

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001849.D
 Acq On : 07 Jul 2015 00:04
 Operator : TP/UM
 Sample : G2861-07 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L3

Quant Time: Jul 07 07:09:52 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	49155	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	190984	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	116286	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	274758	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	328759	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	333785	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	6.83	99	3434	0.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	2347	1.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	2821	0.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	2143	0.71	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	1327	1.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	1273	0.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	2644	0.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	10846	3.45	ng/ul	-0.03
43) Dimethylphthalate-d6	13.72	166	8598	1.00	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	11816	1.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	2024	1.27	ng/ul	0.00
57) Fluorene-d10	15.31	176	10228	1.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1035	0.62	ng/ul	0.00
70) Anthracene-d10	17.16	188	14467	1.13	ng/ul	0.00
78) Pyrene-d10	19.46	212	16311	1.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	16285	1.11	ng/ul	-0.01

Target Compounds

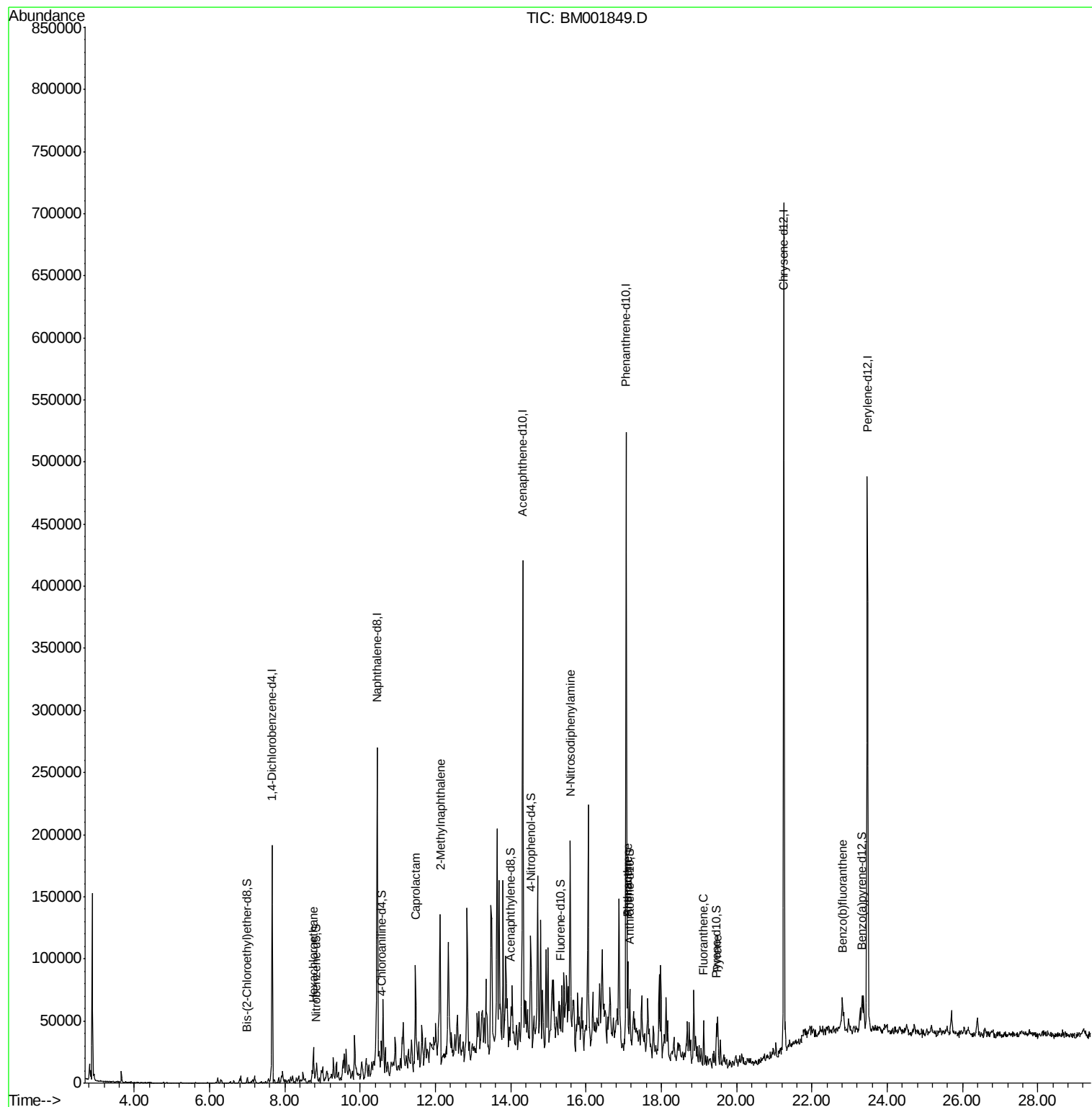
						Qvalue
17) Hexachloroethane	8.76	117	1937	1.56	ng/ul#	1
32) Caprolactam	11.47	113	3178	3.54	ng/ul#	49
34) 2-Methylnaphthalene	12.12	142	54064	7.75	ng/ul	96
64) N-Nitrosodiphenylamine	15.57	169	12987	1.62	ng/ul#	50
69) Phenanthrene	17.10	178	35443	2.38	ng/ul	98
71) Anthracene	17.10	178	36606	2.39	ng/ul	97
76) Fluoranthene	19.12	202	18179	1.02	ng/ul	99
79) Pyrene	19.49	202	26327	1.44	ng/ul	97
87) Benzo(b)fluoranthene	22.80	252	21166	1.09	ng/ul#	95

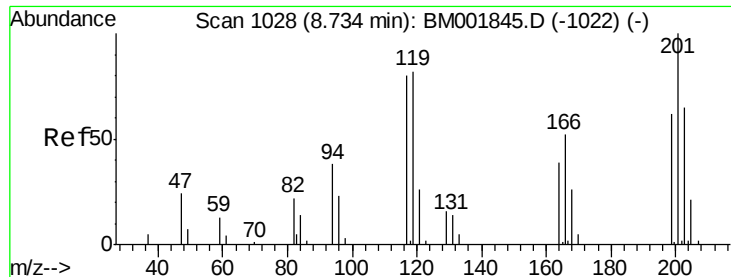
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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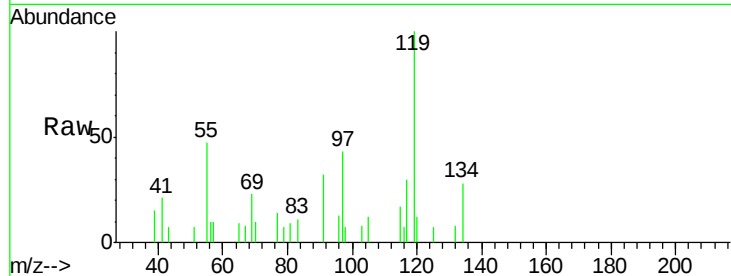




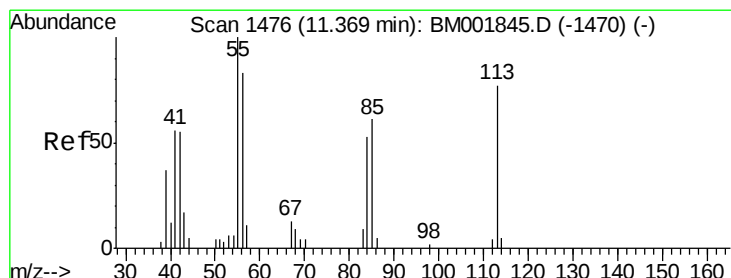
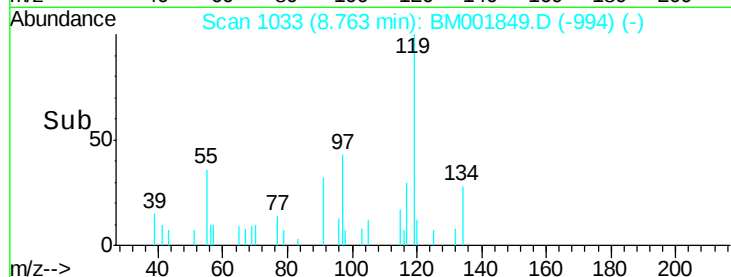
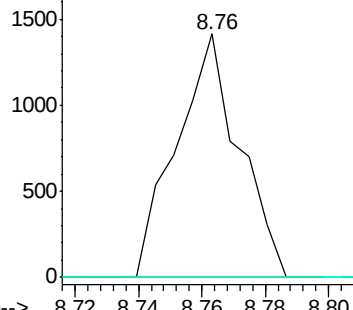
#17
Hexachloroethane
Concen: 1.56 ng/ul
RT: 8.76 min Scan# 1033
Delta R.T. 0.03 min
Lab File: BM001849.D
Acq: 07 Jul 2015 00:04

Instrument :
BNA_M
ClientSampleId :
G93L3

Tgt Ion:117 Resp: 1937
Ion Ratio Lower Upper
117 100
201 0.0 92.1 138.1#
199 0.0 60.6 90.8#

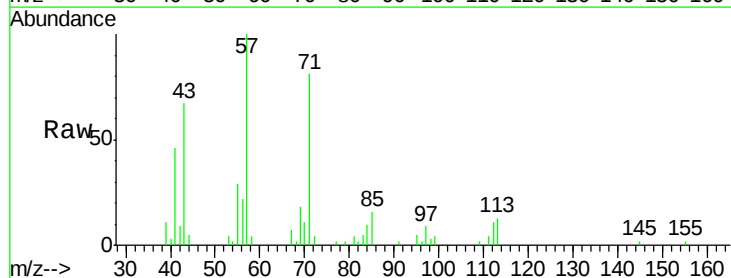


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

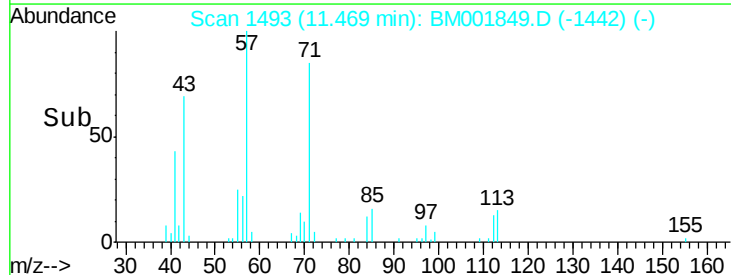
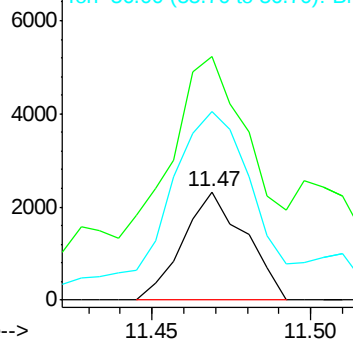


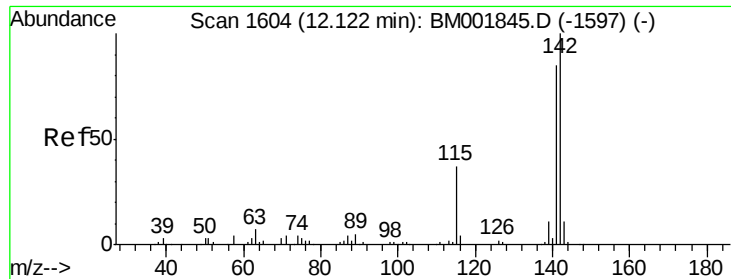
#32
Caprolactam
Concen: 3.54 ng/ul
RT: 11.47 min Scan# 1493
Delta R.T. 0.10 min
Lab File: BM001849.D
Acq: 07 Jul 2015 00:04

Tgt Ion:113 Resp: 3178
Ion Ratio Lower Upper
113 100
55 225.5 123.3 184.9#
56 174.3 98.6 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

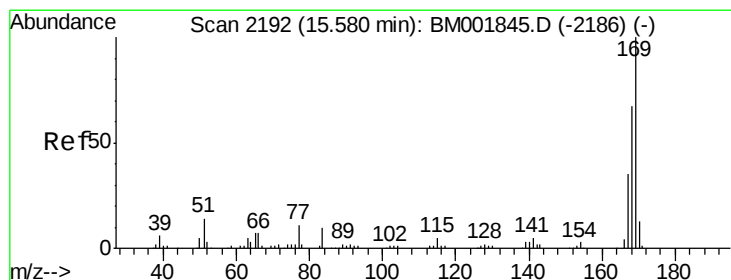
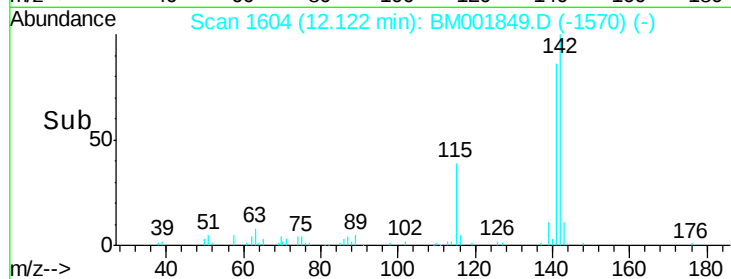
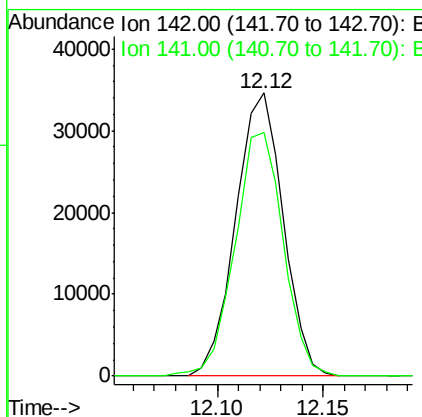
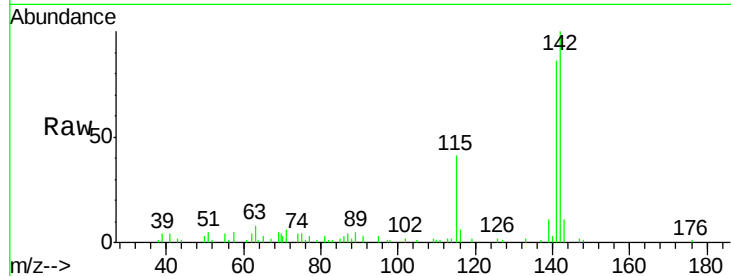




#34
 2-Methylnaphthalene
 Concen: 7.75 ng/ul
 RT: 12.12 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BM001849.D
 Acq: 07 Jul 2015 00:04

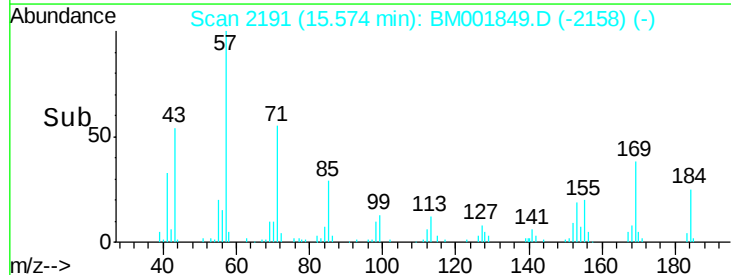
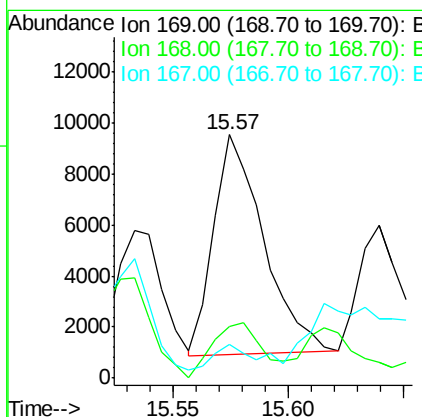
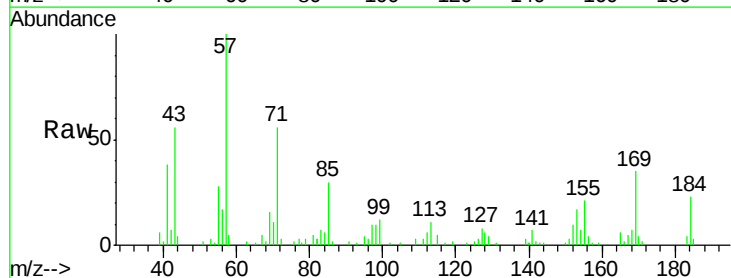
Instrument :
 BNA_M
 ClientSampleId :
 G93L3

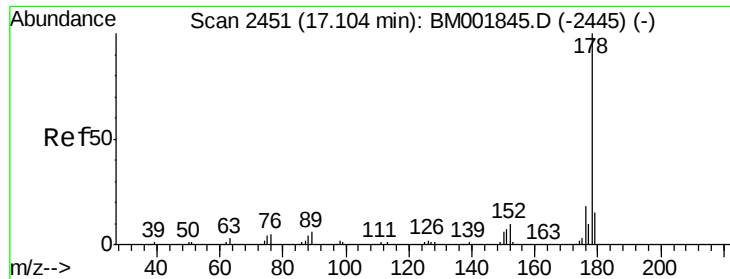
Tgt Ion:142 Resp: 54064
 Ion Ratio Lower Upper
 142 100
 141 86.0 71.6 107.4



#64
 N-Nitrosodiphenylamine
 Concen: 1.62 ng/ul
 RT: 15.57 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BM001849.D
 Acq: 07 Jul 2015 00:04

Tgt Ion:169 Resp: 12987
 Ion Ratio Lower Upper
 169 100
 168 21.0 52.9 79.3#
 167 13.8 27.5 41.3#





#69

Phenanthrene

Concen: 2.38 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM001849.D

Acq: 07 Jul 2015 00:04

Instrument :

BNA_M

ClientSampleId :

G93L3

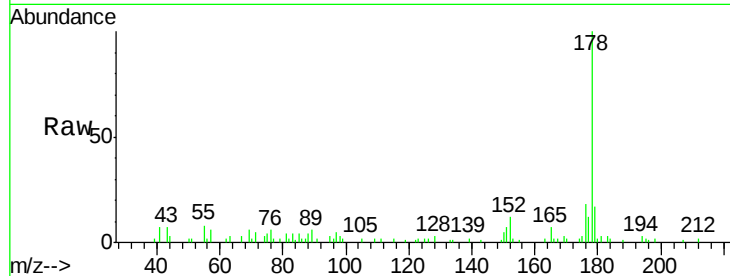
Tgt Ion:178 Resp: 35443

Ion Ratio Lower Upper

178 100

179 16.6 11.9 17.9

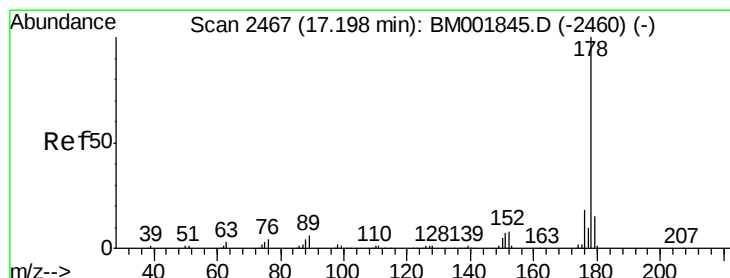
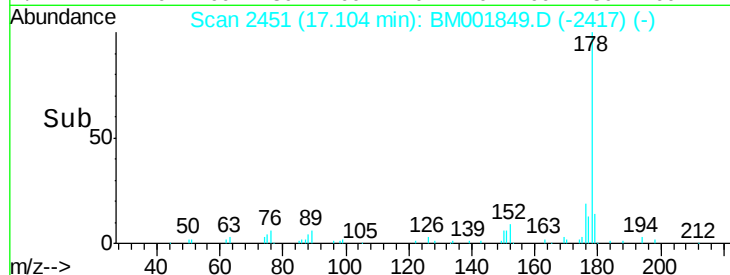
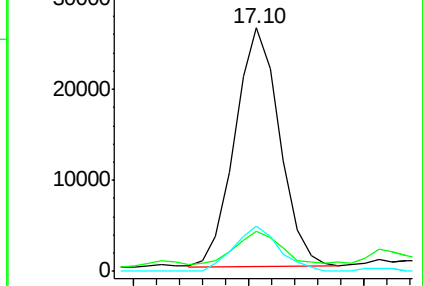
176 18.5 15.2 22.8



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: 2.39 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. -0.09 min

Lab File: BM001849.D

Acq: 07 Jul 2015 00:04

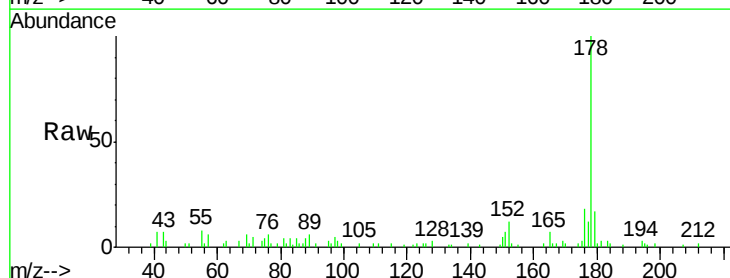
Tgt Ion:178 Resp: 36606

Ion Ratio Lower Upper

178 100

179 16.6 11.8 17.8

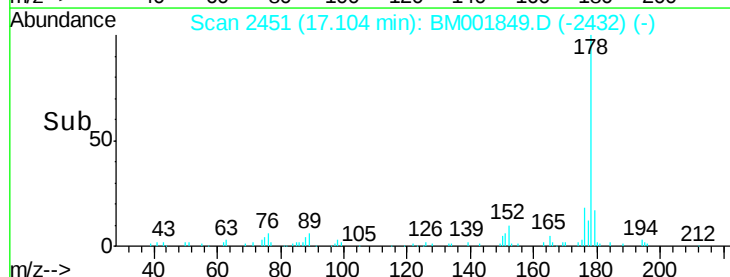
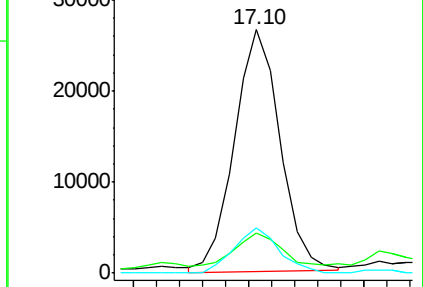
176 18.5 14.4 21.6

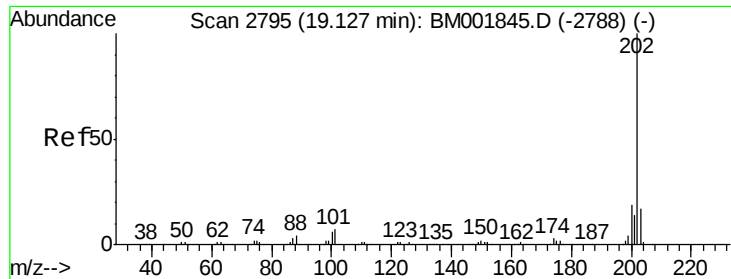


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 1.02 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM001849.D

Acq: 07 Jul 2015 00:04

Instrument :

BNA_M

ClientSampleId :

G93L3

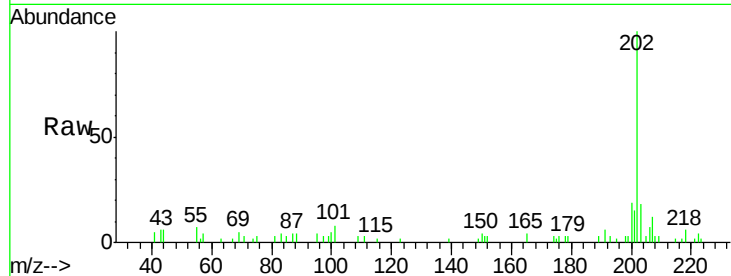
Tgt Ion:202 Resp: 18179

Ion Ratio Lower Upper

202 100

101 7.5 6.1 9.1

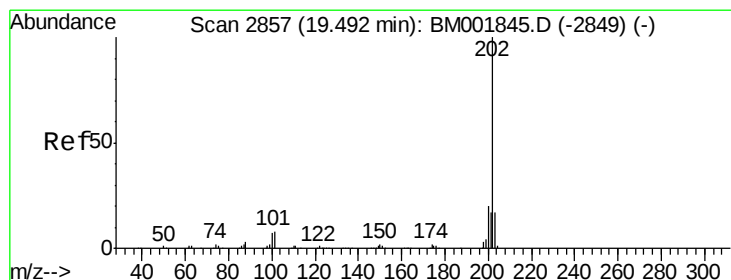
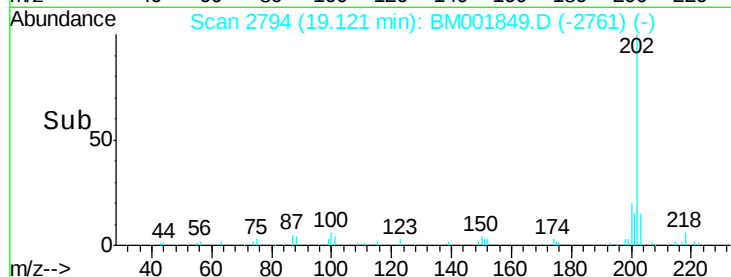
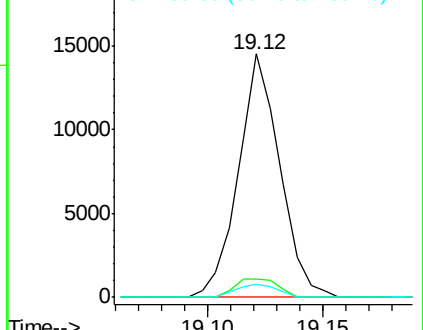
100 5.4 4.8 7.2



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: 1.44 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM001849.D

Acq: 07 Jul 2015 00:04

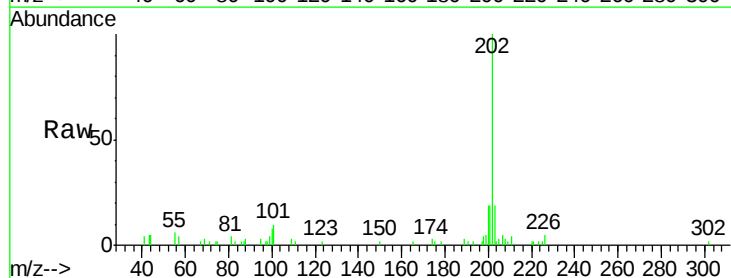
Tgt Ion:202 Resp: 26327

Ion Ratio Lower Upper

202 100

101 9.8 6.9 10.3

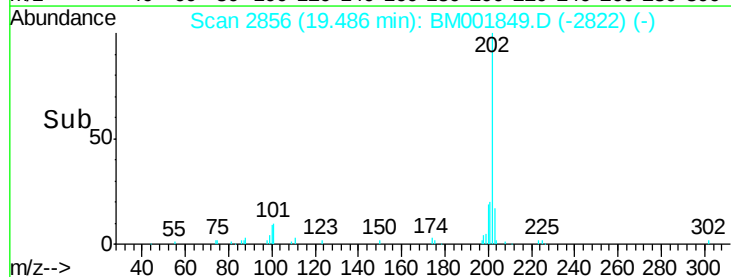
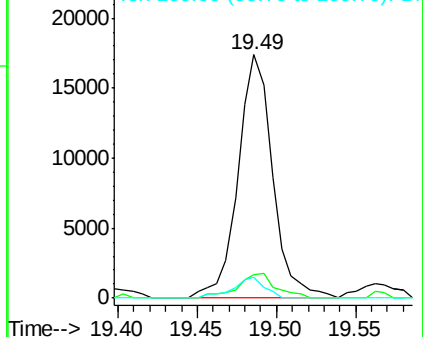
100 8.3 6.2 9.2

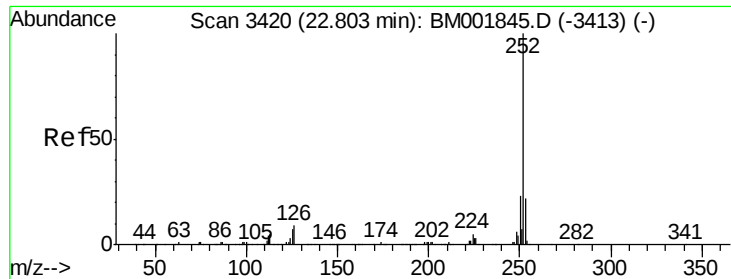


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#87

Benzo(b)fluoranthene

Concen: 1.09 ng/ul

RT: 22.80 min Scan# 3420

Delta R.T. -0.01 min

Lab File: BM001849.D

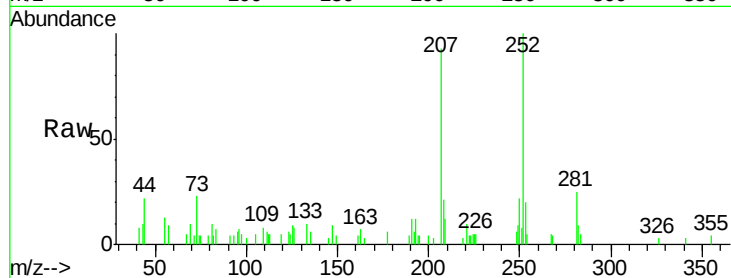
Acq: 07 Jul 2015 00:04

Instrument :

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ClientSampleId :

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Tgt Ion: 252 Resp: 21166

Ion Ratio Lower Upper

252 100

253 20.1 17.8 26.6

125 9.1 5.3 7.9#

