

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
 Data File : BG047384.D
 Acq On : 20 Nov 2020 21:00
 Operator : CG/JU
 Sample : L4711-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B55

Quant Time: Nov 21 01:30:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 21 01:27:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	42214	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	170505	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	126118	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	302213	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	259448	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	275356	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	2526	2.18	ng/uL	0.00
5) Phenol-d5	7.40	99	68523	16.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	40719	16.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	47176	16.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	44933	13.81	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	24708	17.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	30202	19.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	60598	17.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	48756	13.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	187493	17.32	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	235423	18.82	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	22137	13.40	ng/ul	0.00
58) Fluorene-d10	15.87	176	176050	17.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	25736	14.96	ng/ul	0.00
71) Anthracene-d10	17.71	188	273458	18.24	ng/ul	0.00
79) Pyrene-d10	19.98	212	291242	19.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.06	264	280494	17.70	ng/ul	0.00

Target Compounds

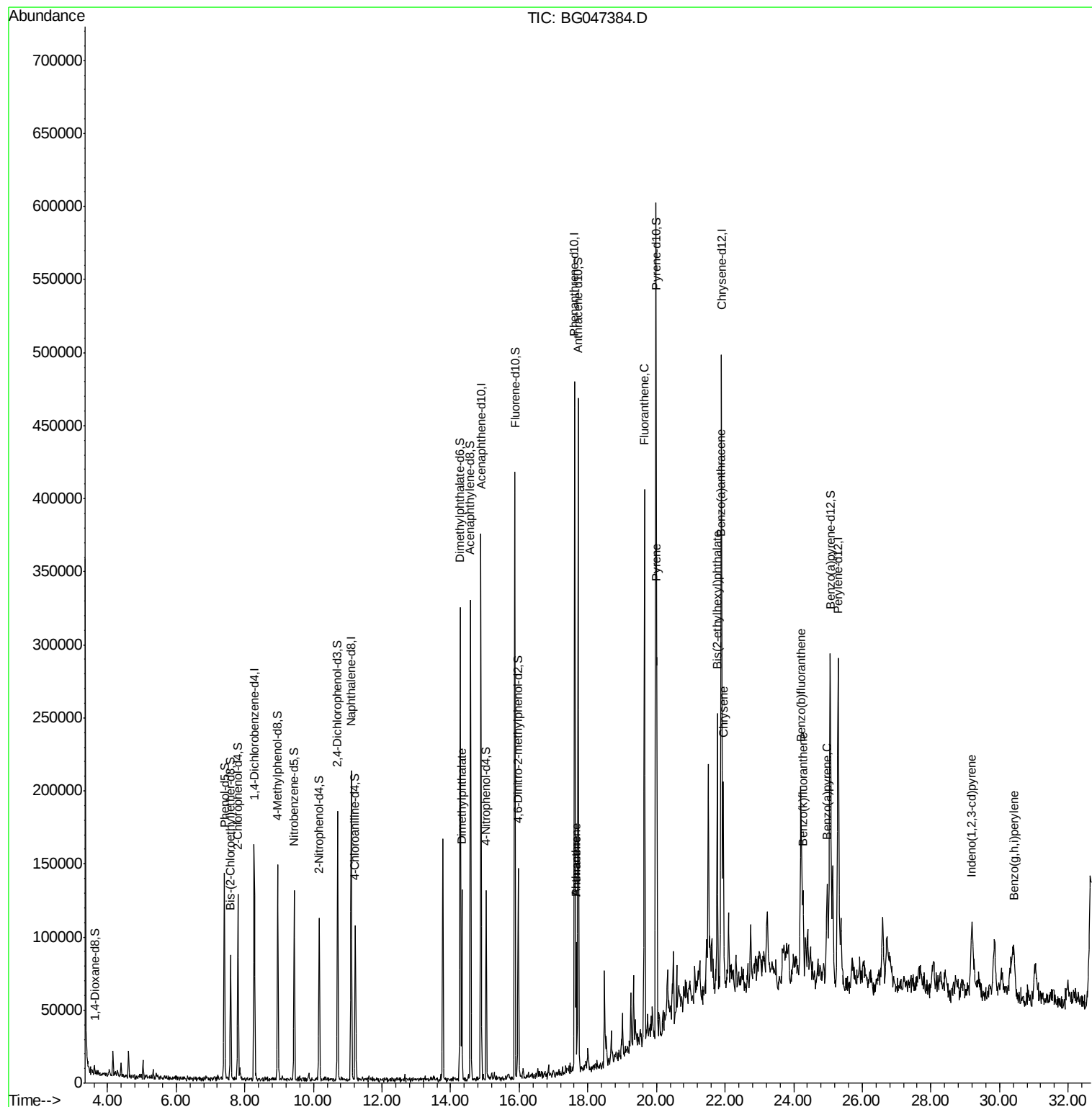
					Ovalue
45) Dimethylphthalate	14.32	163	75484	6.835	ng/ul 98
70) Phenanthrene	17.66	178	53304	3.266	ng/ul 97
72) Anthracene	17.66	178	53304	3.243	ng/ul 97
77) Fluoranthene	19.65	202	217787	10.567	ng/ul# 98
80) Pyrene	20.01	202	180772	9.836	ng/ul# 97
83) Benzo(a)anthracene	21.87	228	99429	5.386	ng/ul 96
84) Bis(2-ethylhexyl)phthalate	21.77	149	73513	8.171	ng/ul 99
85) Chrysene	21.95	228	116453	6.629	ng/ul 100
88) Benzo(b)fluoranthene	24.21	252	172796	8.888	ng/ul# 97
89) Benzo(k)fluoranthene	24.28	252	55365	2.890	ng/ul# 97
91) Benzo(a)pyrene	24.98	252	76443	4.411	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	29.20	276	88909	4.217	ng/ul 98
94) Benzo(g,h,i)perylene	30.42	276	47983	2.758	ng/ul# 91

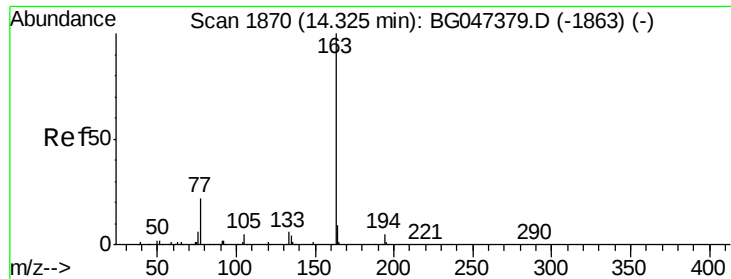
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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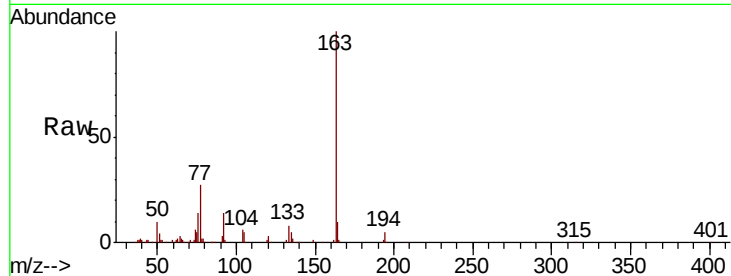




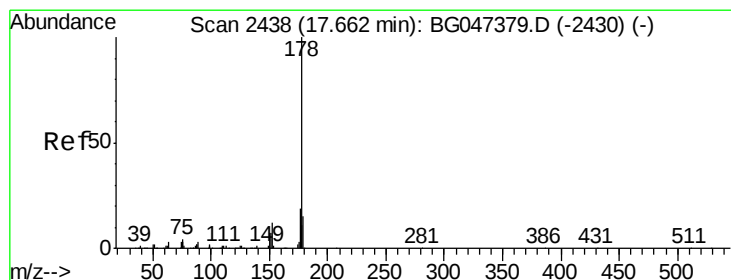
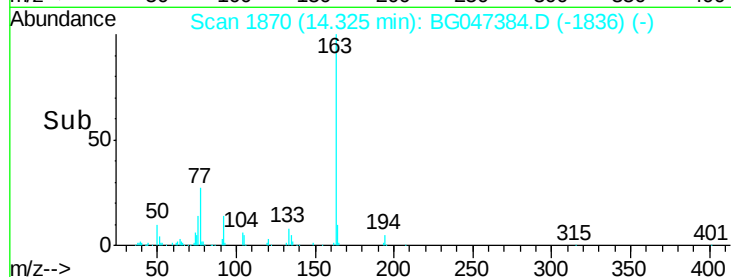
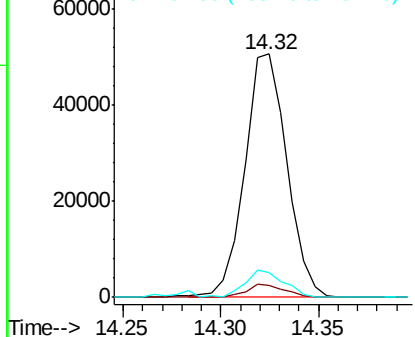
#45
Dimethylphthalate
Concen: 6.835 ng/ul
RT: 14.32 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG047384.D
Acq: 20 Nov 2020 21:00

Instrument :
BNA_G
ClientSampleId :
C0B55

Tot Ion:163 Resp: 75484
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.2
164 10.3 8.8 13.2

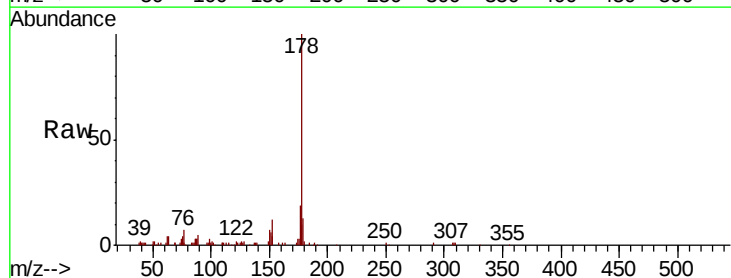


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

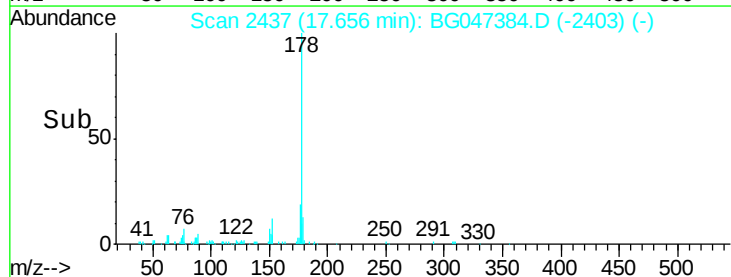
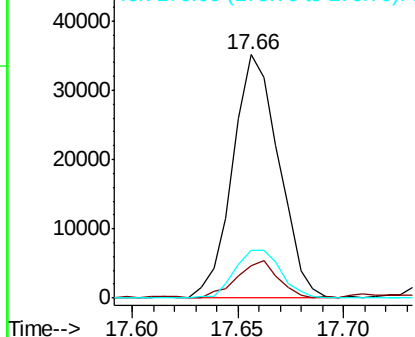


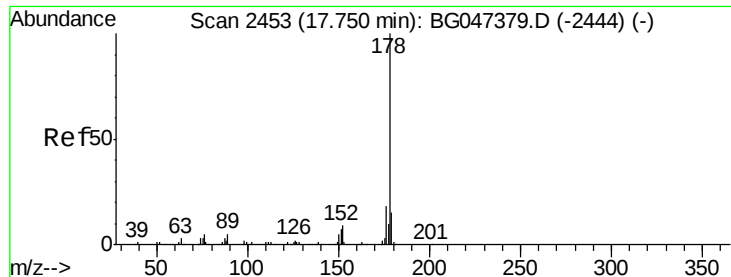
#70
Phenanthrene
Concen: 3.266 ng/ul
RT: 17.66 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG047384.D
Acq: 20 Nov 2020 21:00

Tgt Ion:178 Resp: 53304
Ion Ratio Lower Upper
178 100
179 13.4 12.8 19.2
176 19.4 15.7 23.5



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





#72

Anthracene

Concen: 3.243 ng/ul

RT: 17.66 min Scan# 2437

Delta R.T. -0.09 min

Lab File: BG047384.D

Acq: 20 Nov 2020 21:00

Instrument :

BNA_G

ClientSampleId :

C0B55

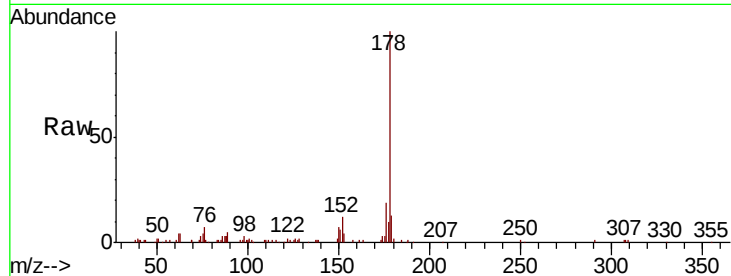
Tot Ion:178 Resp: 53304

Ion Ratio Lower Upper

178 100

179 13.4 12.2 18.2

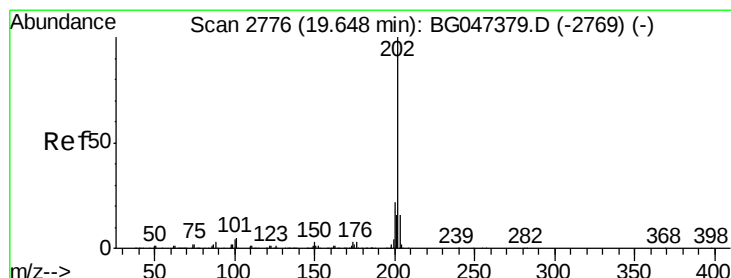
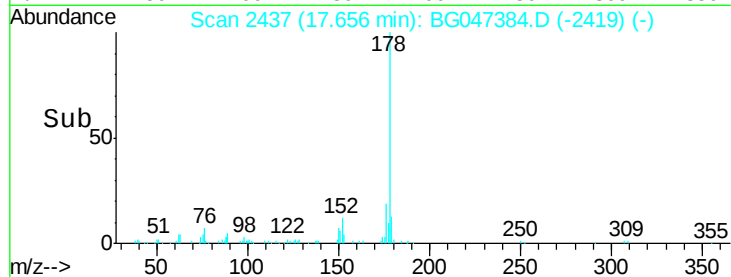
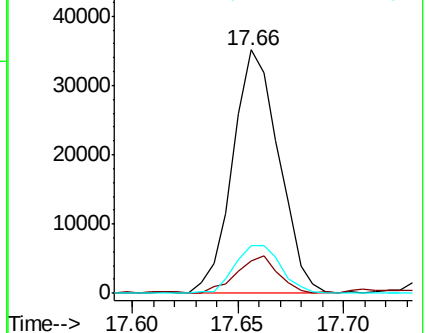
176 19.4 16.2 24.4



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: 10.567 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG047384.D

Acq: 20 Nov 2020 21:00

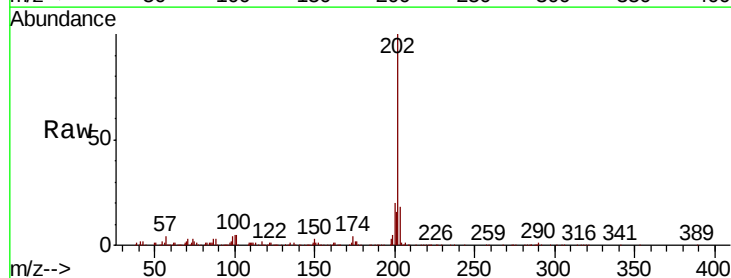
Tgt Ion:202 Resp: 217787

Ion Ratio Lower Upper

202 100

101 4.9 3.3 4.9#

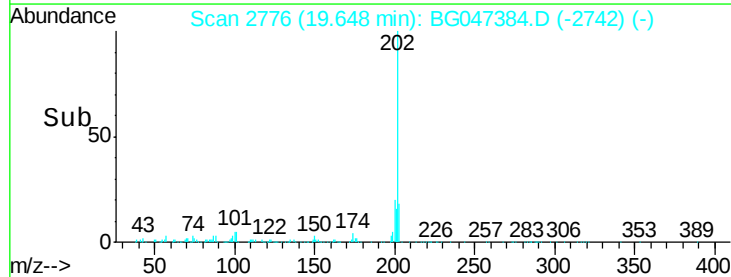
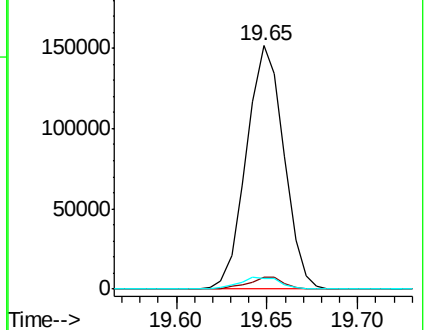
100 4.6 3.4 5.0

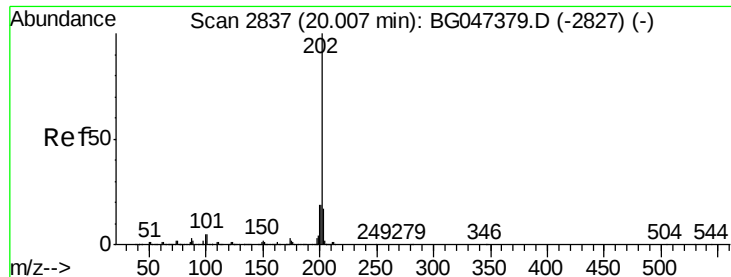


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

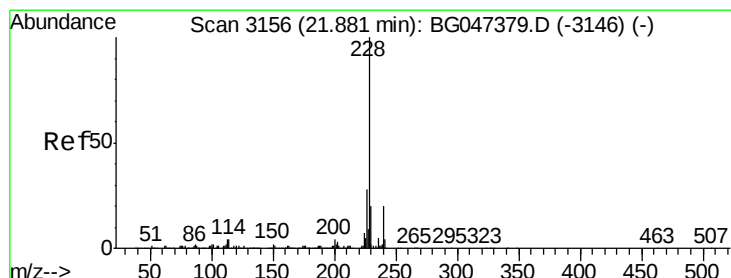
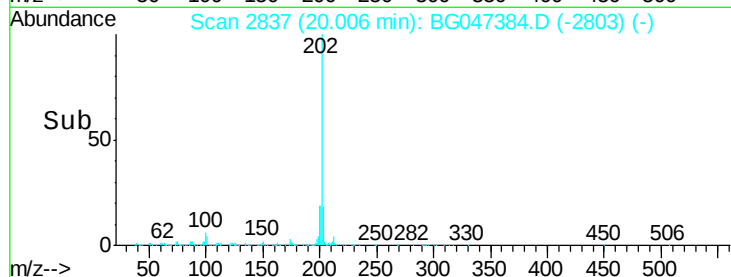
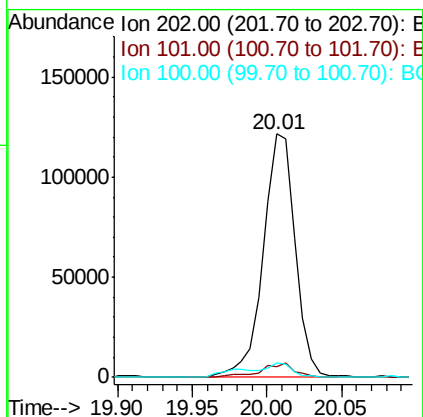
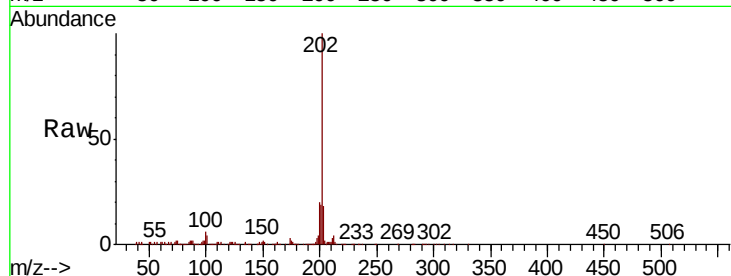




#80
Pvrene
Concen: 9.836 ng/ul
RT: 20.01 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG047384.D
Acq: 20 Nov 2020 21:00

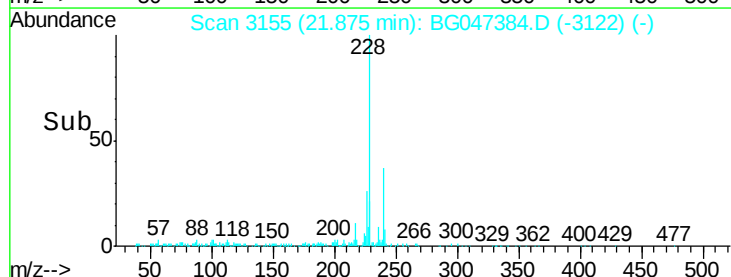
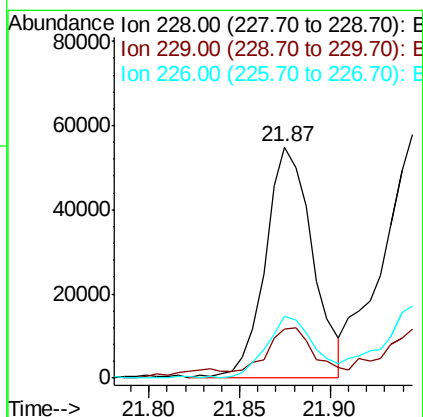
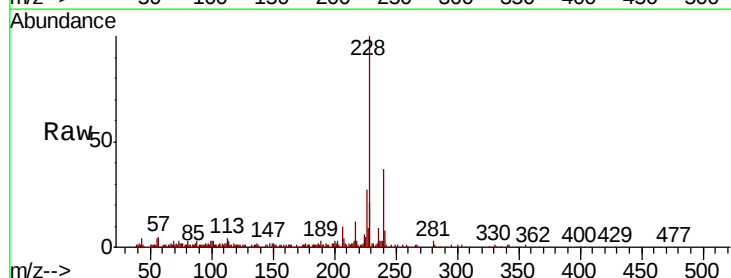
Instrument :
BNA_G
ClientSampleId :
C0B55

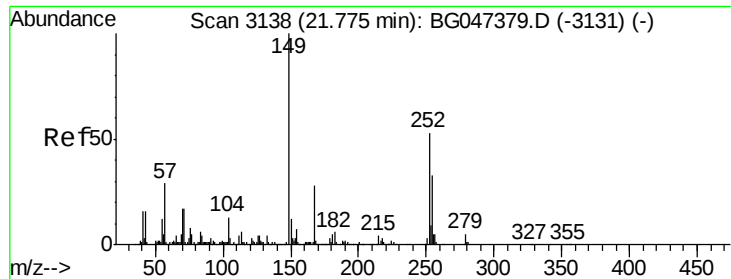
Tot Ion	Ratio	Lower	Upper
202	100		
101	4.3	5.0	7.4#
100	5.7	4.6	7.0



#83
Benzo(a)anthracene
Concen: 5.386 ng/ul
RT: 21.87 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG047384.D
Acq: 20 Nov 2020 21:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	26.7	23.3	34.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 8.171 ng/ul

RT: 21.77 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG047384.D

Acq: 20 Nov 2020 21:00

Instrument :

BNA_G

ClientSampleId :

C0B55

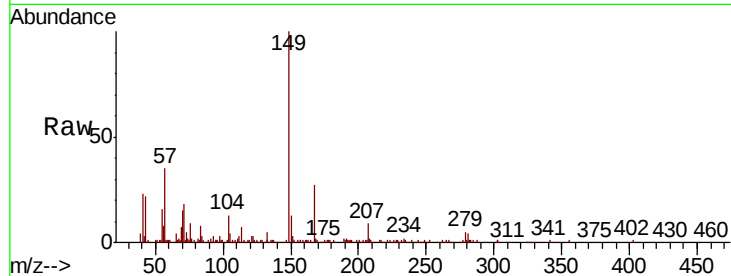
Tot Ion:149 Resp: 73513

Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

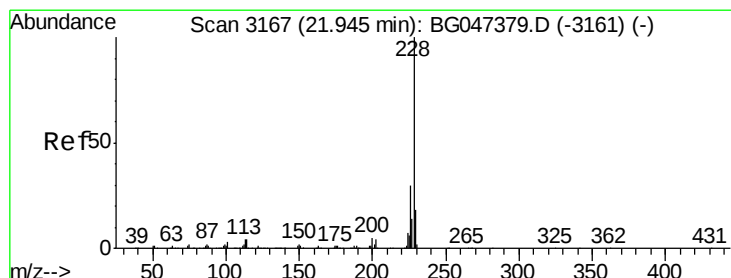
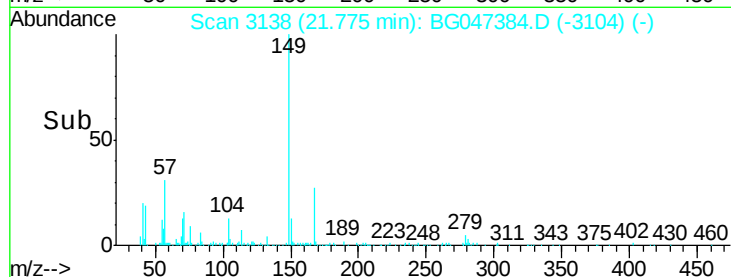
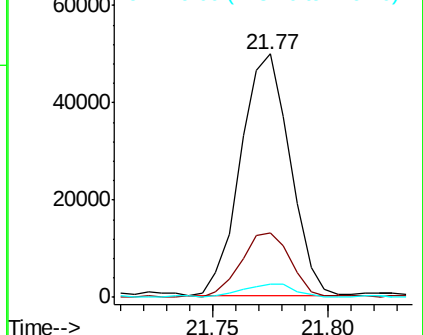
279 5.5 4.2 6.2



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: 6.629 ng/ul

RT: 21.95 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG047384.D

Acq: 20 Nov 2020 21:00

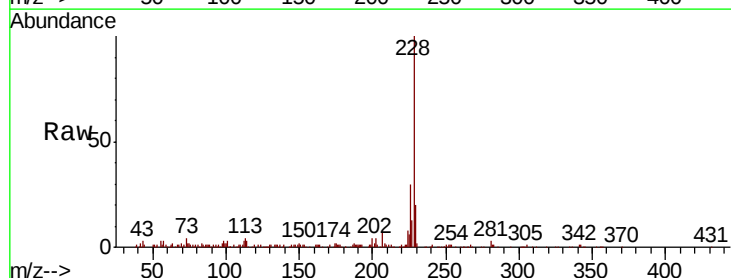
Tgt Ion:228 Resp: 116453

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

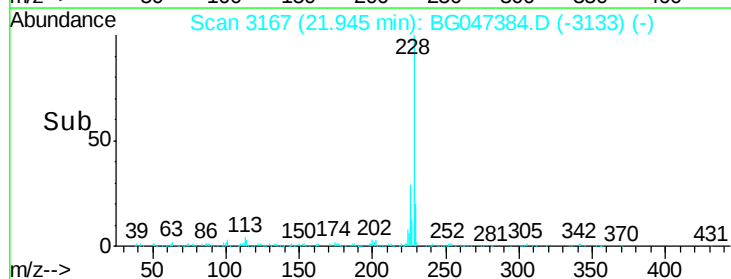
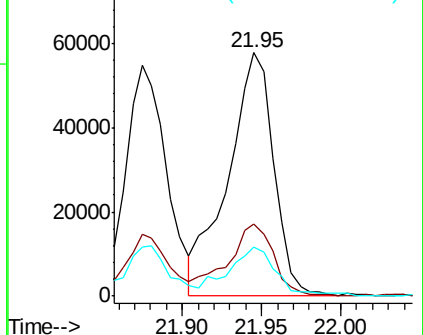
229 20.3 16.3 24.5

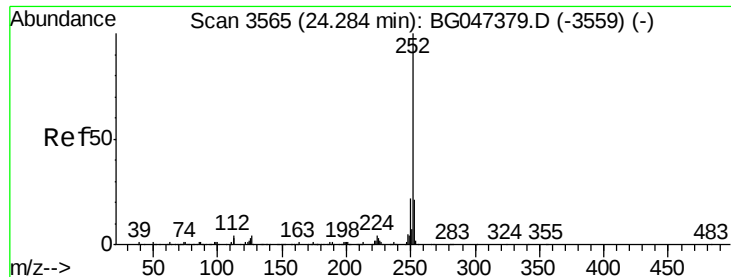


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 8.888 ng/ul

RT: 24.21 min Scan# 3553

Delta R.T. 0.01 min

Lab File: BG047384.D

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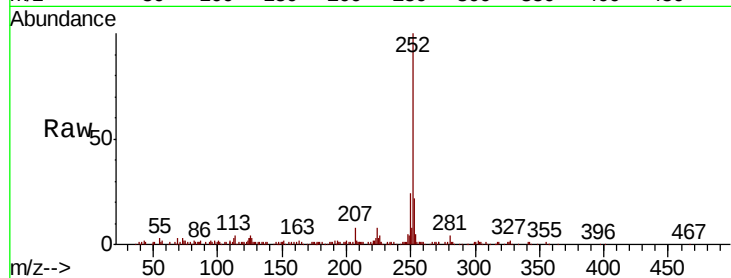
Tot Ion:252 Resp: 172796

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

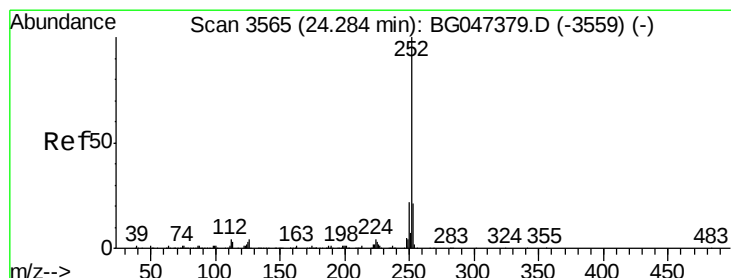
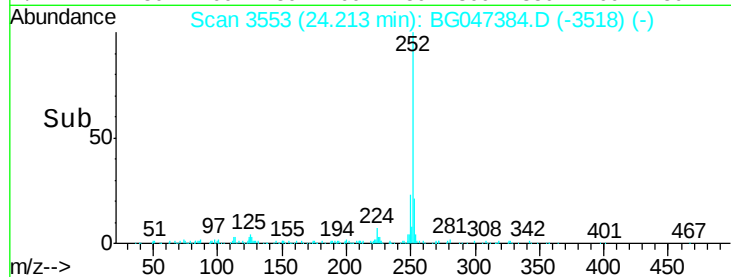
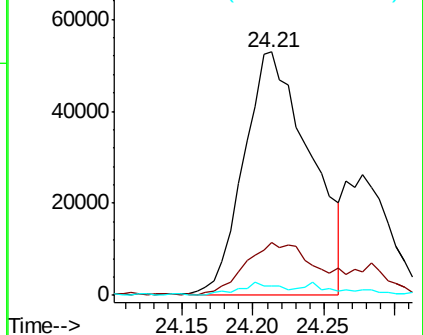
125 3.9 2.5 3.7#



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: 2.890 ng/ul

RT: 24.28 min Scan# 3564

Delta R.T. -0.01 min

Lab File: BG047384.D

Acq: 20 Nov 2020 21:00

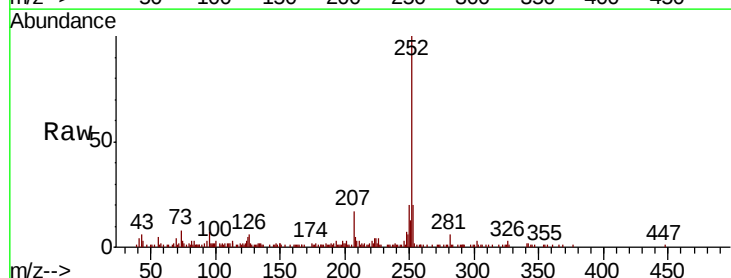
Tgt Ion:252 Resp: 55365

Ion Ratio Lower Upper

252 100

253 19.5 16.7 25.1

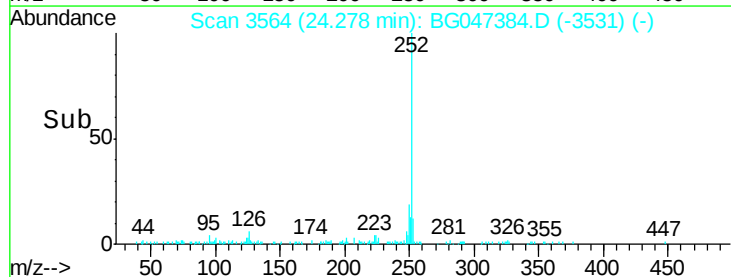
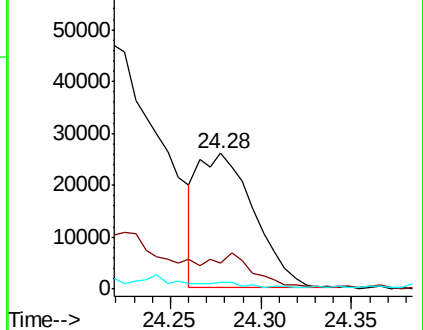
125 4.6 2.6 3.8#

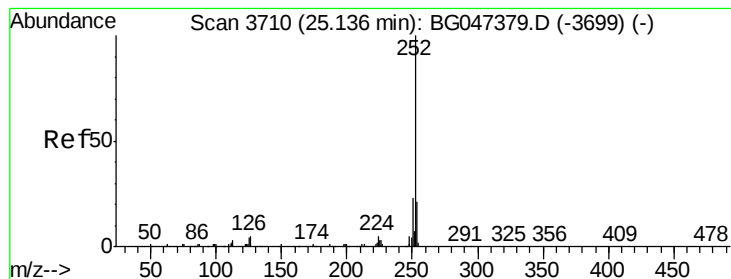


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 4.411 ng/ul

RT: 24.98 min Scan# 3684

Delta R.T. -0.15 min

Lab File: BG047384.D

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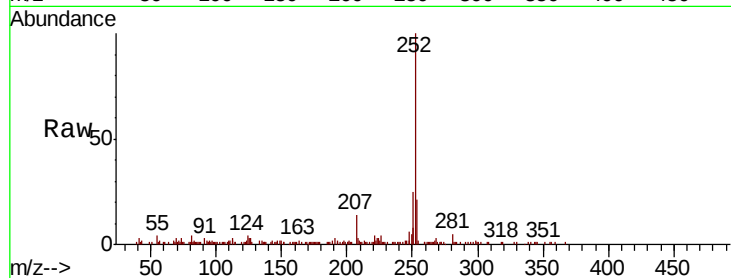
Tot Ion:252 Resp: 76443

Ion Ratio Lower Upper

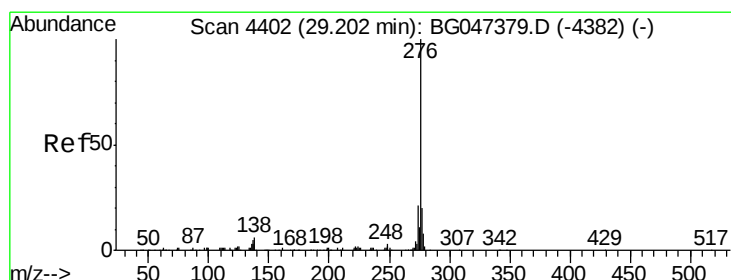
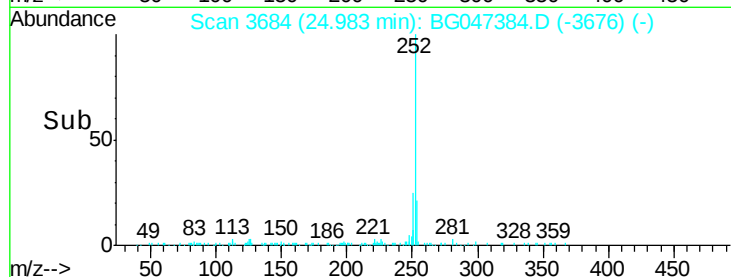
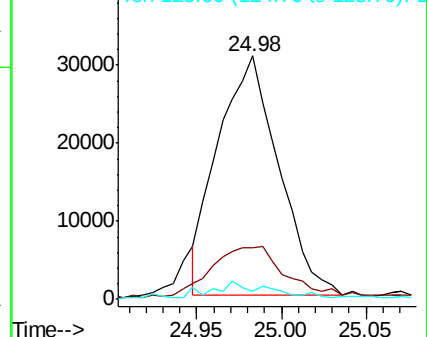
252 100

253 21.0 17.5 26.3

125 3.2 3.1 4.7



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: 4.217 ng/ul

RT: 29.20 min Scan# 4401

Delta R.T. -0.00 min

Lab File: BG047384.D

Acq: 20 Nov 2020 21:00

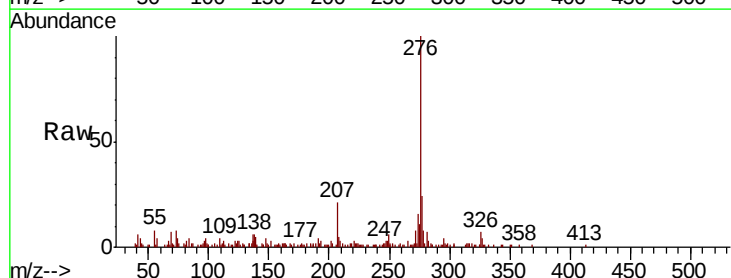
Tgt Ion:276 Resp: 88909

Ion Ratio Lower Upper

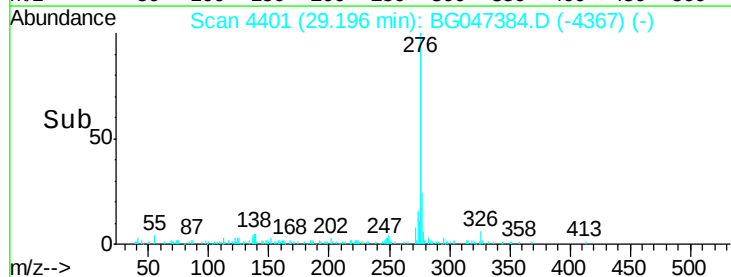
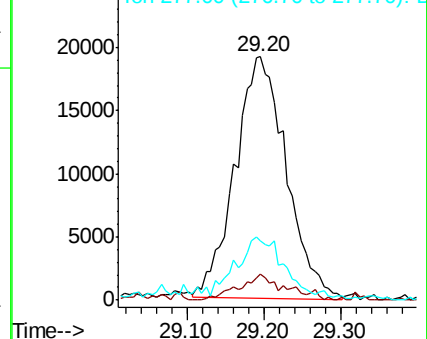
276 100

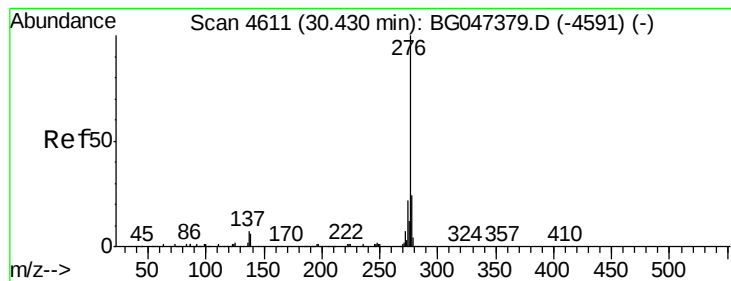
138 10.9 7.5 11.3

277 24.3 19.9 29.9



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: 2.758 ng/ul

RT: 30.42 min Scan# 4609

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

C0B55

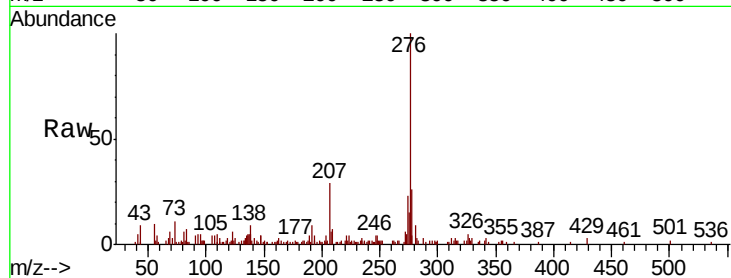
Tot Ion:276 Resp: 47983

Ion Ratio Lower Upper

276 100

138 14.1 8.2 12.2#

277 26.0 17.5 26.3



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

