

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
 Data File : BM004211.D
 Acq On : 08 Feb 2016 22:22
 Operator : SJ/IZ
 Sample : H1340-11DL 25X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C04K1DL

Quant Time: Feb 09 01:40:55 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 01:37:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	26236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	131356	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	81495	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	190118	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	225146	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	209187	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.84	99	2264	0.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	1319	0.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	2019	1.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	1148	0.52	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	657	0.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	667	0.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	1913	0.95	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	1766	0.69	ng/ul	0.02
44) Dimethylphthalate-d6	13.73	166	7941	1.13	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	9483	1.16	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.31	176	7991	1.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.16	188	12387	1.34	ng/ul	0.00
79) Pyrene-d10	19.47	212	14711	1.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	15029	1.38	ng/ul	0.00

Target Compounds

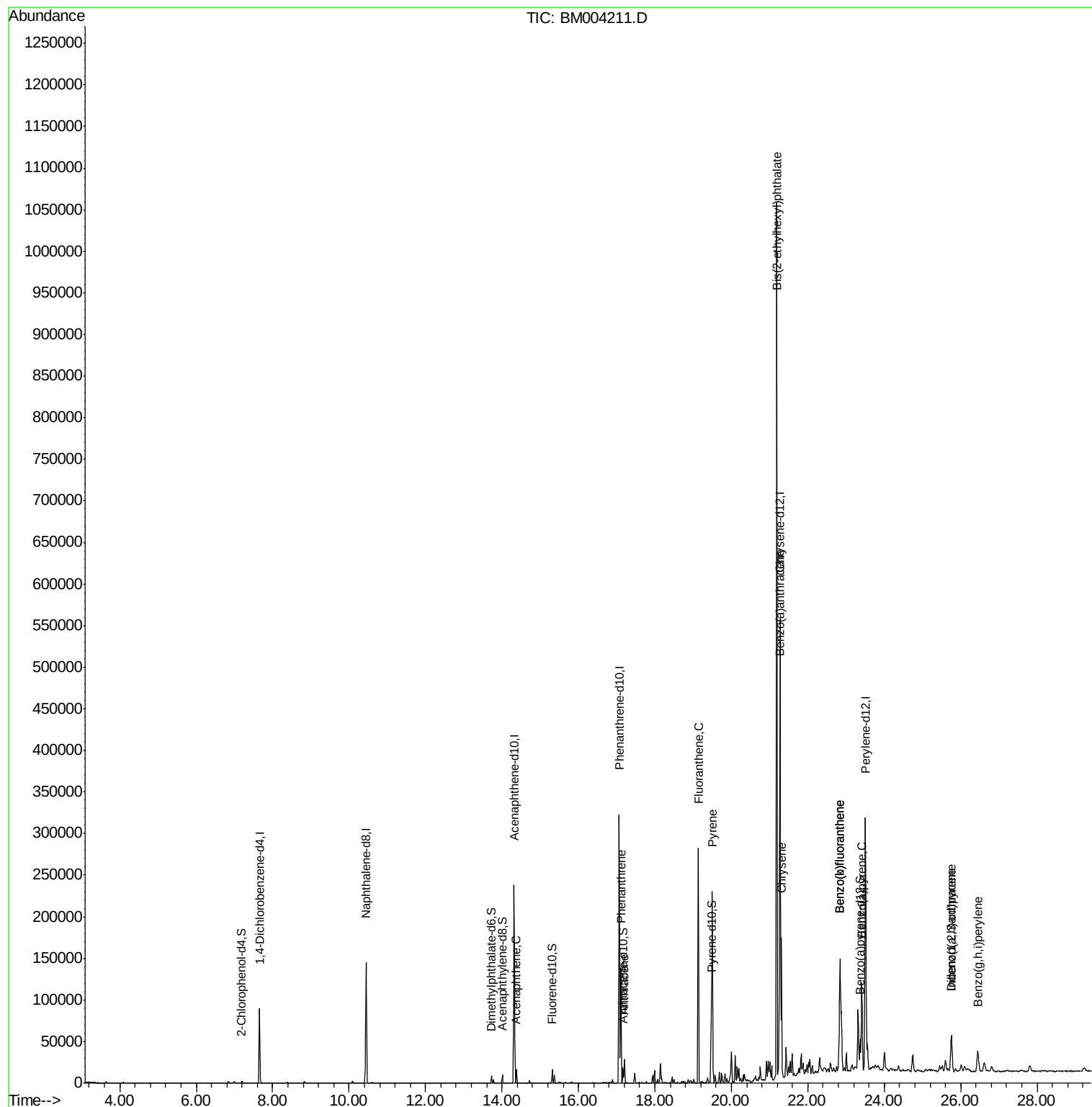
						Qvalue
50) Acenaphthene	14.38	153	8079	1.32	ng/ul	95
70) Phenanthrene	17.11	178	83354	7.18	ng/ul	99
72) Anthracene	17.20	178	21242	1.81	ng/ul	98
77) Fluoranthene	19.14	202	176409	13.06	ng/ul	98
80) Pyrene	19.50	202	153182	11.07	ng/ul	98
83) Benzo(a)anthracene	21.26	228	95427	6.66	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	403592	45.49	ng/ul	99
85) Chrysene	21.31	228	94401	6.93	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	118337	8.86	ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	71303	5.73	ng/ul	98
91) Benzo(a)pyrene	23.41	252	75866	5.88	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	43324	2.81	ng/ul#	92
93) Dibenzo(a,h)anthracene	25.76	278	12845	1.00	ng/ul#	80
94) Benzo(g,h,i)perylene	26.44	276	30818	2.35	ng/ul	97

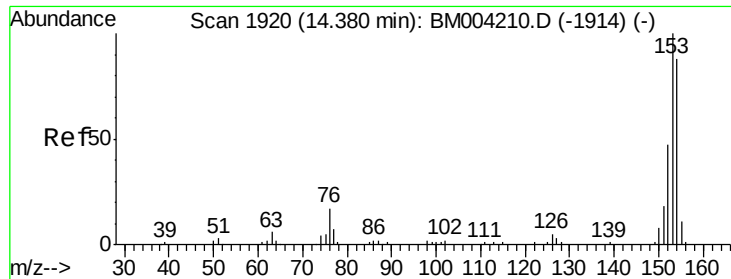
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004211.D
Acq On : 08 Feb 2016 22:22
Operator : SJ/IZ
Sample : H1340-11DL 25X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C04K1DL

Quant Time: Feb 09 01:40:55 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 01:37:43 2016
Response via : Initial Calibration





#50

Acenaphthene

Concen: 1.32 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

Instrument :

BNA_M

ClientSampleId :

C04K1DL

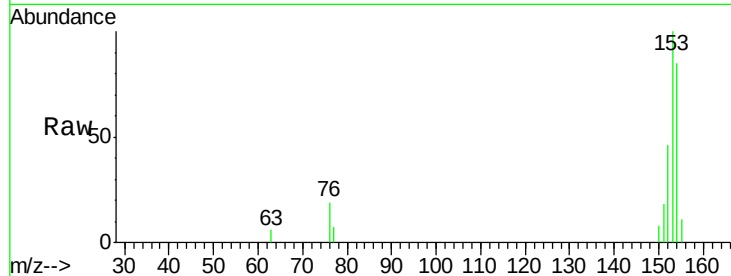
Tgt Ion:153 Resp: 8079

Ion Ratio Lower Upper

153 100

152 45.6 38.3 57.5

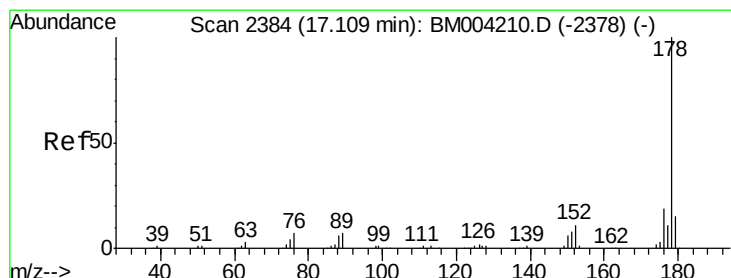
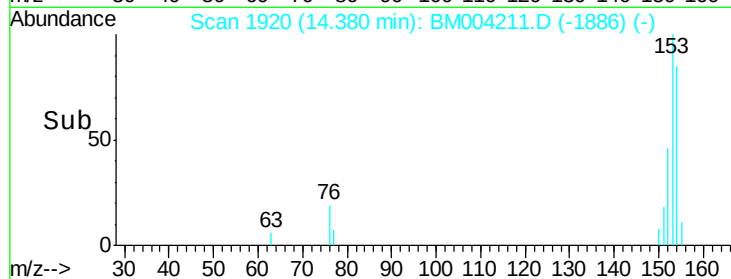
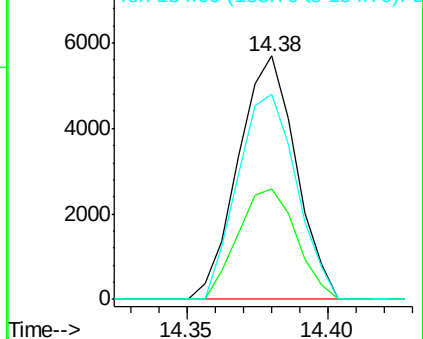
154 84.5 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#70

Phenanthrene

Concen: 7.18 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

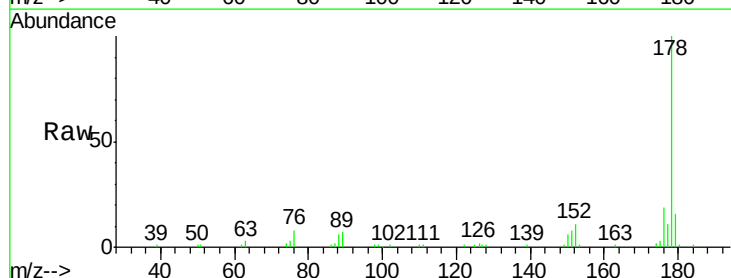
Tgt Ion:178 Resp: 83354

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

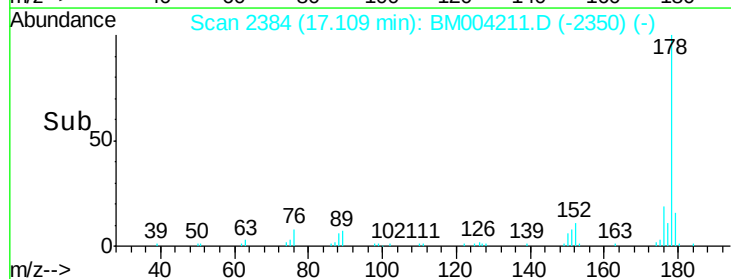
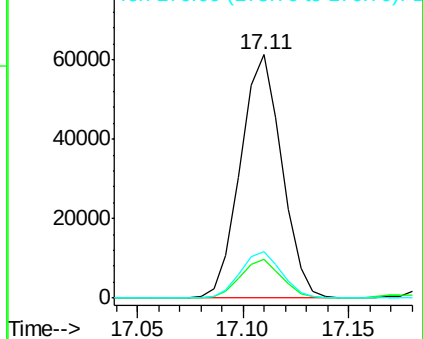
176 19.2 15.6 23.4

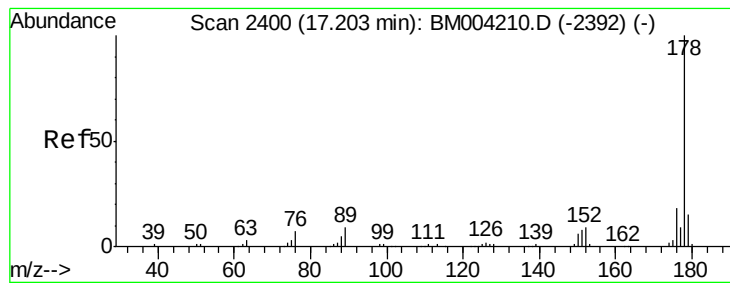


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.81 ng/ul

RT: 17.20 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

Instrument :

BNA_M

ClientSampleId :

C04K1DL

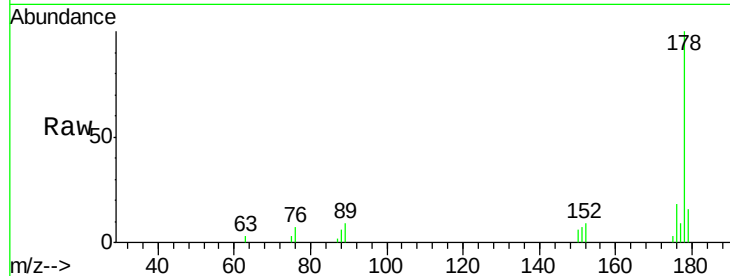
Tgt Ion:178 Resp: 21242

Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

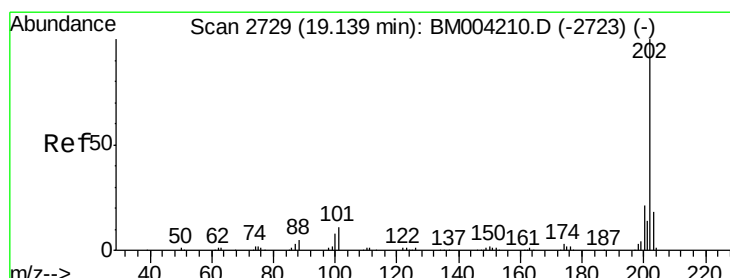
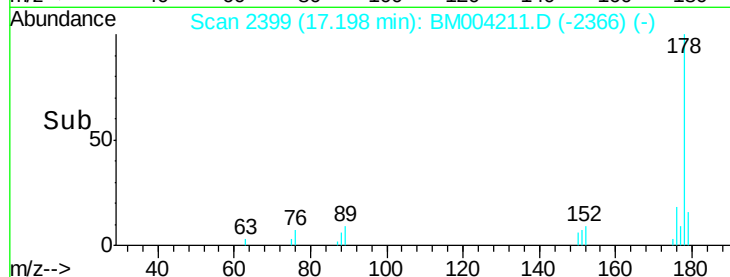
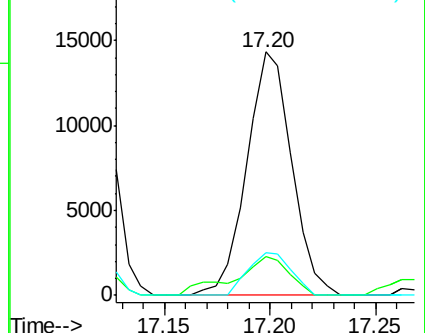
176 17.7 14.8 22.2



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: 13.06 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

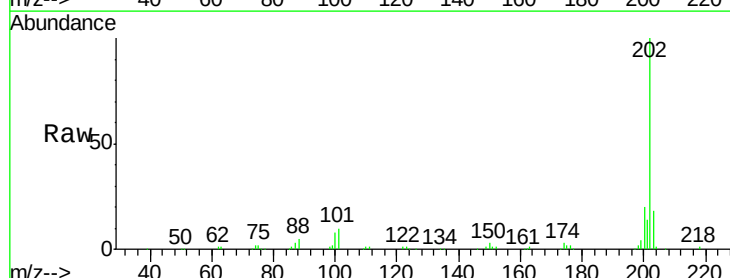
Tgt Ion:202 Resp: 176409

Ion Ratio Lower Upper

202 100

101 10.3 8.8 13.2

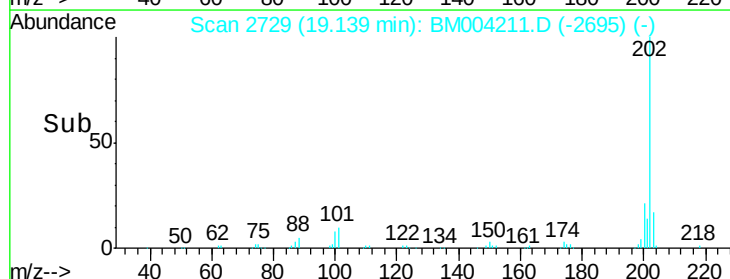
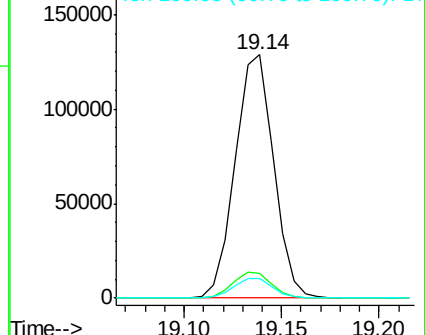
100 7.8 6.6 9.8

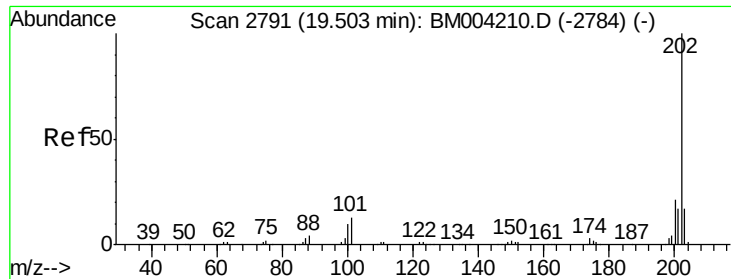


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

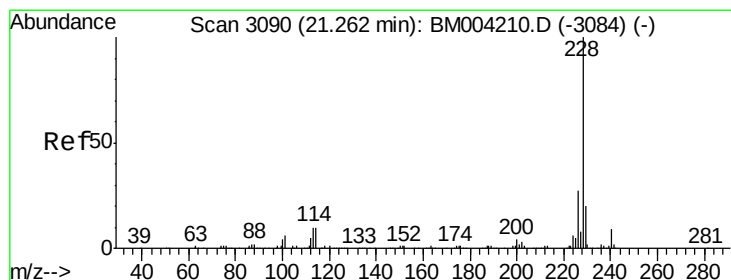
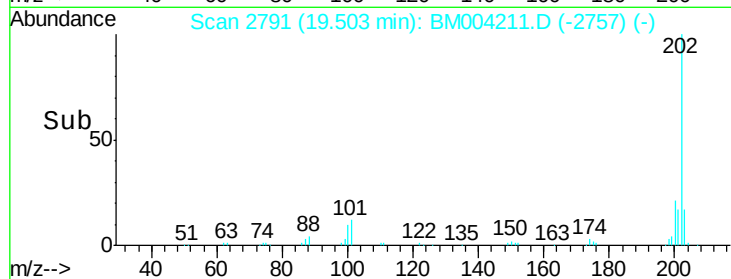
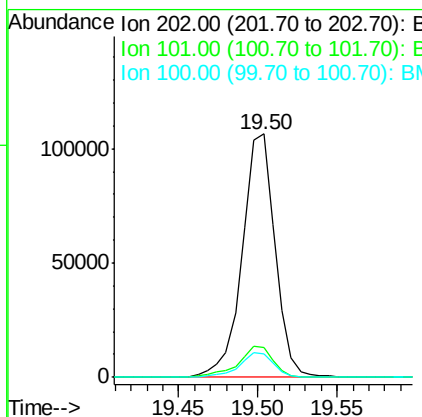
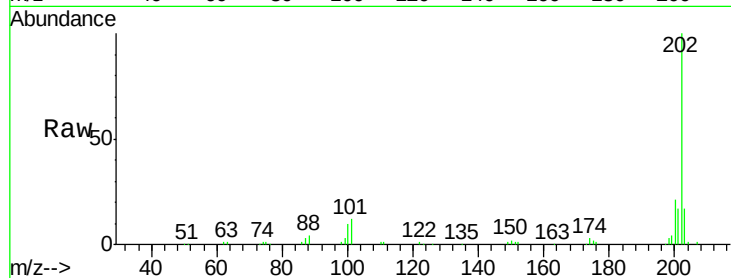




#80
 Pyrene
 Concen: 11.07 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004211.D
 Acq: 08 Feb 2016 22:22

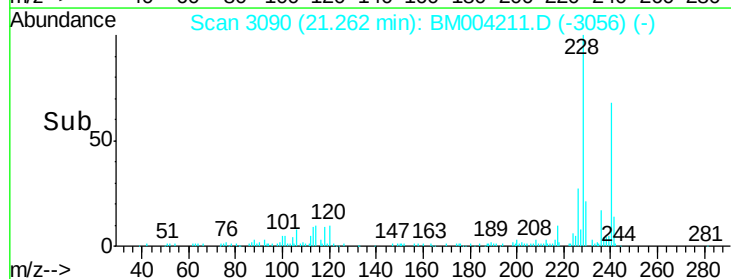
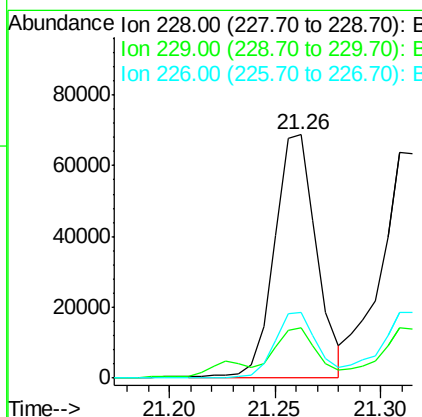
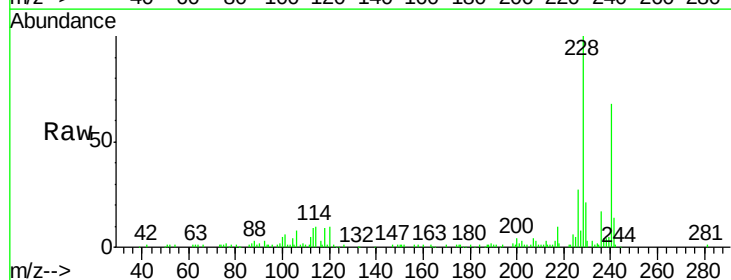
Instrument :
 BNA_M
 ClientSampled :
 C04K1DL

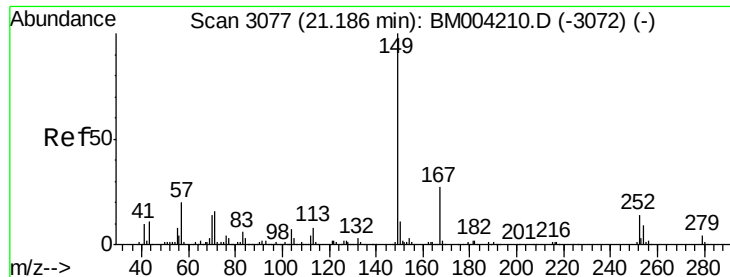
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.2	15.2
100	9.8	8.5	12.7



#83
 Benzo(a)anthracene
 Concen: 6.66 ng/ul
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM004211.D
 Acq: 08 Feb 2016 22:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.2	21.8	32.6

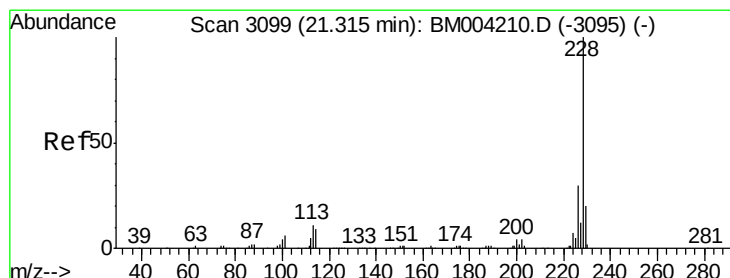
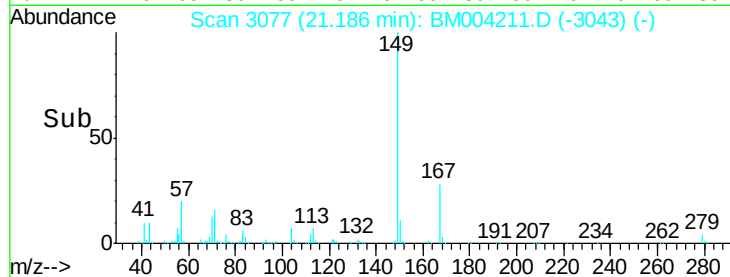
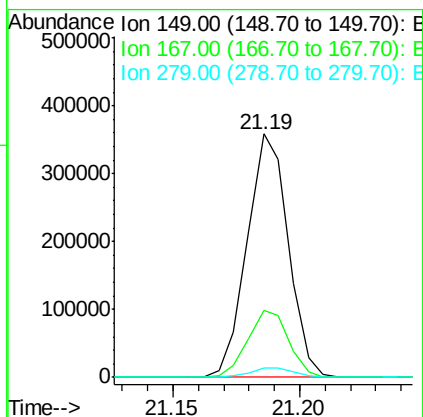
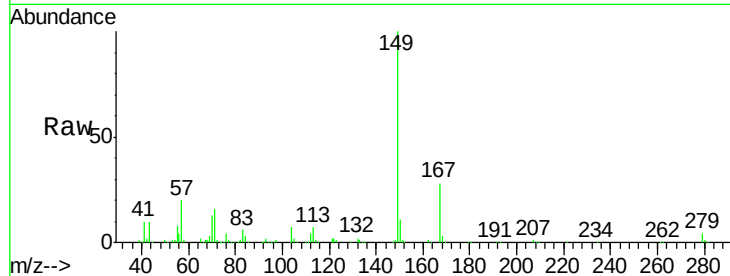




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.49 ng/ul
 RT: 21.19 min Scan# 3077
 Delta R.T. 0.00 min
 Lab File: BM004211.D
 Acq: 08 Feb 2016 22:22

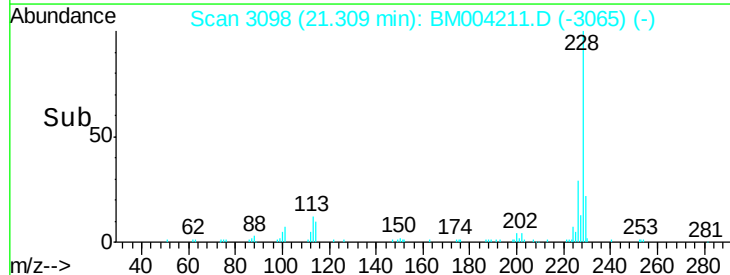
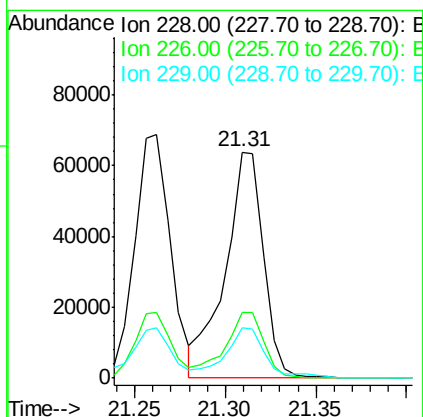
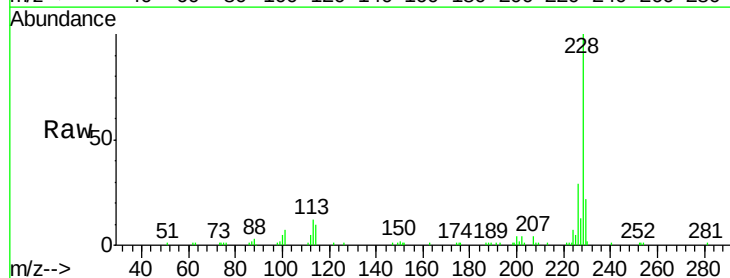
Instrument :
 BNA_M
 ClientSampleId :
 C04K1DL

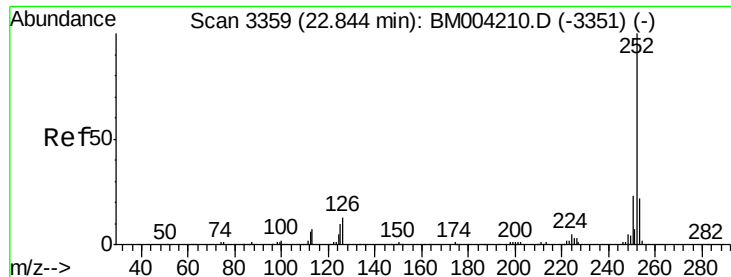
Tgt Ion:149 Resp: 403592
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.6 32.4
 279 4.0 3.0 4.4



#85
 Chrysene
 Concen: 6.93 ng/ul
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM004211.D
 Acq: 08 Feb 2016 22:22

Tgt Ion:228 Resp: 94401
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.0 36.0
 229 22.2 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 8.86 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

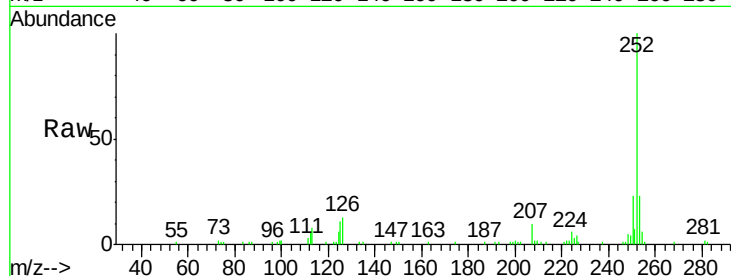
Instrument :

BNA_M

ClientSampleId :

C04K1DL

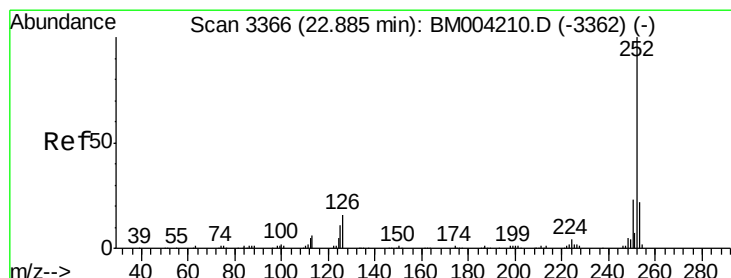
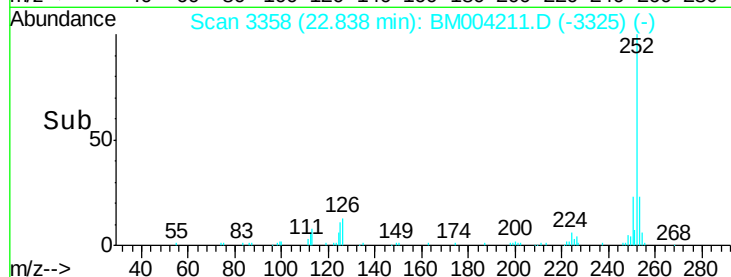
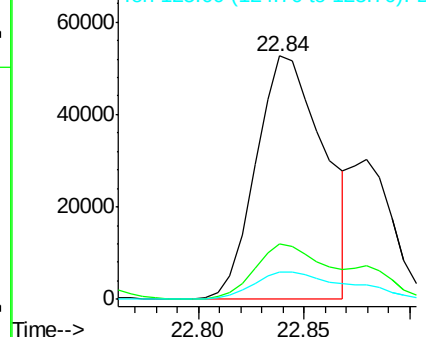
Tgt Ion:	252	Resp:	118337
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	11.4	8.5	12.7



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



#89

Benzo(k)fluoranthene

Concen: 5.73 ng/ul

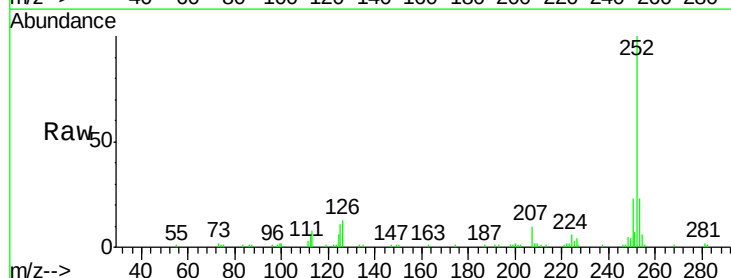
RT: 22.84 min Scan# 3358

Delta R.T. -0.05 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

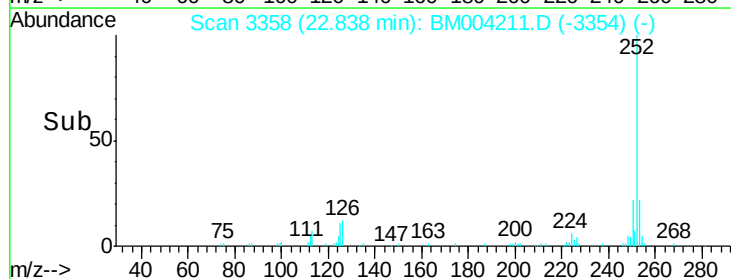
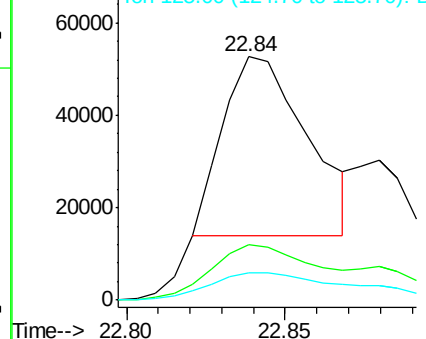
Tgt Ion:	252	Resp:	71303
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	11.4	8.2	12.2

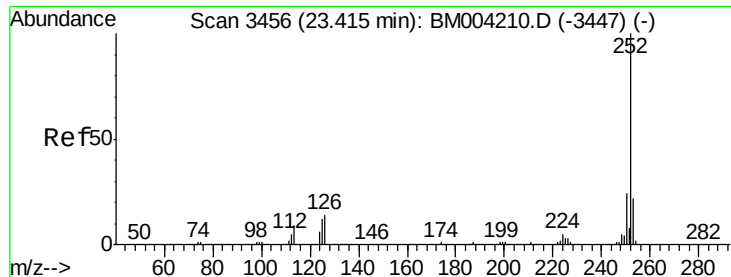


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 5.88 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

Instrument :

BNA_M

ClientSampleId :

C04K1DL

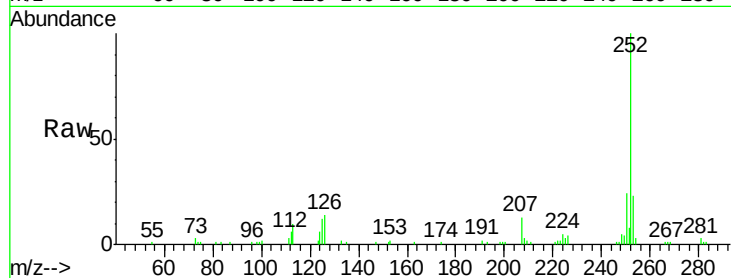
Tgt Ion:252 Resp: 75866

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

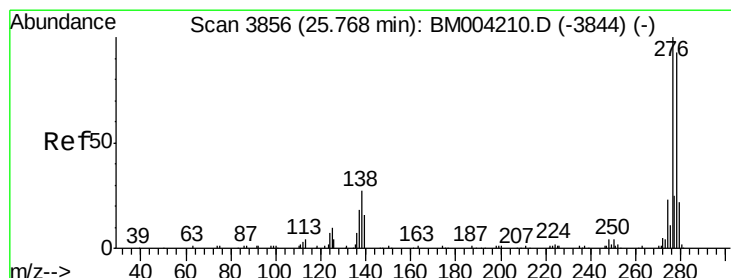
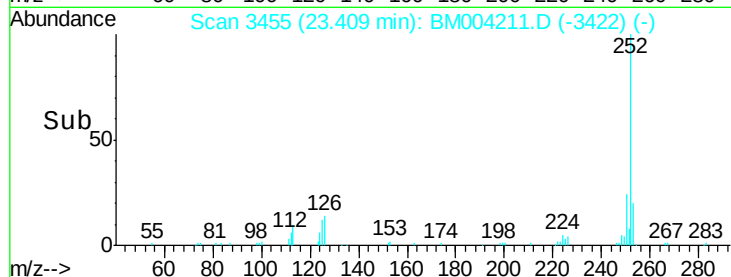
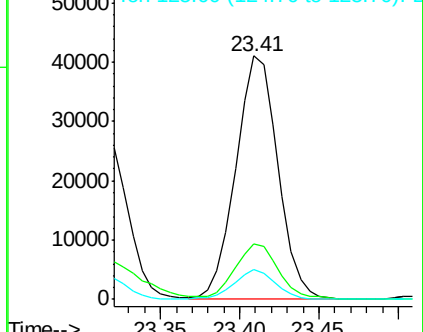
125 12.1 9.0 13.6



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: 2.81 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

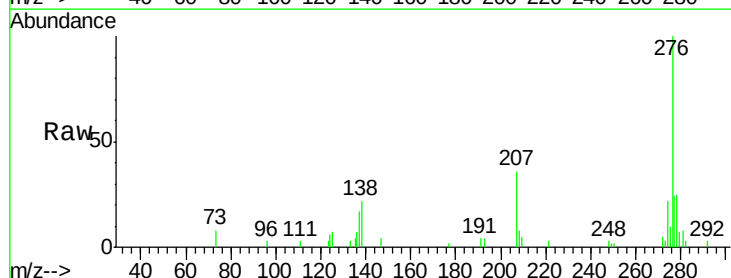
Tgt Ion:276 Resp: 43324

Ion Ratio Lower Upper

276 100

138 21.6 22.3 33.5#

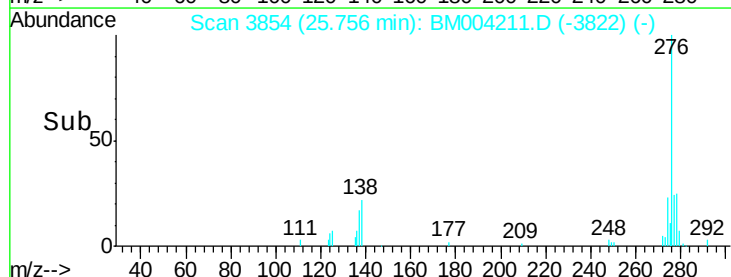
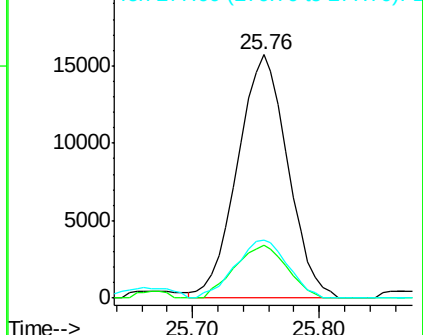
277 23.9 20.2 30.2

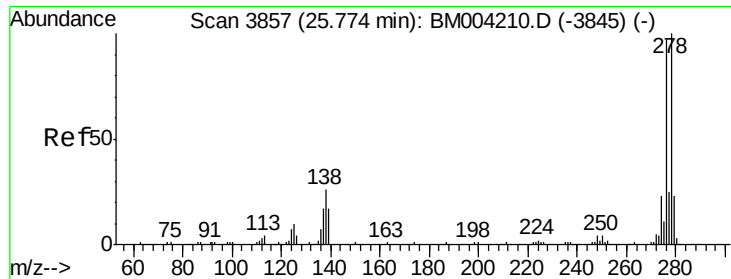


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.00 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. -0.02 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

Instrument :

BNA_M

ClientSampleId :

C04K1DL

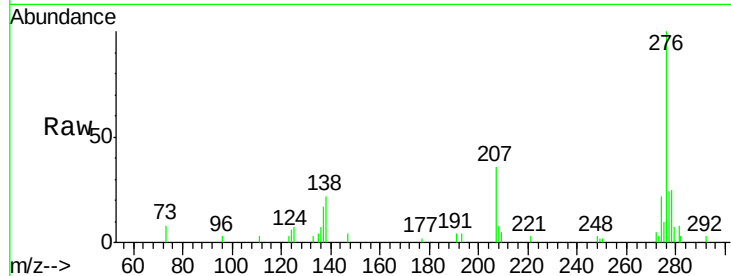
Tgt Ion:278 Resp: 12845

Ion Ratio Lower Upper

278 100

139 0.0 13.9 20.9#

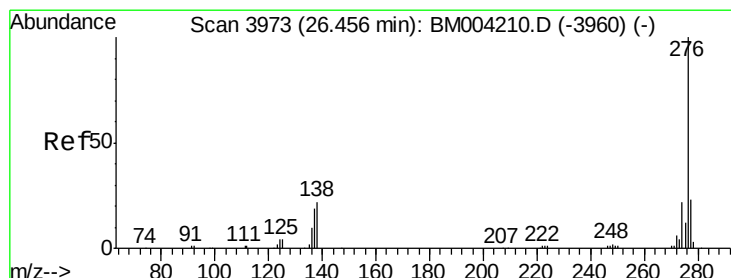
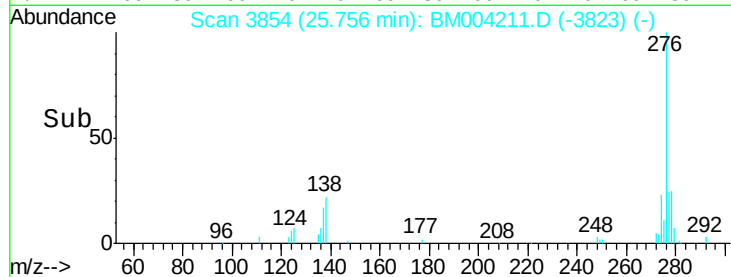
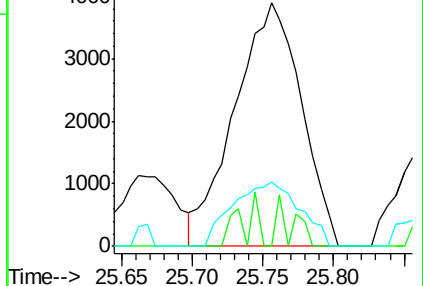
279 26.3 19.0 28.4



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: 2.35 ng/ul

RT: 26.44 min Scan# 3971

Delta R.T. -0.01 min

Lab File: BM004211.D

Acq: 08 Feb 2016 22:22

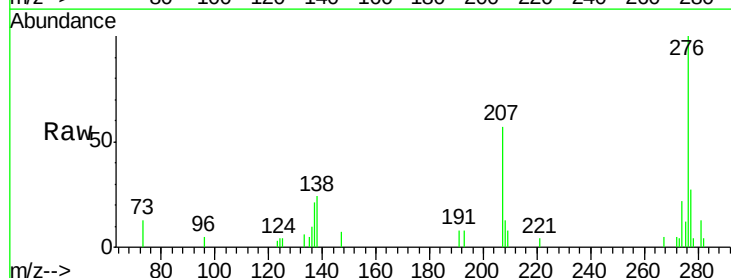
Tgt Ion:276 Resp: 30818

Ion Ratio Lower Upper

276 100

138 24.0 18.9 28.3

277 26.6 19.2 28.8



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

