

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001836.D
 Acq On : 06 Jul 2015 14:49
 Operator : TP/UM
 Sample : G2861-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93M2

Quant Time: Jul 07 04:03:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 07 04:02:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	61585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	237357	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	136026	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	304156	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	368591	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	376130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	2477	1.92	ng/uL	0.00
5) Phenol-d5	6.83	99	55611	11.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	30297	11.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	43463	11.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	39483	10.40	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	18512	11.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	22748	12.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	44941	11.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	46617	11.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	133118	13.20	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	142956	10.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	16678	8.96	ng/ul	0.00
57) Fluorene-d10	15.31	176	109878	11.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	16464	8.86	ng/ul	0.00
70) Anthracene-d10	17.16	188	183662	12.96	ng/ul	0.00
78) Pyrene-d10	19.46	212	193425	12.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	190418	11.49	ng/ul	0.00

Target Compounds

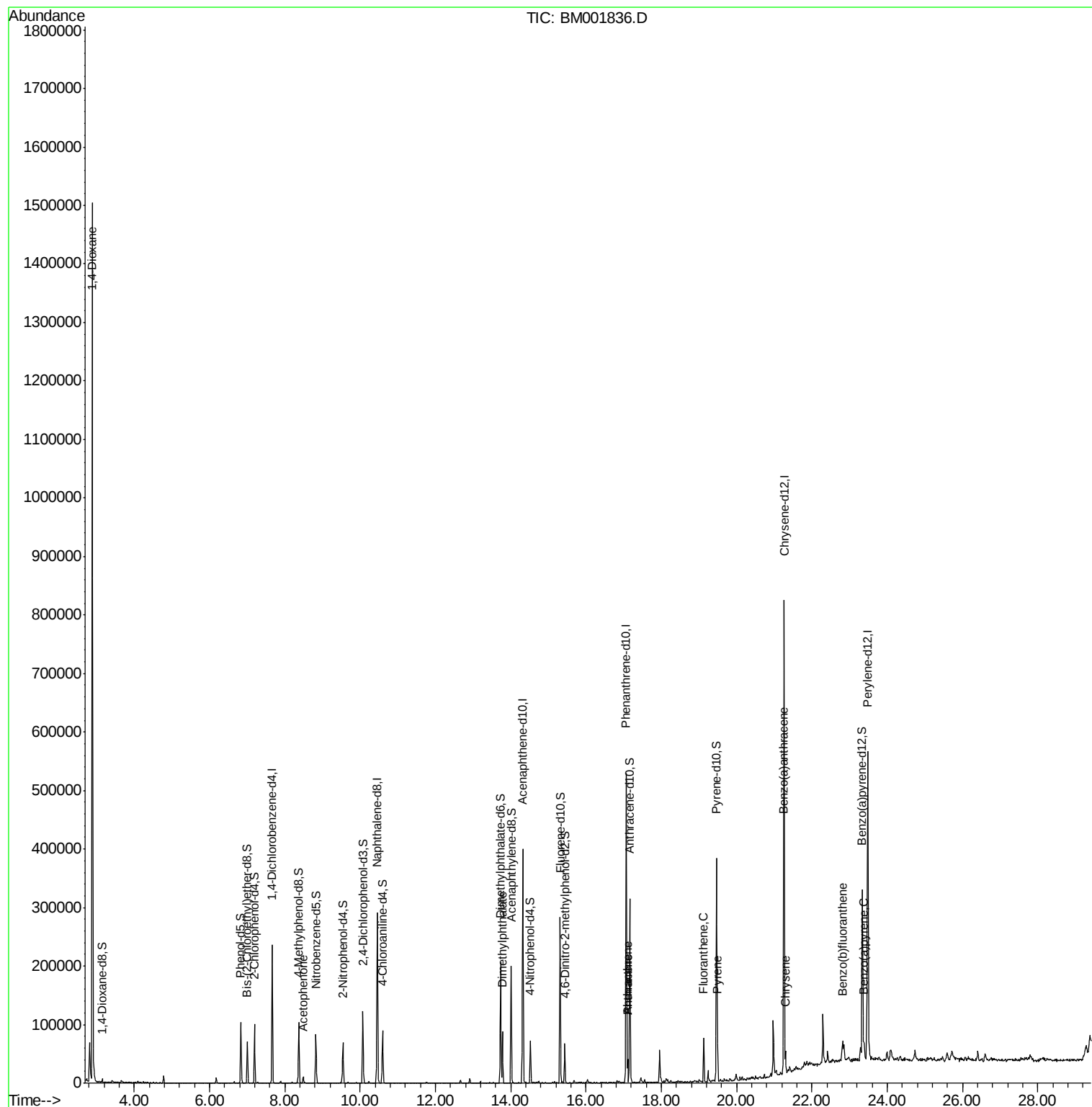
						Qvalue
2) 1,4-Dioxane	2.89	88	11377	7.71	ng/uL#	1
14) Acetophenone	8.48	105	6590	1.09	ng/ul	95
44) Dimethylphthalate	13.77	163	53691	4.87	ng/ul	99
69) Phenanthrene	17.10	178	24213	1.47	ng/ul	97
71) Anthracene	17.10	178	24213	1.43	ng/ul	98
76) Fluoranthene	19.12	202	47095	2.39	ng/ul#	97
79) Pyrene	19.49	202	45257	2.21	ng/ul	98
82) Benzo(a)anthracene	21.24	228	25807	1.20	ng/ul	95
84) Chrysene	21.29	228	22750	1.11	ng/ul	95
87) Benzo(b)fluoranthene	22.81	252	29997	1.37	ng/ul	94
90) Benzo(a)pyrene	23.38	252	23852	1.12	ng/ul	97

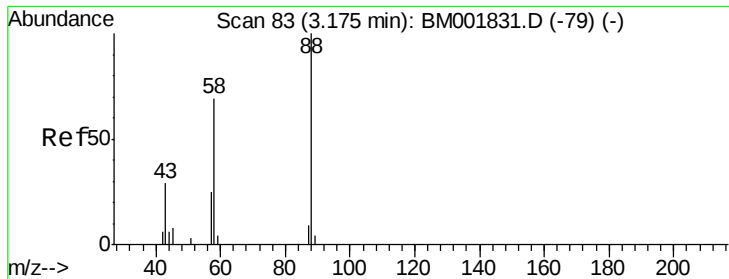
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.71 ng/uL

RT: 2.89 min Scan# 34

Delta R.T. -0.29 min

Lab File: BM001836.D

Acq: 06 Jul 2015 14:49

Instrument :

BNA_M

ClientSampleId :

G93M2

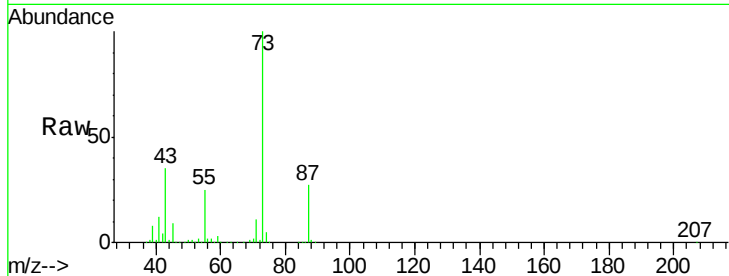
Tgt Ion: 88 Resp: 11377

Ion Ratio Lower Upper

88 100

43 2318.3 24.2 36.4#

58 30.8 56.2 84.2#



Abundance Ion 88.00 (87.70 to 88.70): BM001836.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM001836.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM001836.D (-1) (-)

250000

200000

150000

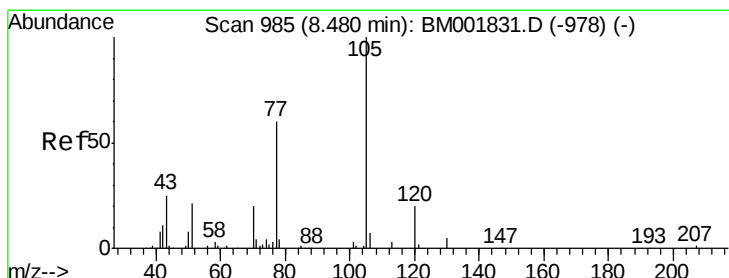
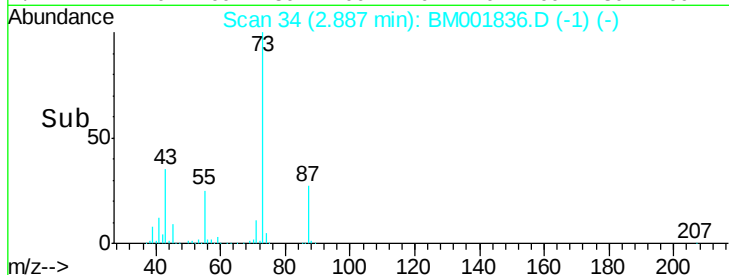
100000

50000

0

2.84 2.86 2.88 2.90 2.92

Time-->



#14

Acetophenone

Concen: 1.09 ng/uL

RT: 8.48 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM001836.D

Acq: 06 Jul 2015 14:49

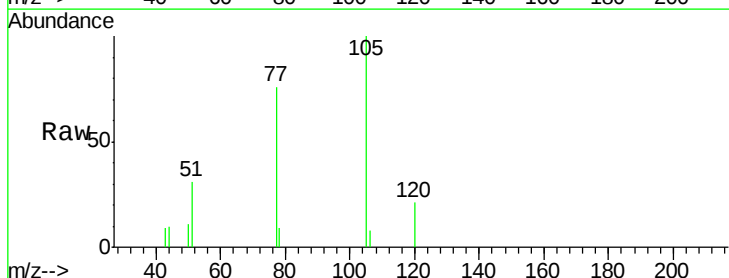
Tgt Ion: 105 Resp: 6590

Ion Ratio Lower Upper

105 100

77 76.0 64.2 96.4

51 31.0 22.0 33.0



Abundance Ion 105.00 (104.70 to 105.70): BM001836.D (-951) (-)

Ion 77.00 (76.70 to 77.70): BM001836.D (-951) (-)

Ion 51.00 (50.70 to 51.70): BM001836.D (-951) (-)

5000

4000

3000

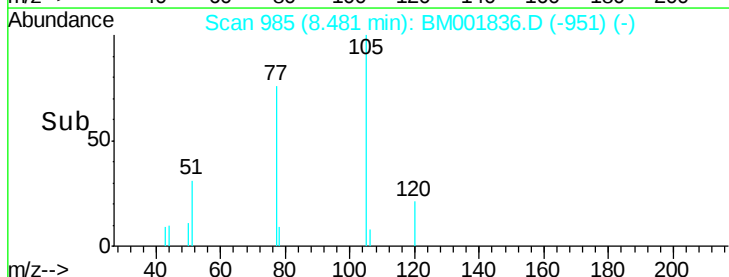
2000

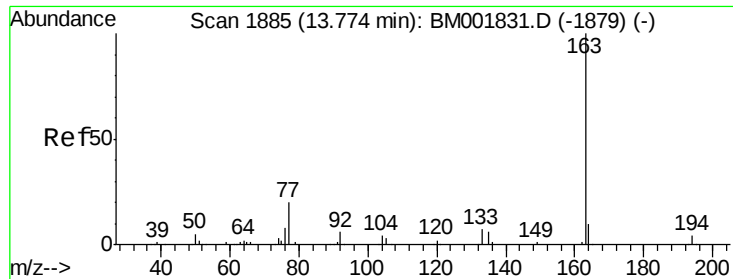
1000

0

8.45 8.50

Time-->





#44

Dimethylphthalate

Concen: 4.87 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BM001836.D

Acq: 06 Jul 2015 14:49

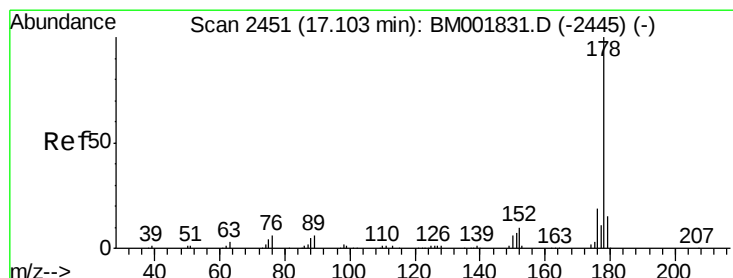
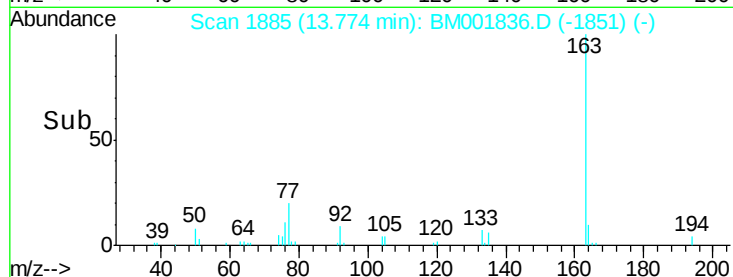
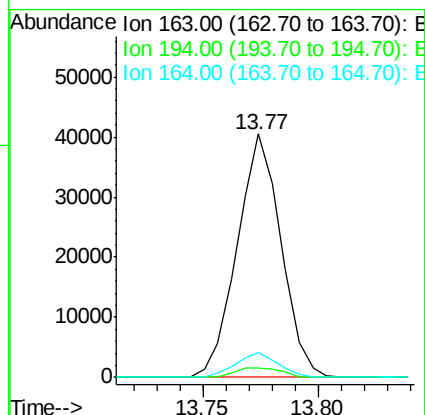
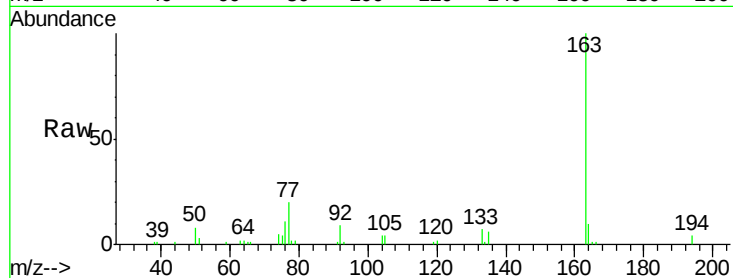
Instrument :

BNA_M

ClientSampled :

G93M2

Tgt Ion:	163	Resp:	53691
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.6	5.4
164	10.3	8.0	12.0



#69

Phenanthrene

Concen: 1.47 ng/ul

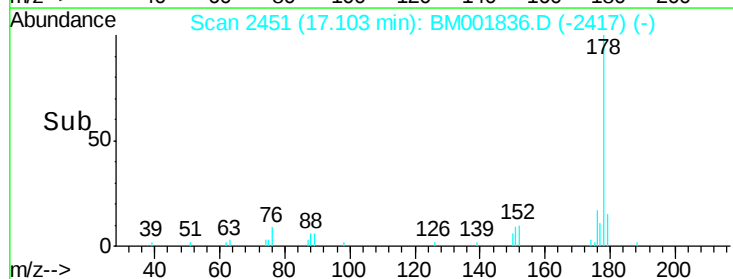
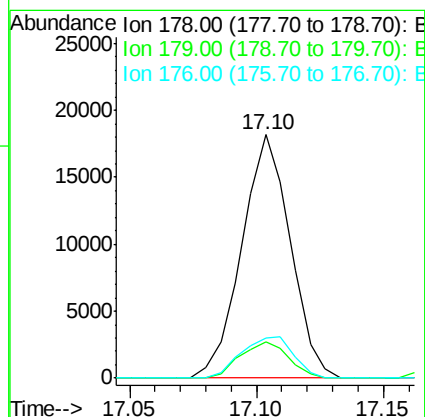
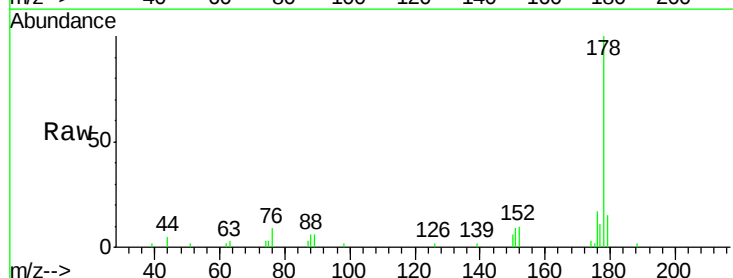
RT: 17.10 min Scan# 2451

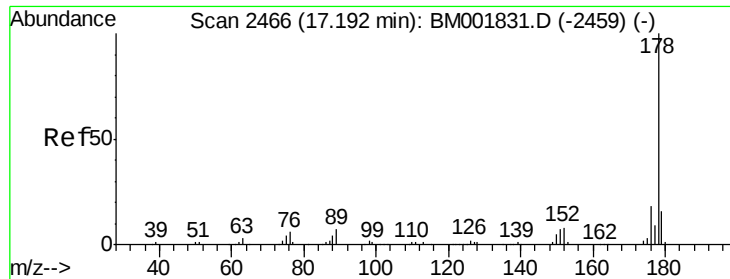
Delta R.T. 0.00 min

Lab File: BM001836.D

Acq: 06 Jul 2015 14:49

Tgt Ion:	178	Resp:	24213
Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.9	17.9
176	16.7	15.2	22.8

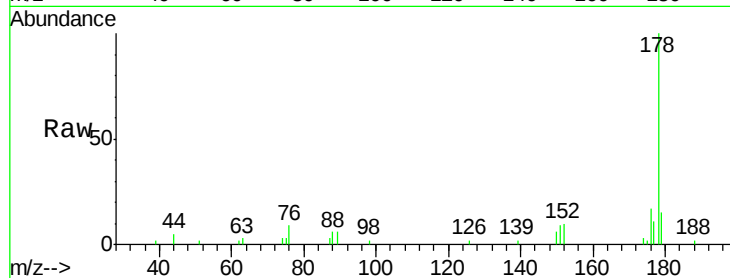




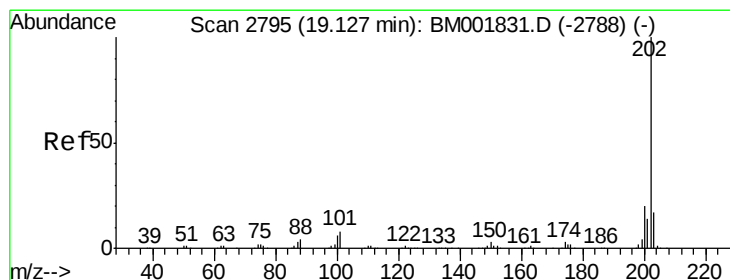
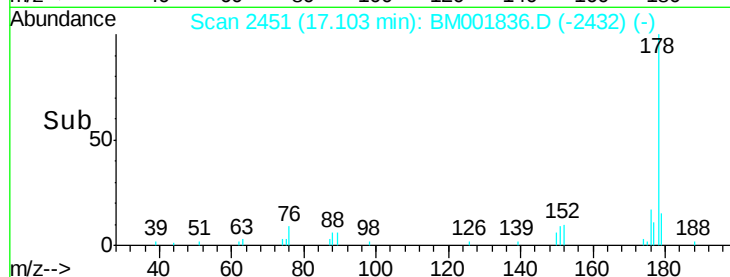
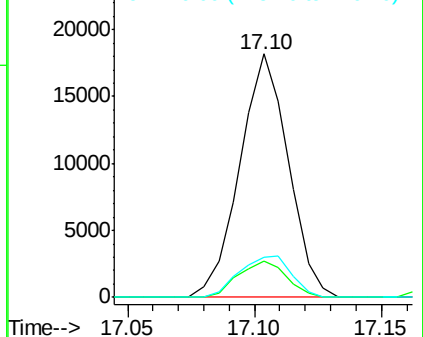
#71
 Anthracene
 Concen: 1.43 ng/ul
 RT: 17.10 min Scan# 2451
 Delta R.T. -0.09 min
 Lab File: BM001836.D
 Acq: 06 Jul 2015 14:49

Instrument :
 BNA_M
 ClientSampleId :
 G93M2

Tgt Ion:178 Resp: 24213
 Ion Ratio Lower Upper
 178 100
 179 14.6 11.8 17.8
 176 16.7 14.4 21.6

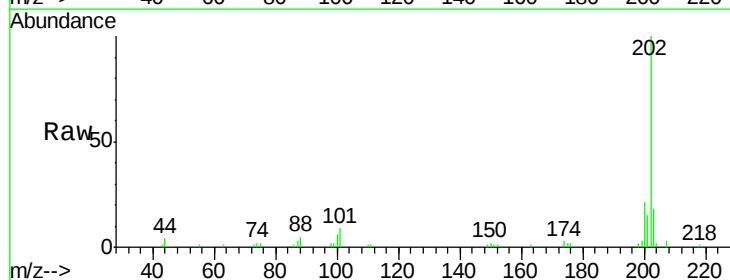


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

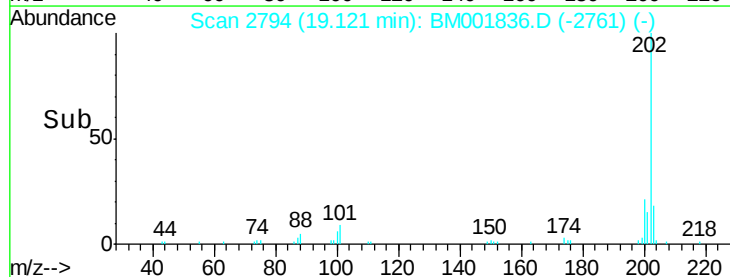
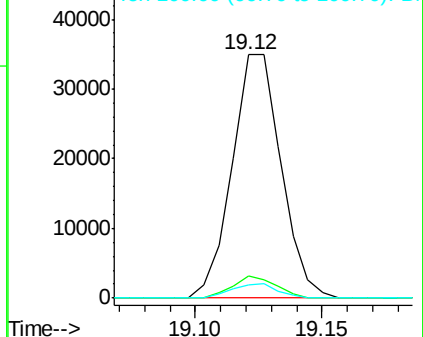


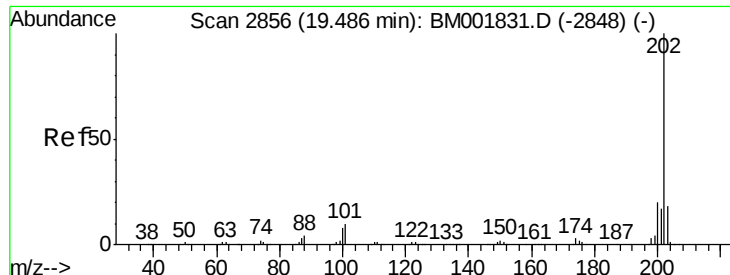
#76
 Fluoranthene
 Concen: 2.39 ng/ul
 RT: 19.12 min Scan# 2794
 Delta R.T. -0.01 min
 Lab File: BM001836.D
 Acq: 06 Jul 2015 14:49

Tgt Ion:202 Resp: 47095
 Ion Ratio Lower Upper
 202 100
 101 9.3 6.1 9.1#
 100 5.6 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





#79

Pyrene

Concen: 2.21 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM001836.D

Acq: 06 Jul 2015 14:49

Instrument :

BNA_M

ClientSampleId :

G93M2

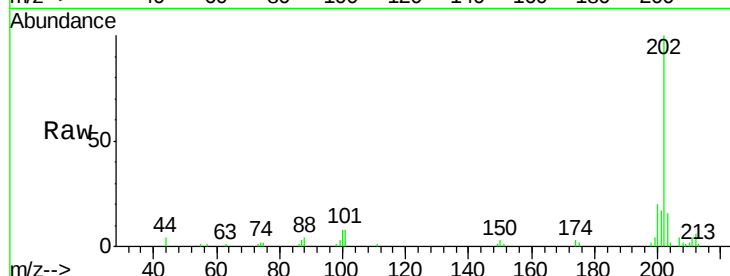
Tgt Ion:202 Resp: 45257

Ion Ratio Lower Upper

202 100

101 7.9 6.9 10.3

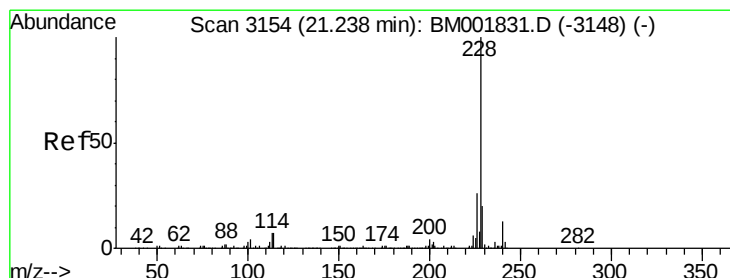
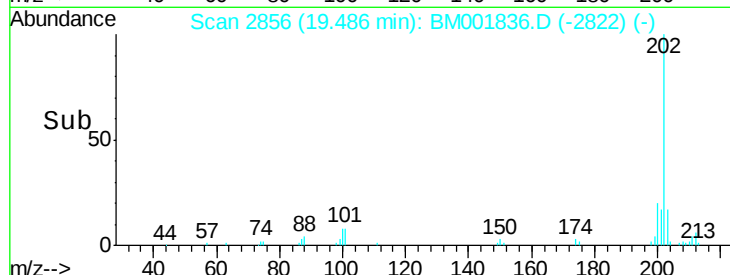
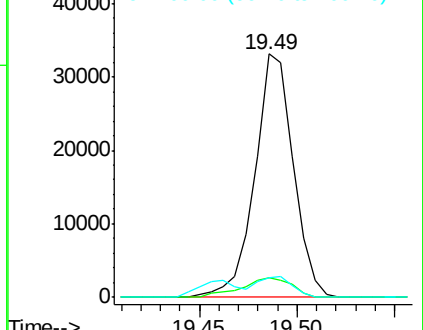
100 8.3 6.2 9.2



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



#82

Benzo(a)anthracene

Concen: 1.20 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BM001836.D

Acq: 06 Jul 2015 14:49

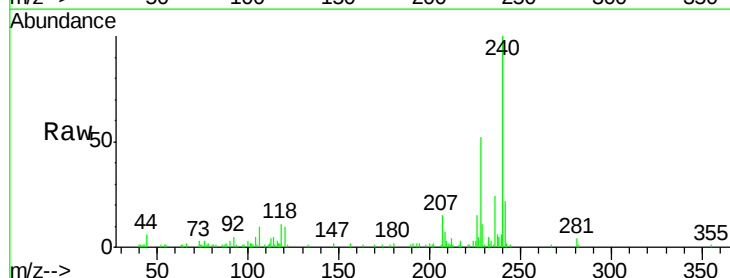
Tgt Ion:228 Resp: 25807

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

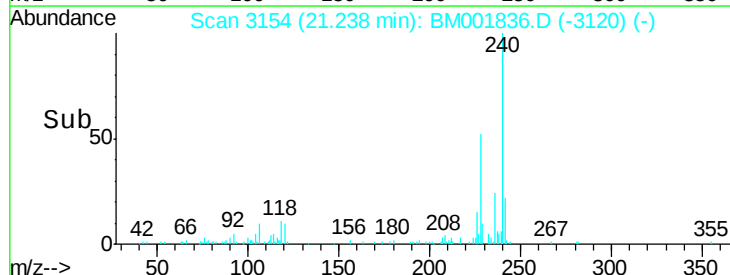
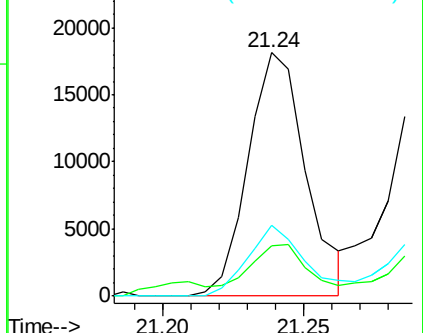
226 28.9 20.6 30.8

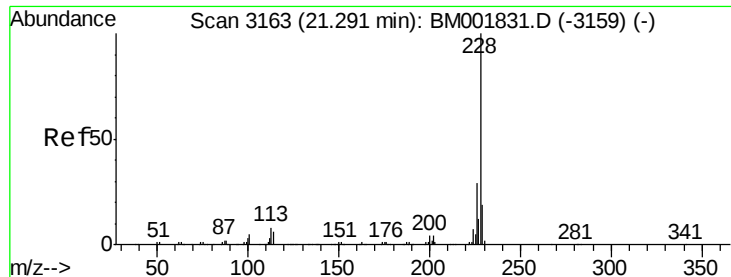


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.11 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BM001836.D

Acq: 06 Jul 2015 14:49

Instrument :

BNA_M

ClientSampleId :

G93M2

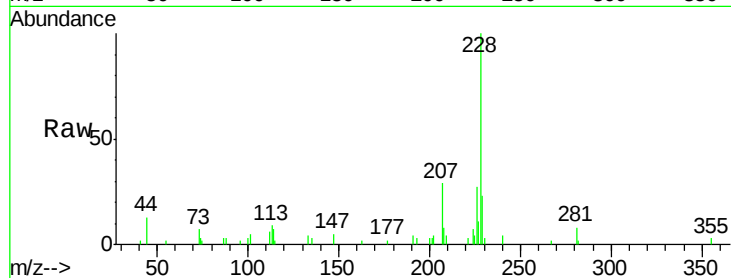
Tgt Ion:228 Resp: 22750

Ion Ratio Lower Upper

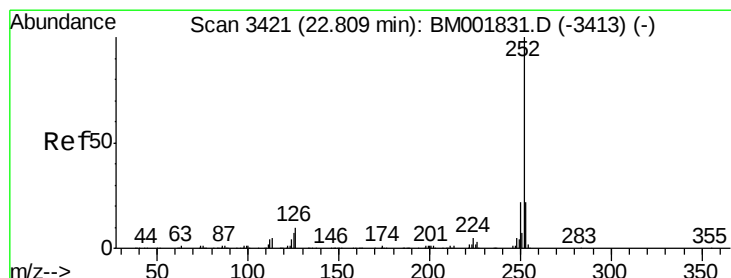
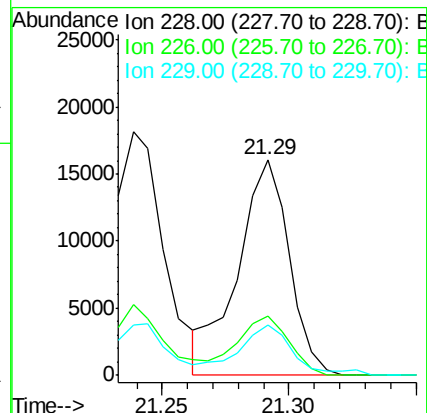
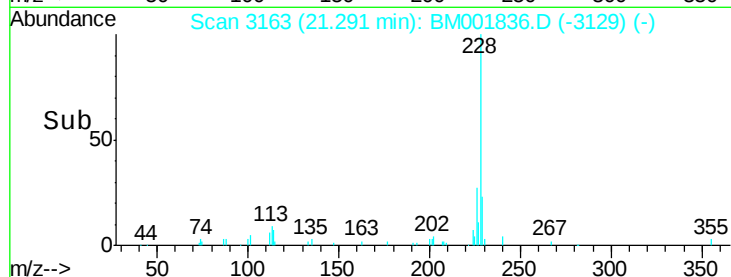
228 100

226 27.3 23.0 34.4

229 23.1 15.4 23.2



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



#87

Benzo(b)fluoranthene

Concen: 1.37 ng/ul

RT: 22.81 min Scan# 3421

Delta R.T. 0.00 min

Lab File: BM001836.D

Acq: 06 Jul 2015 14:49

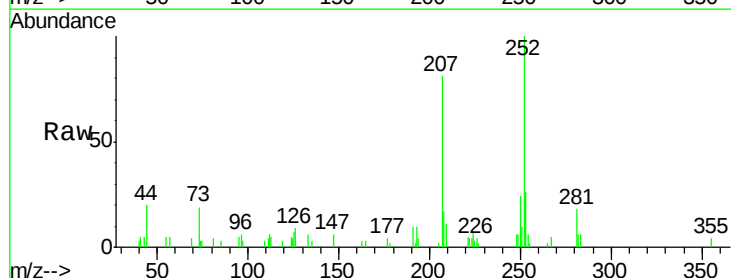
Tgt Ion:252 Resp: 29997

Ion Ratio Lower Upper

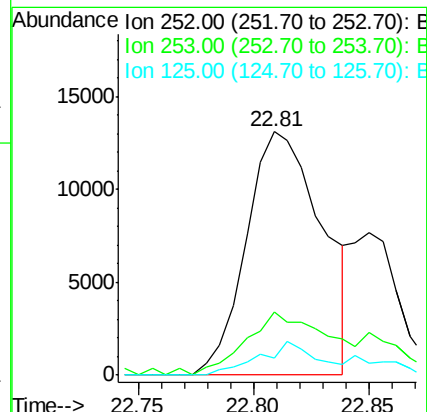
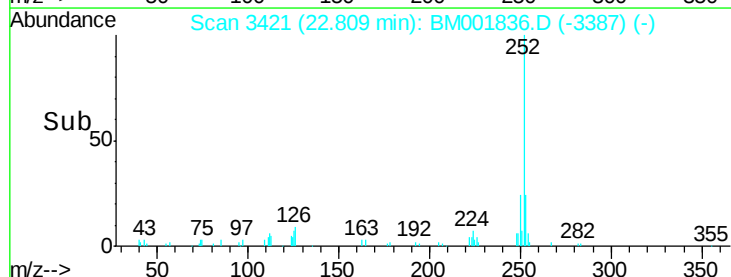
252 100

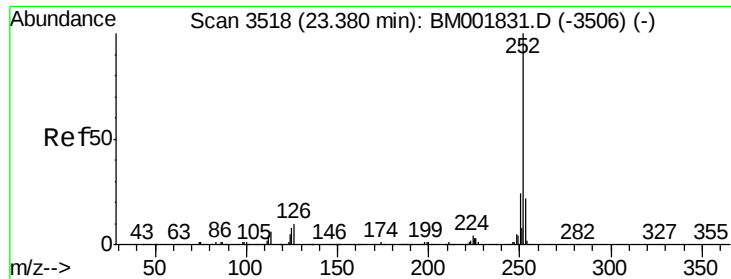
253 26.1 17.8 26.6

125 7.0 5.3 7.9



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





#90

Benzo(a)pyrene

Concen: 1.12 ng/ul

RT: 23.38 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BM001836.D

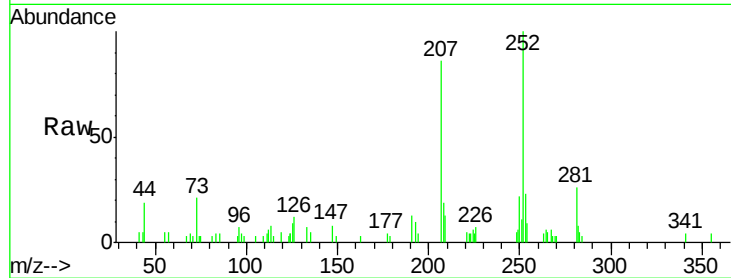
Acq: 06 Jul 2015 14:49

Instrument :

BNA_M

ClientSampleId :

G93M2



Tgt Ion: 252 Resp: 23852

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

125 8.5 6.0 9.0

