

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
 Data File : BM002226.D
 Acq On : 05 Aug 2015 01:07
 Operator : TP/UM
 Sample : G3095-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01R9RE

Quant Time: Aug 05 05:32:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 05 02:56:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	57300	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	243946	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	144846	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	317252	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	347807	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	334675	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	2668	2.64	ng/uL	0.00
5) Phenol-d5	6.72	99	53678	12.61	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	29296	13.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	47318	13.01	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	39116	11.06	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	21815	12.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	24508	11.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	45336	11.36	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	37463	8.48	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	126413	12.00	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	140466	10.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	11454	8.39	ng/ul	0.02
58) Fluorene-d10	15.20	176	95820	10.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	2835	1.55	ng/ul	0.01
71) Anthracene-d10	17.06	188	140868	9.98	ng/ul	0.00
79) Pyrene-d10	19.37	212	150119	9.02	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.22	264	183453	11.29	ng/ul	0.01

Target Compounds

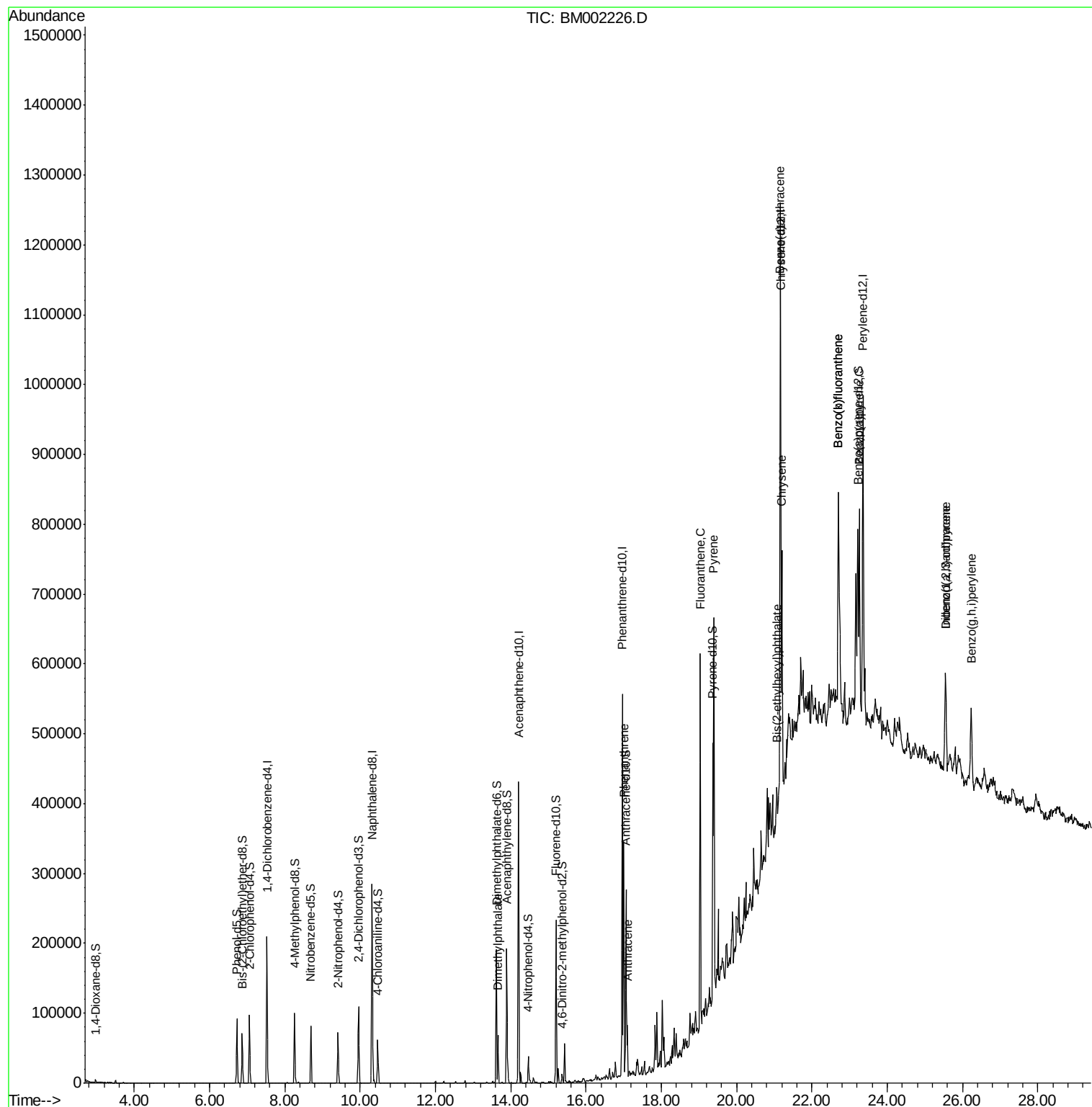
						Qvalue
45) Dimethylphthalate	13.66	163	45260	4.31	ng/ul	98
70) Phenanthrene	17.00	178	200893	12.33	ng/ul	99
72) Anthracene	17.09	178	44956	2.70	ng/ul	100
77) Fluoranthene	19.03	202	315504	17.70	ng/ul	99
80) Pyrene	19.39	202	345038	16.14	ng/ul	99
83) Benzo(a)anthracene	21.15	228	208818	10.72	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	11981	1.09	ng/ul#	96
85) Chrysene	21.20	228	195395	10.89	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	265853	14.10	ng/ul#	94
89) Benzo(k)fluoranthene	22.70	252	160940	8.81	ng/ul#	94
91) Benzo(a)pyrene	23.26	252	202163	11.23	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.55	276	137618	6.78	ng/ul	97
93) Dibenzo(a,h)anthracene	25.54	278	40179	2.32	ng/ul#	81
94) Benzo(g,h,i)perylene	26.23	276	133075	7.87	ng/ul	95

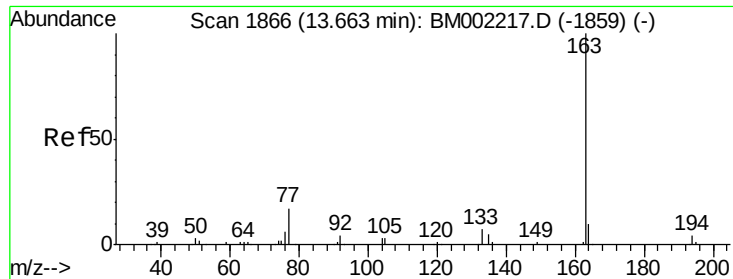
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 4.31 ng/ul

RT: 13.66 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

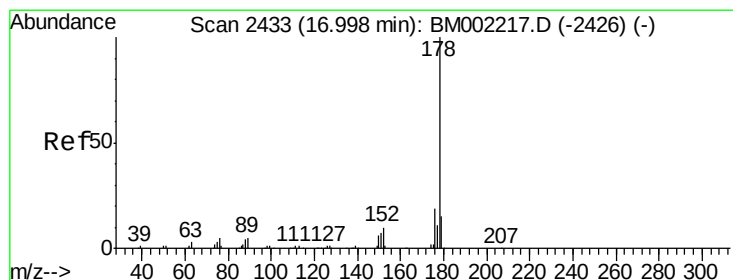
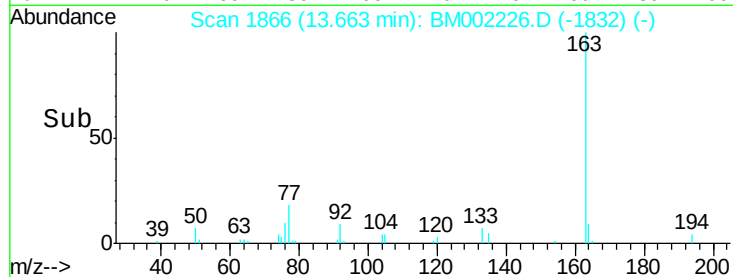
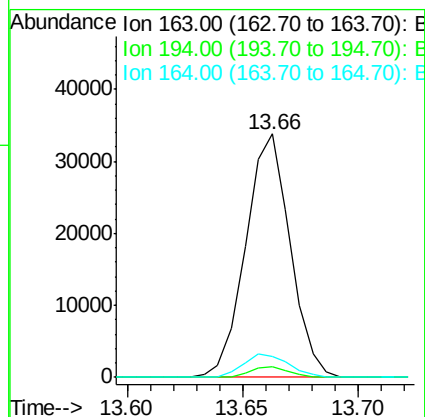
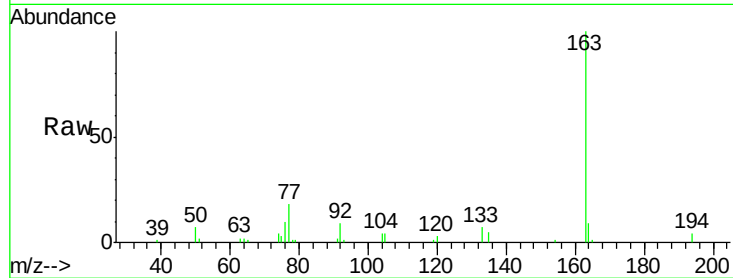
Instrument :

BNA_M

ClientSampleId :

C01R9RE

Tgt Ion:	163	Resp:	45260
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	8.8	7.9	11.9



#70

Phenanthrene

Concen: 12.33 ng/ul

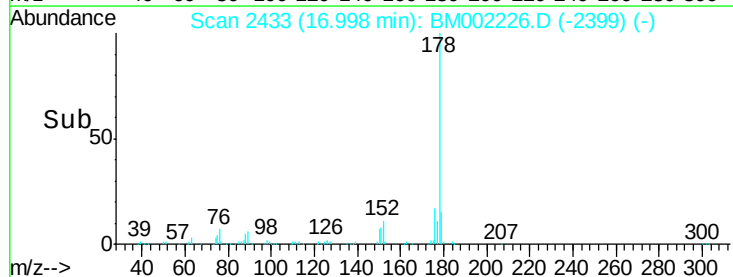
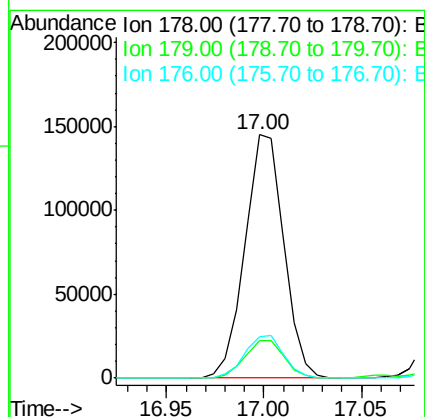
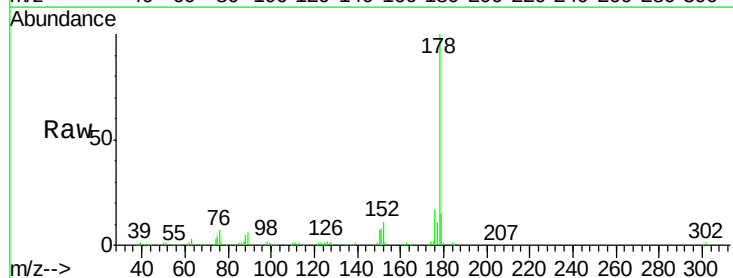
RT: 17.00 min Scan# 2433

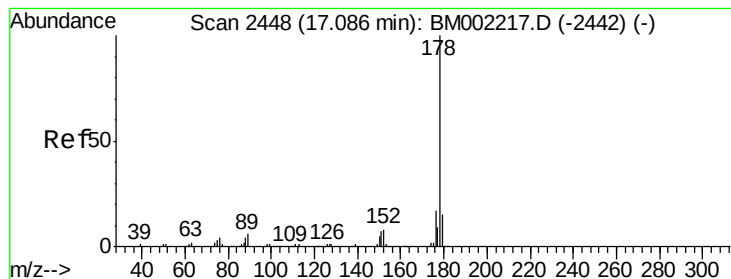
Delta R.T. 0.00 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

Tgt Ion:	178	Resp:	200893
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.2	18.4
176	17.2	14.6	21.8





#72

Anthracene

Concen: 2.70 ng/ul

RT: 17.09 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

Instrument :

BNA_M

ClientSampleId :

C01R9RE

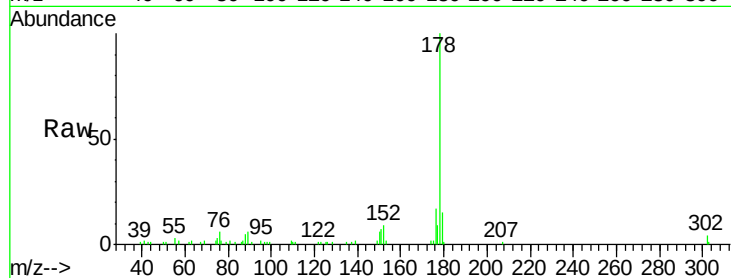
Tgt Ion:178 Resp: 44956

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

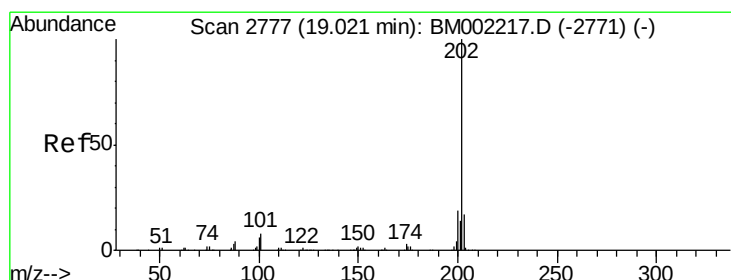
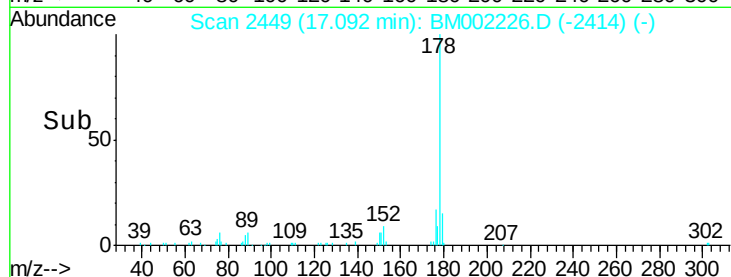
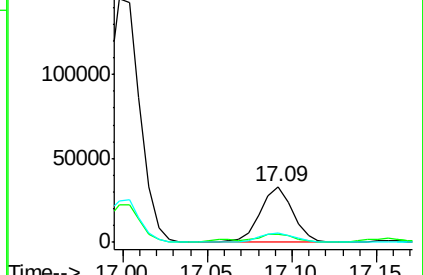
176 17.4 13.8 20.6



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: 17.70 ng/ul

RT: 19.03 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

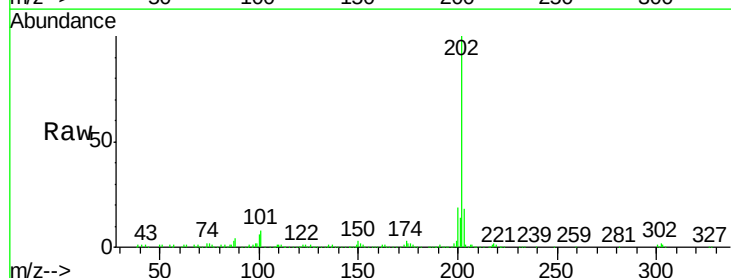
Tgt Ion:202 Resp: 315504

Ion Ratio Lower Upper

202 100

101 7.5 6.2 9.2

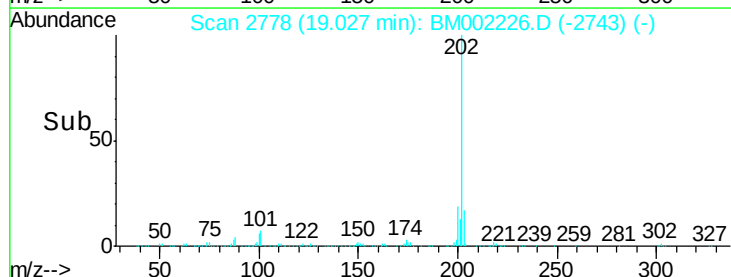
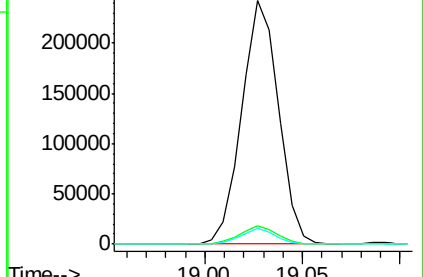
100 6.3 4.8 7.2

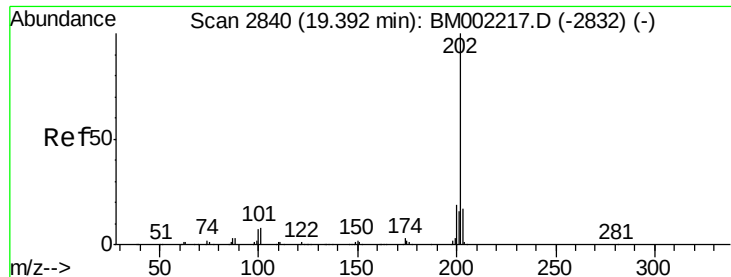


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pyrene

Concen: 16.14 ng/ul

RT: 19.39 min Scan# 2840

Delta R.T. 0.00 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

Instrument :

BNA_M

ClientSampleId :

C01R9RE

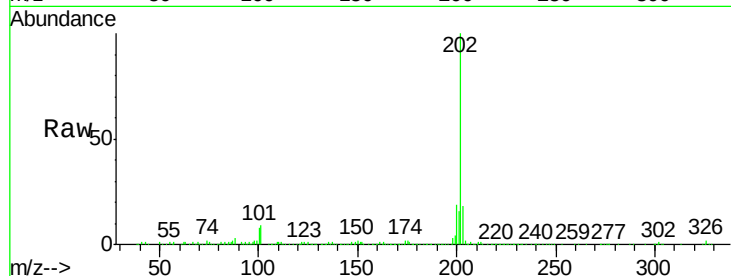
Tgt Ion:202 Resp: 345038

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.6

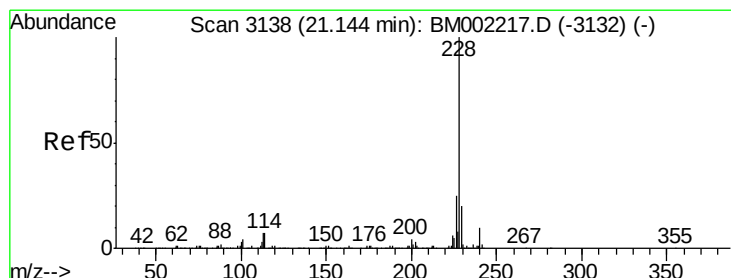
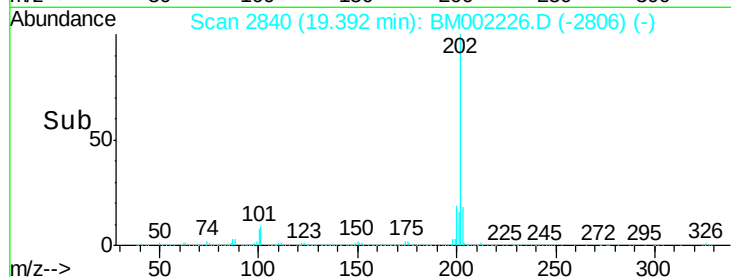
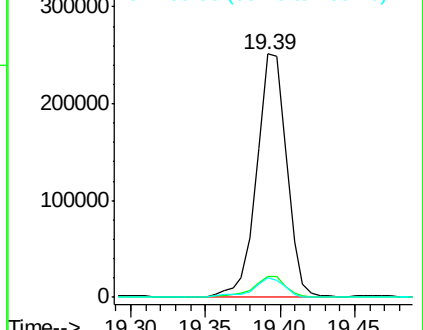
100 8.1 5.8 8.8



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



#83

Benzo(a)anthracene

Concen: 10.72 ng/ul

RT: 21.15 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

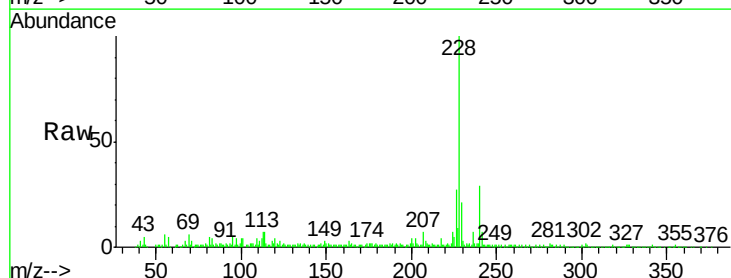
Tgt Ion:228 Resp: 208818

Ion Ratio Lower Upper

228 100

229 20.8 15.9 23.9

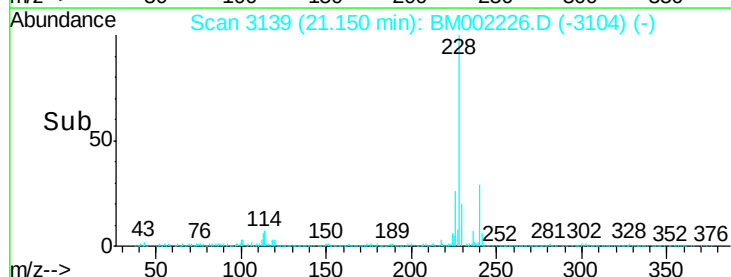
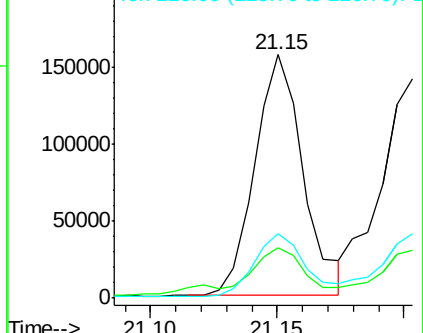
226 26.7 20.6 31.0

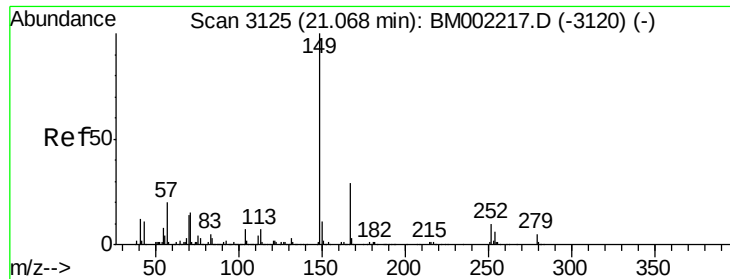


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.09 ng/ul

RT: 21.07 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

Instrument :

BNA_M

ClientSampleId :

C01R9RE

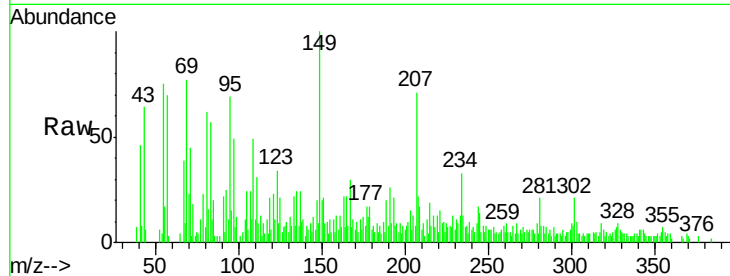
Tgt Ion:149 Resp: 11981

Ion Ratio Lower Upper

149 100

167 30.4 23.0 34.4

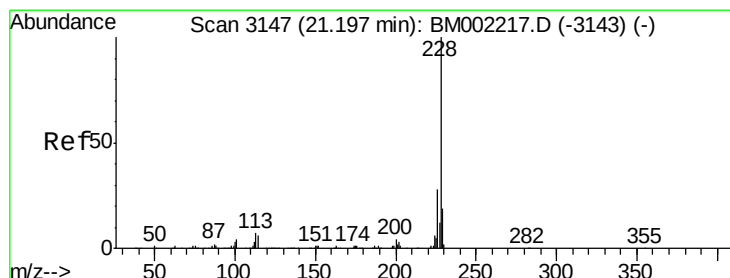
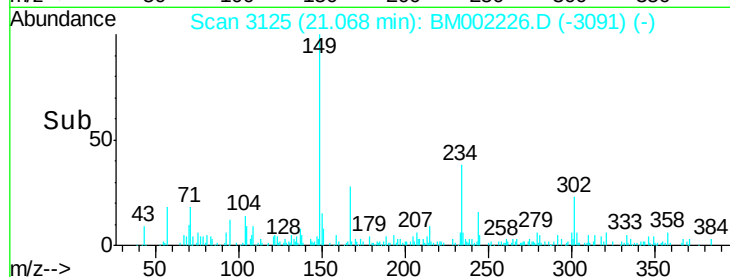
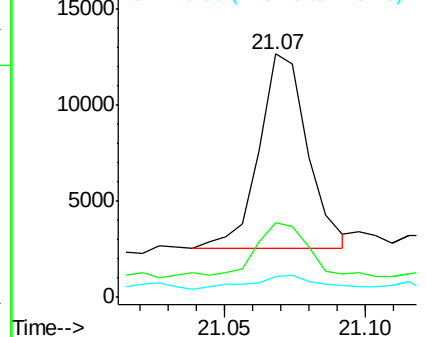
279 8.7 4.0 6.0#



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: 10.89 ng/ul

RT: 21.20 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

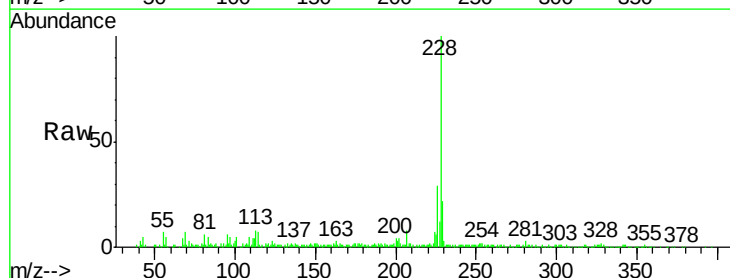
Tgt Ion:228 Resp: 195395

Ion Ratio Lower Upper

228 100

226 29.2 22.2 33.4

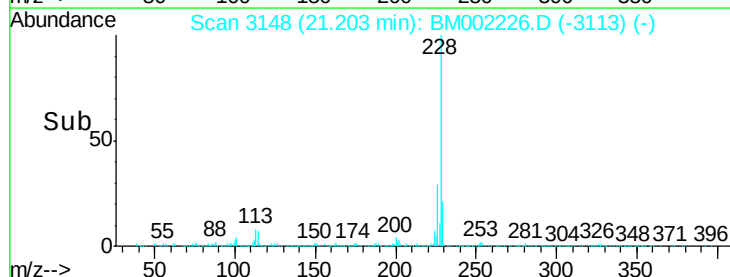
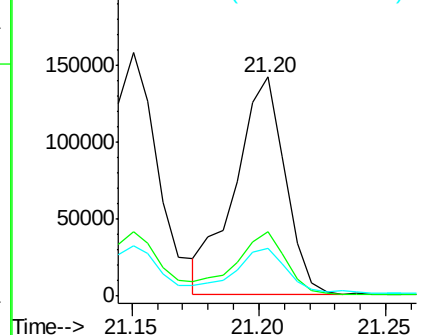
229 22.0 15.5 23.3

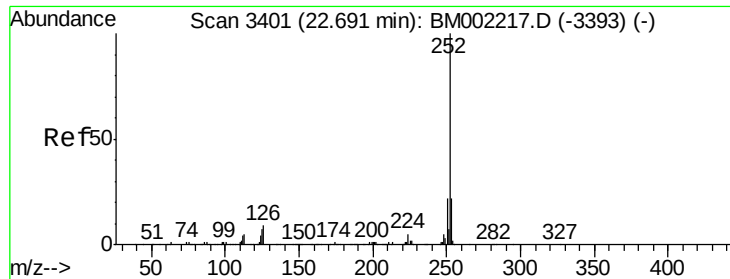


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

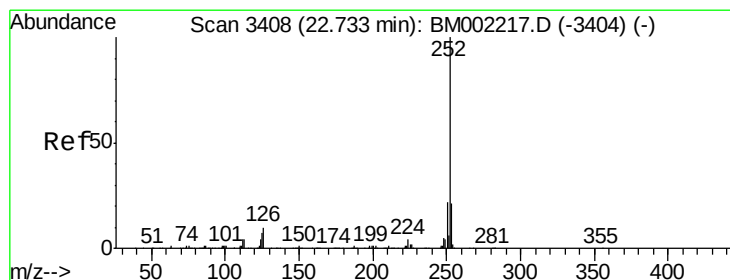
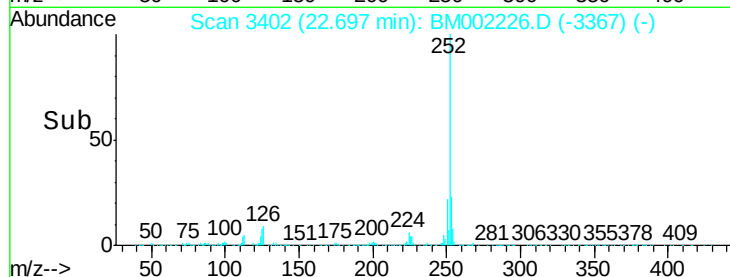
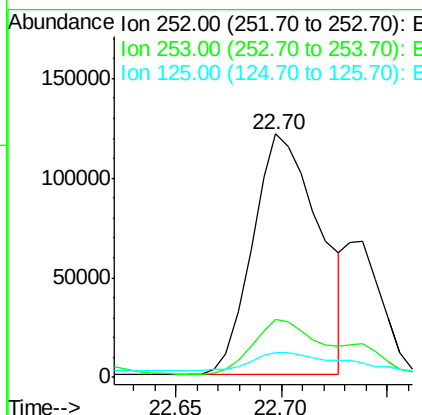
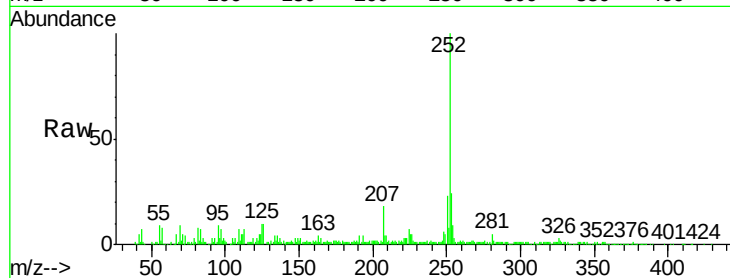




#88
Benzo(b)fluoranthene
Concen: 14.10 ng/ul
RT: 22.70 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

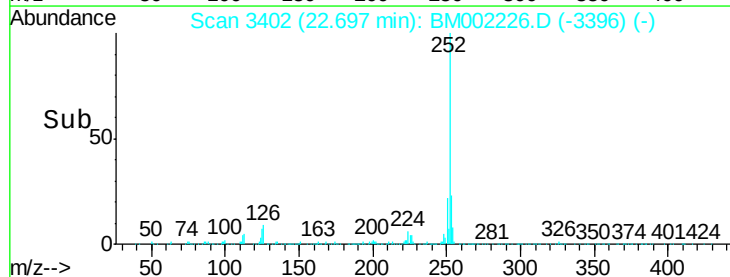
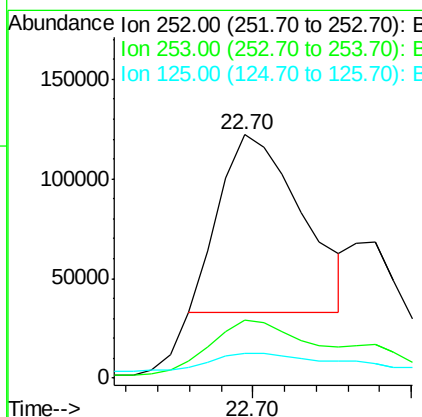
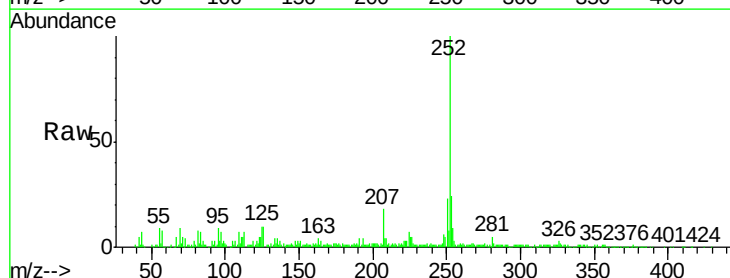
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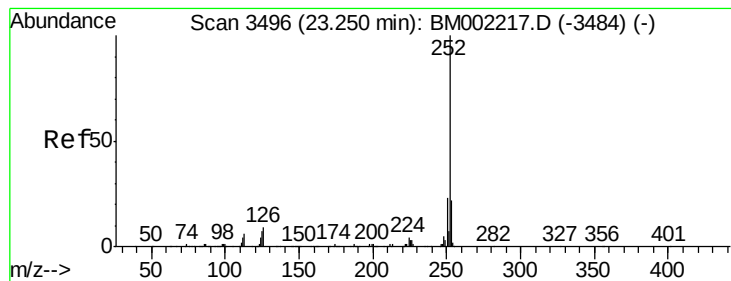
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	10.3	5.4	8.2#



#89
Benzo(k)fluoranthene
Concen: 8.81 ng/ul
RT: 22.70 min Scan# 3402
Delta R.T. -0.04 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	10.3	5.6	8.4#





#91

Benzo(a)pyrene

Concen: 11.23 ng/ul

RT: 23.26 min Scan# 3497

Delta R.T. 0.01 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

Instrument :

BNA_M

ClientSampleId :

C01R9RE

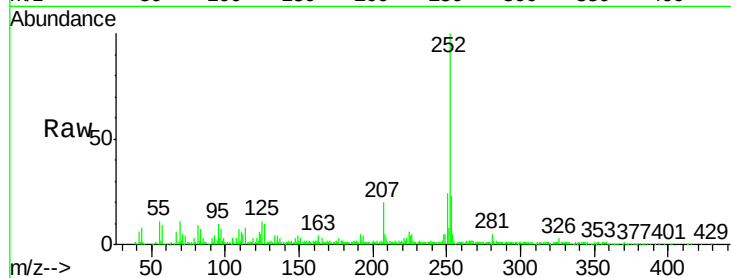
Tgt Ion: 252 Resp: 202163

Ion Ratio Lower Upper

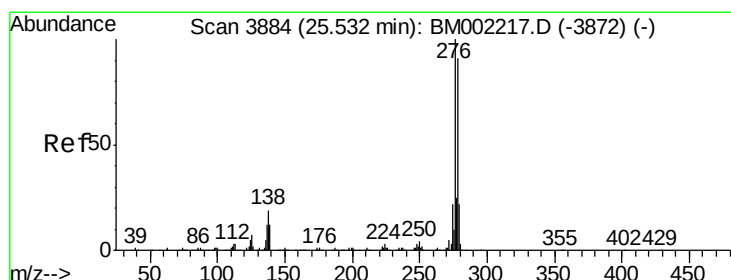
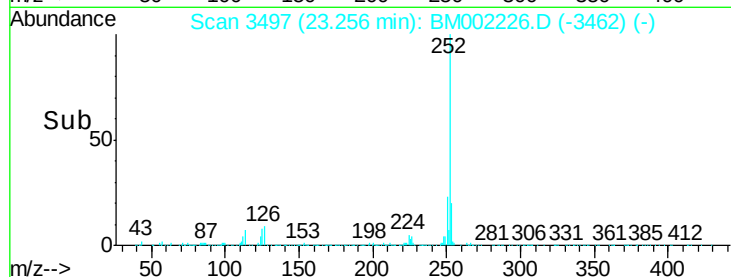
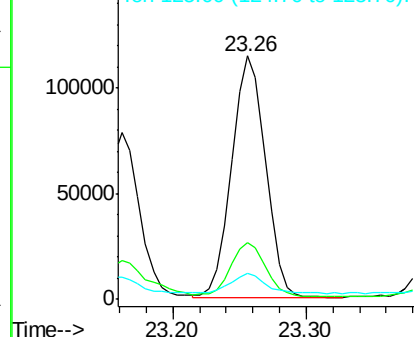
252 100

253 23.4 17.4 26.0

125 10.6 6.1 9.1#



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: 6.78 ng/ul

RT: 25.55 min Scan# 3887

Delta R.T. 0.02 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

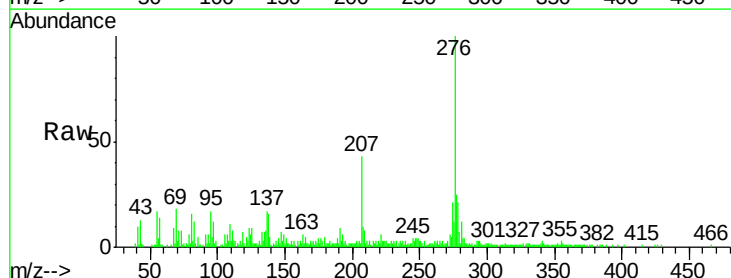
Tgt Ion: 276 Resp: 137618

Ion Ratio Lower Upper

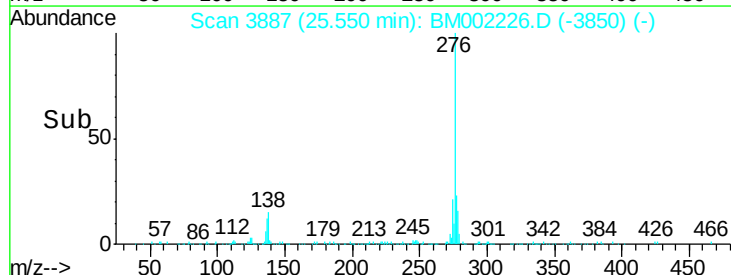
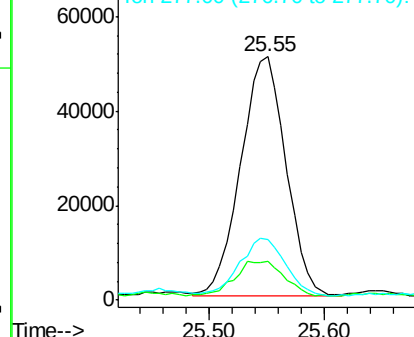
276 100

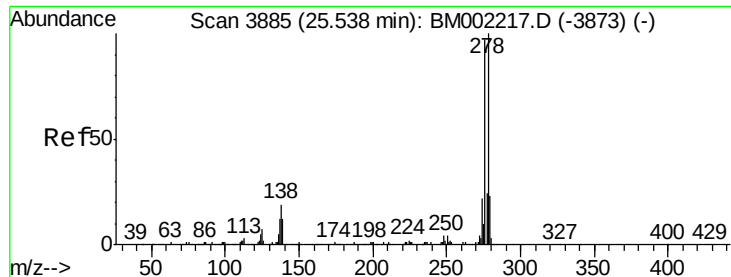
138 16.1 15.4 23.0

277 25.1 20.2 30.2



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

Dibenzo(a,h)anthracene

Concen: 2.32 ng/ul

RT: 25.54 min Scan# 3885

Delta R.T. 0.00 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

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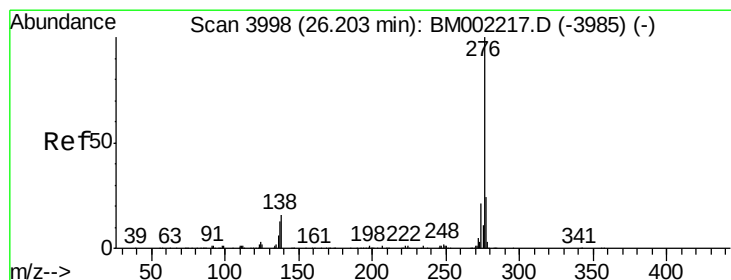
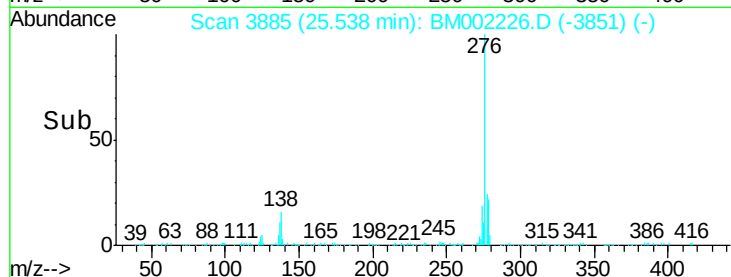
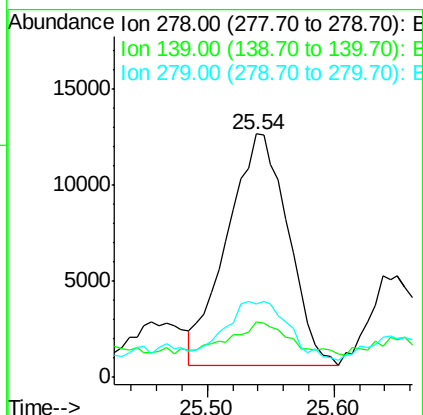
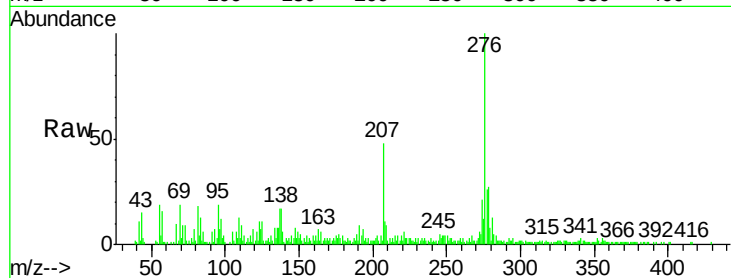
Tgt Ion:278 Resp: 40179

Ion Ratio Lower Upper

278 100

139 22.9 10.4 15.6#

279 29.9 17.9 26.9#



#94

Benzo(g,h,i)perylene

Concen: 7.87 ng/ul

RT: 26.23 min Scan# 4002

Delta R.T. 0.02 min

Lab File: BM002226.D

Acq: 05 Aug 2015 01:07

Tgt Ion:276 Resp: 133075

Ion Ratio Lower Upper

276 100

138 17.4 12.5 18.7

277 26.6 19.4 29.0

