

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046356.D
 Acq On : 19 Aug 2020 21:27
 Operator : CG/JU
 Sample : L3633-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFME2

Quant Time: Aug 20 01:29:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 20 01:26:46 2020
 Response via : Initial Calibration

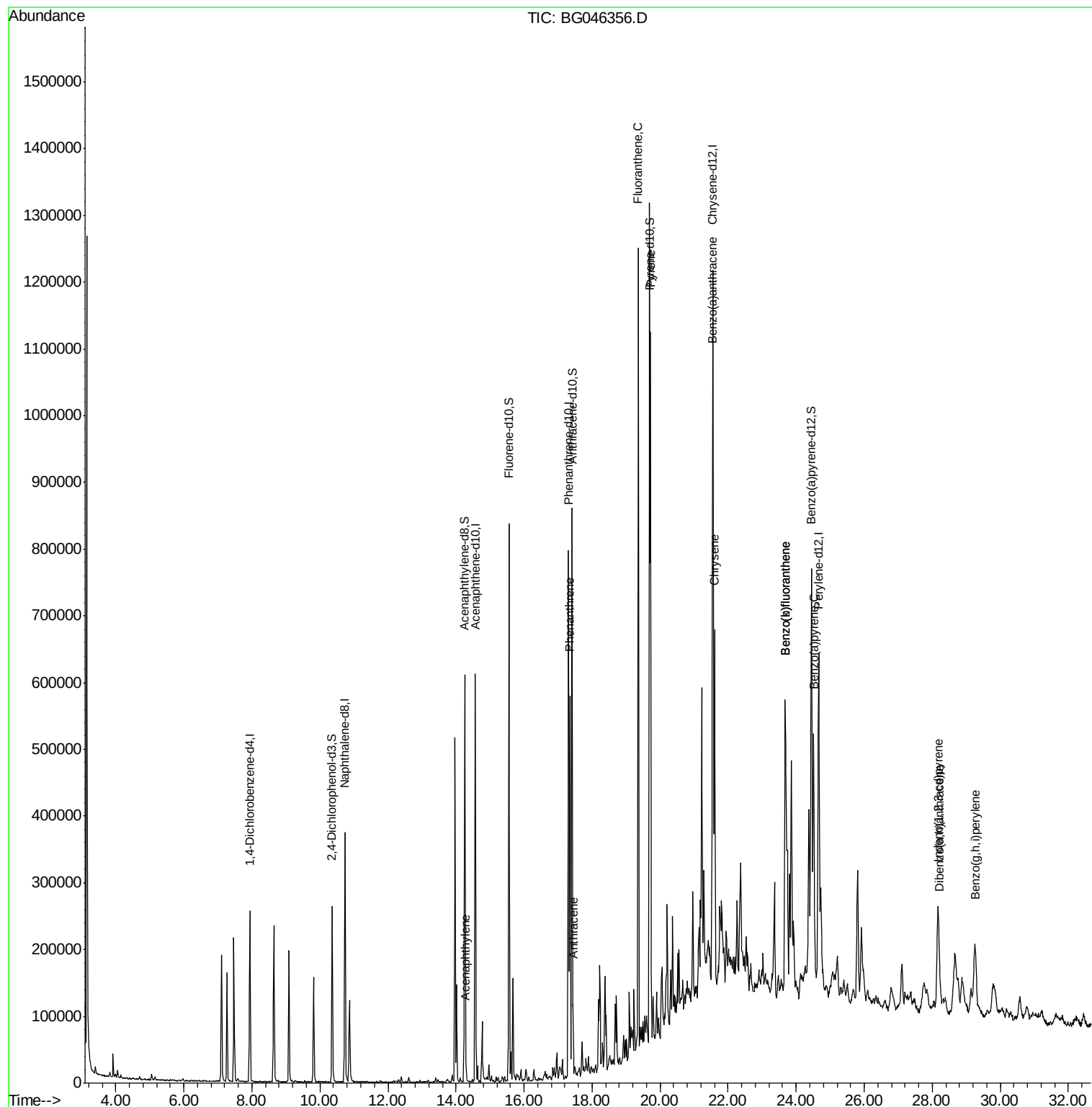
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	80814	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	331686	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	221265	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	510550	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	517415	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	547076	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	118712	20.79	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	465552	22.86	ng/ul	0.00
10) Fluorene-d10	15.56	176	353329	22.64	ng/ul	0.00
15) Anthracene-d10	17.41	188	525269	22.19	ng/ul	0.00
19) Pyrene-d10	19.69	212	625082	23.47	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	683836	22.91	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.29	152	24272	1.172	ng/ul	99
14) Phenanthrene	17.35	178	371739	13.235	ng/ul	99
16) Anthracene	17.44	178	68917	2.432	ng/ul	97
17) Fluoranthene	19.36	202	736129	23.504	ng/ul	99
20) Pyrene	19.72	202	691100	20.348	ng/ul	99
21) Benzo(a)anthracene	21.53	228	390826	11.609	ng/ul	99
22) Chrysene	21.60	228	409635	12.587	ng/ul	97
24) Benzo(b)fluoranthene	23.68	252	554057	15.315	ng/ul	99
25) Benzo(k)fluoranthene	23.68	252	554057	15.439	ng/ul	99
27) Benzo(a)pyrene	24.52	252	391013	11.773	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.17	276	274164	6.593	ng/ul	98
29) Dibenzo(a,h)anthracene	28.20	278	41055	1.218	ng/ul	96
30) Benzo(a,h,i)perylene	29.26	276	220935	6.348	ng/ul	100

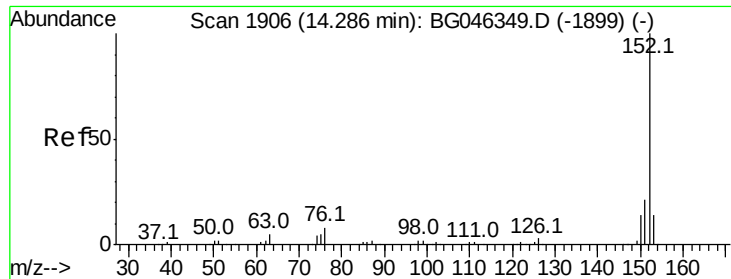
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046356.D
Acq On : 19 Aug 2020 21:27
Operator : CG/JU
Sample : L3633-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFME2

Quant Time: Aug 20 01:29:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 01:26:46 2020
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.172 ng/ul

RT: 14.29 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

Instrument :

BNA_G

ClientSampleId :

BFME2

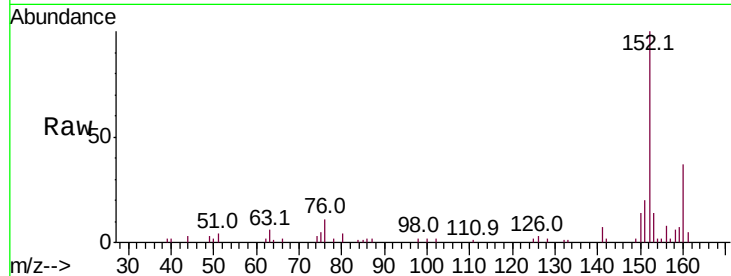
Tot Ion:152 Resp: 24272

Ion Ratio Lower Upper

152 100

151 20.1 16.5 24.7

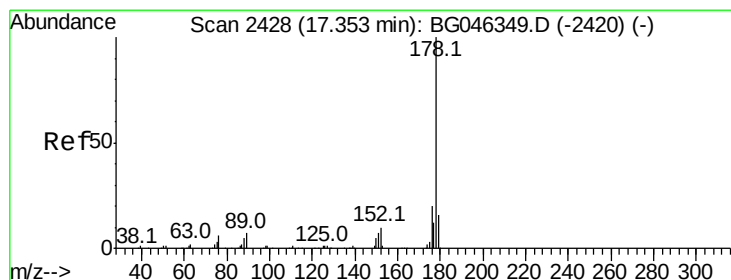
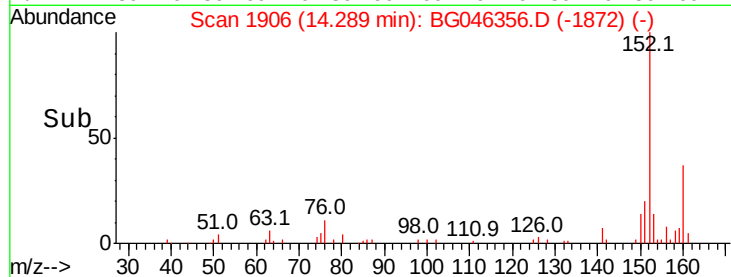
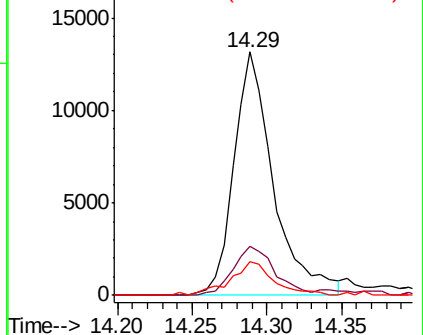
153 13.9 11.0 16.6



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



#14

Phenanthrene

Concen: 13.235 ng/ul

RT: 17.35 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

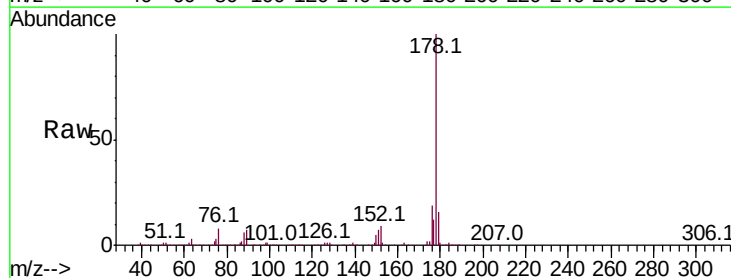
Tgt Ion:178 Resp: 371739

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

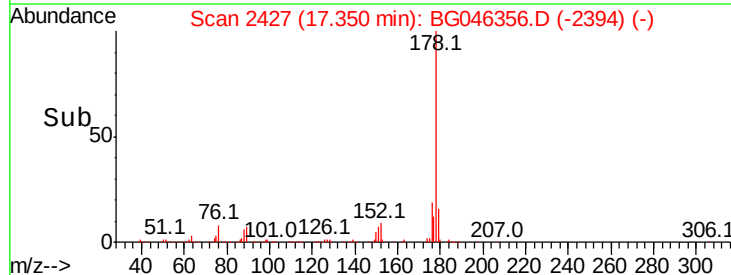
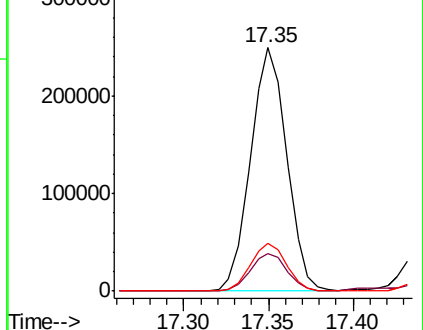
176 19.5 15.8 23.8

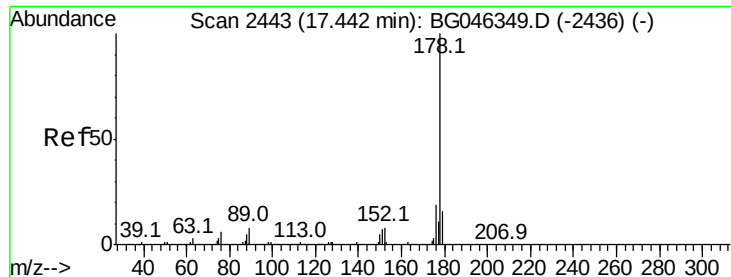


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

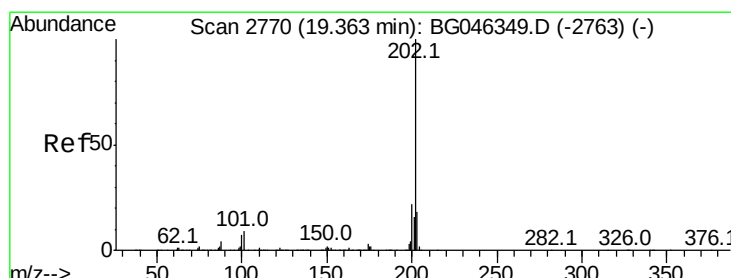
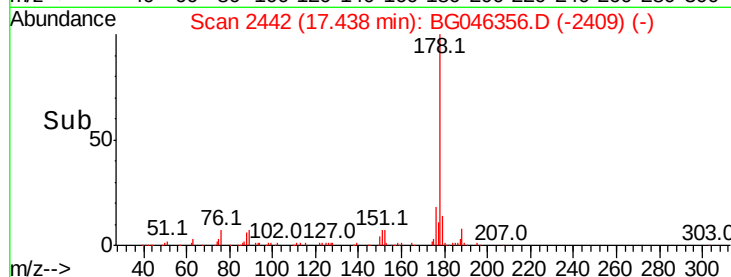
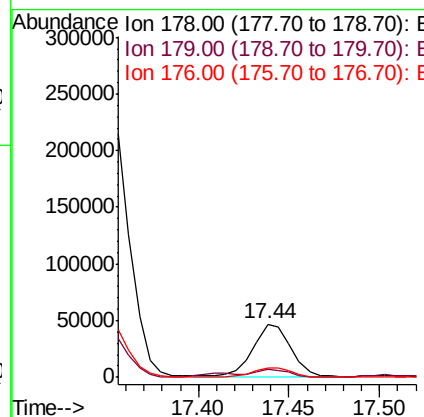
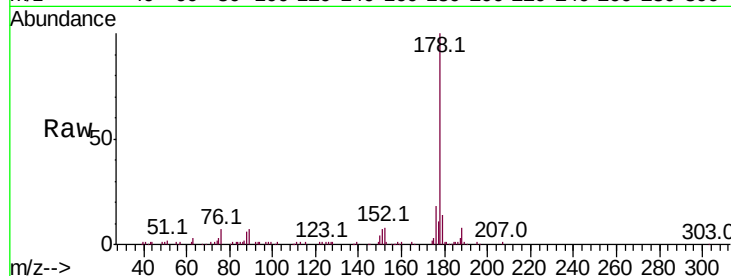




#16
 Anthracene
 Concen: 2.432 ng/ul
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG046356.D
 Acq: 19 Aug 2020 21:27

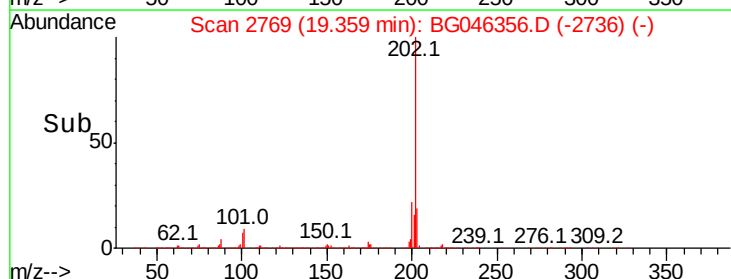
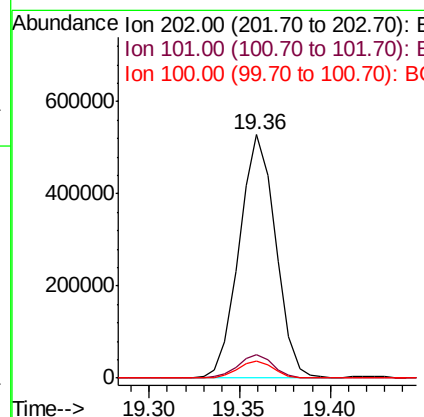
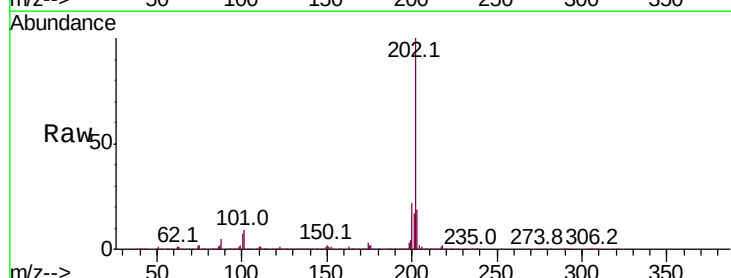
Instrument :
 BNA_G
 ClientSampled :
 BFME2

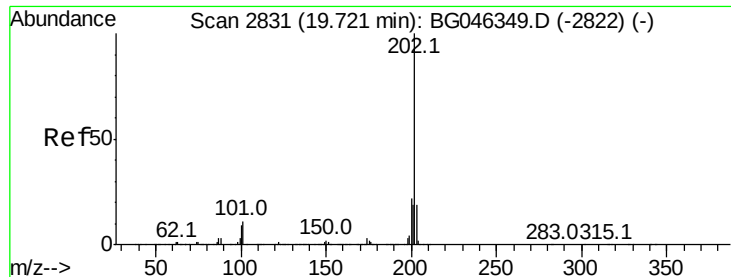
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.2	13.2	19.8
176	18.4	15.2	22.8



#17
 Fluoranthene
 Concen: 23.504 ng/ul
 RT: 19.36 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: BG046356.D
 Acq: 19 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.8	11.6
100	7.1	5.9	8.9

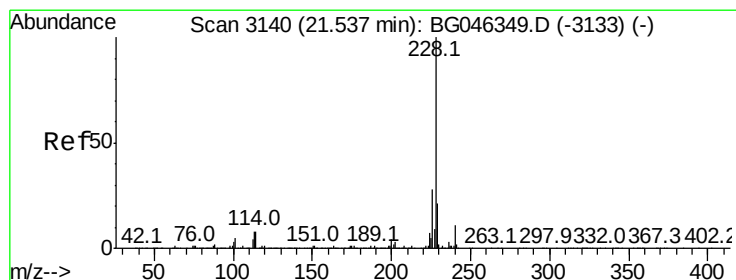
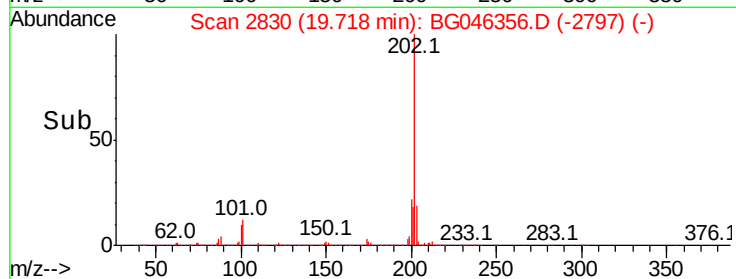
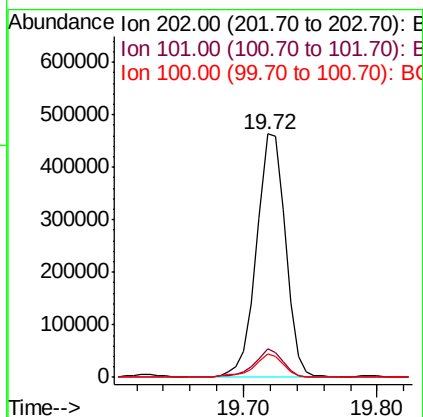
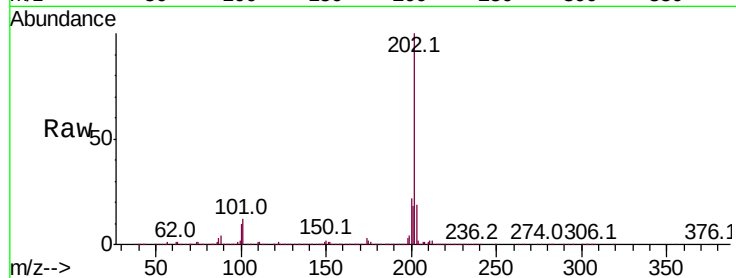




#20
Pvrene
Concen: 20.348 ng/ul
RT: 19.72 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BG046356.D
Acq: 19 Aug 2020 21:27

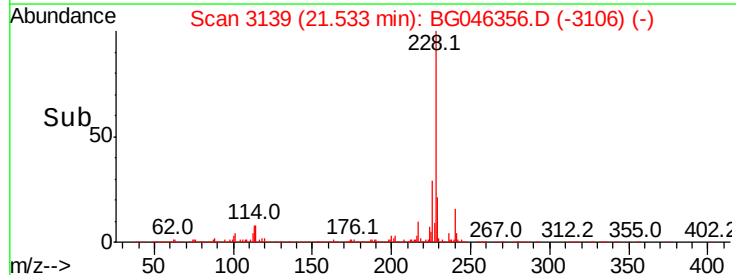
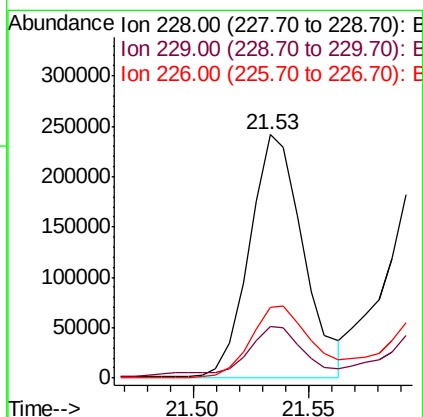
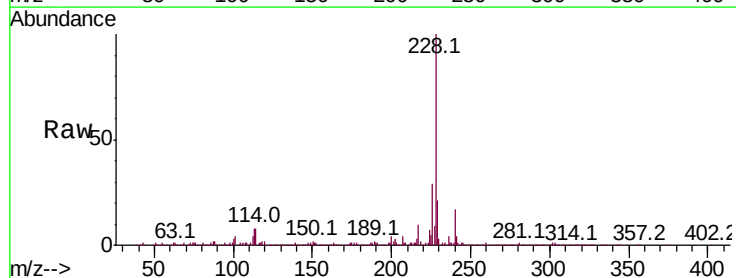
Instrument :
BNA_G
ClientSampleId :
BFME2

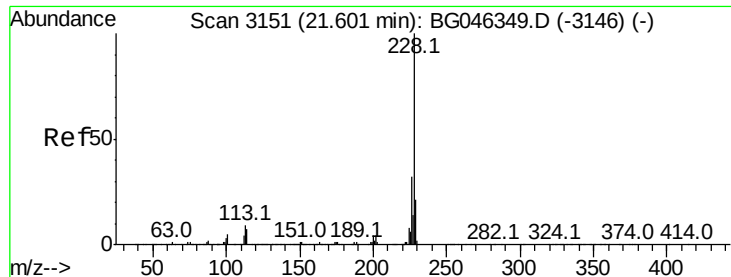
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
100	9.5	7.9	11.9



#21
Benzo(a)anthracene
Concen: 11.609 ng/ul
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046356.D
Acq: 19 Aug 2020 21:27

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.6	25.0
226	29.2	22.6	33.8





#22

Chrysene

Concen: 12.587 ng/ul

RT: 21.60 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

Instrument :

BNA_G

ClientSampleId :

BFME2

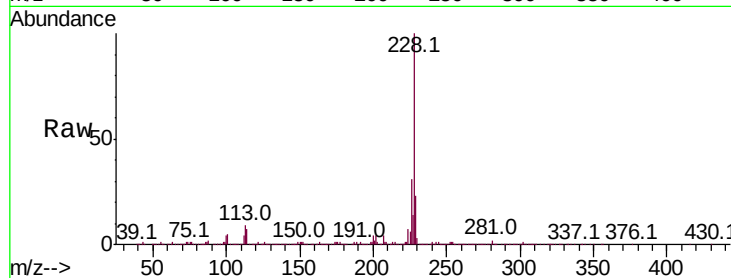
Tot Ion:228 Resp: 409635

Ion Ratio Lower Upper

228 100

226 30.8 25.5 38.3

229 22.9 17.0 25.4

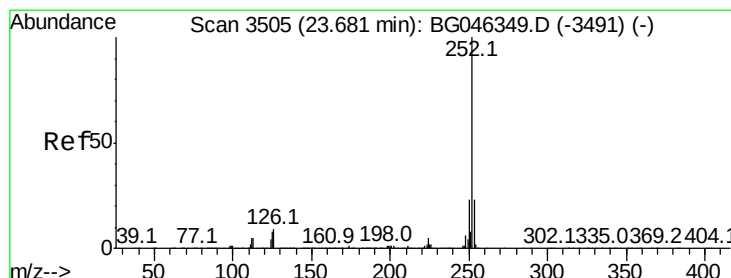
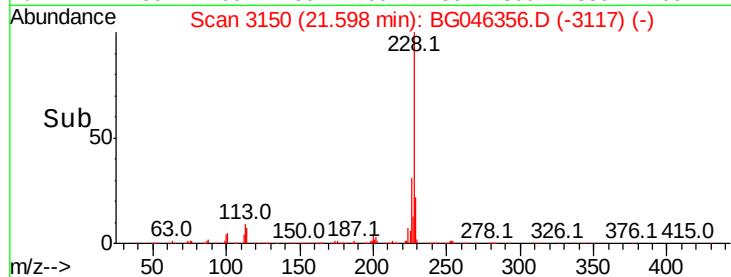
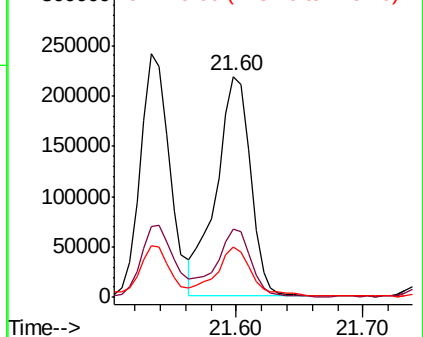


Abundance

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



#24

Benzo(b)fluoranthene

Concen: 15.315 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. 0.00 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

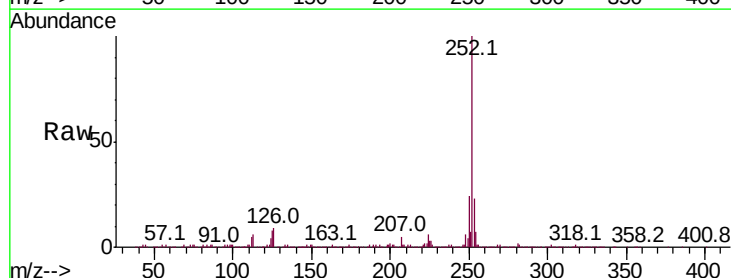
Tgt Ion:252 Resp: 554057

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

125 8.1 6.4 9.6

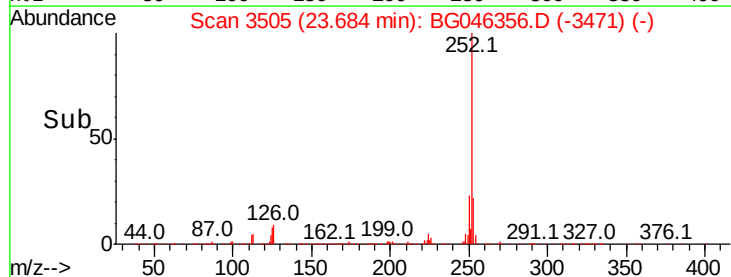
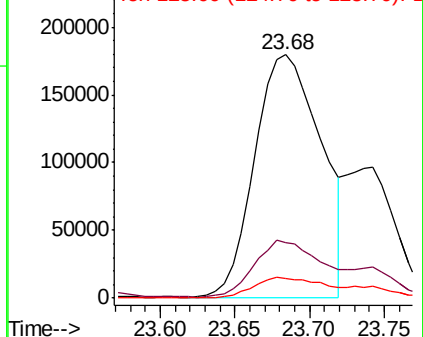


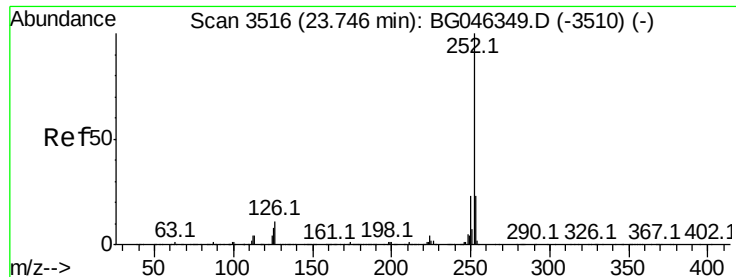
Abundance

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





#25

Benzo(k)fluoranthene

Concen: 15.439 ng/ul

RT: 23.68 min Scan# 3505

Delta R.T. -0.06 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

Instrument :

BNA_G

ClientSampleId :

BFME2

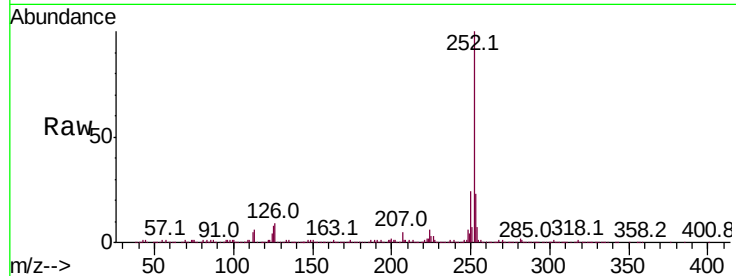
Tot Ion:252 Resp: 554057

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

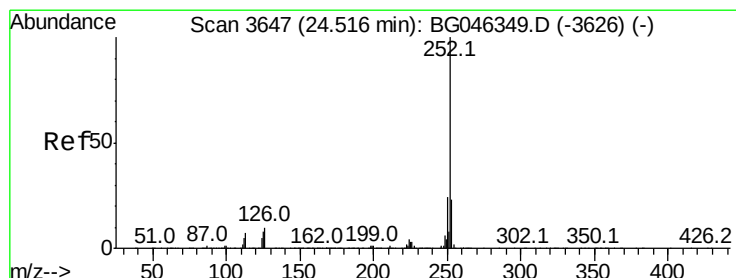
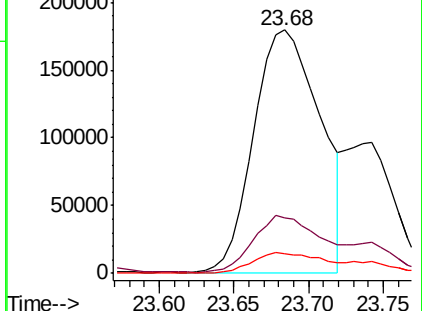
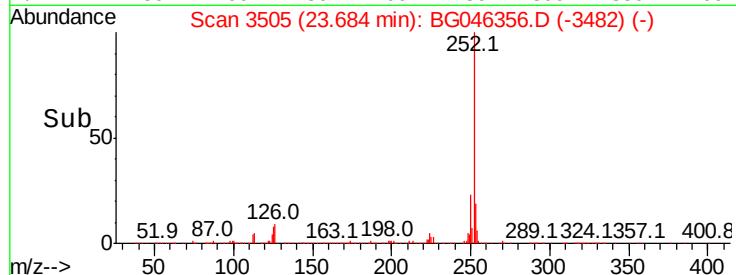
125 8.1 6.2 9.2



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



#27

Benzo(a)pyrene

Concen: 11.773 ng/ul

RT: 24.52 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

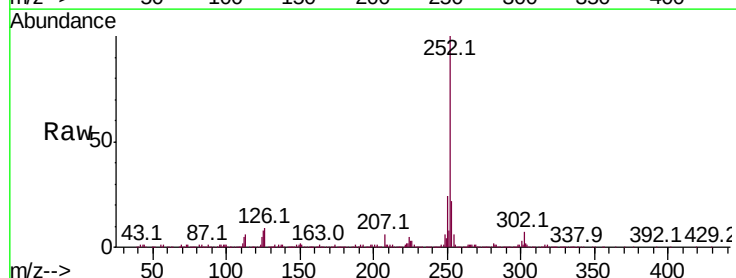
Tgt Ion:252 Resp: 391013

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

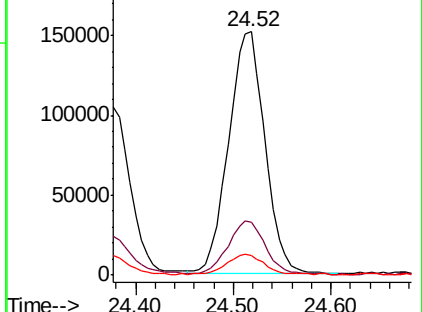
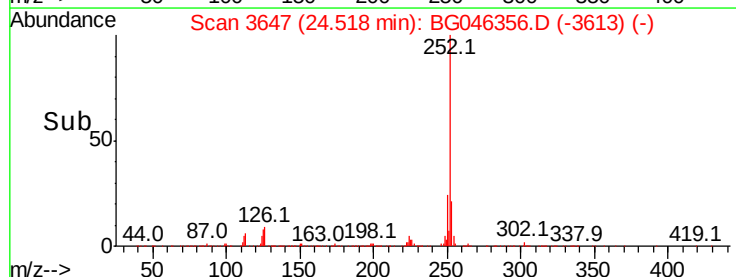
125 8.1 7.1 10.7

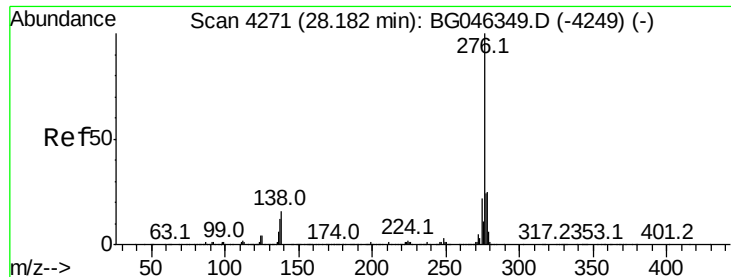


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#28

Indeno(1,2,3-cd)pyrene

Concen: 6.593 ng/ul

RT: 28.17 min Scan# 4269

Delta R.T. -0.01 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

Instrument :

BNA_G

ClientSampleId :

BFME2

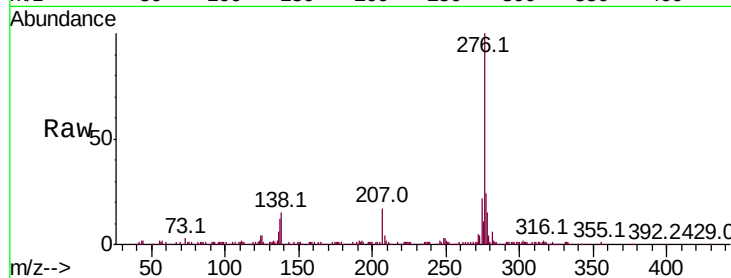
Tot Ion:276 Resp: 274164

Ion Ratio Lower Upper

276 100

138 15.1 13.2 19.8

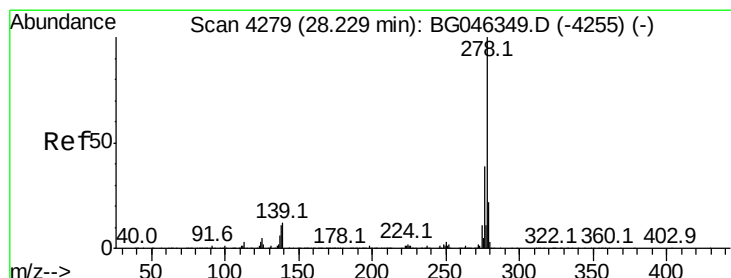
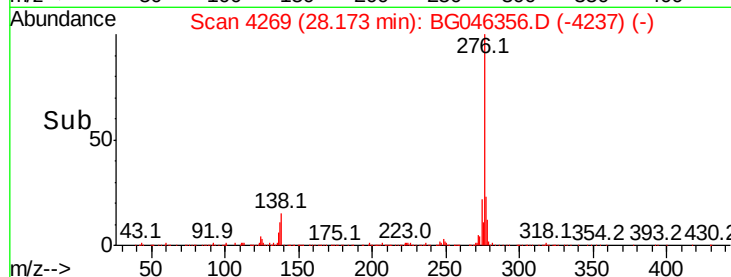
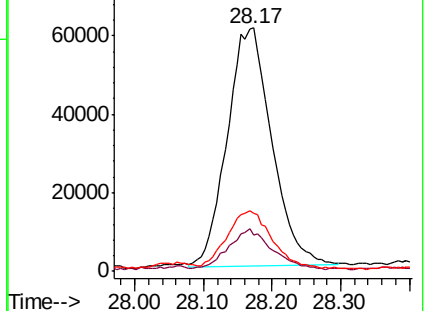
277 24.1 19.9 29.9



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



#29

Dibenzo(a,h)anthracene

Concen: 1.218 ng/ul

RT: 28.20 min Scan# 4274

Delta R.T. -0.03 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

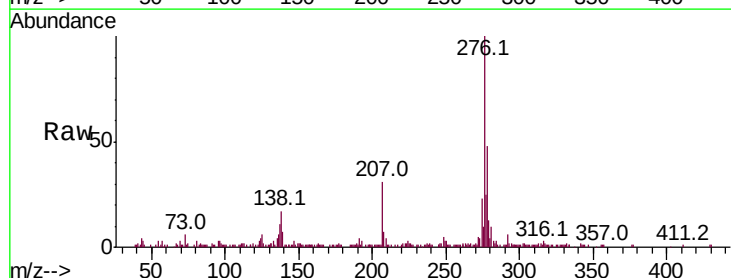
Tgt Ion:278 Resp: 41055

Ion Ratio Lower Upper

278 100

139 14.6 9.8 14.8

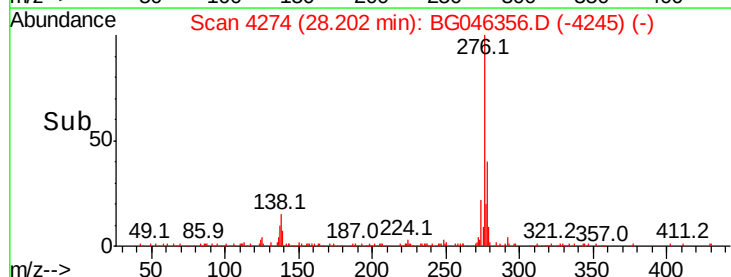
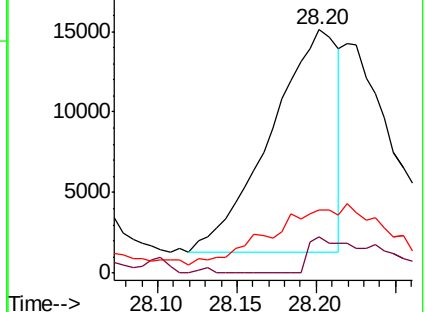
279 25.9 19.7 29.5

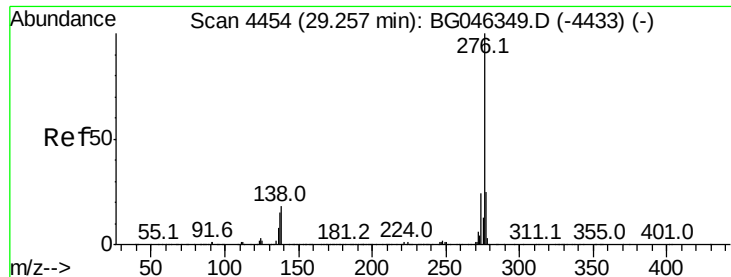


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#30

Benzo(a,h,i)perylene

Concen: 6.348 ng/ul

RT: 29.26 min Scan# 4454

Delta R.T. 0.00 min

Lab File: BG046356.D

Acq: 19 Aug 2020 21:27

Instrument :

BNA_G

ClientSampleId :

BFME2

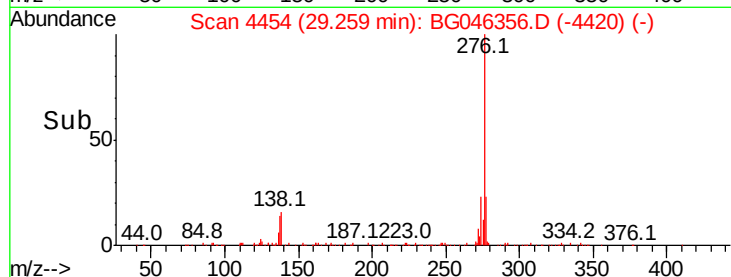
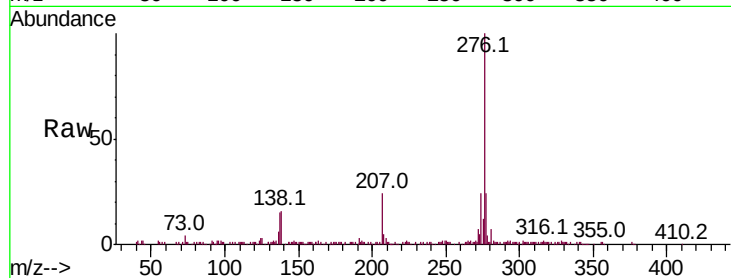
Tot Ion:276 Resp: 220935

Ion Ratio Lower Upper

276 100

138 16.2 12.9 19.3

277 23.9 19.4 29.0



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

