

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001838.D
 Acq On : 06 Jul 2015 16:03
 Operator : TP/UM
 Sample : G2861-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93K8

Quant Time: Jul 07 04:04:15 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	53365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	205529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	120089	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	275240	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	336505	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	336493	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	4904	4.38	ng/uL	0.00
5) Phenol-d5	6.83	99	94090	22.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	54382	23.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	76426	23.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	77176	23.46	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	33238	23.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	36417	23.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	74148	22.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	89990	26.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	211252	23.72	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	234850	20.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	28873	17.57	ng/ul	0.00
57) Fluorene-d10	15.31	176	162758	19.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	22325	13.28	ng/ul	0.00
70) Anthracene-d10	17.16	188	251643	19.63	ng/ul	0.00
78) Pyrene-d10	19.46	212	245957	17.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	233194	15.72	ng/ul	0.00

Target Compounds

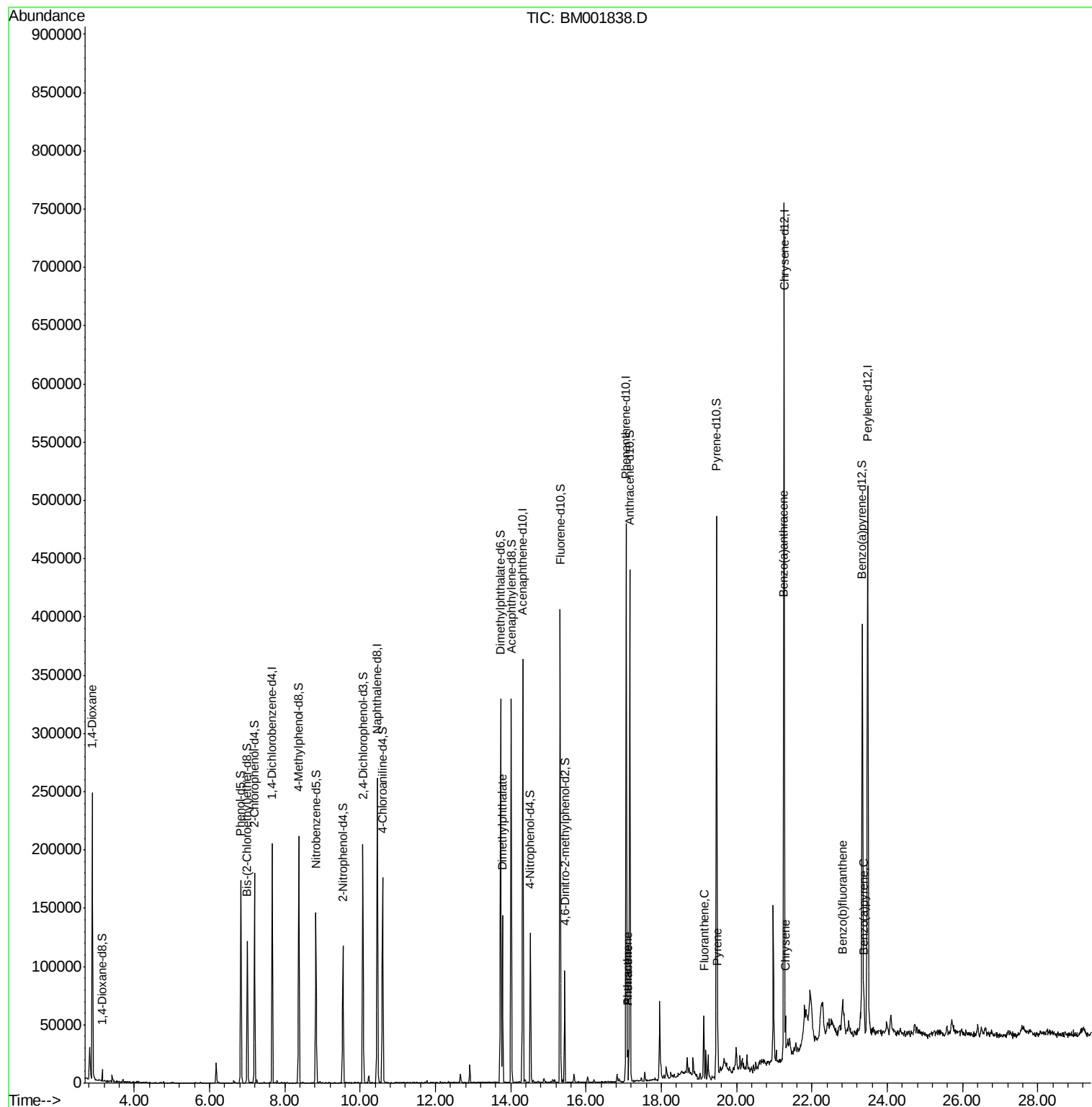
						Qvalue
2) 1,4-Dioxane	2.89	88	1821	1.42	ng/uL#	1
44) Dimethylphthalate	13.77	163	86375	8.87	ng/ul	98
69) Phenanthrene	17.10	178	18272	1.22	ng/ul	100
71) Anthracene	17.10	178	18272	1.19	ng/ul	99
76) Fluoranthene	19.13	202	32636	1.83	ng/ul	98
79) Pyrene	19.49	202	32717	1.75	ng/ul	96
82) Benzo(a)anthracene	21.24	228	22158	1.13	ng/ul	94
84) Chrysene	21.29	228	18834	1.01	ng/ul	96
87) Benzo(b)fluoranthene	22.81	252	25744	1.31	ng/ul#	98
90) Benzo(a)pyrene	23.38	252	20086	1.05	ng/ul#	89

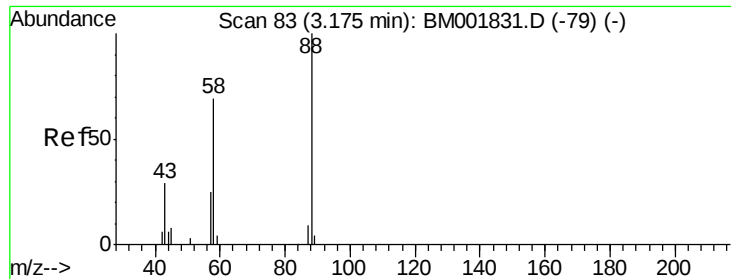
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.42 ng/uL

RT: 2.89 min Scan# 34

Delta R.T. -0.29 min

Lab File: BM001838.D

Acq: 06 Jul 2015 16:03

Instrument :

BNA_M

ClientSampleId :

G93K8

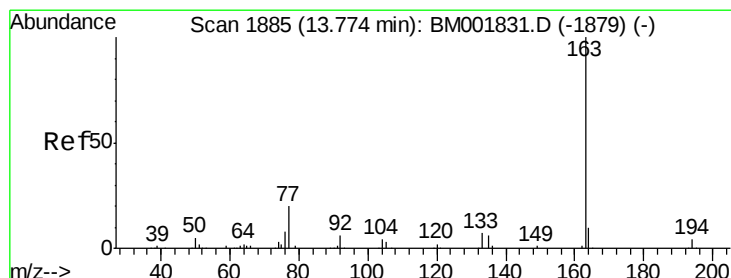
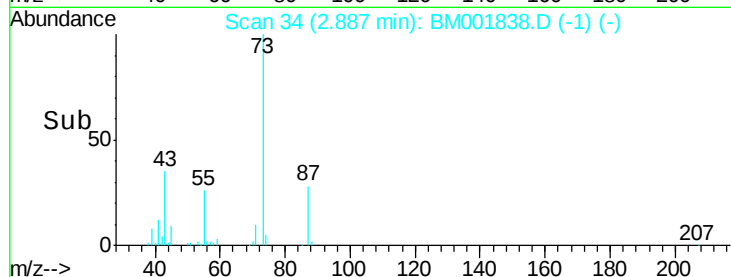
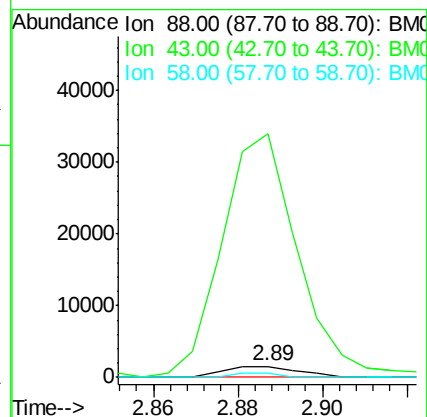
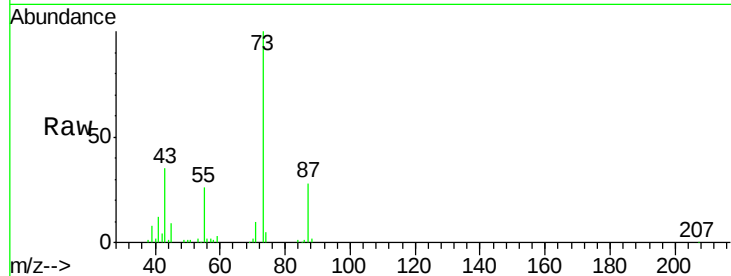
Tgt Ion: 88 Resp: 1821

Ion Ratio Lower Upper

88 100

43 2379.5 24.2 36.4#

58 24.2 56.2 84.2#



#44

Dimethylphthalate

Concen: 8.87 ng/uL

RT: 13.77 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BM001838.D

Acq: 06 Jul 2015 16:03

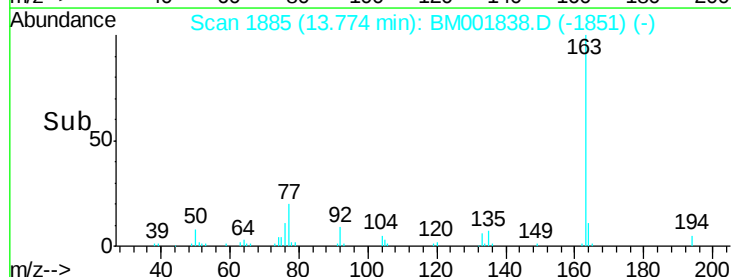
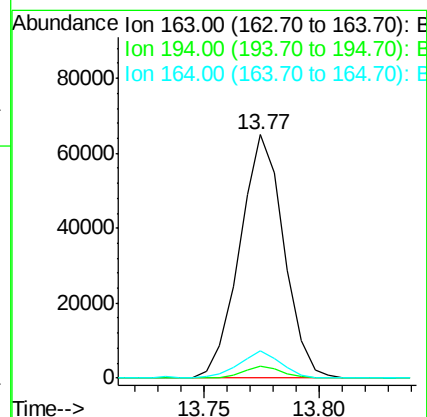
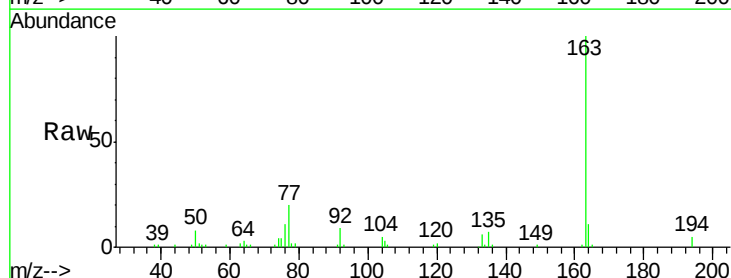
Tgt Ion: 163 Resp: 86375

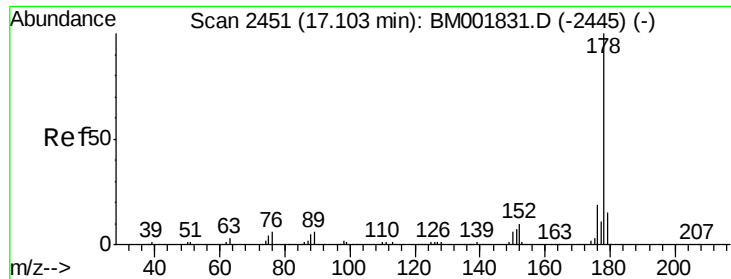
Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

164 11.0 8.0 12.0





#69

Phenanthrene

Concen: 1.22 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM001838.D

Acq: 06 Jul 2015 16:03

Instrument :

BNA_M

ClientSampleId :

G93K8

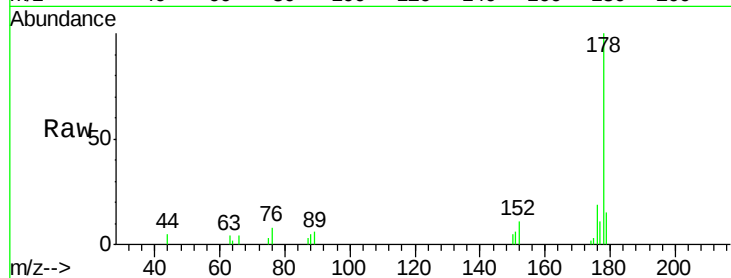
Tgt Ion:178 Resp: 18272

Ion Ratio Lower Upper

178 100

179 15.1 11.9 17.9

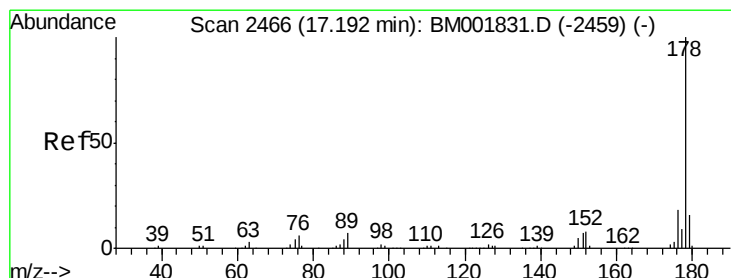
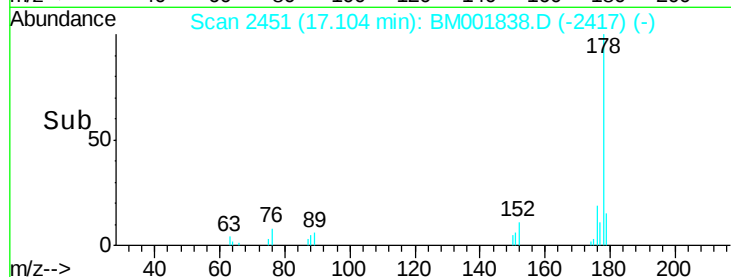
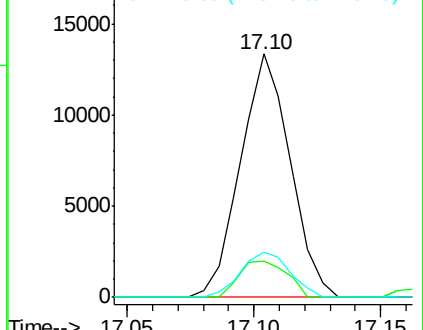
176 18.8 15.2 22.8



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



#71

Anthracene

Concen: 1.19 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. -0.09 min

Lab File: BM001838.D

Acq: 06 Jul 2015 16:03

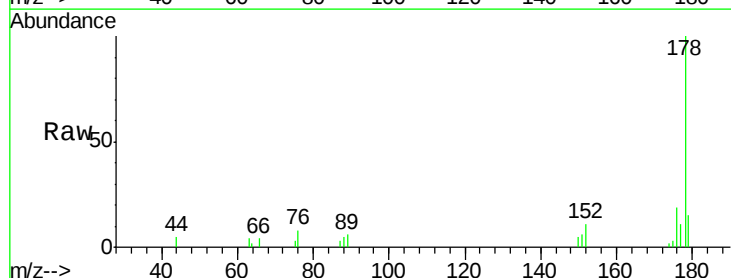
Tgt Ion:178 Resp: 18272

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

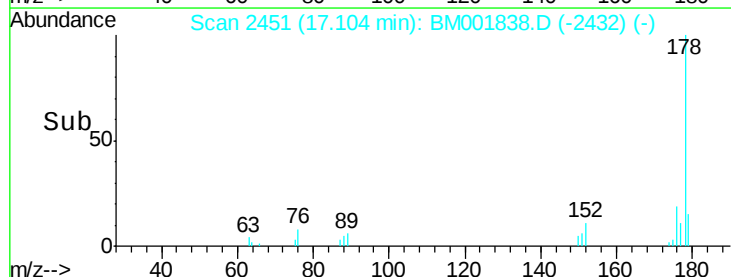
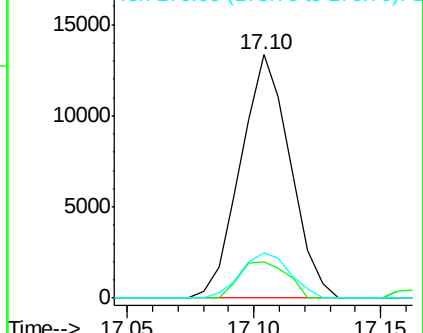
176 18.8 14.4 21.6

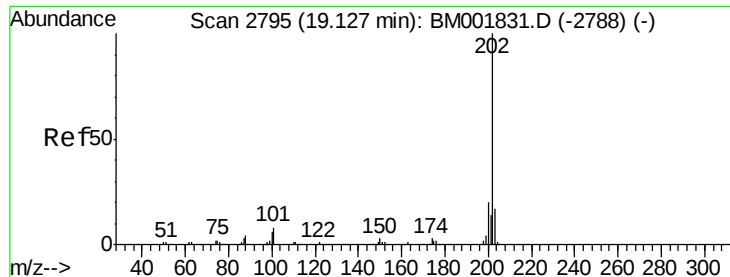


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 1.83 ng/ul

RT: 19.13 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM001838.D

Acq: 06 Jul 2015 16:03

Instrument :

BNA_M

ClientSampleId :

G93K8

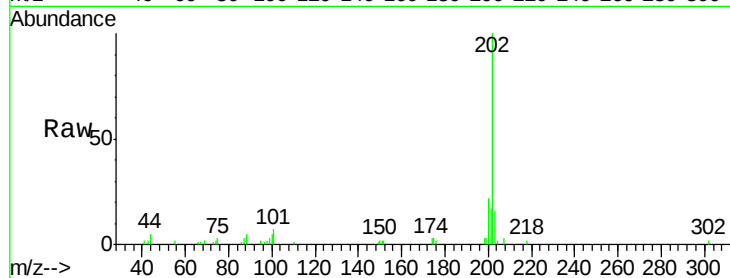
Tgt Ion:202 Resp: 32636

Ion Ratio Lower Upper

202 100

101 6.9 6.1 9.1

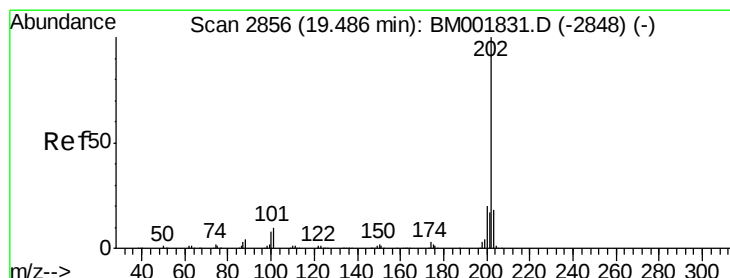
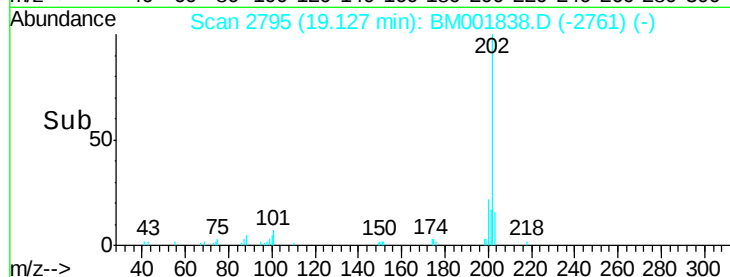
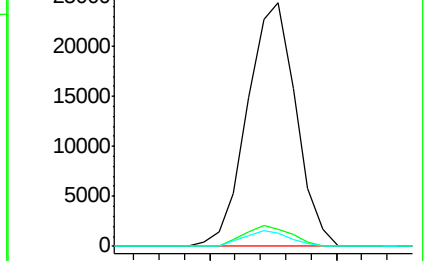
100 5.4 4.8 7.2



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: 1.75 ng/ul

RT: 19.49 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BM001838.D

Acq: 06 Jul 2015 16:03

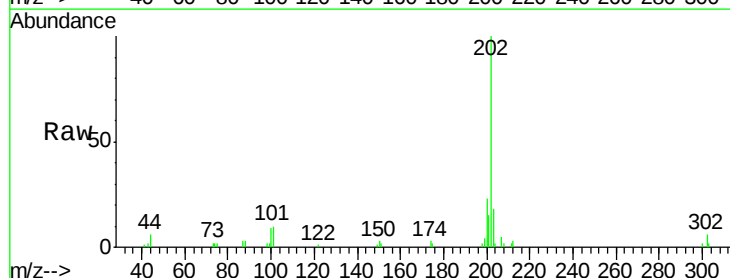
Tgt Ion:202 Resp: 32717

Ion Ratio Lower Upper

202 100

101 10.2 6.9 10.3

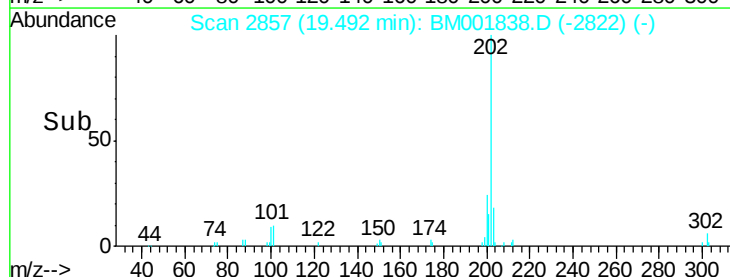
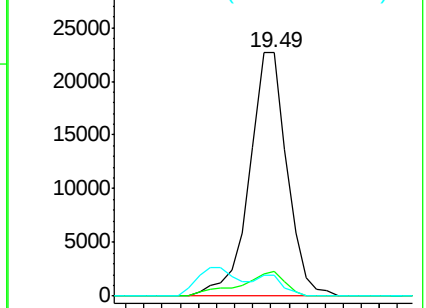
100 8.6 6.2 9.2

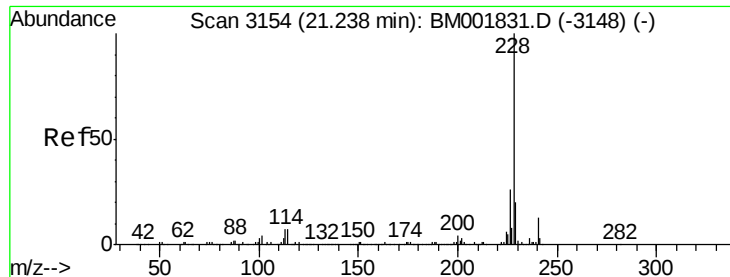


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.13 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BM001838.D

Acq: 06 Jul 2015 16:03

Instrument :

BNA_M

ClientSampleId :

G93K8

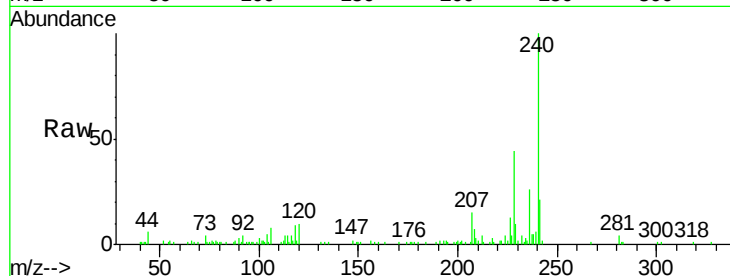
Tgt Ion:228 Resp: 22158

Ion Ratio Lower Upper

228 100

229 22.1 15.4 23.0

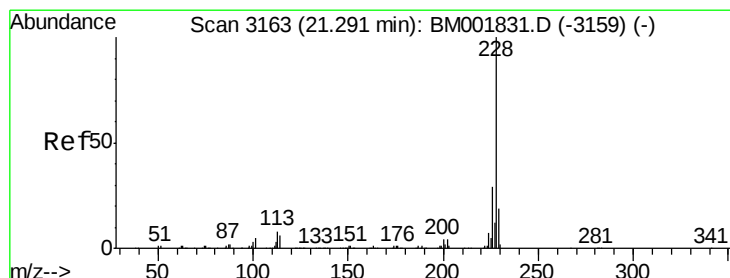
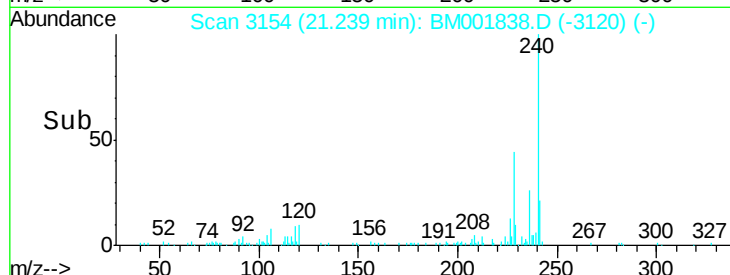
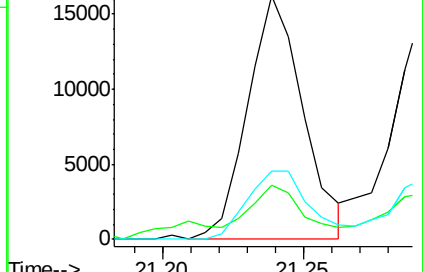
226 28.2 20.6 30.8



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: 1.01 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BM001838.D

Acq: 06 Jul 2015 16:03

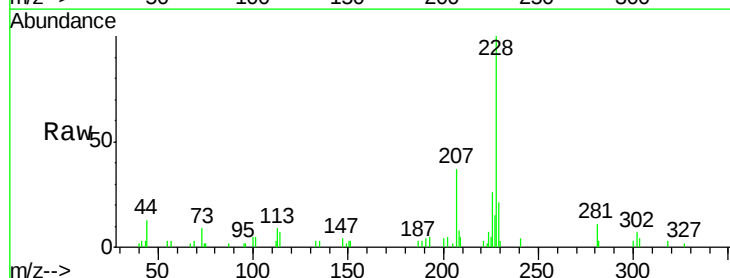
Tgt Ion:228 Resp: 18834

Ion Ratio Lower Upper

228 100

226 25.9 23.0 34.4

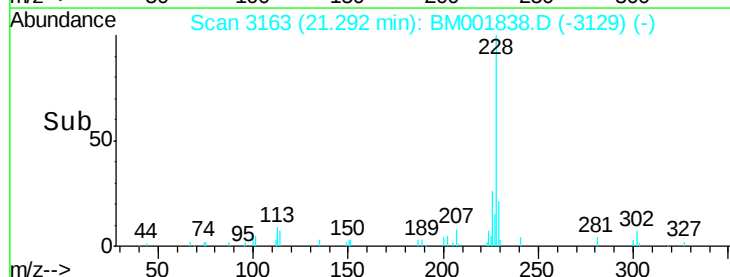
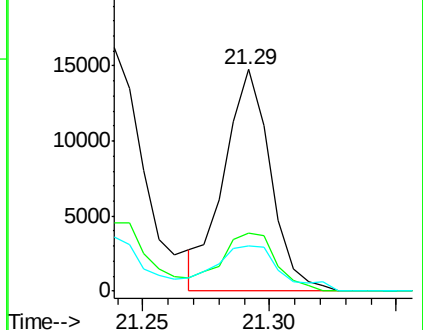
229 20.6 15.4 23.2

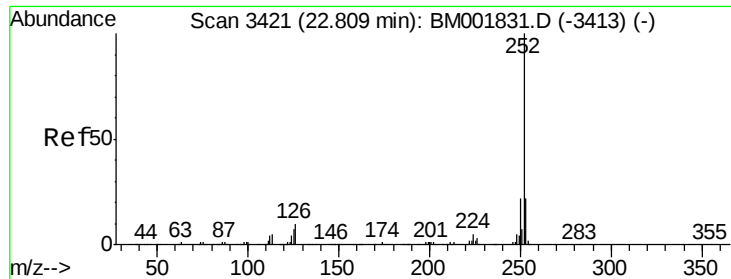


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 1.31 ng/ul

RT: 22.81 min Scan# 3421

Delta R.T. 0.00 min

Lab File: BM001838.D

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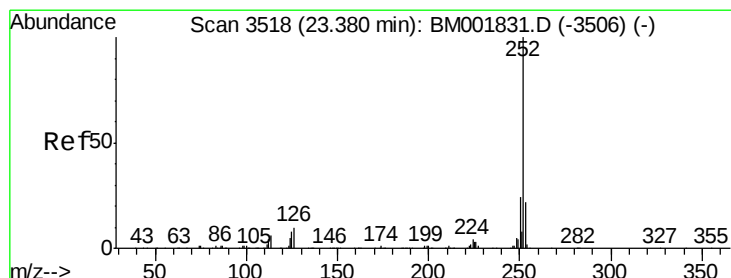
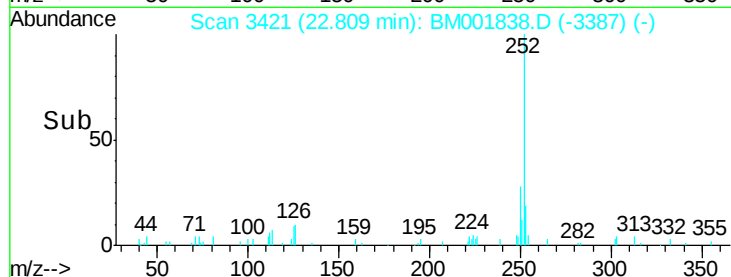
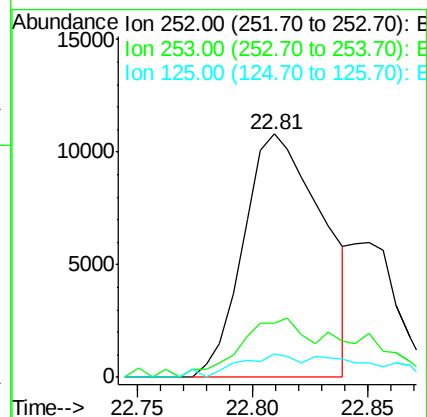
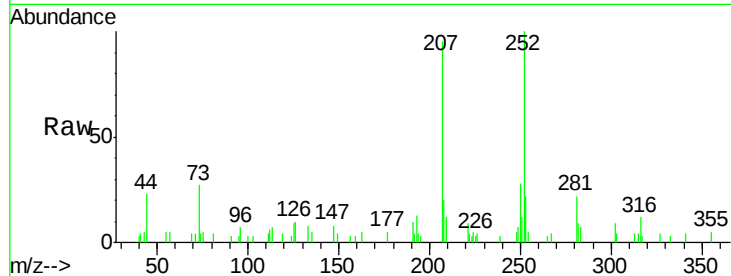
Tgt Ion:252 Resp: 25744

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 9.4 5.3 7.9#



#90

Benzo(a)pyrene

Concen: 1.05 ng/ul

RT: 23.38 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BM001838.D

Acq: 06 Jul 2015 16:03

Tgt Ion:252 Resp: 20086

Ion Ratio Lower Upper

252 100

253 28.3 17.4 26.0#

125 8.9 6.0 9.0

