

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029215.D
 Acq On : 14 Oct 2017 6:49
 Operator : SJ/JU
 Sample : I5574-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 14 23:20:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	91603	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	401076	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	243935	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	584004	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	556354	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	548920	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	13240	5.88	ng/uL	0.00
5) Phenol-d5	7.31	99	269691	30.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	171396	31.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	194982	31.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	203338	28.64	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	102867	35.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	105590	35.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	201274	29.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	210664	26.97	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	672443	32.24	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	824425	32.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	103517	26.89	ng/ul	0.00
57) Fluorene-d10	15.77	176	588148	34.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	73355	25.73	ng/ul	0.00
70) Anthracene-d10	17.62	188	893522	32.35	ng/ul	0.00
76) Pyrene-d10	19.89	212	922765	32.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	808079	31.08	ng/ul	0.00

Target Compounds

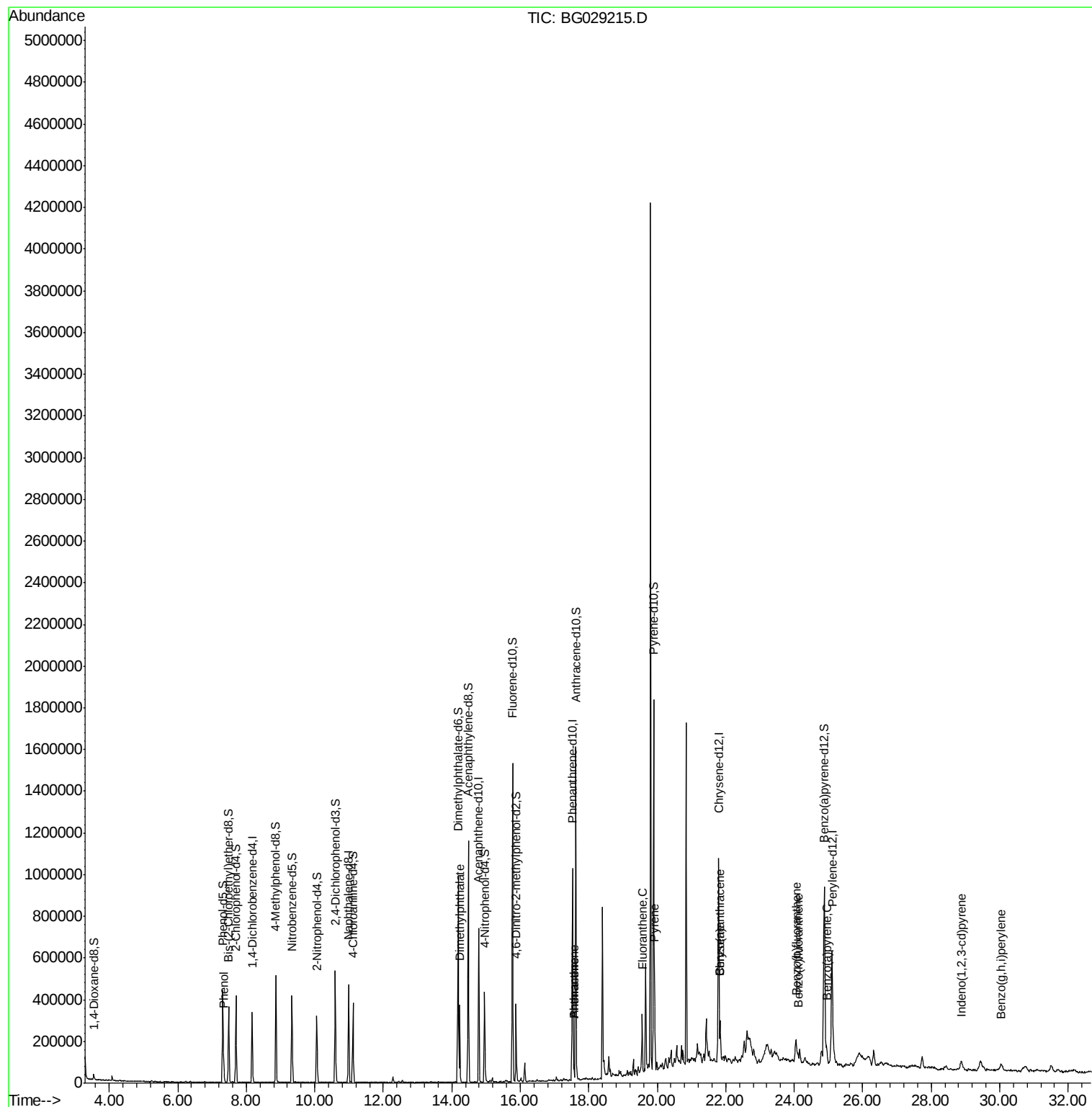
						Ovalue
6) Phenol	7.34	94	50673	5.57	ng/ul	87
44) Dimethylphthalate	14.23	163	239249	11.76	ng/ul	98
69) Phenanthrene	17.57	178	48114	1.52	ng/ul	96
71) Anthracene	17.57	178	48114	1.48	ng/ul	96
74) Fluoranthene	19.56	202	143308	4.06	ng/ul#	93
77) Pyrene	19.92	202	196710	5.28	ng/ul#	90
80) Benzo(a)anthracene	21.84	228	134804	3.87	ng/ul	95
82) Chrysene	21.84	228	134845	4.26	ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	129305	3.92	ng/ul#	94
86) Benzo(k)fluoranthene	24.11	252	39730	1.25	ng/ul#	94
88) Benzo(a)pyrene	24.95	252	91760	2.86	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	28.87	276	59129	1.63	ng/ul#	86
91) Benzo(g,h,i)perylene	30.04	276	55148	1.83	ng/ul#	88

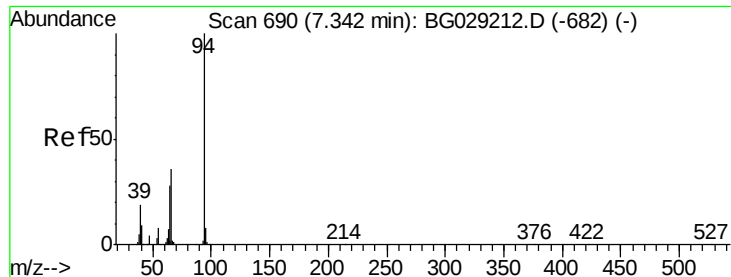
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.57 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Instrument :

BNA_G

ClientSampleId :

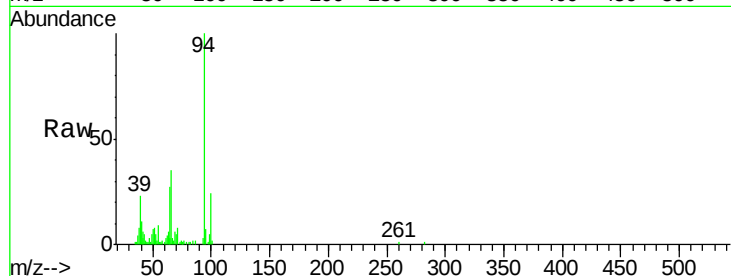
Tot Ion: 94 Resp: 50673

Ion Ratio Lower Upper

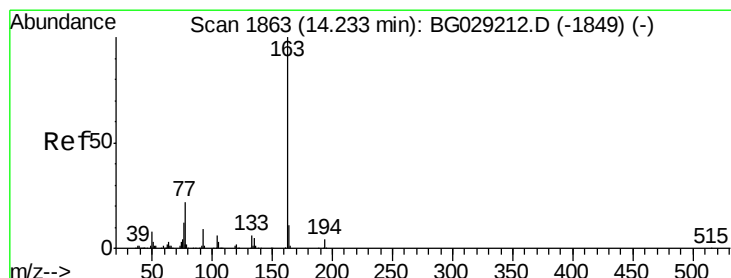
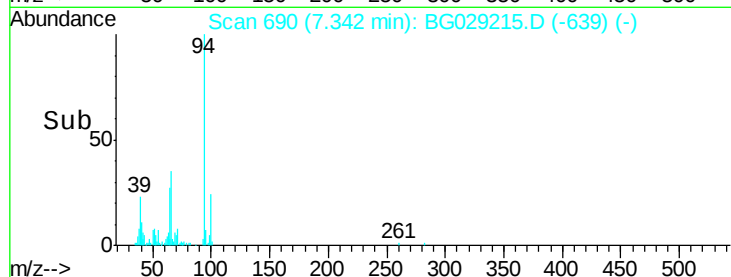
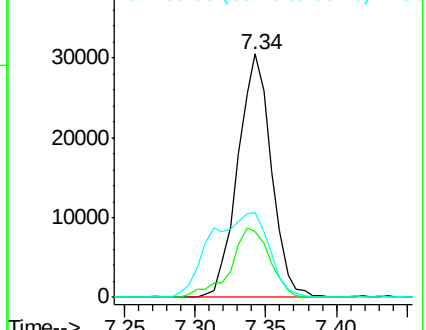
94 100

65 27.2 27.1 40.7

66 34.7 34.6 52.0



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: 11.76 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

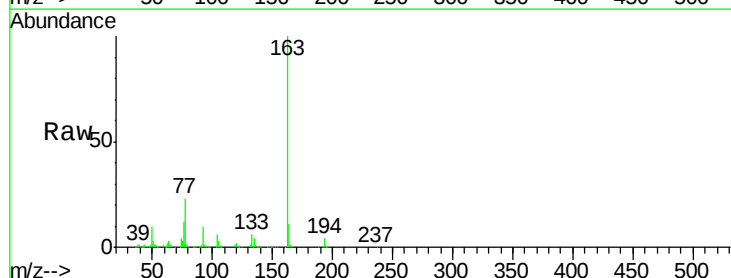
Tgt Ion:163 Resp: 239249

Ion Ratio Lower Upper

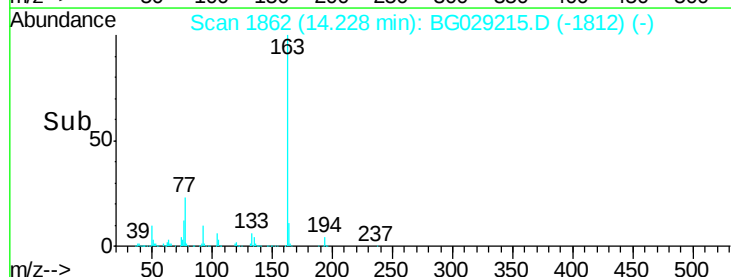
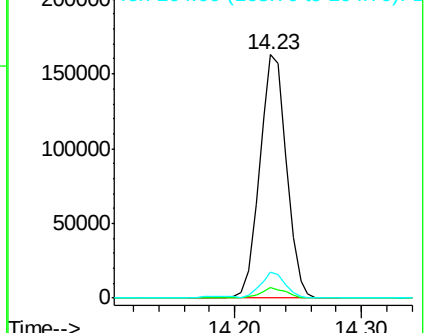
163 100

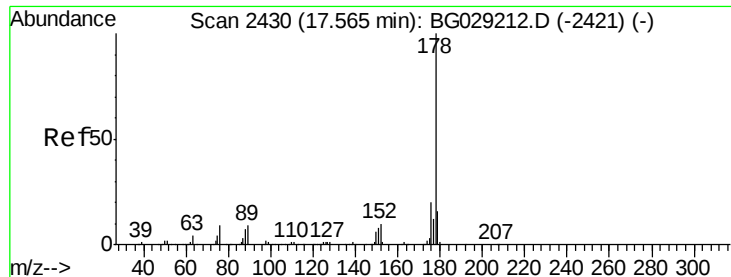
194 4.4 3.5 5.3

164 10.7 7.6 11.4



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: 1.52 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Instrument :

BNA_G

ClientSampleId :

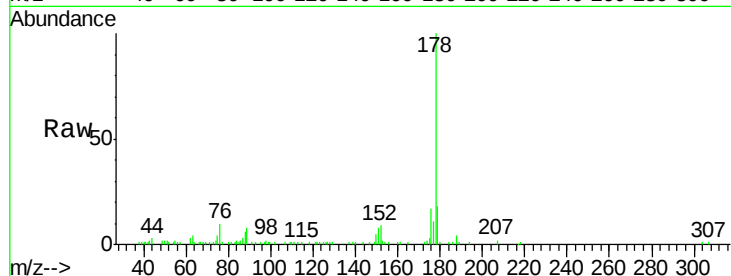
Tot Ion:178 Resp: 48114

Ion Ratio Lower Upper

178 100

179 17.5 13.0 19.6

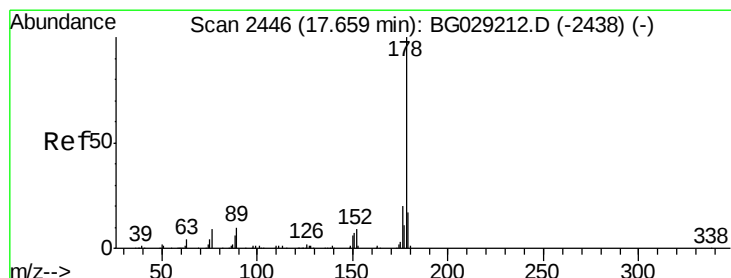
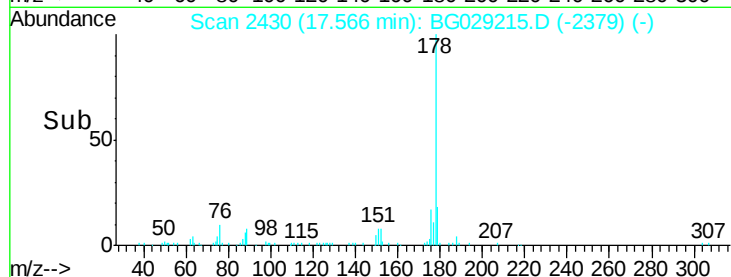
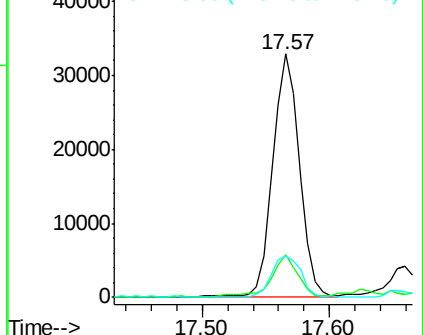
176 17.2 15.3 22.9



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: 1.48 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. -0.09 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

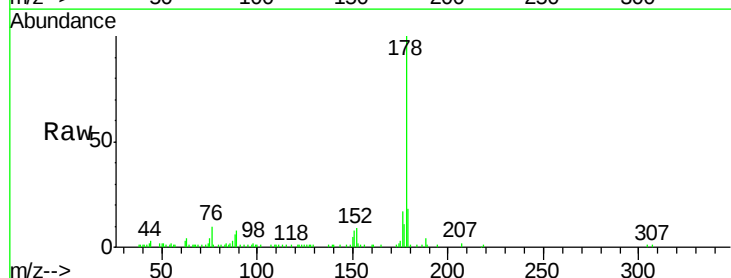
Tgt Ion:178 Resp: 48114

Ion Ratio Lower Upper

178 100

179 17.5 13.2 19.8

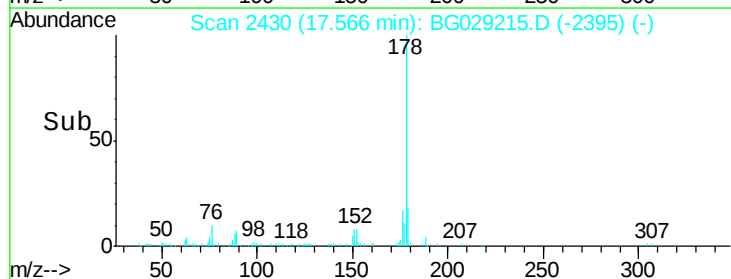
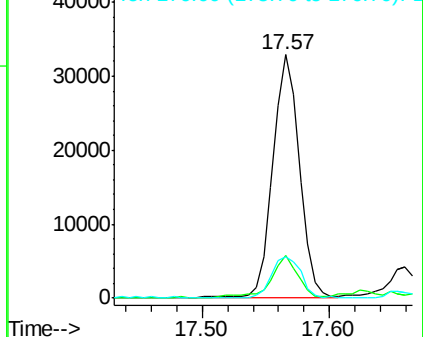
176 17.2 16.0 24.0

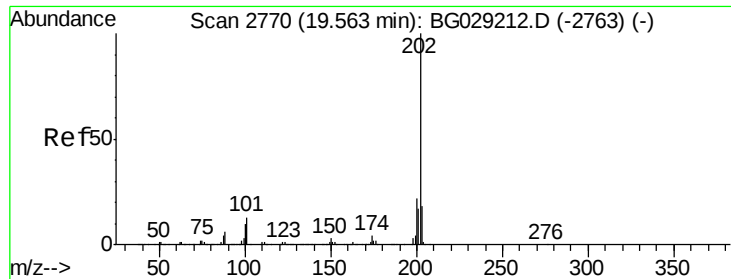


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.06 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Instrument :

BNA_G

ClientSampled :

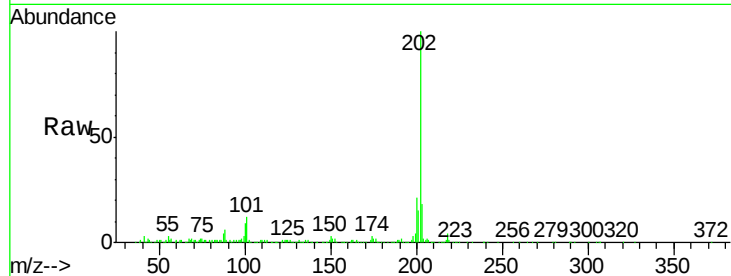
Tot Ion:202 Resp: 143308

Ion Ratio Lower Upper

202 100

101 12.4 7.4 11.2#

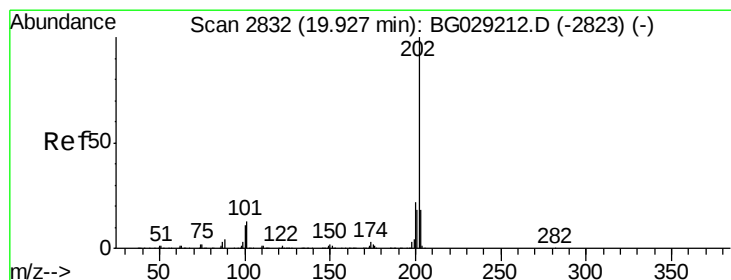
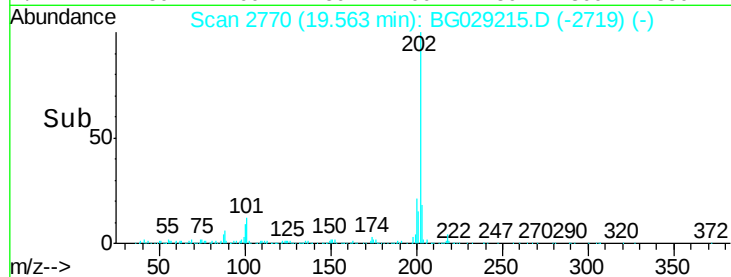
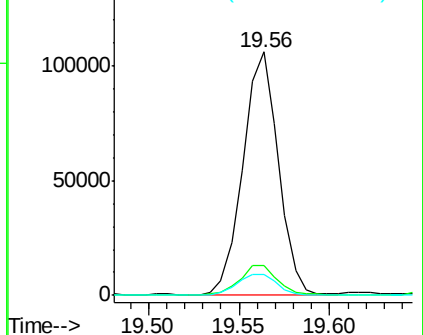
100 8.5 5.6 8.4#



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



#77

Pyrene

Concen: 5.28 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

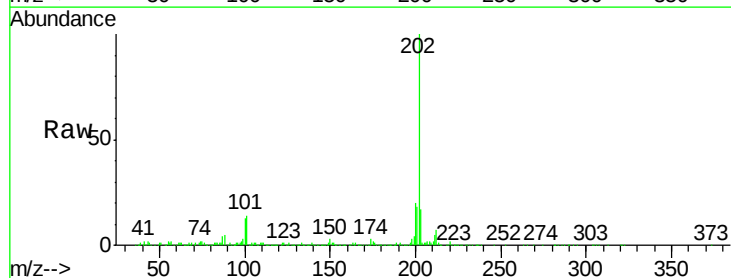
Tgt Ion:202 Resp: 196710

Ion Ratio Lower Upper

202 100

101 13.6 8.4 12.6#

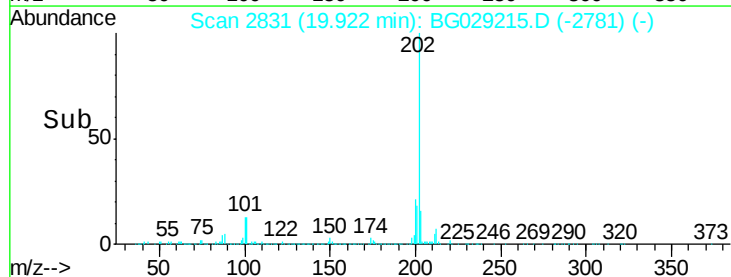
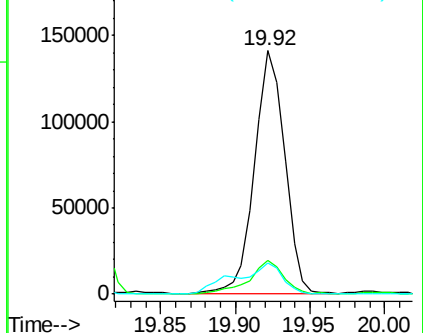
100 12.9 7.0 10.6#

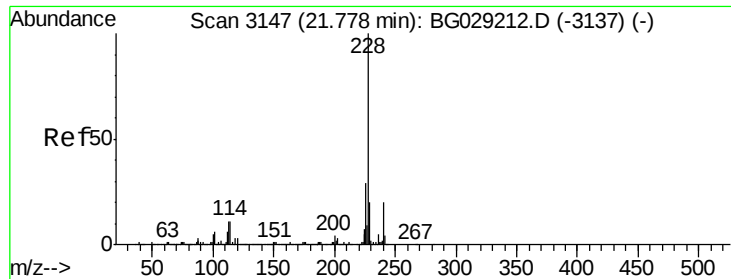


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.87 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. 0.07 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Instrument :

BNA_G

ClientSampleId :

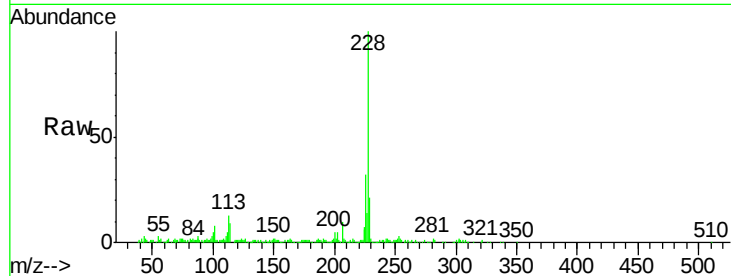
Tot Ion:228 Resp: 134804

Ion Ratio Lower Upper

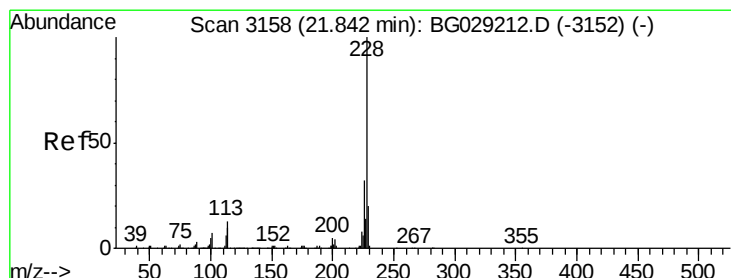
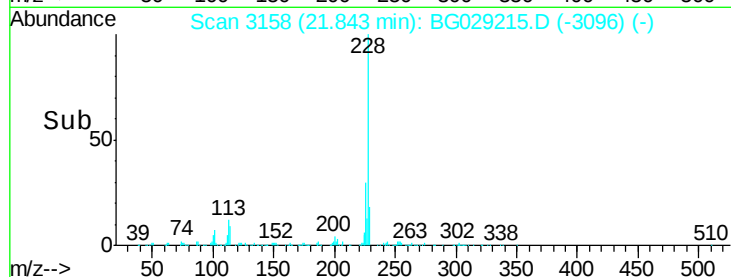
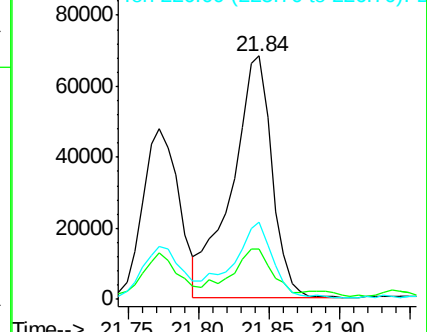
228 100

229 20.6 16.2 24.4

226 32.0 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: 4.26 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

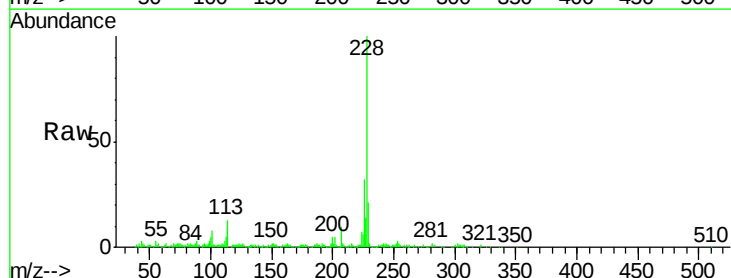
Tgt Ion:228 Resp: 134845

Ion Ratio Lower Upper

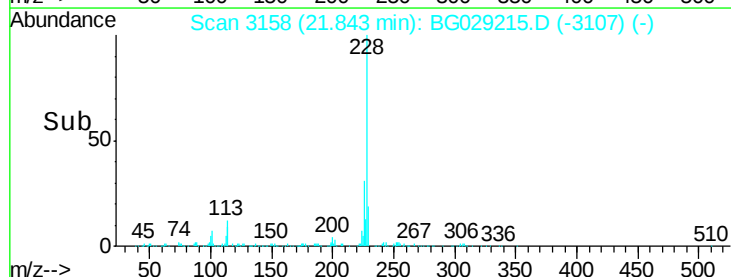
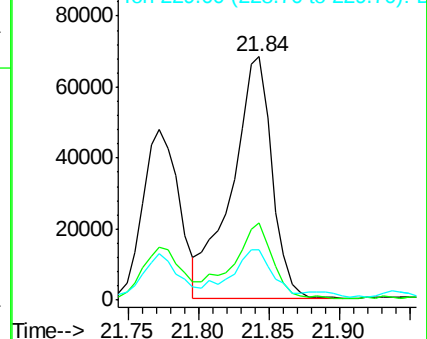
228 100

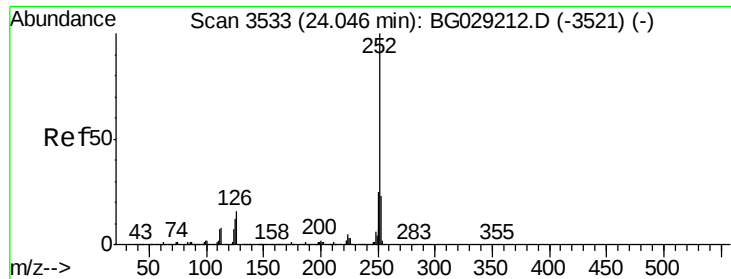
226 32.0 24.2 36.2

229 20.6 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: 3.92 ng/ul

RT: 24.05 min Scan# 3534

Delta R.T. 0.01 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Instrument :

BNA_G

ClientSampleId :

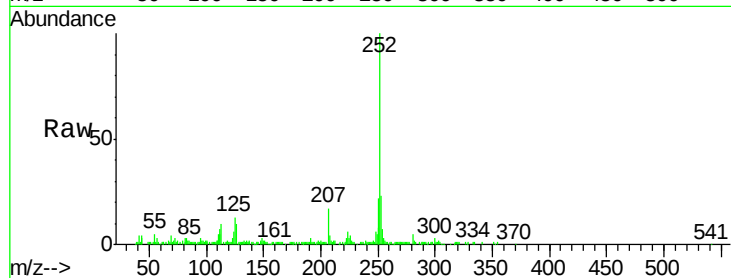
Tot Ion:252 Resp: 129305

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.4

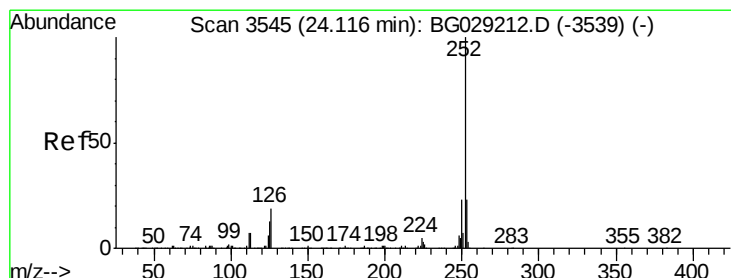
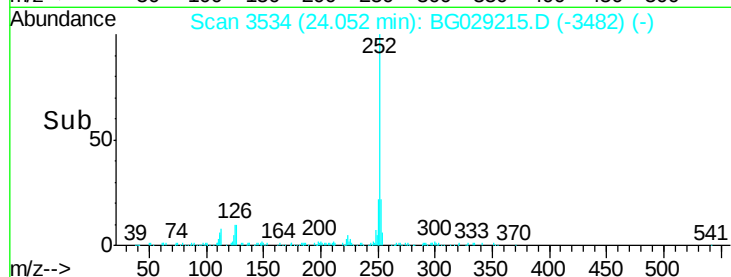
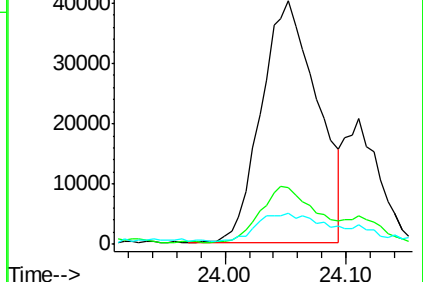
125 13.0 7.5 11.3#



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: 1.25 ng/ul

RT: 24.11 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

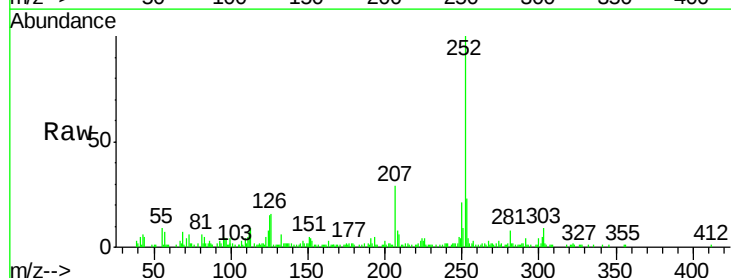
Tgt Ion:252 Resp: 39730

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

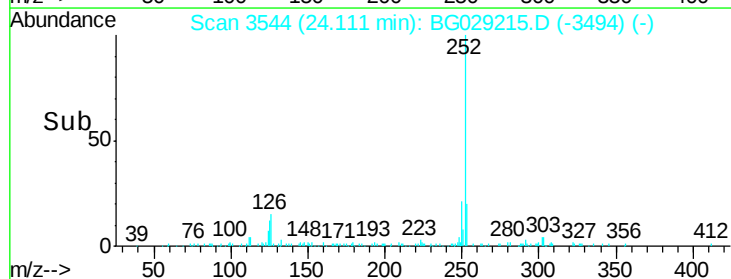
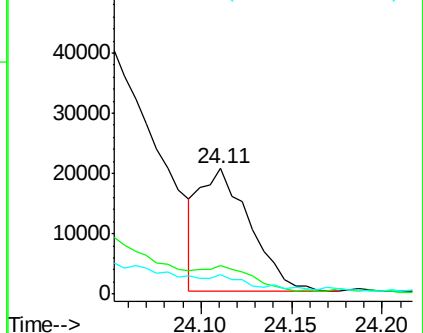
125 15.1 7.8 11.8#

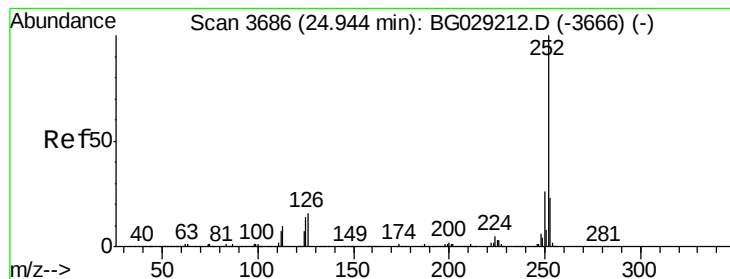


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.86 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. 0.00 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

Instrument :

BNA_G

ClientSampleId :

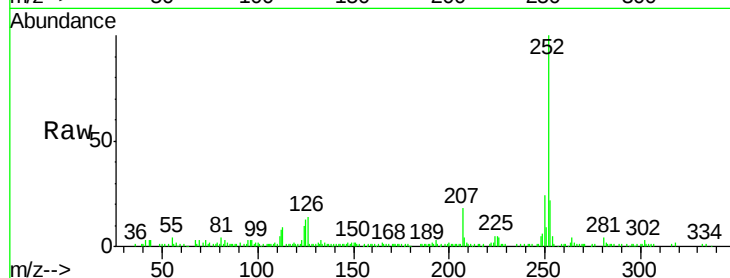
Tot Ion:252 Resp: 91760

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

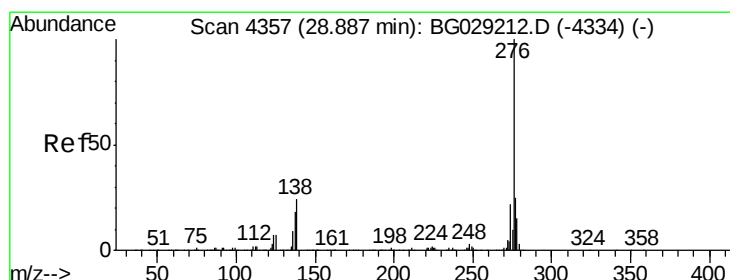
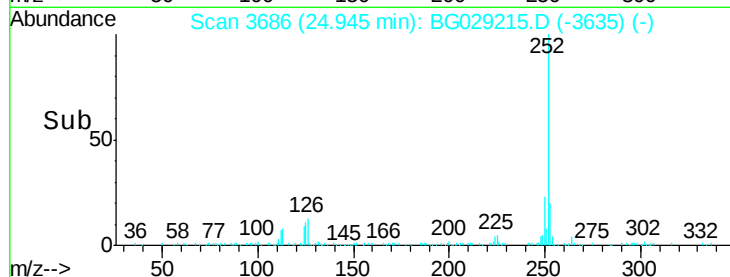
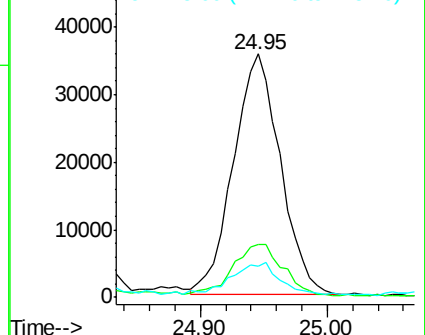
125 12.9 7.8 11.8#



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: 1.63 ng/ul

RT: 28.87 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG029215.D

Acq: 14 Oct 2017 6:49

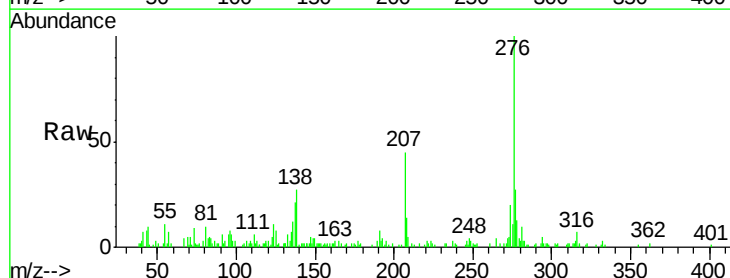
Tgt Ion:276 Resp: 59129

Ion Ratio Lower Upper

276 100

138 26.8 13.4 20.0#

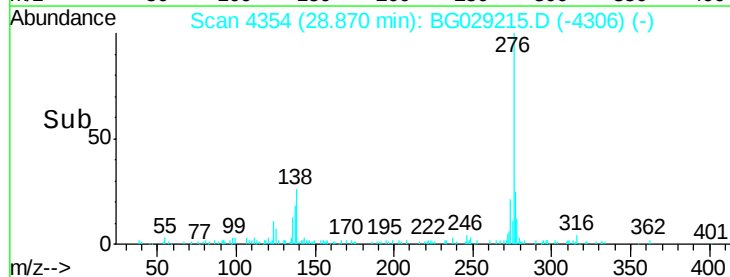
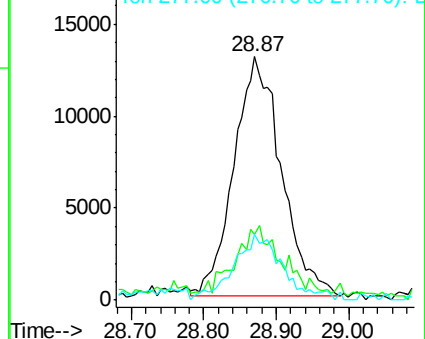
277 26.8 18.6 28.0

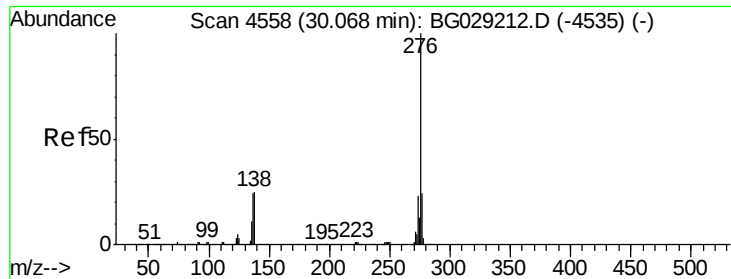


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.83 ng/ul

RT: 30.04 min Scan# 4553

Delta R.T. -0.03 min

Lab File: BG029215.D

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BNA_G

ClientSampleId :

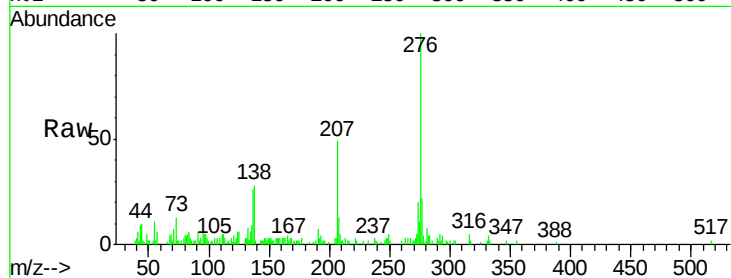
Tot Ion:276 Resp: 55148

Ion Ratio Lower Upper

276 100

138 27.8 12.1 18.1#

277 22.2 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

