

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
 Data File : BG046767.D
 Acq On : 3 Oct 2020 11:49
 Operator : CG/JU
 Sample : L4150-15
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7K1

Quant Time: Oct 05 00:59:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 00:58:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	74307	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	304466	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	216632	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	492998	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	487044	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	487901	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	7128	4.71	ng/uL	0.00
5) Phenol-d5	7.26	99	137066	21.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	83058	21.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	102374	22.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	111244	22.37	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	52555	23.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	62248	26.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	120040	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	80488	12.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	383619	23.18	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	447038	22.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	67596	23.95	ng/ul	0.00
58) Fluorene-d10	15.72	176	346793	22.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	54124	21.97	ng/ul	0.00
71) Anthracene-d10	17.57	188	471415	20.84	ng/ul	0.00
79) Pyrene-d10	19.85	212	595654	23.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	599070	22.78	ng/ul	0.00

Target Compounds

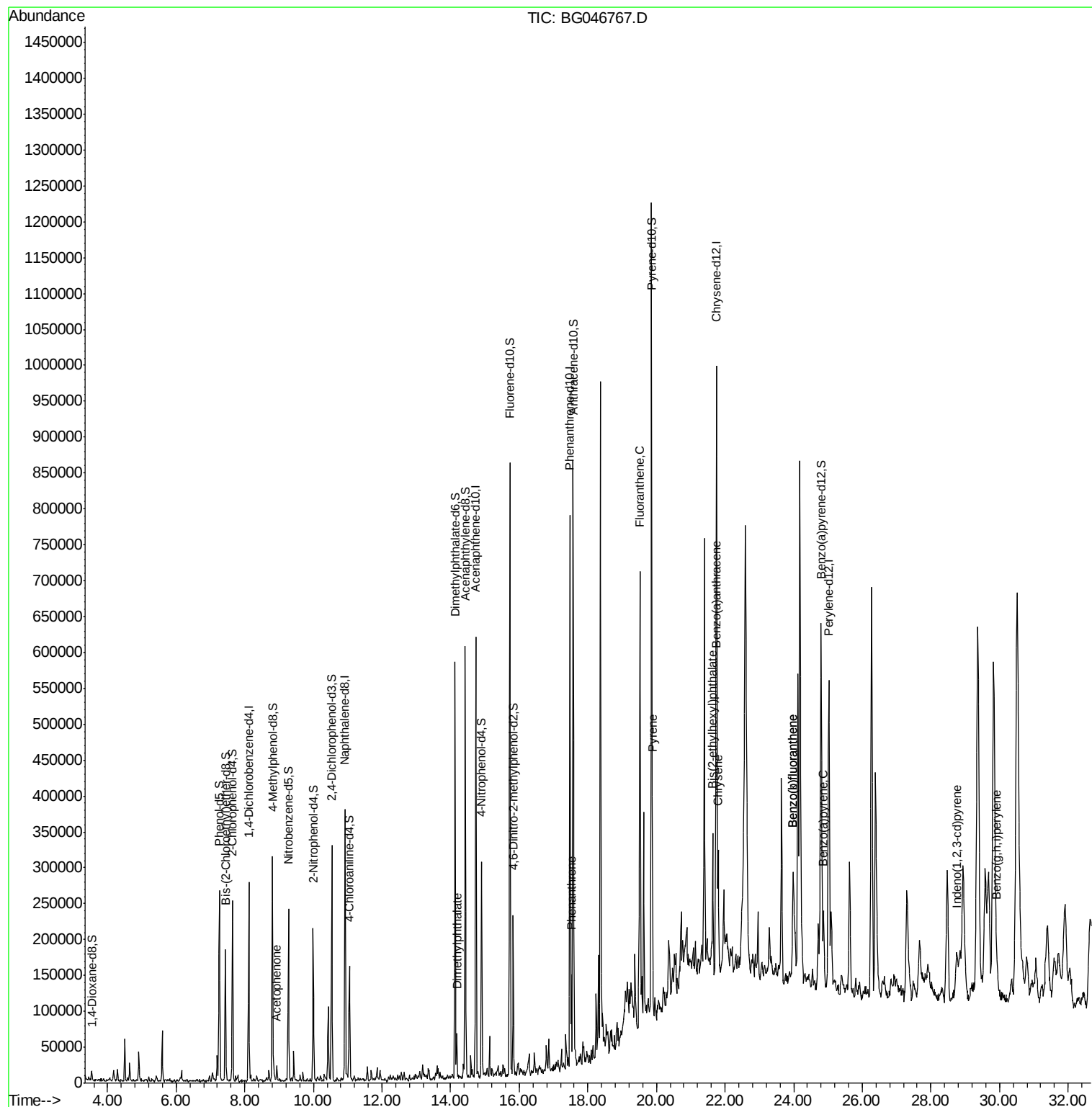
					Ovalue	
14) Acetophenone	8.93	105	10237	1.270	ng/ul#	81
45) Dimethylphthalate	14.18	163	35472	2.117	ng/ul	97
70) Phenanthrene	17.51	178	80426	2.984	ng/ul	97
77) Fluoranthene	19.52	202	194783	6.086	ng/ul#	95
80) Pyrene	19.88	202	184716	5.901	ng/ul	96
83) Benzo(a)anthracene	21.73	228	120259	3.774	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	73291	4.517	ng/ul	92
85) Chrysene	21.80	228	127388	4.121	ng/ul	97
88) Benzo(b)fluoranthene	23.98	252	196932	6.118	ng/ul	97
89) Benzo(k)fluoranthene	23.98	252	196932	6.277	ng/ul	98
91) Benzo(a)pyrene	24.87	252	122452	4.165	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.75	276	100612	2.789	ng/ul#	93
94) Benzo(g,h,i)perylene	29.91	276	47215	1.562	ng/ul#	95

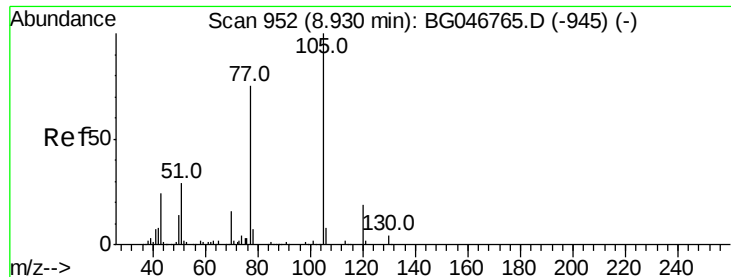
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Acetophenone

Concen: 1.270 ng/ul

RT: 8.93 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG046767.D

Acq: 3 Oct 2020 11:49

Instrument :

BNA_G

ClientSampleId :

CB7K1

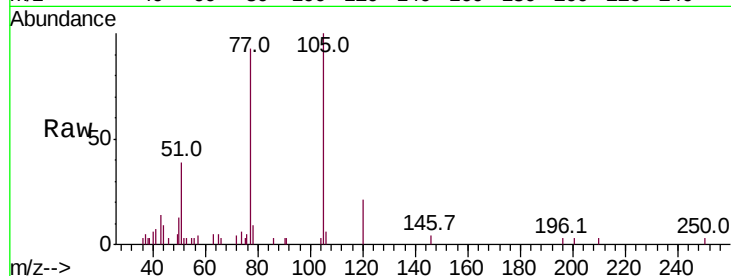
Tot Ion:105 Resp: 10237

Ion Ratio Lower Upper

105 100

77 93.3 60.4 90.6#

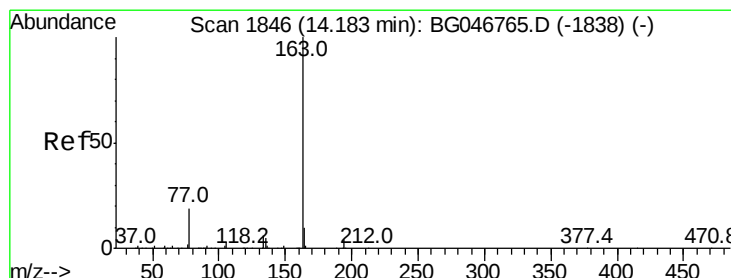
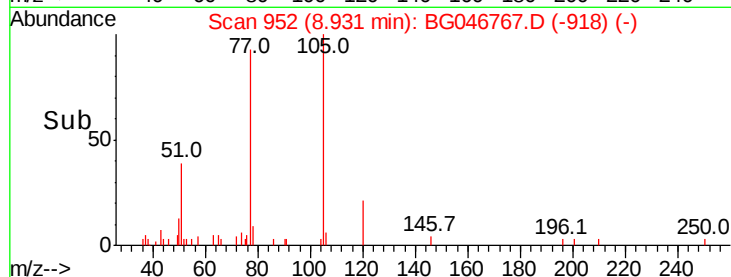
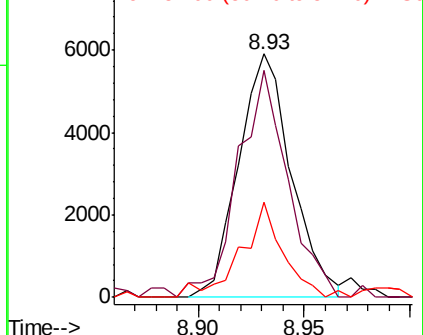
51 38.9 24.1 36.1#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#45

Dimethylphthalate

Concen: 2.117 ng/ul

RT: 14.18 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG046767.D

Acq: 3 Oct 2020 11:49

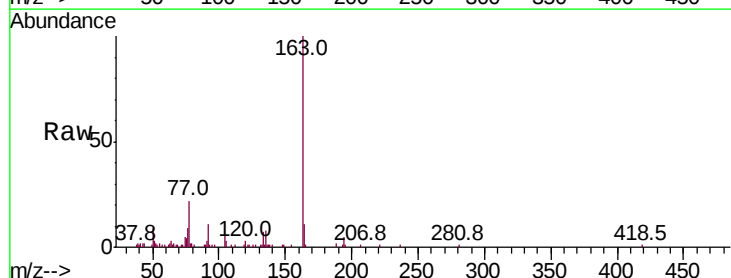
Tgt Ion:163 Resp: 35472

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

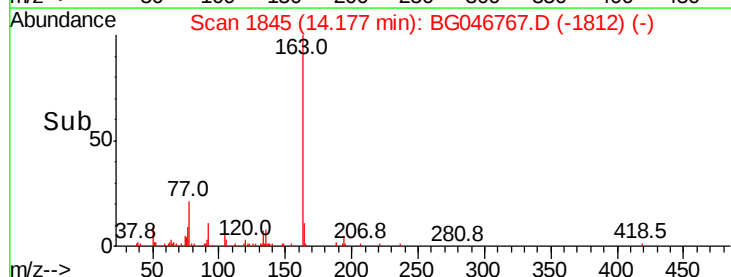
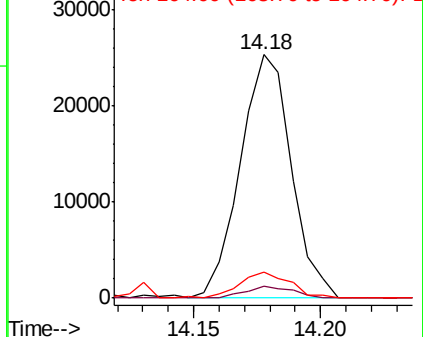
164 10.6 7.4 11.0

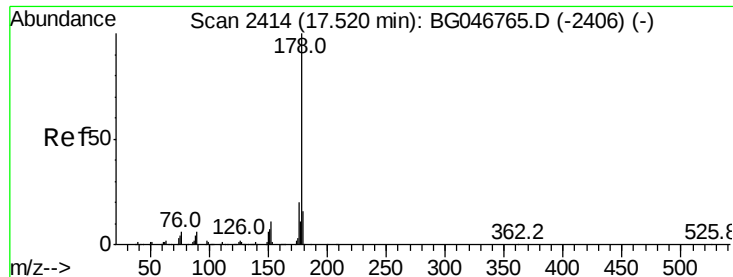


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 2.984 ng/ul

RT: 17.51 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG046767.D

Acq: 3 Oct 2020 11:49

Instrument :

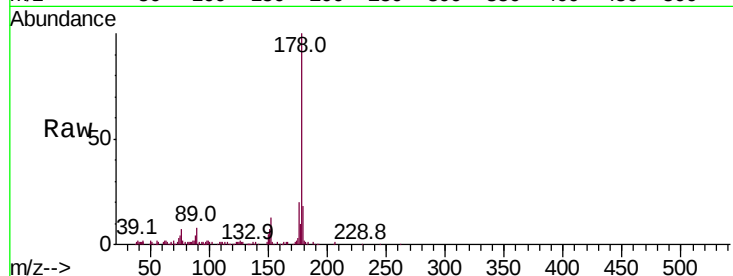
BNA_G

ClientSampleId :

CB7K1

Tot Ion:178 Resp: 80426

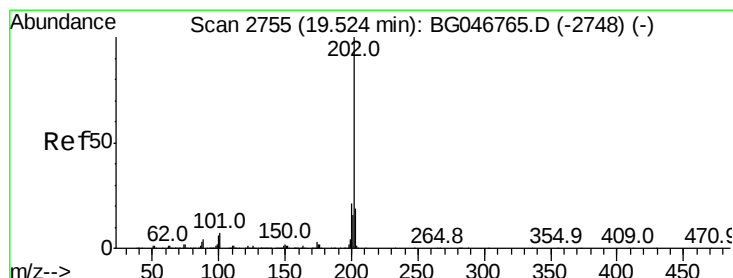
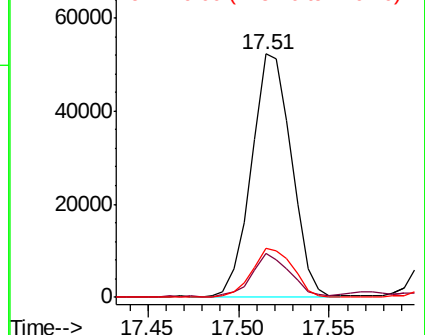
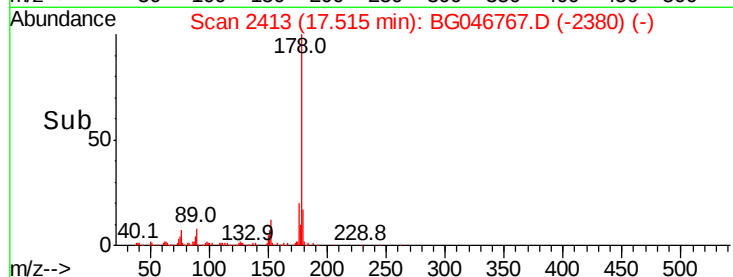
Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.6	18.8
176	20.3	15.4	23.2



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



#77

Fluoranthene

Concen: 6.086 ng/ul

RT: 19.52 min Scan# 2754

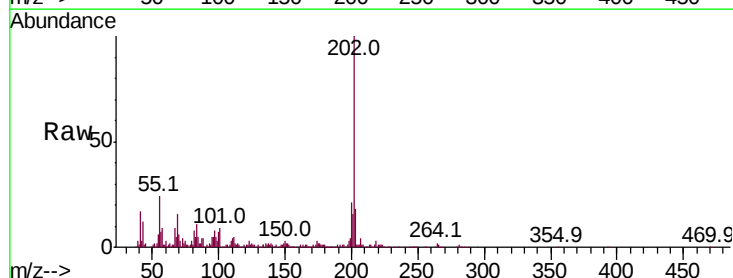
Delta R.T. -0.01 min

Lab File: BG046767.D

Acq: 3 Oct 2020 11:49

Tgt Ion:202 Resp: 194783

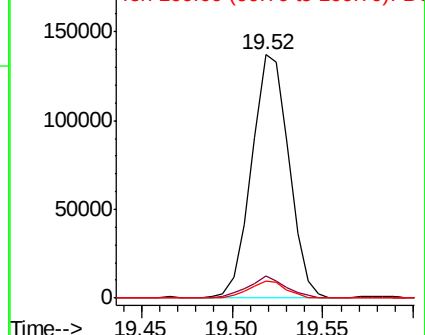
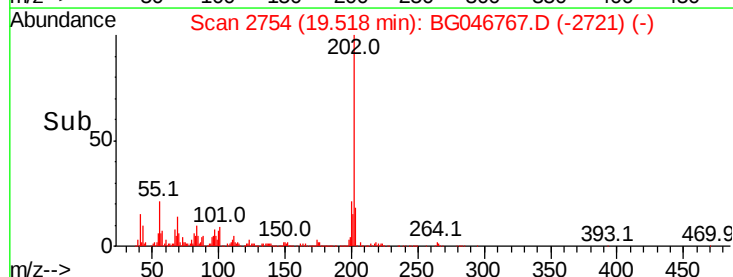
Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.8	8.6#
100	6.9	4.5	6.7#

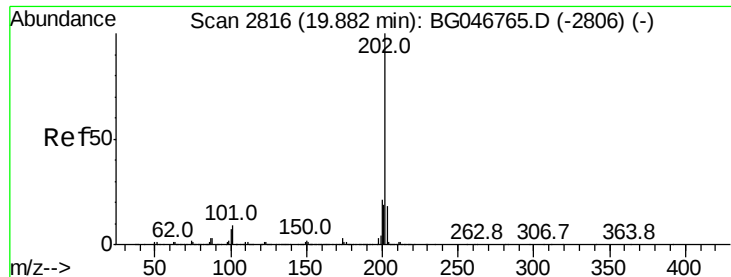


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

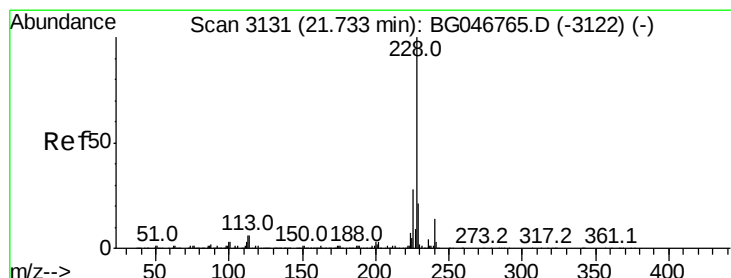
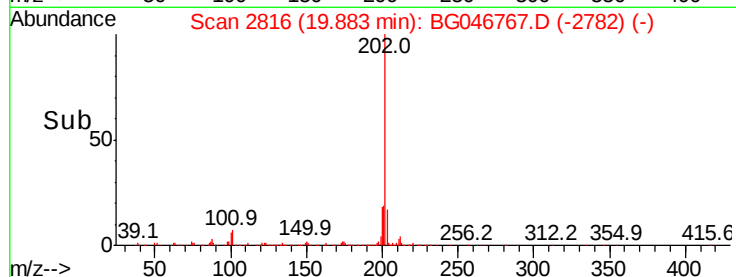
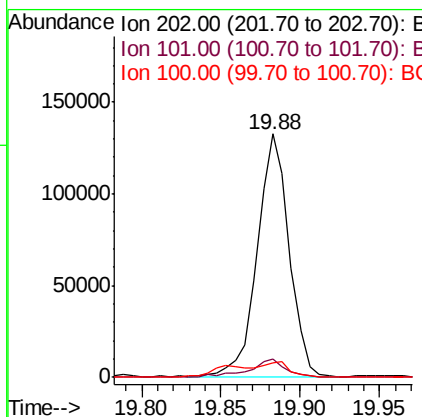
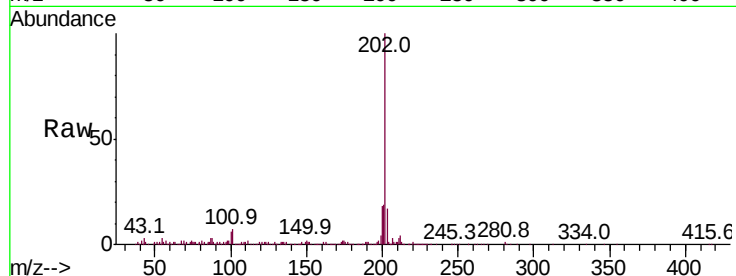




#80
Pvrene
Concen: 5.901 ng/ul
RT: 19.88 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG046767.D
Acq: 3 Oct 2020 11:49

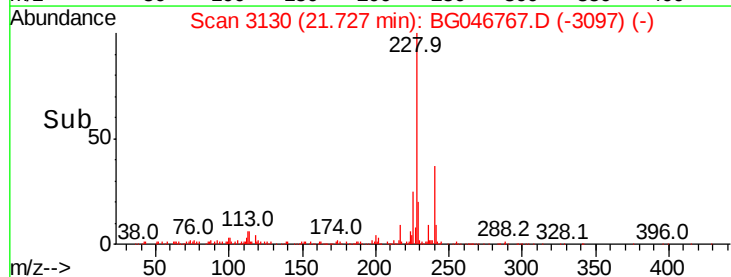
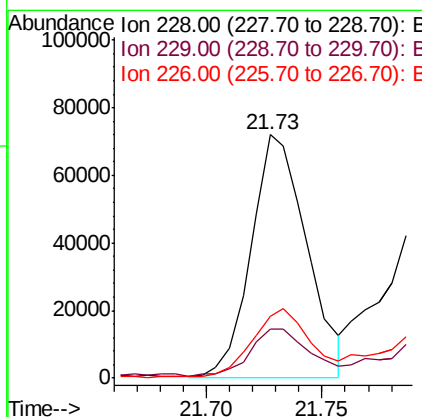
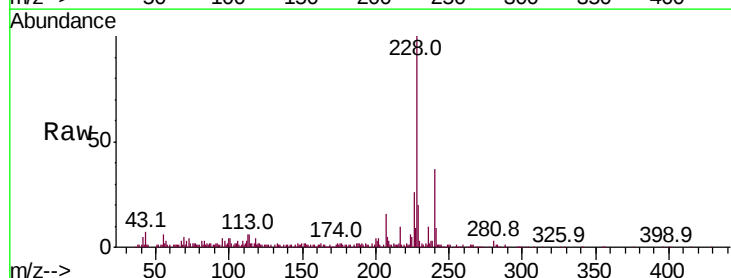
Instrument :
BNA_G
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CB7K1

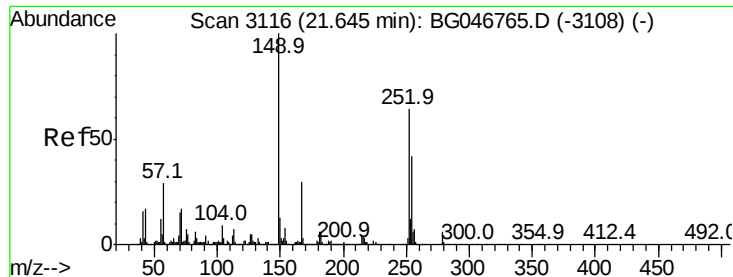
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	7.0	10.4
100	6.2	6.0	9.0



#83
Benzo(a)anthracene
Concen: 3.774 ng/ul
RT: 21.73 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG046767.D
Acq: 3 Oct 2020 11:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.5	24.7
226	25.6	21.6	32.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.517 ng/ul

RT: 21.64 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BG046767.D

Acq: 3 Oct 2020 11:49

Instrument :

BNA_G

ClientSampleId :

CB7K1

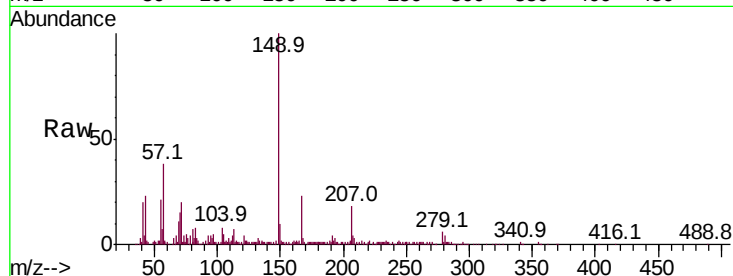
Tot Ion:149 Resp: 73291

Ion Ratio Lower Upper

149 100

167 23.4 22.7 34.1

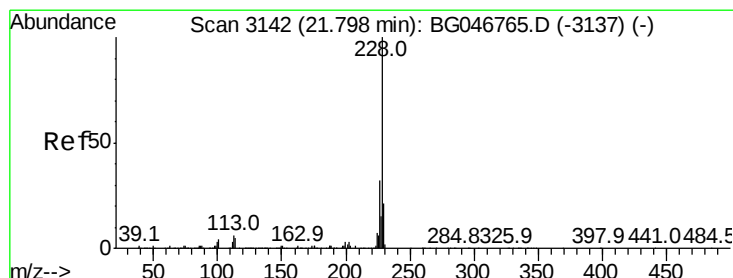
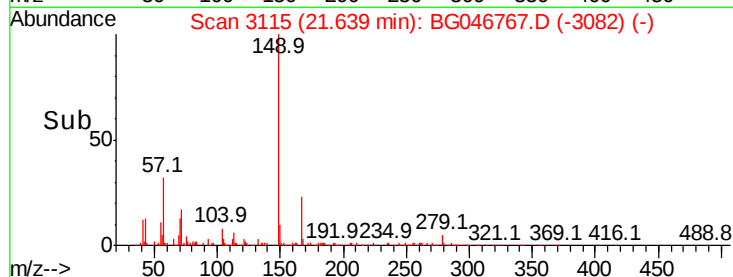
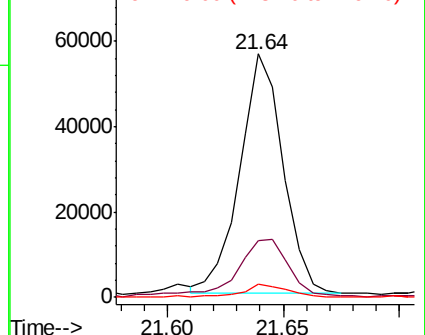
279 5.6 4.2 6.2



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



#85

Chrysene

Concen: 4.121 ng/ul

RT: 21.80 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG046767.D

Acq: 3 Oct 2020 11:49

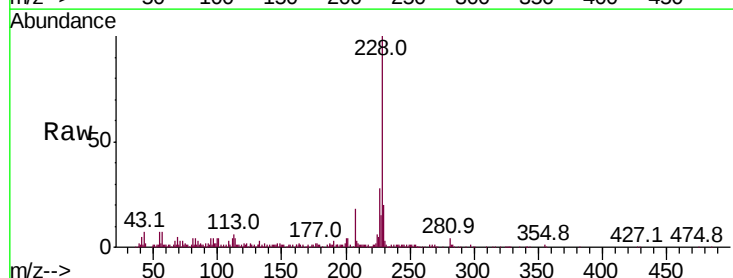
Tgt Ion:228 Resp: 127388

Ion Ratio Lower Upper

228 100

226 28.0 24.3 36.5

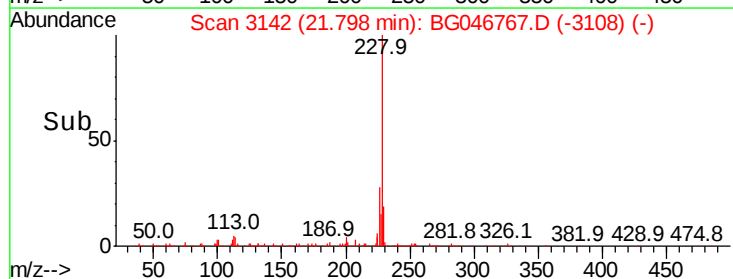
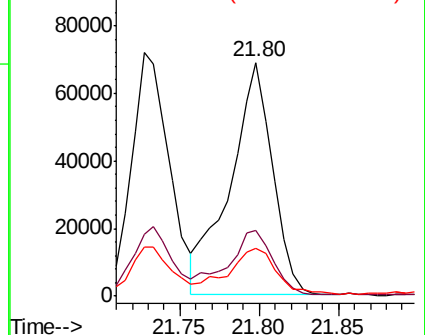
229 20.2 15.8 23.8

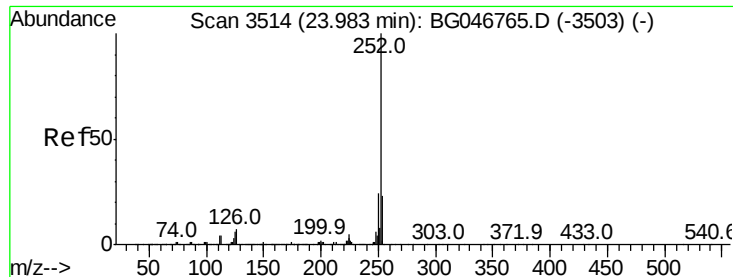


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 6.118 ng/ul

RT: 23.98 min Scan# 3514

Delta R.T. 0.00 min

Lab File: BG046767.D

Acq: 3 Oct 2020 11:49

Instrument :

BNA_G

ClientSampleId :

CB7K1

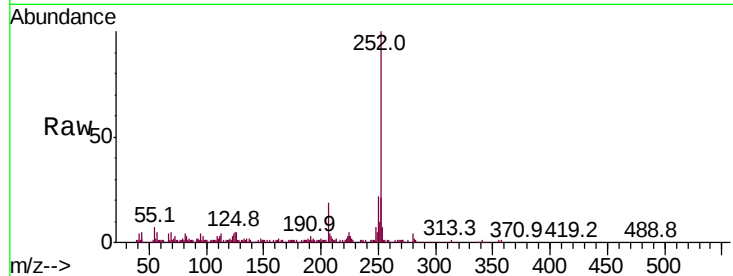
Tot Ion:252 Resp: 196932

Ion Ratio Lower Upper

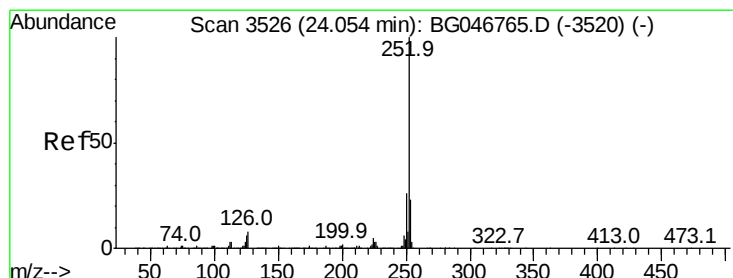
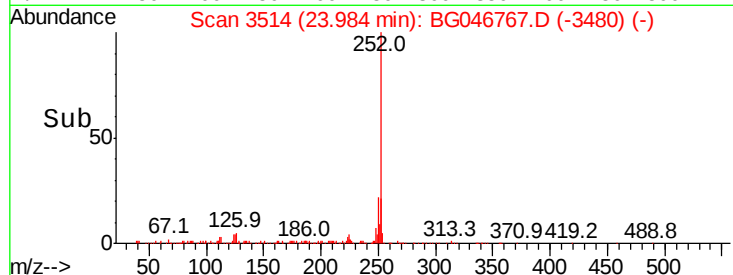
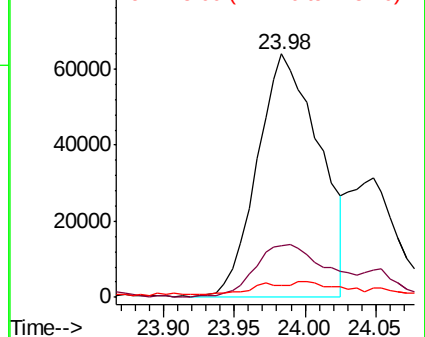
252 100

253 21.2 17.9 26.9

125 5.0 5.0 7.4



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

Benzo(k)fluoranthene

Concen: 6.277 ng/ul

RT: 23.98 min Scan# 3514

Delta R.T. -0.07 min

Lab File: BG046767.D

Acq: 3 Oct 2020 11:49

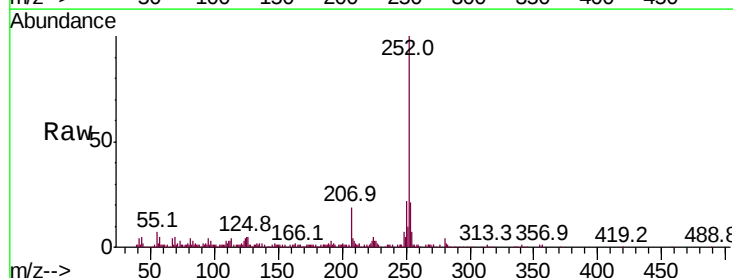
Tgt Ion:252 Resp: 196932

Ion Ratio Lower Upper

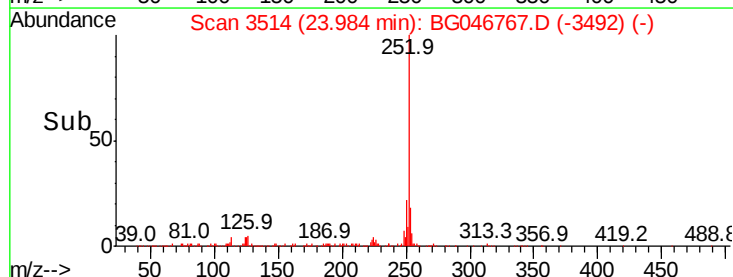
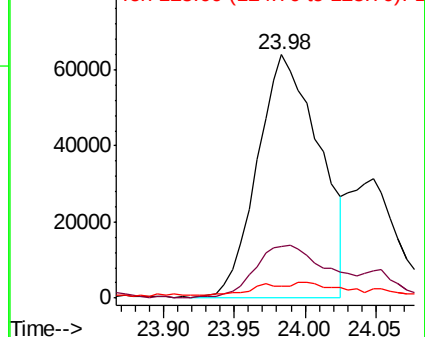
252 100

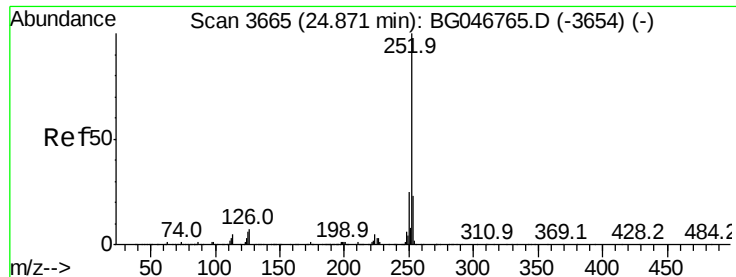
253 21.2 17.7 26.5

125 5.0 4.8 7.2



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





#91

Benzo(a)pyrene

Concen: 4.165 ng/ul

RT: 24.87 min Scan# 3665

Delta R.T. 0.00 min

Lab File: BG046767.D

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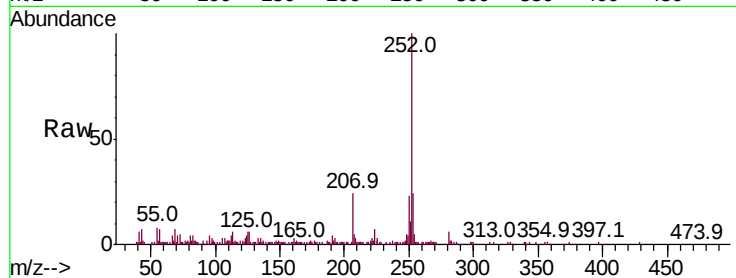
Tot Ion:252 Resp: 122452

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

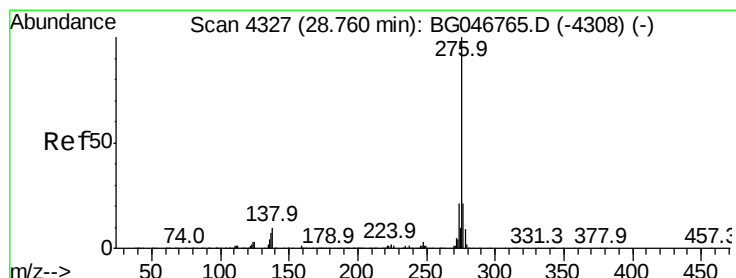
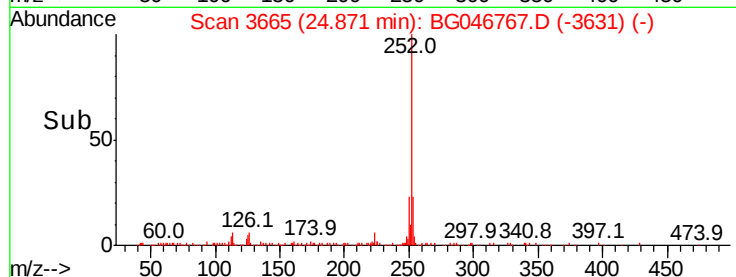
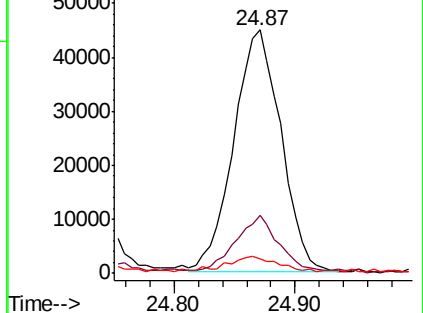
125 5.9 5.4 8.2



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.789 ng/ul

RT: 28.75 min Scan# 4326

Delta R.T. -0.01 min

Lab File: BG046767.D

Acq: 3 Oct 2020 11:49

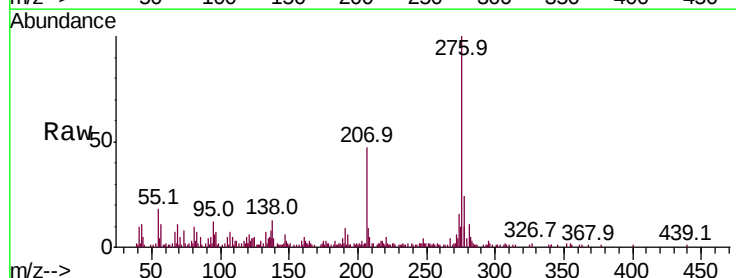
Tgt Ion:276 Resp: 100612

Ion Ratio Lower Upper

276 100

138 17.3 9.7 14.5#

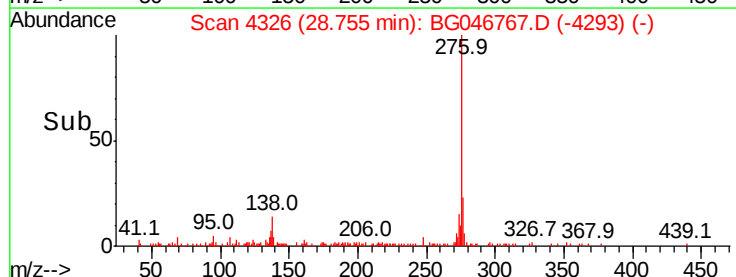
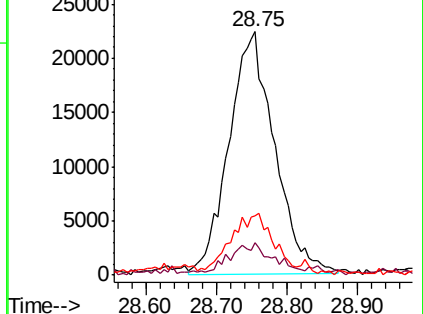
277 24.4 18.2 27.4

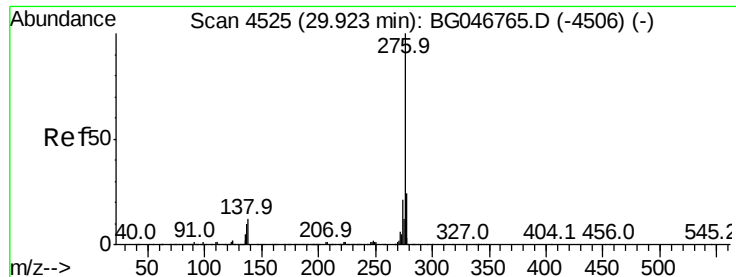


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.562 ng/ul

RT: 29.91 min Scan# 4523

Delta R.T. -0.01 min

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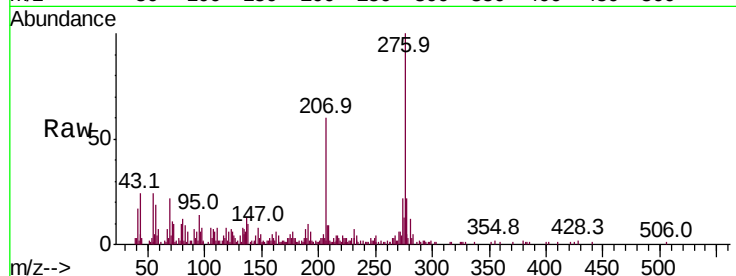
Tot Ion:276 Resp: 47215

Ion Ratio Lower Upper

276 100

138 10.1 10.2 15.4#

277 21.6 19.0 28.6



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

