

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
 Data File : BM012388.D
 Acq On : 22 Oct 2017 09:19
 Operator : SJ/JU
 Sample : I5701-11
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 23 08:36:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 23 08:22:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	321935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1432002	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	898980	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2078678	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2030815	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1556648	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	9757	1.44	ng/uL	0.00
5) Phenol-d5	6.94	99	328700	12.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	202114	12.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	271793	12.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	324847	14.44	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	162270	14.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	201281	15.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	393068	16.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	410090	17.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1524604	19.19	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1786993	18.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	120453	10.08	ng/ul	0.01
57) Fluorene-d10	15.41	176	1289790	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	180441	12.65	ng/ul	0.00
70) Anthracene-d10	17.27	188	1938721	18.86	ng/ul	0.00
76) Pyrene-d10	19.57	212	2227936	21.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1435054	19.12	ng/ul	0.00

Target Compounds

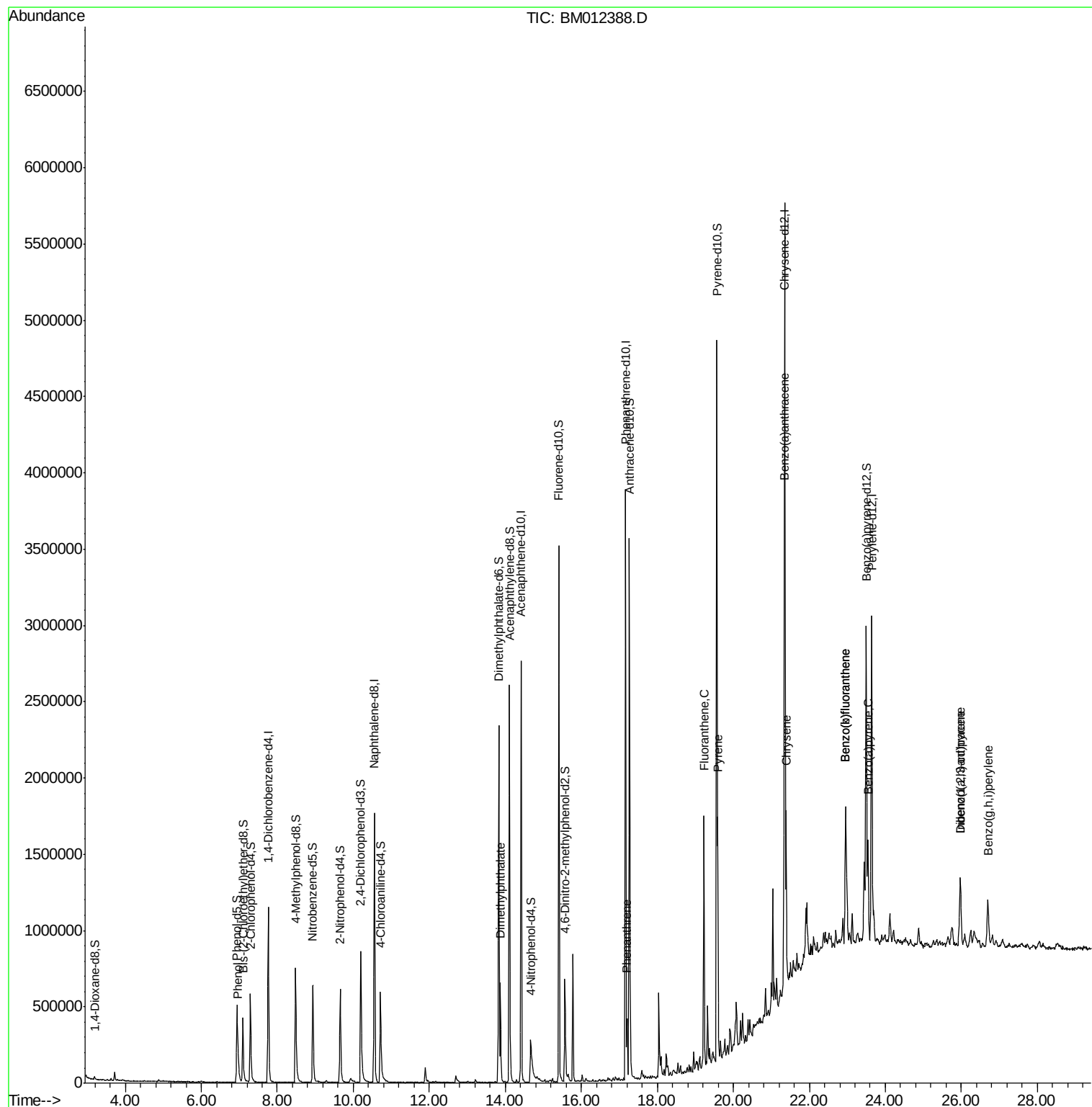
					Ovalue	
6) Phenol	6.97	94	63301	2.344	ng/ul#	86
44) Dimethylphthalate	13.87	163	411748	5.173	ng/ul#	99
69) Phenanthrene	17.21	178	213935	1.809	ng/ul	99
74) Fluoranthene	19.22	202	963841	6.754	ng/ul#	97
77) Pyrene	19.59	202	921343	6.870	ng/ul#	95
80) Benzo(a)anthracene	21.34	228	689926	5.221	ng/ul	98
82) Chrysene	21.39	228	599624	4.833	ng/ul	96
85) Benzo(b)fluoranthene	22.95	252	771140	7.591	ng/ul#	97
86) Benzo(k)fluoranthene	22.95	252	771140	7.877	ng/ul#	97
88) Benzo(a)pyrene	23.54	252	471842	4.928	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.98	276	421511	4.146	ng/ul	98
90) Dibenzo(a,h)anthracene	25.97	278	128712	1.506	ng/ul#	86
91) Benzo(g,h,i)perylene	26.70	276	371354	4.459	ng/ul	97

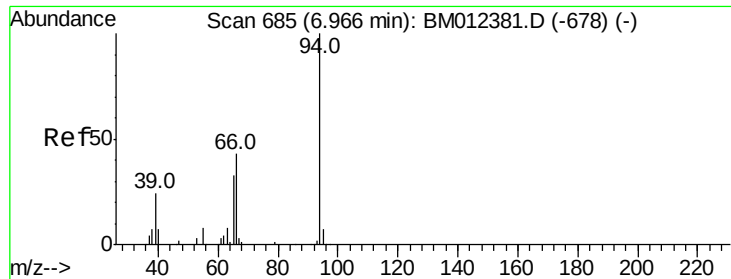
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.344 ng/ul

RT: 6.97 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Instrument :

BNA_M

ClientSampleId :

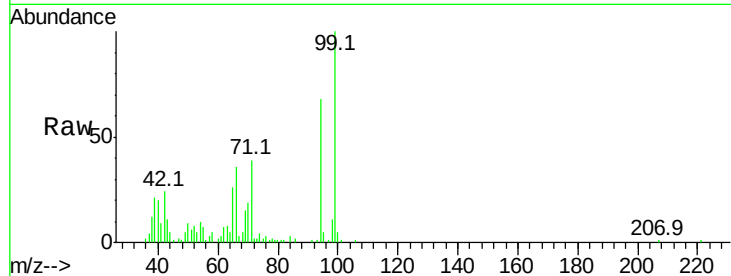
Tot Ion: 94 Resp: 63301

Ion Ratio Lower Upper

94 100

65 38.5 24.4 36.6#

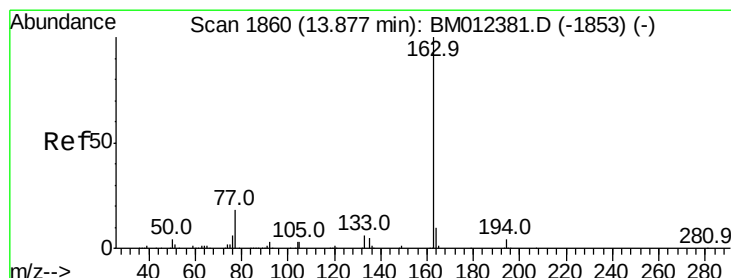
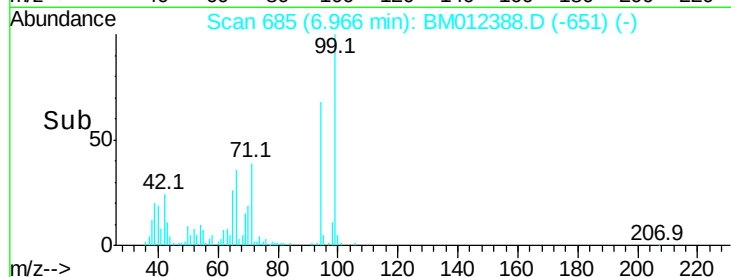
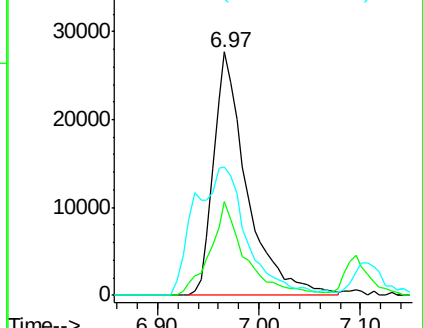
66 52.8 35.0 52.4#



Abundance Ion 94.00 (93.70 to 94.70): BM012388.D (-678) (-)

Ion 65.00 (64.70 to 65.70): BM012388.D (-678) (-)

Ion 66.00 (65.70 to 66.70): BM012388.D (-678) (-)



#44

Dimethylphthalate

Concen: 5.173 ng/ul

RT: 13.87 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

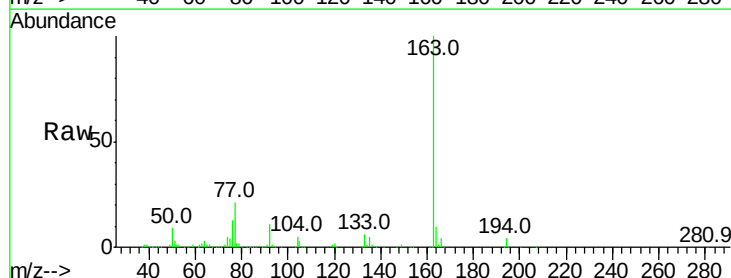
Tgt Ion:163 Resp: 411748

Ion Ratio Lower Upper

163 100

194 3.7 3.7 5.5#

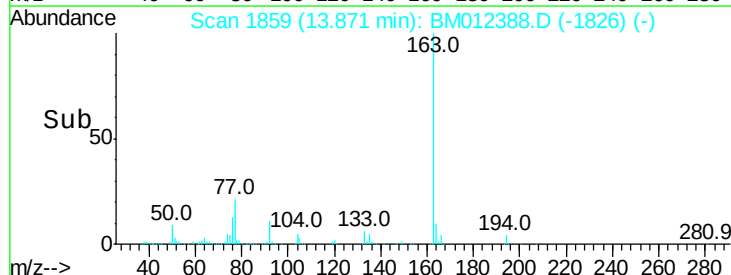
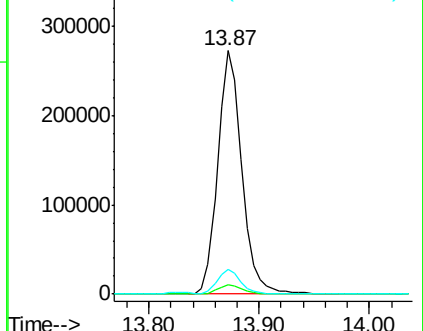
164 10.0 8.1 12.1

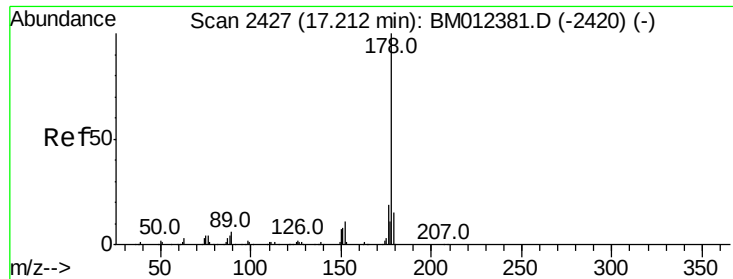


Abundance Ion 163.00 (162.70 to 163.70): BM012388.D (-1826) (-)

Ion 194.00 (193.70 to 194.70): BM012388.D (-1826) (-)

Ion 164.00 (163.70 to 164.70): BM012388.D (-1826) (-)





#69

Phenanthrene

Concen: 1.809 ng/ul

RT: 17.21 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

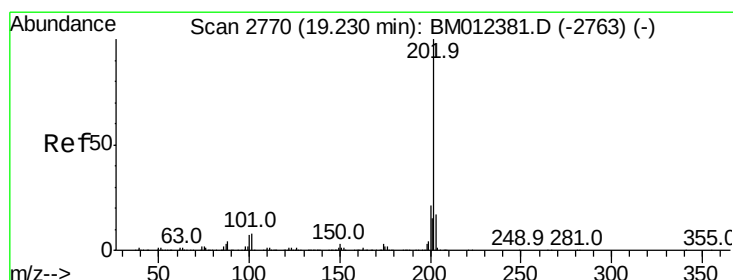
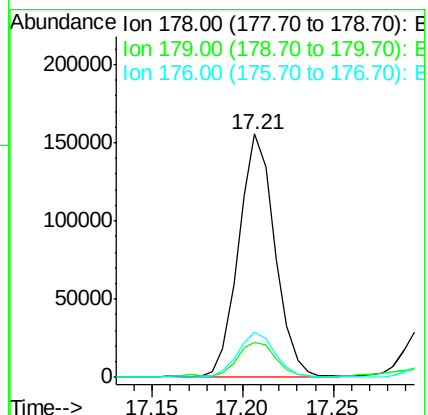
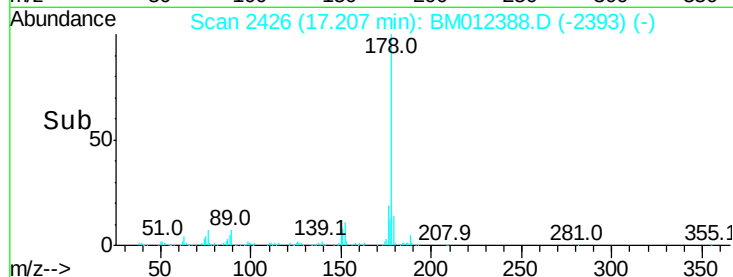
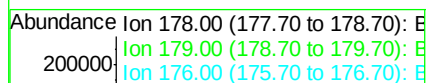
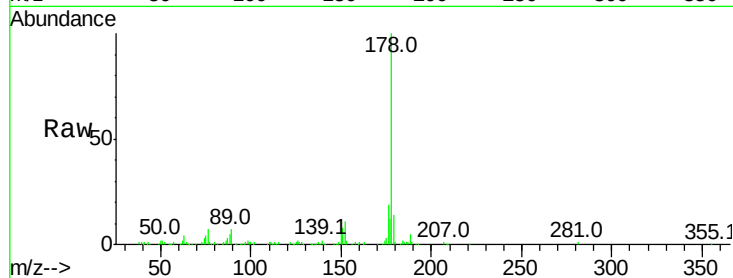
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 213935

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.0	18.0
176	18.7	15.0	22.6



#74

Fluoranthene

Concen: 6.754 ng/ul

RT: 19.22 min Scan# 2769

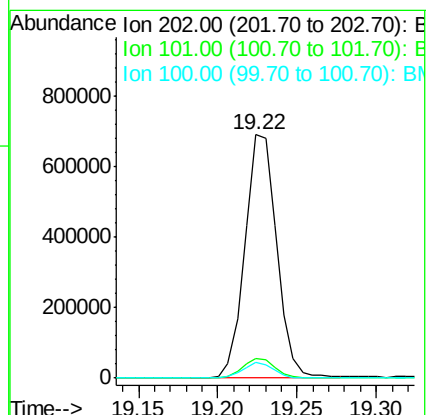
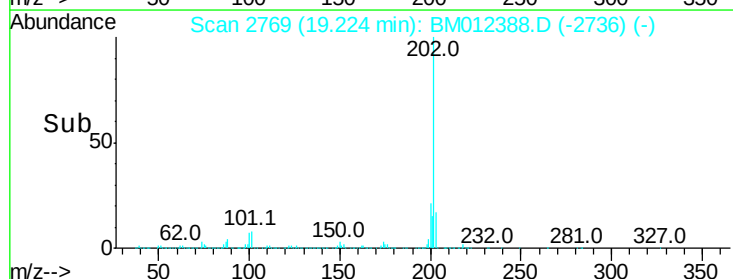
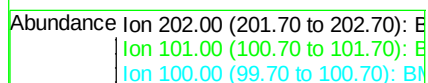
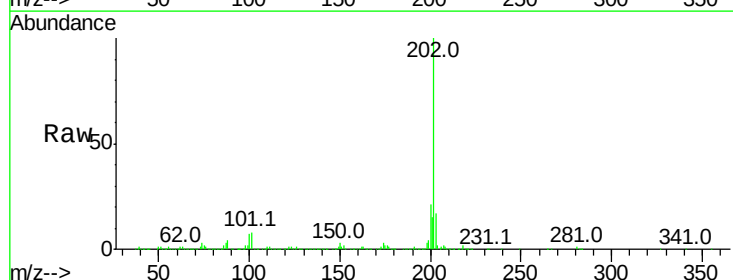
Delta R.T. -0.01 min

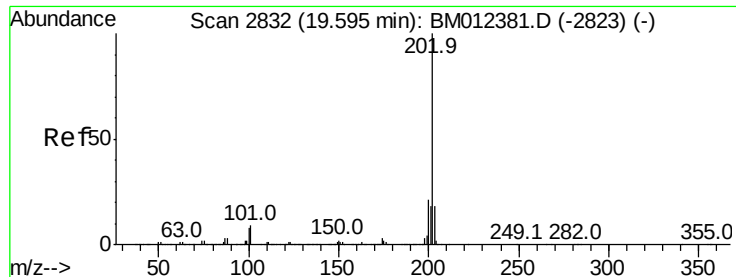
Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Tgt Ion:202 Resp: 963841

Ion	Ratio	Lower	Upper
202	100		
101	8.2	5.8	8.6
100	6.5	4.3	6.5#





#77

Pvrene

Concen: 6.870 ng/ul

RT: 19.59 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Instrument :

BNA_M

ClientSampleId :

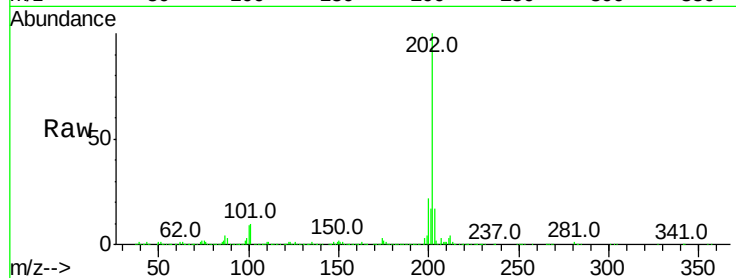
Tot Ion:202 Resp: 921343

Ion Ratio Lower Upper

202 100

101 10.2 6.5 9.7#

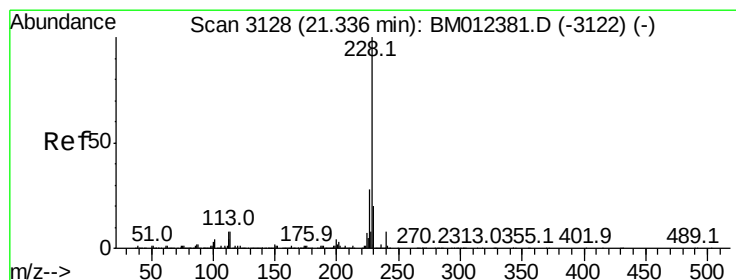
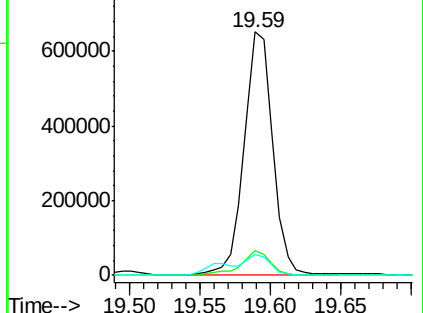
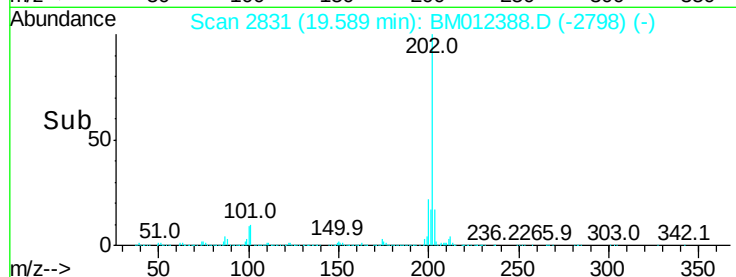
100 8.6 5.6 8.4#



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): B



#80

Benzo(a)anthracene

Concen: 5.221 ng/ul

RT: 21.34 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

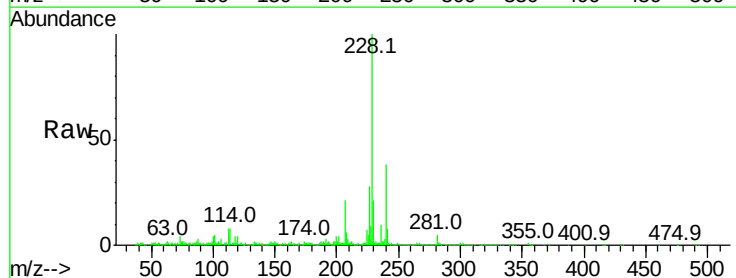
Tgt Ion:228 Resp: 689926

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.8

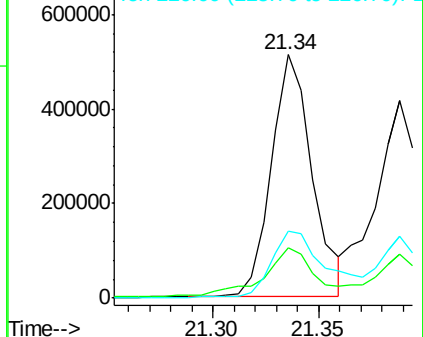
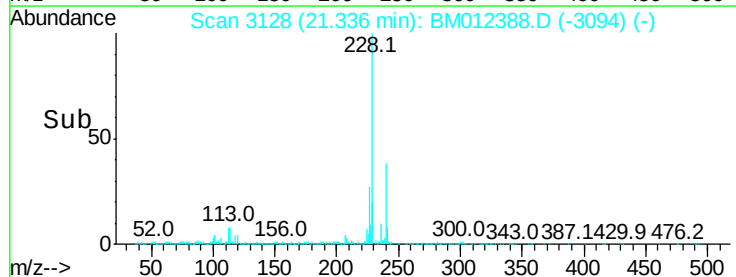
226 27.5 21.4 32.2

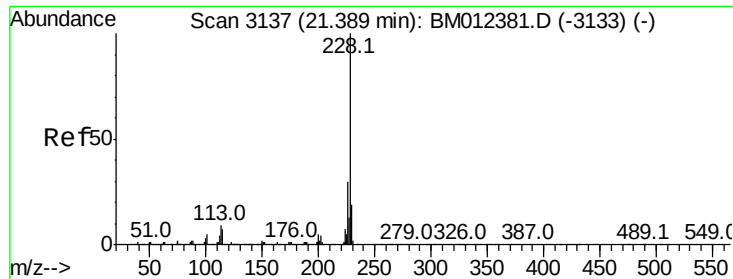


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 4.833 ng/ul

RT: 21.39 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Instrument :

BNA_M

ClientSampleId :

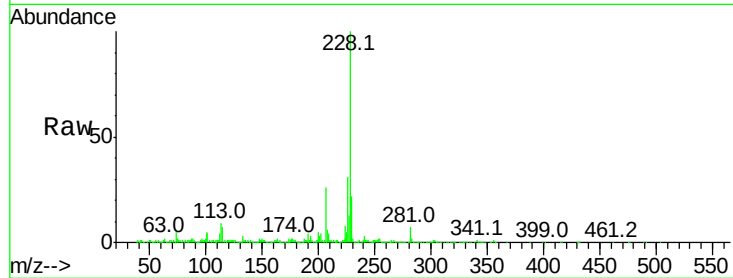
Tot Ion:228 Resp: 599624

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	22.3	15.5	23.3

228 100

226 31.2 24.0 36.0

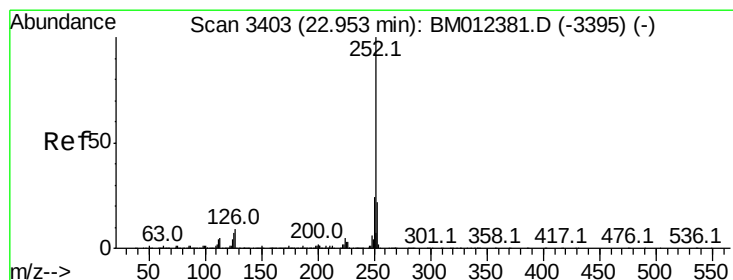
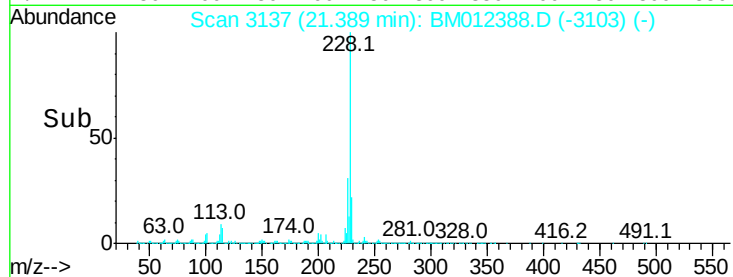
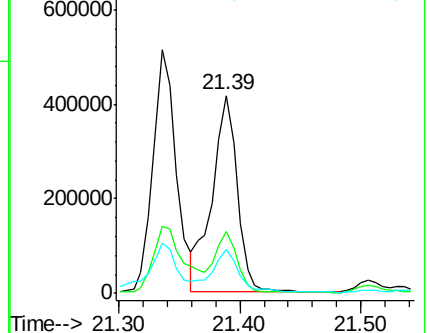
229 22.3 15.5 23.3



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: 7.591 ng/ul

RT: 22.95 min Scan# 3403

Delta R.T. 0.00 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

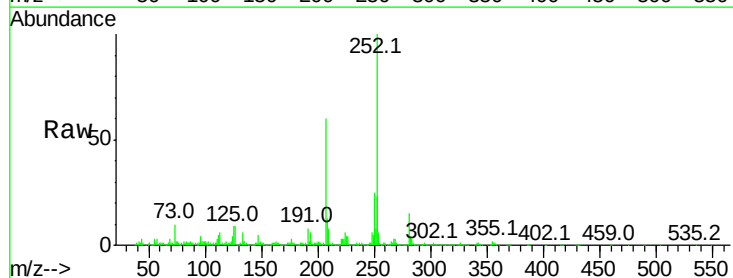
Tgt Ion:252 Resp: 771140

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	9.0	5.1	7.7

252 100

253 22.8 17.4 26.2

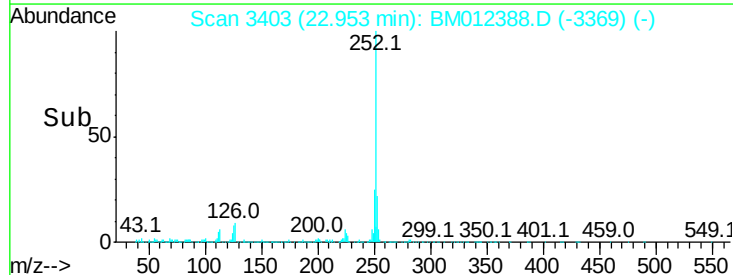
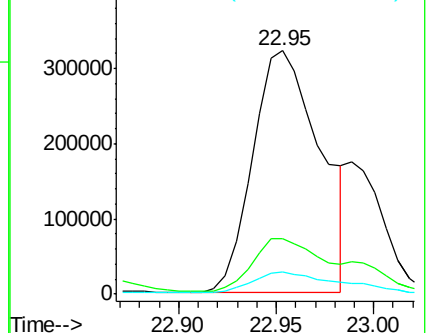
125 9.0 5.1 7.7

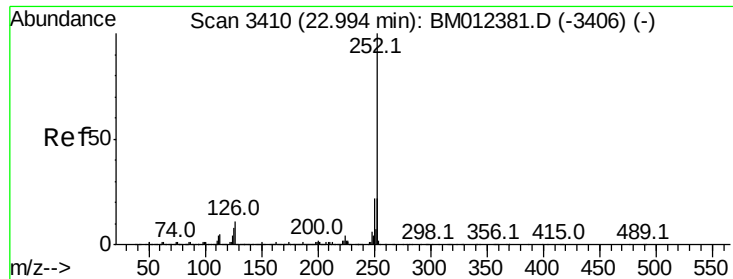


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

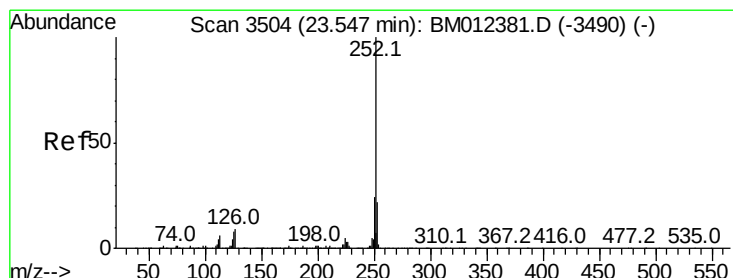
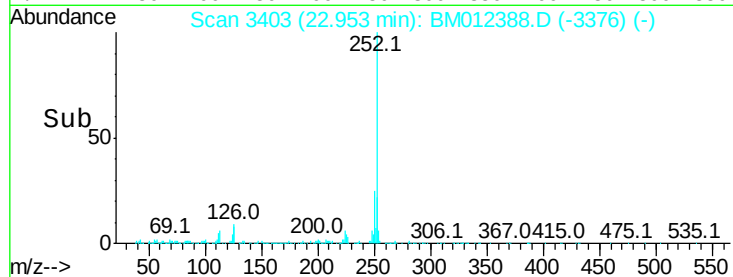
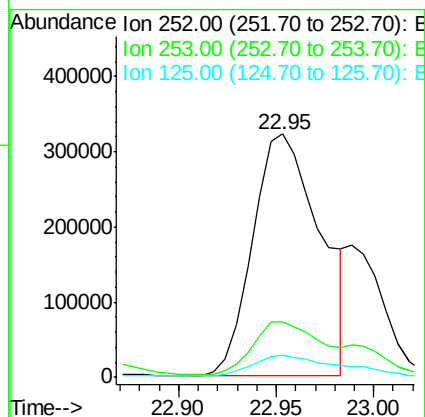
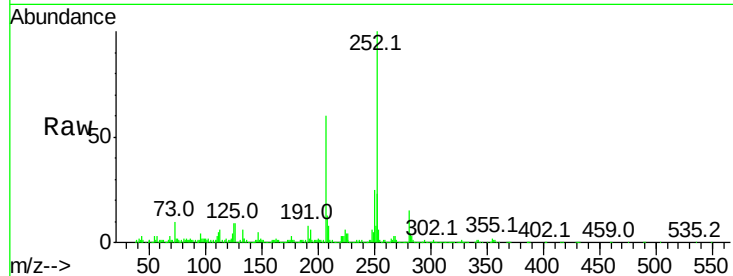




#86
Benzo(k)fluoranthene
Concen: 7.877 ng/ul
RT: 22.95 min Scan# 3403
Delta R.T. -0.04 min
Lab File: BM012388.D
Acq: 22 Oct 2017 09:19

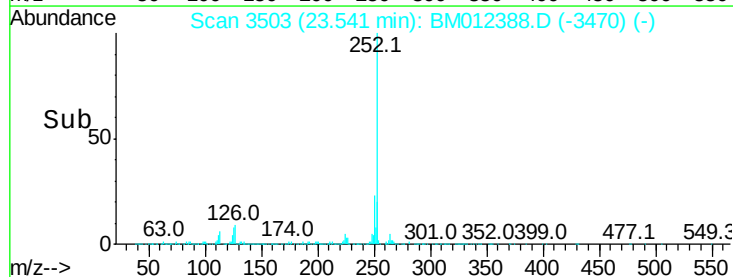
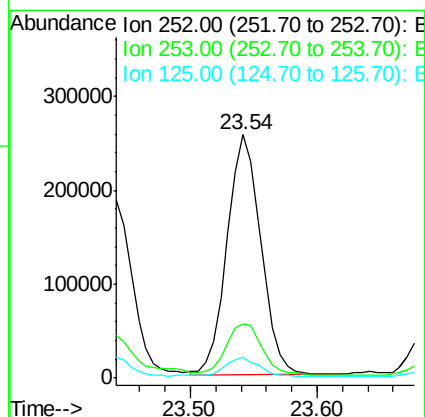
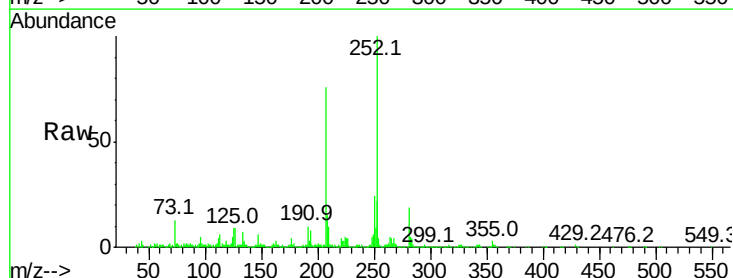
Instrument :
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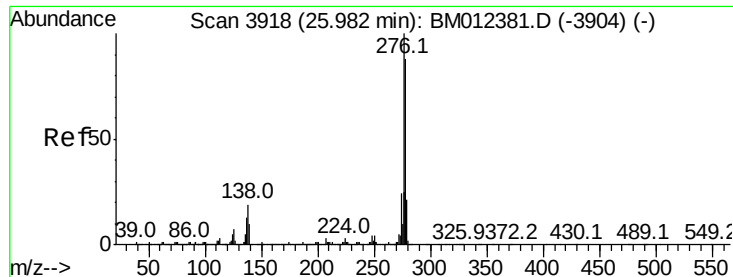
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	9.0	4.9	7.3



#88
Benzo(a)pyrene
Concen: 4.928 ng/ul
RT: 23.54 min Scan# 3503
Delta R.T. -0.01 min
Lab File: BM012388.D
Acq: 22 Oct 2017 09:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	8.8	5.2	7.8



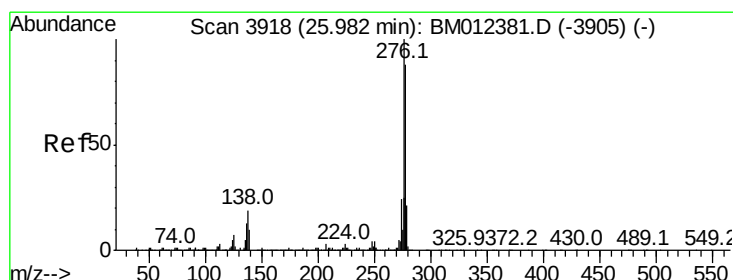
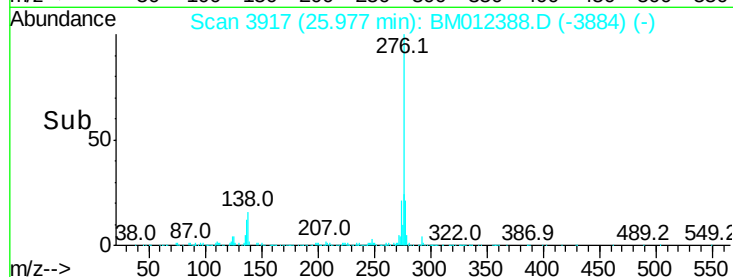
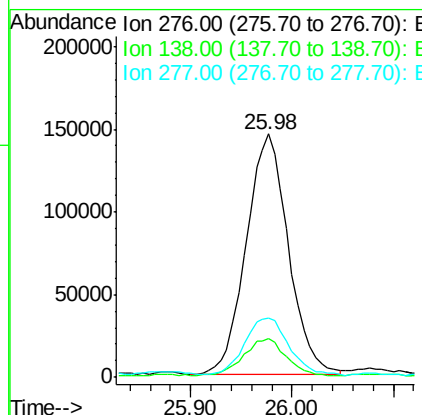
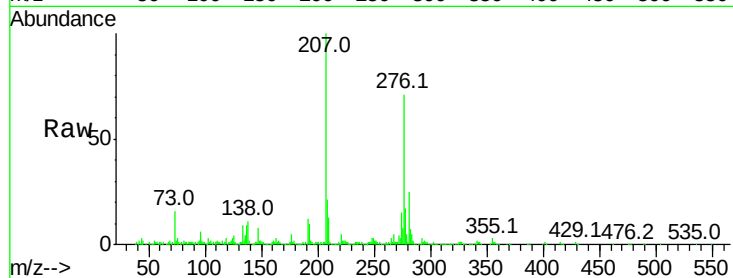


#89

Indeno(1,2,3-cd)pyrene
Concen: 4.146 ng/ul
RT: 25.98 min Scan# 3917
Delta R.T. -0.01 min
Lab File: BM012388.D
Acq: 22 Oct 2017 09:19

Instrument :
BNA_M
ClientSampleId :

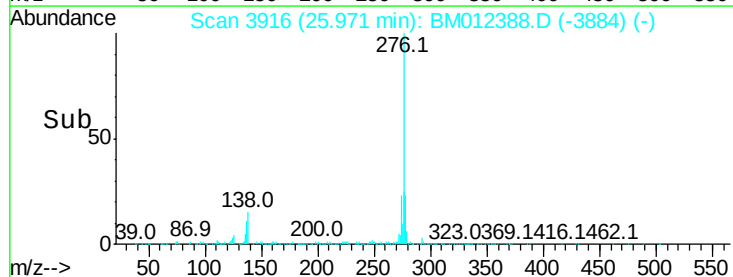
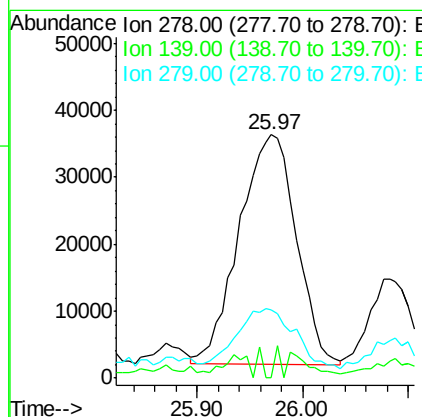
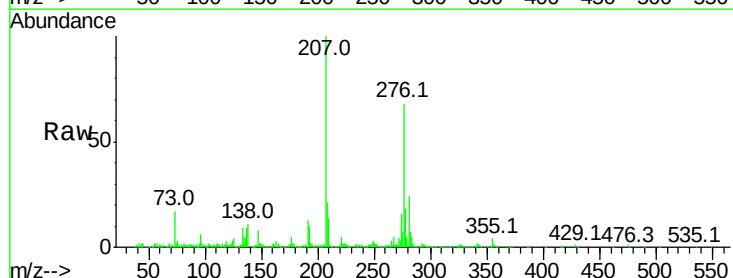
Tot Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.2	19.8
277	24.3	20.6	31.0

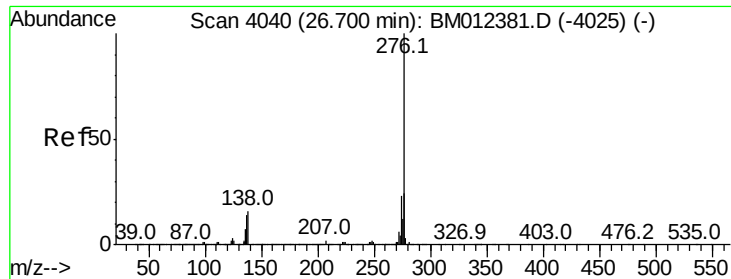


#90

Dibenzo(a,h)anthracene
Concen: 1.506 ng/ul
RT: 25.97 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BM012388.D
Acq: 22 Oct 2017 09:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.3	12.5#
279	28.0	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 4.459 ng/ul

RT: 26.70 min Scan# 4040

Delta R.T. 0.00 min

Lab File: BM012388.D

Acq: 22 Oct 2017 09:19

Instrument :

BNA_M

ClientSampleId :

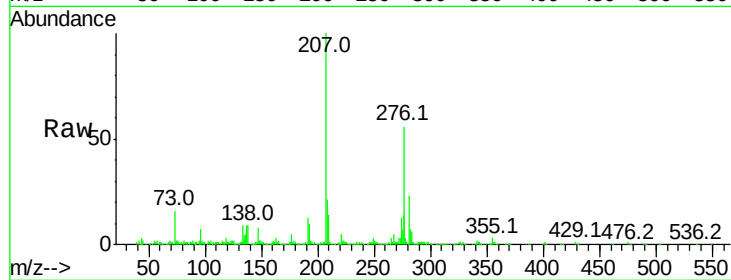
Tot Ion: 276 Resp: 371354

Ion Ratio Lower Upper

276 100

138 15.7 10.7 16.1

277 24.6 19.0 28.4



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

