

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020778.D
 Acq On : 07 Jun 2019 00:01
 Operator : HP/JU
 Sample : K3201-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 07 05:49:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 07 05:12:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	274404	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1151738	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	683859	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1506291	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1373119	20.00	ng/ul	-0.01
85) Perylene-d12	23.65	264	1547953	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	40328	7.01	ng/uL	0.00
5) Phenol-d5	6.97	99	763506	36.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	486315	38.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	650518	38.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	637505	37.74	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	322826	41.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	348246	43.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	654897	38.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	828624	40.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	2205011	43.59	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	2593255	40.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	322525	37.15	ng/ul	0.00
57) Fluorene-d10	15.45	176	1786482	41.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	251696	32.68	ng/ul	0.00
70) Anthracene-d10	17.29	188	2761653	41.97	ng/ul	0.00
78) Pyrene-d10	19.59	212	2972128	44.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	3016427	42.87	ng/ul	0.00

Target Compounds

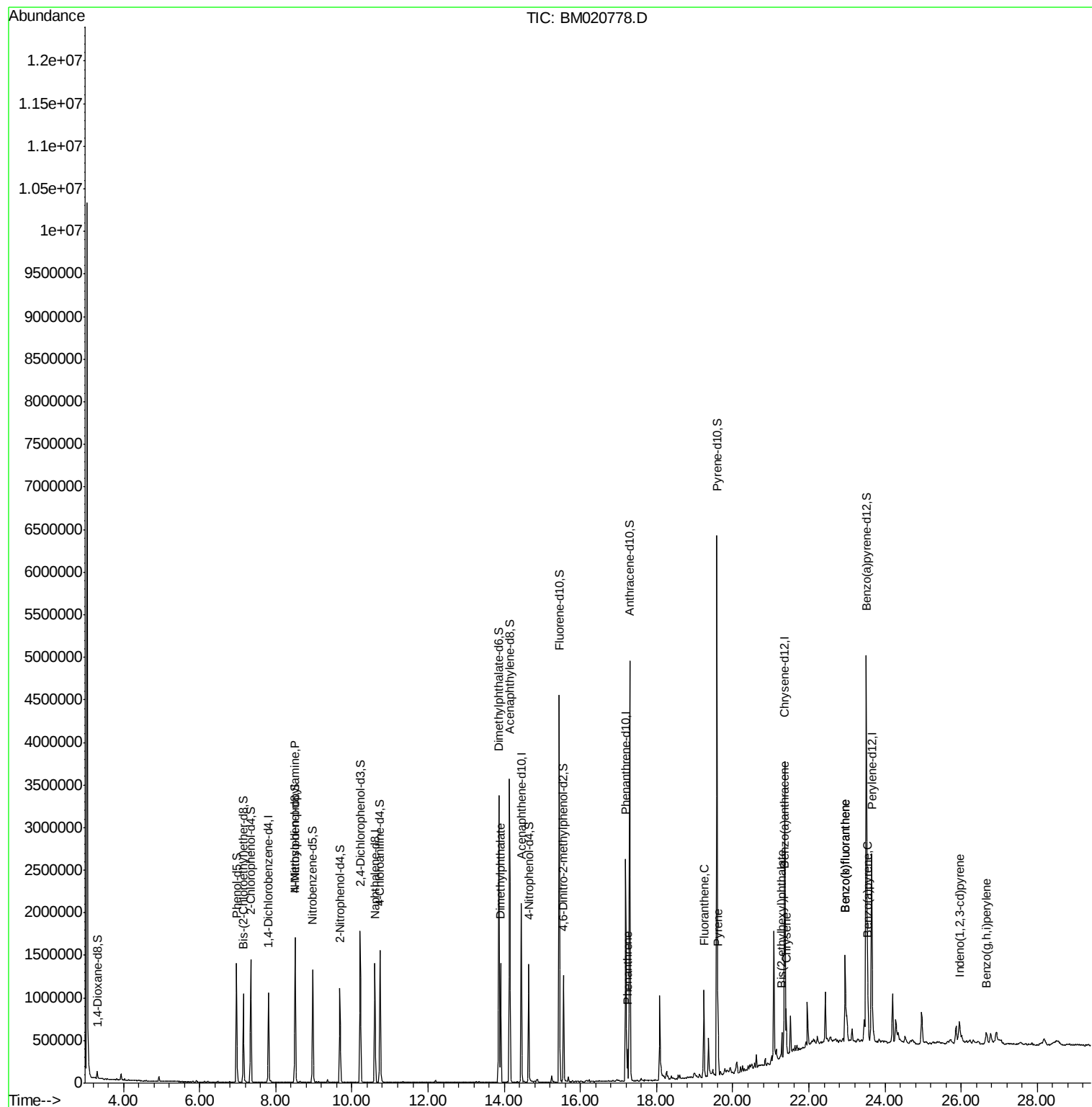
					Ovalue	
15) N-Nitroso-di-n-propylamine	8.51	70	16065	1.169	ng/ul#	1
44) Dimethylphthalate	13.90	163	863157	17.041	ng/ul	99
69) Phenanthrene	17.23	178	212880	2.808	ng/ul	98
76) Fluoranthene	19.25	202	606215	6.978	ng/ul	100
79) Pyrene	19.61	202	501132	5.912	ng/ul	99
82) Benzo(a)anthracene	21.35	228	285819	3.337	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.29	149	97907	1.680	ng/ul	99
84) Chrysene	21.40	228	284981	3.585	ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	441179	4.899	ng/ul#	95
88) Benzo(k)fluoranthene	22.96	252	441179	5.126	ng/ul#	95
90) Benzo(a)pyrene	23.55	252	272864	3.185	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.96	276	220885	2.183	ng/ul#	95
93) Benzo(g,h,i)perylene	26.66	276	169922	2.070	ng/ul	99

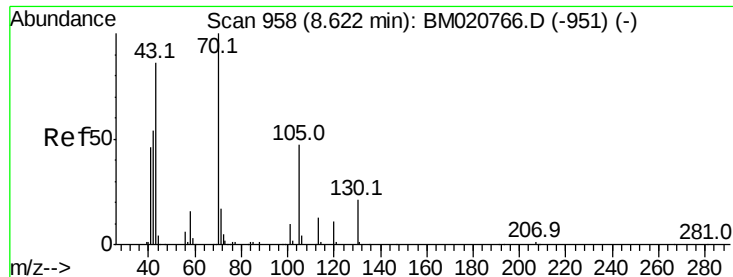
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#15

N-Nitroso-di-n-propylamine

Concen: 1.169 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. -0.11 min

Lab File: BM020778.D

Acq: 07 Jun 2019 00:01

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 16065

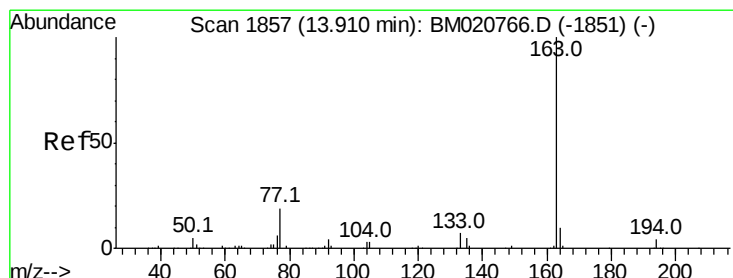
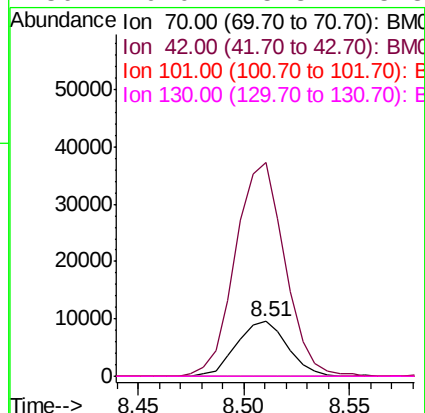
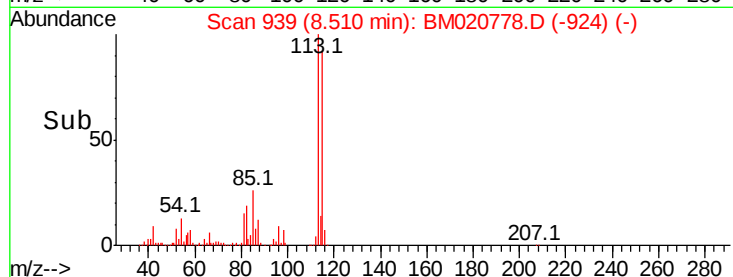
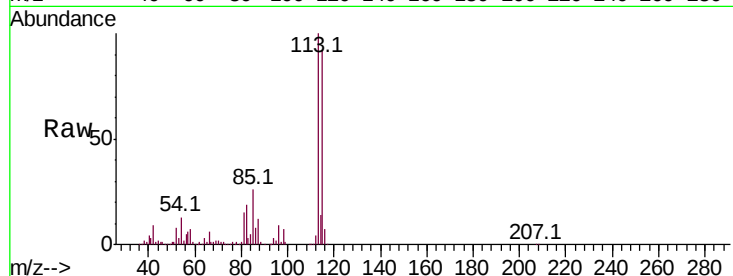
Ion Ratio Lower Upper

70 100

42 392.2 43.6 65.4#

101 0.0 8.2 12.2#

130 0.0 15.8 23.8#



#44

Dimethylphthalate

Concen: 17.041 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020778.D

Acq: 07 Jun 2019 00:01

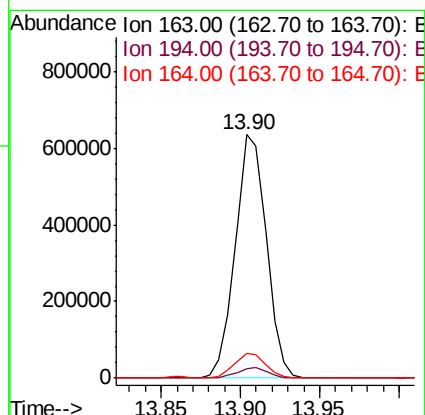
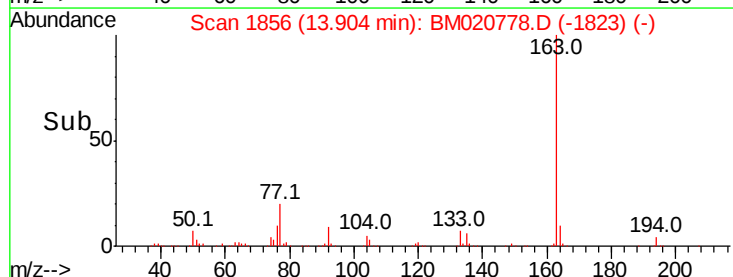
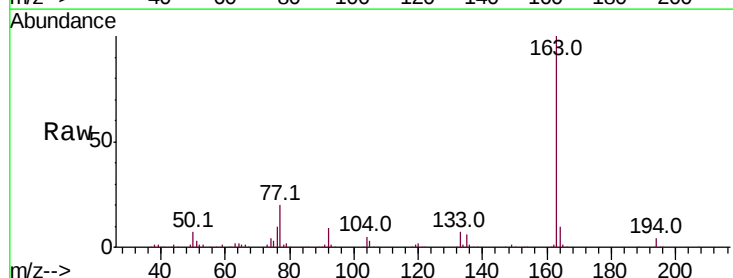
Tgt Ion:163 Resp: 863157

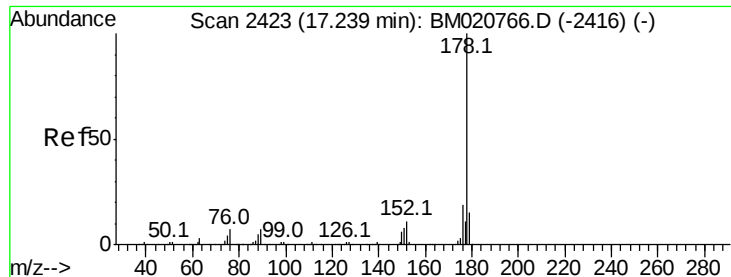
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 8.0 12.0





#69

Phenanthrene

Concen: 2.808 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020778.D

Acq: 07 Jun 2019 00:01

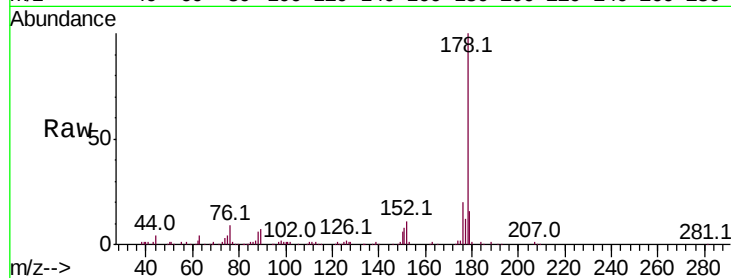
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 212880

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	19.7	14.8	22.2

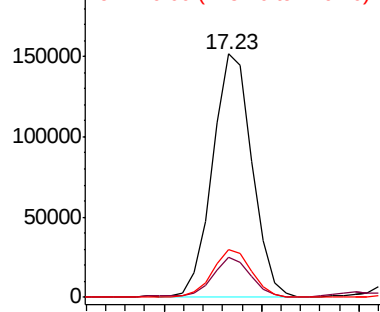


Abundance

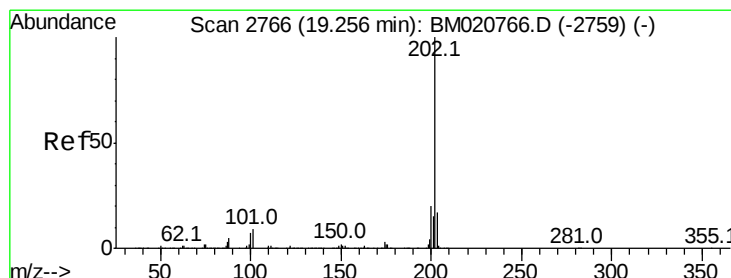
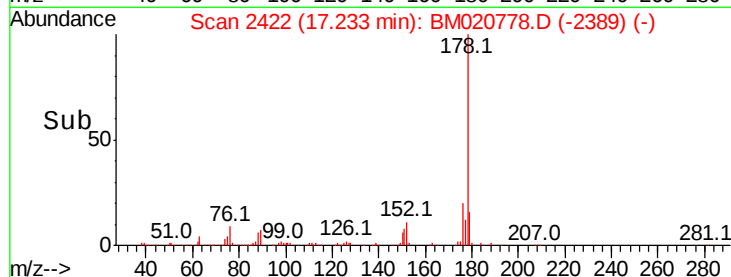
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#76

Fluoranthene

Concen: 6.978 ng/ul

RT: 19.25 min Scan# 2765

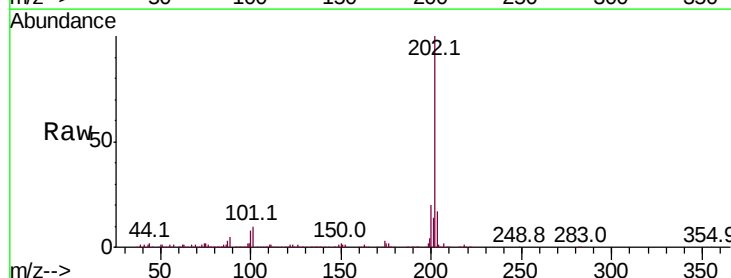
Delta R.T. -0.01 min

Lab File: BM020778.D

Acq: 07 Jun 2019 00:01

Tgt Ion:202 Resp: 606215

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.9	11.9
100	7.7	6.2	9.4

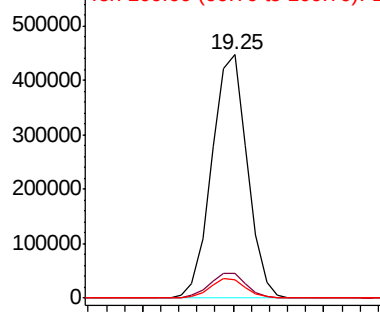


Abundance

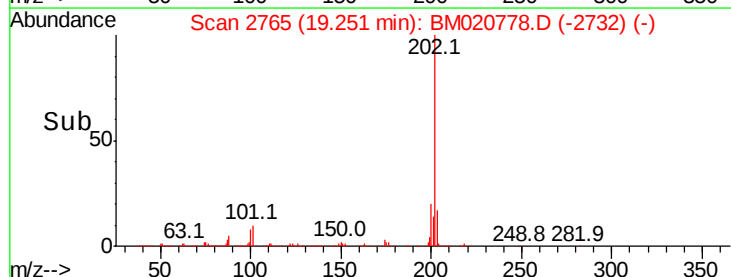
Ion 202.00 (201.70 to 202.70): E

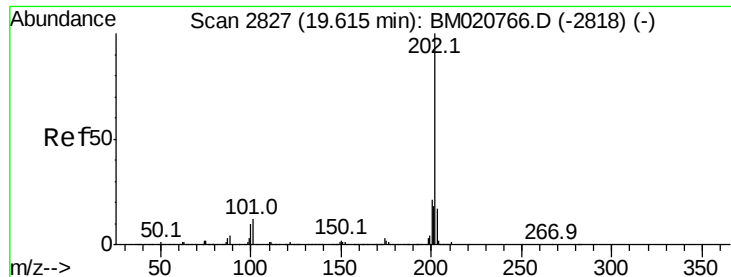
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->

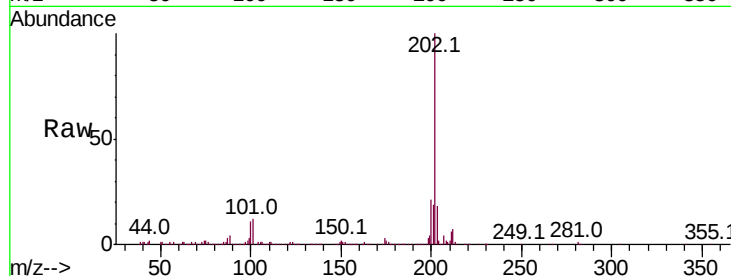




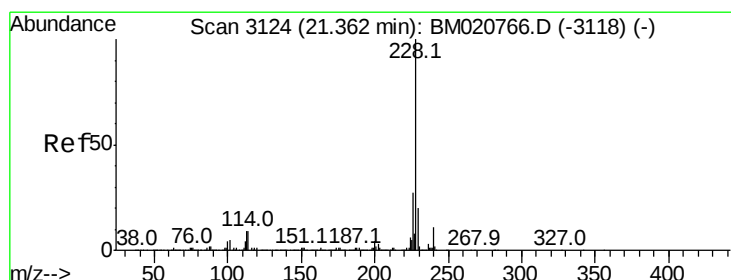
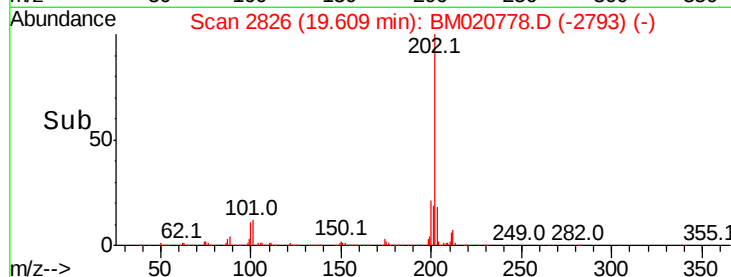
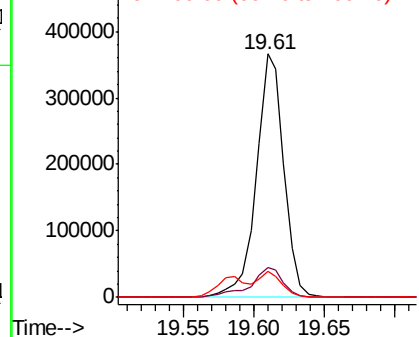
#79
Pvrene
Concen: 5.912 ng/ul
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM020778.D
Acq: 07 Jun 2019 00:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.6
100	10.5	8.0	12.0

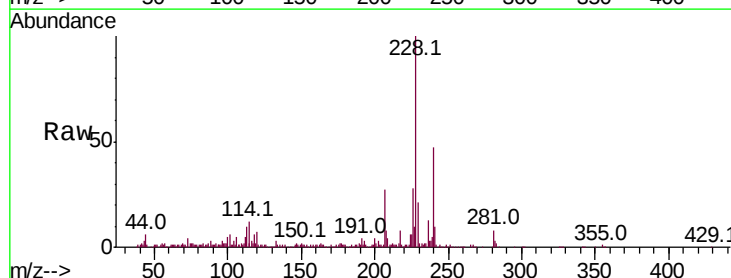


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

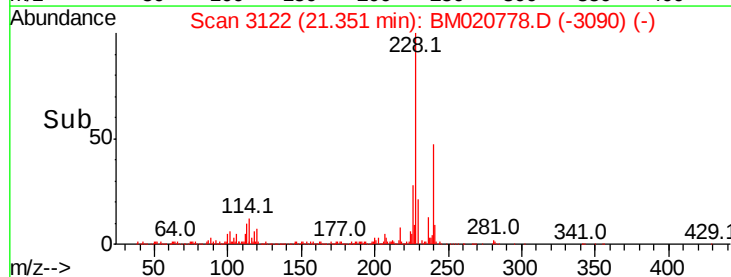
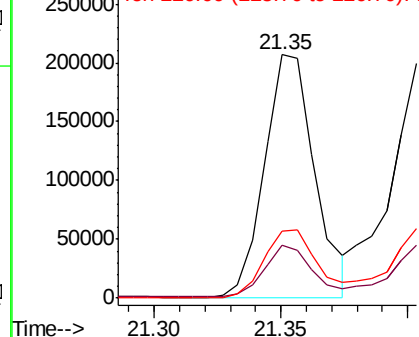


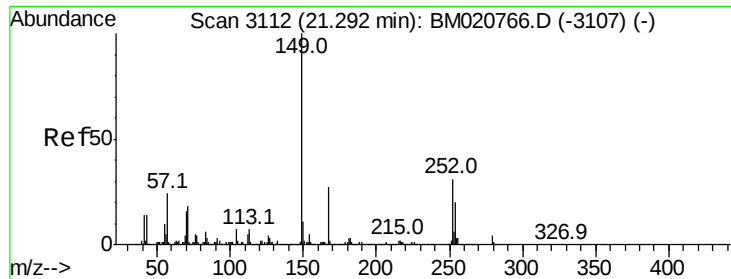
#82
Benzo(a)anthracene
Concen: 3.337 ng/ul
RT: 21.35 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BM020778.D
Acq: 07 Jun 2019 00:01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	27.7	21.4	32.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.680 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM020778.D

Acq: 07 Jun 2019 00:01

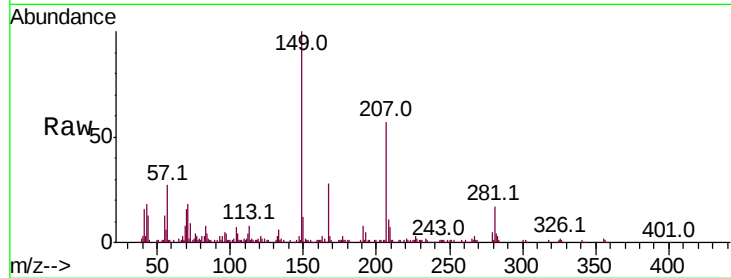
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 97907

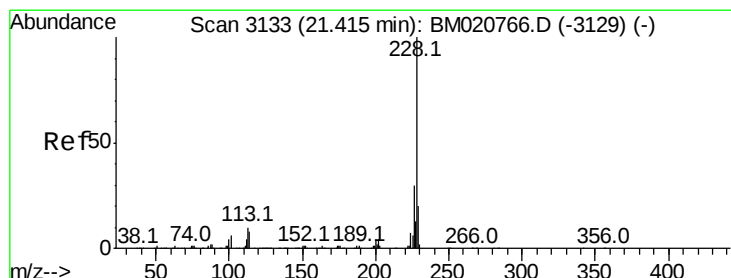
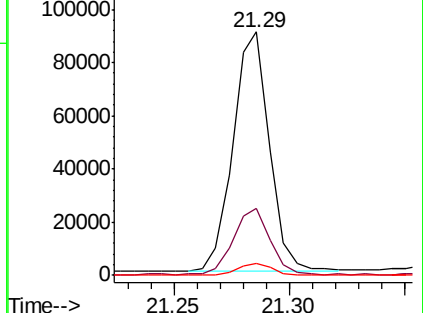
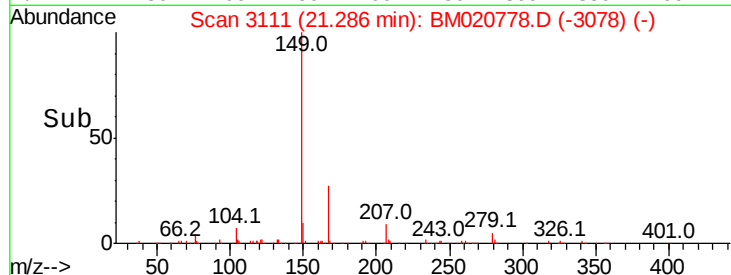
Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.9	32.9
279	4.8	4.1	6.1



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



#84

Chrysene

Concen: 3.585 ng/ul

RT: 21.40 min Scan# 3131

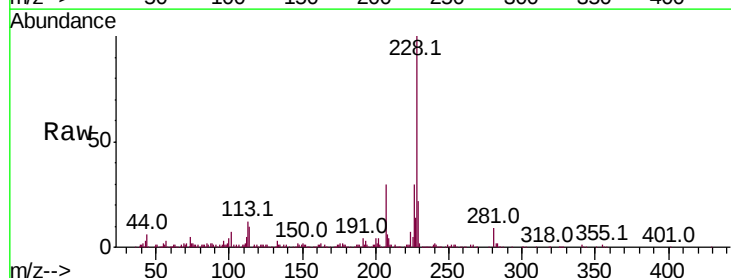
Delta R.T. -0.01 min

Lab File: BM020778.D

Acq: 07 Jun 2019 00:01

Tgt Ion:228 Resp: 284981

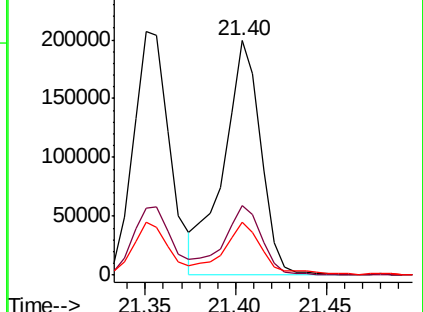
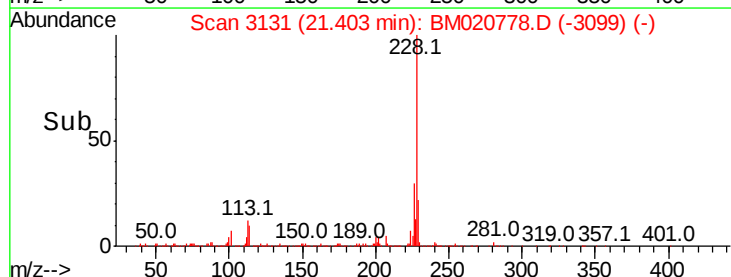
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.4	36.6
229	22.4	16.2	24.2

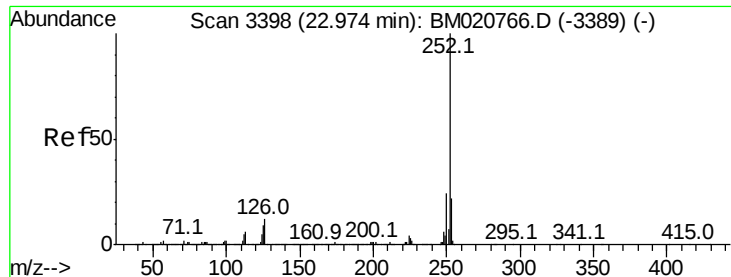


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

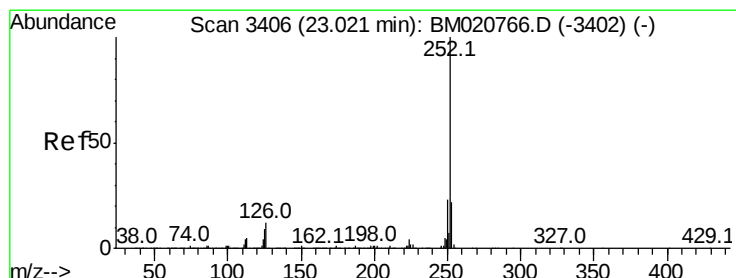
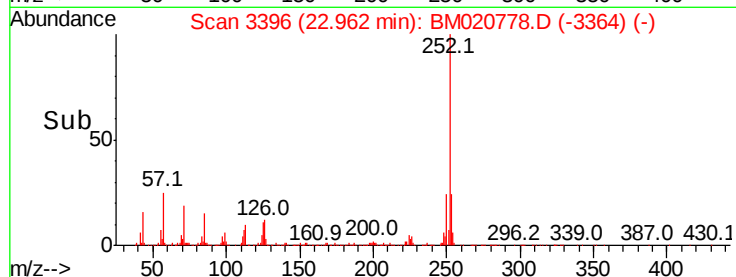
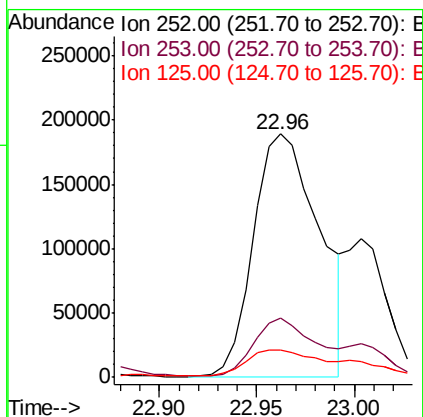
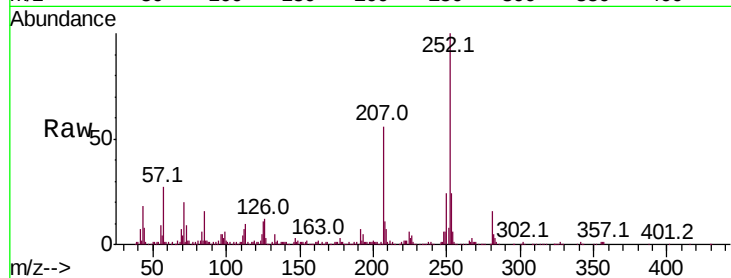




#87
Benzo(b)fluoranthene
Concen: 4.899 ng/ul
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM020778.D
Acq: 07 Jun 2019 00:01

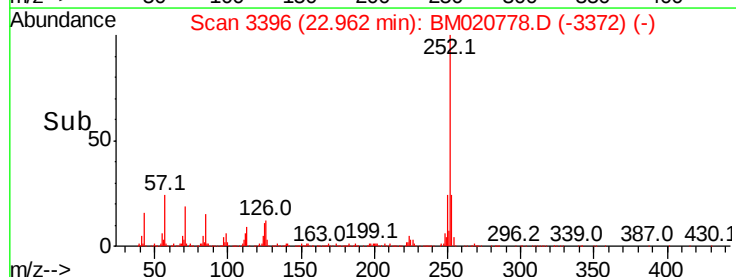
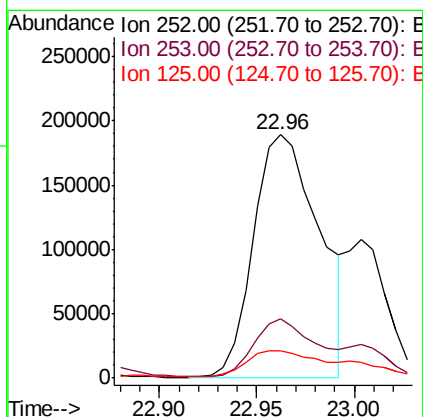
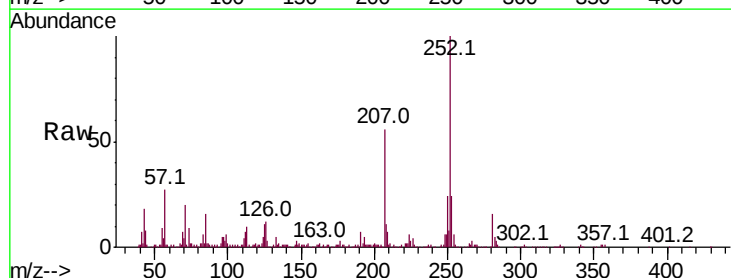
Instrument :
BNA_M
ClientSampleId :

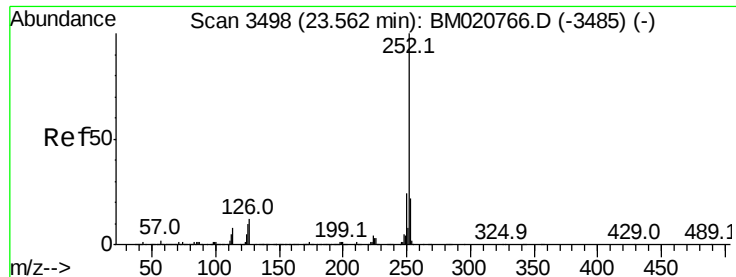
Tot Ion:252 Resp: 441179
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 11.3 7.3 10.9#



#88
Benzo(k)fluoranthene
Concen: 5.126 ng/ul
RT: 22.96 min Scan# 3396
Delta R.T. -0.06 min
Lab File: BM020778.D
Acq: 07 Jun 2019 00:01

Tgt Ion:252 Resp: 441179
Ion Ratio Lower Upper
252 100
253 24.1 17.6 26.4
125 11.3 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 3.185 ng/ul

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020778.D

Acq: 07 Jun 2019 00:01

Instrument :

BNA_M

ClientSampleId :

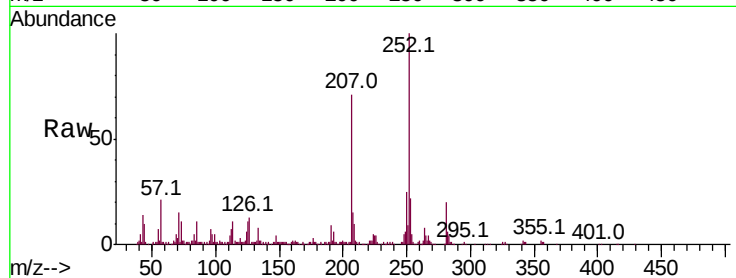
Tot Ion:252 Resp: 272864

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

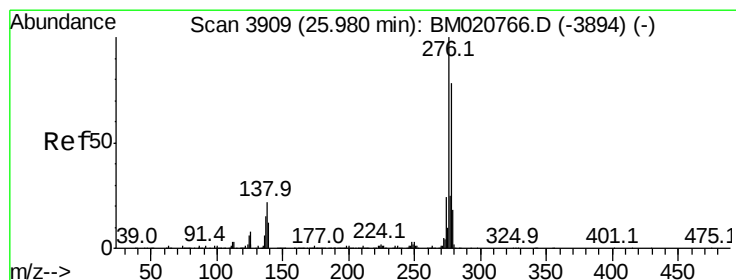
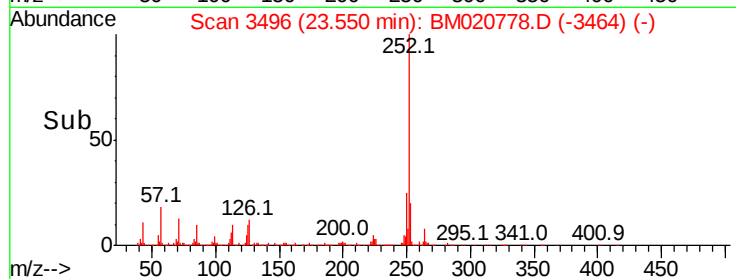
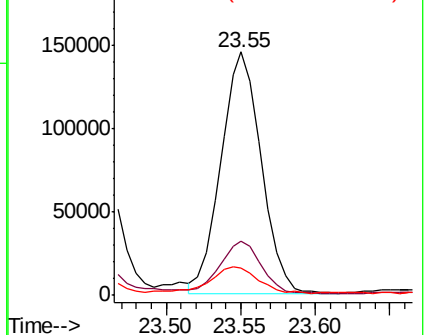
125 11.1 8.2 12.4



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.183 ng/ul

RT: 25.96 min Scan# 3905

Delta R.T. -0.02 min

Lab File: BM020778.D

Acq: 07 Jun 2019 00:01

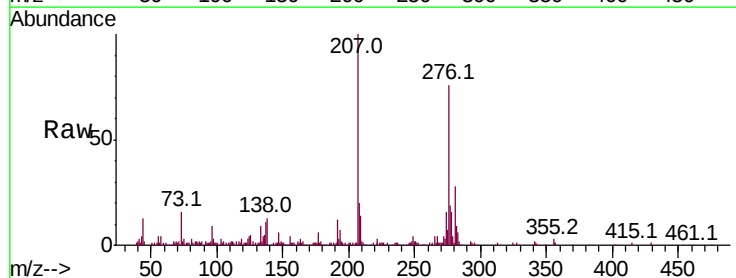
Tgt Ion:276 Resp: 220885

Ion Ratio Lower Upper

276 100

138 17.6 17.8 26.8#

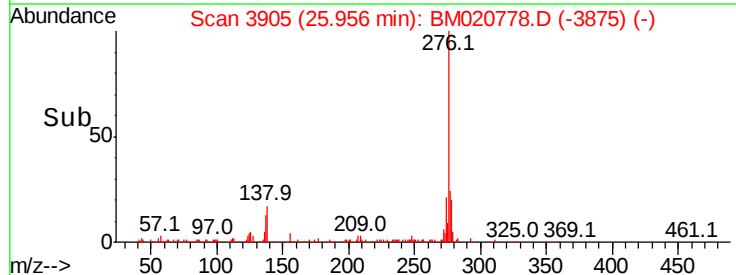
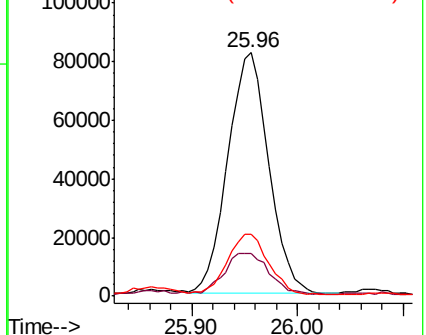
277 25.5 20.0 30.0

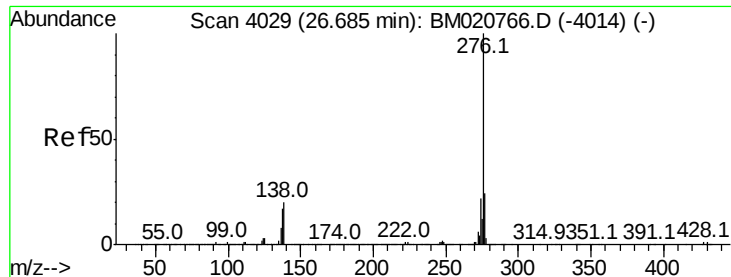


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 2.070 ng/ul

RT: 26.66 min Scan# 4024

Delta R.T. -0.03 min

Lab File: BM020778.D

Acq: 07 Jun 2019 00:01

Instrument :

BNA_M

ClientSampleId :

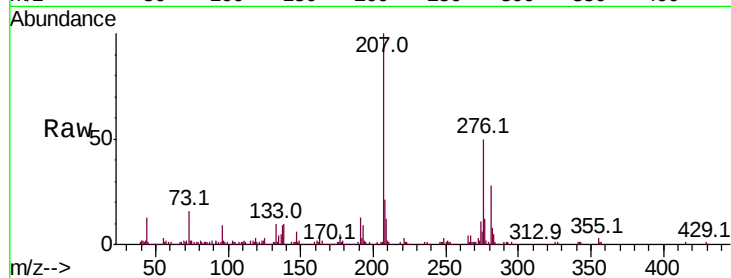
Tot Ion:276 Resp: 169922

Ion Ratio Lower Upper

276 100

138 19.7 16.6 25.0

277 24.4 19.6 29.4



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

