

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029238.D
 Acq On : 15 Oct 2017 00:54
 Operator : SJ/JU
 Sample : I5548-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 15 01:42:48 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	114125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	512399	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	308345	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	652506	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	577561	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	569198	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9896	3.52	ng/uL	0.00
5) Phenol-d5	7.32	99	188691	17.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	124461	18.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	142010	18.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	125884	14.23	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	75282	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	78565	20.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	148667	17.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	168055	16.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	496095	18.82	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	606067	18.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	66050	13.57	ng/ul	0.00
57) Fluorene-d10	15.78	176	426970	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	48921	15.36	ng/ul	0.00
70) Anthracene-d10	17.62	188	608243	19.71	ng/ul	0.00
76) Pyrene-d10	19.90	212	611119	20.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	529367	19.64	ng/ul	0.00

Target Compounds

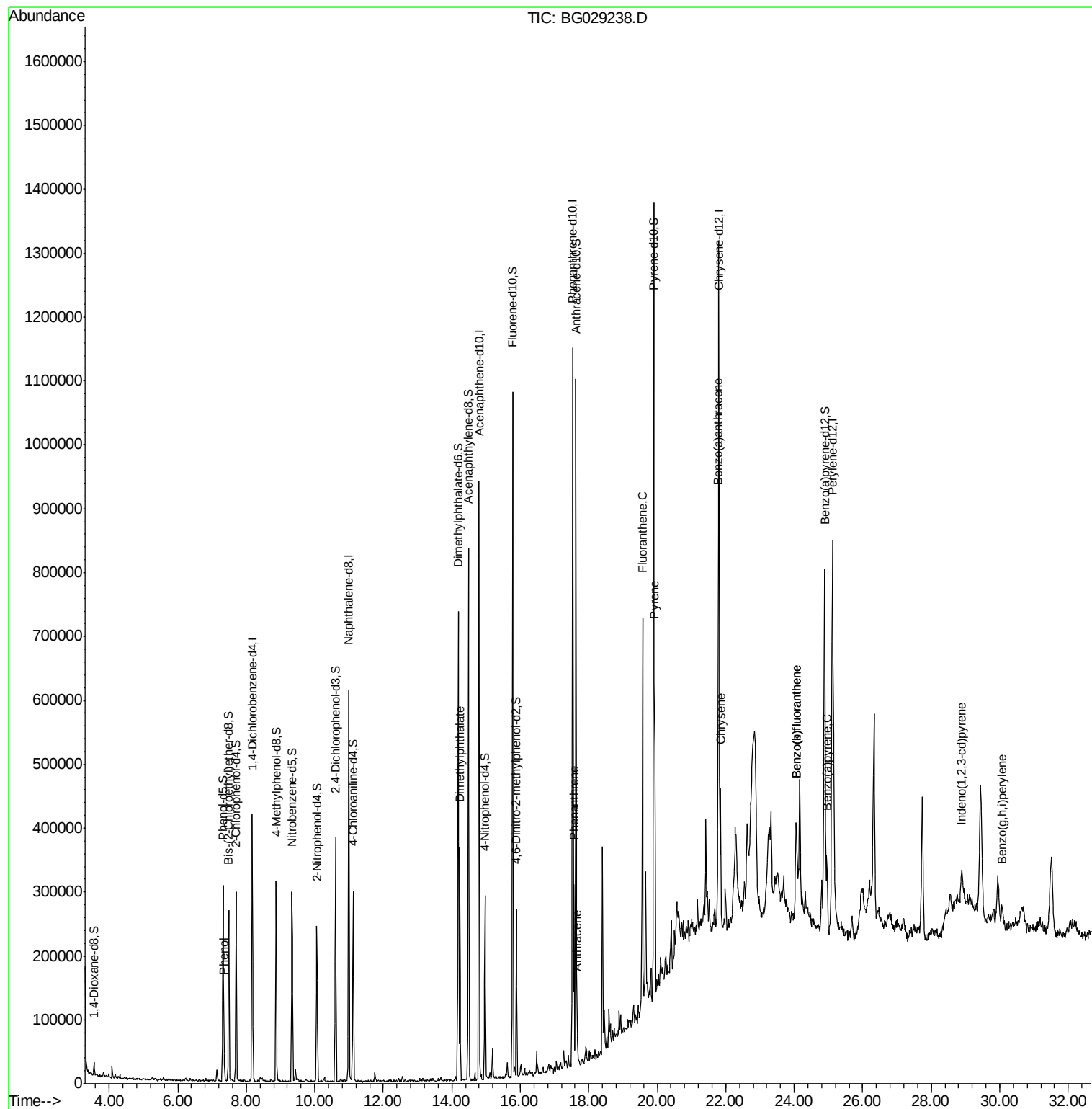
					Ovalue	
6) Phenol	7.35	94	22205	1.96	ng/ul#	85
44) Dimethylphthalate	14.23	163	228534	8.89	ng/ul	98
69) Phenanthrene	17.57	178	168419	4.77	ng/ul	98
71) Anthracene	17.66	178	36857	1.01	ng/ul	98
74) Fluoranthene	19.57	202	356050	9.03	ng/ul#	90
77) Pyrene	19.93	202	297997	7.70	ng/ul#	88
80) Benzo(a)anthracene	21.78	228	161179	4.45	ng/ul	96
82) Chrysene	21.85	228	149100	4.53	ng/ul	95
85) Benzo(b)fluoranthene	24.06	252	188039	5.50	ng/ul	98
86) Benzo(k)fluoranthene	24.06	252	188128	5.69	ng/ul	98
88) Benzo(a)pyrene	24.95	252	126130	3.79	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	28.89	276	85222	2.26	ng/ul#	82
91) Benzo(g,h,i)perylene	30.08	276	60208	1.93	ng/ul#	87

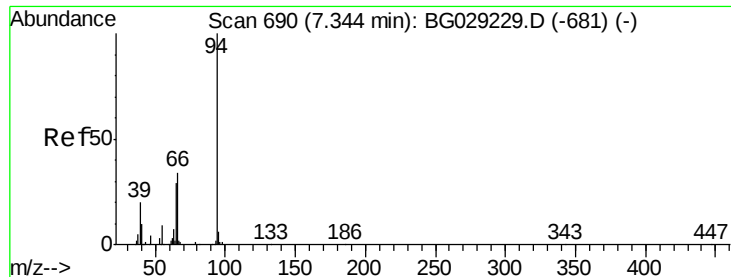
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampled :

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.96 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Instrument :

BNA_G

ClientSampleId :

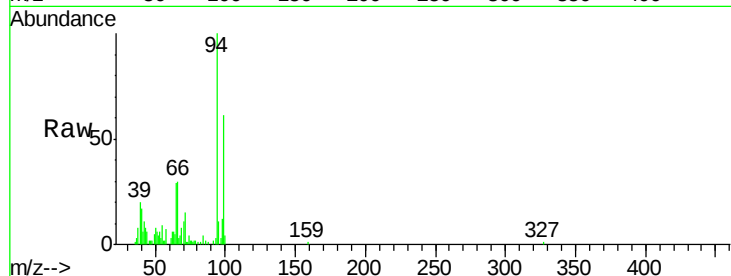
Tot Ion: 94 Resp: 22205

Ion Ratio Lower Upper

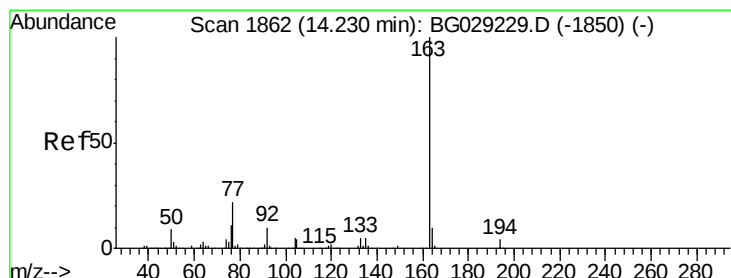
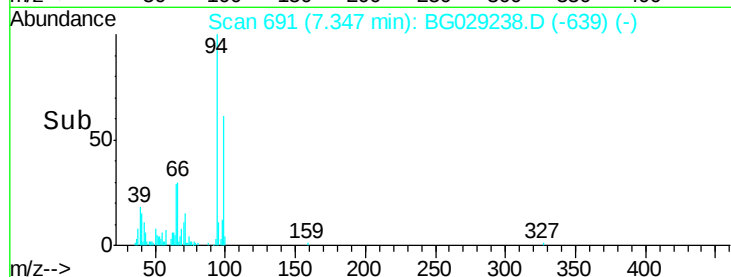
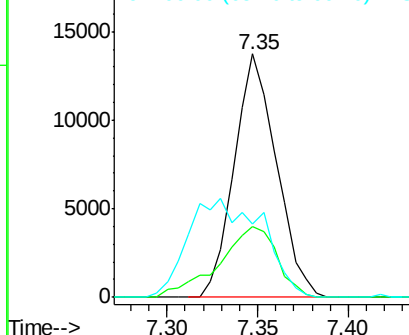
94 100

65 29.1 27.1 40.7

66 30.0 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: 8.89 ng/ul

RT: 14.23 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

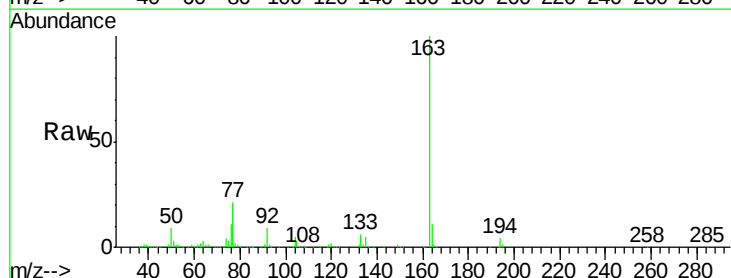
Tgt Ion:163 Resp: 228534

Ion Ratio Lower Upper

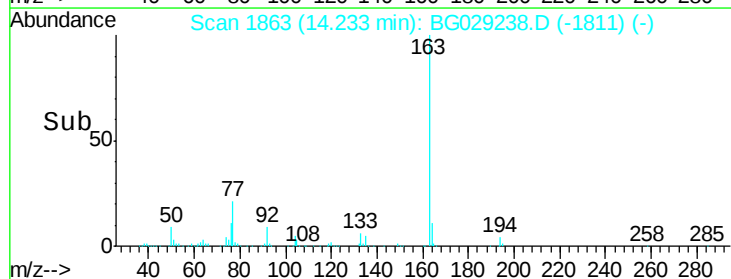
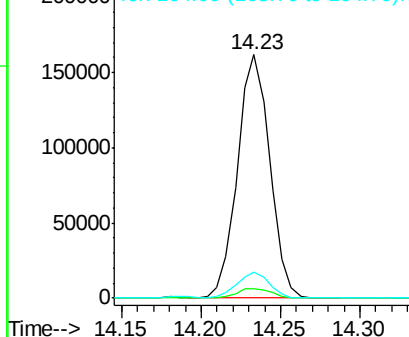
163 100

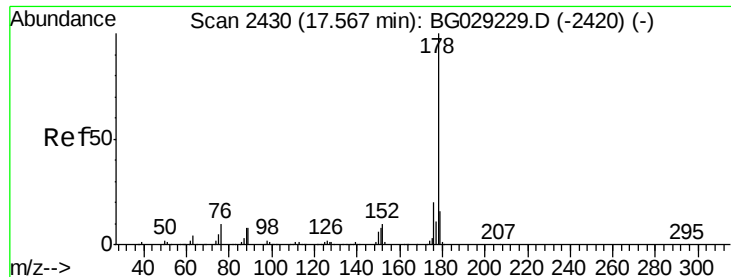
194 3.9 3.5 5.3

164 10.5 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: 4.77 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Instrument :

BNA_G

ClientSampled :

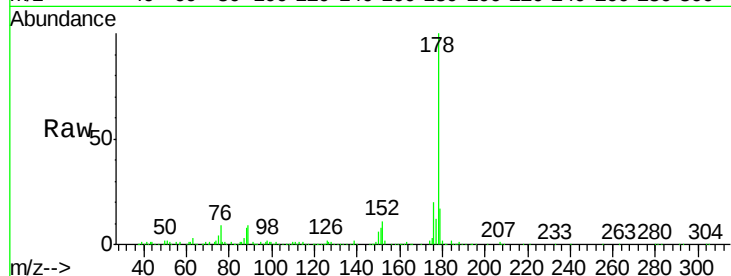
Tot Ion:178 Resp: 168419

Ion Ratio Lower Upper

178 100

179 16.9 13.0 19.6

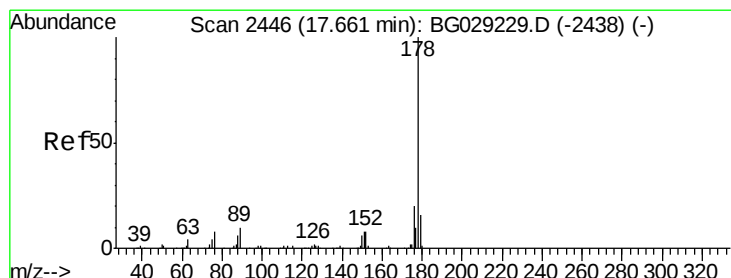
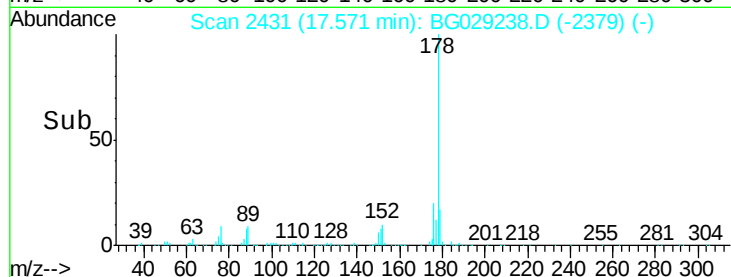
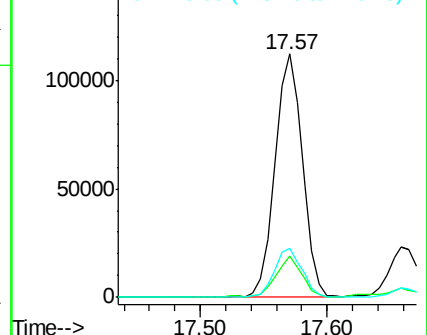
176 20.0 15.3 22.9



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: 1.01 ng/ul

RT: 17.66 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

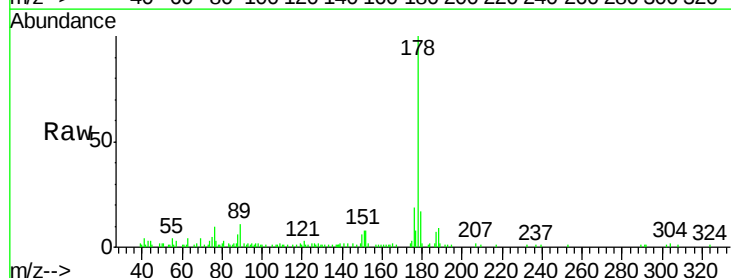
Tgt Ion:178 Resp: 36857

Ion Ratio Lower Upper

178 100

179 17.2 13.2 19.8

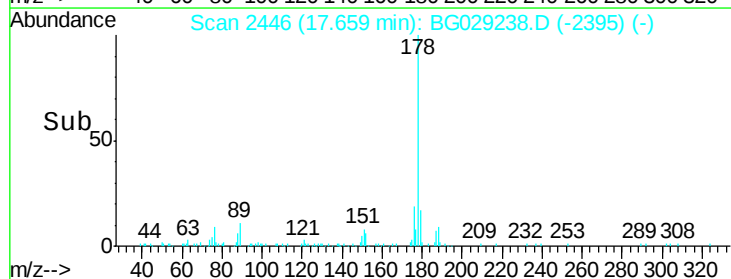
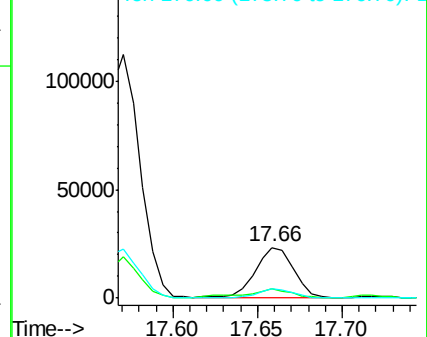
176 19.1 16.0 24.0

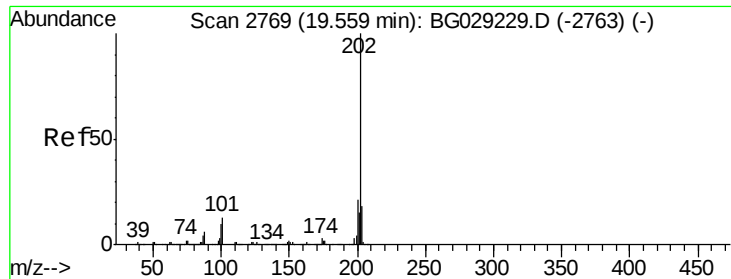


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

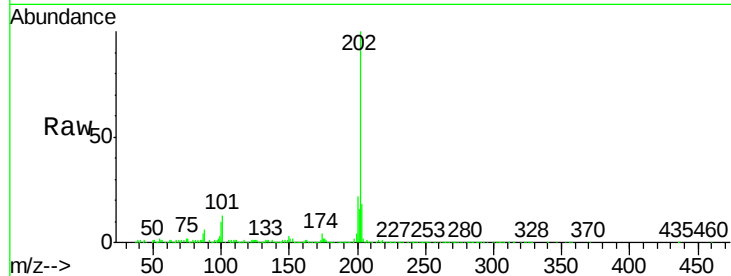




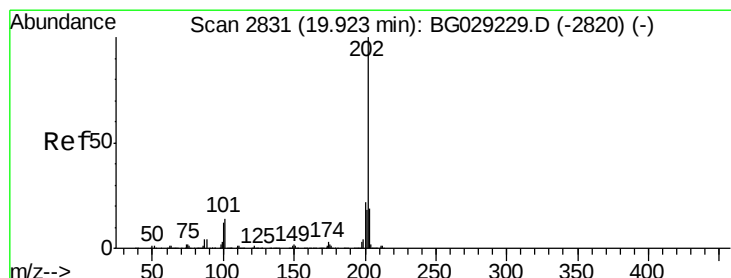
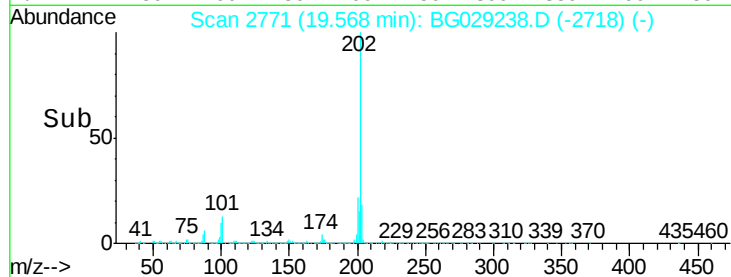
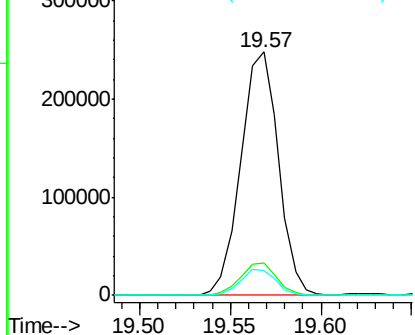
#74
 Fluoranthene
 Concen: 9.03 ng/ul
 RT: 19.57 min Scan# 2771
 Delta R.T. 0.01 min
 Lab File: BG029238.D
 Acq: 15 Oct 2017 00:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	7.4	11.2#
100	9.9	5.6	8.4#

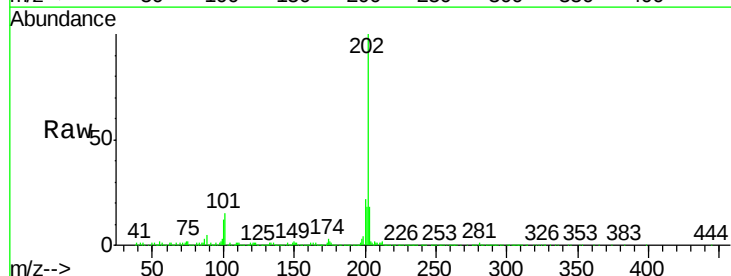


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

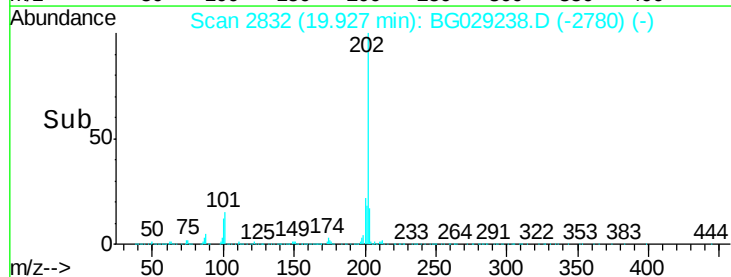
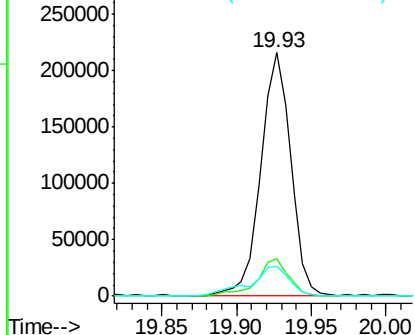


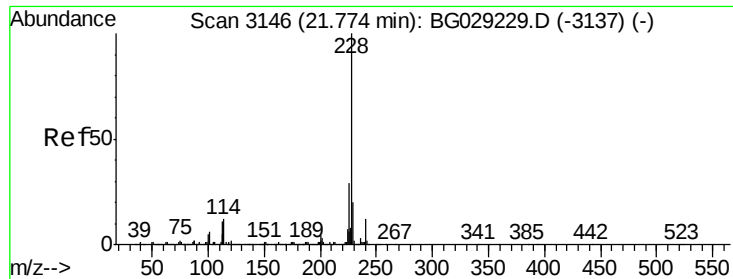
#77
 Pyrene
 Concen: 7.70 ng/ul
 RT: 19.93 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG029238.D
 Acq: 15 Oct 2017 00:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	8.4	12.6#
100	12.3	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

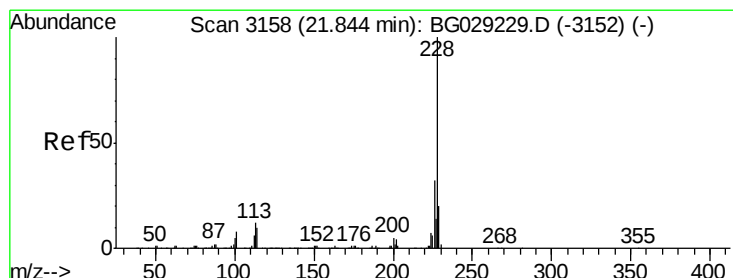
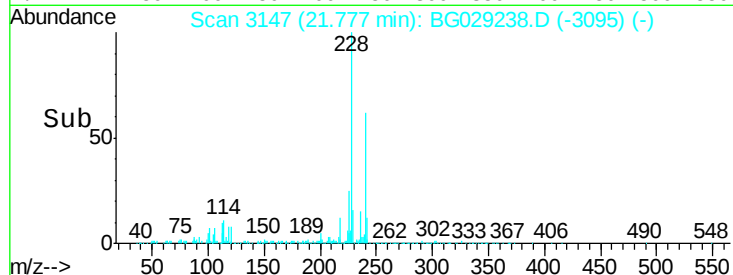
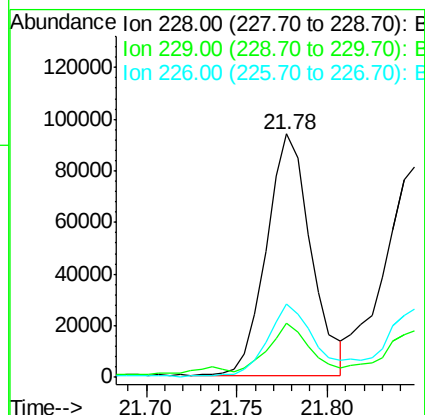
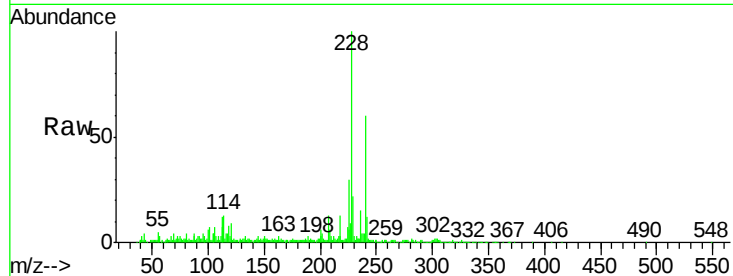




#80
Benzo(a)anthracene
Concen: 4.45 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG029238.D
Acq: 15 Oct 2017 00:54

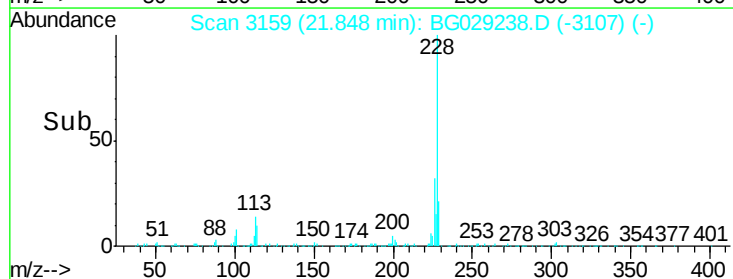
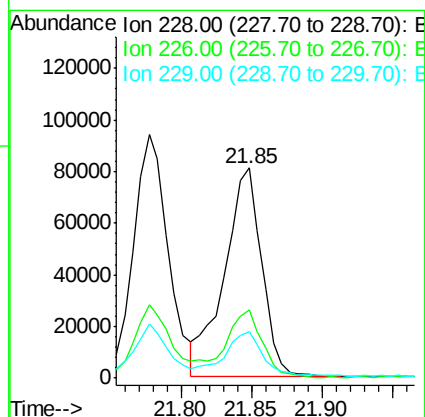
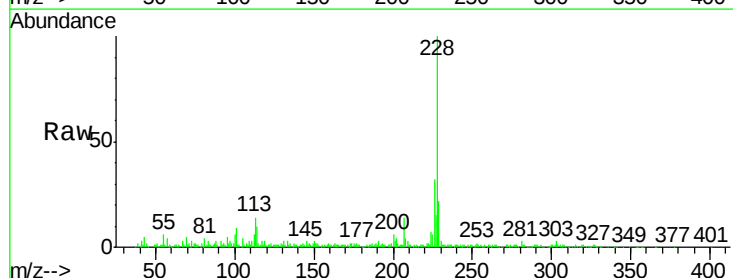
Instrument :
BNA_G
ClientSampleId :

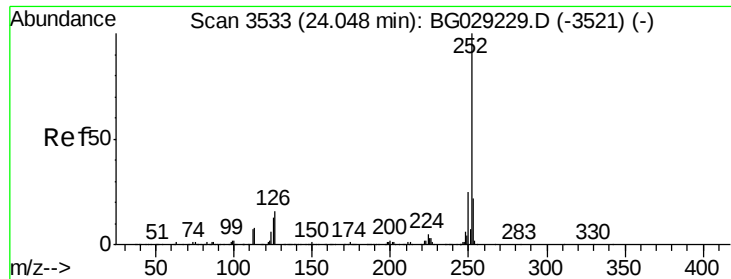
Tot Ion:228 Resp: 161179
Ion Ratio Lower Upper
228 100
229 22.2 16.2 24.4
226 30.1 22.2 33.2



#82
Chrysene
Concen: 4.53 ng/ul
RT: 21.85 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG029238.D
Acq: 15 Oct 2017 00:54

Tgt Ion:228 Resp: 149100
Ion Ratio Lower Upper
228 100
226 32.2 24.2 36.2
229 22.2 15.2 22.8





#85

Benzo(b)fluoranthene

Concen: 5.50 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. 0.02 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Instrument :

BNA_G

ClientSampleId :

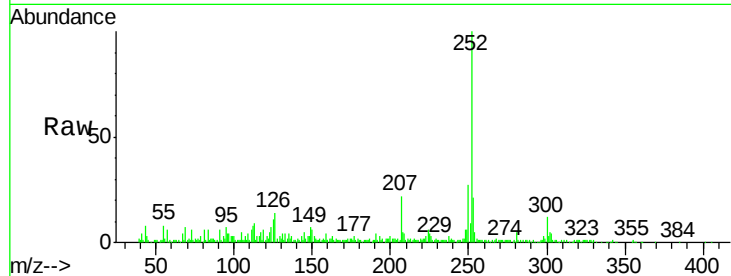
Tot Ion:252 Resp: 188039

Ion Ratio Lower Upper

252 100

253 20.6 17.0 25.4

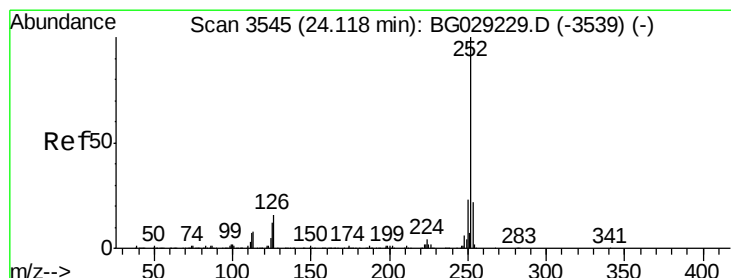
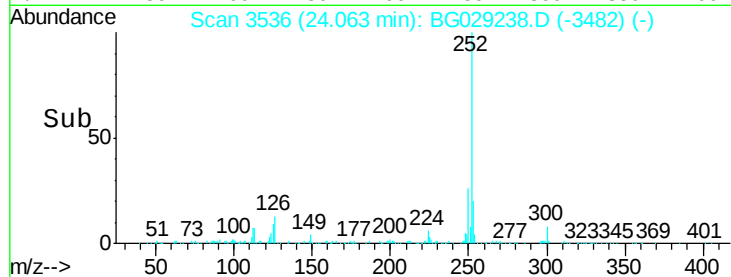
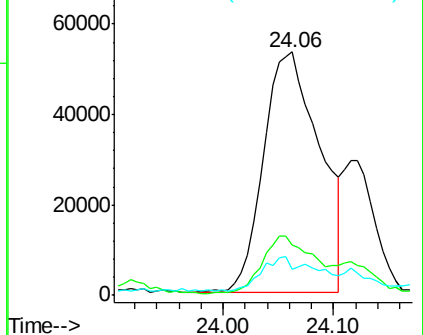
125 10.9 7.5 11.3



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: 5.69 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. -0.06 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

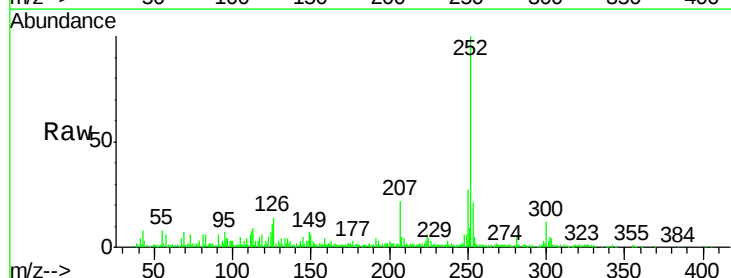
Tgt Ion:252 Resp: 188128

Ion Ratio Lower Upper

252 100

253 20.6 17.2 25.8

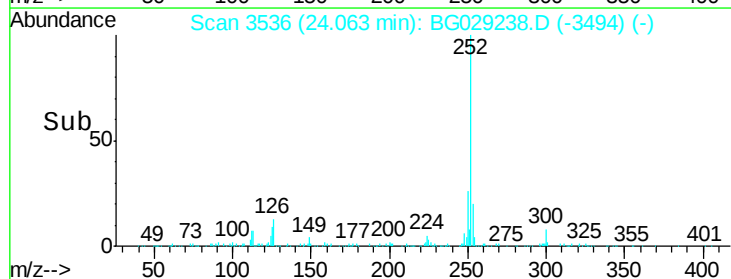
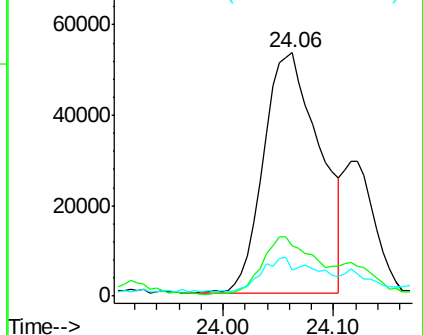
125 10.9 7.8 11.8

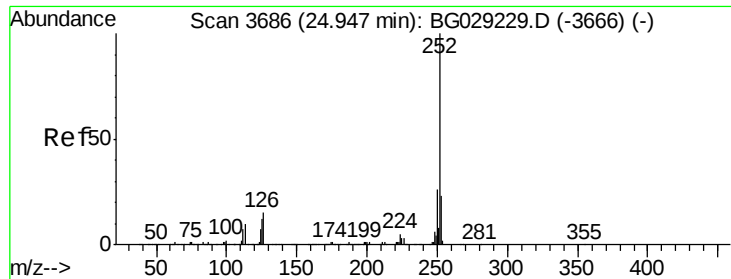


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.79 ng/ul

RT: 24.95 min Scan# 3687

Delta R.T. 0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Instrument :

BNA_G

ClientSampleId :

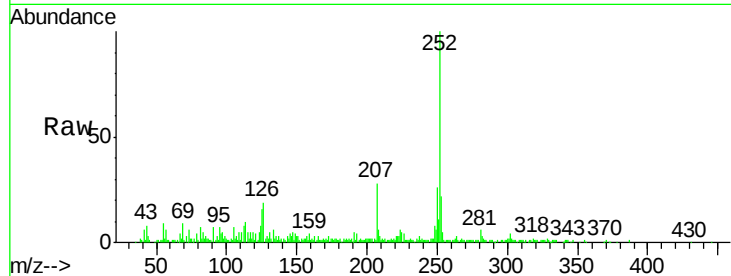
Tot Ion:252 Resp: 126130

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

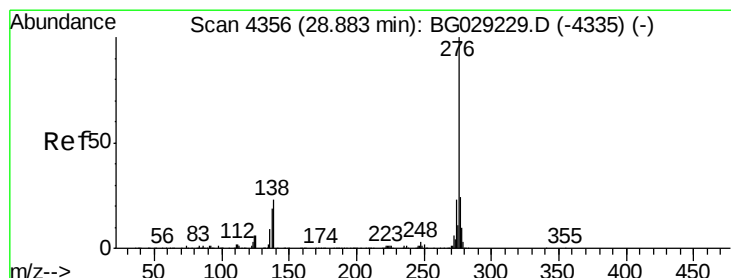
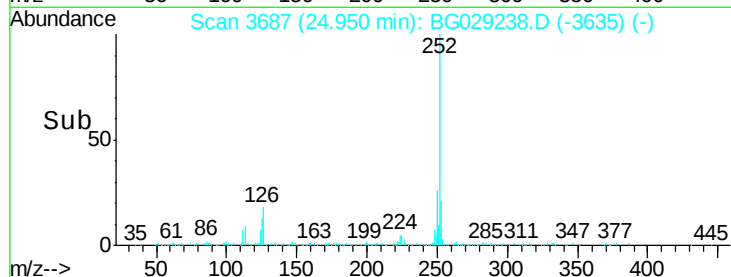
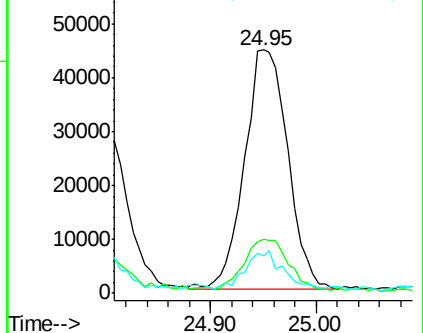
125 15.6 7.8 11.8#



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: 2.26 ng/ul

RT: 28.89 min Scan# 4357

Delta R.T. 0.00 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

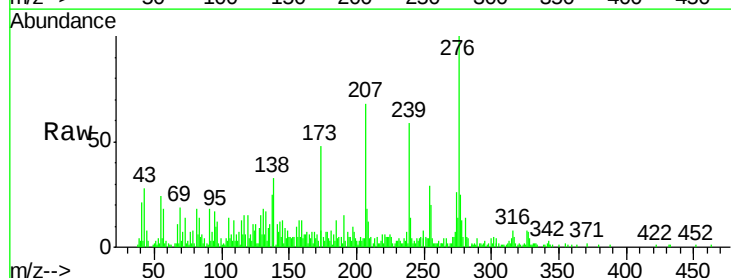
Tgt Ion:276 Resp: 85222

Ion Ratio Lower Upper

276 100

138 33.4 13.4 20.0#

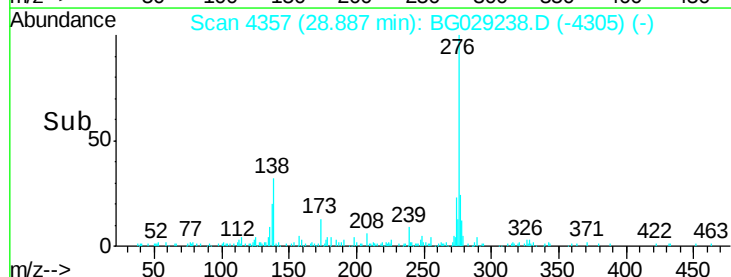
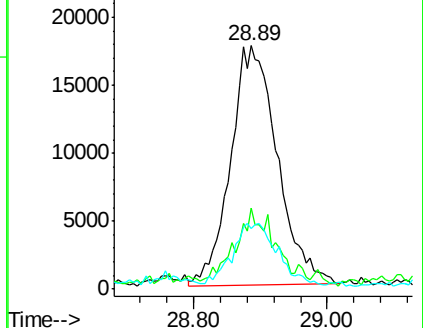
277 25.1 18.6 28.0

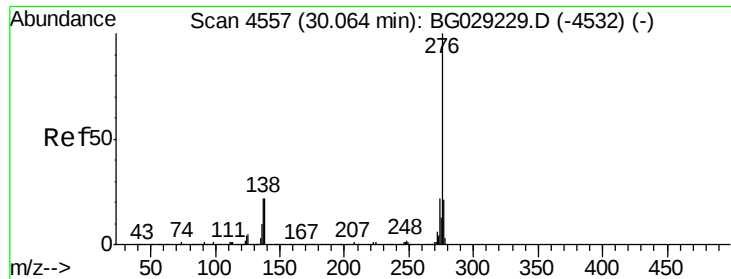


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.93 ng/ul

RT: 30.08 min Scan# 4560

Delta R.T. 0.02 min

Lab File: BG029238.D

Acq: 15 Oct 2017 00:54

Instrument :

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ClientSampleId :

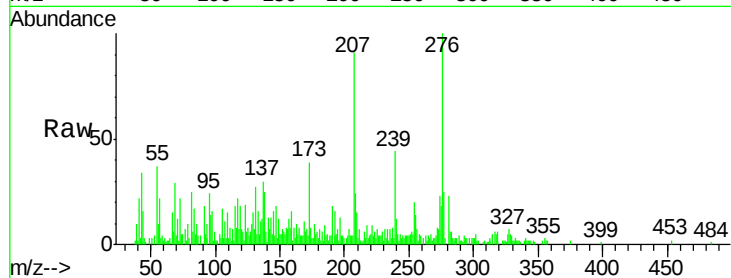
Tot Ion:276 Resp: 60208

Ion Ratio Lower Upper

276 100

138 24.8 12.1 18.1#

277 25.0 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

