

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
 Data File : BG046755.D
 Acq On : 3 Oct 2020 3:46
 Operator : CG/JU
 Sample : L4151-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7K8

Quant Time: Oct 03 06:12:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 03:57:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	71121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	299120	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	214857	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	507569	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	510874	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	535258	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	4879	3.37	ng/uL	0.00
5) Phenol-d5	7.25	99	101199	16.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	68619	18.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	78406	17.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	76691	16.11	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	43250	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	47346	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	88518	16.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	67161	10.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	316478	19.28	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	338744	17.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	46621	16.66	ng/ul	0.00
58) Fluorene-d10	15.72	176	270215	17.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	48574	19.15	ng/ul	0.00
71) Anthracene-d10	17.57	188	388649	16.69	ng/ul	0.00
79) Pyrene-d10	19.85	212	443491	16.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	452595	15.69	ng/ul	0.00

Target Compounds

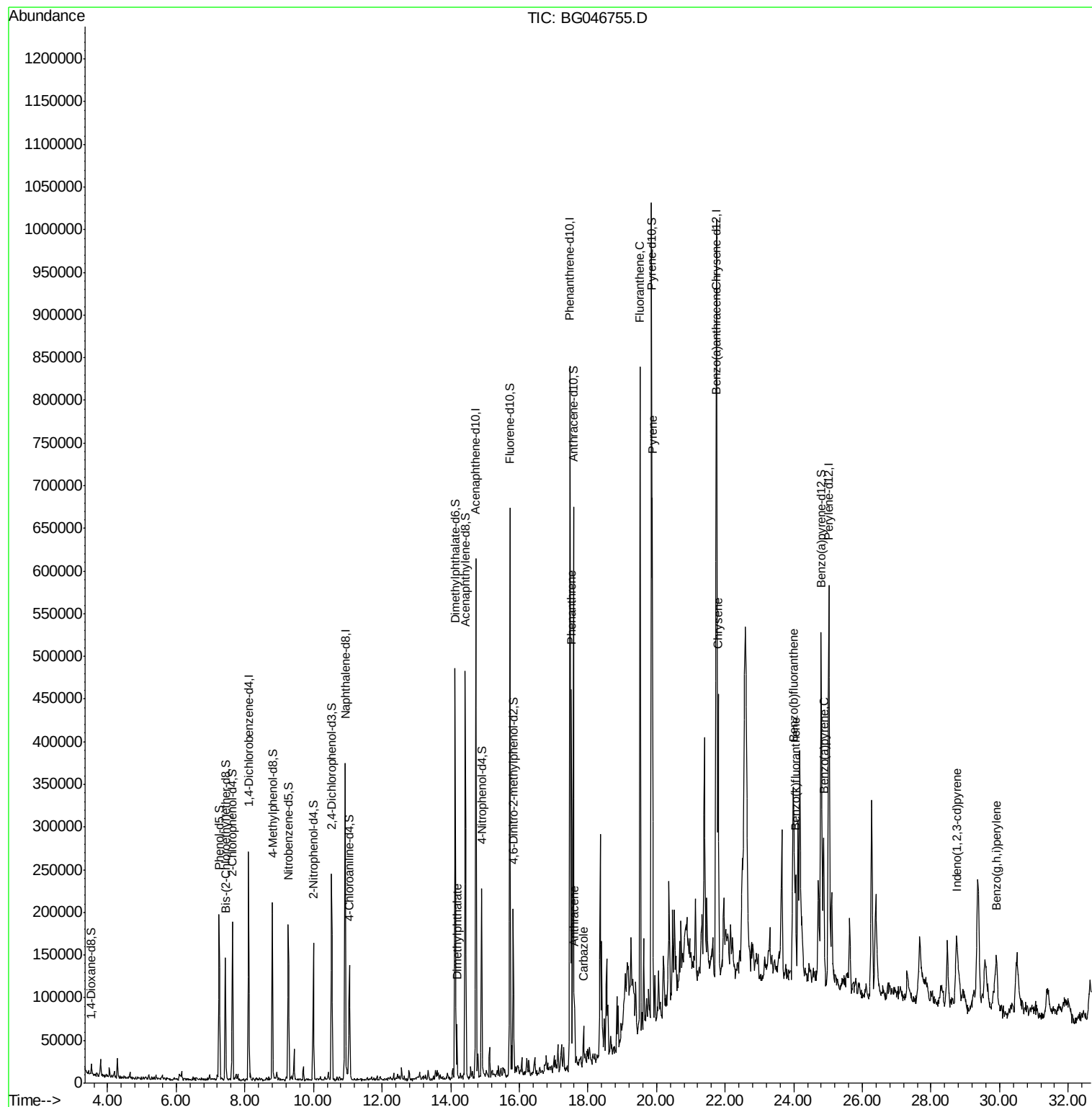
					Ovalue
45) Dimethylphthalate	14.18	163	37361	2.249	ng/ul 98
70) Phenanthrene	17.52	178	284140	10.240	ng/ul 96
72) Anthracene	17.61	178	57985	2.063	ng/ul 96
75) Carbazole	17.87	167	27343	1.220	ng/ul 99
77) Fluoranthene	19.52	202	477569	14.494	ng/ul 100
80) Pyrene	19.88	202	391492	11.922	ng/ul# 97
83) Benzo(a)anthracene	21.73	228	265714	7.949	ng/ul 98
85) Chrysene	21.80	228	246281	7.595	ng/ul 98
88) Benzo(b)fluoranthene	23.98	252	320621	9.080	ng/ul 99
89) Benzo(k)fluoranthene	24.04	252	100001	2.905	ng/ul 98
91) Benzo(a)pyrene	24.87	252	203403	6.306	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	28.75	276	139593	3.528	ng/ul 99
94) Benzo(g,h,i)perylene	29.90	276	56650	1.709	ng/ul 96

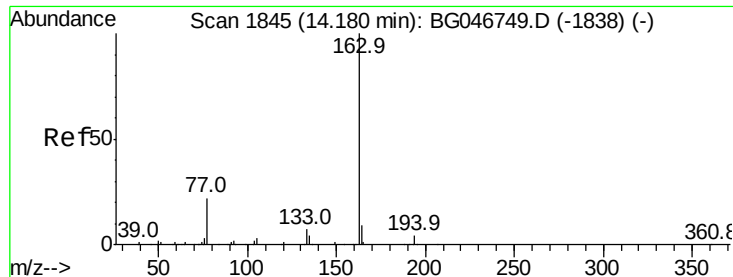
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
Data File : BG046755.D
Acq On : 3 Oct 2020 3:46
Operator : CG/JU
Sample : L4151-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB7K8

Quant Time: Oct 03 06:12:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 03:57:33 2020
Response via : Initial Calibration

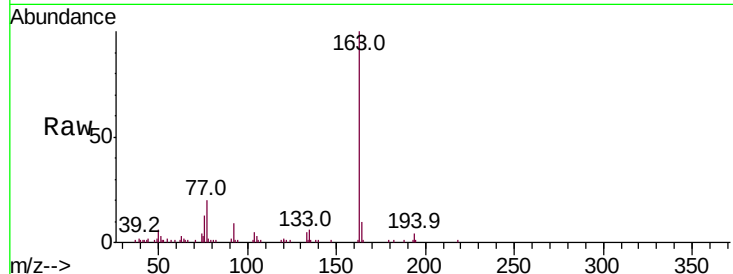




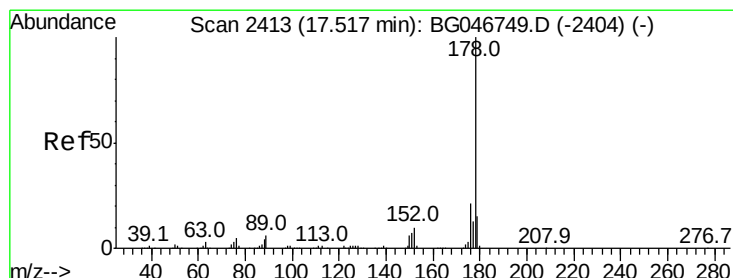
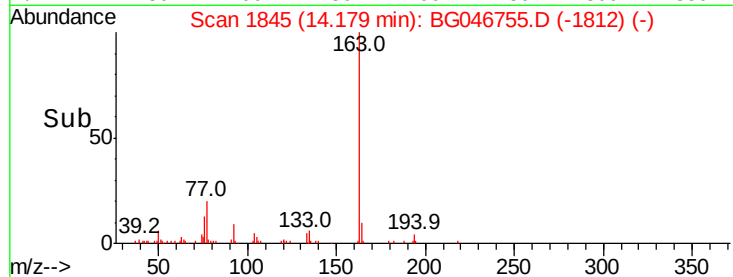
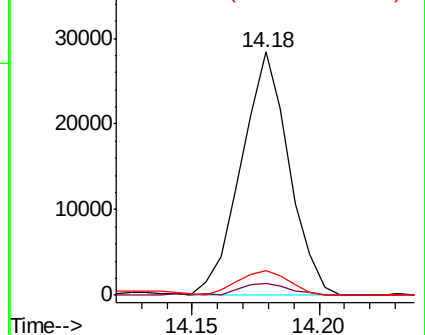
#45
Dimethylphthalate
Concen: 2.249 ng/ul
RT: 14.18 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46

Instrument :
BNA_G
ClientSampleId :
CB7K8

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.6	5.4
164	9.9	7.4	11.0

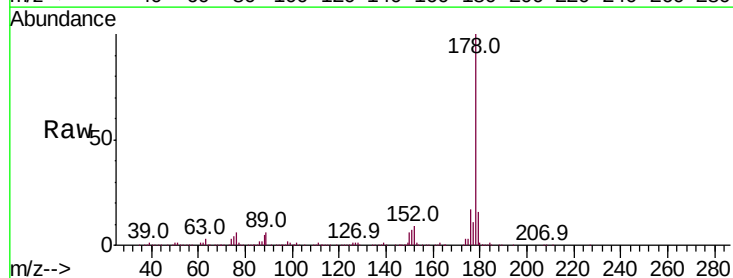


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

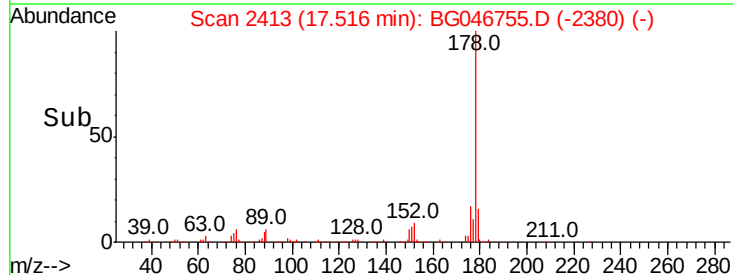
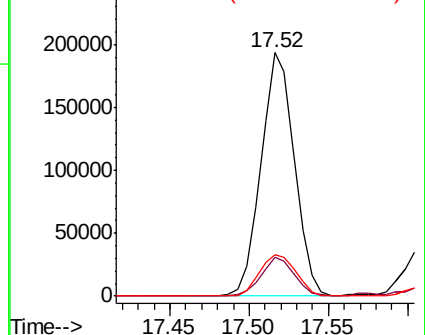


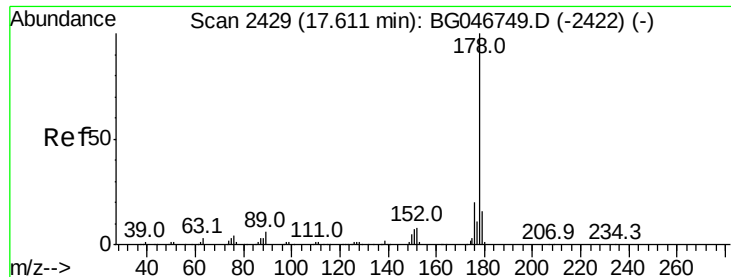
#70
Phenanthrene
Concen: 10.240 ng/ul
RT: 17.52 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	16.8	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





#72

Anthracene

Concen: 2.063 ng/ul

RT: 17.61 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG046755.D

Acq: 3 Oct 2020 3:46

Instrument :

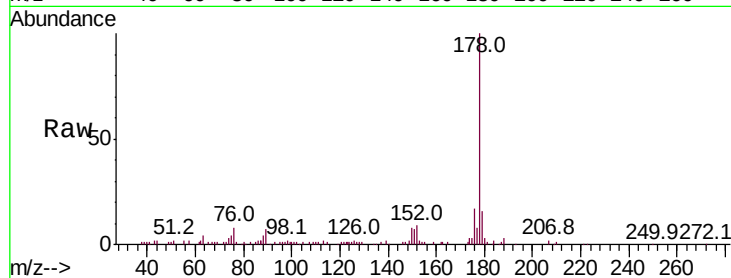
BNA_G

ClientSampleId :

CB7K8

Tot Ion:178 Resp: 57985

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.9	17.9
176	17.1	15.2	22.8

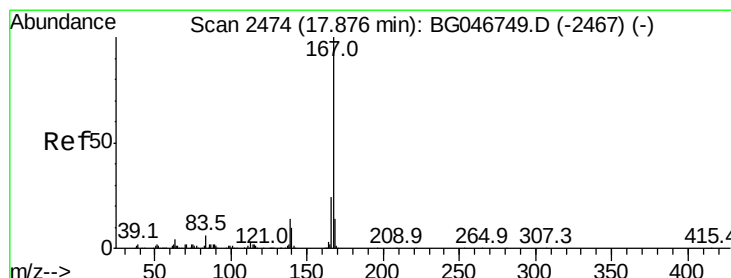
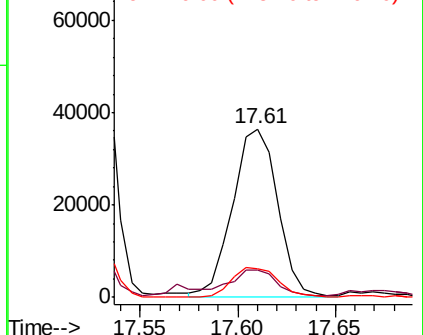
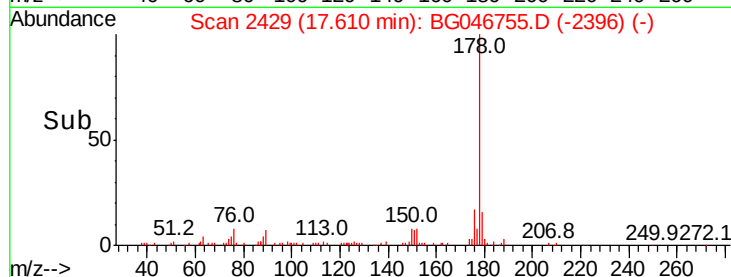


Abundance

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



#75

Carbazole

Concen: 1.220 ng/ul

RT: 17.87 min Scan# 2474

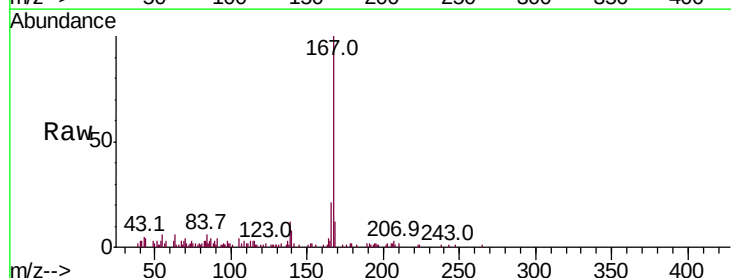
Delta R.T. 0.00 min

Lab File: BG046755.D

Acq: 3 Oct 2020 3:46

Tgt Ion:167 Resp: 27343

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	12.3	9.8	14.6

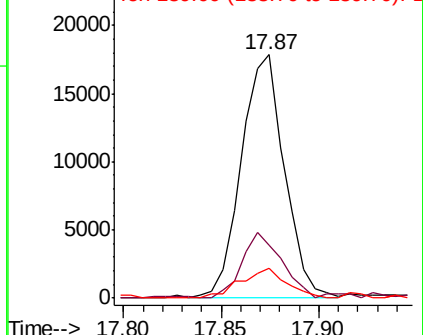
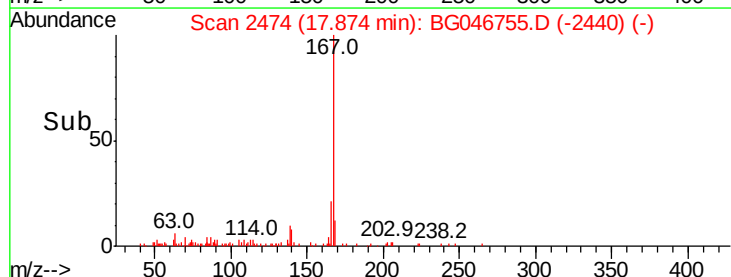


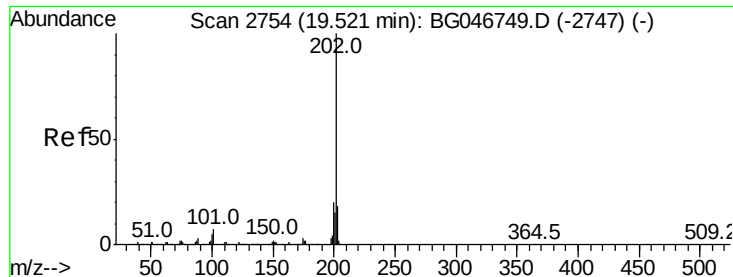
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 14.494 ng/ul

RT: 19.52 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BG046755.D

Acq: 3 Oct 2020 3:46

Instrument :

BNA_G

ClientSampleId :

CB7K8

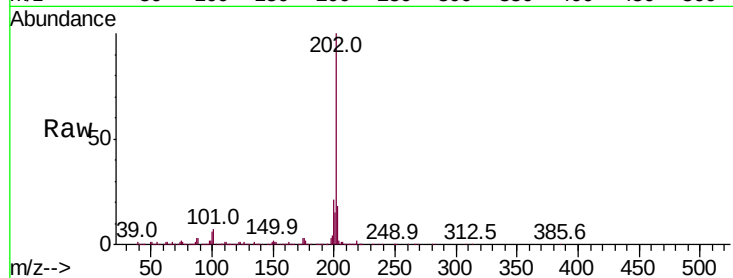
Tot Ion:202 Resp: 477569

Ion Ratio Lower Upper

202 100

101 7.1 5.8 8.6

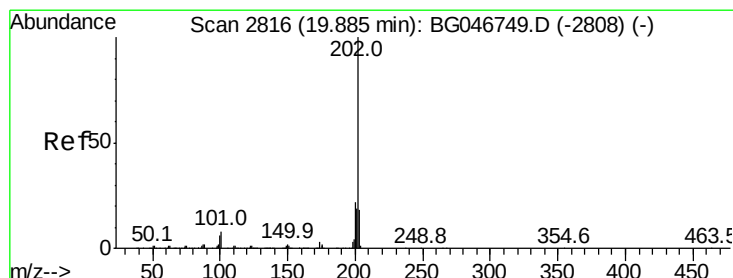
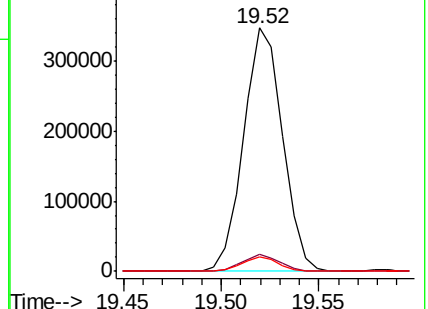
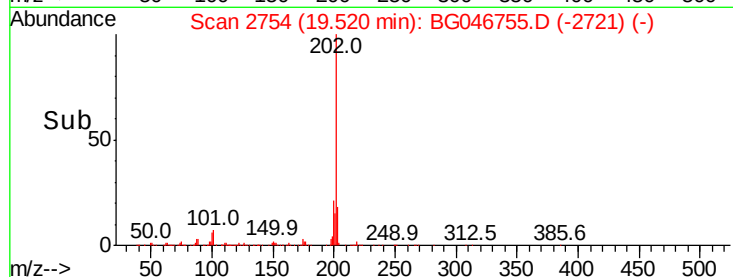
100 5.8 4.5 6.7



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

Pyrene

Concen: 11.922 ng/ul

RT: 19.88 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG046755.D

Acq: 3 Oct 2020 3:46

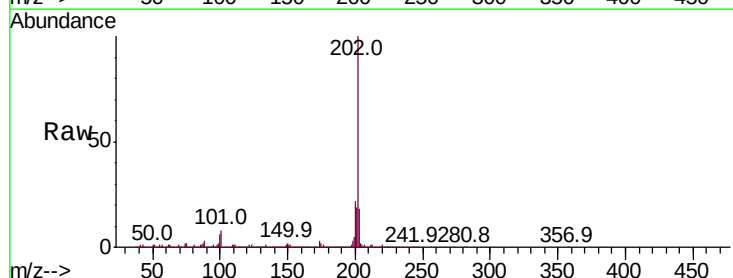
Tgt Ion:202 Resp: 391492

Ion Ratio Lower Upper

202 100

101 8.2 7.0 10.4

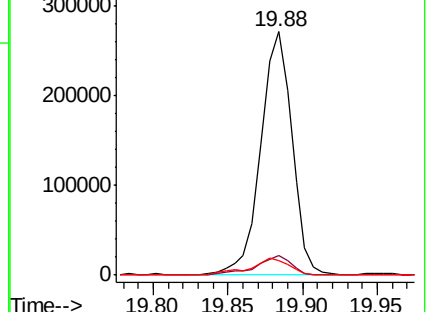
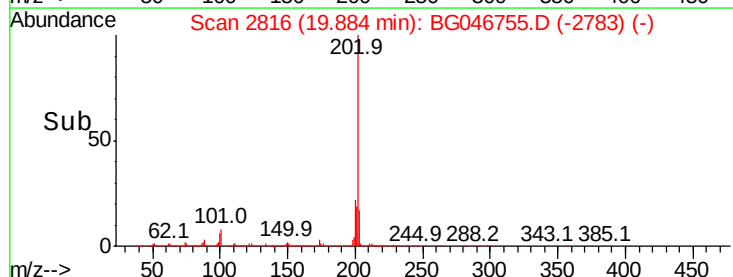
100 5.9 6.0 9.0#

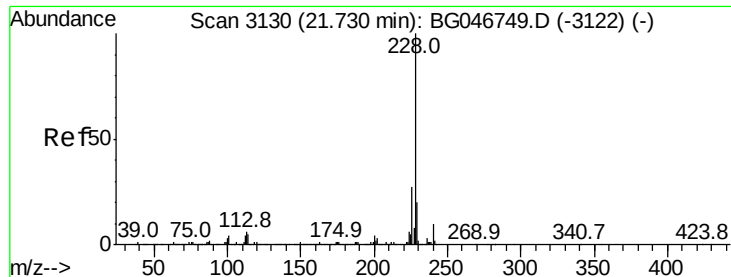


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

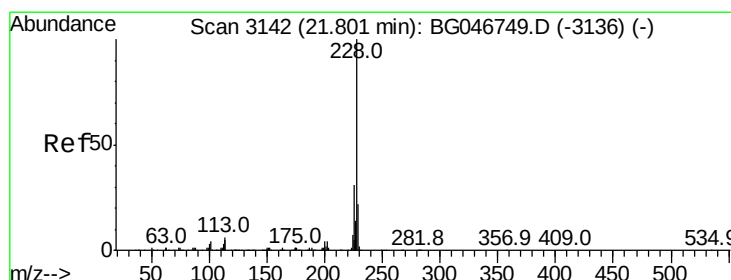
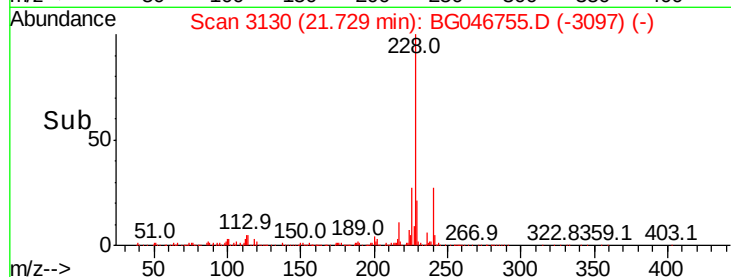
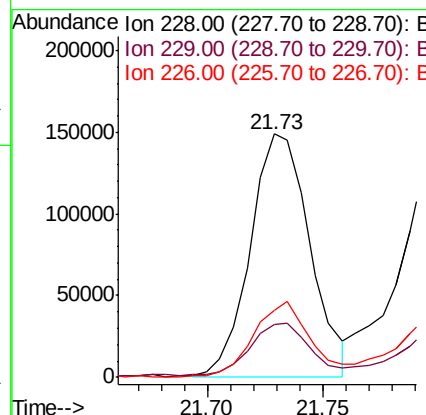
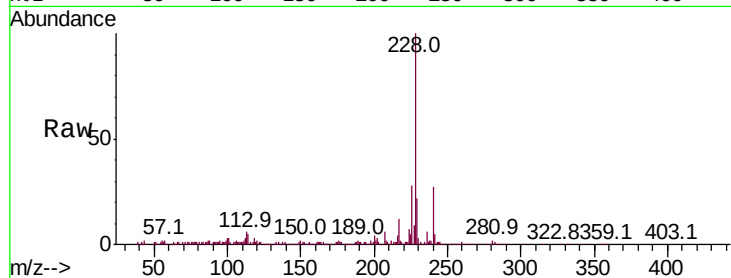




#83
Benzo(a)anthracene
Concen: 7.949 ng/ul
RT: 21.73 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46

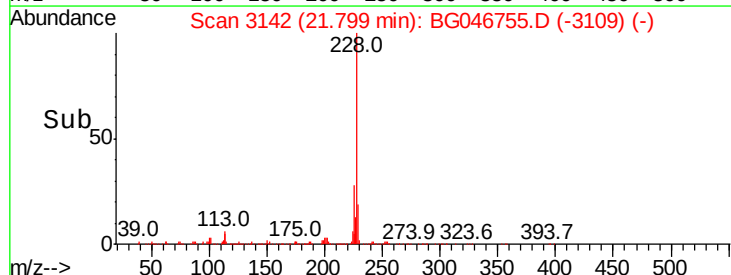
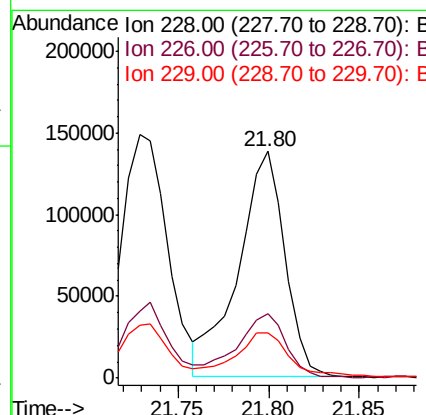
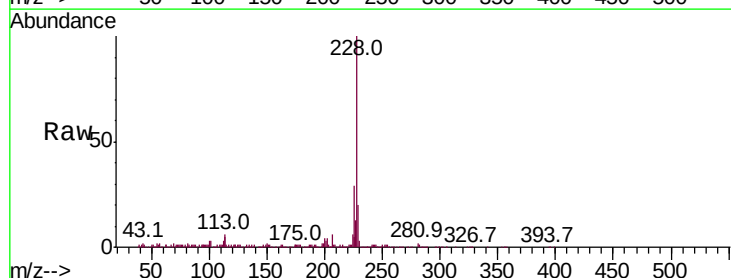
Instrument :
BNA_G
ClientSampleId :
CB7K8

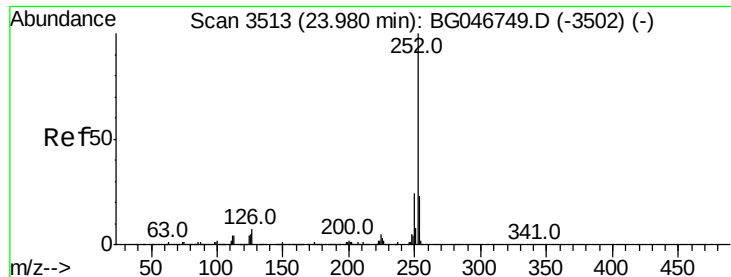
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.5	24.7
226	27.8	21.6	32.4



#85
Chrysene
Concen: 7.595 ng/ul
RT: 21.80 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046755.D
Acq: 3 Oct 2020 3:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.3	36.5
229	20.1	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 9.080 ng/ul

RT: 23.98 min Scan# 3514

Delta R.T. -0.00 min

Lab File: BG046755.D

Acq: 3 Oct 2020 3:46

Instrument :

BNA_G

ClientSampleId :

CB7K8

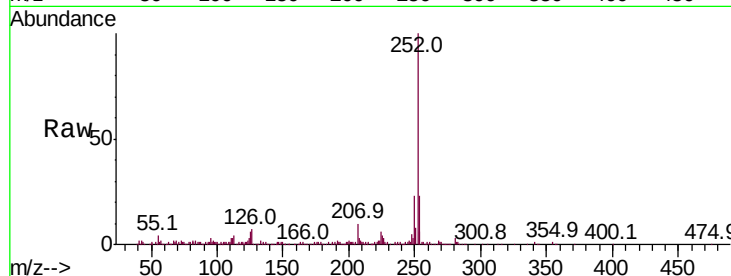
Tot Ion:252 Resp: 320621

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

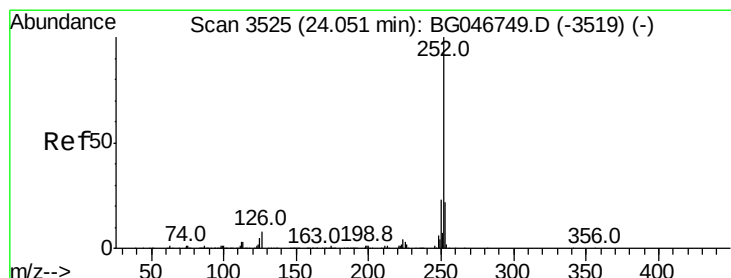
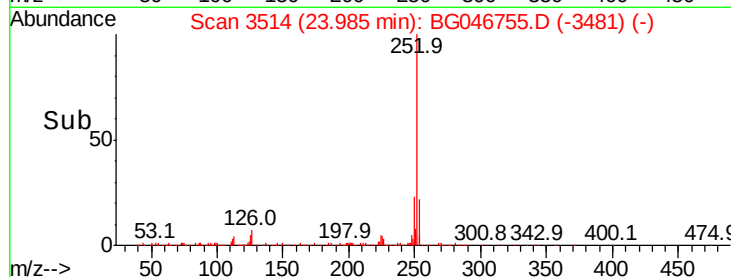
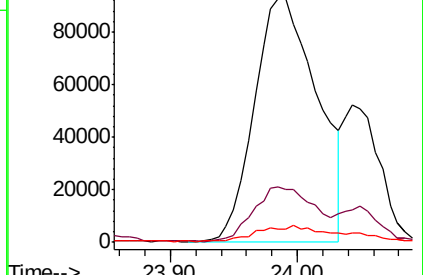
125 5.6 5.0 7.4



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: 2.905 ng/ul

RT: 24.04 min Scan# 3524

Delta R.T. -0.01 min

Lab File: BG046755.D

Acq: 3 Oct 2020 3:46

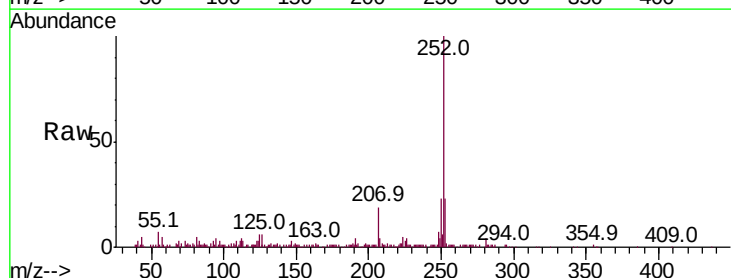
Tgt Ion:252 Resp: 100001

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

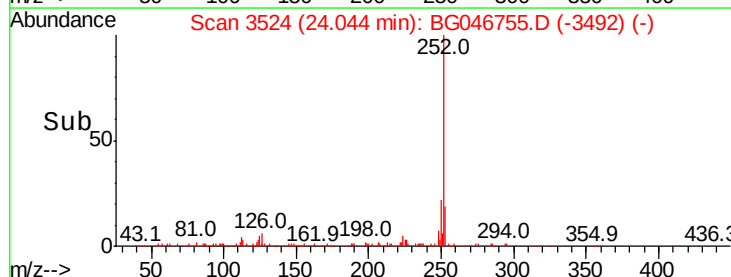
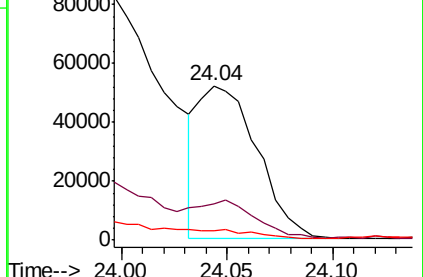
125 6.4 4.8 7.2

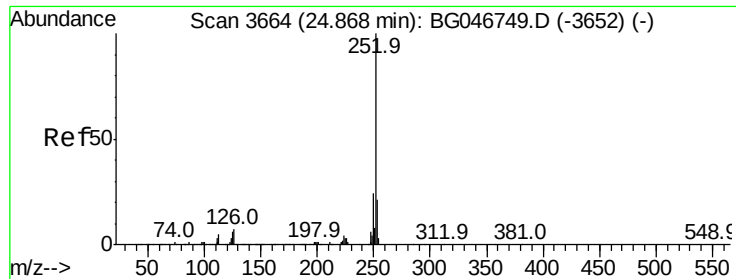


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 6.306 ng/ul

RT: 24.87 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG046755.D

Acq: 3 Oct 2020 3:46

Instrument :

BNA_G

ClientSampleId :

CB7K8

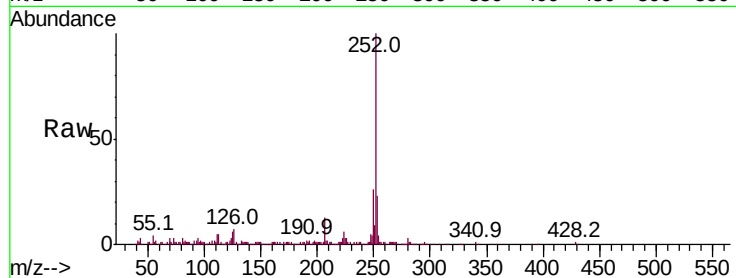
Tot Ion:252 Resp: 203403

Ion Ratio Lower Upper

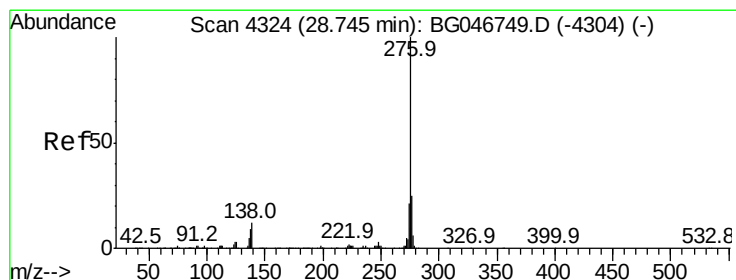
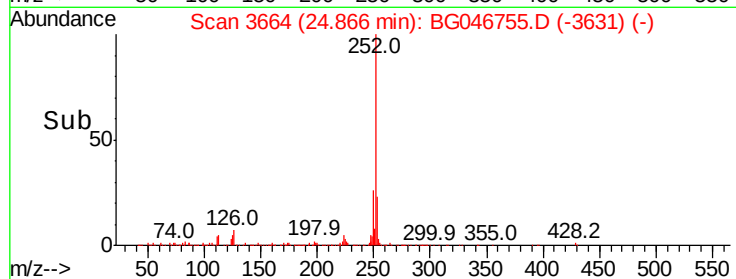
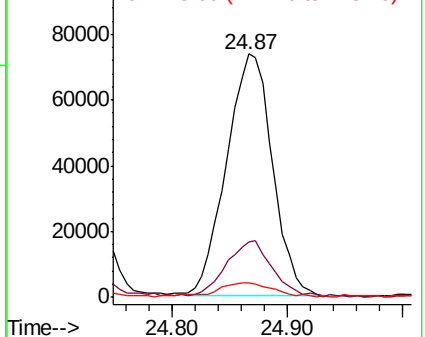
252 100

253 22.9 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: 3.528 ng/ul

RT: 28.75 min Scan# 4325

Delta R.T. -0.01 min

Lab File: BG046755.D

Acq: 3 Oct 2020 3:46

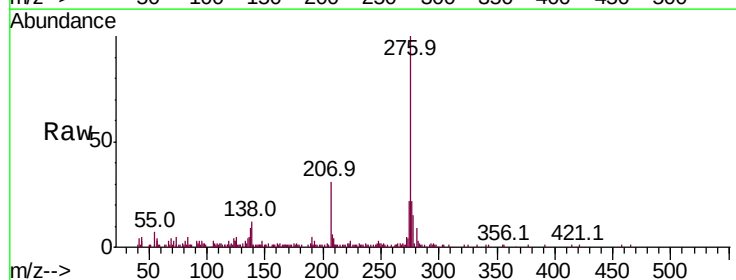
Tgt Ion:276 Resp: 139593

Ion Ratio Lower Upper

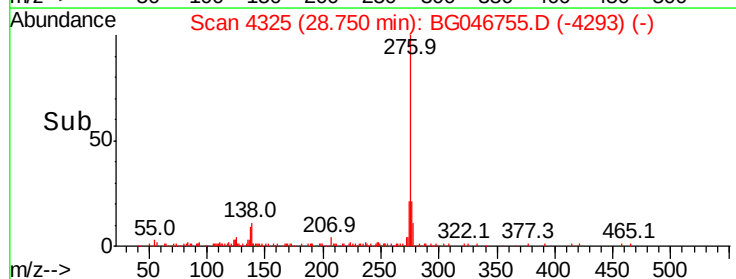
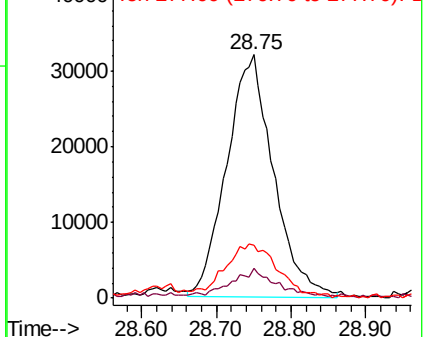
276 100

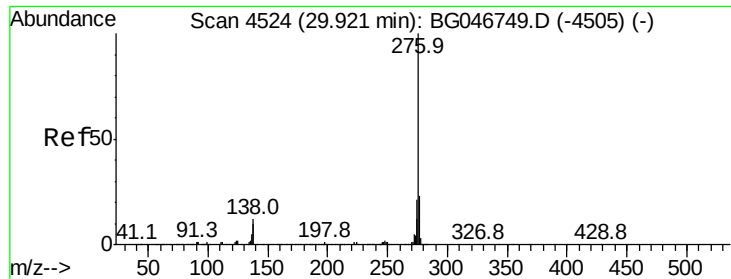
138 12.1 9.7 14.5

277 21.9 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: 1.709 ng/ul

RT: 29.90 min Scan# 4521

Delta R.T. -0.03 min

Lab File: BG046755.D

Acq: 3 Oct 2020 3:46

Instrument :

BNA_G

ClientSampleId :

CB7K8

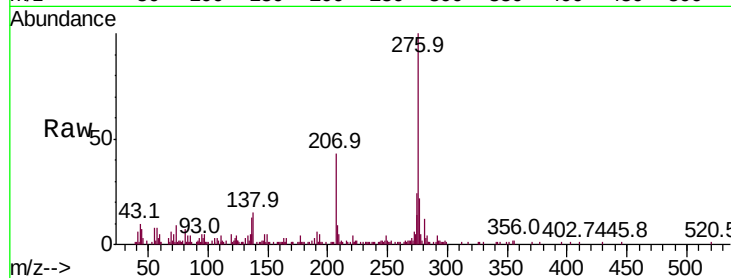
Tot Ion:276 Resp: 56650

Ion Ratio Lower Upper

276 100

138 14.9 10.2 15.4

277 22.2 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

