

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011676.D
 Acq On : 22 Sep 2017 04:43
 Operator : SJ/JU
 Sample : I5284-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 22 08:45:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 08:34:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	525966	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	2429105	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1373847	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2997592	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2775555	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2253033	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	10607	0.91	ng/uL	0.00
5) Phenol-d5	7.10	99	499205	9.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	517262	15.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	550226	14.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	504840	12.80	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	303345	16.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	341340	17.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	598411	15.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	496642	11.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	2058522	17.72	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2610461	18.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	107242	4.91	ng/ul	0.00
58) Fluorene-d10	15.58	176	1847304	18.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	174018	9.98	ng/ul	0.00
71) Anthracene-d10	17.43	188	2856840	19.35	ng/ul	0.00
79) Pyrene-d10	19.72	212	3151522	24.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2080376	19.37	ng/ul	0.00

Target Compounds

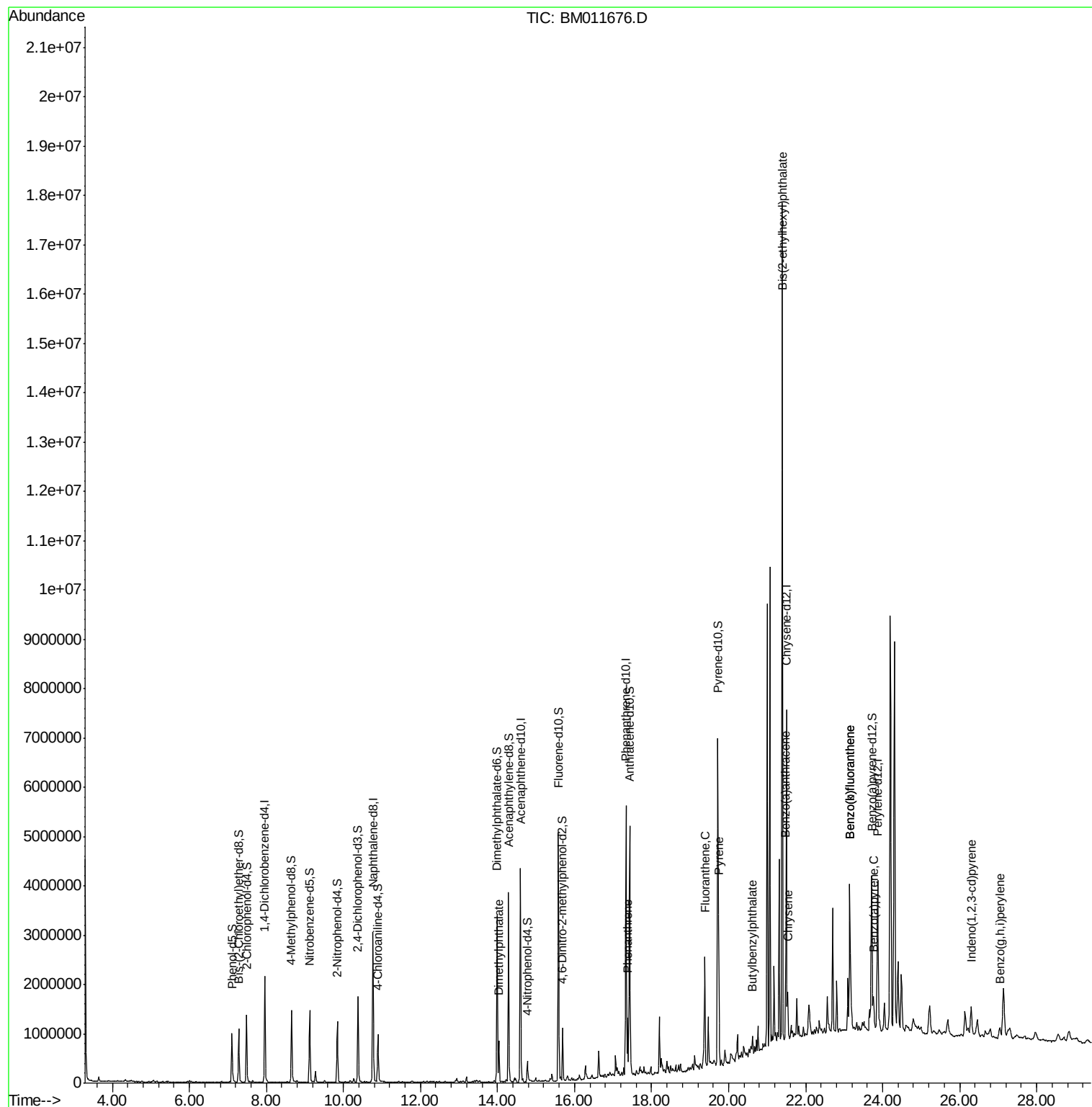
					Ovalue	
45) Dimethylphthalate	14.04	163	457755	4.116	ng/ul#	98
70) Phenanthrene	17.37	178	632416	3.785	ng/ul	99
77) Fluoranthene	19.38	202	1219040	7.093	ng/ul#	91
80) Pyrene	19.74	202	1143359	7.060	ng/ul#	90
81) Butylbenzylphthalate	20.62	149	86237	1.158	ng/ul#	85
83) Benzo(a)anthracene	21.48	228	597706	3.911	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.39	149	4844498	42.359	ng/ul#	97
85) Chrysene	21.53	228	585870	4.229	ng/ul	99
88) Benzo(b)fluoranthene	23.14	252	726111	5.357	ng/ul#	85
89) Benzo(k)fluoranthene	23.14	252	726111	5.578	ng/ul#	84
91) Benzo(a)pyrene	23.76	252	443948	3.470	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.29	276	299962	2.131	ng/ul#	88
94) Benzo(g,h,i)perylene	27.04	276	282164	2.476	ng/ul#	89

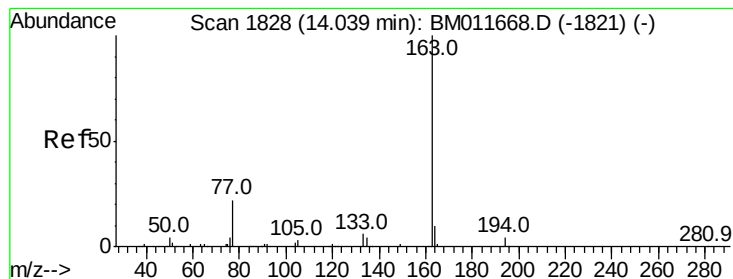
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 4.116 ng/ul

RT: 14.04 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BM011676.D

Acq: 22 Sep 2017 04:43

Instrument :

BNA_M

ClientSampleId :

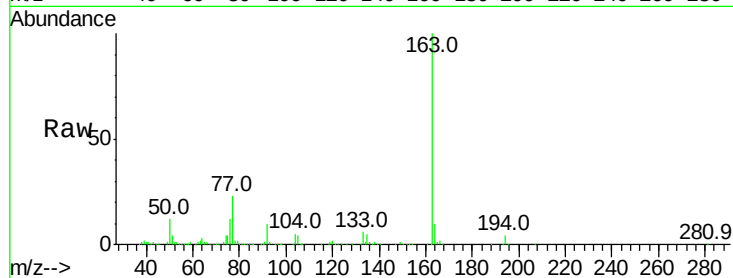
Tot Ion:163 Resp: 457755

Ion Ratio Lower Upper

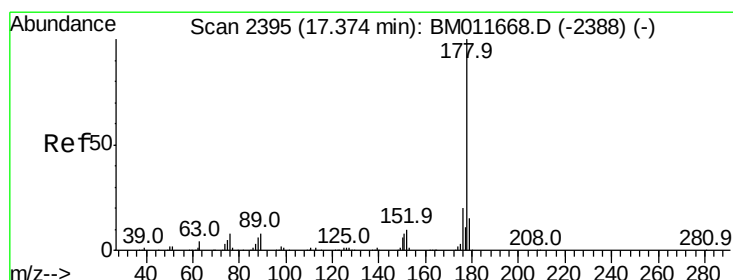
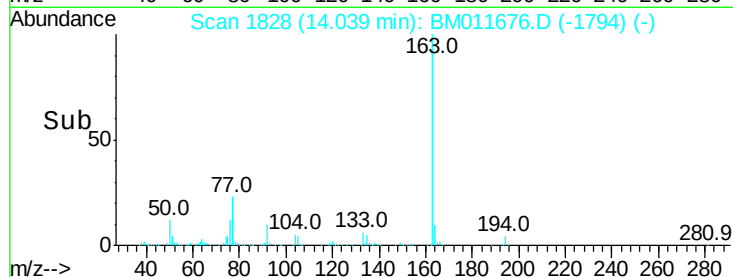
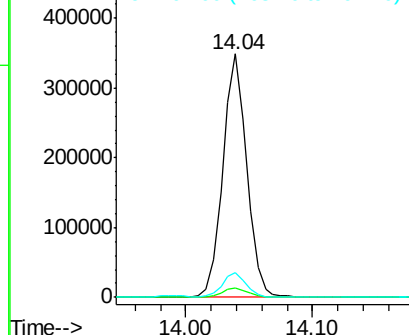
163 100

194 3.8 4.0 6.0#

164 10.0 8.4 12.6



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: 3.785 ng/ul

RT: 17.37 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM011676.D

Acq: 22 Sep 2017 04:43

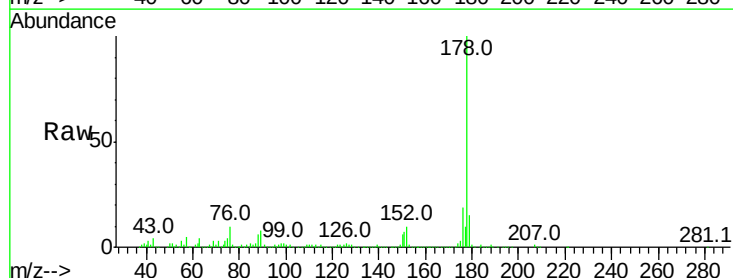
Tgt Ion:178 Resp: 632416

Ion Ratio Lower Upper

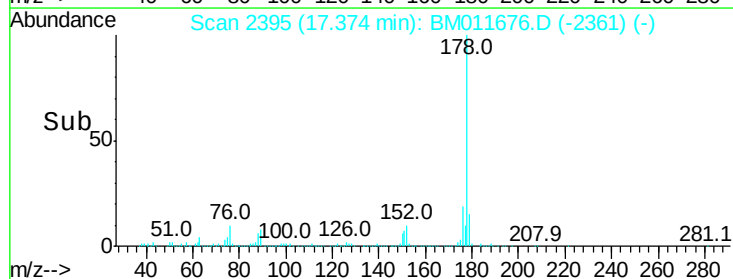
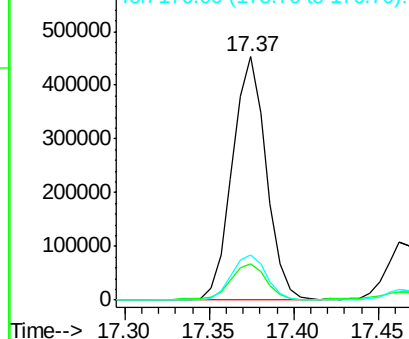
178 100

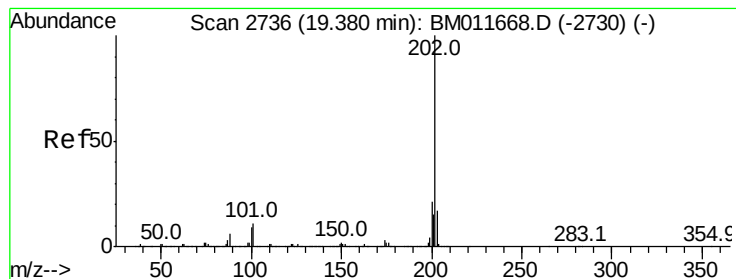
179 15.0 12.3 18.5

176 18.7 15.4 23.0



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





#77

Fluoranthene

Concen: 7.093 ng/ul

RT: 19.38 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM011676.D

Acq: 22 Sep 2017 04:43

Instrument :

BNA_M

ClientSampleId :

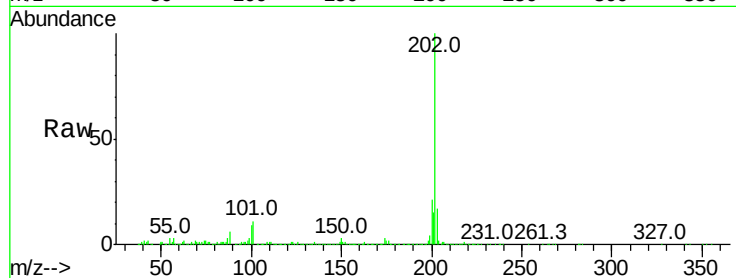
Tot Ion:202 Resp: 1219040

Ion Ratio Lower Upper

202 100

101 11.1 6.1 9.1#

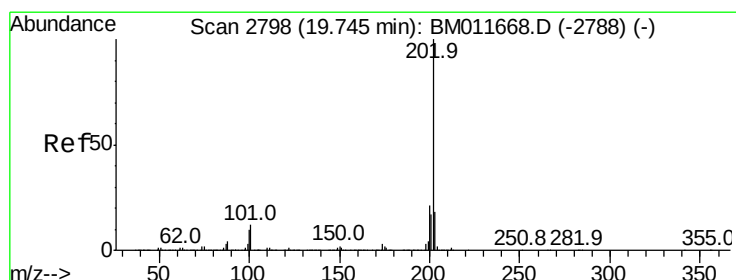
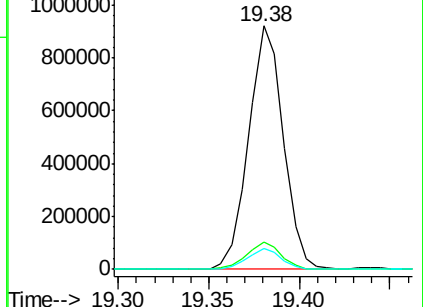
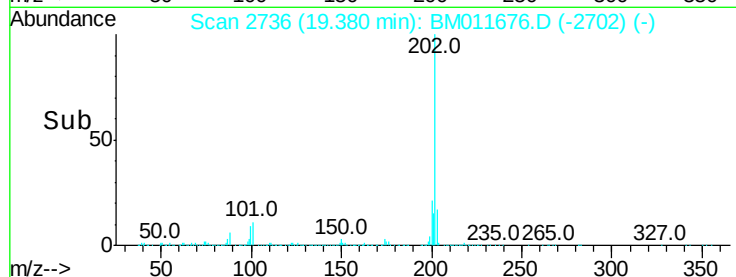
100 8.6 4.6 7.0#



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



#80

Pyrene

Concen: 7.060 ng/ul

RT: 19.74 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM011676.D

Acq: 22 Sep 2017 04:43

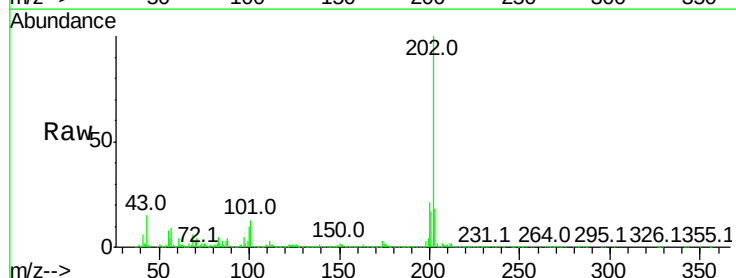
Tgt Ion:202 Resp: 1143359

Ion Ratio Lower Upper

202 100

101 12.6 6.9 10.3#

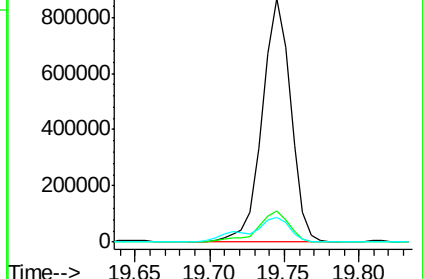
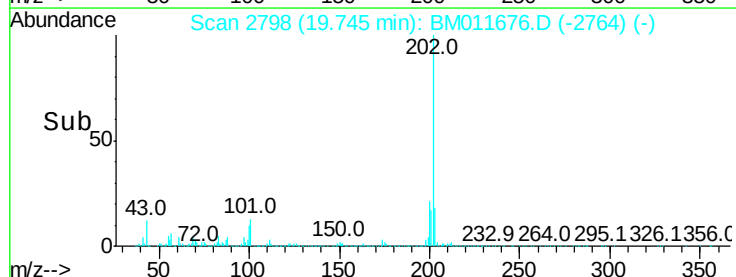
100 10.0 5.6 8.4#

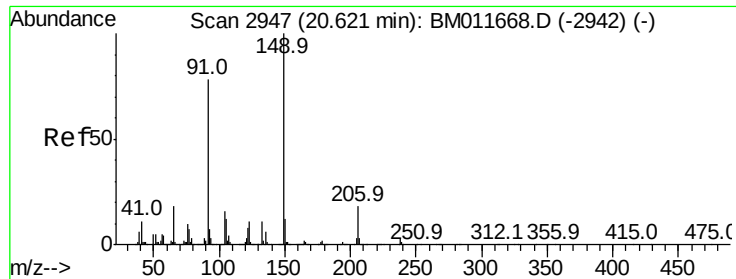


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

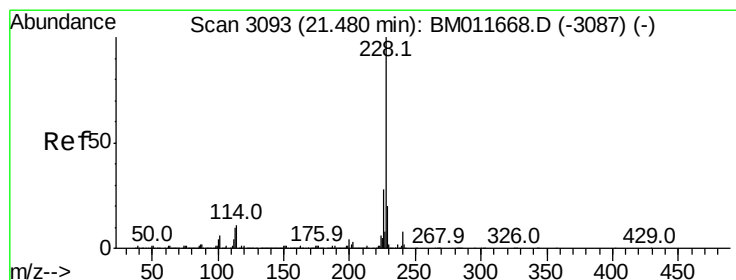
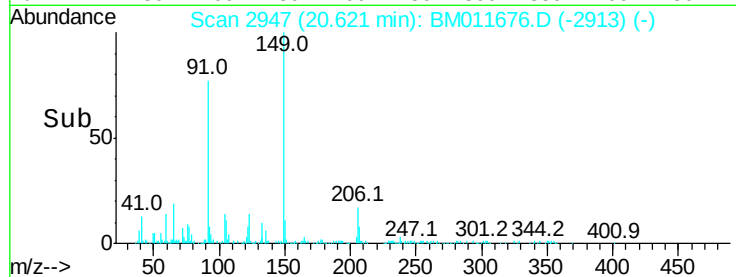
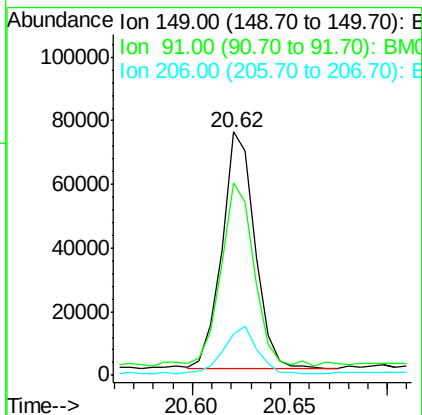
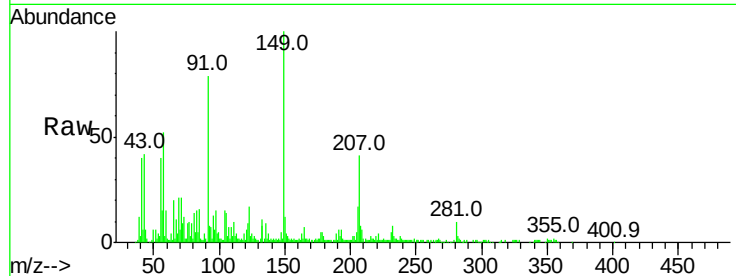




#81
Butylbenzylphthalate
Concen: 1.158 ng/ul
RT: 20.62 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BM011676.D
Acq: 22 Sep 2017 04:43

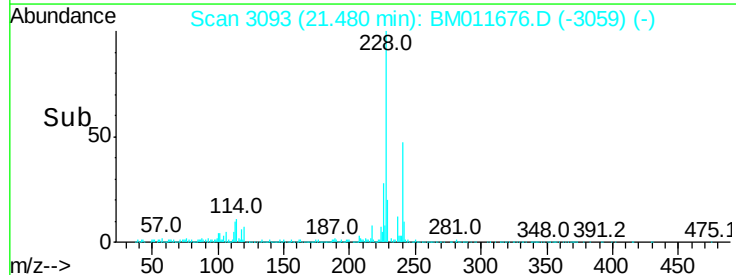
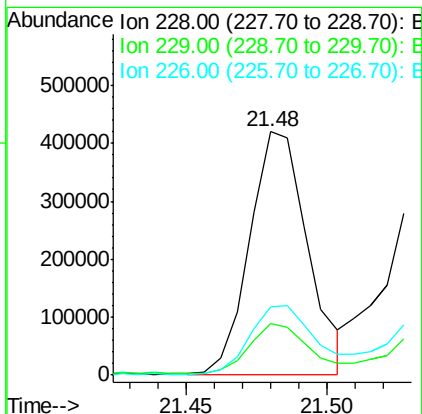
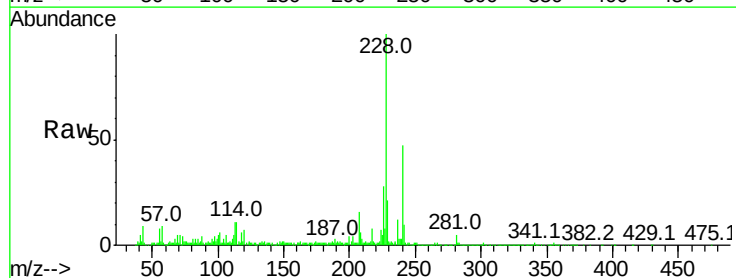
Instrument :
BNA_M
ClientSampleId :

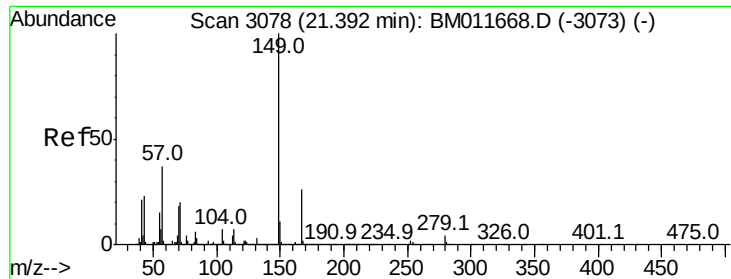
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.0	53.4	80.0
206	17.2	19.3	28.9#



#83
Benzo(a)anthracene
Concen: 3.911 ng/ul
RT: 21.48 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM011676.D
Acq: 22 Sep 2017 04:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.0	24.0
226	28.2	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.359 ng/ul

RT: 21.39 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM011676.D

Acq: 22 Sep 2017 04:43

Instrument :

BNA_M

ClientSampleId :

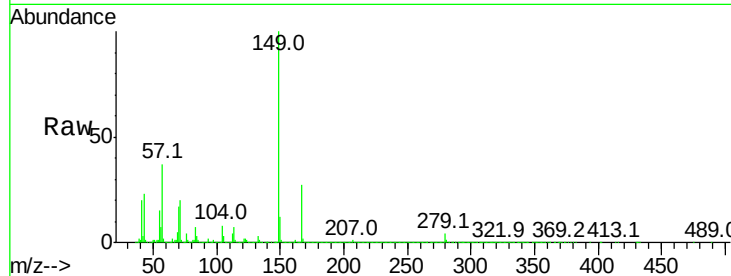
Tot Ion:149 Resp: 4844498

Ion Ratio Lower Upper

149 100

167 27.3 23.0 34.6

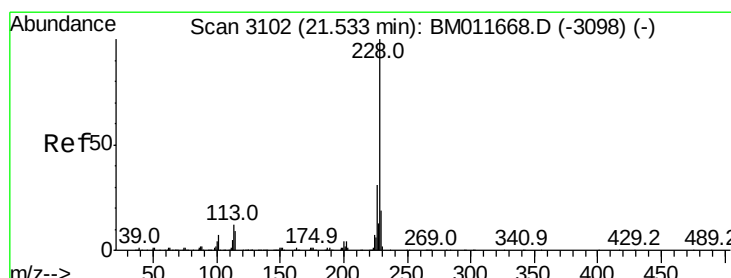
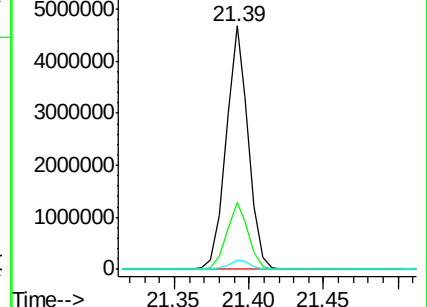
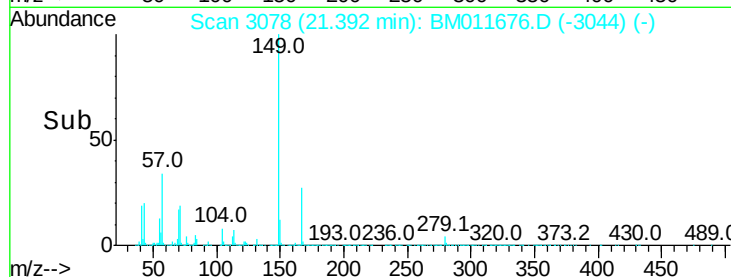
279 3.8 4.3 6.5#



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



#85

Chrysene

Concen: 4.229 ng/ul

RT: 21.53 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM011676.D

Acq: 22 Sep 2017 04:43

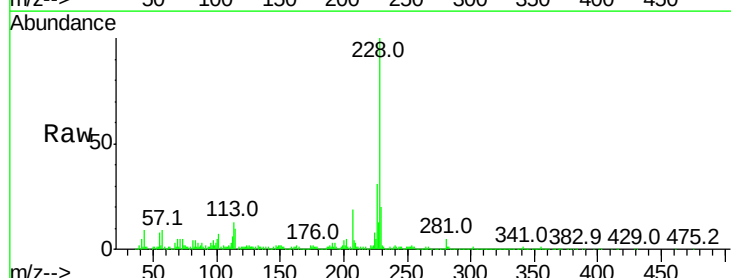
Tgt Ion:228 Resp: 585870

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

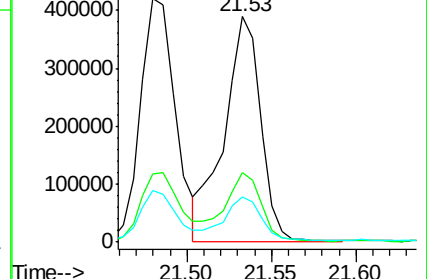
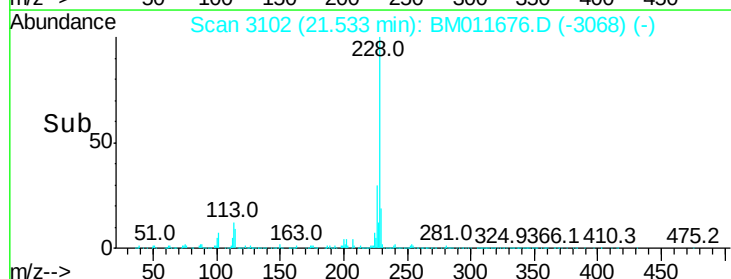
229 20.2 16.0 24.0

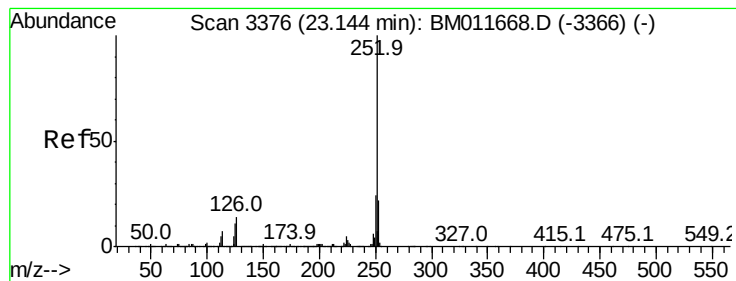


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 5.357 ng/ul

RT: 23.14 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BM011676.D

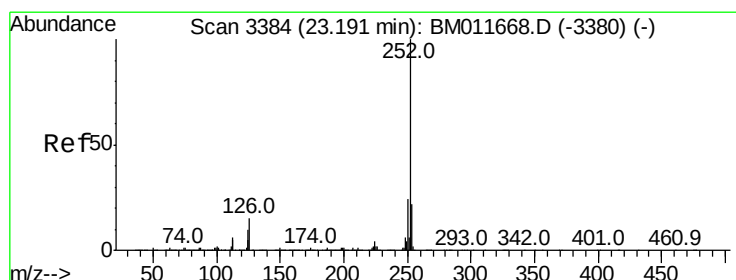
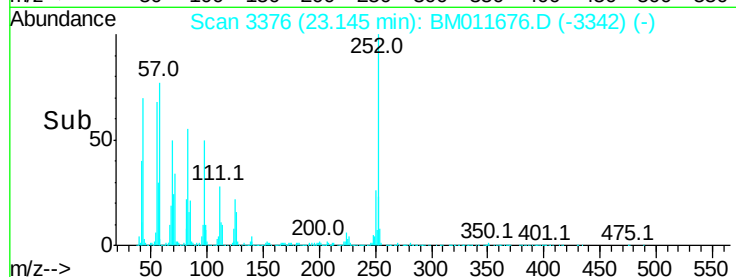
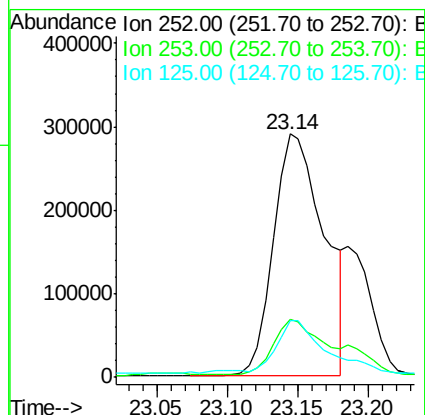
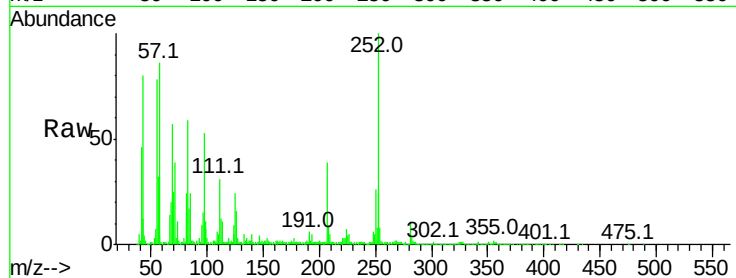
Acq: 22 Sep 2017 04:43

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	726111
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	23.5	4.9	7.3#



#89

Benzo(k)fluoranthene

Concen: 5.578 ng/ul

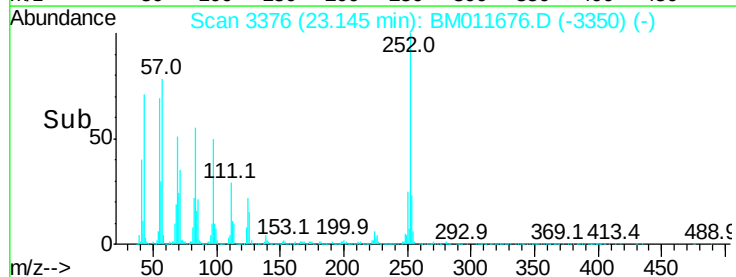
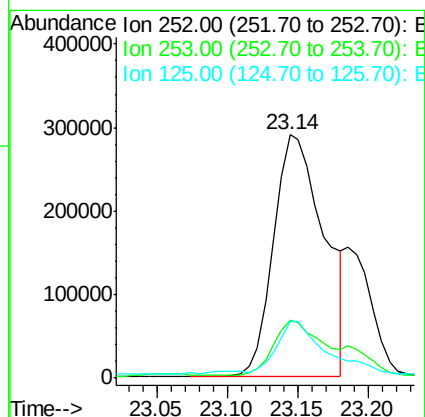
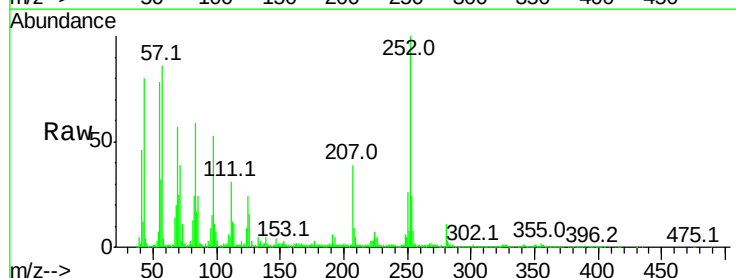
RT: 23.14 min Scan# 3376

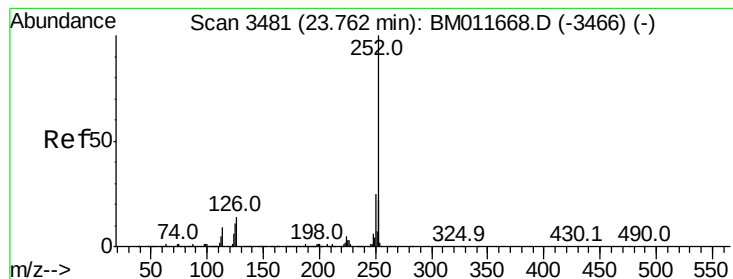
Delta R.T. -0.05 min

Lab File: BM011676.D

Acq: 22 Sep 2017 04:43

Tgt Ion:	252	Resp:	726111
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	23.5	5.4	8.0#





#91

Benzo(a)pyrene

Concen: 3.470 ng/ul

RT: 23.76 min Scan# 3481

Delta R.T. 0.00 min

Lab File: BM011676.D

Acq: 22 Sep 2017 04:43

Instrument :

BNA_M

ClientSampleId :

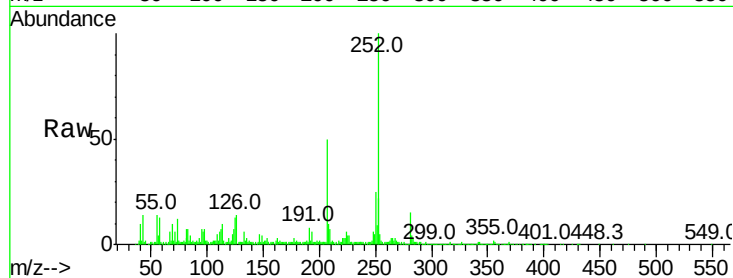
Tot Ion:252 Resp: 443948

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

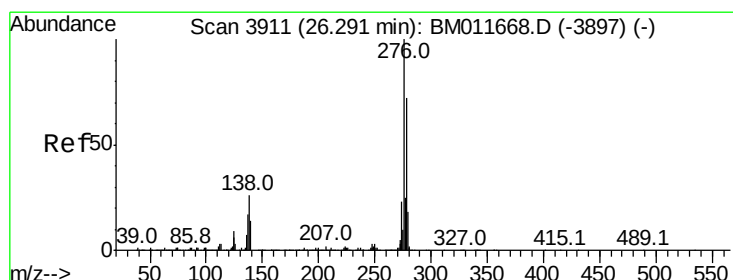
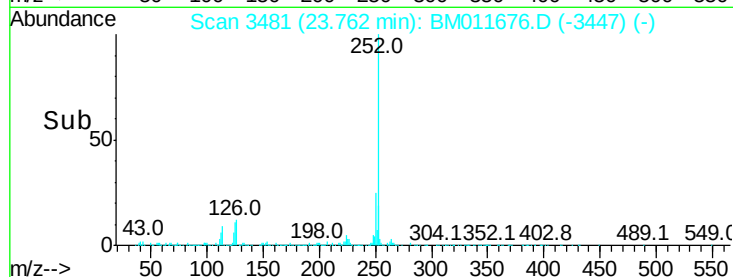
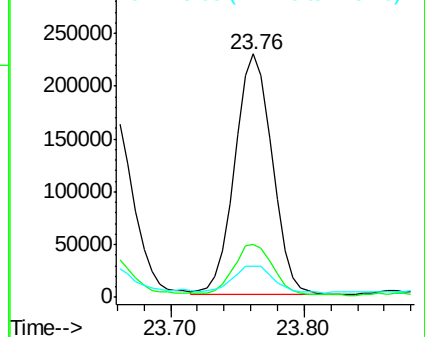
125 12.9 5.8 8.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.131 ng/ul

RT: 26.29 min Scan# 3911

Delta R.T. 0.00 min

Lab File: BM011676.D

Acq: 22 Sep 2017 04:43

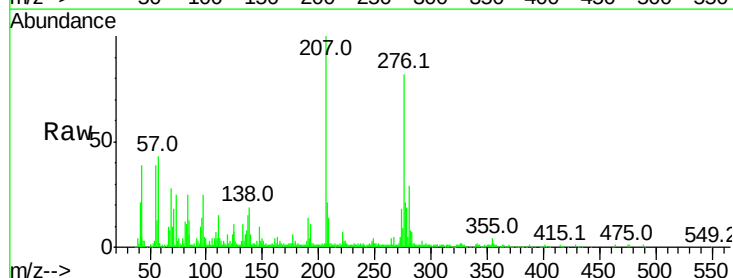
Tgt Ion:276 Resp: 299962

Ion Ratio Lower Upper

276 100

138 23.0 10.9 16.3#

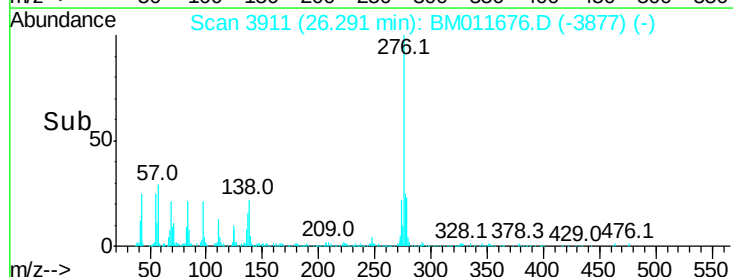
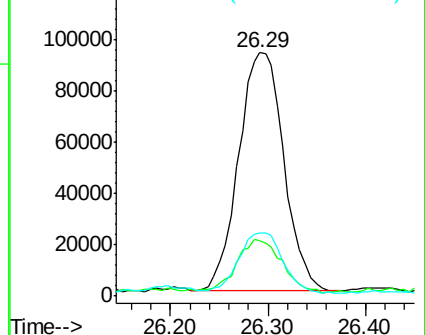
277 26.1 18.9 28.3

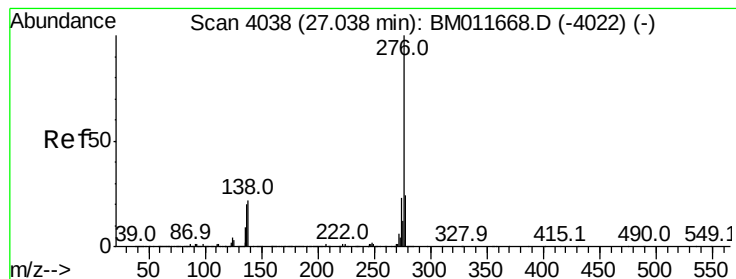


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.476 ng/ul

RT: 27.04 min Scan# 4039

Delta R.T. 0.01 min

Lab File: BM011676.D

Acq: 22 Sep 2017 04:43

Instrument :

BNA_M

ClientSampleId :

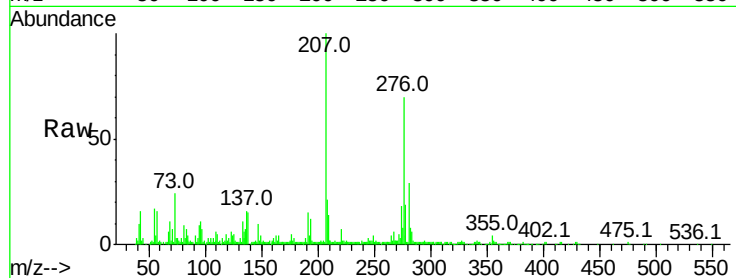
Tot Ion:276 Resp: 282164

Ion Ratio Lower Upper

276 100

138 21.6 11.2 16.8#

277 27.0 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

