.5 12.4 18.6

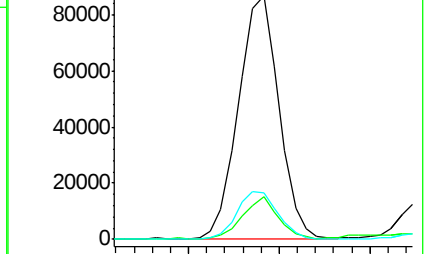
176 19.2 16.5 24.7



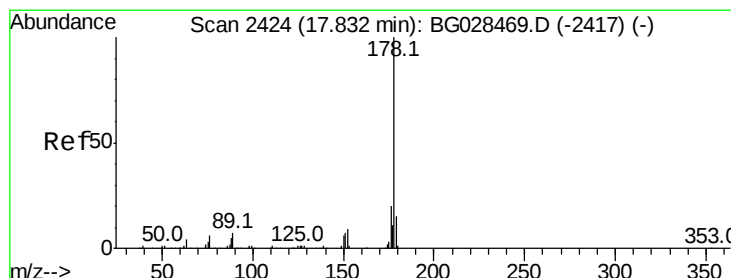
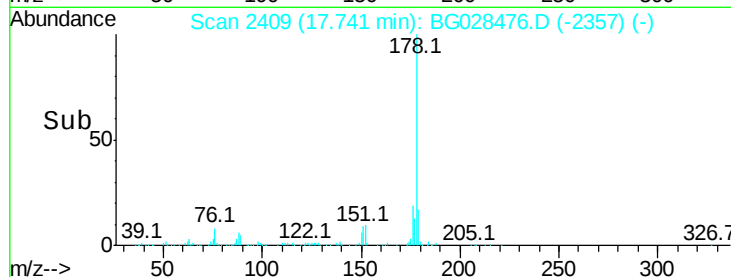
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 1.382 ng/ul

RT: 17.83 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

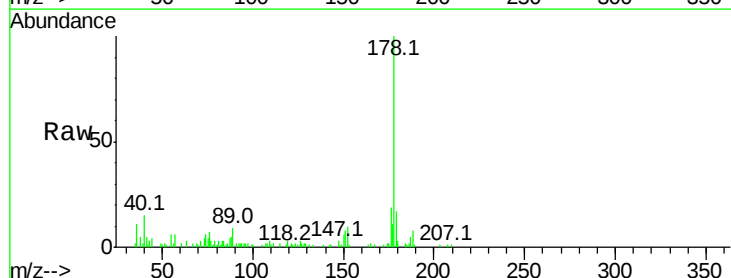
Tgt Ion:178 Resp: 23052

Ion Ratio Lower Upper

178 100

179 17.1 12.6 19.0

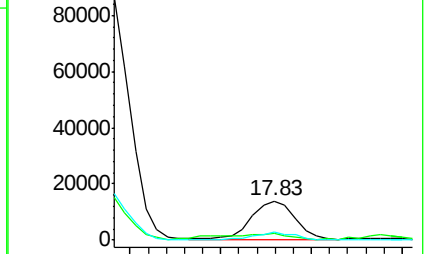
176 19.1 15.9 23.9



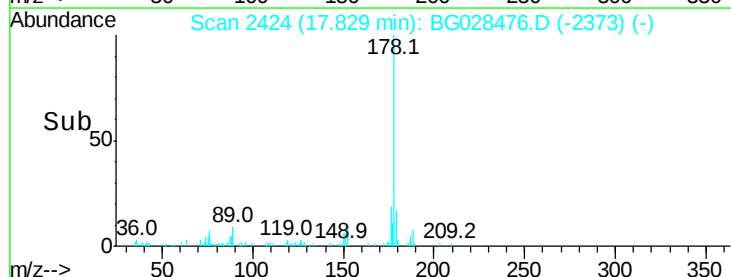
Abundance Ion 178.00 (177.70 to 178.70): E

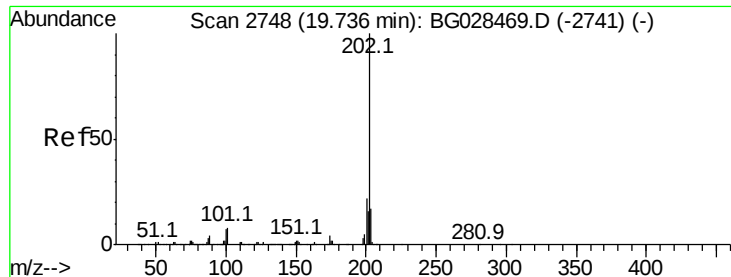
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#74

Fluoranthene

Concen: 11.865 ng/ul

RT: 19.73 min Scan# 2748

Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Instrument :

BNA_G

ClientSampleId :

B0AN3

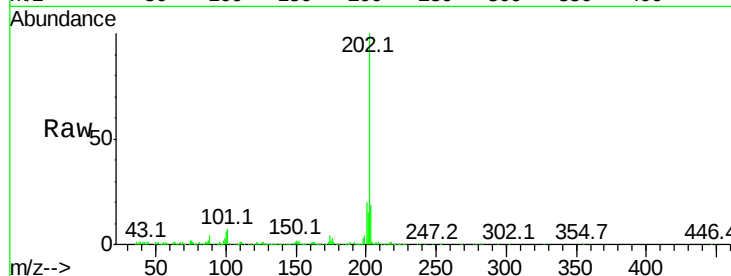
Tot Ion:202 Resp: 235311

Ion Ratio Lower Upper

202 100

101 7.1 6.2 9.2

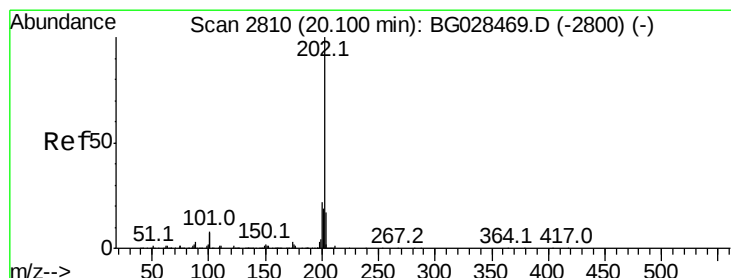
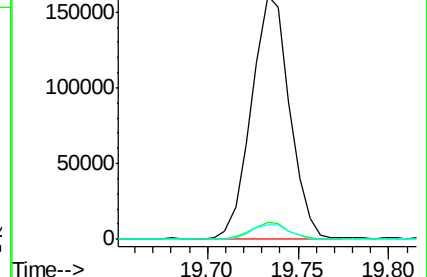
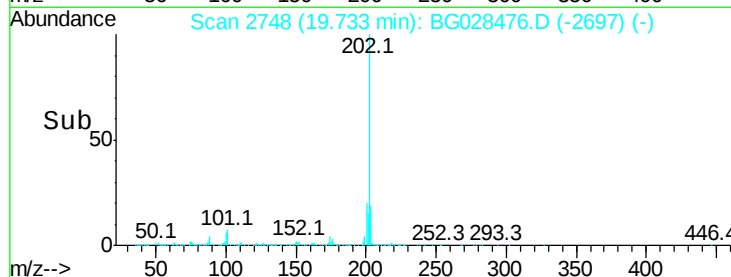
100 5.8 5.2 7.8



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



#77

Pyrene

Concen: 9.459 ng/ul

RT: 20.10 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

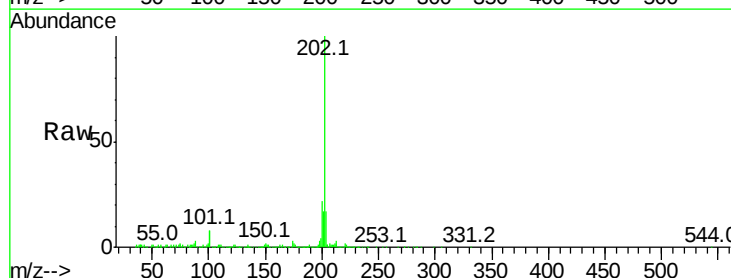
Tgt Ion:202 Resp: 217880

Ion Ratio Lower Upper

202 100

101 8.4 6.9 10.3

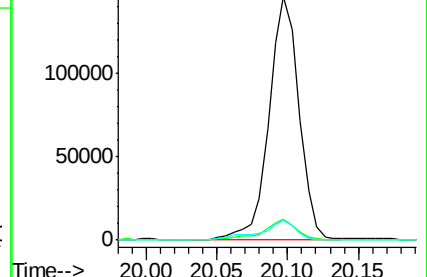
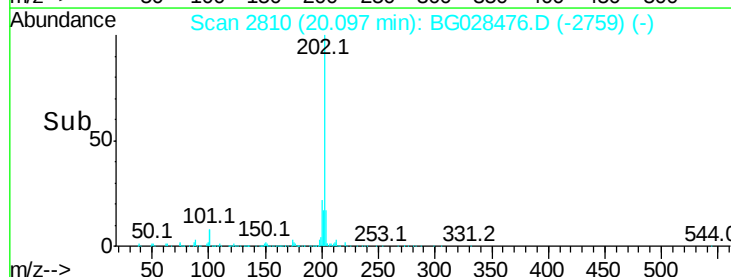
100 7.8 6.6 10.0

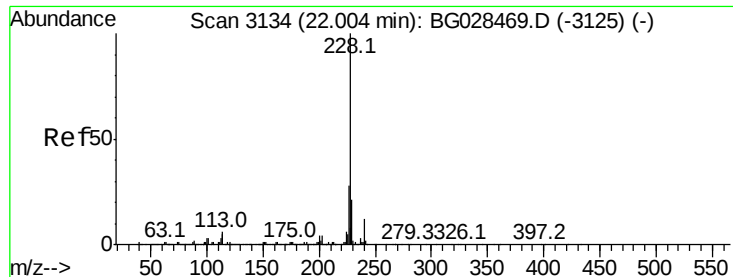


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 5.689 ng/ul

RT: 22.00 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Instrument :

BNA_G

ClientSampleId :

B0AN3

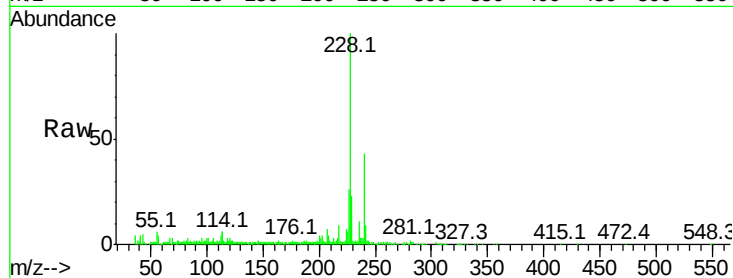
Tot Ion:228 Resp: 126904

Ion Ratio Lower Upper

228 100

229 22.5 16.3 24.5

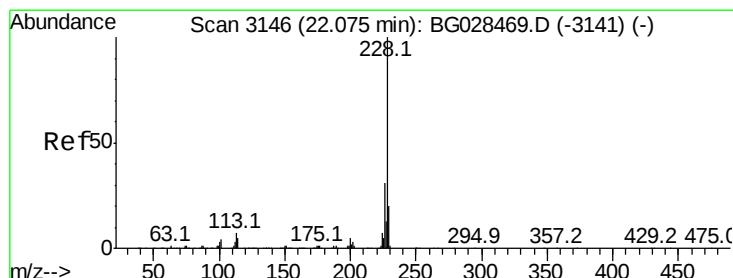
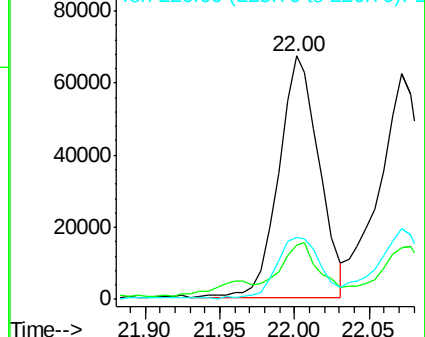
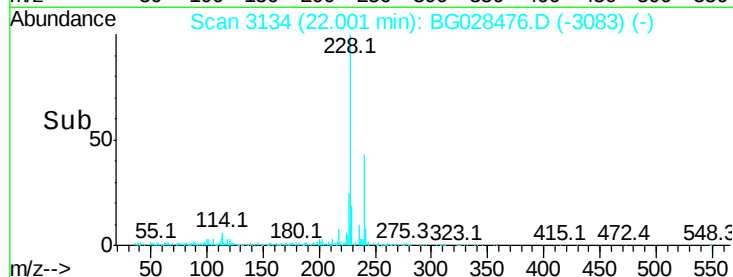
226 25.6 21.9 32.9



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



#82

Chrysene

Concen: 6.351 ng/ul

RT: 22.07 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

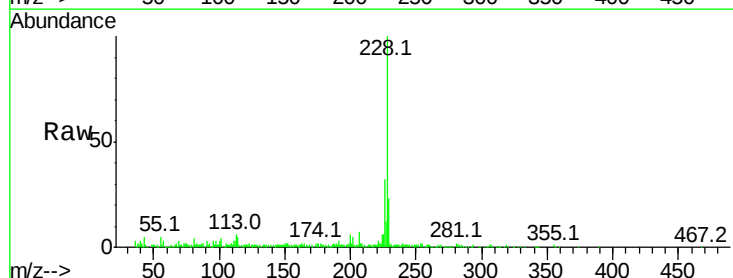
Tgt Ion:228 Resp: 127602

Ion Ratio Lower Upper

228 100

226 31.6 24.0 36.0

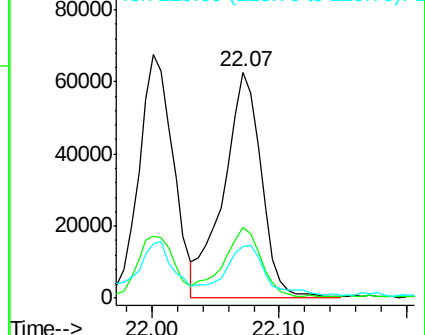
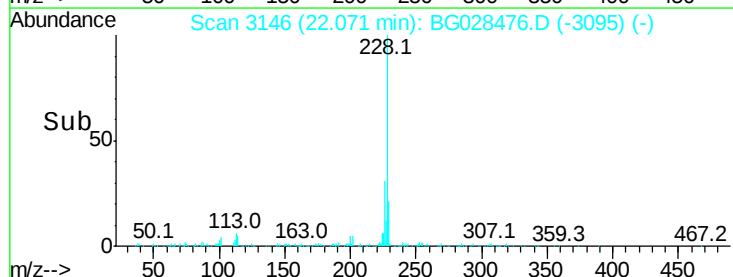
229 22.6 16.9 25.3

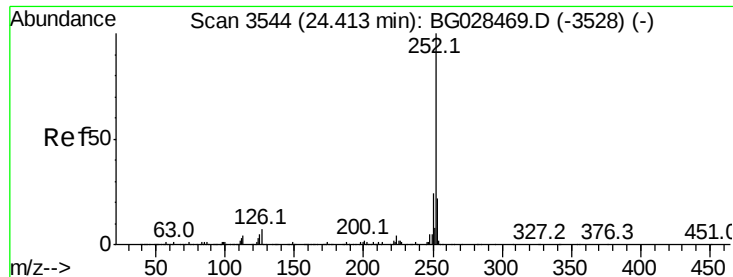


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 6.653 ng/ul

RT: 24.40 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

Instrument :

BNA_G

ClientSampleId :

B0AN3

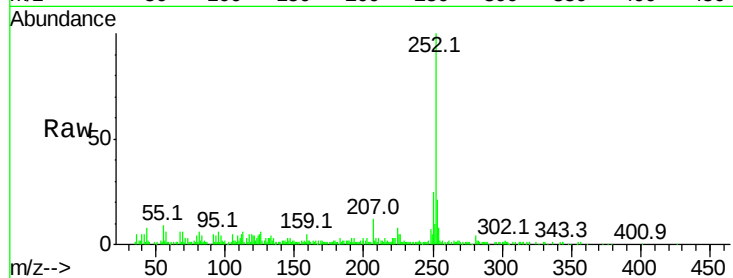
Tot Ion:252 Resp: 151312

Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

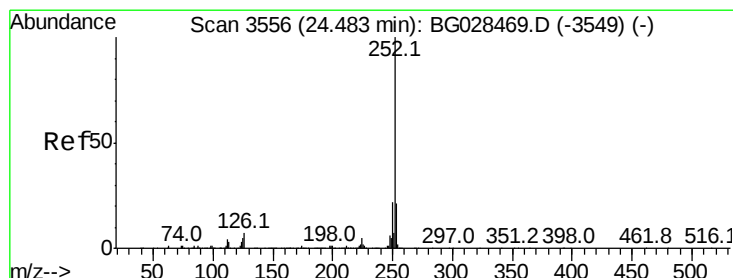
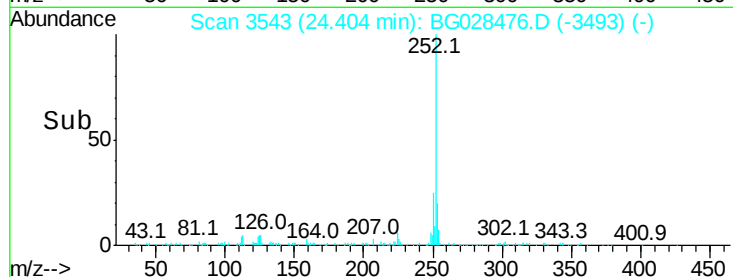
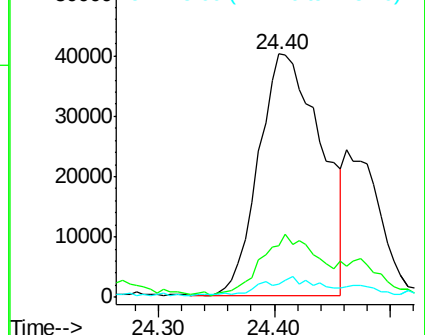
125 5.5 4.0 6.0



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: 6.811 ng/ul

RT: 24.40 min Scan# 3543

Delta R.T. -0.08 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

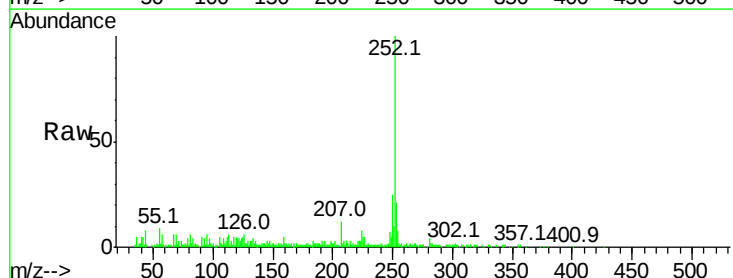
Tgt Ion:252 Resp: 151312

Ion Ratio Lower Upper

252 100

253 21.4 18.5 27.7

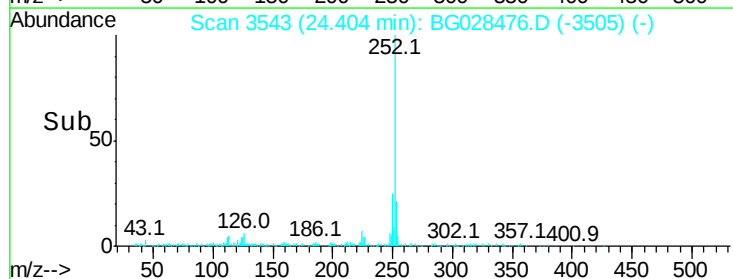
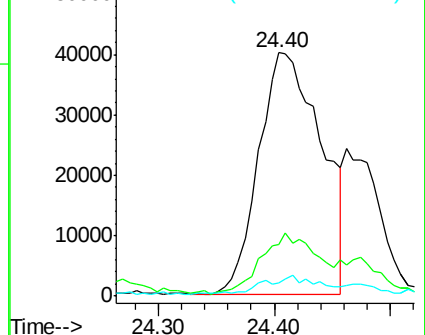
125 5.5 4.1 6.1

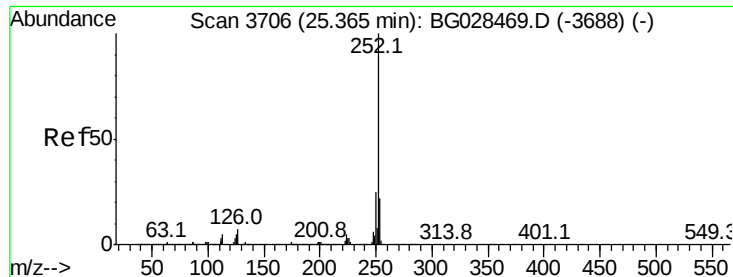


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 4.986 ng/ul

RT: 25.36 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

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ClientSampleId :

B0AN3

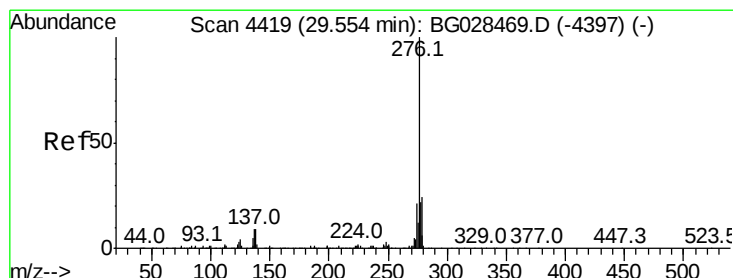
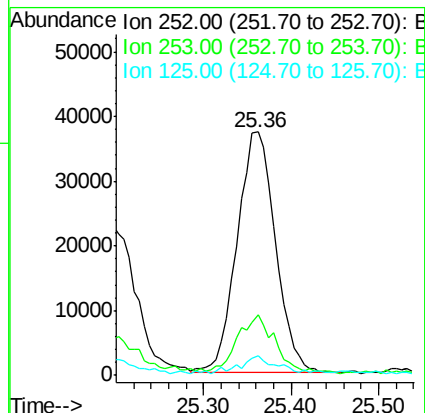
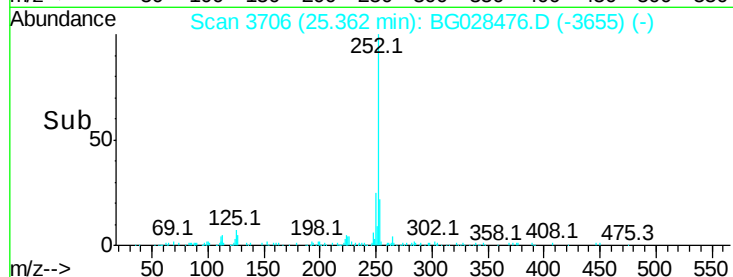
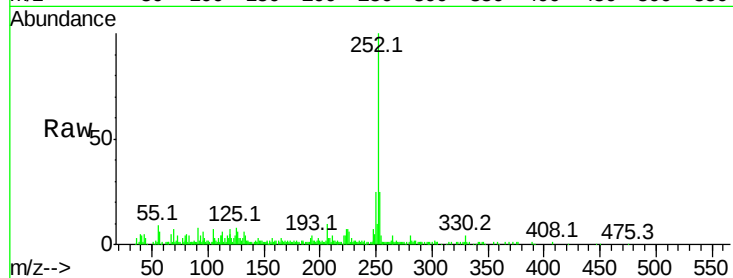
Tot Ion:252 Resp: 109789

Ion Ratio Lower Upper

252 100

253 24.7 17.8 26.6

125 8.1 5.4 8.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.628 ng/ul

RT: 29.54 min Scan# 4417

Delta R.T. -0.01 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

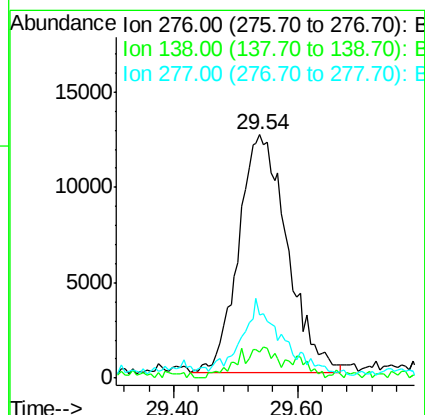
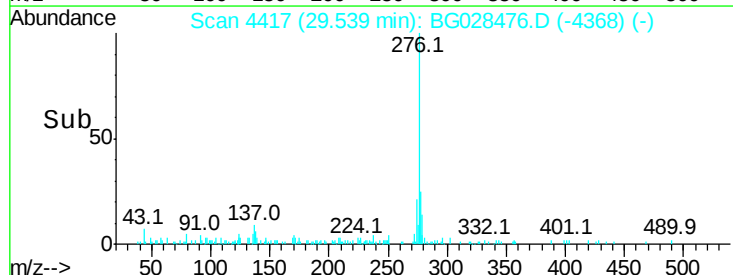
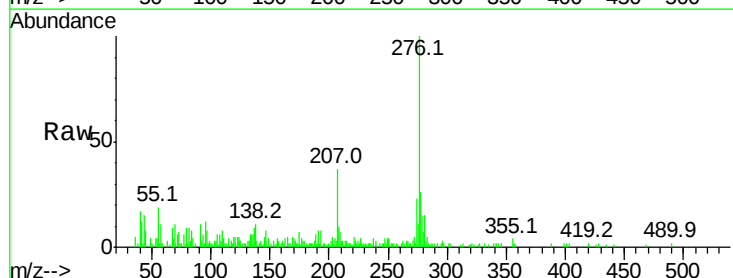
Tgt Ion:276 Resp: 67756

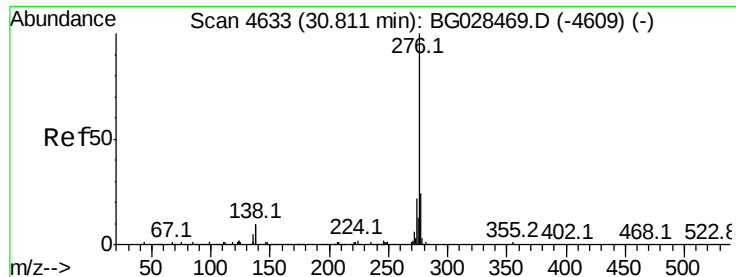
Ion Ratio Lower Upper

276 100

138 10.7 8.2 12.4

277 26.1 18.6 28.0





#91

Benzo(a,h,i)perylene

Concen: 2.572 ng/ul

RT: 30.80 min Scan# 4632

Delta R.T. -0.01 min

Lab File: BG028476.D

Acq: 25 Aug 2017 1:24

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B0AN3

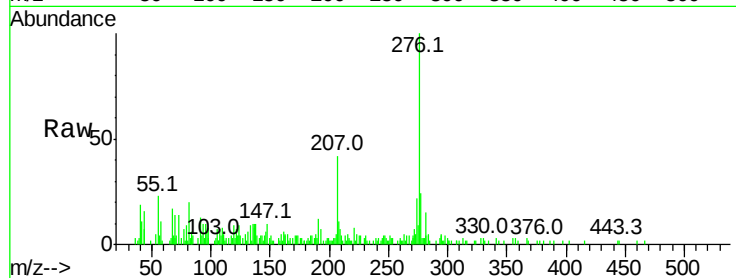
Tot Ion:276 Resp: 54563

Ion Ratio Lower Upper

276 100

138 9.9 8.6 12.8

277 23.8 17.6 26.4



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

