

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029230.D
 Acq On : 14 Oct 2017 19:33
 Operator : SJ/JU
 Sample : I5548-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AC8

Quant Time: Oct 15 01:49:36 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	1790	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	6649	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	2824	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	6371	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	5802	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	5768	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	76	1.73	ng/uL	0.00
5) Phenol-d5	7.32	99	2784	16.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	1698	15.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	1922	15.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	1468	10.58	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	943	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	862	17.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	1502	13.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	1282	9.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	4907	20.32	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	5999	20.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	171	3.84	ng/ul	0.00
57) Fluorene-d10	15.77	176	3610	18.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	148	4.76	ng/ul	0.00
70) Anthracene-d10	17.53	188	6371	21.14	ng/ul	-0.10
76) Pyrene-d10	19.89	212	5477	18.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	5768	21.11	ng/ul	0.22

Target Compounds

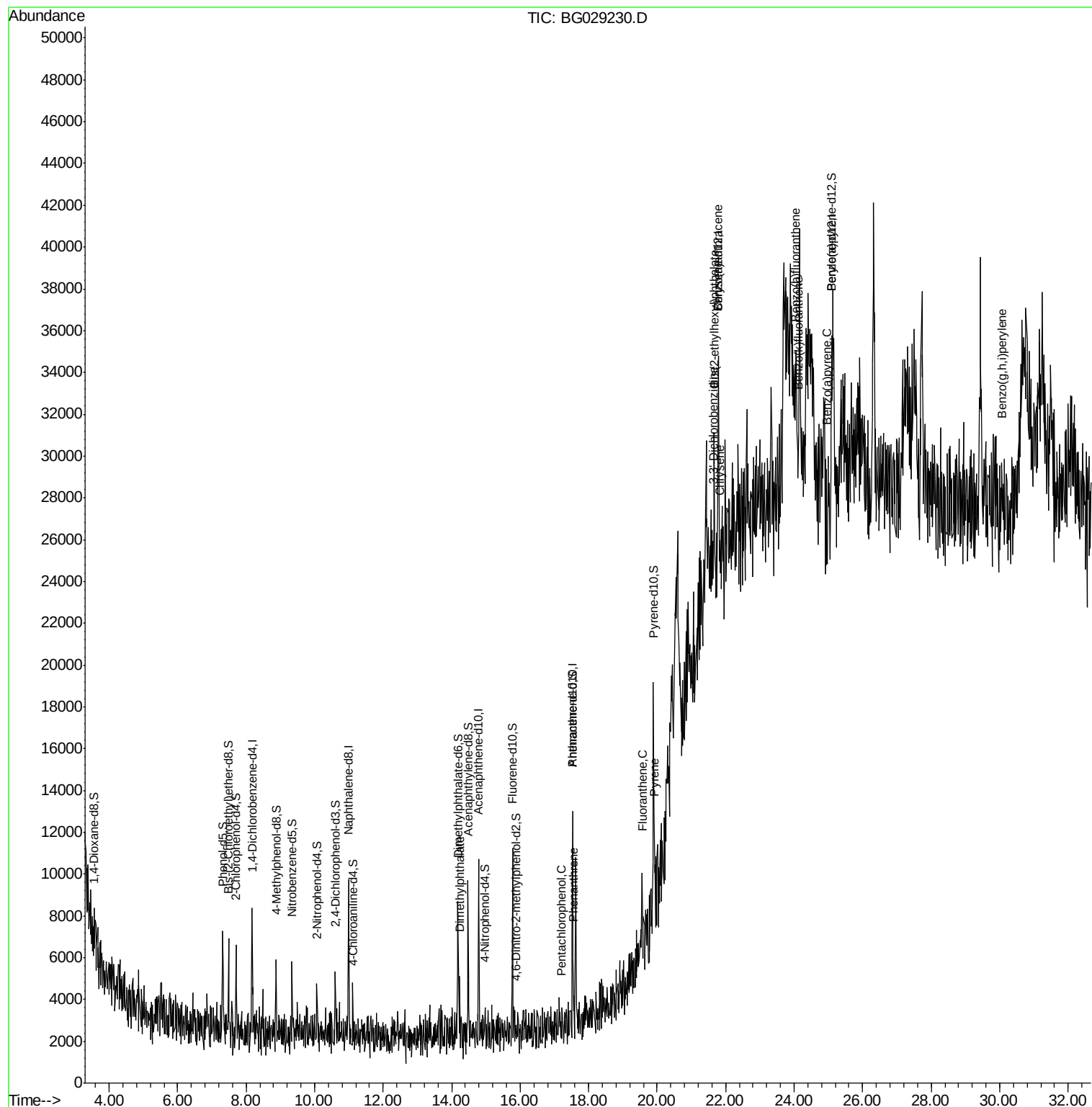
					Ovalue	
44) Dimethylphthalate	14.23	163	1947	8.268	ng/ul#	78
68) Pentachlorophenol	17.19	266	63	1.608	ng/ul#	16
69) Phenanthrene	17.57	178	1248	3.624	ng/ul#	94
74) Fluoranthene	19.57	202	2445	6.352	ng/ul#	80
77) Pyrene	19.92	202	1648	4.238	ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.65	252	146	1.375	ng/ul#	26
80) Benzo(a)anthracene	21.78	228	855	2.351	ng/ul#	46
81) Bis(2-ethylhexyl)phthalate	21.67	149	2012	8.806	ng/ul#	85
82) Chrysene	21.83	228	1037	3.139	ng/ul#	82
85) Benzo(b)fluoranthene	24.05	252	524	1.513	ng/ul#	58
86) Benzo(k)fluoranthene	24.12	252	496	1.482	ng/ul#	60
88) Benzo(a)pyrene	24.95	252	820	2.433	ng/ul#	26
91) Benzo(g,h,i)perylene	30.06	276	433	1.370	ng/ul#	27

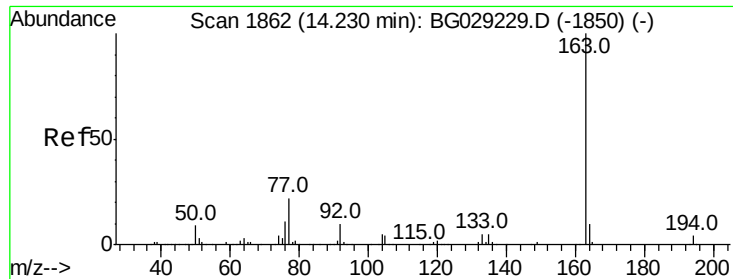
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029230.D
Acq On : 14 Oct 2017 19:33
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AC8

Quant Time: Oct 15 01:49:36 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





#44

Dimethylphthalate

Concen: 8.268 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

Instrument :

BNA_G

ClientSampleId :

C0AC8

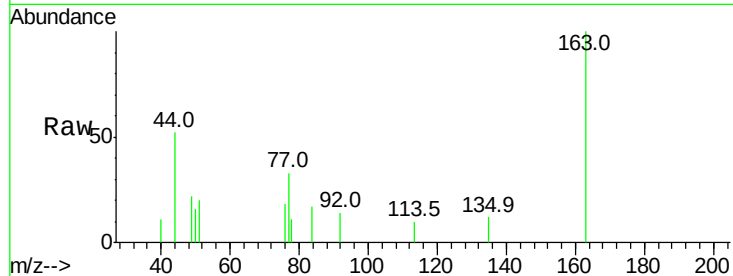
Tot Ion:163 Resp: 1947

Ion Ratio Lower Upper

163 100

194 0.0 3.5 5.3#

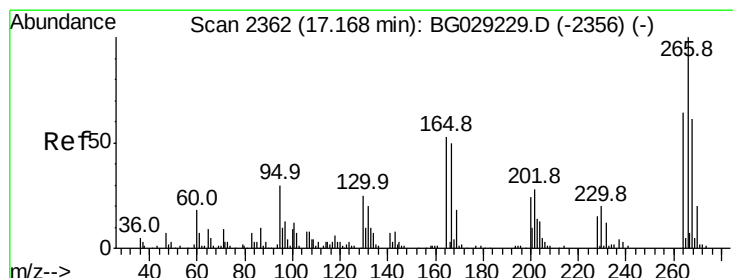
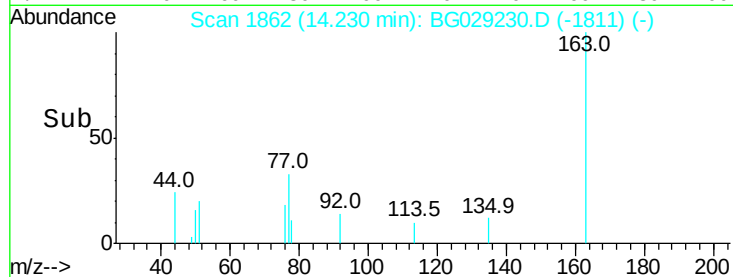
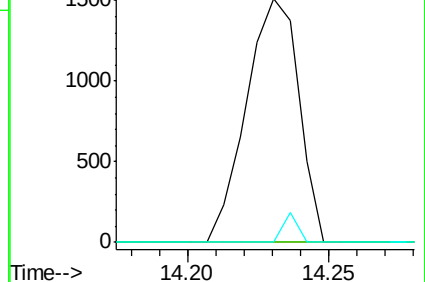
164 0.0 7.6 11.4#



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



#68

Pentachlorophenol

Concen: 1.608 ng/ul

RT: 17.19 min Scan# 2366

Delta R.T. 0.02 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

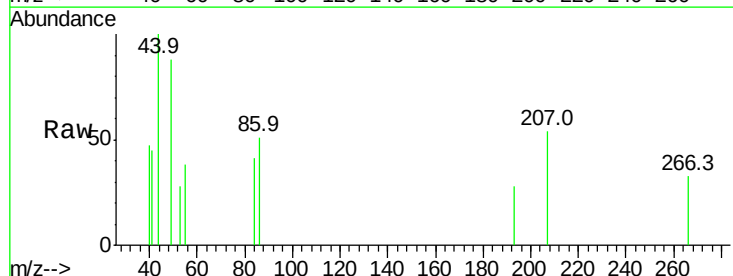
Tgt Ion:266 Resp: 63

Ion Ratio Lower Upper

266 100

264 0.0 54.4 81.6#

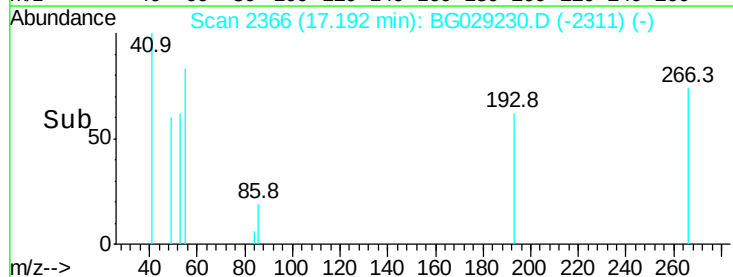
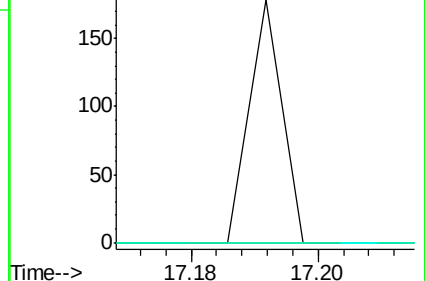
268 0.0 53.4 80.2#

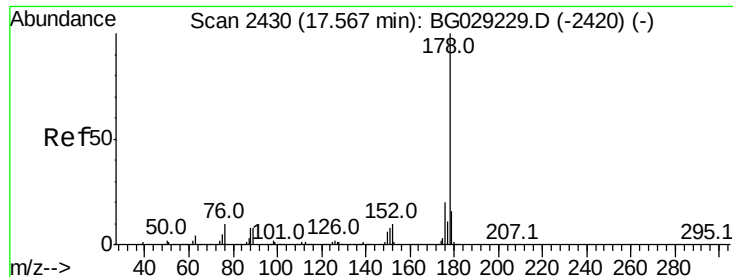


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 3.624 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

Instrument :

BNA_G

ClientSampleId :

C0AC8

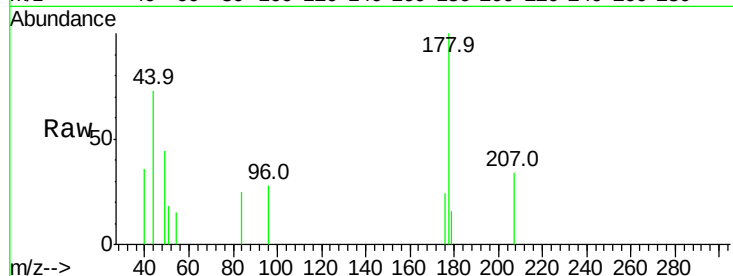
Tot Ion:178 Resp: 1248

Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.6

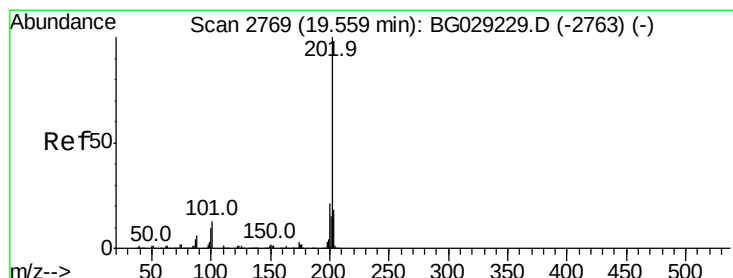
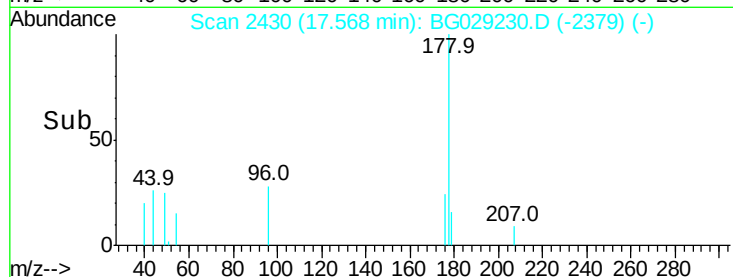
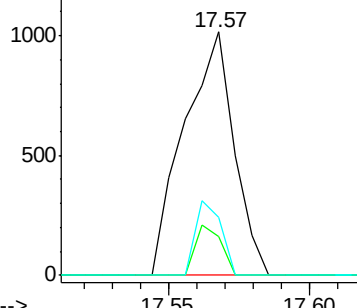
176 24.0 15.3 22.9#



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



#74

Fluoranthene

Concen: 6.352 ng/ul

RT: 19.57 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

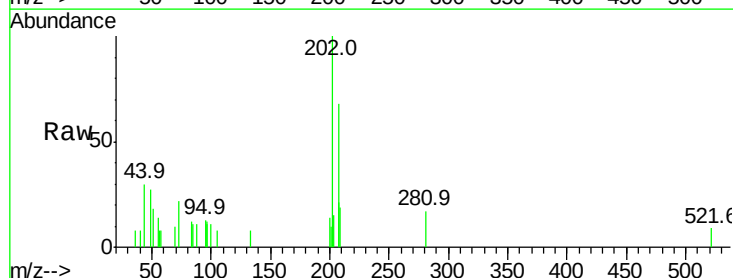
Tgt Ion:202 Resp: 2445

Ion Ratio Lower Upper

202 100

101 0.0 7.4 11.2#

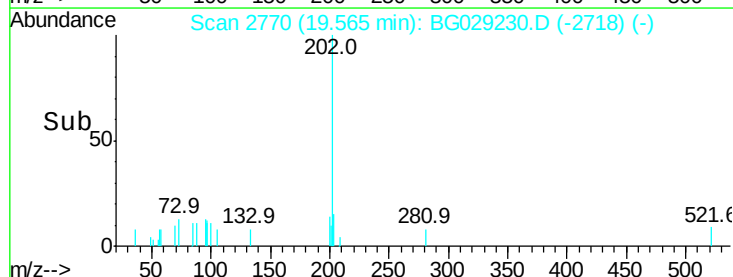
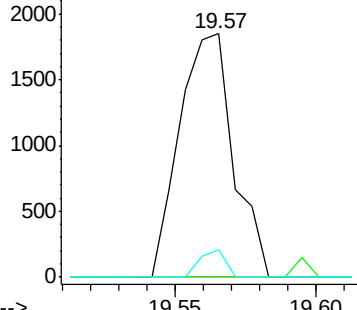
100 11.1 5.6 8.4#

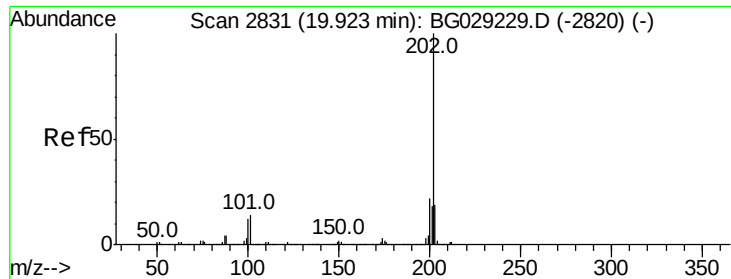


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

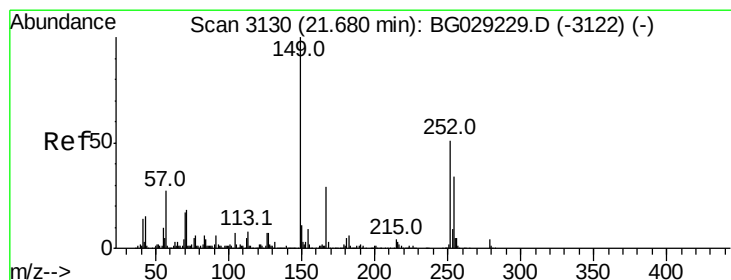
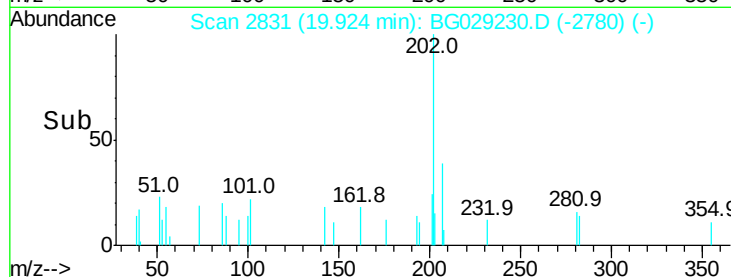
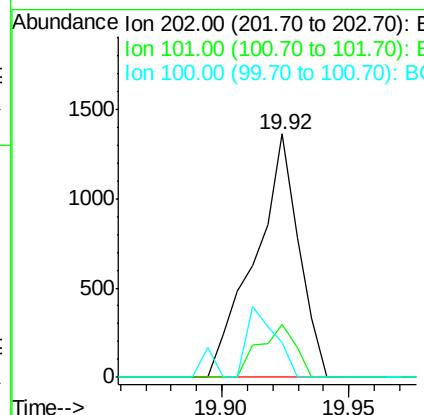
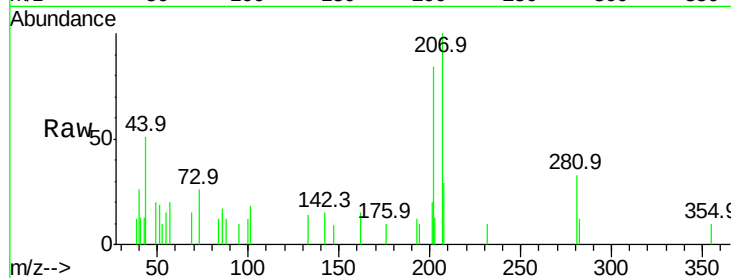




#77
 Pvrene
 Concen: 4.238 ng/ul
 RT: 19.92 min Scan# 2831
 Delta R.T. 0.00 min
 Lab File: BG029230.D
 Acq: 14 Oct 2017 19:33

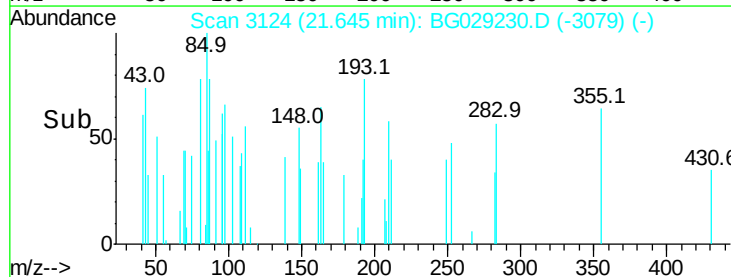
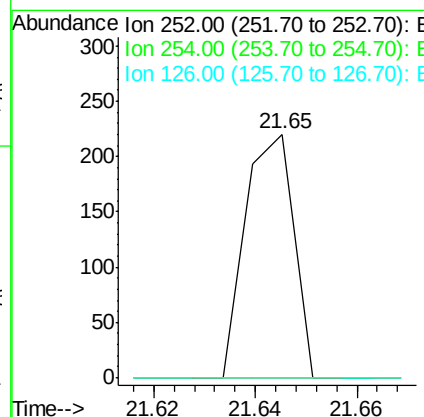
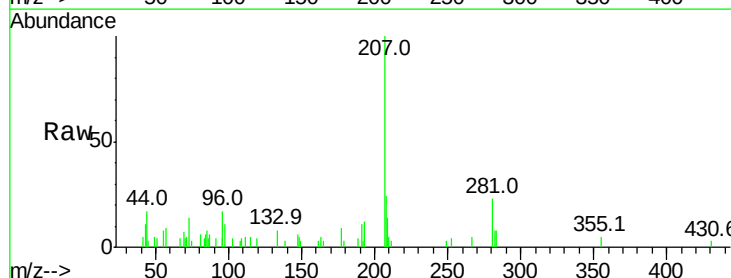
Instrument :
 BNA_G
 ClientSampleId :
 C0AC8

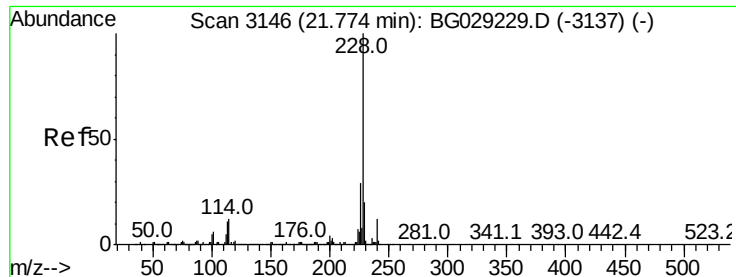
Tot Ion	Ratio	Lower	Upper
202	100		
101	21.6	8.4	12.6#
100	14.2	7.0	10.6#



#79
 3,3'-Dichlorobenzidine
 Concen: 1.375 ng/ul
 RT: 21.65 min Scan# 3124
 Delta R.T. -0.03 min
 Lab File: BG029230.D
 Acq: 14 Oct 2017 19:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.4	77.2#
126	0.0	9.3	13.9#





#80

Benzo(a)anthracene

Concen: 2.351 ng/ul

RT: 21.78 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

Instrument :

BNA_G

ClientSampleId :

C0AC8

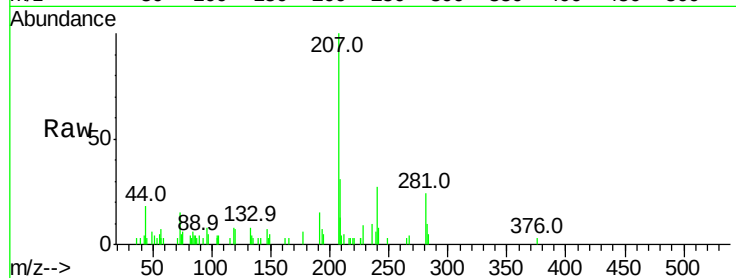
Tot Ion:228 Resp: 855

Ion Ratio Lower Upper

228 100

229 0.0 16.2 24.4#

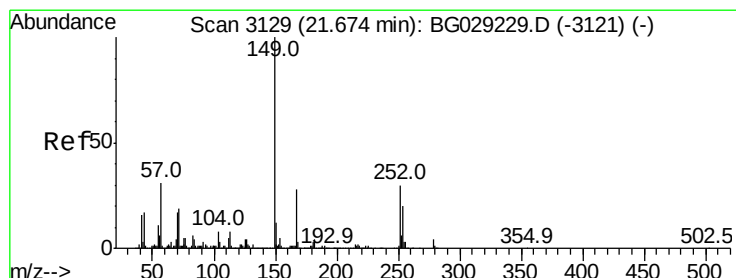
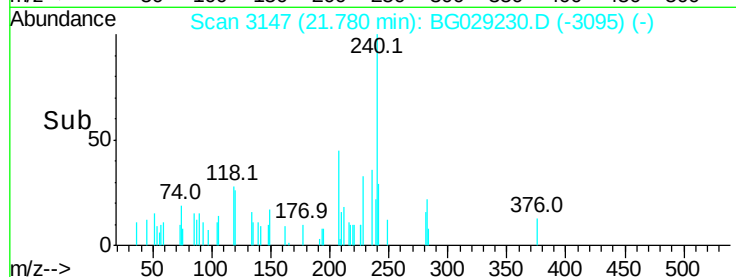
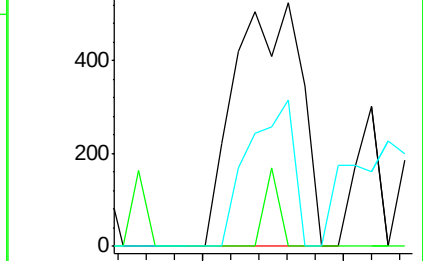
226 59.9 22.2 33.2#



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: 8.806 ng/ul

RT: 21.67 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

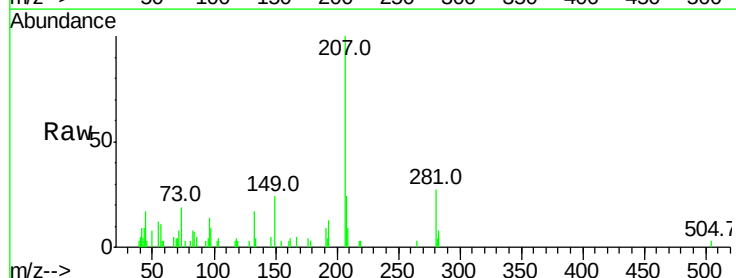
Tgt Ion:149 Resp: 2012

Ion Ratio Lower Upper

149 100

167 20.5 23.2 34.8#

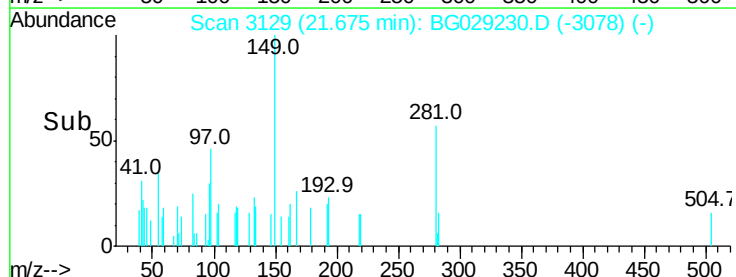
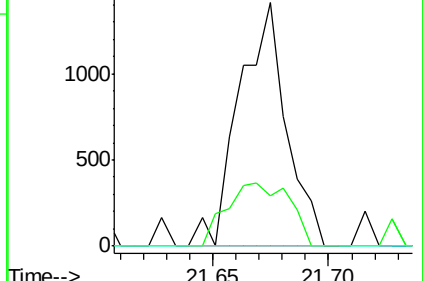
279 0.0 3.1 4.7#

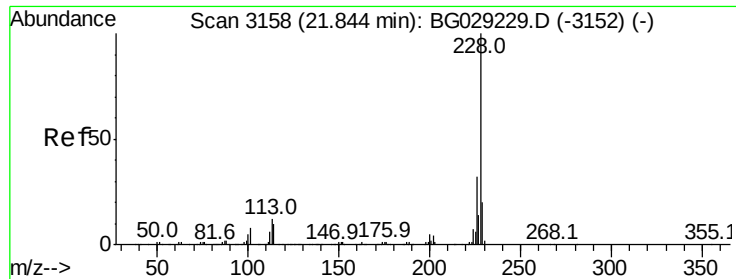


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 3.139 ng/ul

RT: 21.83 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

Instrument :

BNA_G

ClientSampleId :

C0AC8

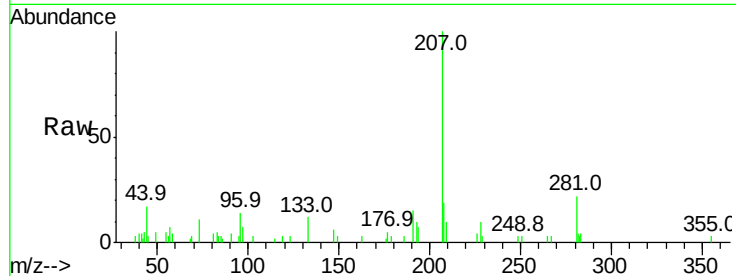
Tot Ion:228 Resp: 1037

Ion Ratio Lower Upper

228 100

226 39.4 24.2 36.2#

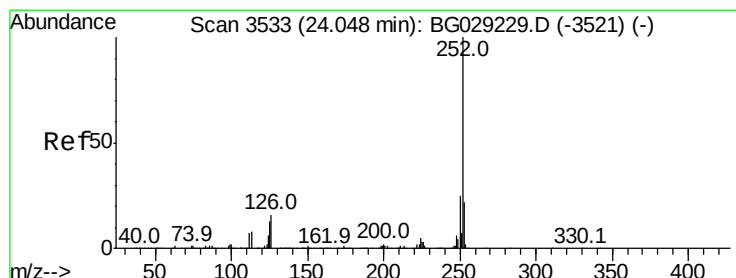
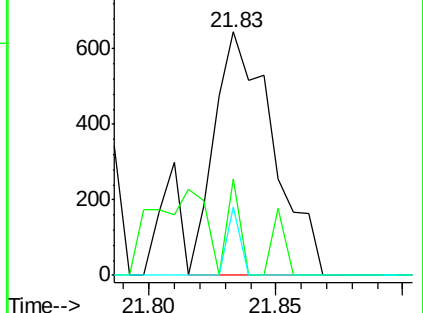
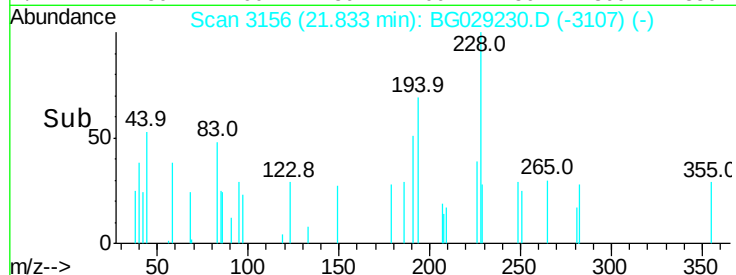
229 28.2 15.2 22.8#



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: 1.513 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

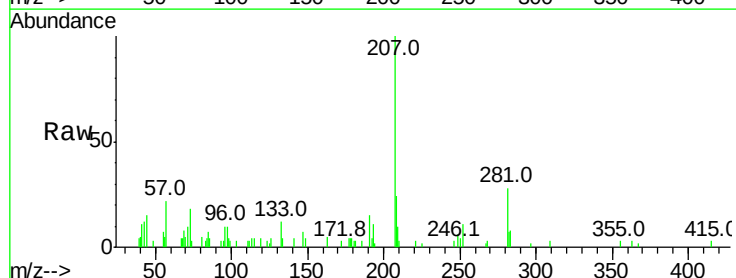
Tgt Ion:252 Resp: 524

Ion Ratio Lower Upper

252 100

253 0.0 17.0 25.4#

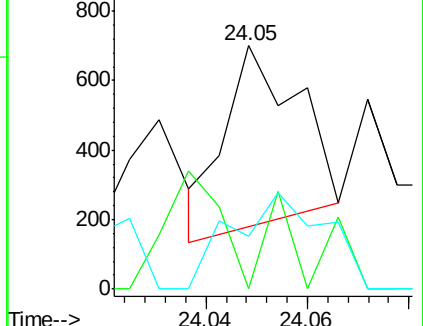
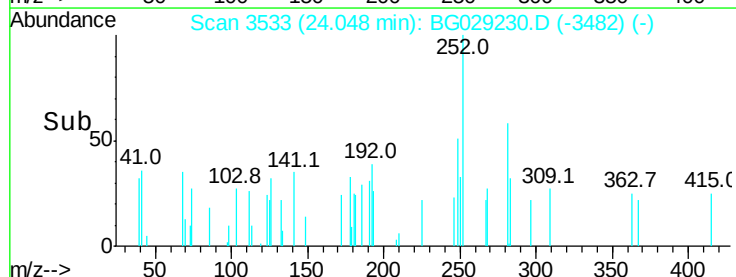
125 22.0 7.5 11.3#

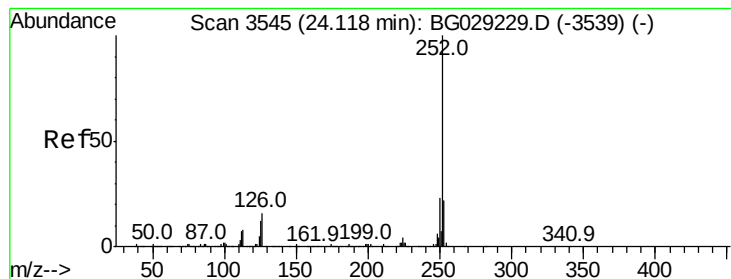


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.482 ng/ul

RT: 24.12 min Scan# 3545

Delta R.T. 0.00 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

Instrument :

BNA_G

ClientSampleId :

C0AC8

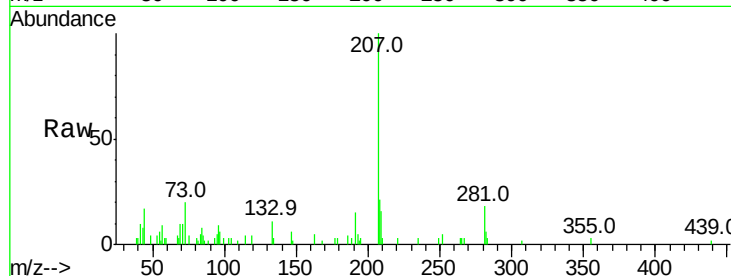
Tot Ion:252 Resp: 496

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

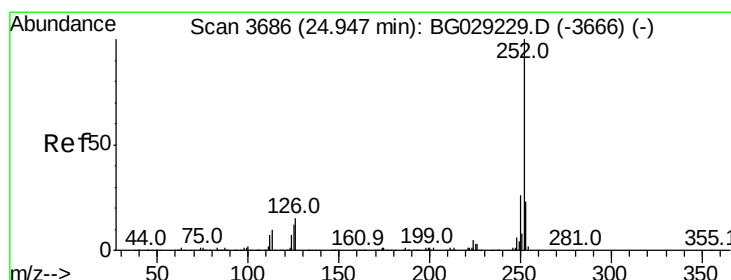
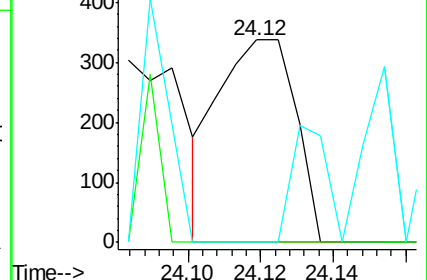
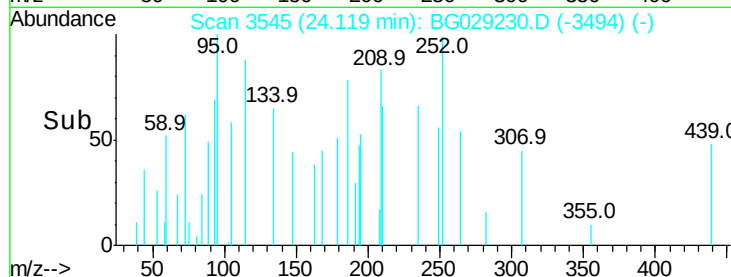
125 0.0 7.8 11.8#



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



#88

Benzo(a)pyrene

Concen: 2.433 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. 0.00 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

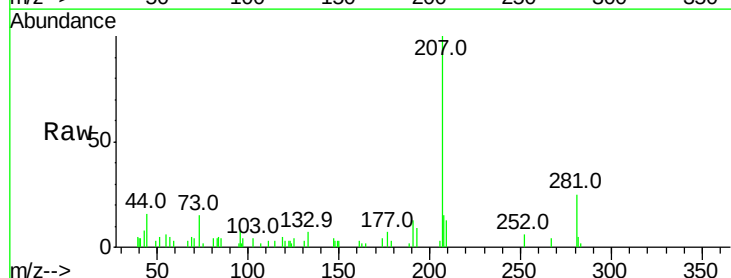
Tgt Ion:252 Resp: 820

Ion Ratio Lower Upper

252 100

253 0.0 17.1 25.7#

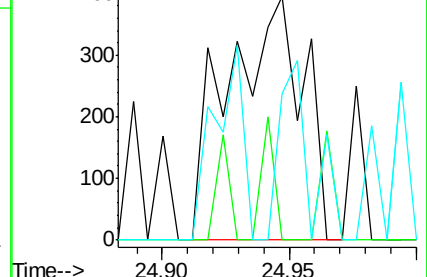
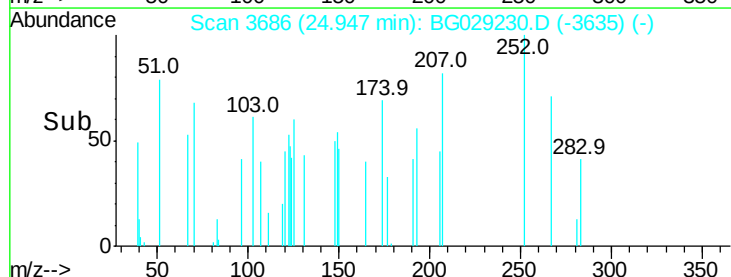
125 60.3 7.8 11.8#

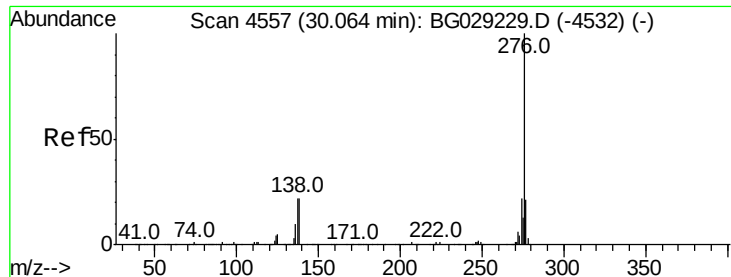


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.370 ng/ul

RT: 30.06 min Scan# 4556

Delta R.T. -0.01 min

Lab File: BG029230.D

Acq: 14 Oct 2017 19:33

Instrument :

BNA_G

ClientSampleId :

C0AC8

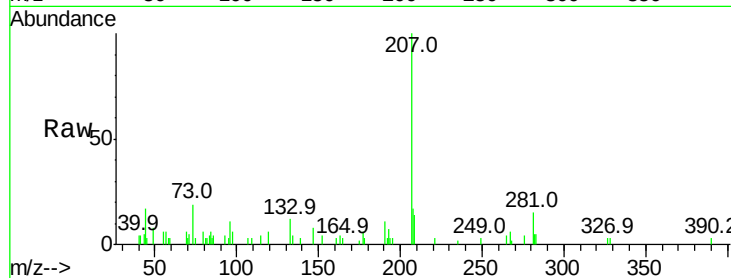
Tot Ion:276 Resp: 433

Ion Ratio Lower Upper

276 100

138 61.8 12.1 18.1#

277 0.0 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

