

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
 Data File : BM013138.D
 Acq On : 28 Nov 2017 16:10
 Operator : SJ/JU
 Sample : I6556-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0GC1

Quant Time: Nov 29 04:08:45 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 29 03:43:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	183998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	801428	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	484941	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1170971	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1168445	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	882455	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	14562	3.67	ng/uL	0.00
5) Phenol-d5	6.89	99	305777	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	203536	22.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	259644	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	238099	18.24	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	145904	25.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	150344	27.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	286283	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	308099	21.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1091707	25.66	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1241204	22.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	132437	20.53	ng/ul	0.00
57) Fluorene-d10	15.34	176	911543	25.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	152275	29.99	ng/ul	0.00
70) Anthracene-d10	17.19	188	1501729	25.05	ng/ul	0.00
76) Pyrene-d10	19.49	212	1655494	27.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1171008	26.17	ng/ul	0.00

Target Compounds

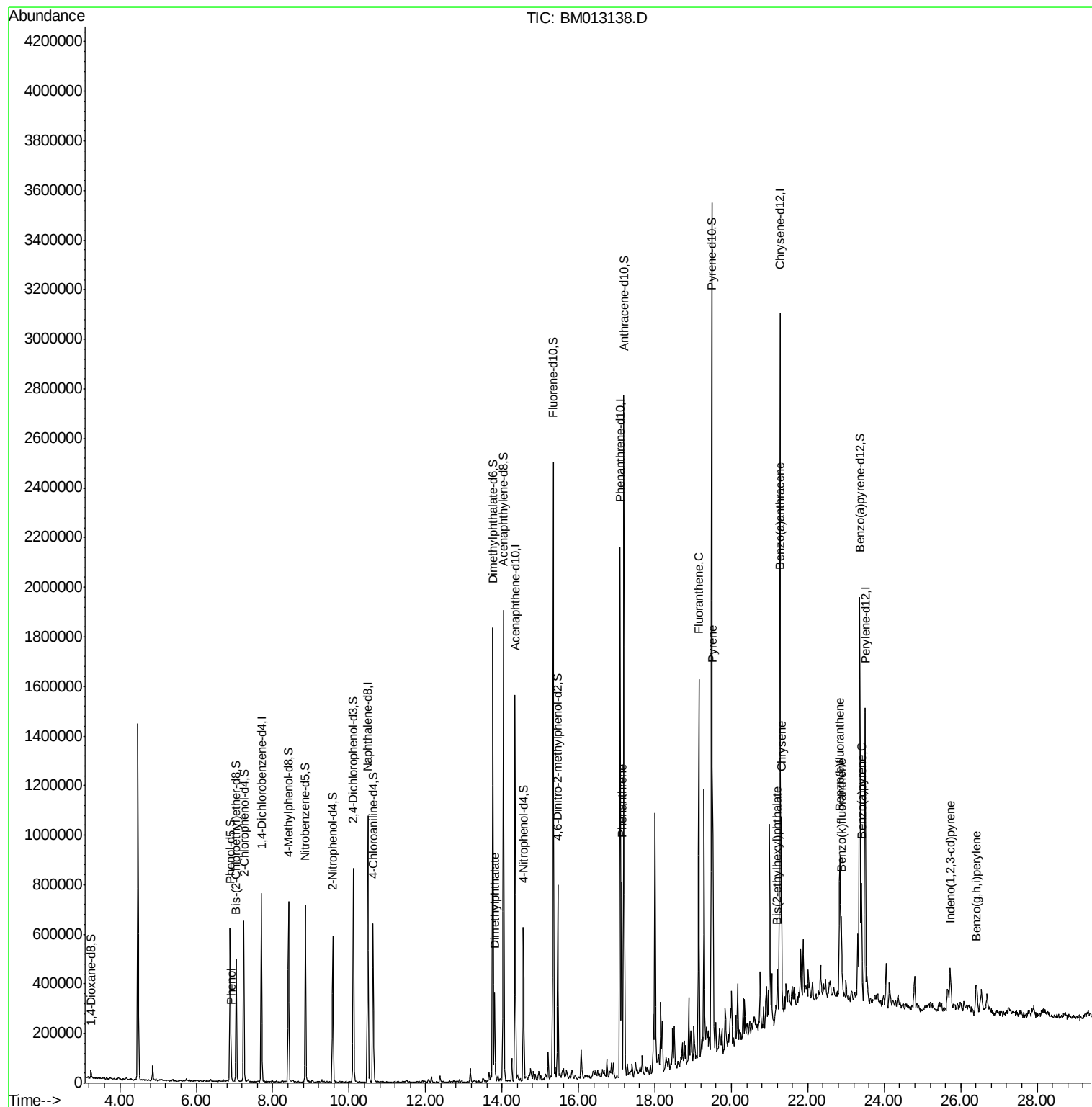
					Ovalue	
6) Phenol	6.92	94	41521	2.639	ng/ul#	78
44) Dimethylphthalate	13.80	163	201976	4.966	ng/ul	97
69) Phenanthrene	17.13	178	447029	6.787	ng/ul	98
74) Fluoranthene	19.15	202	860170	10.805	ng/ul#	95
77) Pyrene	19.52	202	834932	11.476	ng/ul#	96
80) Benzo(a)anthracene	21.26	228	370499	4.954	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.20	149	67246	1.509	ng/ul	98
82) Chrysene	21.31	228	442590	6.382	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	408530	7.164	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	133570	2.544	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	255128	4.804	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.73	276	160199	2.582	ng/ul	99
91) Benzo(g,h,i)perylene	26.41	276	139262	2.702	ng/ul	98

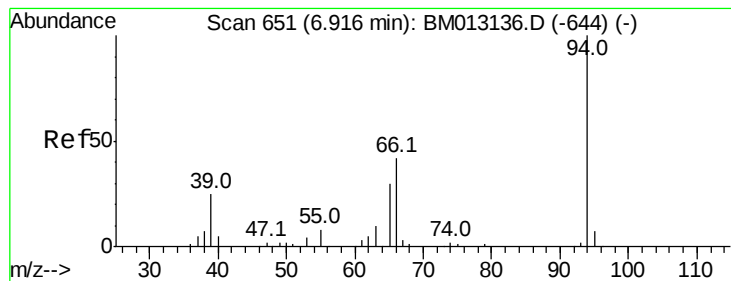
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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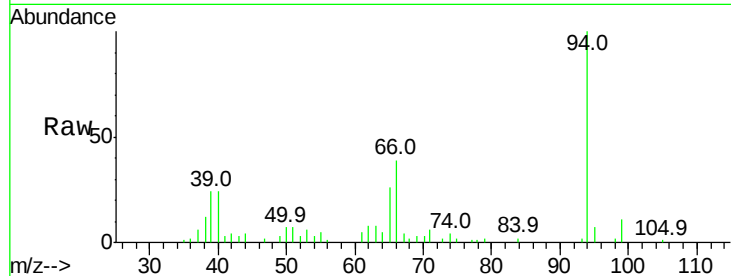
#6

Phenol

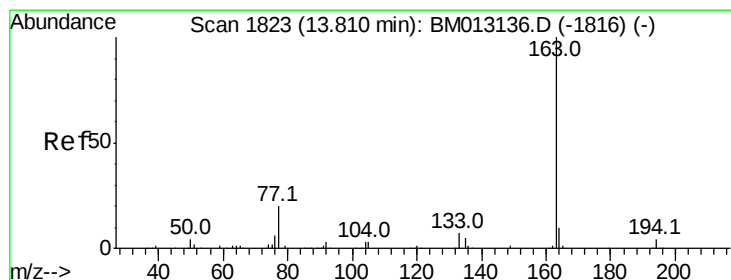
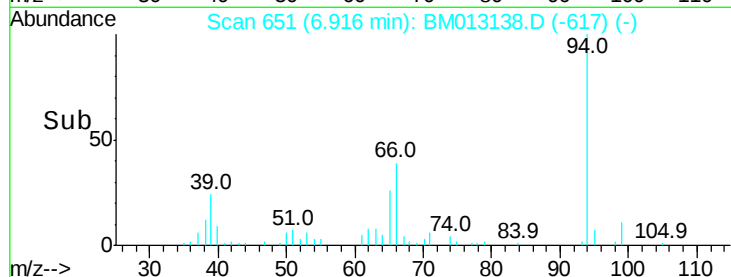
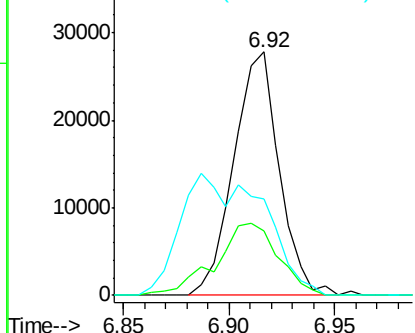
Concen: 2.639 ng/ul
 RT: 6.92 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BM013138.D
 Acq: 28 Nov 2017 16:10

Instrument :
 BNA_M
 ClientSampleId :
 B0GC1

Tot Ion: 94 Resp: 41521
 Ion Ratio Lower Upper
 94 100
 65 26.4 28.2 42.4#
 66 39.5 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM0
 Ion 65.00 (64.70 to 65.70): BM0
 Ion 66.00 (65.70 to 66.70): BM0

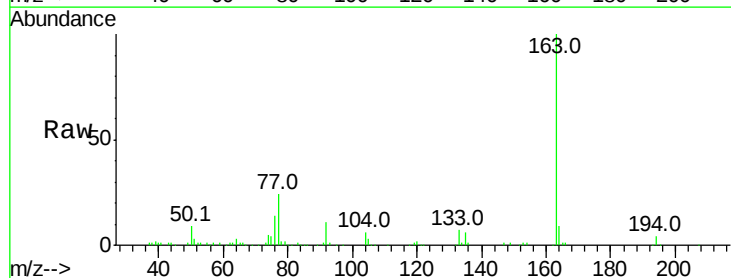


#44

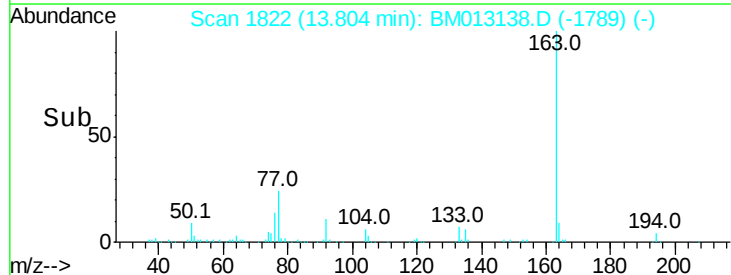
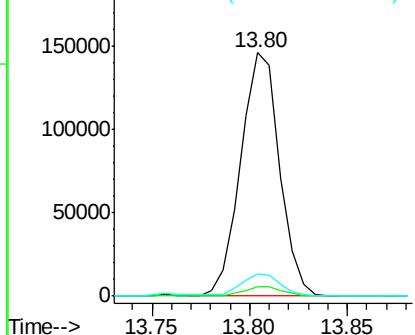
Dimethylphthalate

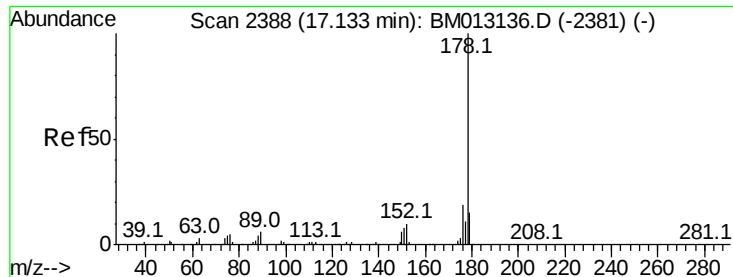
Concen: 4.966 ng/ul
 RT: 13.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BM013138.D
 Acq: 28 Nov 2017 16:10

Tgt Ion: 163 Resp: 201976
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.5 5.3
 164 9.1 8.2 12.4



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





#69

Phenanthrene

Concen: 6.787 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampleId :

B0GC1

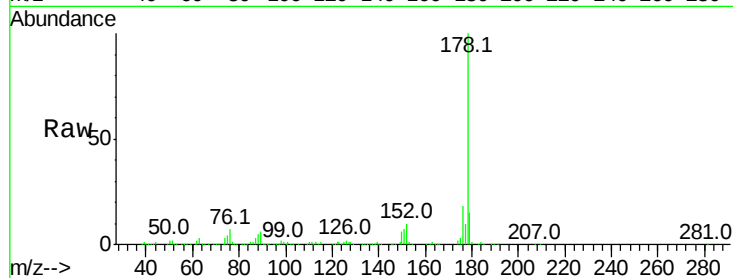
Tot Ion:178 Resp: 447029

Ion Ratio Lower Upper

178 100

179 14.7 12.6 19.0

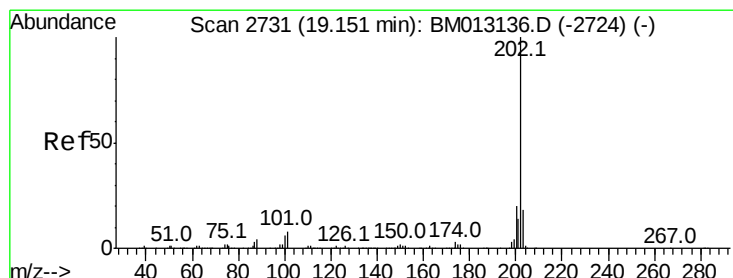
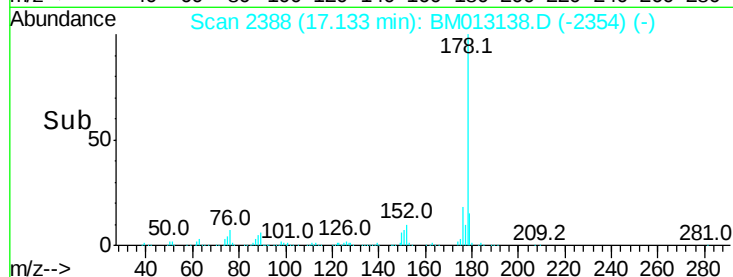
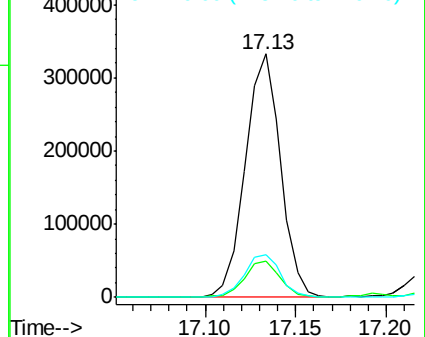
176 17.8 14.9 22.3



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



#74

Fluoranthene

Concen: 10.805 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

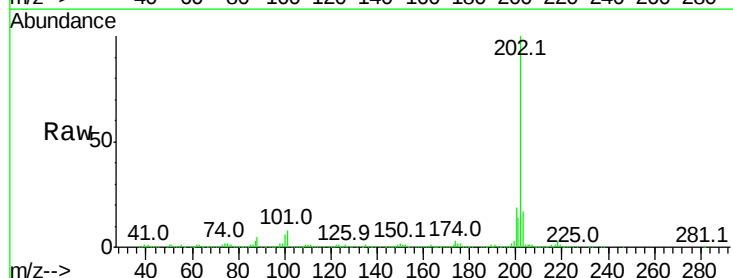
Tgt Ion:202 Resp: 860170

Ion Ratio Lower Upper

202 100

101 7.8 4.6 7.0#

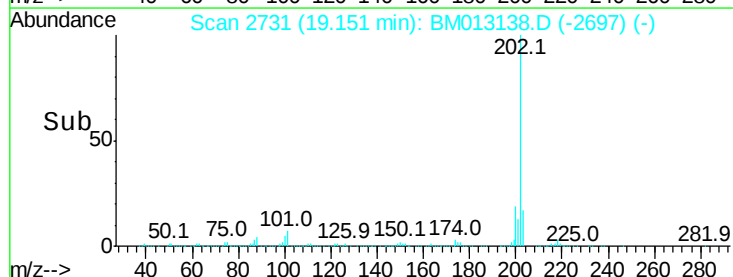
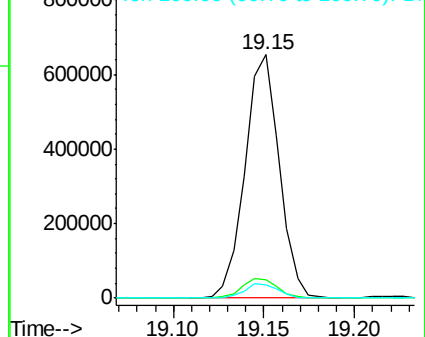
100 5.6 3.4 5.2#

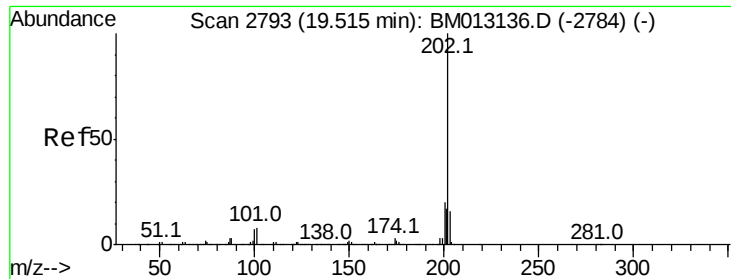


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 11.476 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampleId :

B0GC1

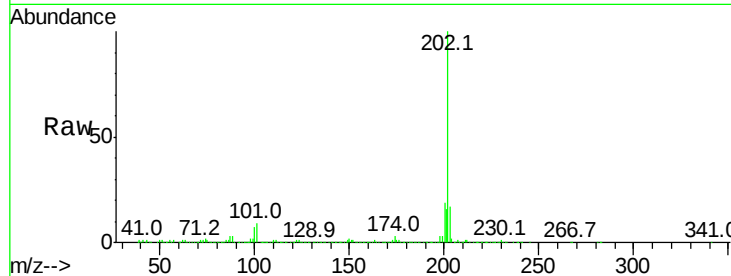
Tot Ion:202 Resp: 834932

Ion Ratio Lower Upper

202 100

101 8.7 5.1 7.7#

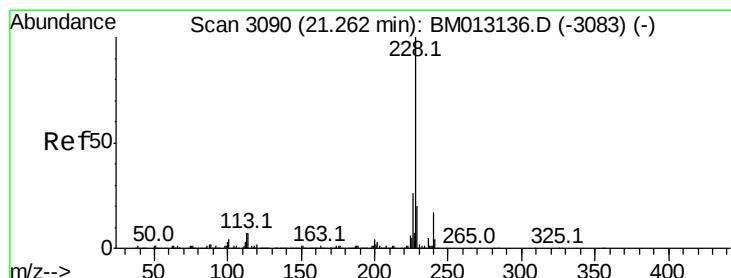
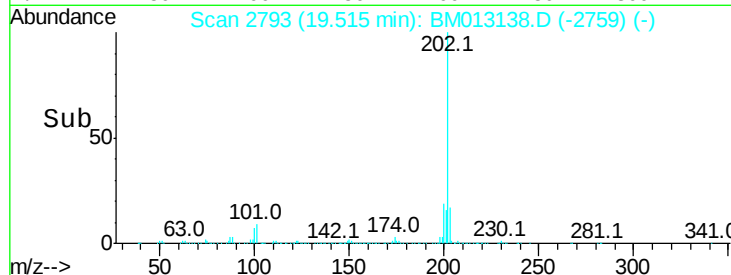
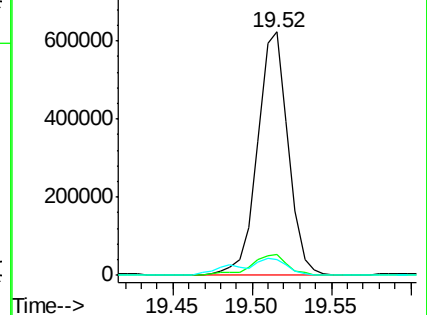
100 6.7 4.9 7.3



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

Benzo(a)anthracene

Concen: 4.954 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

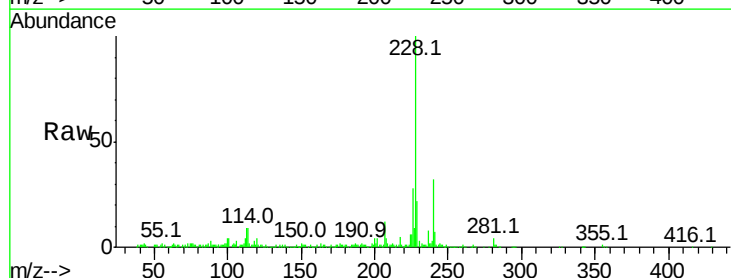
Tgt Ion:228 Resp: 370499

Ion Ratio Lower Upper

228 100

229 22.4 15.4 23.0

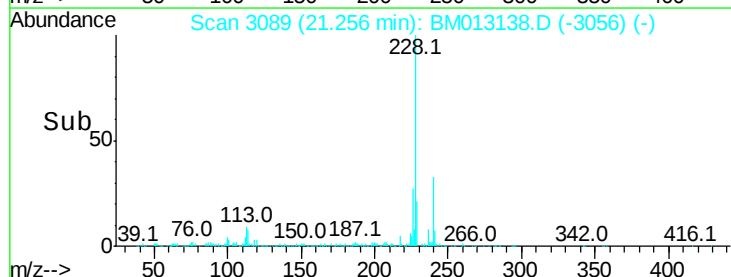
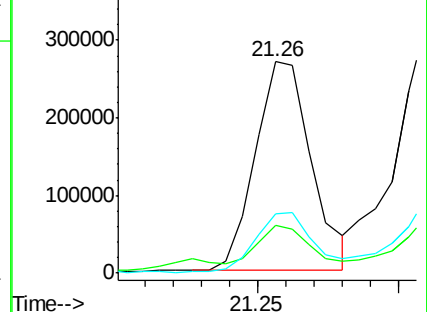
226 27.9 21.4 32.0

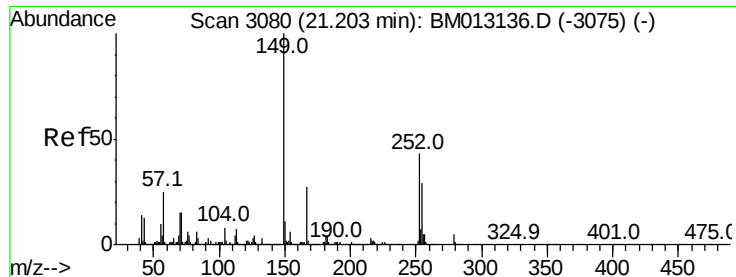


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.509 ng/ul

RT: 21.20 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

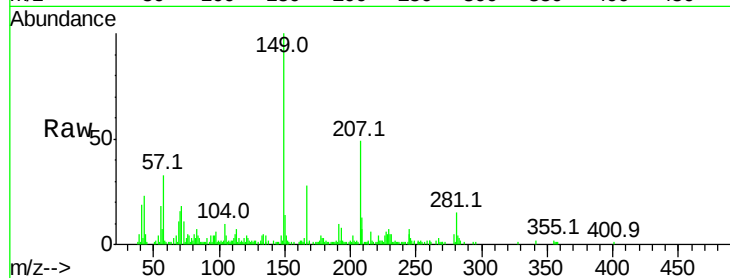
BNA_M

ClientSampleId :

B0GC1

Tot Ion:149 Resp: 67246

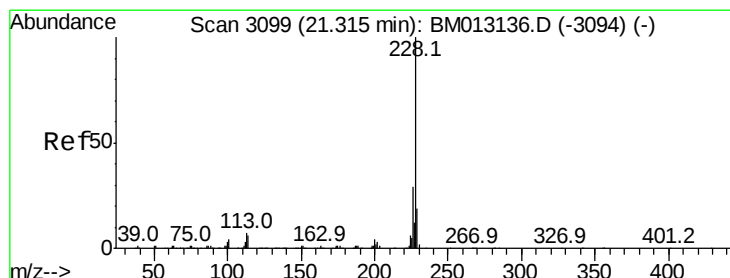
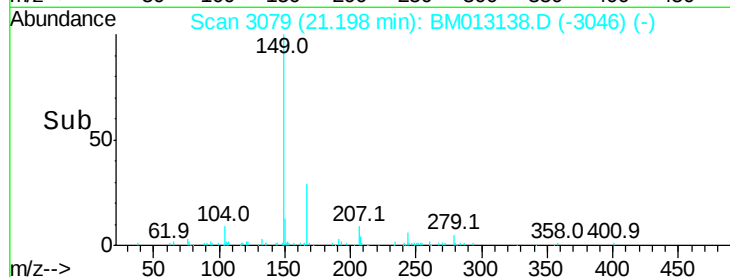
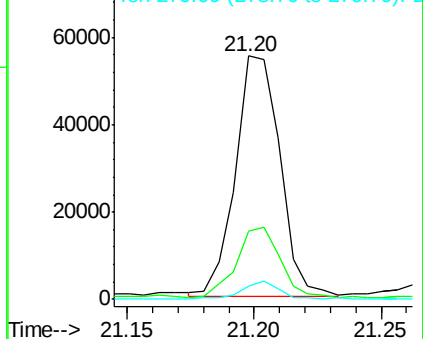
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	5.3	4.9	7.3



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



#82

Chrysene

Concen: 6.382 ng/ul

RT: 21.31 min Scan# 3098

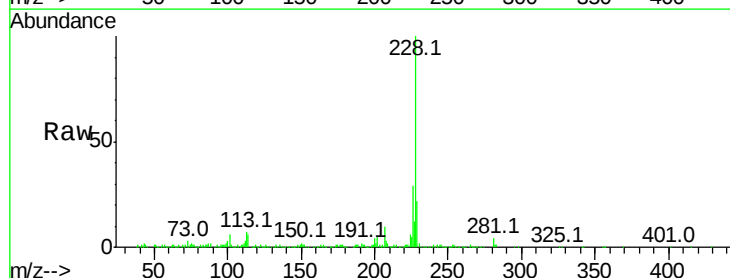
Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Tgt Ion:228 Resp: 442590

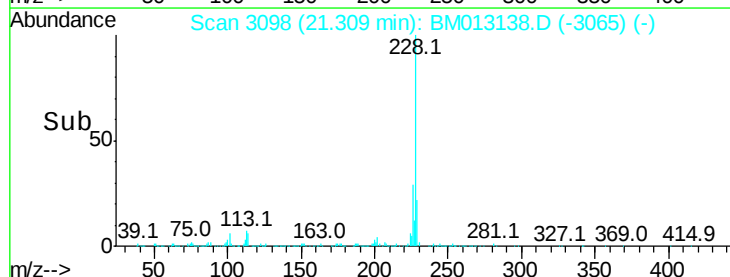
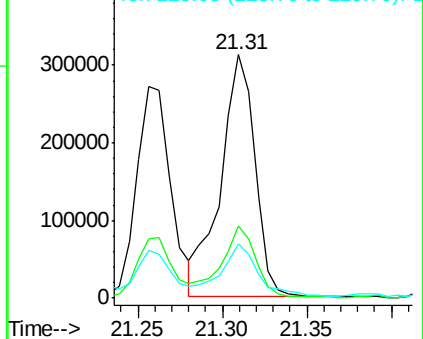
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	22.5	15.5	23.3

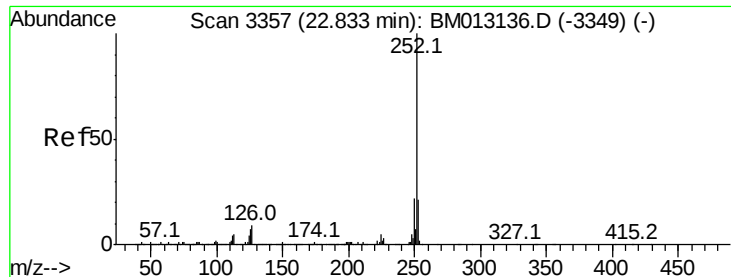


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 7.164 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. 0.00 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampled :

B0GC1

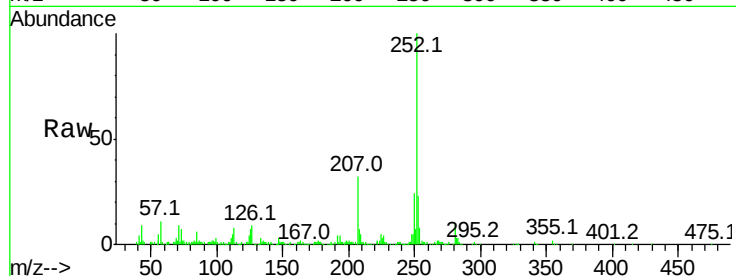
Tot Ion:252 Resp: 408530

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

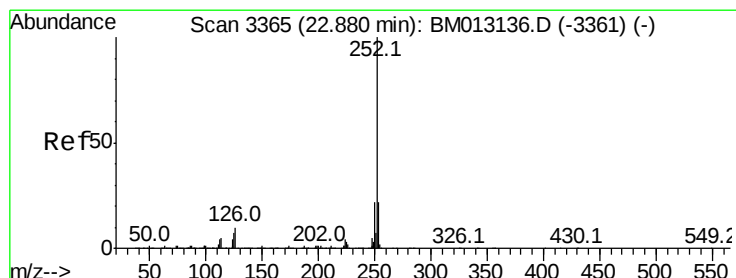
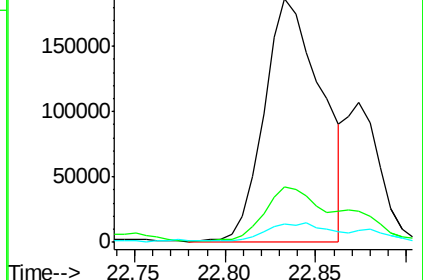
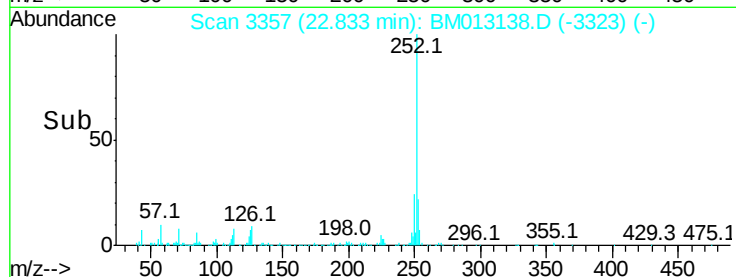
125 7.3 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 2.544 ng/ul

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

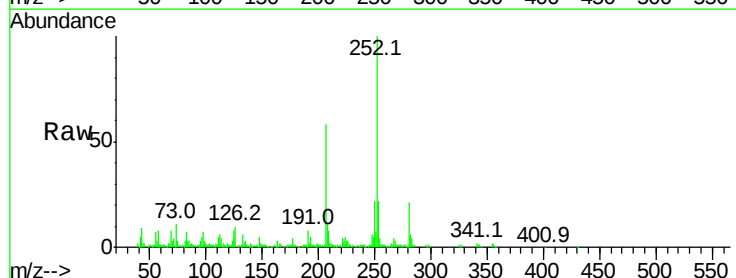
Tgt Ion:252 Resp: 133570

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

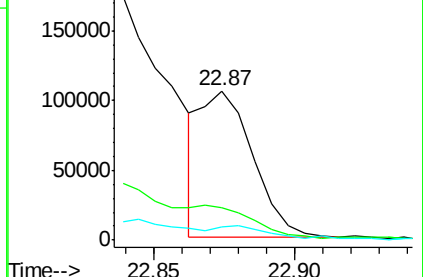
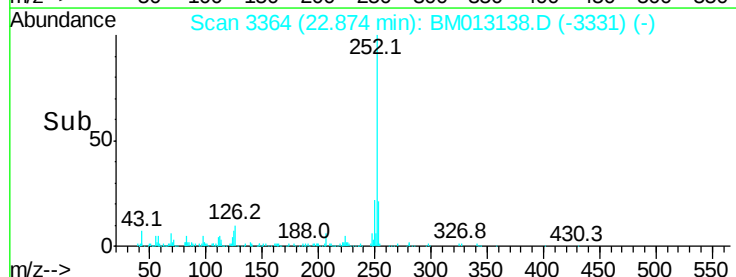
125 8.4 3.4 5.2#

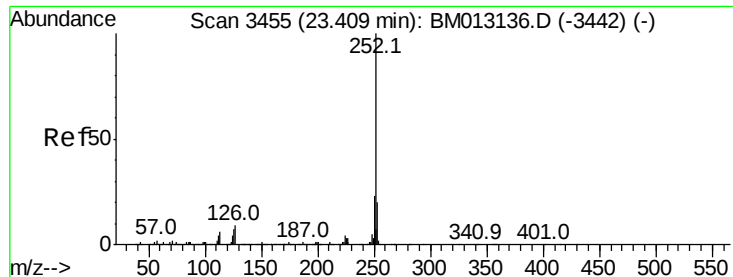


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 4.804 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampleId :

B0GC1

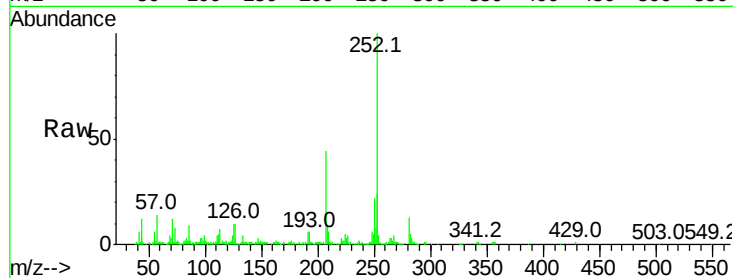
Tot Ion:252 Resp: 255128

Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.2

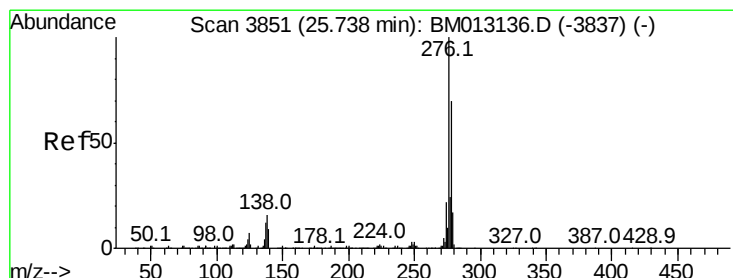
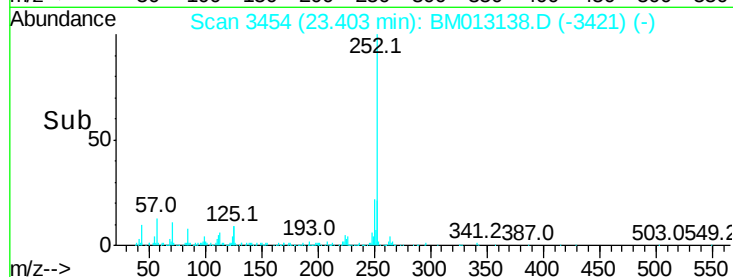
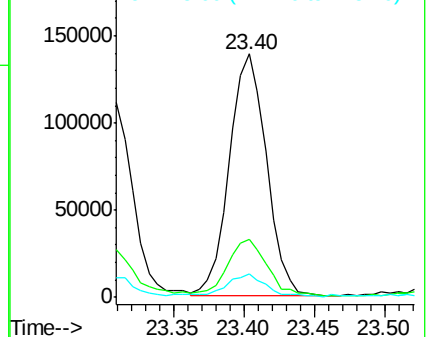
125 9.9 4.0 6.0#



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

Indeno(1,2,3-cd)pyrene

Concen: 2.582 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

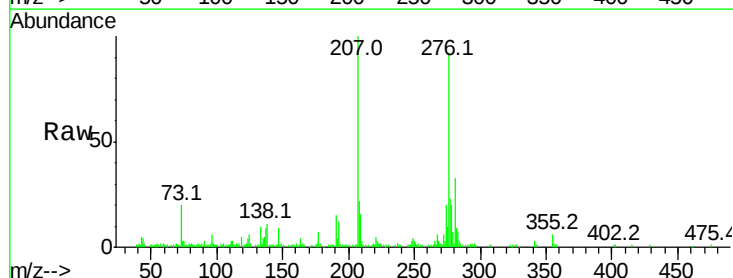
Tgt Ion:276 Resp: 160199

Ion Ratio Lower Upper

276 100

138 11.8 9.3 13.9

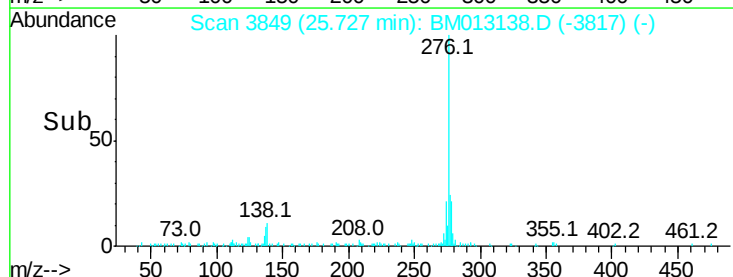
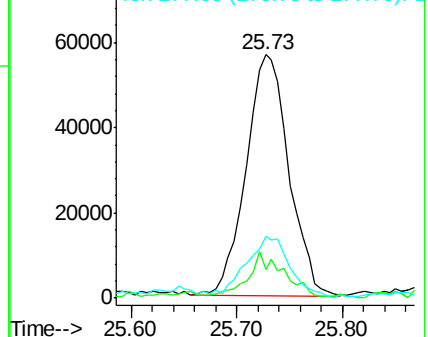
277 25.2 19.9 29.9

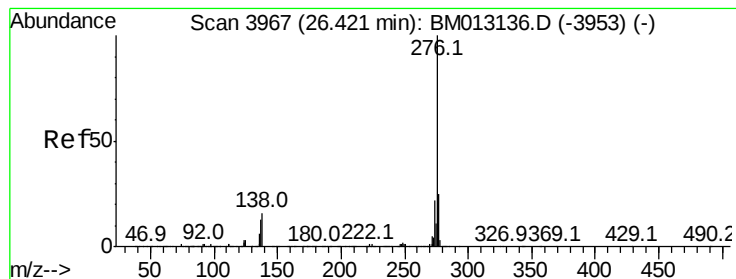


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.702 ng/ul

RT: 26.41 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BM013138.D

Acq: 28 Nov 2017 16:10

Instrument :

BNA_M

ClientSampleId :

B0GC1

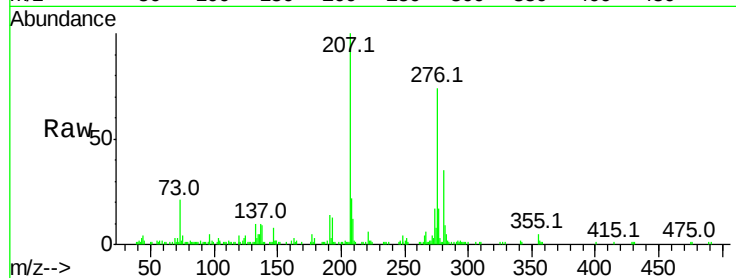
Tot Ion:276 Resp: 139262

Ion Ratio Lower Upper

276 100

138 12.6 8.5 12.7

277 23.1 18.6 28.0



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

