

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007062.D
 Acq On : 13 Aug 2016 10:44
 Operator : UM/SJ
 Sample : H4389-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS006-0206-01

Quant Time: Aug 15 10:19:40 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 00:47:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	251026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	994995	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	583200	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1367440	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1765003	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1872399	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	22128	3.85	ng/uL	0.00
5) Phenol-d5	6.97	99	416430	20.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	254206	21.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	344633	21.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	316733	18.93	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	166361	23.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	178319	23.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	352045	21.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	347713	18.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1093032	22.68	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1338119	23.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	140745	16.30	ng/ul	0.00
57) Fluorene-d10	15.43	176	960694	22.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	142628	18.87	ng/ul	-0.01
70) Anthracene-d10	17.28	188	1530937	24.17	ng/ul	0.00
76) Pyrene-d10	19.57	212	1843933	24.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2108434	24.62	ng/ul	-0.01

Target Compounds

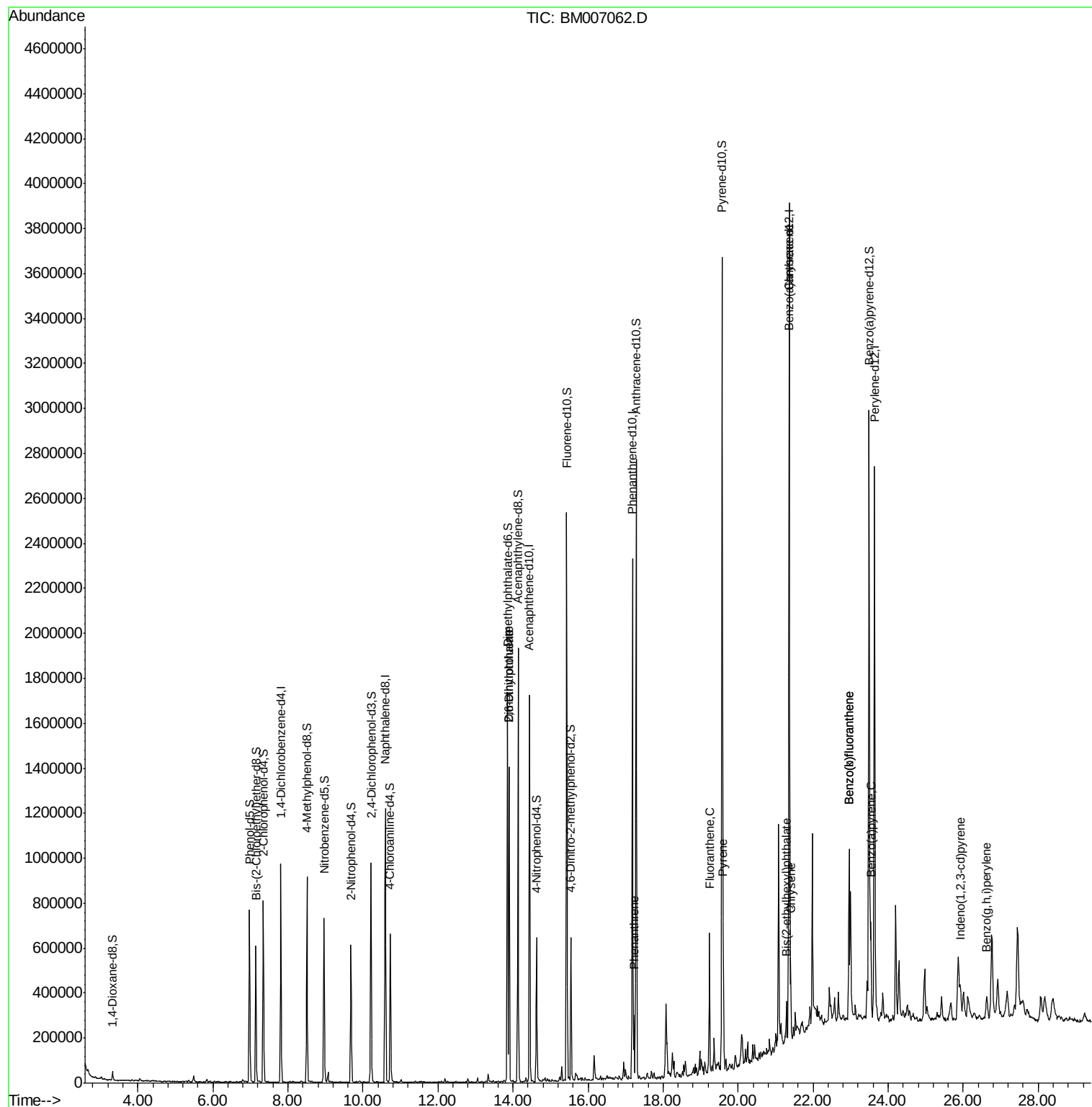
						Qvalue
44) Dimethylphthalate	13.90	163	845125	17.55	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	9680	1.03	ng/ul#	56
69) Phenanthrene	17.23	178	168553	2.29	ng/ul	98
74) Fluoranthene	19.24	202	356621	4.00	ng/ul	99
77) Pyrene	19.60	202	365465	3.75	ng/ul	100
80) Benzo(a)anthracene	21.35	228	162191	1.56	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.29	149	62497	1.11	ng/ul	98
82) Chrysene	21.40	228	200090	2.10	ng/ul	98
85) Benzo(b)fluoranthene	22.95	252	263097	2.33	ng/ul#	95
86) Benzo(k)fluoranthene	22.95	252	263097	2.48	ng/ul#	96
88) Benzo(a)pyrene	23.54	252	181363	1.70	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.93	276	135476	1.03	ng/ul	98
91) Benzo(g,h,i)perylene	26.63	276	121848	1.10	ng/ul	97

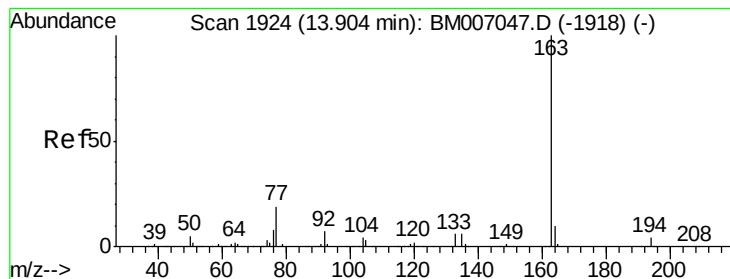
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 17.55 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0206-01

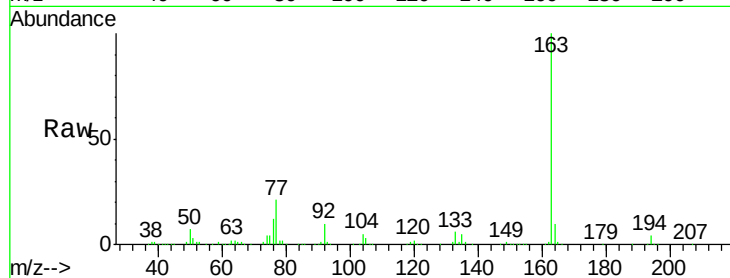
Tgt Ion:163 Resp: 845125

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

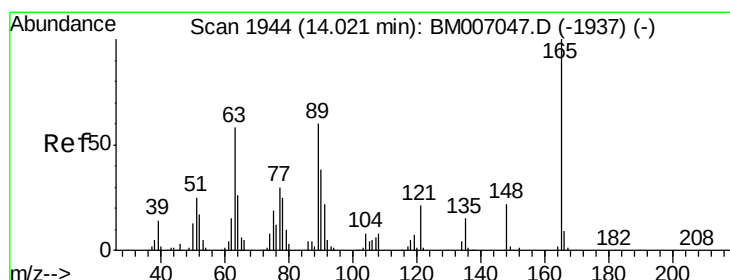
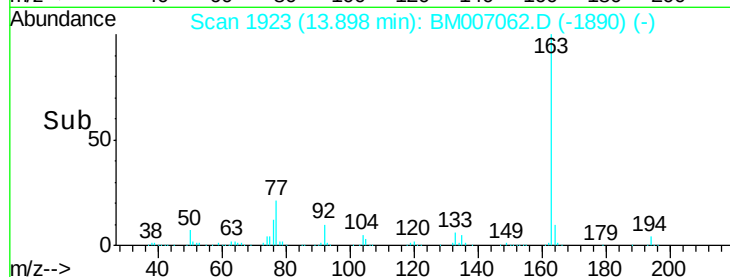
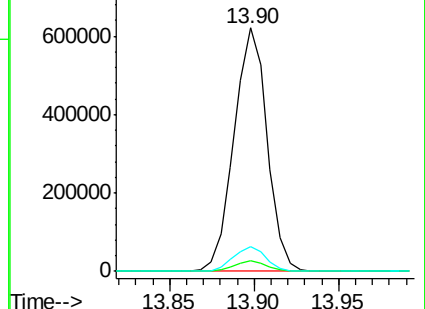
164 10.0 7.8 11.8



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



#45

2,6-Dinitrotoluene

Concen: 1.03 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.12 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

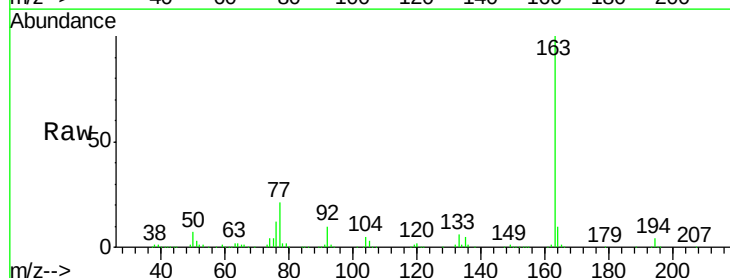
Tgt Ion:165 Resp: 9680

Ion Ratio Lower Upper

165 100

89 18.9 46.6 69.8#

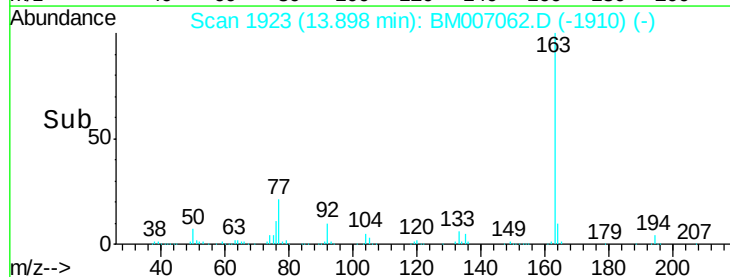
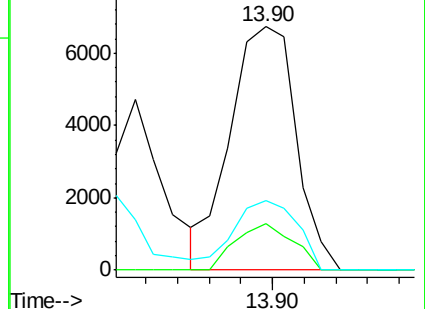
121 28.6 16.0 24.0#

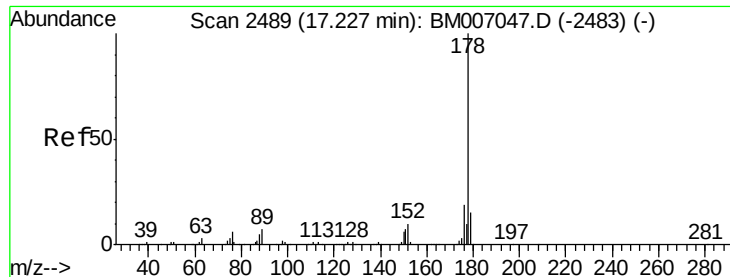


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#69

Phenanthrene

Concen: 2.29 ng/ul

RT: 17.23 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0206-01

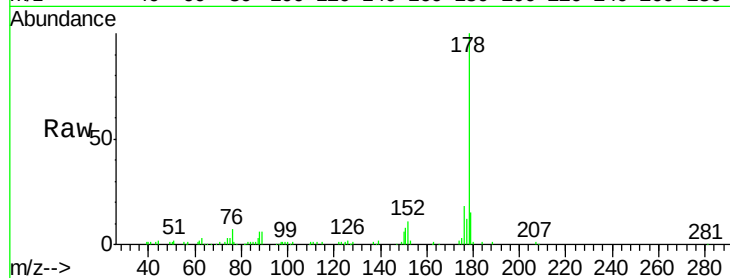
Tgt Ion:178 Resp: 168553

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

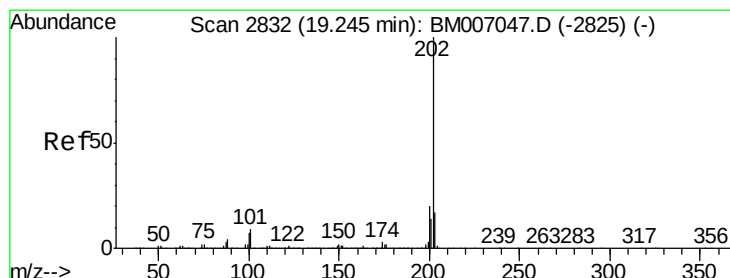
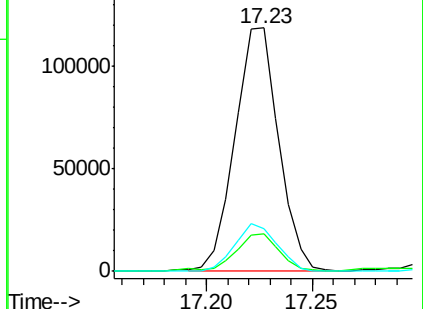
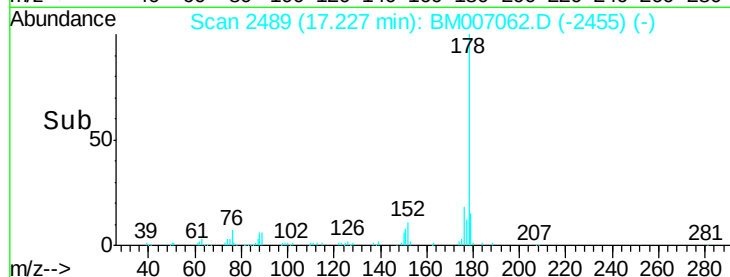
176 17.6 15.1 22.7



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: 4.00 ng/ul

RT: 19.24 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

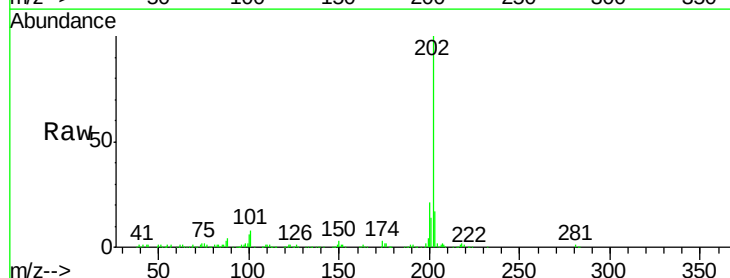
Tgt Ion:202 Resp: 356621

Ion Ratio Lower Upper

202 100

101 8.3 6.9 10.3

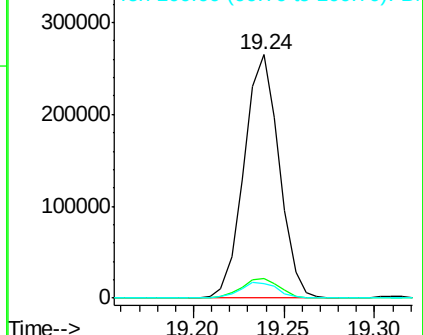
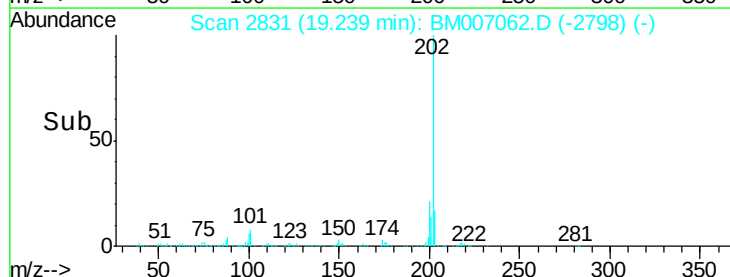
100 6.2 5.4 8.0

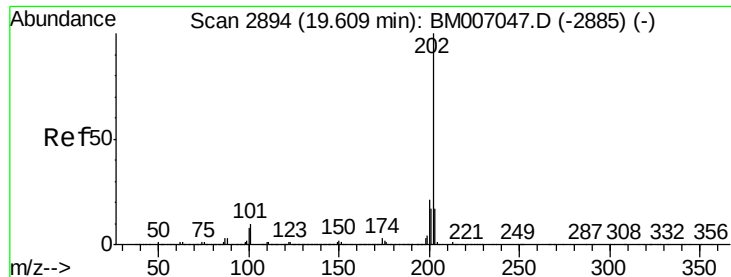


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 3.75 ng/ul

RT: 19.60 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0206-01

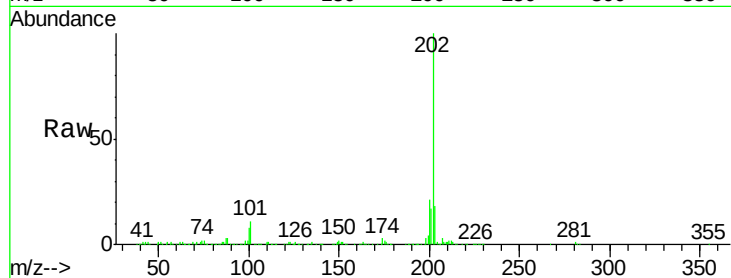
Tgt Ion:202 Resp: 365465

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

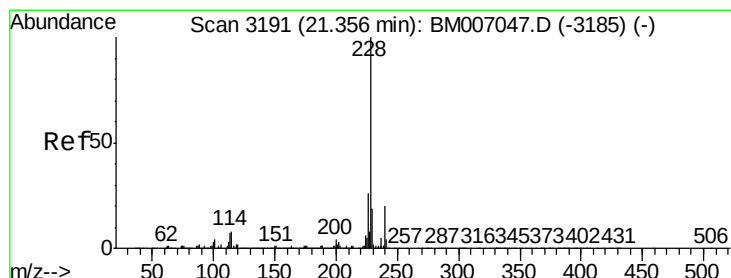
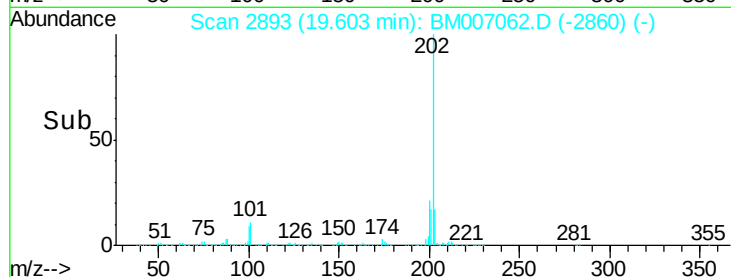
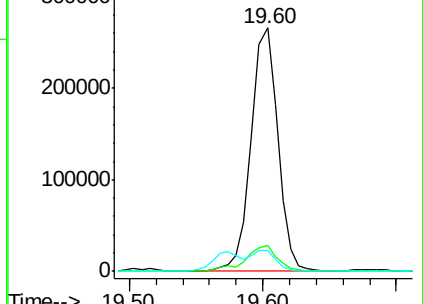
100 8.5 6.9 10.3



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: 1.56 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. -0.01 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

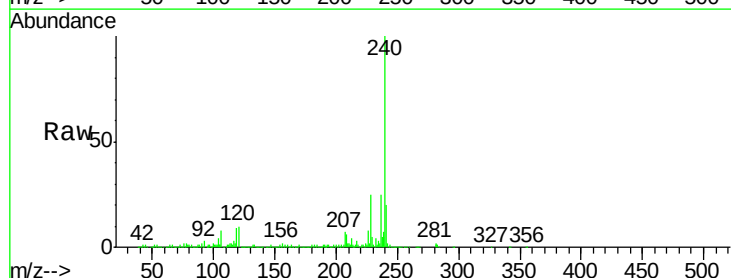
Tgt Ion:228 Resp: 162191

Ion Ratio Lower Upper

228 100

229 20.1 15.6 23.4

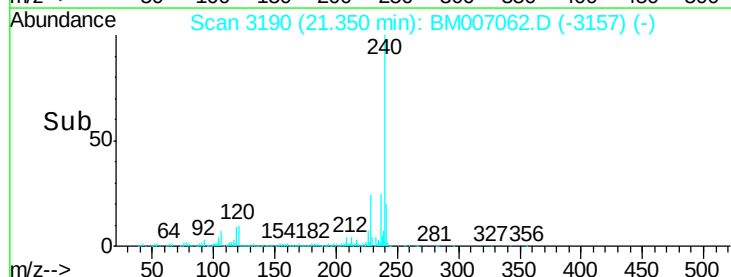
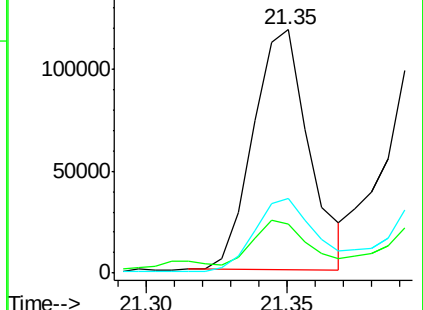
226 30.8 21.8 32.8

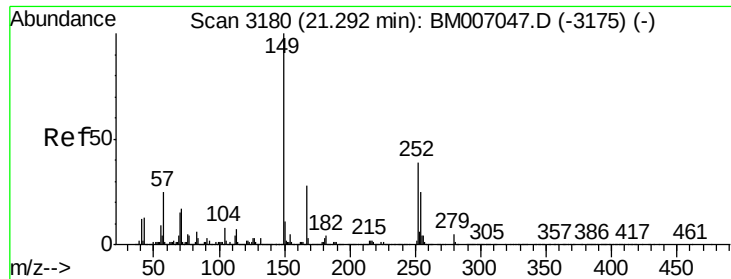


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.11 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0206-01

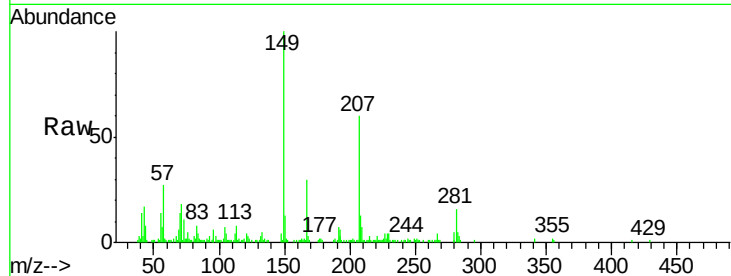
Tgt Ion:149 Resp: 62497

Ion Ratio Lower Upper

149 100

167 30.3 23.2 34.8

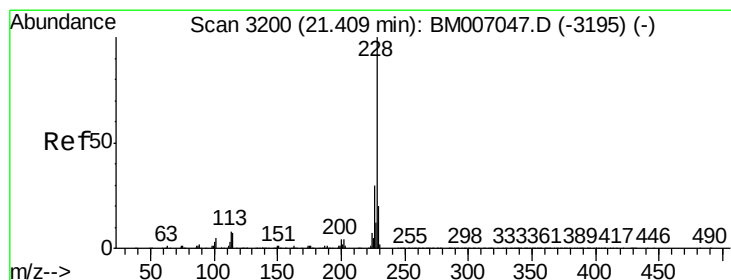
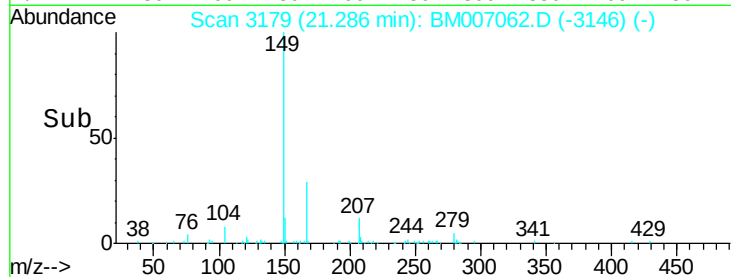
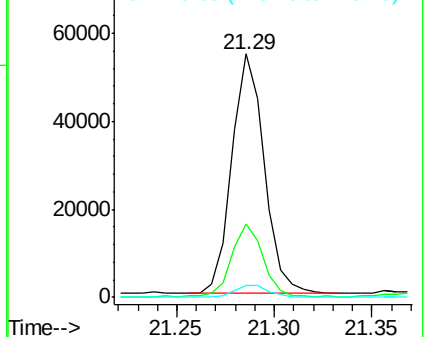
279 5.0 4.1 6.1



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



#82

Chrysene

Concen: 2.10 ng/ul

RT: 21.40 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

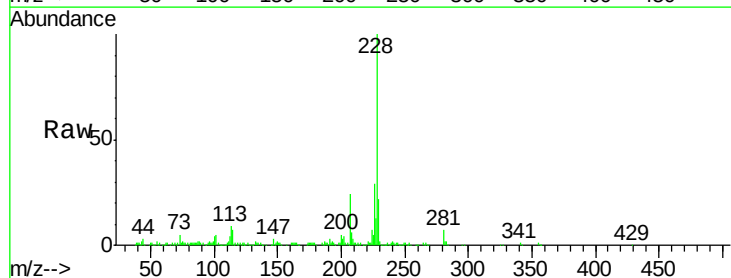
Tgt Ion:228 Resp: 200090

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.2

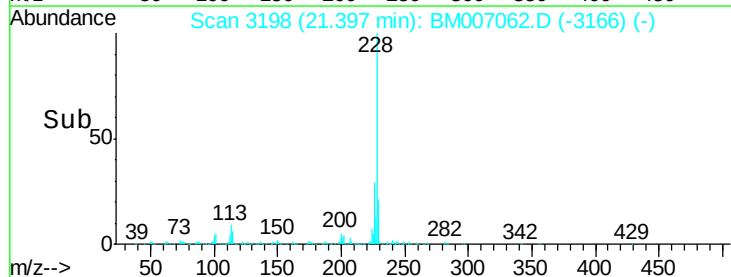
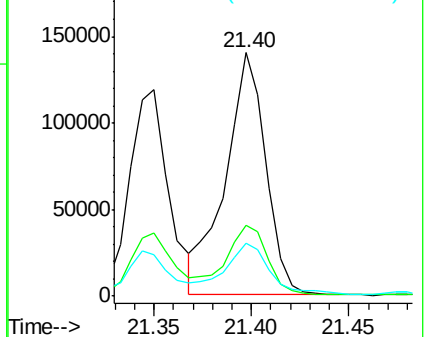
229 21.7 15.5 23.3

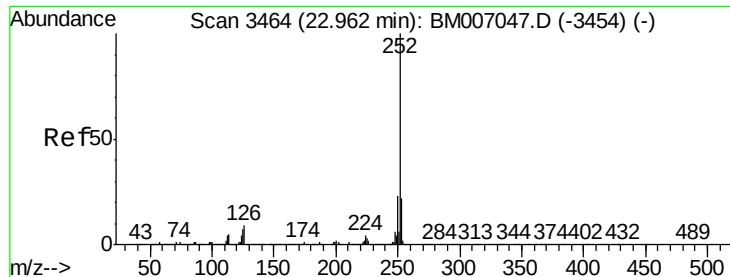


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.33 ng/ul

RT: 22.95 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

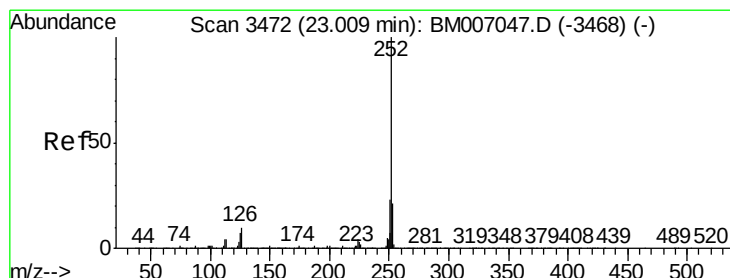
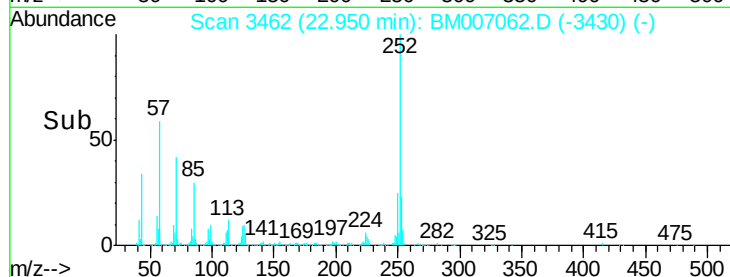
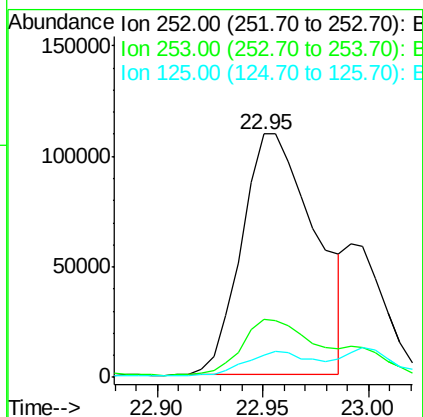
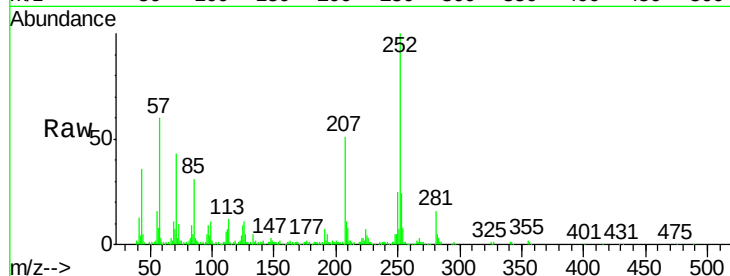
Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0206-01

Tgt Ion:	252	Resp:	263097
Ion Ratio		Lower	Upper
252	100		
253	23.9	17.1	25.7
125	9.3	5.8	8.8#



#86

Benzo(k)fluoranthene

Concen: 2.48 ng/ul

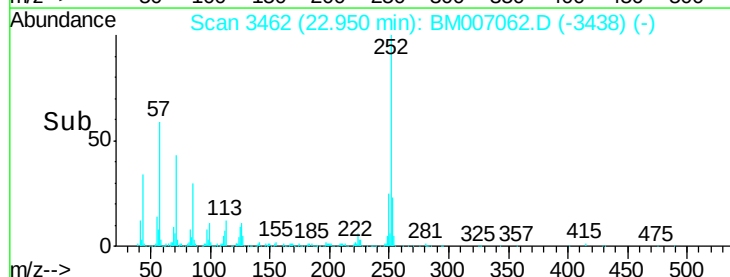
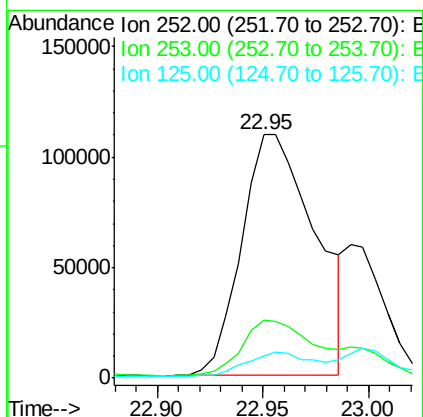
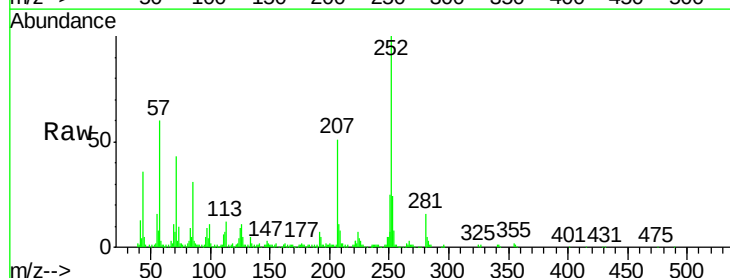
RT: 22.95 min Scan# 3462

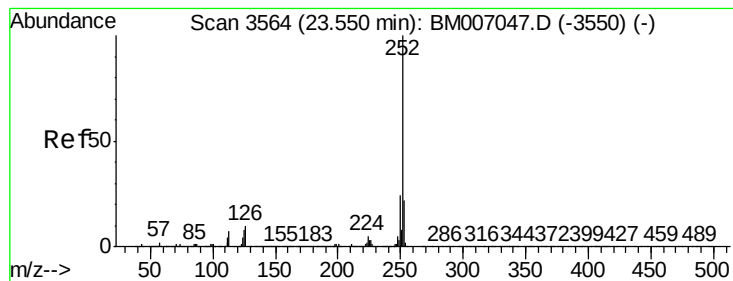
Delta R.T. -0.06 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

Tgt Ion:	252	Resp:	263097
Ion Ratio		Lower	Upper
252	100		
253	23.9	17.6	26.4
125	9.3	5.7	8.5#





#88

Benzo(a)pyrene

Concen: 1.70 ng/ul

RT: 23.54 min Scan# 3562

Delta R.T. -0.01 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

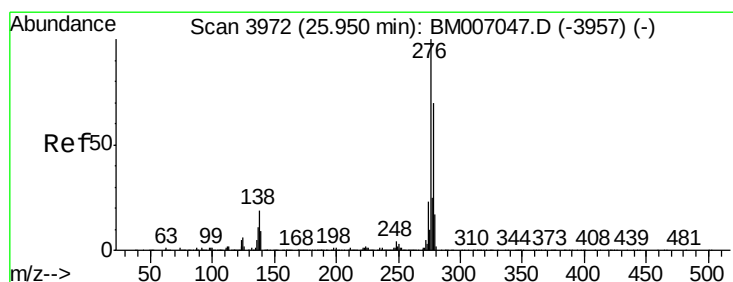
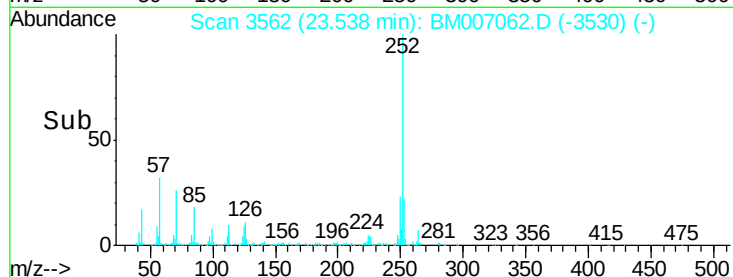
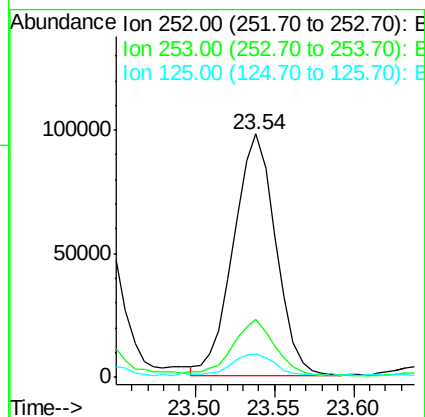
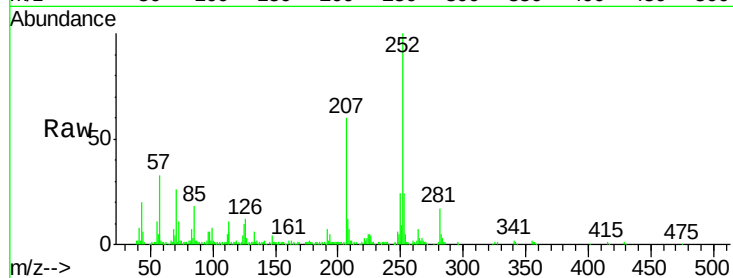
Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0206-01

Tgt Ion:	252	Resp:	181363
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.7	26.5
125	9.6	6.6	9.8



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.03 ng/ul

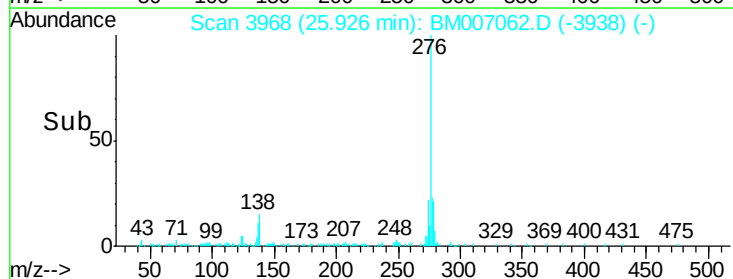
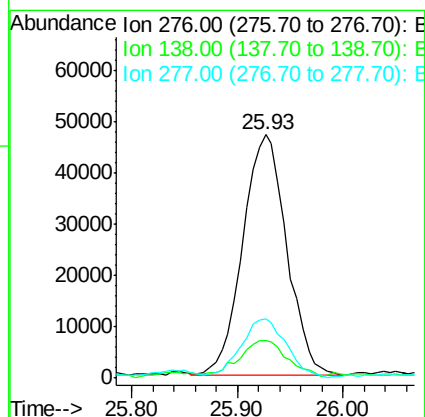
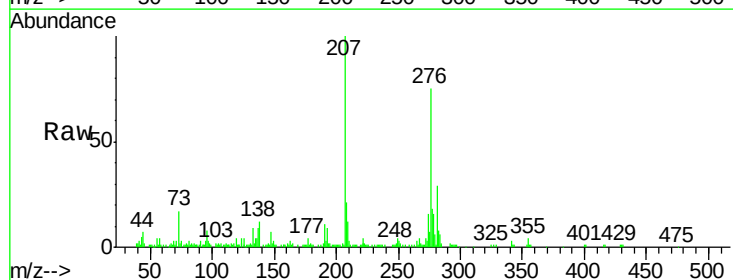
RT: 25.93 min Scan# 3968

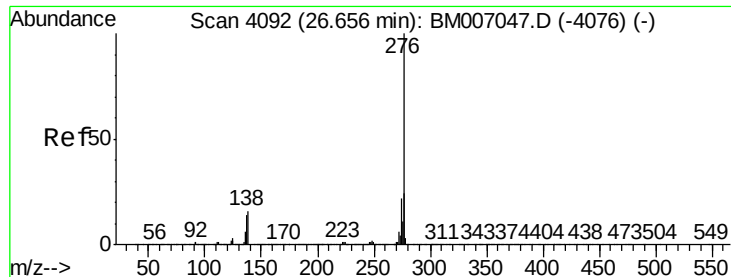
Delta R.T. -0.02 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

Tgt Ion:	276	Resp:	135476
Ion Ratio	Lower	Upper	
276	100		
138	15.6	13.9	20.9
277	24.4	20.1	30.1





#91

Benzo(g,h,i)perylene

Concen: 1.10 ng/ul

RT: 26.63 min Scan# 4087

Delta R.T. -0.03 min

Lab File: BM007062.D

Acq: 13 Aug 2016 10:44

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-0206-01

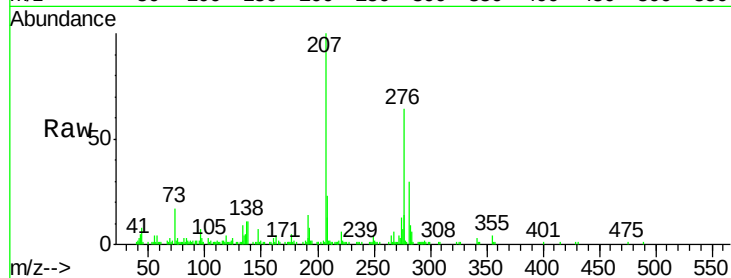
Tgt Ion: 276 Resp: 121848

Ion Ratio Lower Upper

276 100

138 17.1 13.5 20.3

277 21.6 19.3 28.9



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

