

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029246.D
 Acq On : 15 Oct 2017 6:14
 Operator : SJ/JU
 Sample : I5593-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 07:31:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 01:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	111393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	510331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	310212	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	669897	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	602562	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	589191	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	11465	4.18	ng/uL	0.00
5) Phenol-d5	7.32	99	238207	22.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	153297	22.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	185050	24.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	178559	20.68	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	96706	26.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	100760	26.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	192456	22.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	188716	18.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	607133	22.89	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	768453	23.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	82256	16.80	ng/ul	0.00
57) Fluorene-d10	15.77	176	530052	24.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	63121	19.30	ng/ul	0.00
70) Anthracene-d10	17.63	188	773503	24.41	ng/ul	0.00
76) Pyrene-d10	19.90	212	765362	24.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	668829	23.97	ng/ul	0.00

Target Compounds

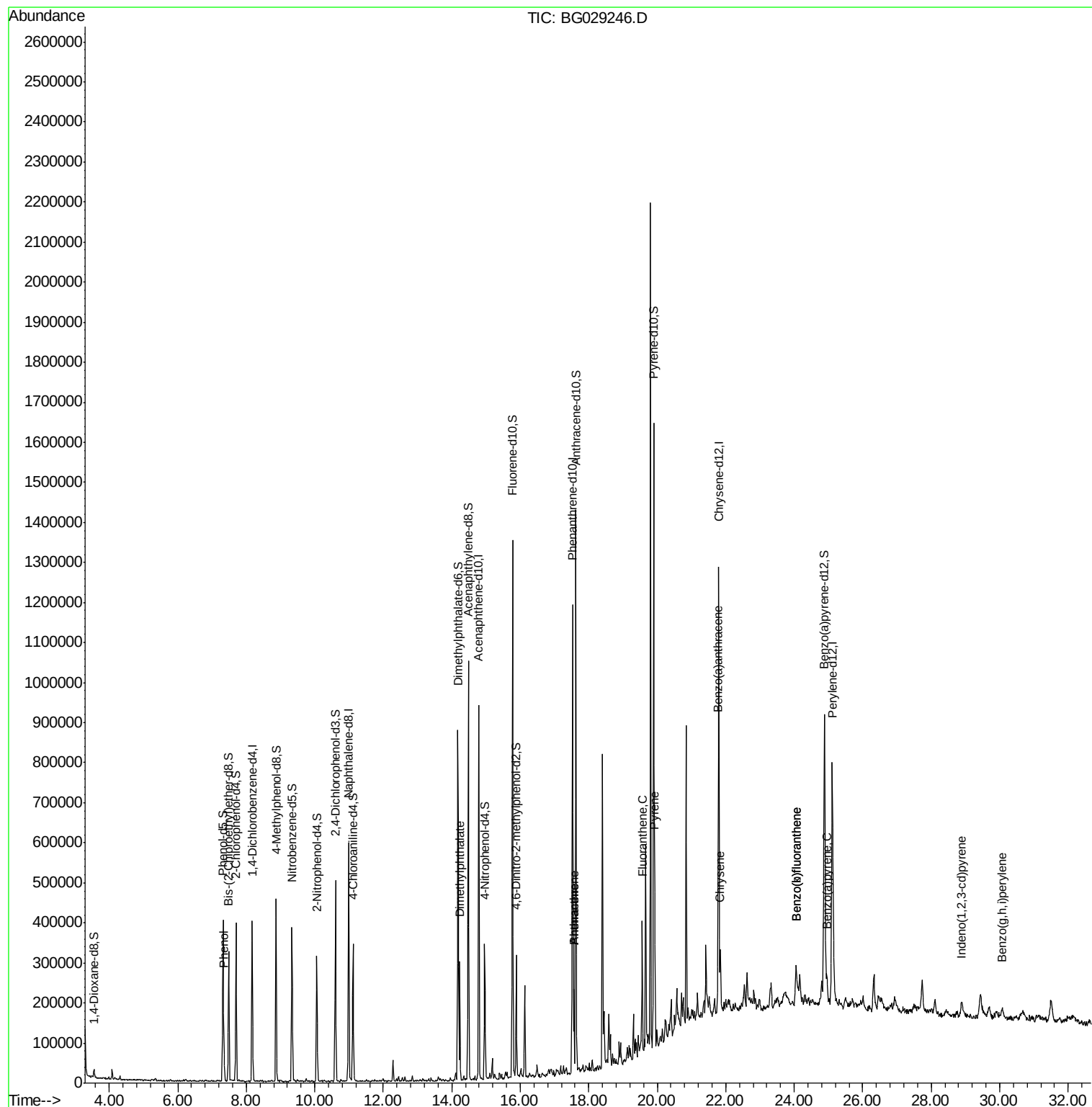
						Ovalue
6) Phenol	7.34	94	47417	4.29	ng/ul	90
44) Dimethylphthalate	14.23	163	189052	7.31	ng/ul	99
69) Phenanthrene	17.57	178	123262	3.40	ng/ul	98
71) Anthracene	17.57	178	123262	3.30	ng/ul	97
74) Fluoranthene	19.56	202	176715	4.37	ng/ul#	93
77) Pyrene	19.93	202	219350	5.43	ng/ul#	89
80) Benzo(a)anthracene	21.78	228	85492	2.26	ng/ul	96
82) Chrysene	21.84	228	119301	3.48	ng/ul	97
85) Benzo(b)fluoranthene	24.06	252	116558	3.30	ng/ul#	90
86) Benzo(k)fluoranthene	24.06	252	116558	3.41	ng/ul#	91
88) Benzo(a)pyrene	24.95	252	76483	2.22	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.88	276	50487	1.30	ng/ul#	88
91) Benzo(g,h,i)perylene	30.08	276	48170	1.49	ng/ul#	81

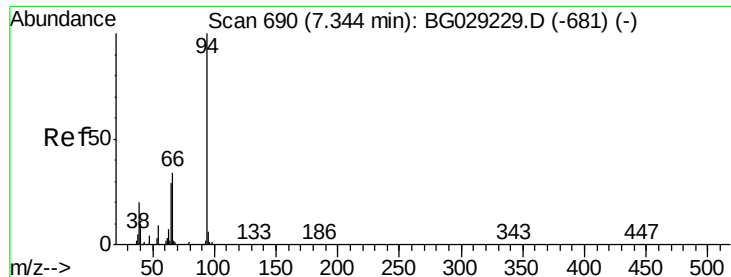
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.29 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG029246.D

Acq: 15 Oct 2017 6:14

Instrument :

BNA_G

ClientSampleId :

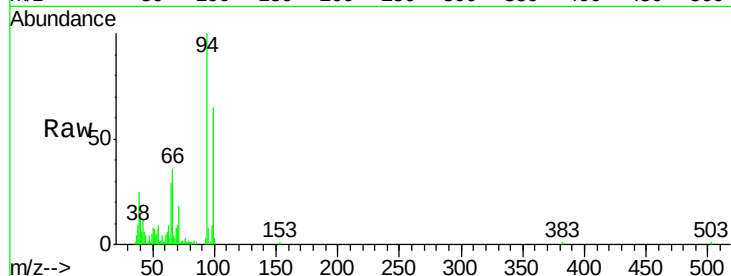
Tot Ion: 94 Resp: 47417

Ion Ratio Lower Upper

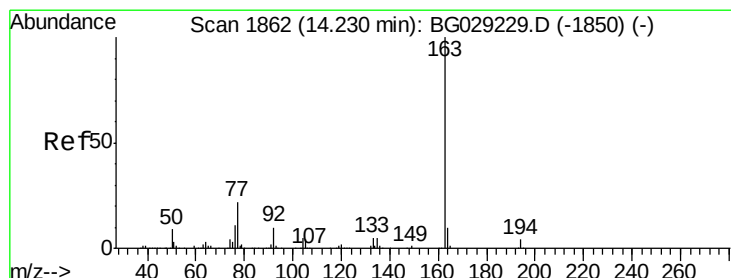
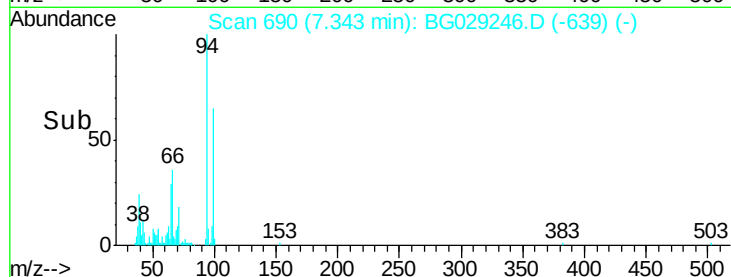
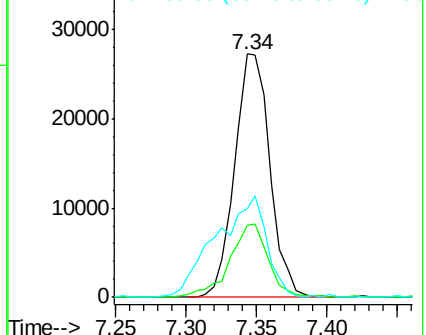
94 100

65 29.5 27.1 40.7

66 36.2 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: 7.31 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG029246.D

Acq: 15 Oct 2017 6:14

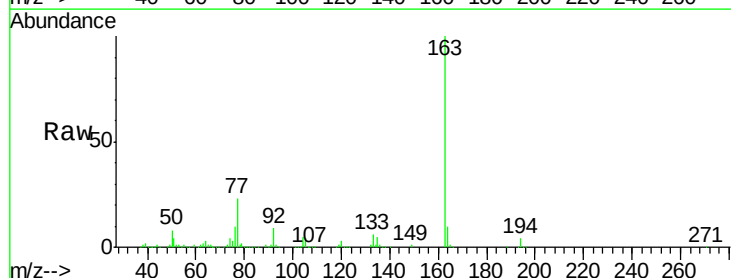
Tgt Ion: 163 Resp: 189052

Ion Ratio Lower Upper

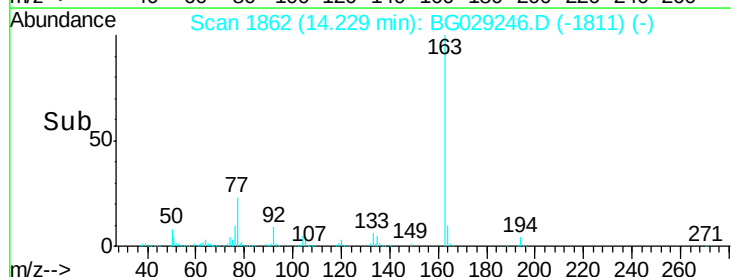
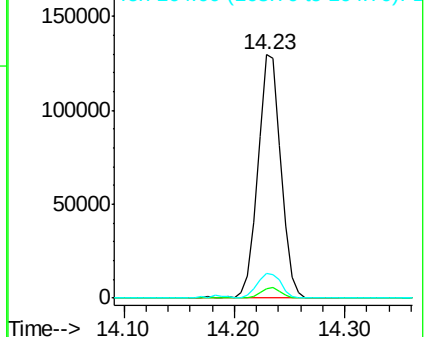
163 100

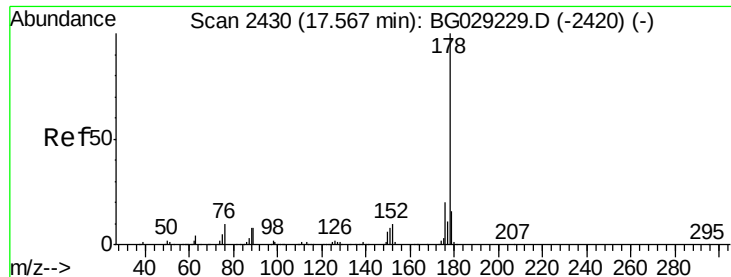
194 4.1 3.5 5.3

164 10.1 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: 3.40 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG029246.D

Acq: 15 Oct 2017 6:14

Instrument :

BNA_G

ClientSampleId :

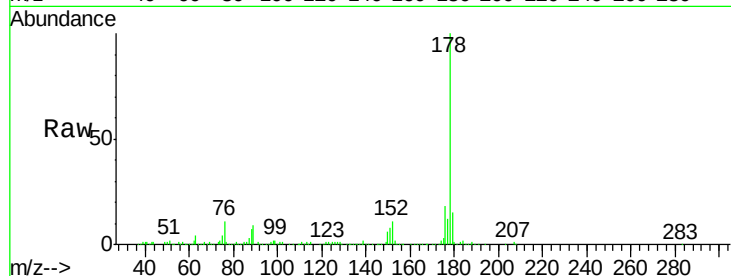
Tot Ion:178 Resp: 123262

Ion Ratio Lower Upper

178 100

179 15.5 13.0 19.6

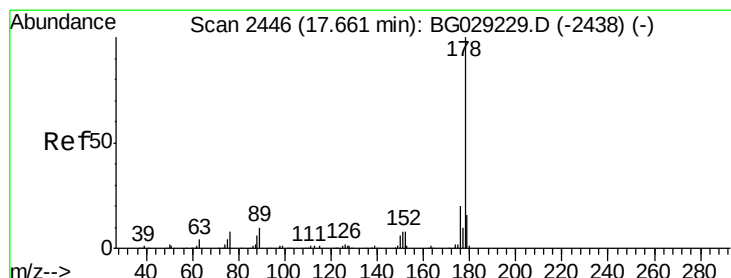
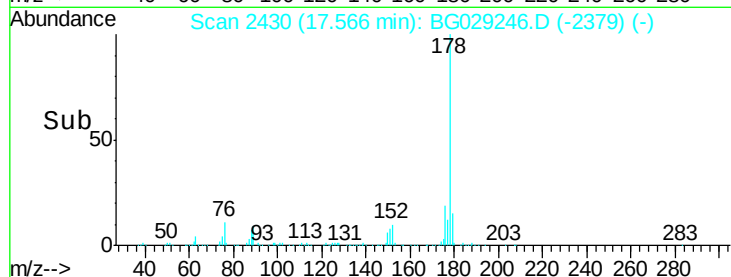
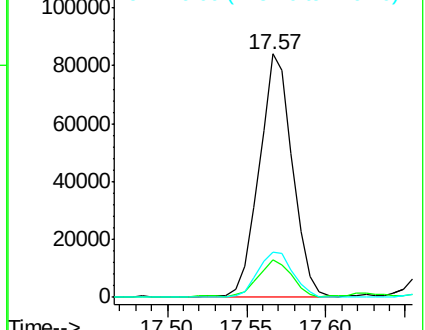
176 18.4 15.3 22.9



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: 3.30 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. -0.09 min

Lab File: BG029246.D

Acq: 15 Oct 2017 6:14

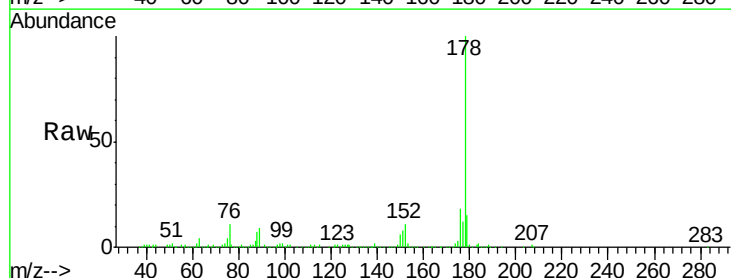
Tgt Ion:178 Resp: 123262

Ion Ratio Lower Upper

178 100

179 15.5 13.2 19.8

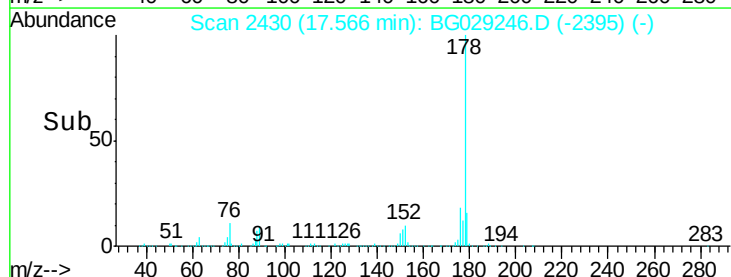
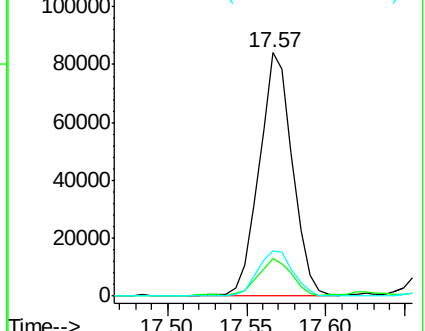
176 18.4 16.0 24.0

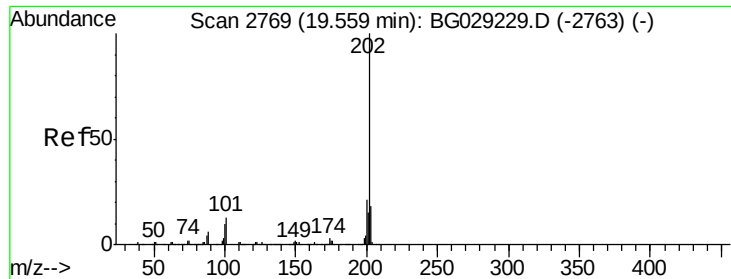


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

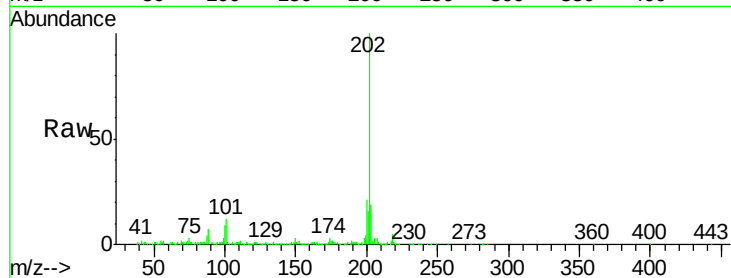




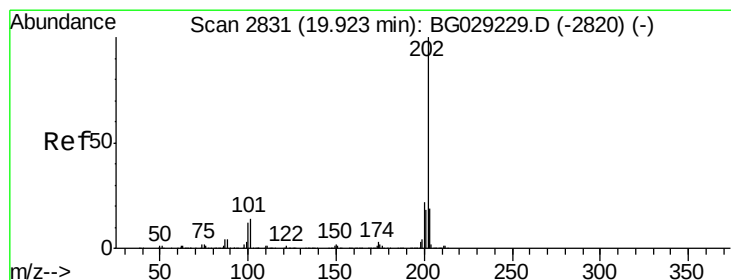
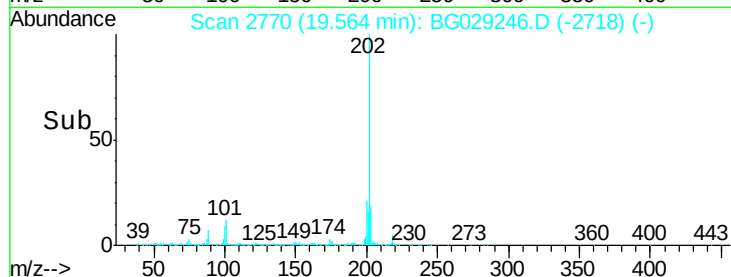
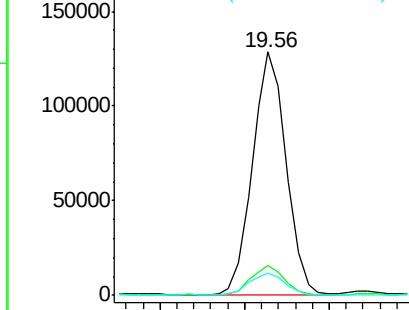
#74
Fluoranthene
Concen: 4.37 ng/ul
RT: 19.56 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	7.4	11.2#
100	9.1	5.6	8.4#

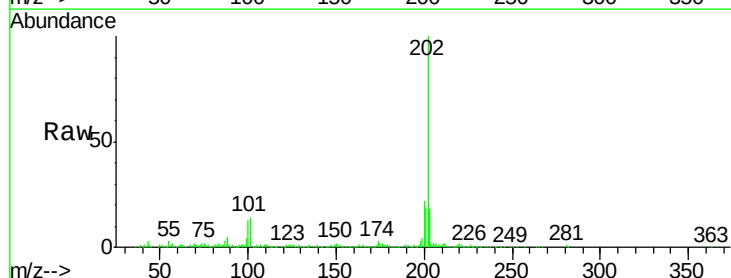


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

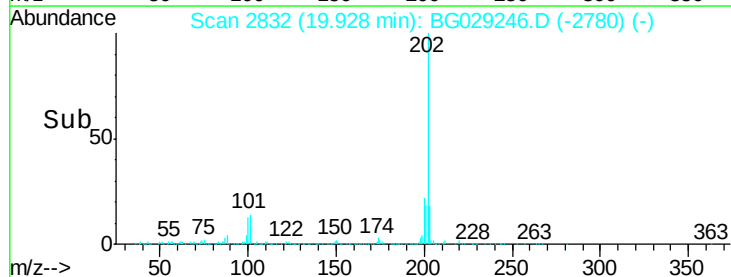
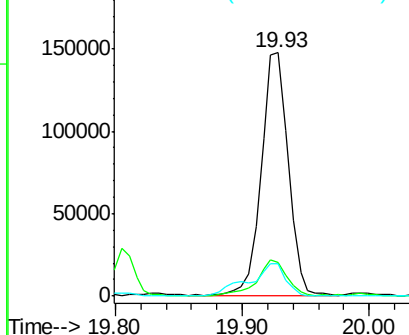


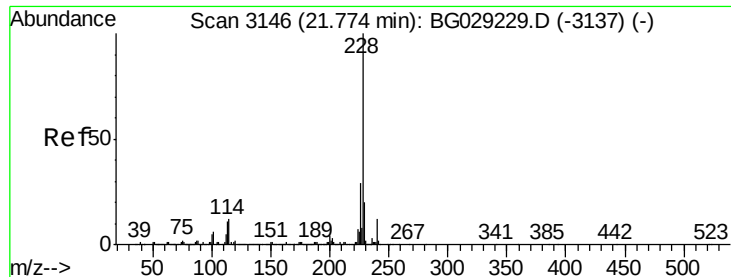
#77
Pyrene
Concen: 5.43 ng/ul
RT: 19.93 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG029246.D
Acq: 15 Oct 2017 6:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	8.4	12.6#
100	13.3	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: 2.26 ng/ul

RT: 21.78 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG029246.D

Acq: 15 Oct 2017 6:14

Instrument :

BNA_G

ClientSampleId :

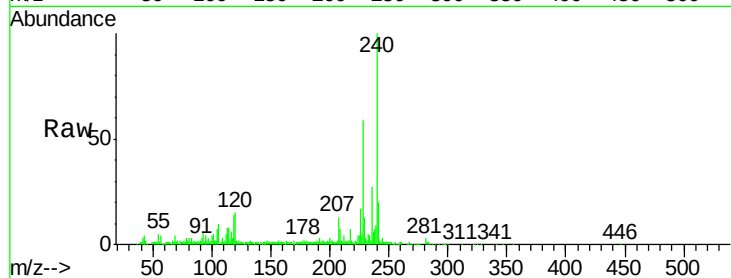
Tot Ion:228 Resp: 85492

Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.2	24.4
226	29.7	22.2	33.2

228 100

229 22.5 16.2 24.4

226 29.7 22.2 33.2

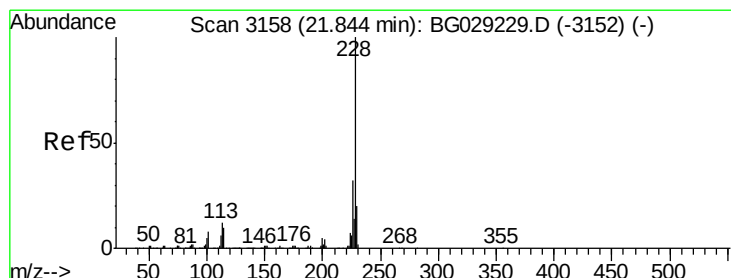
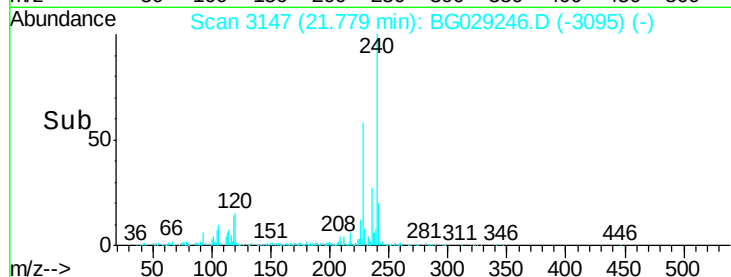
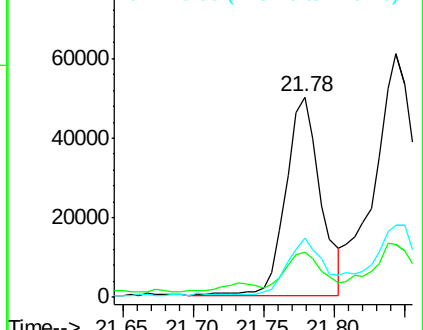


Abundance

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: 3.48 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG029246.D

Acq: 15 Oct 2017 6:14

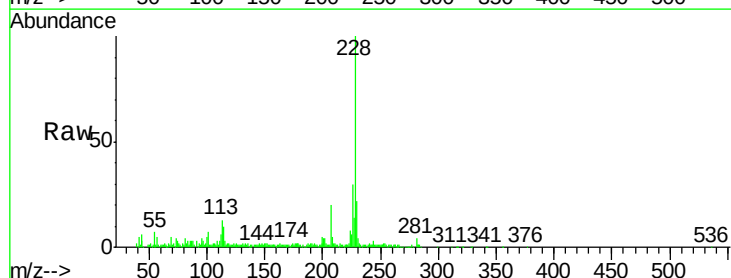
Tgt Ion:228 Resp: 119301

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	21.8	15.2	22.8

228 100

226 29.9 24.2 36.2

229 21.8 15.2 22.8

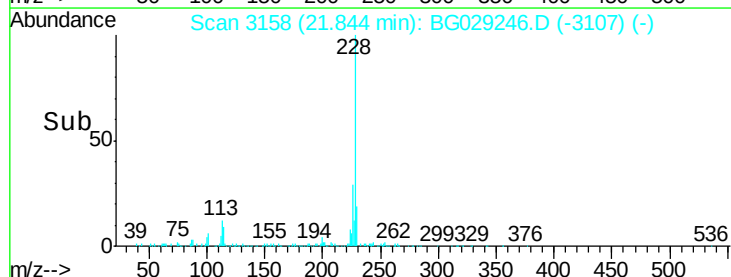
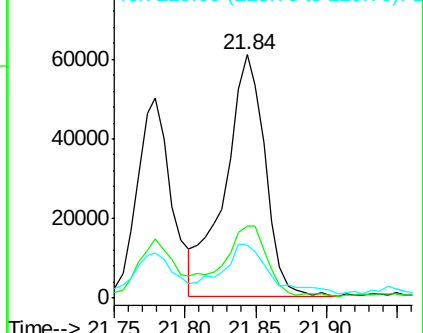


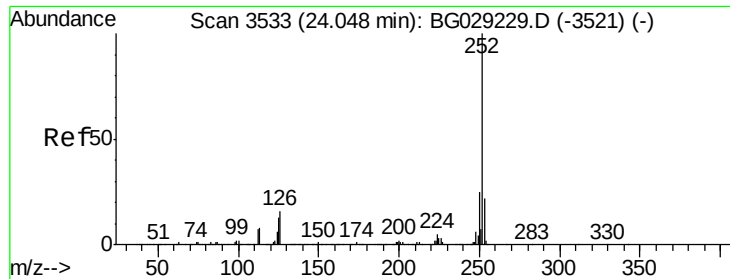
Abundance

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: 3.30 ng/ul

RT: 24.06 min Scan# 3535

Delta R.T. 0.01 min

Lab File: BG029246.D

Acq: 15 Oct 2017 6:14

Instrument :

BNA_G

ClientSampleId :

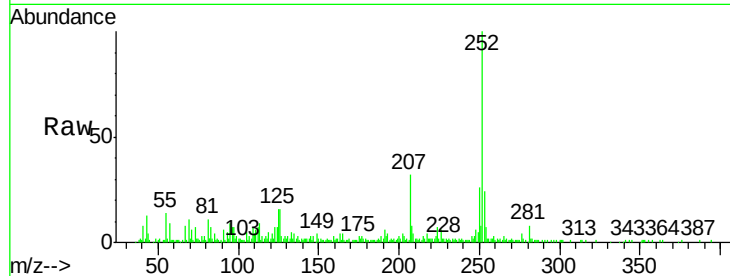
Tot Ion:252 Resp: 116558

Ion Ratio Lower Upper

252 100

253 24.4 17.0 25.4

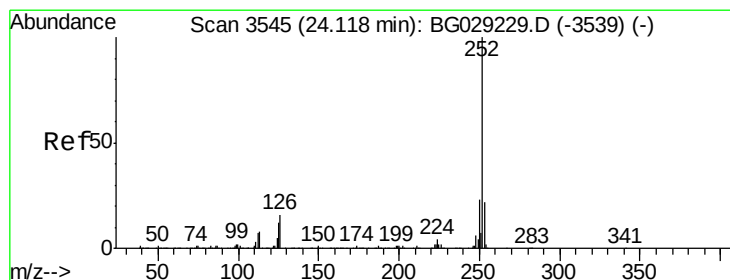
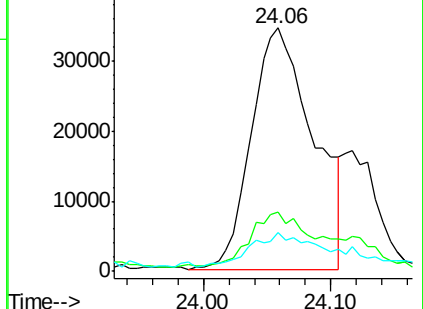
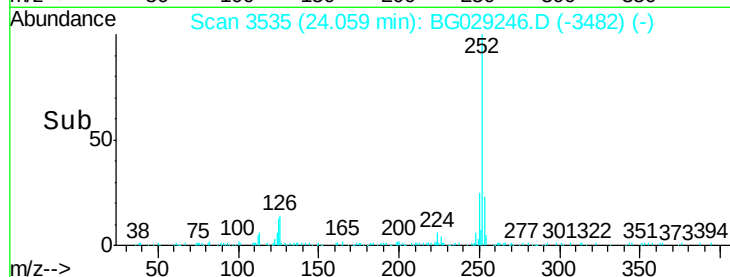
125 15.8 7.5 11.3#



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: 3.41 ng/ul

RT: 24.06 min Scan# 3535

Delta R.T. -0.06 min

Lab File: BG029246.D

Acq: 15 Oct 2017 6:14

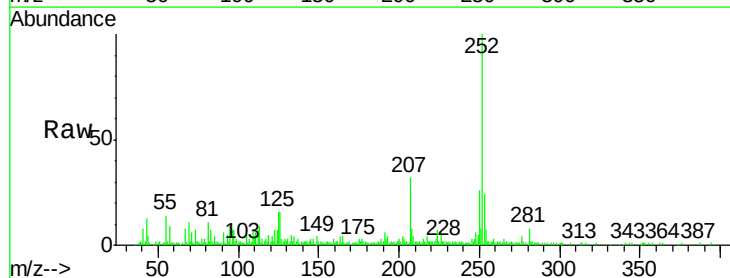
Tgt Ion:252 Resp: 116558

Ion Ratio Lower Upper

252 100

253 24.4 17.2 25.8

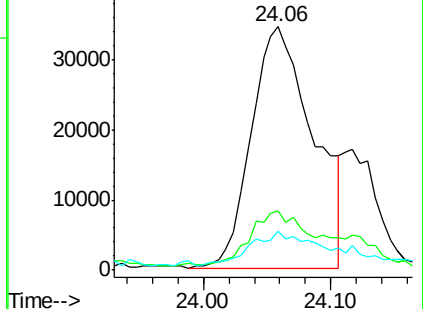
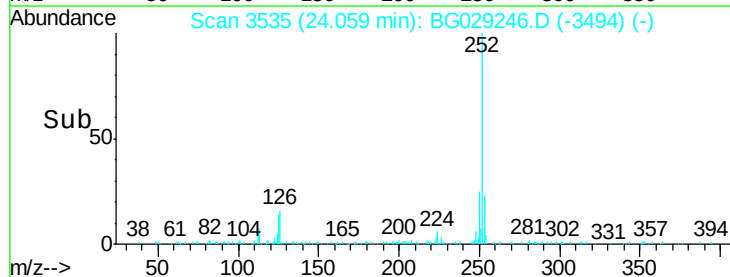
125 15.8 7.8 11.8#

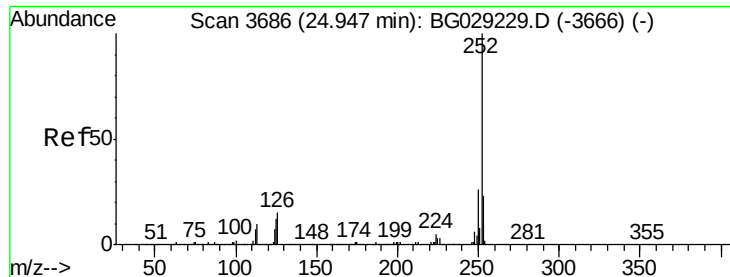


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.22 ng/ul

RT: 24.95 min Scan# 3687

Delta R.T. 0.01 min

Lab File: BG029246.D

Acq: 15 Oct 2017 6:14

Instrument :

BNA_G

ClientSampleId :

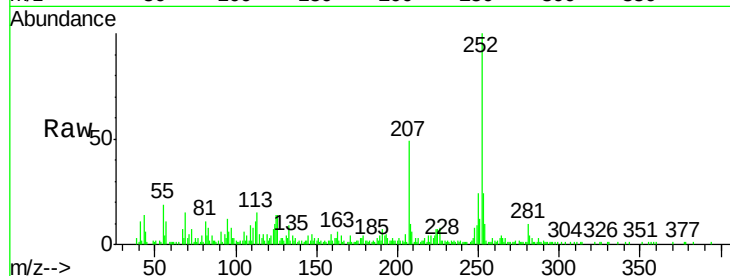
Tot Ion:252 Resp: 76483

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

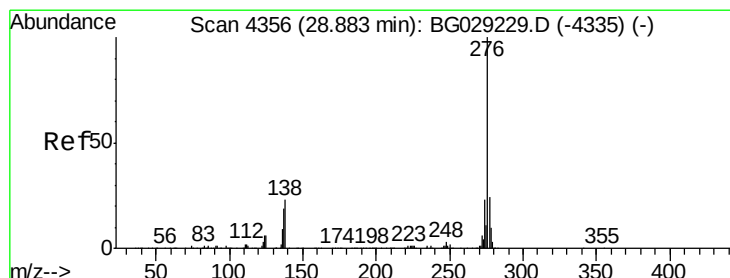
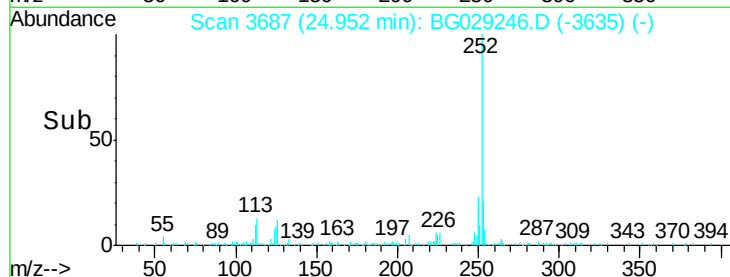
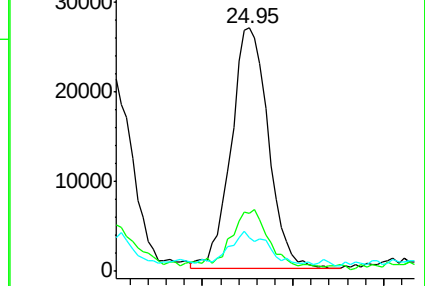
125 14.0 7.8 11.8#



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: 1.30 ng/ul

RT: 28.88 min Scan# 4356

Delta R.T. -0.00 min

Lab File: BG029246.D

Acq: 15 Oct 2017 6:14

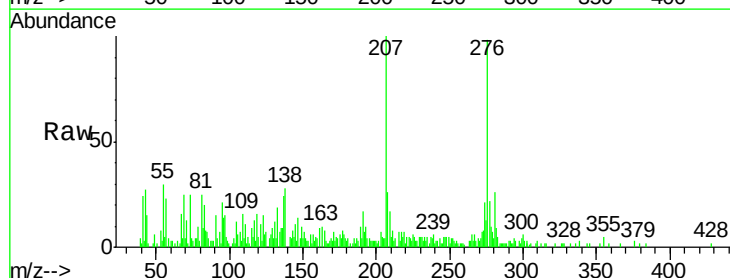
Tgt Ion:276 Resp: 50487

Ion Ratio Lower Upper

276 100

138 28.2 13.4 20.0#

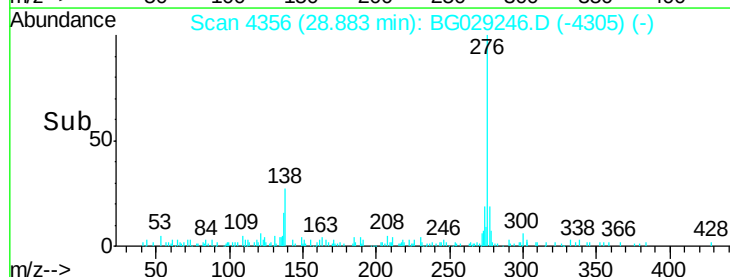
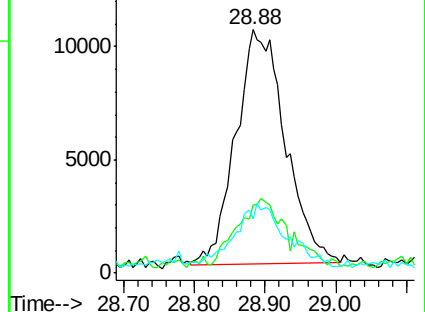
277 22.5 18.6 28.0

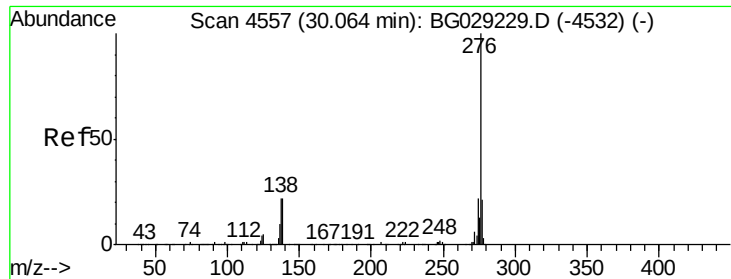


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.49 ng/ul

RT: 30.08 min Scan# 4559

Delta R.T. 0.01 min

Lab File: BG029246.D

Acq: 15 Oct 2017 6:14

Instrument :

BNA_G

ClientSampleId :

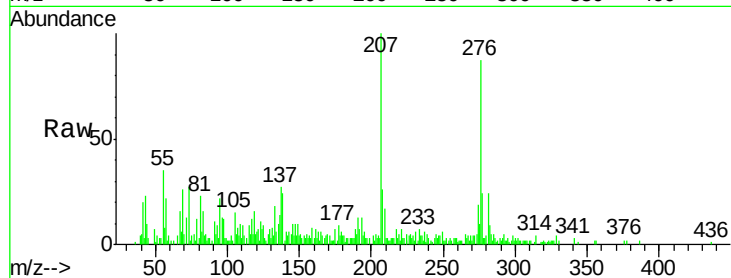
Tot Ion:276 Resp: 48170

Ion Ratio Lower Upper

276 100

138 27.7 12.1 18.1#

277 27.4 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

