

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
 Data File : BM002221.D
 Acq On : 04 Aug 2015 22:05
 Operator : TP/UM
 Sample : G3073-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01L3RE

Quant Time: Aug 05 02:57:39 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	67049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	275266	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	162818	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	363504	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	403598	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	379833	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	3498	2.96	ng/uL	0.00
5) Phenol-d5	6.72	99	77703	15.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	41311	15.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	67332	15.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	63194	15.28	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	31495	15.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	36174	15.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	67067	14.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	63013	12.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	187046	15.79	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	228196	15.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	18943	12.35	ng/ul	0.00
58) Fluorene-d10	15.20	176	156711	14.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	13291	6.35	ng/ul	0.00
71) Anthracene-d10	17.05	188	234208	14.48	ng/ul	0.00
79) Pyrene-d10	19.36	212	247493	12.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	272112	14.75	ng/ul	0.00

Target Compounds

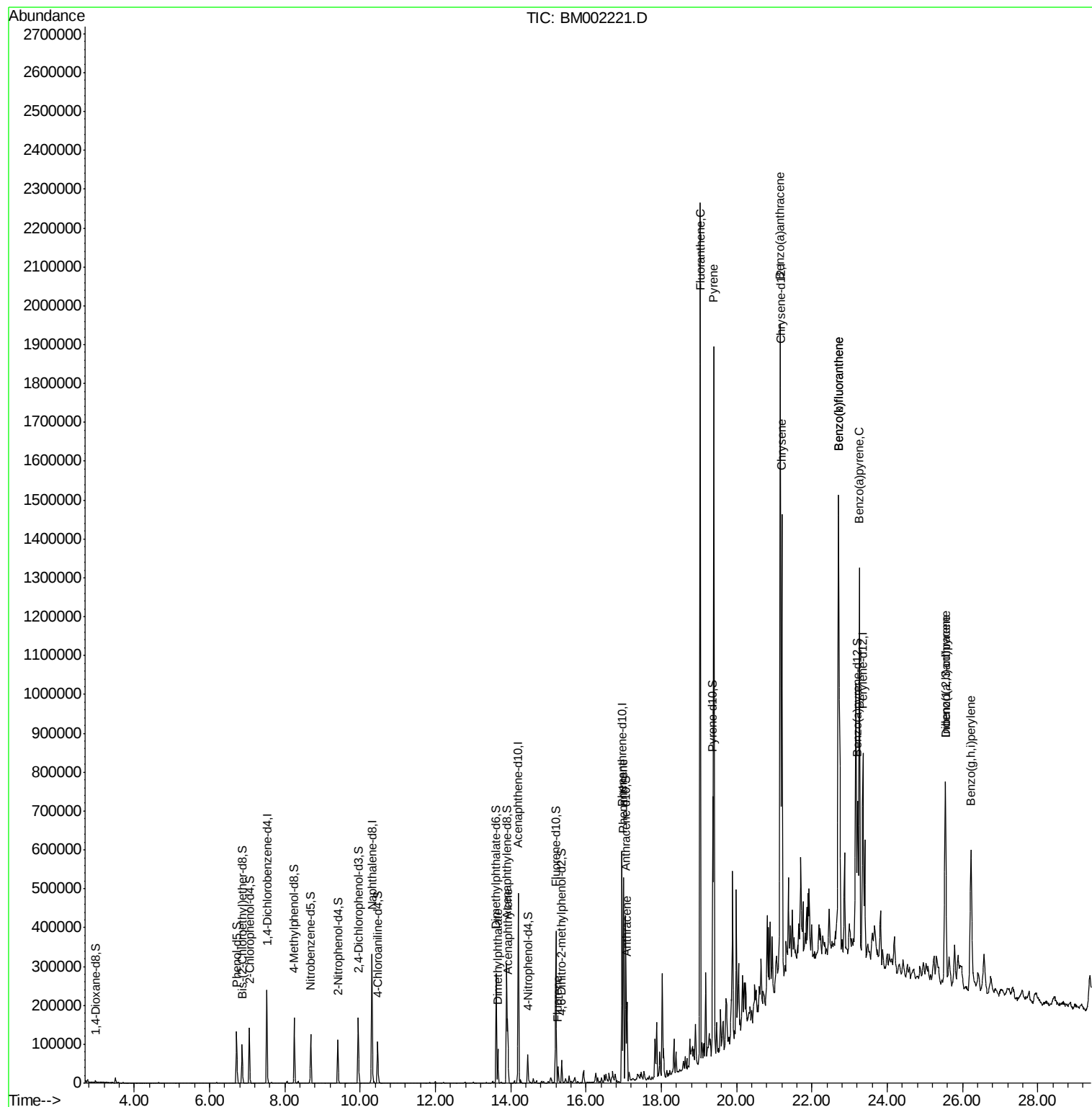
						Qvalue
45) Dimethylphthalate	13.66	163	53493	4.53	ng/ul	99
48) Acenaphthylene	13.92	152	119624	7.84	ng/ul	100
59) Fluorene	15.25	166	20794	1.75	ng/ul#	96
70) Phenanthrene	17.00	178	323963	17.36	ng/ul	100
72) Anthracene	17.09	178	127173	6.67	ng/ul	98
77) Fluoranthene	19.03	202	1354040	66.29	ng/ul	99
80) Pyrene	19.39	202	1081638	43.60	ng/ul	99
83) Benzo(a)anthracene	21.15	228	755728	33.42	ng/ul	94
85) Chrysene	21.20	228	701787	33.71	ng/ul	98
88) Benzo(b)fluoranthene	22.70	252	1064587	49.74	ng/ul	98
89) Benzo(k)fluoranthene	22.70	252	617514	29.79	ng/ul	98
91) Benzo(a)pyrene	23.26	252	693709	33.94	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.54	276	492053	21.36	ng/ul	97
93) Dibenzo(a,h)anthracene	25.54	278	140156	7.14	ng/ul#	82
94) Benzo(g,h,i)perylene	26.22	276	414752	21.62	ng/ul	100

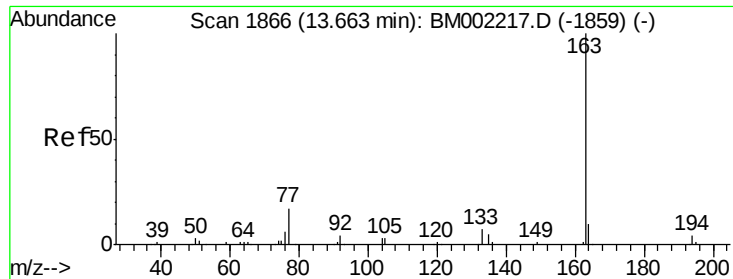
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:56:04 2015
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 4.53 ng/ul

RT: 13.66 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

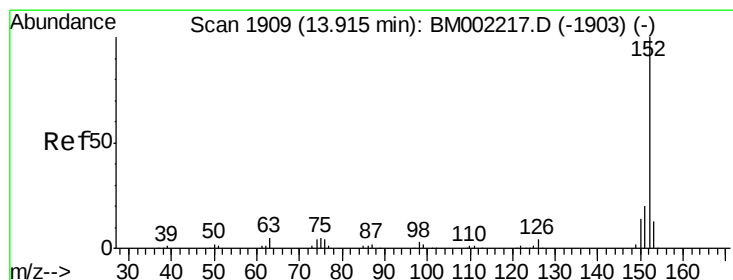
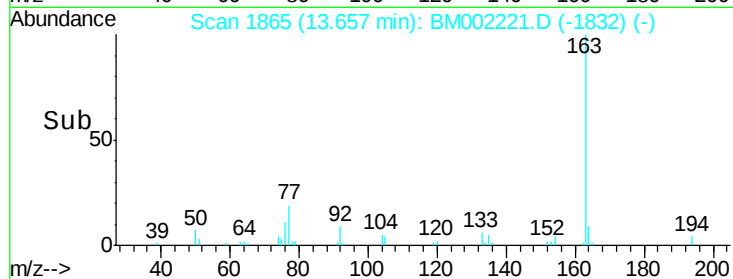
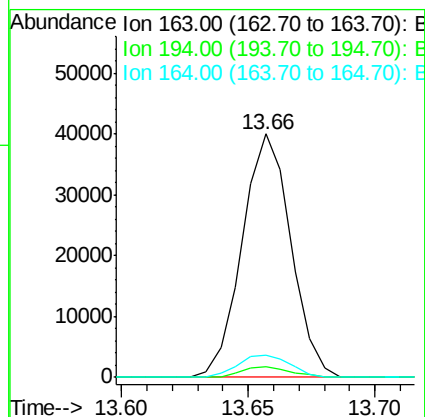
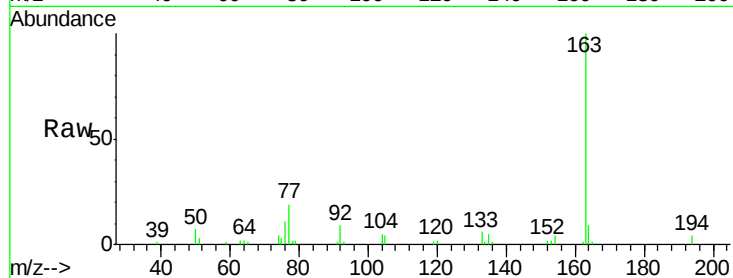
Instrument :

BNA_M

ClientSampleId :

C01L3RE

Tgt Ion:	163	Resp:	53493
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.3	7.9	11.9



#48

Acenaphthylene

Concen: 7.84 ng/ul

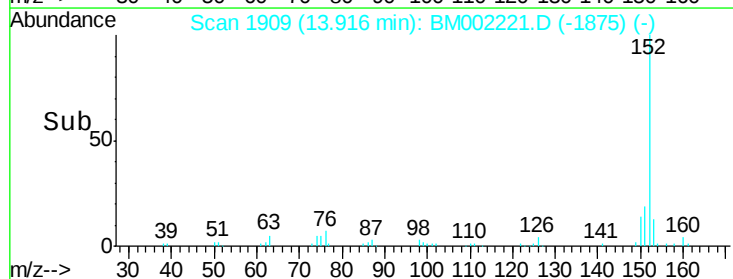
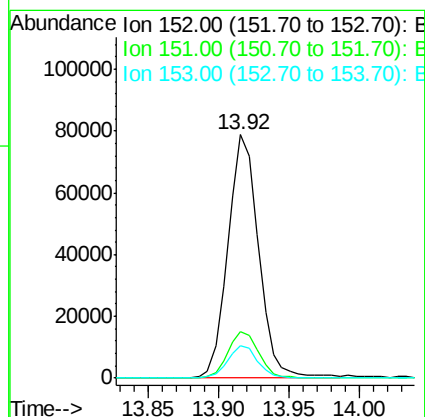
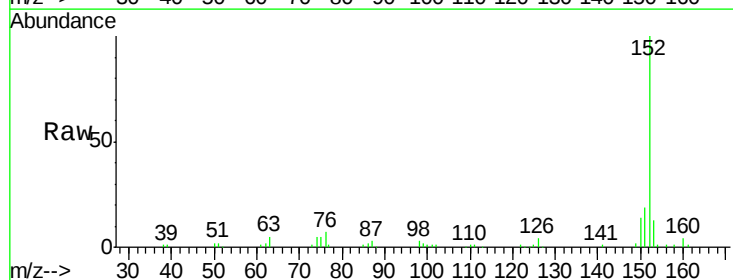
RT: 13.92 min Scan# 1909

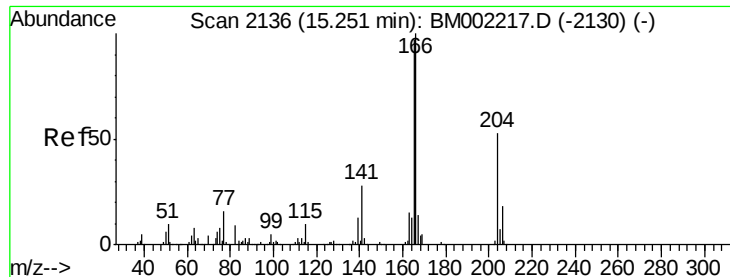
Delta R.T. 0.00 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

Tgt Ion:	152	Resp:	119624
Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8
153	13.2	10.3	15.5





#59

Fluorene

Concen: 1.75 ng/ul

RT: 15.25 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

Instrument :

BNA_M

ClientSampleId :

C01L3RE

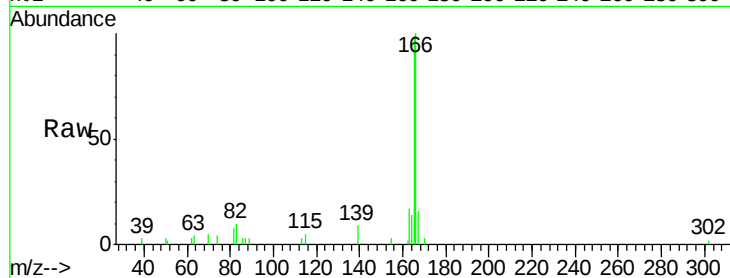
Tgt Ion:166 Resp: 20794

Ion Ratio Lower Upper

166 100

165 98.7 76.0 114.0

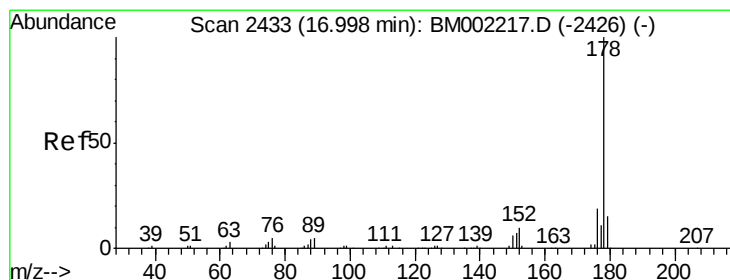
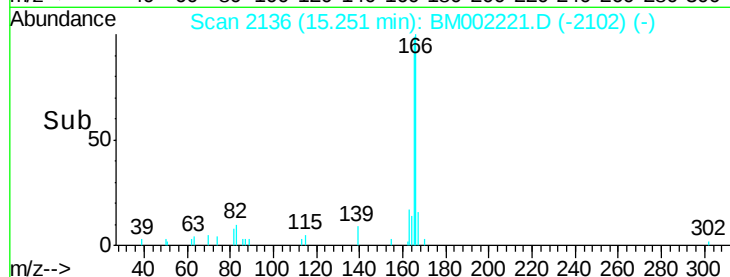
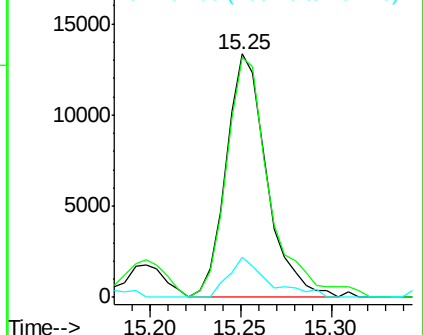
167 16.3 10.5 15.7#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 17.36 ng/ul

RT: 17.00 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

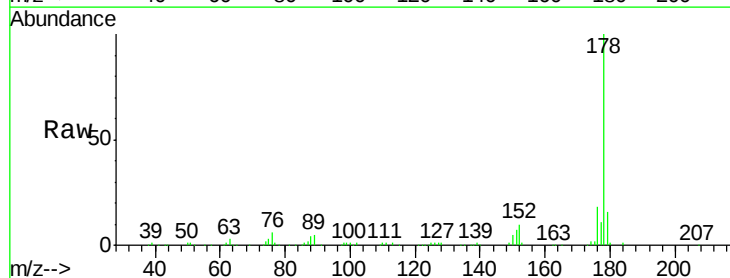
Tgt Ion:178 Resp: 323963

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

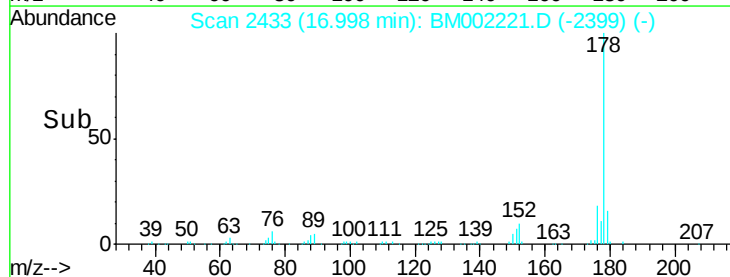
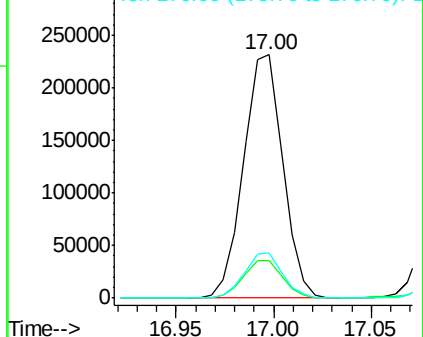
176 18.3 14.6 21.8

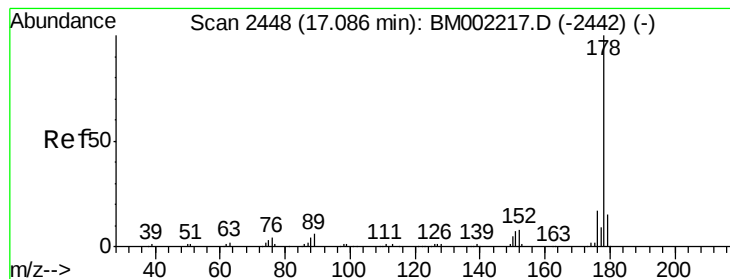


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 6.67 ng/ul

RT: 17.09 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

Instrument :

BNA_M

ClientSampleId :

C01L3RE

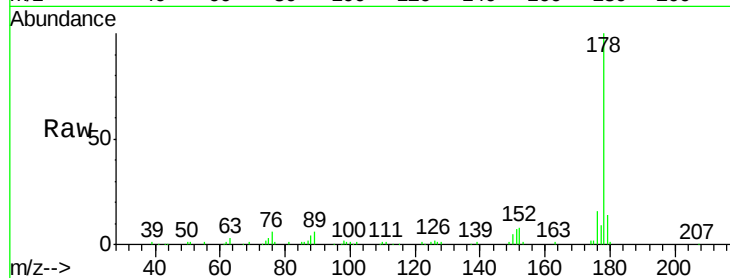
Tgt Ion:178 Resp: 127173

Ion Ratio Lower Upper

178 100

179 14.5 12.2 18.2

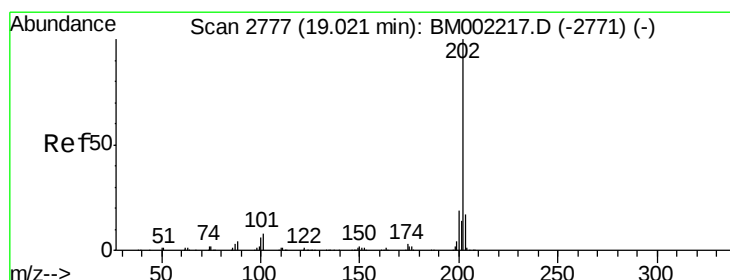
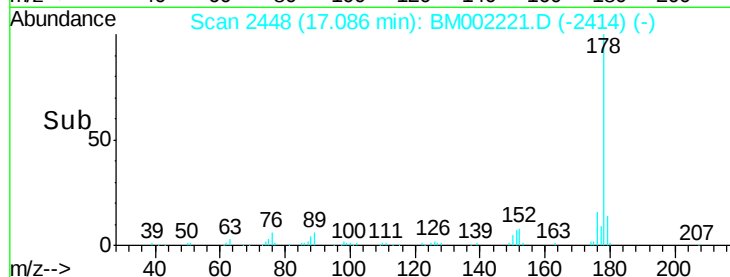
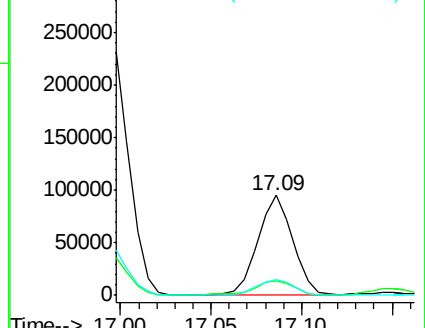
176 16.0 13.8 20.6



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: 66.29 ng/ul

RT: 19.03 min Scan# 2778

Delta R.T. 0.01 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

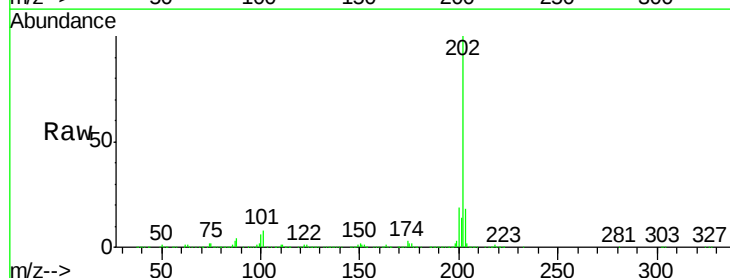
Tgt Ion:202 Resp: 1354040

Ion Ratio Lower Upper

202 100

101 8.0 6.2 9.2

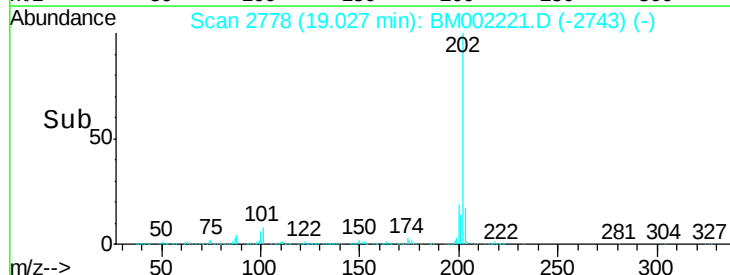
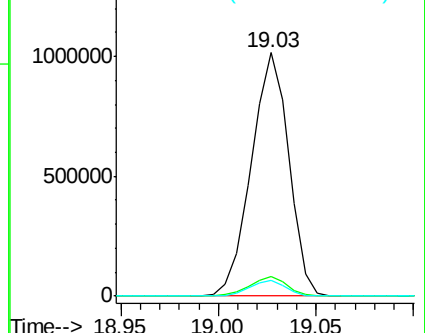
100 6.3 4.8 7.2

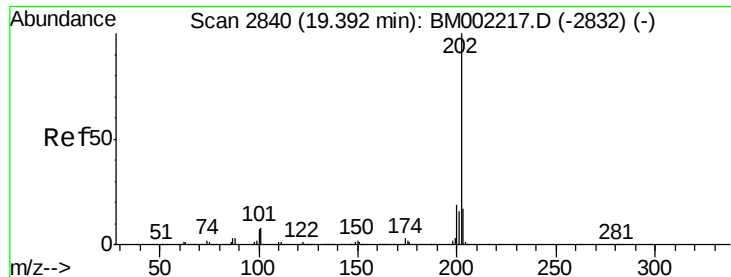


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

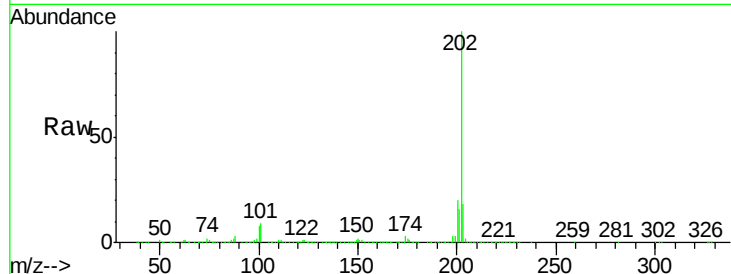




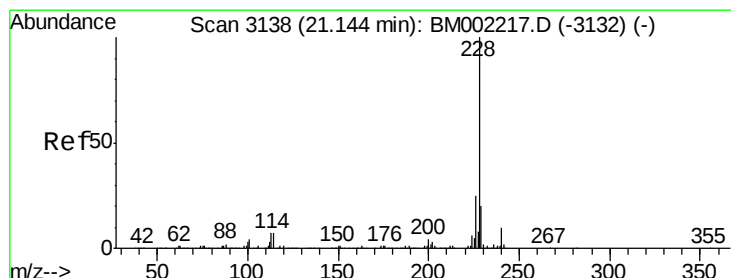
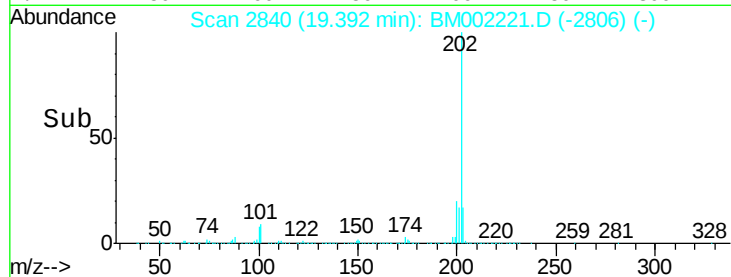
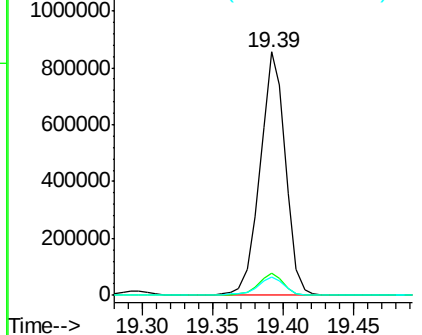
#80
 Pyrene
 Concen: 43.60 ng/ul
 RT: 19.39 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BM002221.D
 Acq: 04 Aug 2015 22:05

Instrument :
 BNA_M
 ClientSampleId :
 C01L3RE

Tgt Ion:202 Resp: 1081638
 Ion Ratio Lower Upper
 202 100
 101 9.1 7.0 10.6
 100 7.7 5.8 8.8

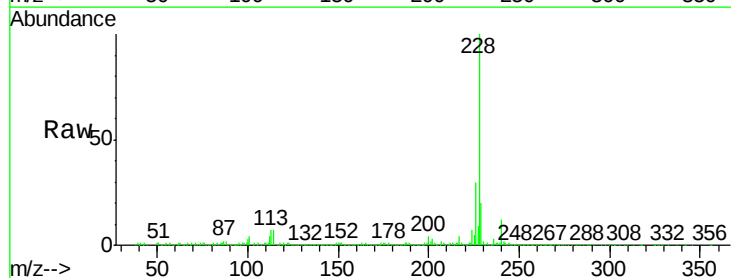


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

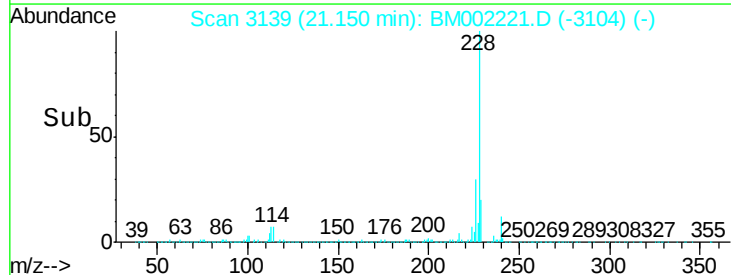
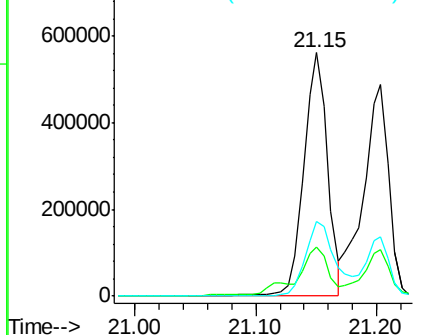


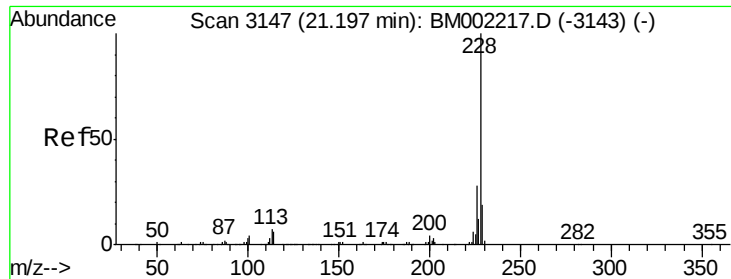
#83
 Benzo(a)anthracene
 Concen: 33.42 ng/ul
 RT: 21.15 min Scan# 3139
 Delta R.T. 0.01 min
 Lab File: BM002221.D
 Acq: 04 Aug 2015 22:05

Tgt Ion:228 Resp: 755728
 Ion Ratio Lower Upper
 228 100
 229 20.4 15.9 23.9
 226 30.5 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





#85

Chrysene

Concen: 33.71 ng/ul

RT: 21.20 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

Instrument :

BNA_M

ClientSampleId :

C01L3RE

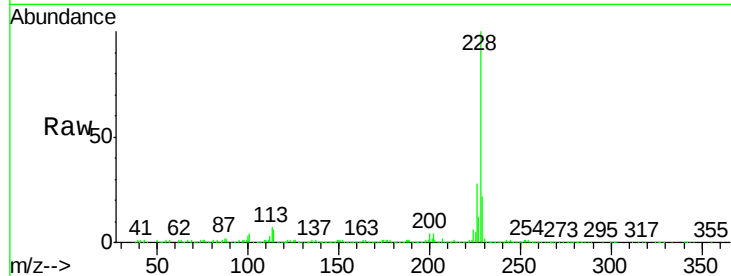
Tgt Ion:228 Resp: 701787

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.4

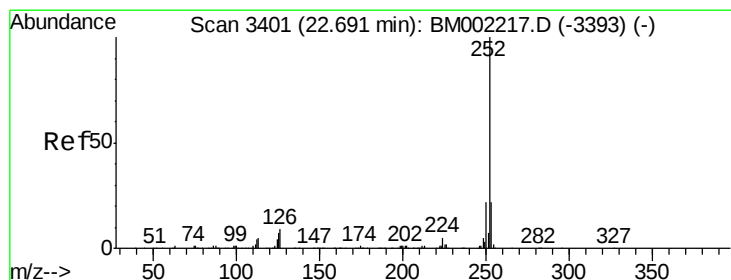
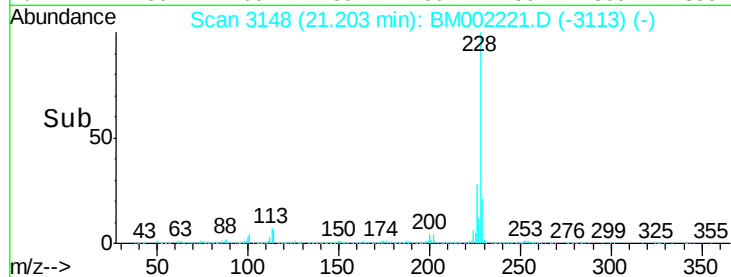
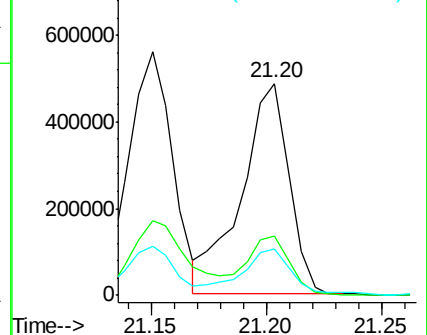
229 21.7 15.5 23.3



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



#88

Benzo(b)fluoranthene

Concen: 49.74 ng/ul

RT: 22.70 min Scan# 3403

Delta R.T. 0.01 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

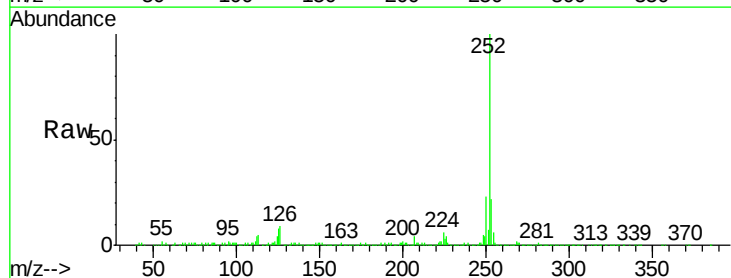
Tgt Ion:252 Resp: 1064587

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

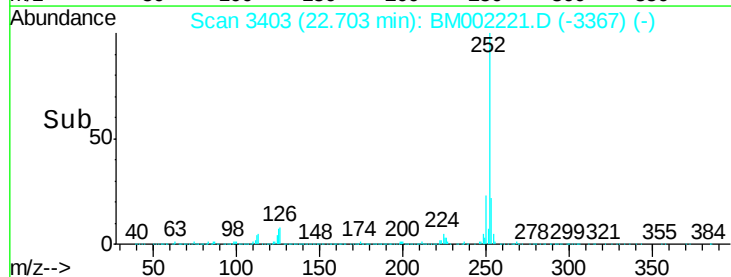
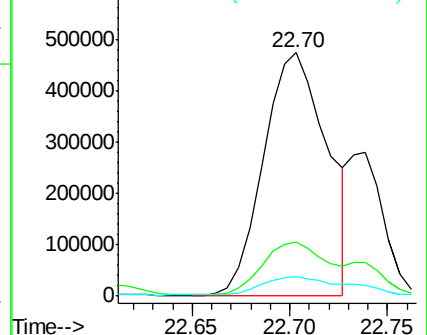
125 7.9 5.4 8.2

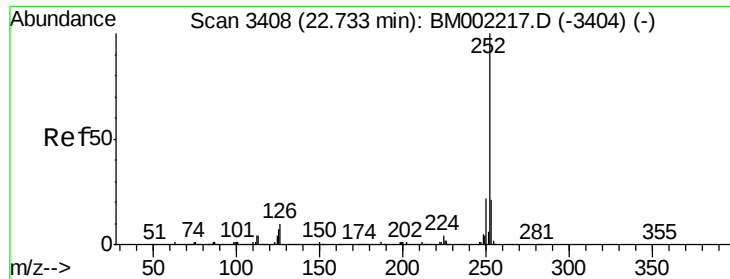


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 29.79 ng/ul

RT: 22.70 min Scan# 3403

Delta R.T. -0.03 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

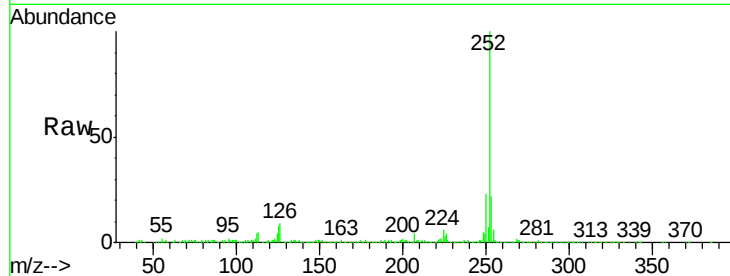
Instrument :

BNA_M

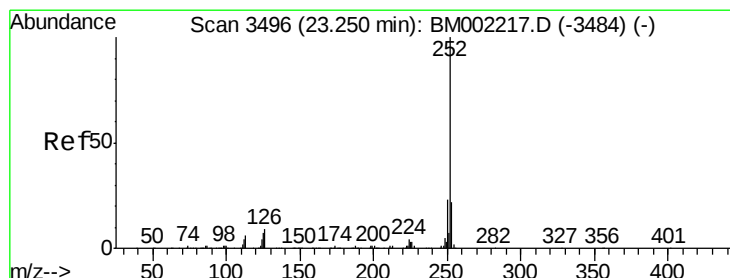
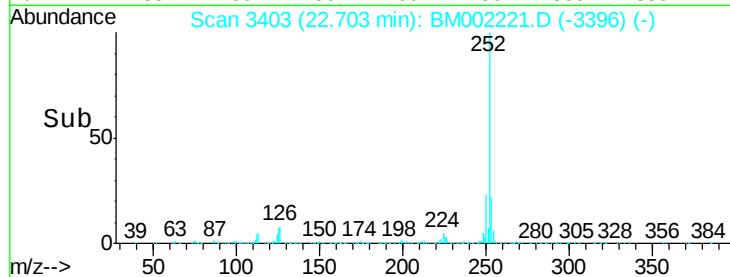
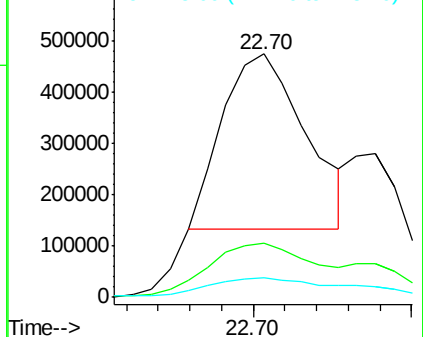
ClientSampleId :

C01L3RE

Tgt Ion:	252	Resp:	617514
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	7.9	5.6	8.4



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



#91

Benzo(a)pyrene

Concen: 33.94 ng/ul

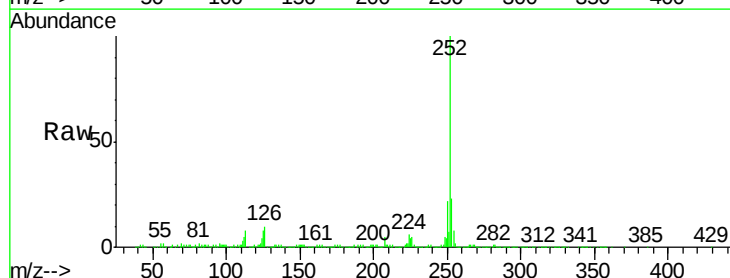
RT: 23.26 min Scan# 3497

Delta R.T. 0.01 min

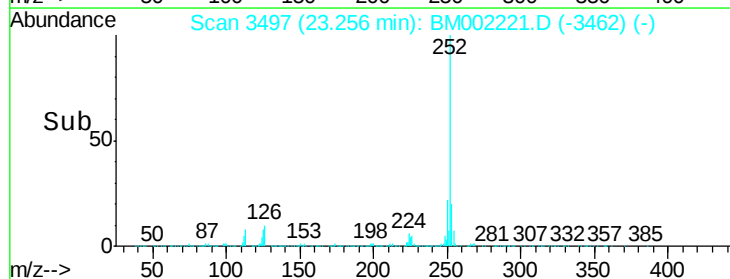
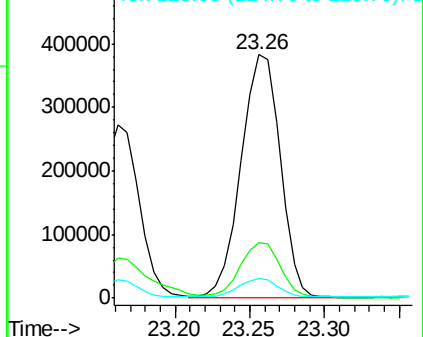
Lab File: BM002221.D

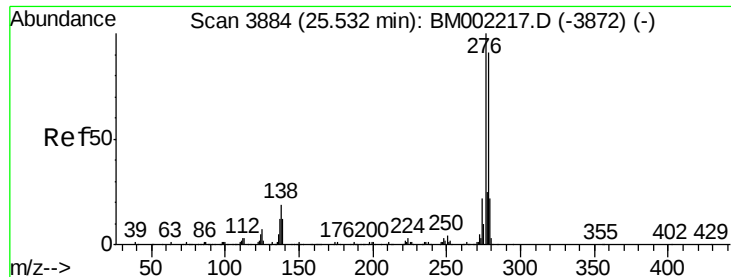
Acq: 04 Aug 2015 22:05

Tgt Ion:	252	Resp:	693709
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	8.3	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: 21.36 ng/ul

RT: 25.54 min Scan# 3886

Delta R.T. 0.01 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

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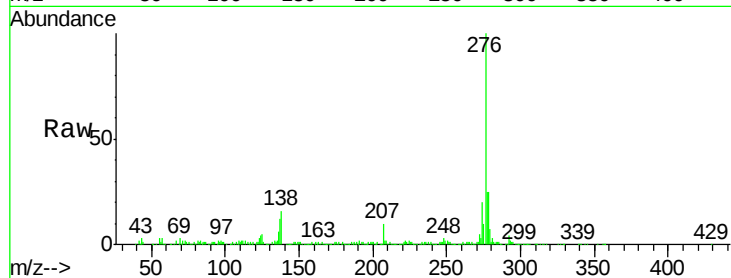
Tgt Ion:276 Resp: 492053

Ion Ratio Lower Upper

276 100

138 16.1 15.4 23.0

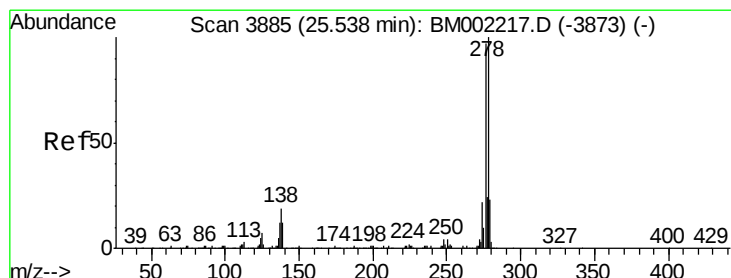
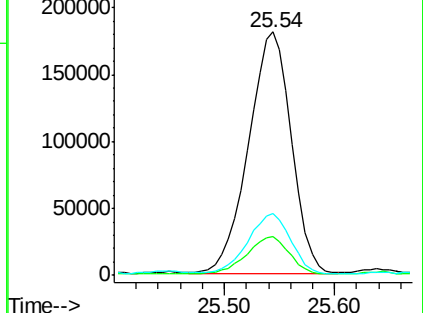
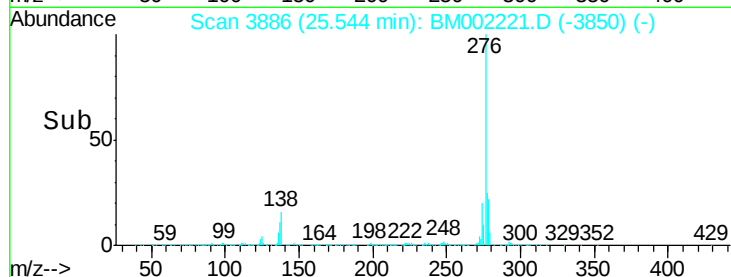
277 25.3 20.2 30.2



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: 7.14 ng/ul

RT: 25.54 min Scan# 3885

Delta R.T. 0.00 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

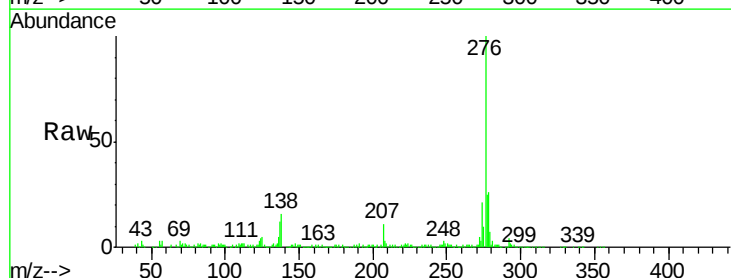
Tgt Ion:278 Resp: 140156

Ion Ratio Lower Upper

278 100

139 0.0 10.4 15.6#

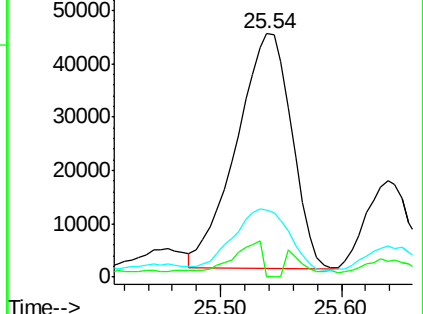
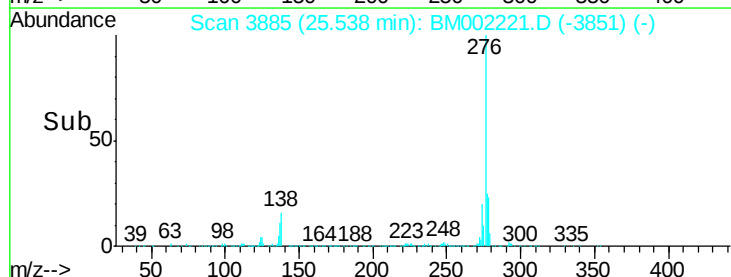
279 27.3 17.9 26.9#

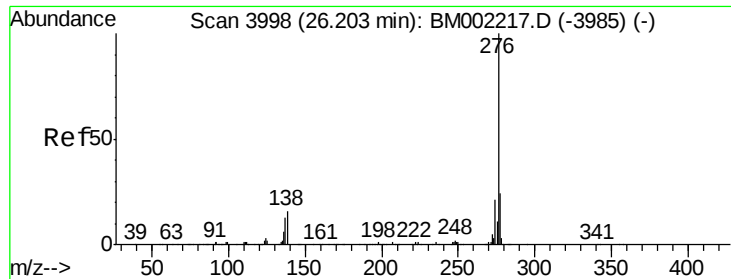


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 21.62 ng/ul

RT: 26.22 min Scan# 4001

Delta R.T. 0.02 min

Lab File: BM002221.D

Acq: 04 Aug 2015 22:05

Instrument :

BNA_M

ClientSampleId :

C01L3RE

Tgt Ion: 276 Resp: 414752

Ion Ratio Lower Upper

276 100

138 15.7 12.5 18.7

277 24.2 19.4 29.0

