

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029234.D
 Acq On : 14 Oct 2017 22:13
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 01:41:32 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	8.18	152	119393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	539011	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	328421	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	692248	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	613344	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	607810	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	8752	2.98	ng/uL	0.00
5) Phenol-d5	7.32	99	168163	14.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	109993	15.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	124536	15.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	106696	11.53	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	63623	16.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	67796	17.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	131110	14.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	100713	9.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	430430	15.33	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	543127	15.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	59734	11.52	ng/ul	0.00
57) Fluorene-d10	15.78	176	369701	16.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	41296	12.22	ng/ul	0.00
70) Anthracene-d10	17.62	188	522162	15.95	ng/ul	0.00
76) Pyrene-d10	19.90	212	517328	16.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	451733	15.69	ng/ul	0.00

Target Compounds

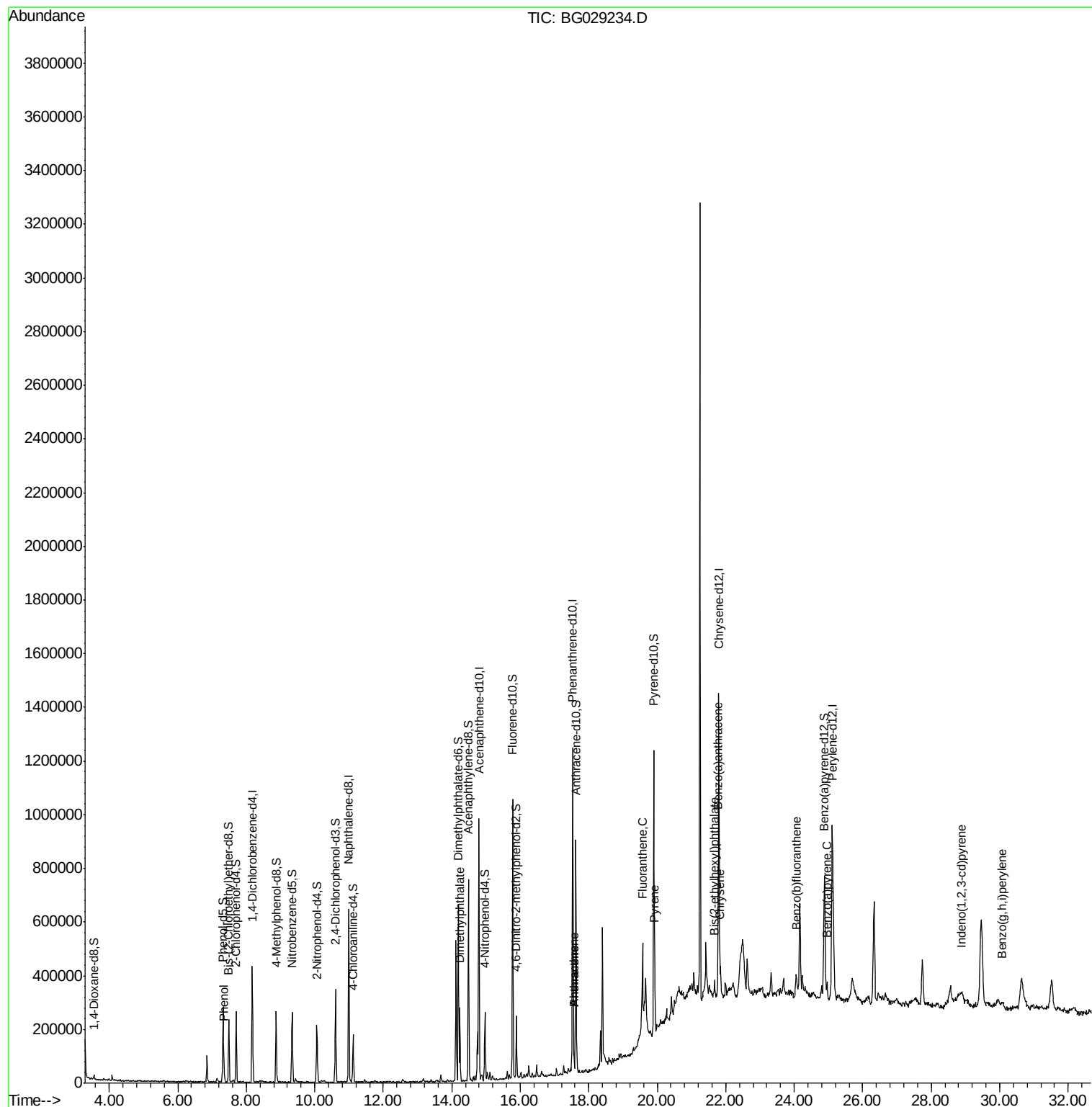
						Ovalue
6) Phenol	7.35	94	21349	1.80	ng/ul#	86
44) Dimethylphthalate	14.23	163	169188	6.18	ng/ul	98
69) Phenanthrene	17.57	178	45603	1.22	ng/ul	98
71) Anthracene	17.57	178	45603	1.18	ng/ul	98
74) Fluoranthene	19.57	202	149988	3.59	ng/ul#	93
77) Pyrene	19.93	202	126376	3.07	ng/ul#	89
80) Benzo(a)anthracene	21.78	228	74175	1.93	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.68	149	25843	1.07	ng/ul#	98
82) Chrysene	21.85	228	78541	2.25	ng/ul#	91
85) Benzo(b)fluoranthene	24.06	252	105854	2.90	ng/ul#	92
88) Benzo(a)pyrene	24.96	252	65953	1.86	ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	28.89	276	45002	1.12	ng/ul#	85
91) Benzo(g,h,i)perylene	30.08	276	36694	1.10	ng/ul#	91

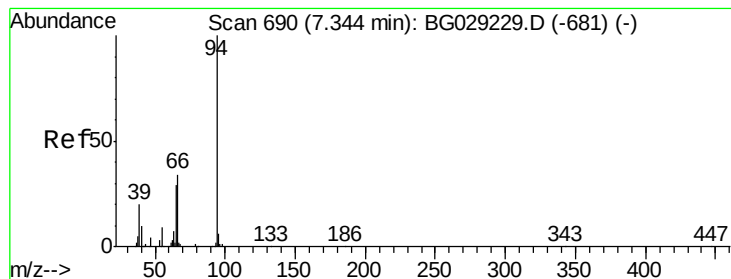
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029234.D
Acq On : 14 Oct 2017 22:13
Operator : SJ/JU
Sample : I5548-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 15 01:41:32 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





#6

Phenol

Concen: 1.80 ng/ul

RT: 7.35 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Instrument :

BNA_G

ClientSampleId :

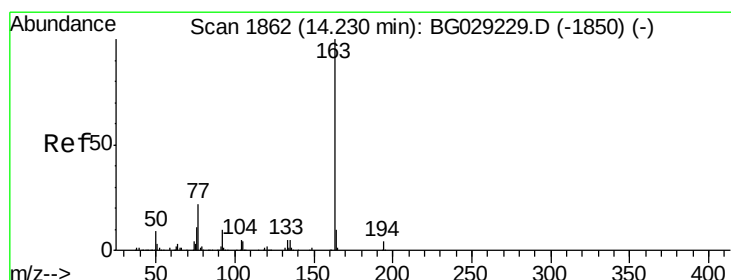
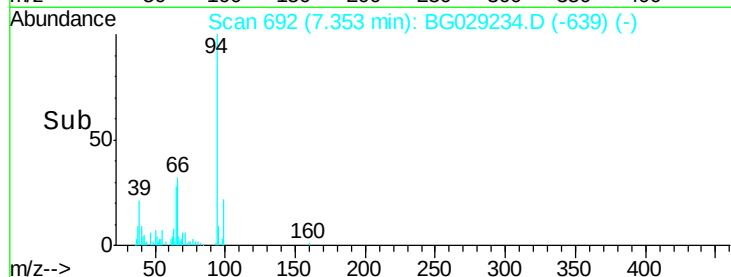
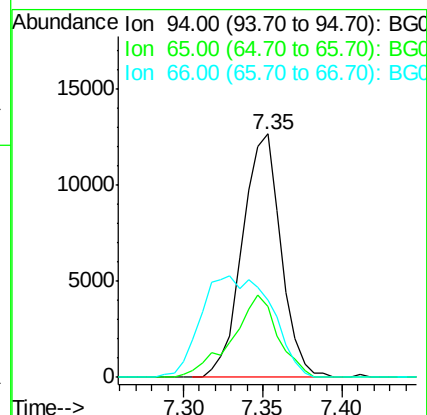
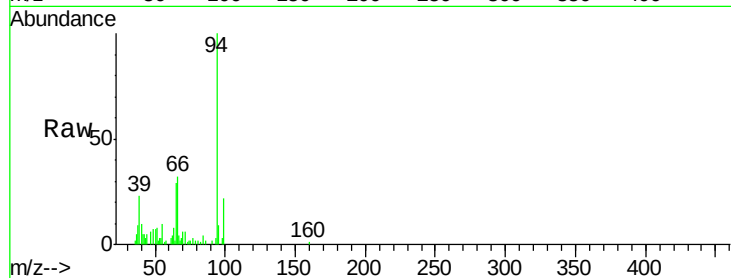
Tot Ion: 94 Resp: 21349

Ion Ratio Lower Upper

94 100

65 29.3 27.1 40.7

66 31.7 34.6 52.0#



#44

Dimethylphthalate

Concen: 6.18 ng/ul

RT: 14.23 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

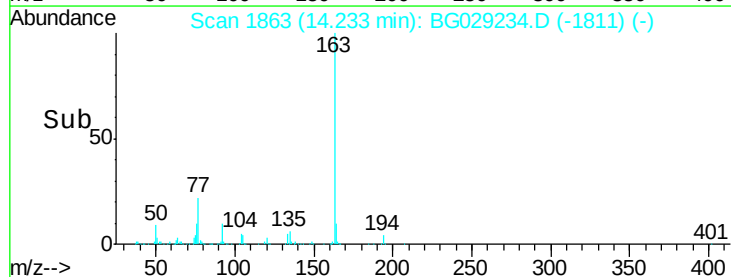
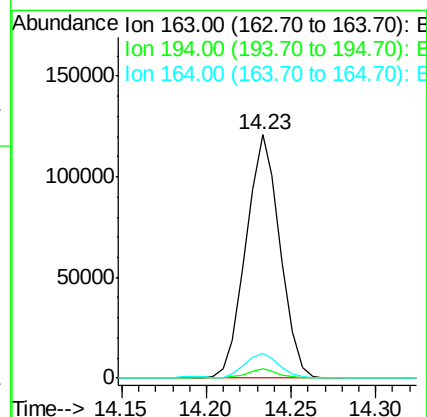
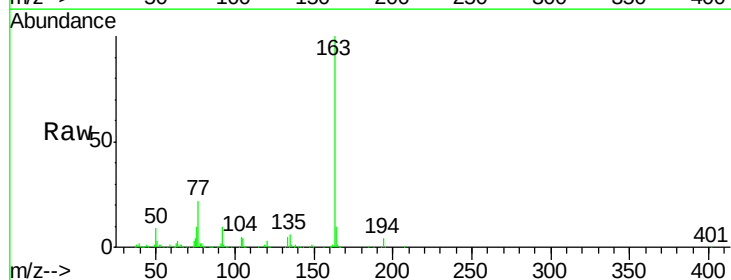
Tgt Ion:163 Resp: 169188

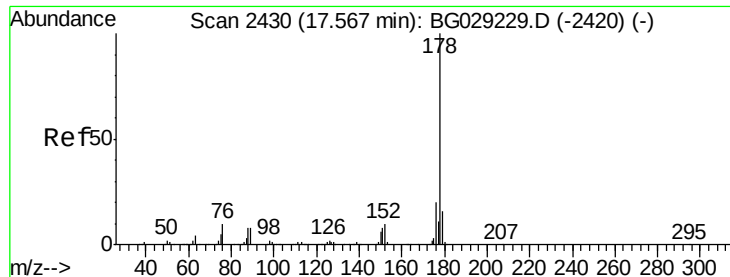
Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

164 10.2 7.6 11.4





#69

Phenanthrene

Concen: 1.22 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

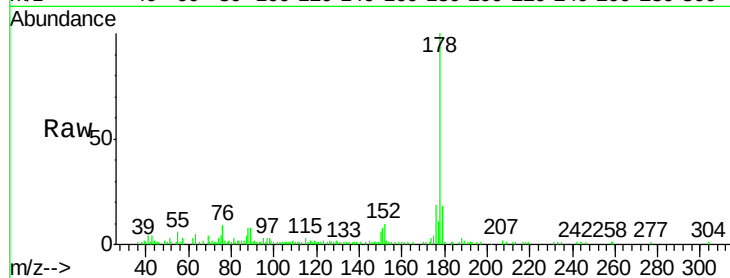
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 45603

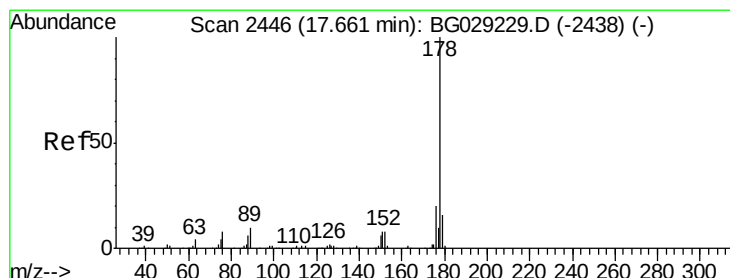
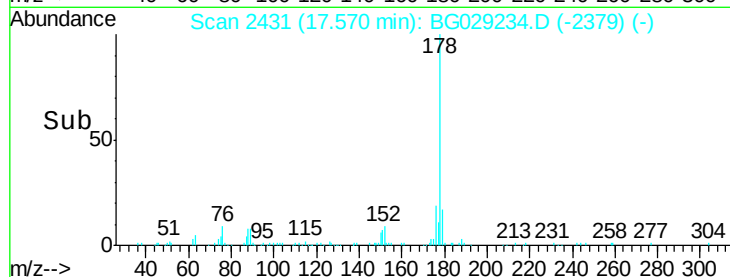
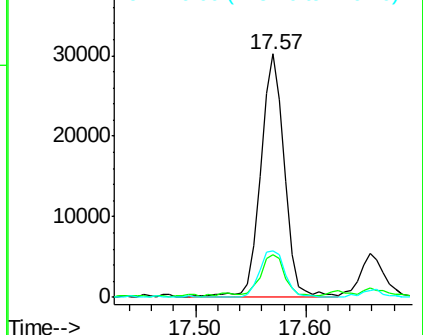
Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.0	19.6
176	19.1	15.3	22.9



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: 1.18 ng/ul

RT: 17.57 min Scan# 2431

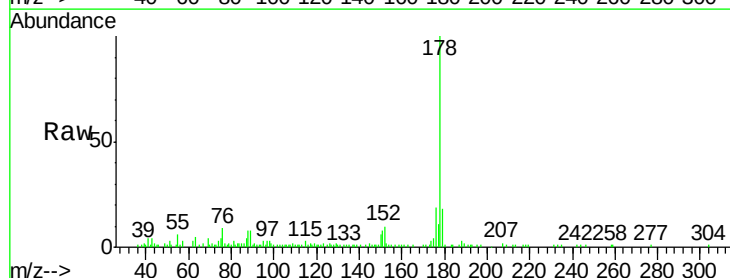
Delta R.T. -0.09 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Tgt Ion:178 Resp: 45603

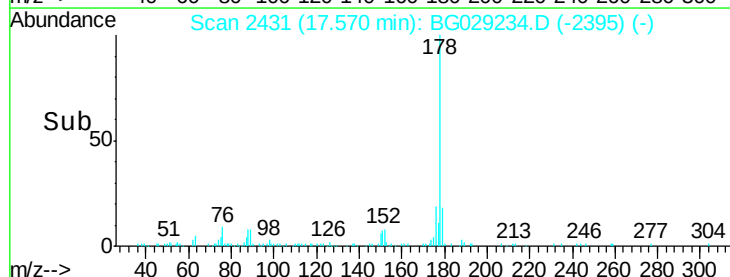
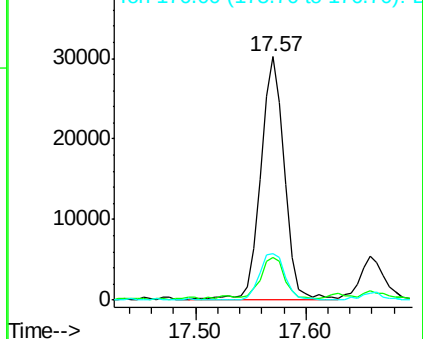
Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.2	19.8
176	19.1	16.0	24.0

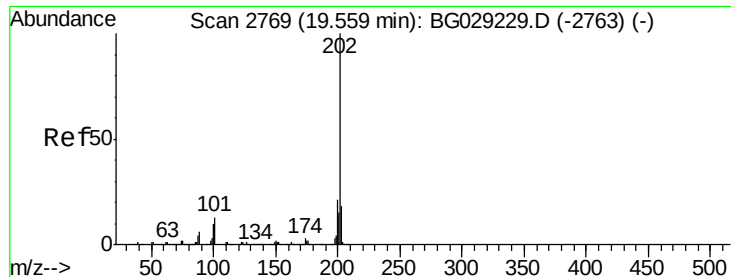


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

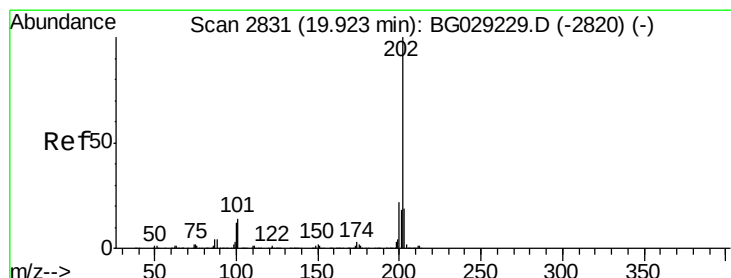
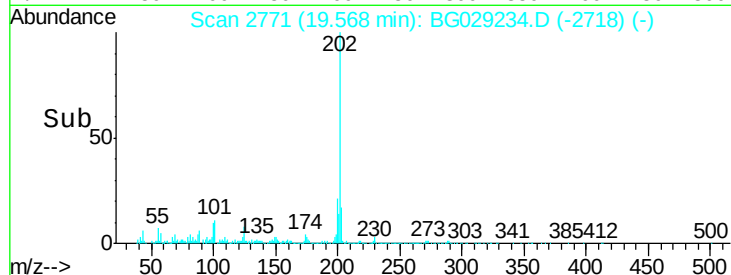
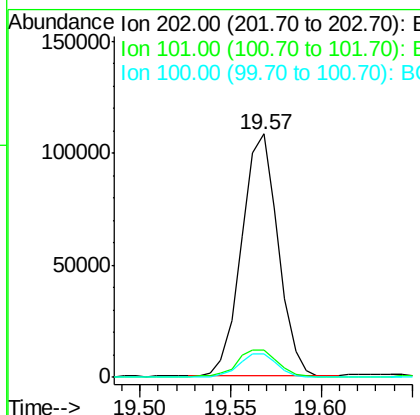
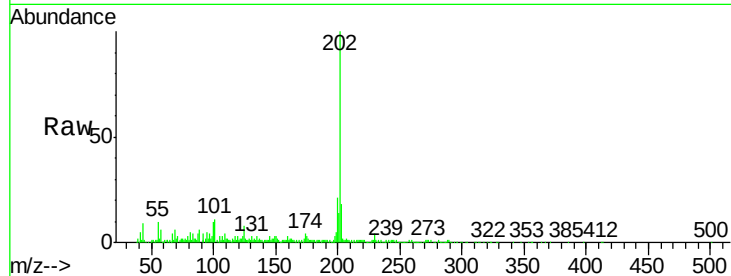




#74
Fluoranthene
Concen: 3.59 ng/ul
RT: 19.57 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BG029234.D
Acq: 14 Oct 2017 22:13

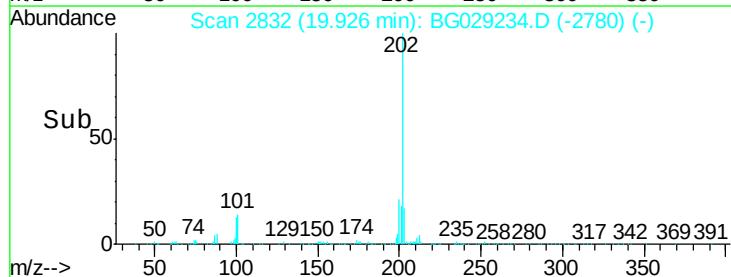
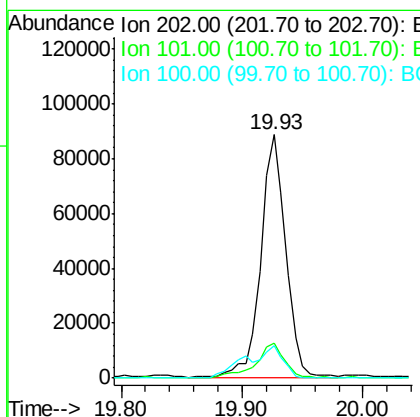
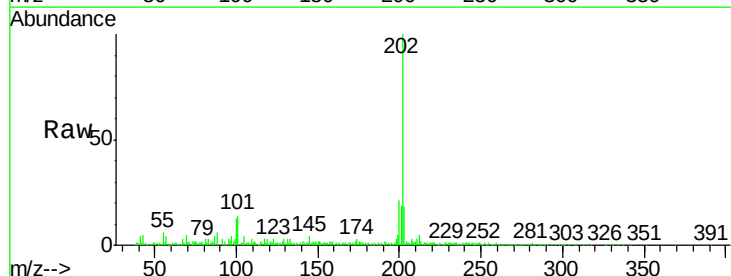
Instrument :
BNA_G
ClientSampled :

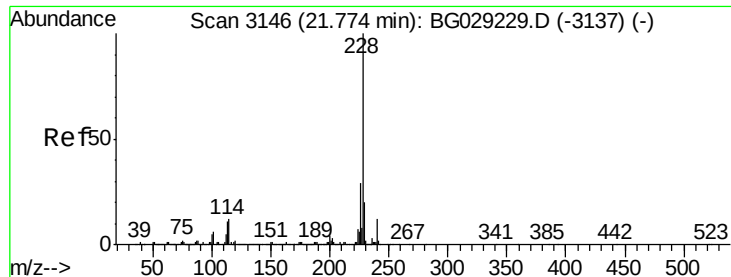
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.4	11.2#
100	9.8	5.6	8.4#



#77
Pyrene
Concen: 3.07 ng/ul
RT: 19.93 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG029234.D
Acq: 14 Oct 2017 22:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	8.4	12.6#
100	13.3	7.0	10.6#





#80

Benzo(a)anthracene

Concen: 1.93 ng/ul

RT: 21.78 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

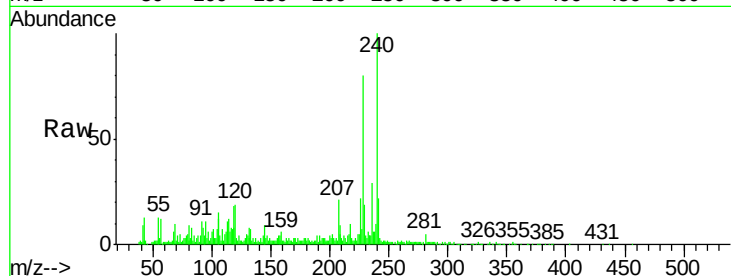
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 74175

Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.2	24.4
226	27.7	22.2	33.2

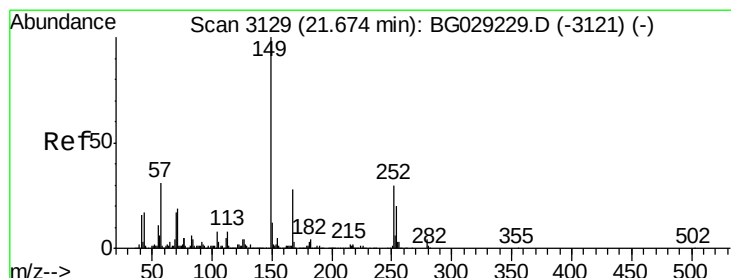
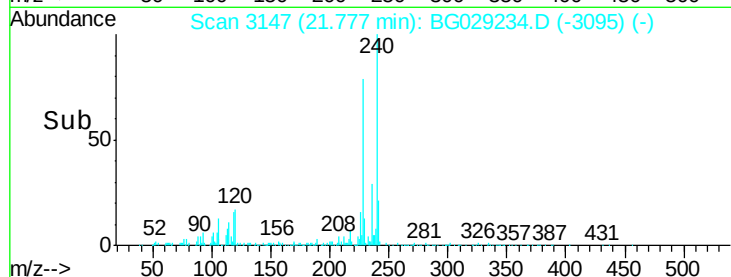
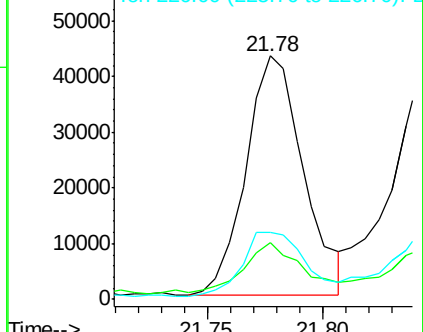


Abundance

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



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.07 ng/ul

RT: 21.68 min Scan# 3130

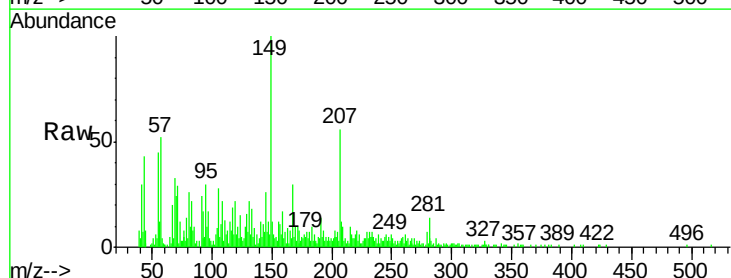
Delta R.T. 0.00 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Tgt Ion:149 Resp: 25843

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.2	34.8
279	6.8	3.1	4.7#

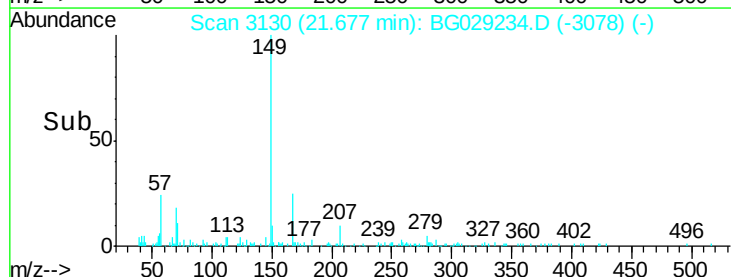
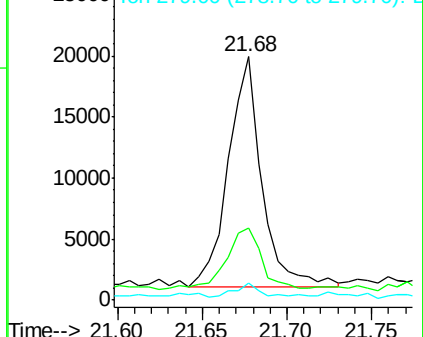


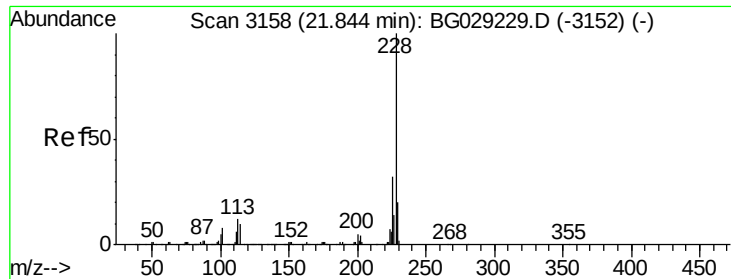
Abundance

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

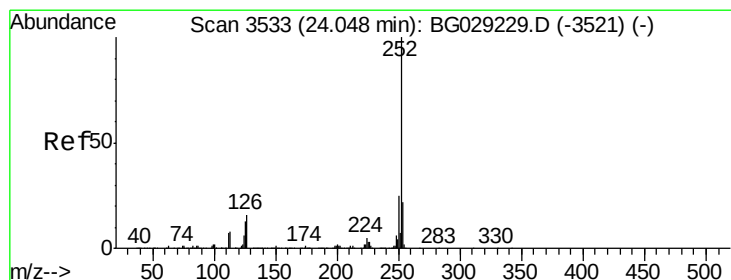
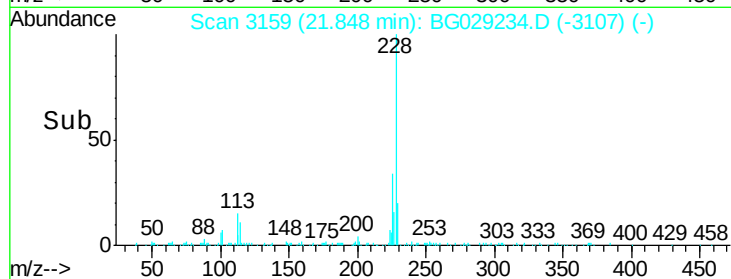
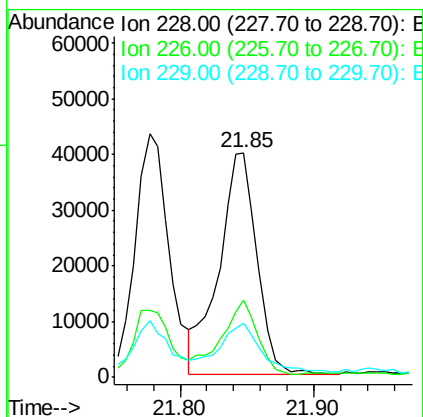
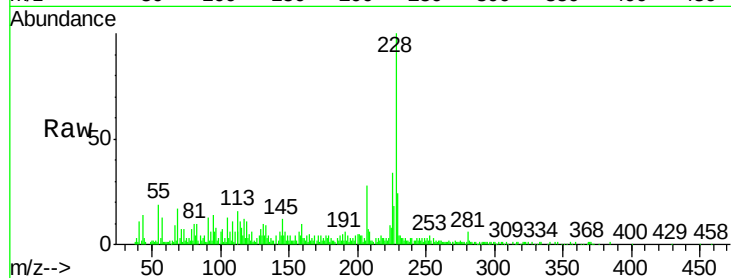




#82
Chrysene
Concen: 2.25 ng/ul
RT: 21.85 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG029234.D
Acq: 14 Oct 2017 22:13

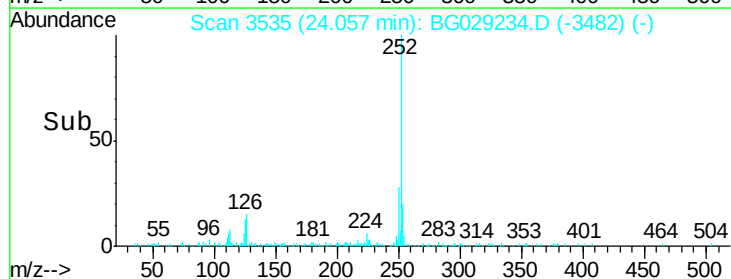
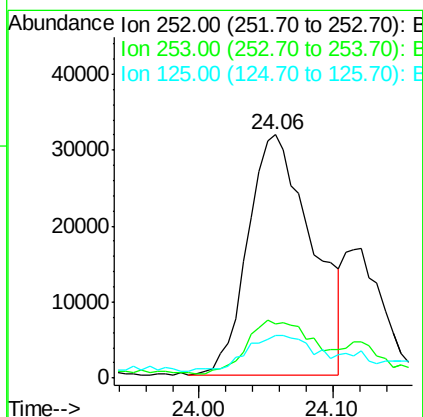
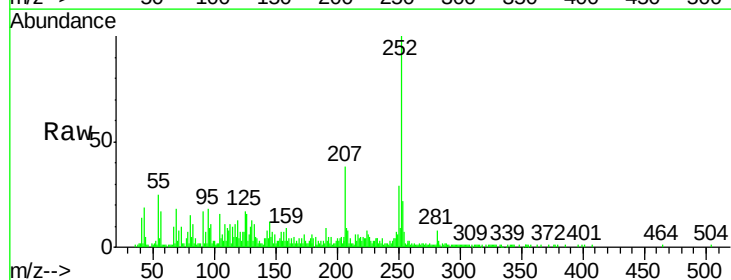
Instrument :
BNA_G
ClientSampleId :

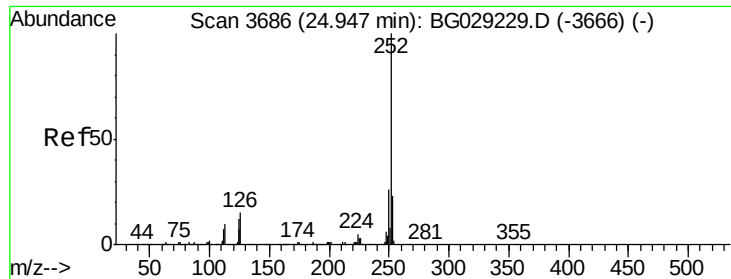
Tot Ion:228 Resp: 78541
Ion Ratio Lower Upper
228 100
226 34.3 24.2 36.2
229 24.2 15.2 22.8#



#85
Benzo(b)fluoranthene
Concen: 2.90 ng/ul
RT: 24.06 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BG029234.D
Acq: 14 Oct 2017 22:13

Tgt Ion:252 Resp: 105854
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 17.5 7.5 11.3#





#88

Benzo(a)pyrene

Concen: 1.86 ng/ul

RT: 24.96 min Scan# 3688

Delta R.T. 0.01 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Instrument :

BNA_G

ClientSampleId :

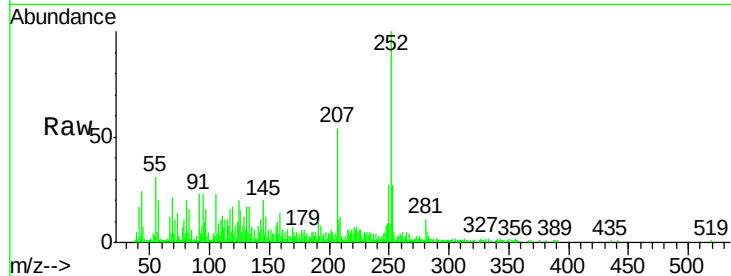
Tot Ion:252 Resp: 65953

Ion Ratio Lower Upper

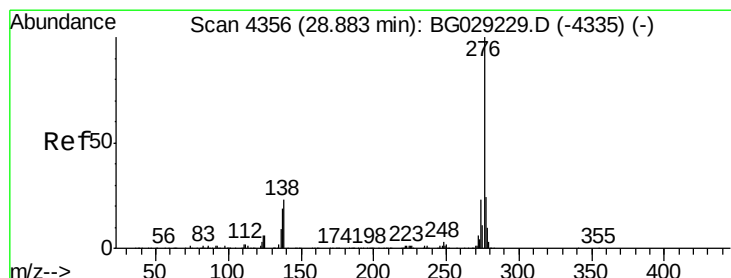
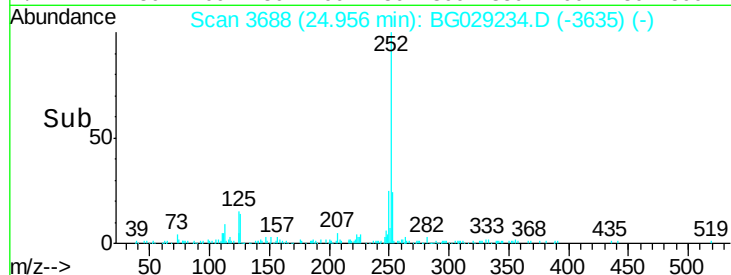
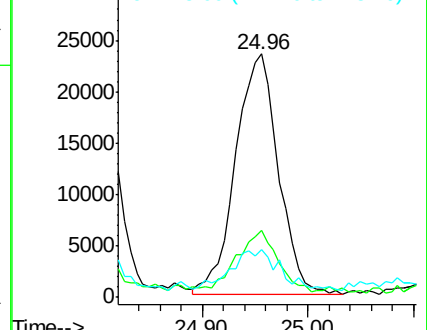
252 100

253 27.3 17.1 25.7#

125 19.6 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: 1.12 ng/ul

RT: 28.89 min Scan# 4358

Delta R.T. 0.01 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

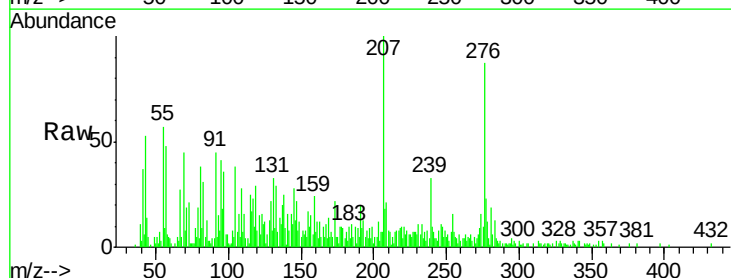
Tgt Ion:276 Resp: 45002

Ion Ratio Lower Upper

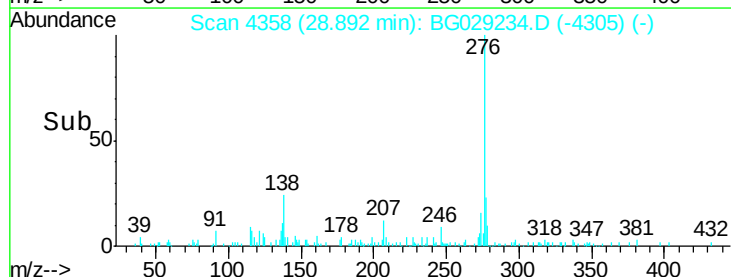
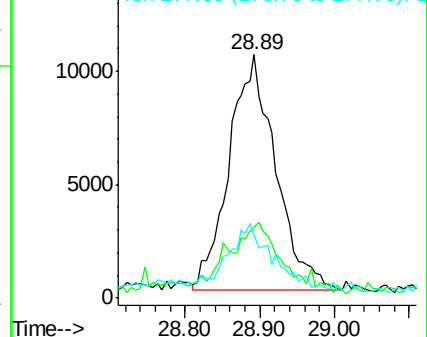
276 100

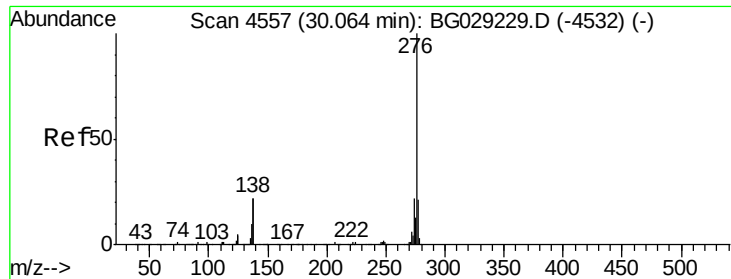
138 28.9 13.4 20.0#

277 26.2 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: 1.10 ng/ul

RT: 30.08 min Scan# 4560

Delta R.T. 0.01 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Instrument :

BNA_G

ClientSampleId :

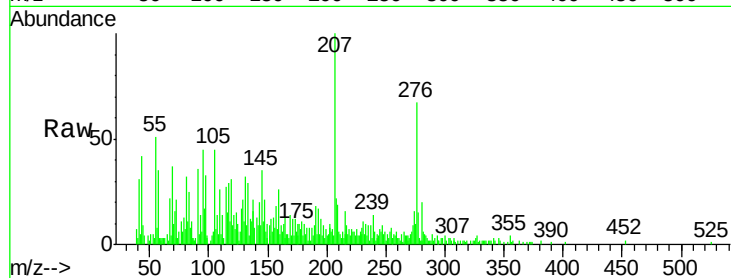
Tot Ion:276 Resp: 36694

Ion Ratio Lower Upper

276 100

138 24.3 12.1 18.1#

277 22.3 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

