

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
 Data File : BG022737.D
 Acq On : 30 Jun 2016 21:40
 Operator : UM/SJ
 Sample : H3759-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHN9

Quant Time: Jul 01 03:37:34 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 03:35:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	113990	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	513029	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	400322	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	968235	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1117081	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1141993	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	4479	2.20	ng/uL	0.00
5) Phenol-d5	7.31	99	301852	25.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	182807	27.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	202520	25.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	230037	24.70	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	104154	25.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	130689	26.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	249398	24.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	259567	29.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	903350	27.78	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	994035	26.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	111513	21.84	ng/ul	0.00
57) Fluorene-d10	15.79	176	840962	27.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	133140	21.38	ng/ul	0.00
70) Anthracene-d10	17.66	188	1290648	28.68	ng/ul	0.00
76) Pyrene-d10	19.94	212	1570967	29.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1614805	29.76	ng/ul	0.00

Target Compounds

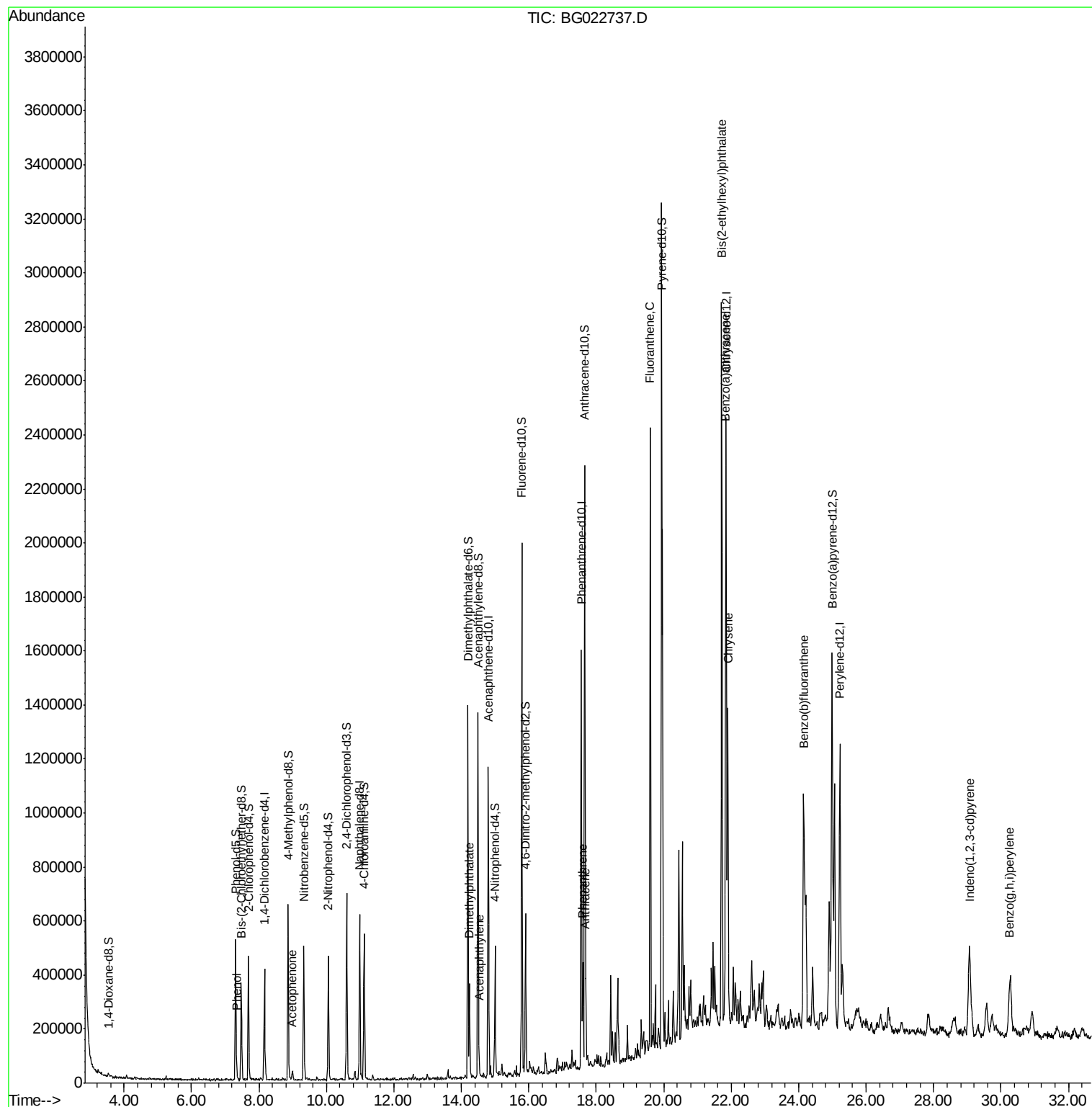
						Qvalue
6) Phenol	7.34	94	15363	1.25	ng/ul#	55
14) Acetophenone	8.99	105	19282	1.28	ng/ul	98
44) Dimethylphthalate	14.24	163	205941	6.20	ng/ul	98
47) Acenaphthylene	14.52	152	39610	1.06	ng/ul	95
69) Phenanthrene	17.60	178	232483	4.69	ng/ul	100
71) Anthracene	17.69	178	209811	4.12	ng/ul	98
74) Fluoranthene	19.60	202	1456456	28.23	ng/ul#	86
80) Benzo(a)anthracene	21.83	228	1021317	15.59	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.72	149	1078620	34.47	ng/ul#	94
82) Chrysene	21.90	228	889579	14.91	ng/ul	96
85) Benzo(b)fluoranthene	24.15	252	1303520	18.27	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.06	276	592365	8.26	ng/ul#	77
91) Benzo(g,h,i)perylene	30.25	276	215556	3.84	ng/ul#	82

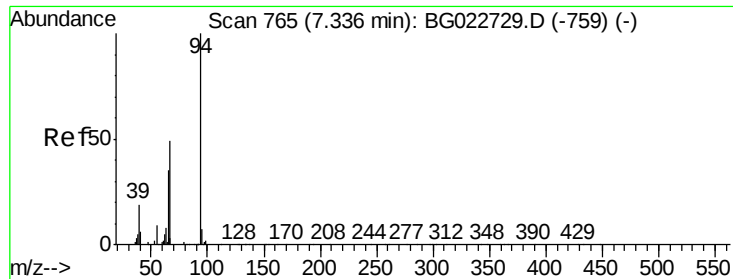
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG063016\
Data File : BG022737.D
Acq On : 30 Jun 2016 21:40
Operator : UM/SJ
Sample : H3759-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDHN9

Quant Time: Jul 01 03:37:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 03:35:17 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.25 ng/ul

RT: 7.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

BDHN9

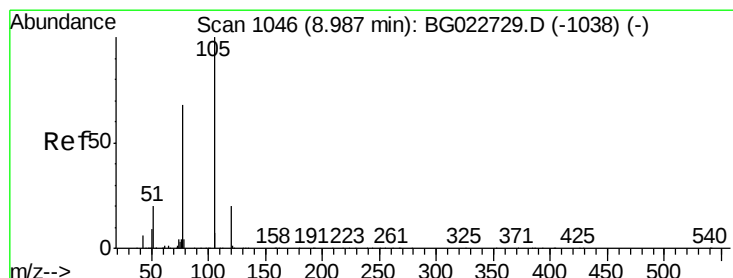
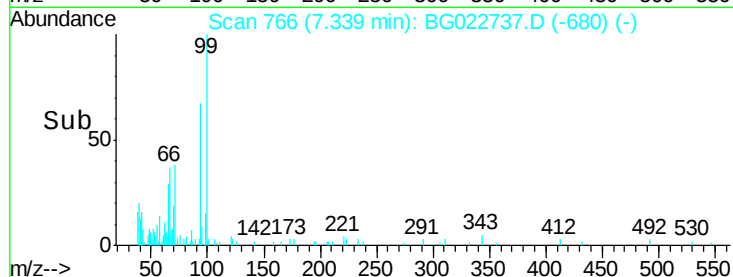
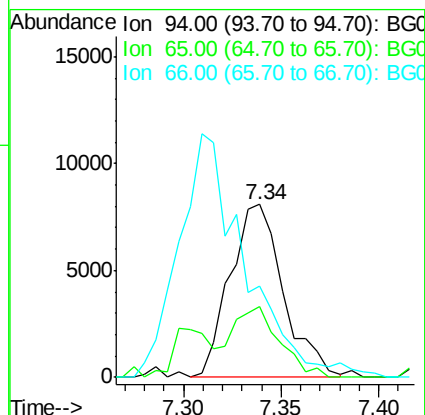
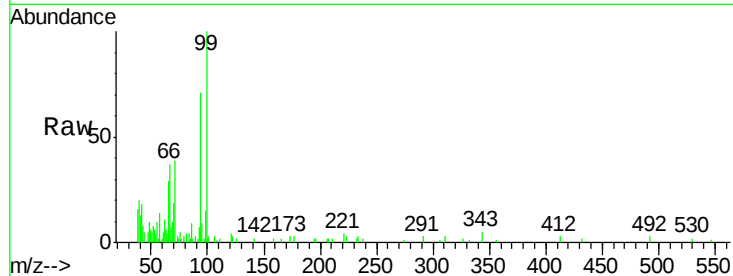
Tgt Ion: 94 Resp: 15363

Ion Ratio Lower Upper

94 100

65 41.3 16.8 25.2#

66 52.9 22.6 33.8#



#14

Acetophenone

Concen: 1.28 ng/ul

RT: 8.99 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

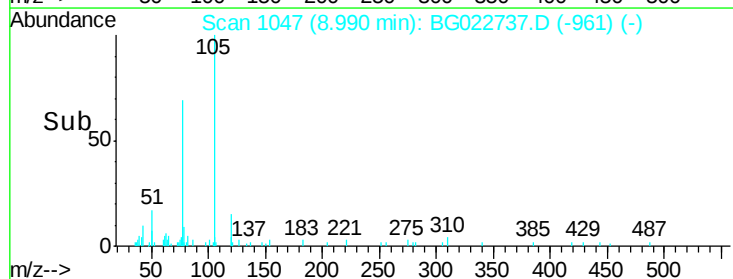
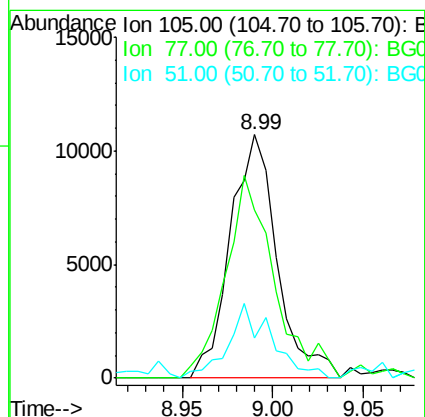
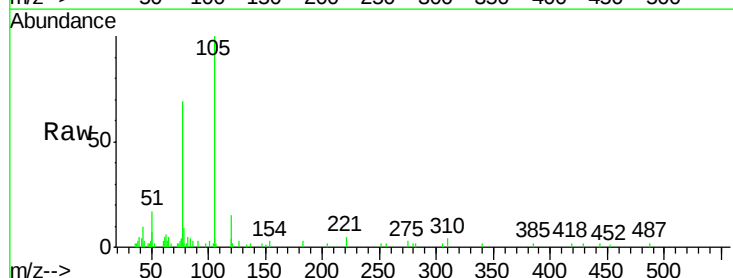
Tgt Ion: 105 Resp: 19282

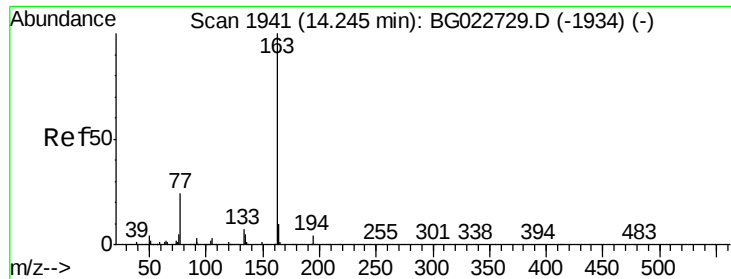
Ion Ratio Lower Upper

105 100

77 69.0 56.1 84.1

51 16.6 14.6 22.0





#44

Dimethylphthalate

Concen: 6.20 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

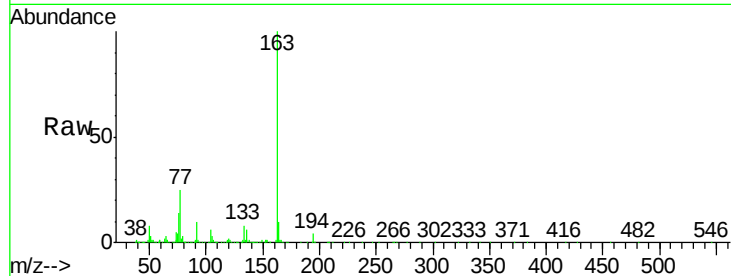
Instrument :

BNA_G

ClientSampleId :

BDHN9

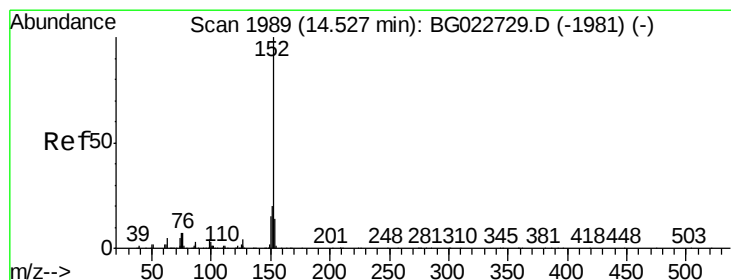
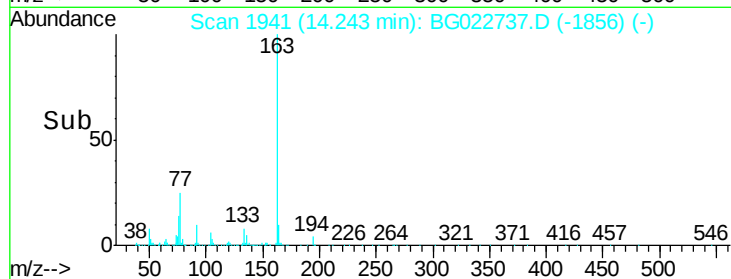
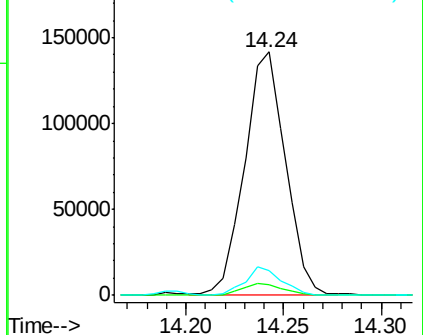
Tgt Ion:	163	Resp:	205941
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.1	8.8	13.2



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



#47

Acenaphthylene

Concen: 1.06 ng/ul

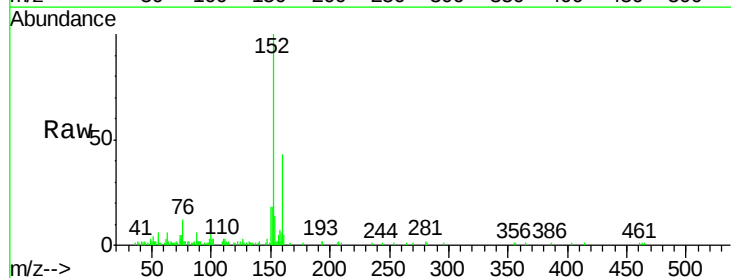
RT: 14.52 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

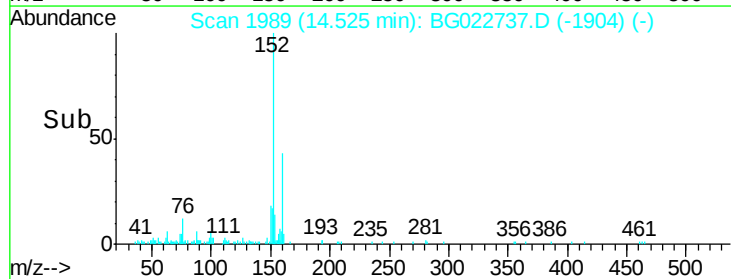
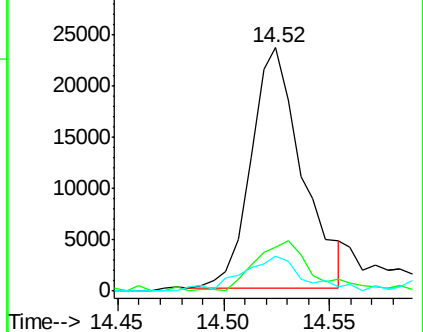
Tgt Ion:	152	Resp:	39610
Ion	Ratio	Lower	Upper
152	100		
151	18.2	17.5	26.3
153	14.1	11.1	16.7

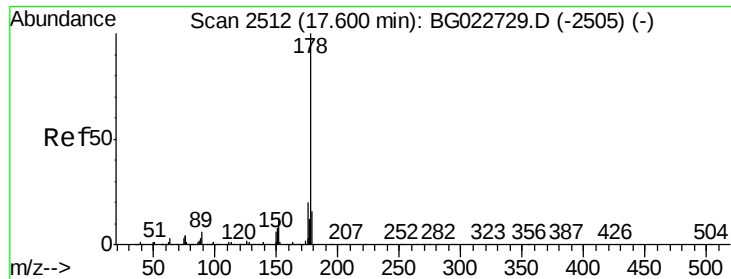


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 4.69 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

BDHN9

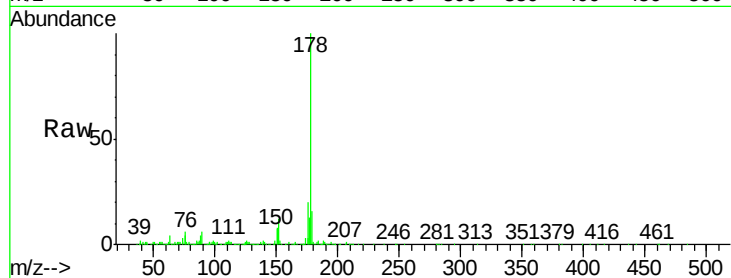
Tgt Ion:178 Resp: 232483

Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

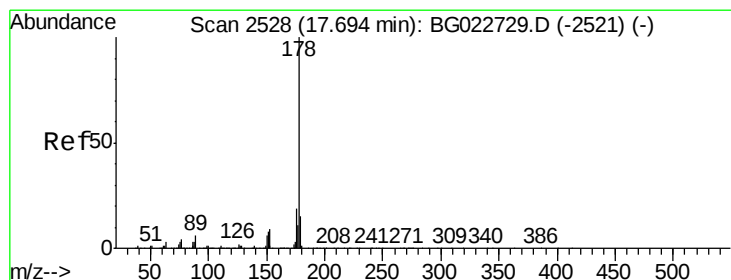
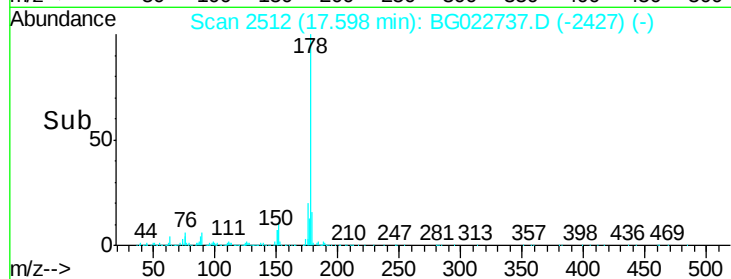
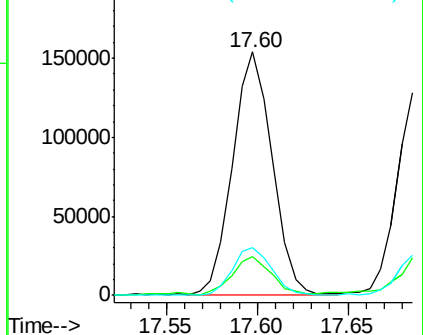
176 19.8 15.8 23.8



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: 4.12 ng/ul

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

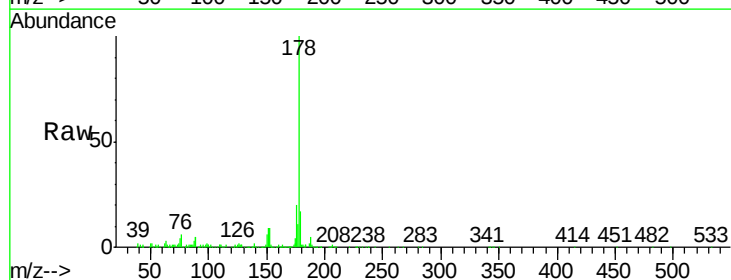
Tgt Ion:178 Resp: 209811

Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

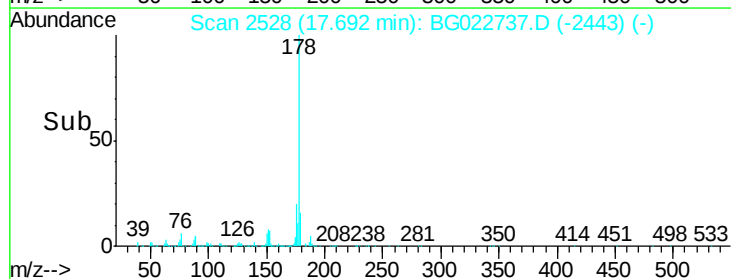
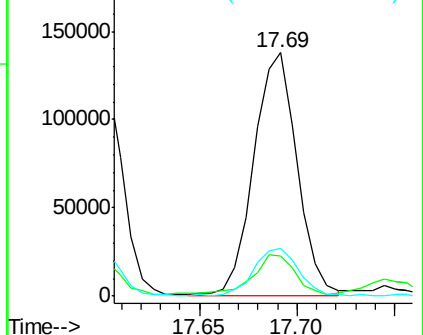
176 19.7 16.3 24.5

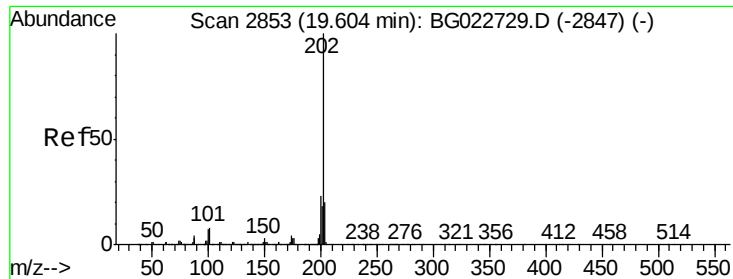


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 28.23 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

BDHN9

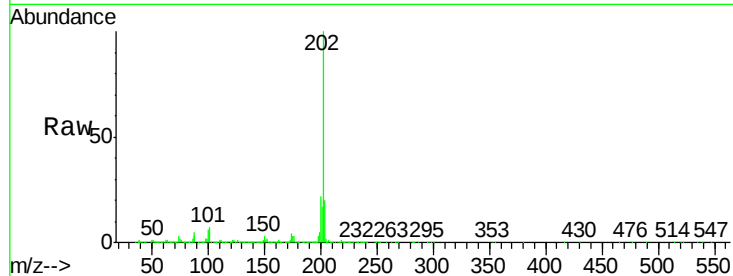
Tgt Ion:202 Resp: 1456456

Ion Ratio Lower Upper

202 100

101 7.5 10.6 16.0#

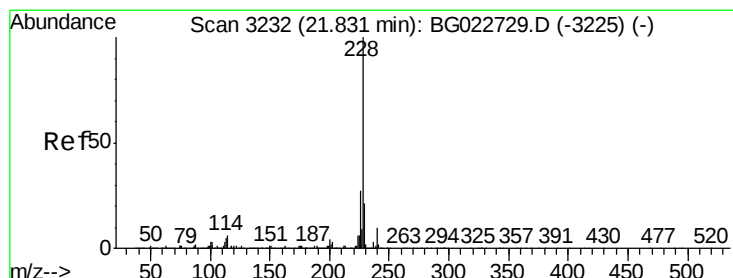
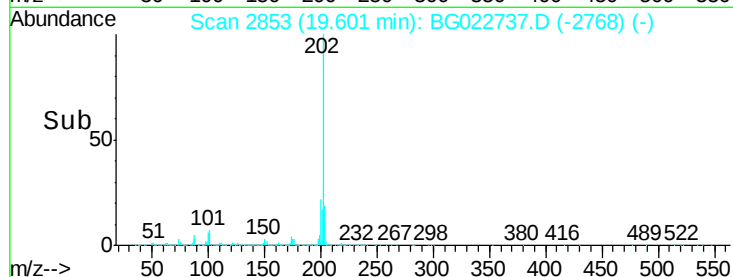
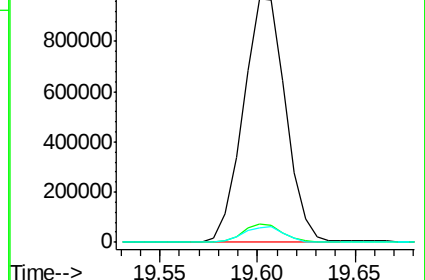
100 6.2 8.7 13.1#



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): E



#80

Benzo(a)anthracene

Concen: 15.59 ng/ul

RT: 21.83 min Scan# 3233

Delta R.T. 0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

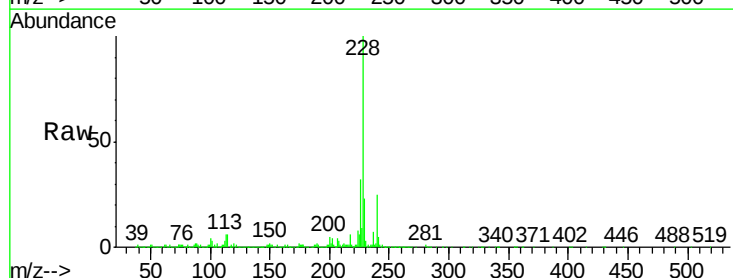
Tgt Ion:228 Resp: 1021317

Ion Ratio Lower Upper

228 100

229 23.0 15.4 23.2

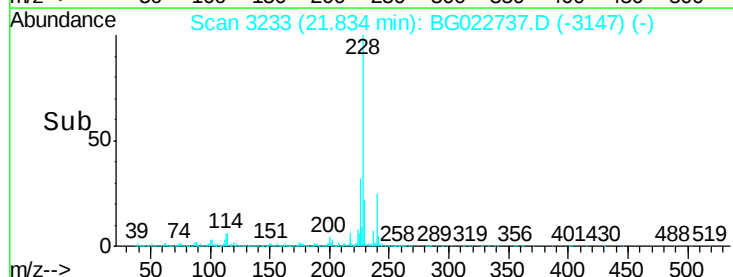
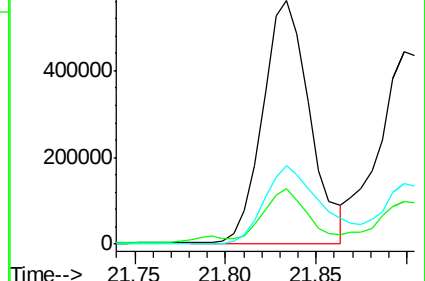
226 32.0 22.8 34.2

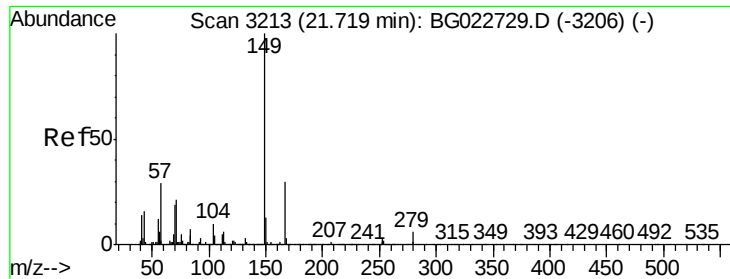


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 34.47 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. 0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

BDHN9

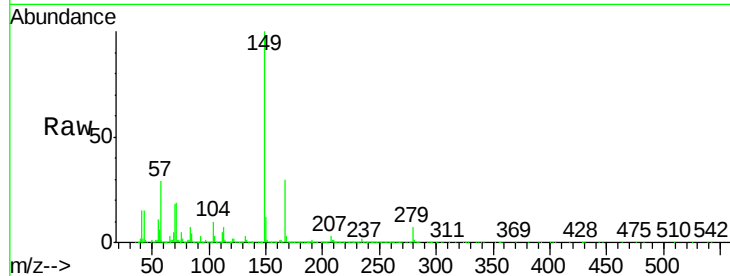
Tgt Ion:149 Resp: 1078620

Ion Ratio Lower Upper

149 100

167 30.2 21.9 32.9

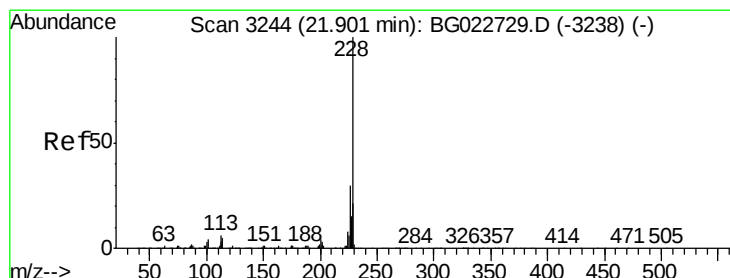
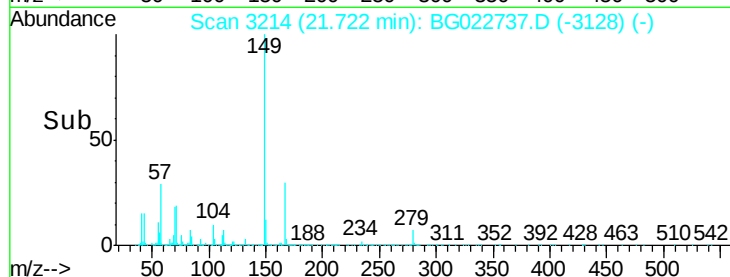
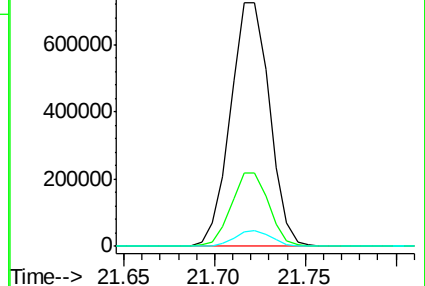
279 6.5 2.9 4.3#



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: 14.91 ng/ul

RT: 21.90 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

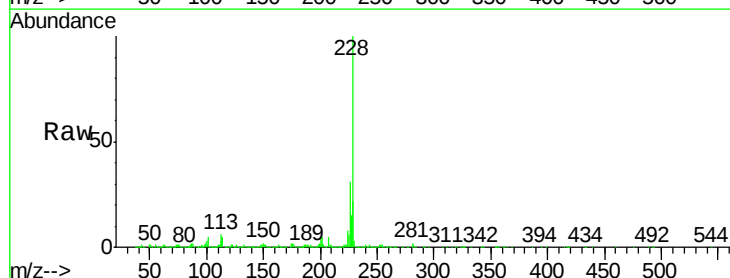
Tgt Ion:228 Resp: 889579

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.4

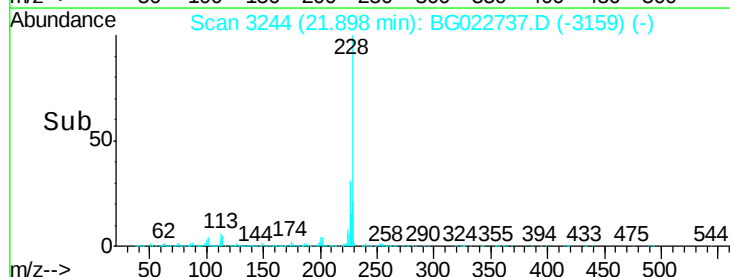
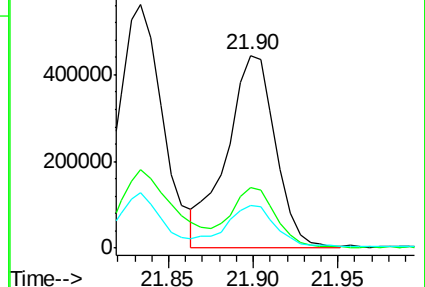
229 21.9 15.0 22.6

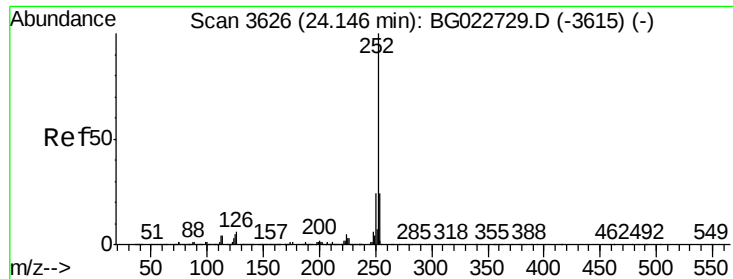


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 18.27 ng/ul

RT: 24.15 min Scan# 3627

Delta R.T. 0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleID :

BDHN9

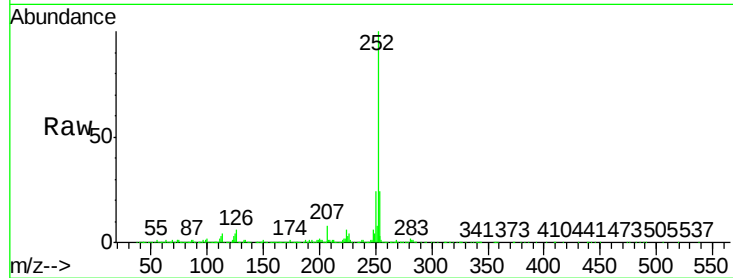
Tgt Ion:252 Resp: 1303520

Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.2

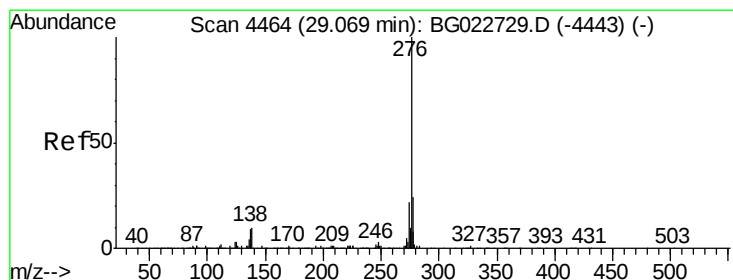
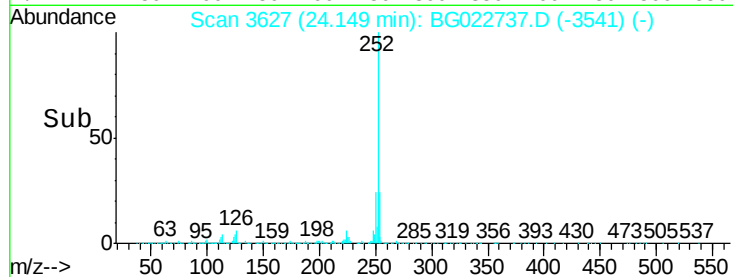
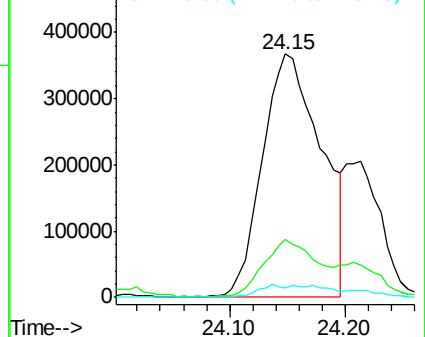
125 3.7 10.8 16.2#



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: 8.26 ng/ul

RT: 29.06 min Scan# 4463

Delta R.T. -0.01 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

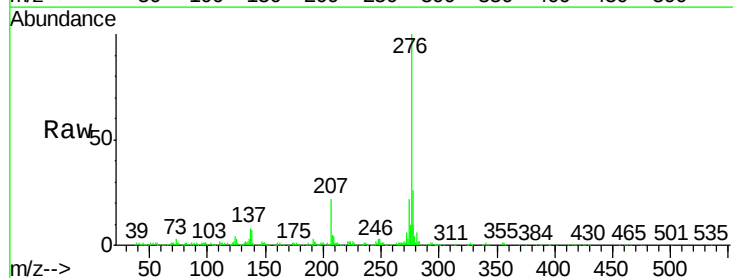
Tgt Ion:276 Resp: 592365

Ion Ratio Lower Upper

276 100

138 7.3 20.8 31.2#

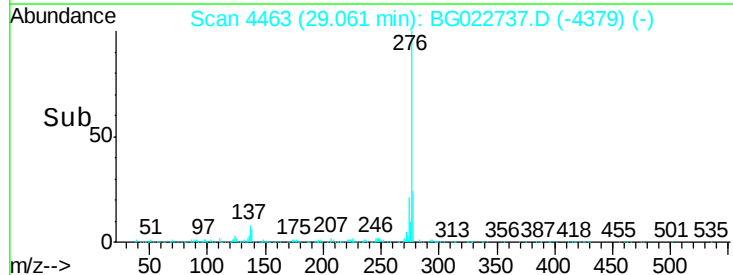
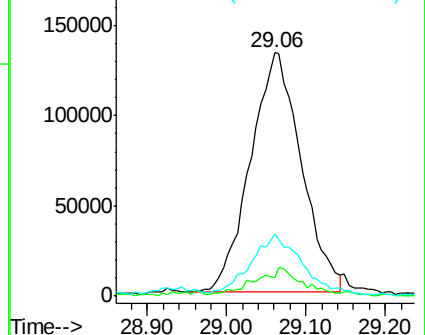
277 25.5 17.6 26.4

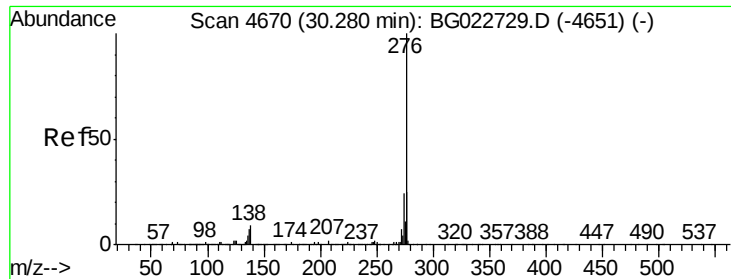


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 3.84 ng/ul

RT: 30.25 min Scan# 4666

Delta R.T. -0.03 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

BDHN9

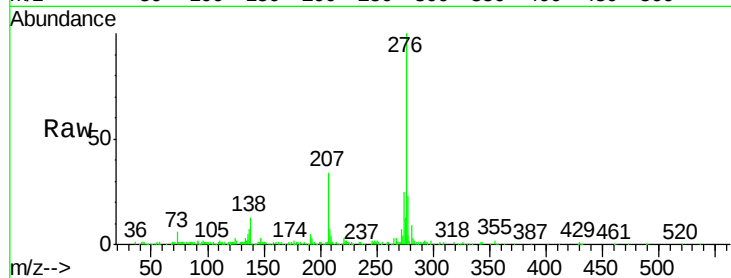
Tgt Ion:276 Resp: 215556

Ion Ratio Lower Upper

276 100

138 13.1 22.1 33.1#

277 23.4 17.0 25.4



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

