

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001855.D
 Acq On : 07 Jul 2015 03:44
 Operator : TP/UM
 Sample : G2860-17 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93K2DL

Quant Time: Jul 07 07:11:09 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	64120	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	253376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	152497	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	351458	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	406847	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	410988	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	279	0.21	ng/uL	0.00
5) Phenol-d5	6.83	99	10302	2.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	6239	2.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	9012	2.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	7839	1.98	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	4019	2.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	3823	1.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	8839	2.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	10161	2.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	27187	2.40	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	35122	2.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	2219	1.06	ng/ul	0.00
57) Fluorene-d10	15.31	176	26908	2.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1764	0.82	ng/ul	0.00
70) Anthracene-d10	17.16	188	40531	2.48	ng/ul	0.00
78) Pyrene-d10	19.46	212	45232	2.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	46019	2.54	ng/ul	0.00

Target Compounds

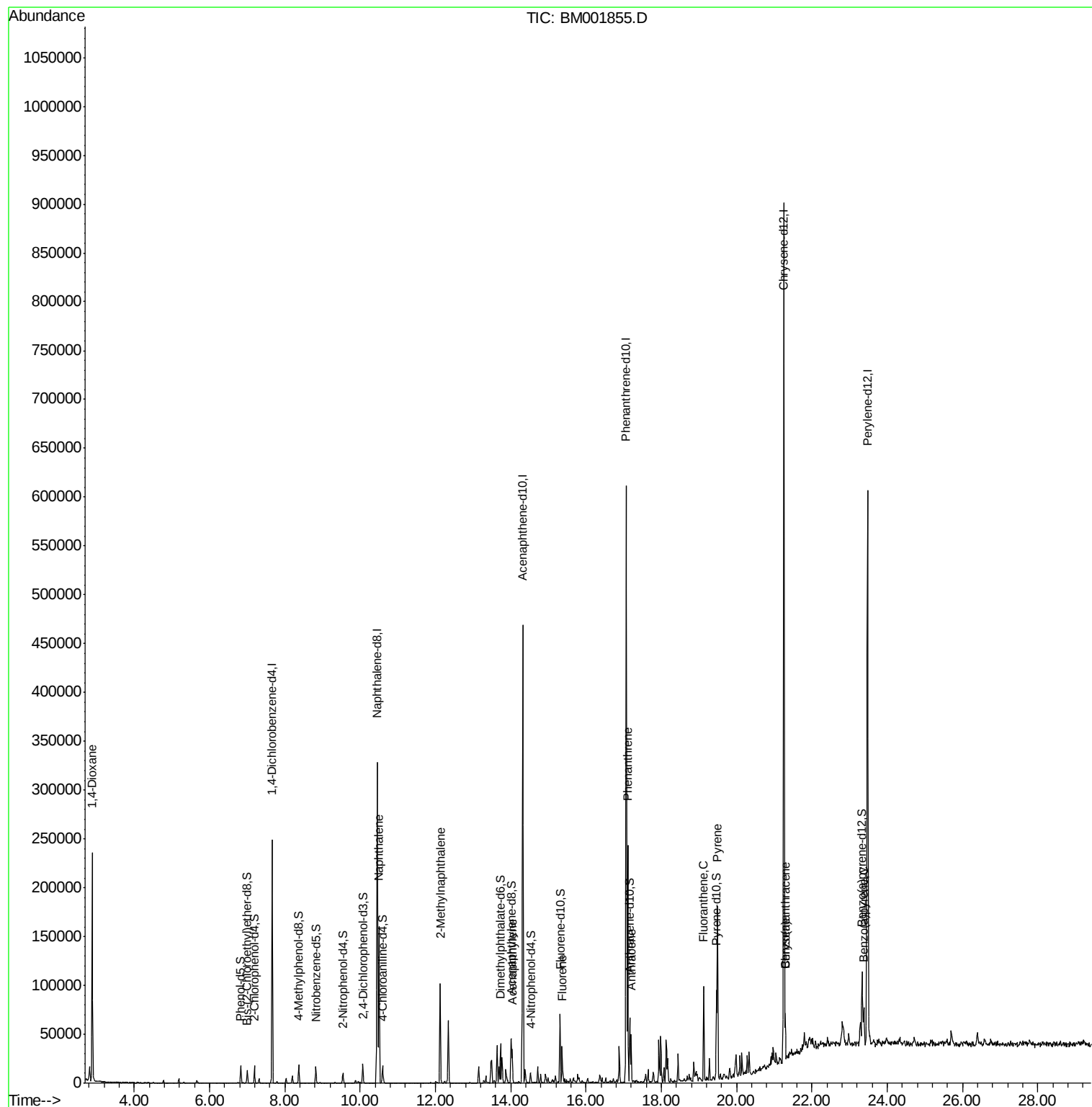
						Qvalue
2) 1,4-Dioxane	2.88	88	1625	1.06	ng/uL#	1
28) Naphthalene	10.50	128	126345	9.88	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	47819	5.17	ng/ul	97
47) Acenaphthylene	14.04	152	22950	1.52	ng/ul	99
58) Fluorene	15.37	166	19215	1.60	ng/ul	99
69) Phenanthrene	17.10	178	143766	7.54	ng/ul	99
71) Anthracene	17.19	178	31269	1.60	ng/ul	99
76) Fluoranthene	19.12	202	59734	2.62	ng/ul	99
79) Pyrene	19.49	202	110867	4.91	ng/ul	99
82) Benzo(a)anthracene	21.29	228	26070	1.10	ng/ul	95
84) Chrysene	21.29	228	26070	1.16	ng/ul	98
90) Benzo(a)pyrene	23.37	252	29199	1.25	ng/ul	97

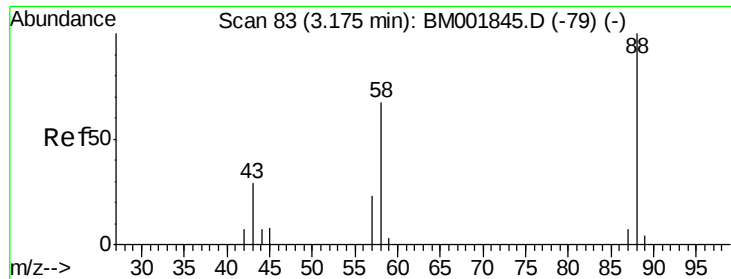
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 1.06 ng/uL

RT: 2.88 min Scan# 33

Delta R.T. -0.29 min

Lab File: BM001855.D

Acq: 07 Jul 2015 03:44

Instrument :

BNA_M

ClientSampleId :

G93K2DL

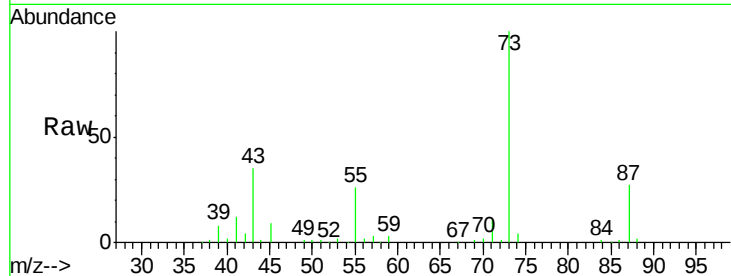
Tgt Ion: 88 Resp: 1625

Ion Ratio Lower Upper

88 100

43 2311.6 24.2 36.4#

58 25.8 56.2 84.2#

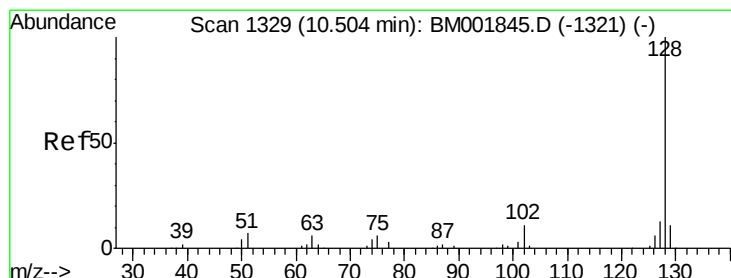
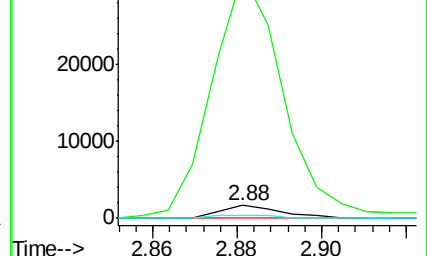
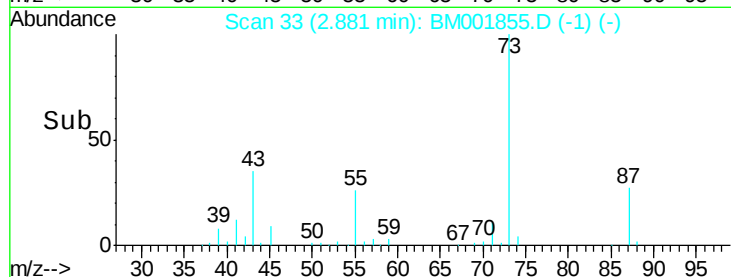


Abundance Ion 88.00 (87.70 to 88.70): BM001845.D (-79) (-)

Ion 43.00 (42.70 to 43.70): BM001845.D (-79) (-)

Ion 58.00 (57.70 to 58.70): BM001845.D (-79) (-)

Time-->



#28

Naphthalene

Concen: 9.88 ng/uL

RT: 10.50 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BM001855.D

Acq: 07 Jul 2015 03:44

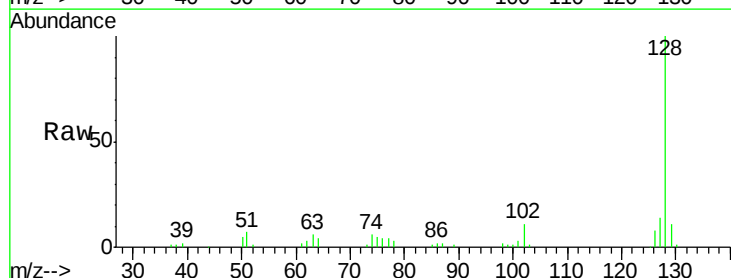
Tgt Ion: 128 Resp: 126345

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 14.1 10.0 15.0

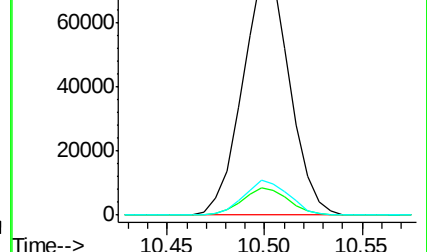
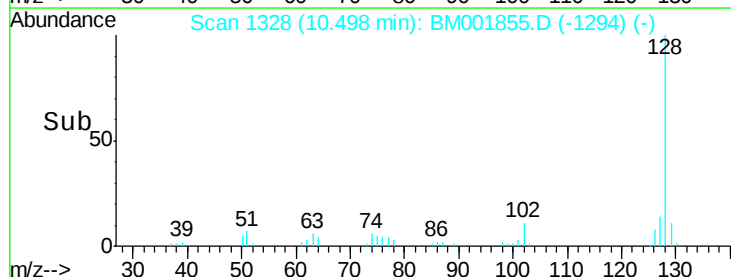


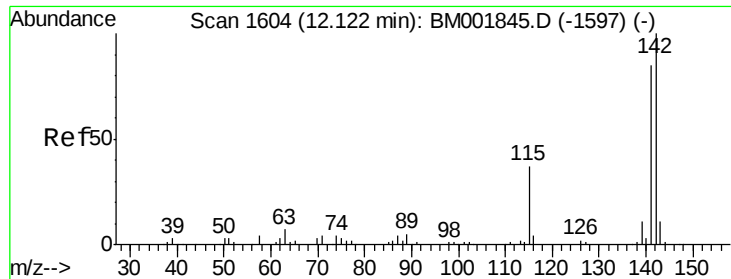
Abundance Ion 128.00 (127.70 to 128.70): BM001845.D (-1321) (-)

Ion 129.00 (128.70 to 129.70): BM001845.D (-1321) (-)

Ion 127.00 (126.70 to 127.70): BM001845.D (-1321) (-)

Time-->

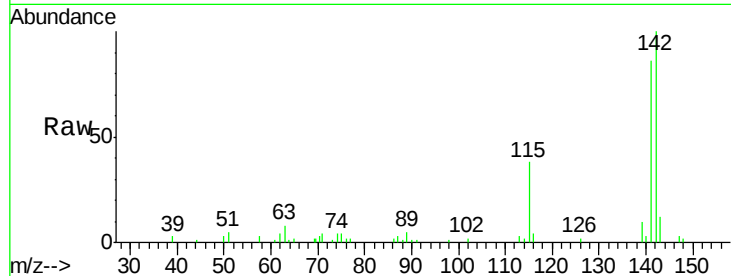




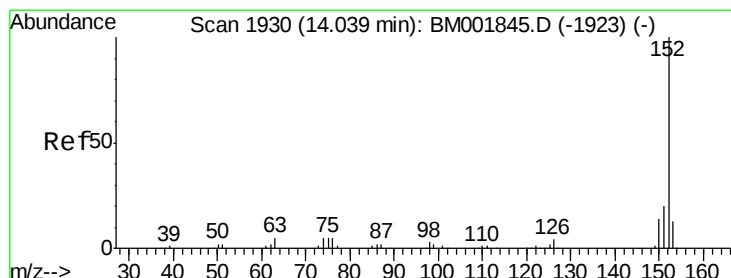
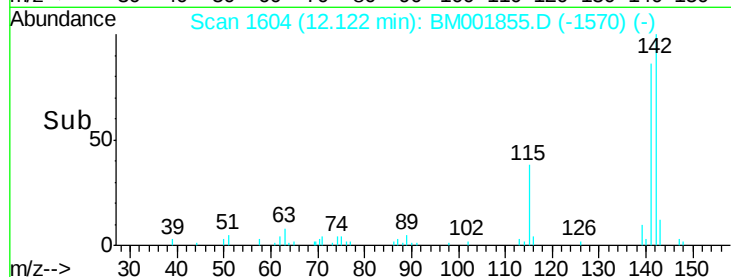
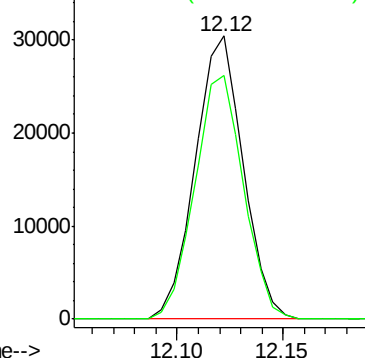
#34
2-Methylnaphthalene
Concen: 5.17 ng/ul
RT: 12.12 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BM001855.D
Acq: 07 Jul 2015 03:44

Instrument :
BNA_M
ClientSampleId :
G93K2DL

Tgt Ion:142 Resp: 47819
Ion Ratio Lower Upper
142 100
141 86.2 71.6 107.4

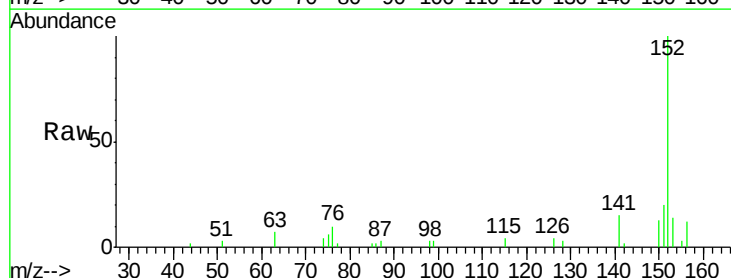


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

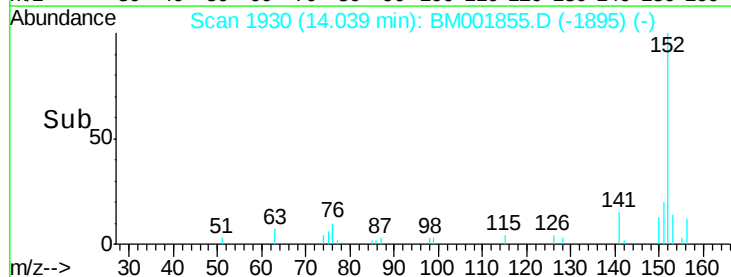
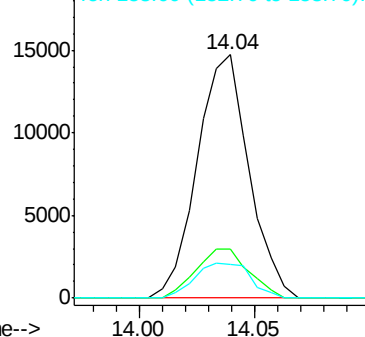


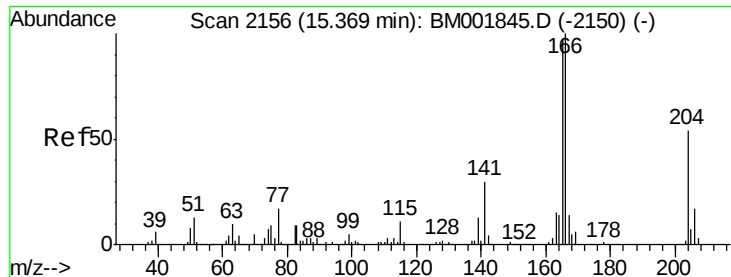
#47
Acenaphthylene
Concen: 1.52 ng/ul
RT: 14.04 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BM001855.D
Acq: 07 Jul 2015 03:44

Tgt Ion:152 Resp: 22950
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.8 10.0 15.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#58

Fluorene

Concen: 1.60 ng/ul

RT: 15.37 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BM001855.D

Acq: 07 Jul 2015 03:44

Instrument :

BNA_M

ClientSampleId :

G93K2DL

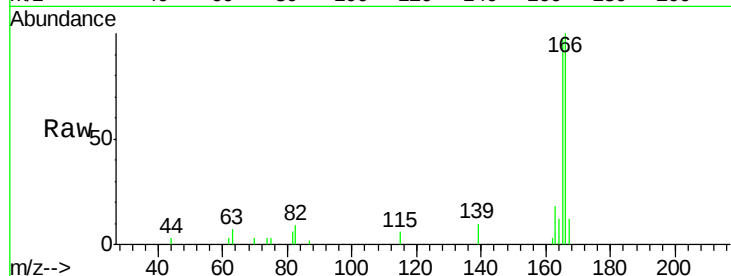
Tgt Ion:166 Resp: 19215

Ion Ratio Lower Upper

166 100

165 97.2 77.4 116.2

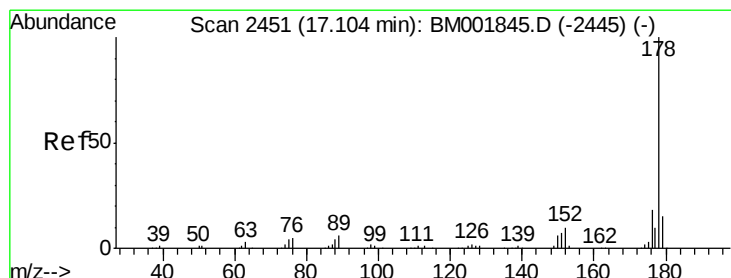
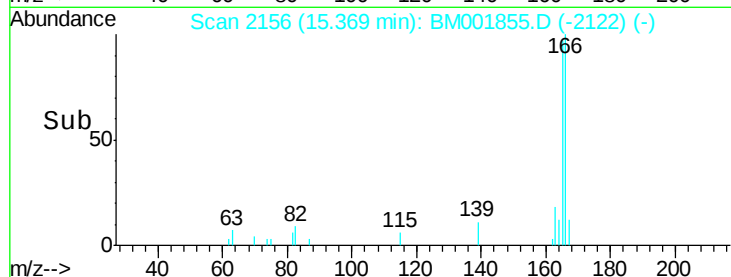
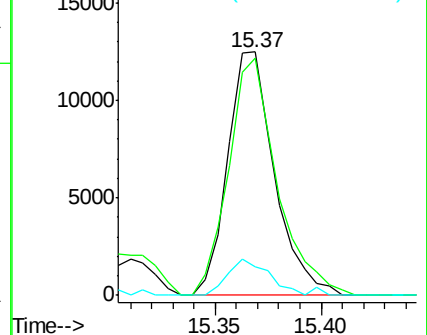
167 11.6 11.3 16.9



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



#69

Phenanthrene

Concen: 7.54 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM001855.D

Acq: 07 Jul 2015 03:44

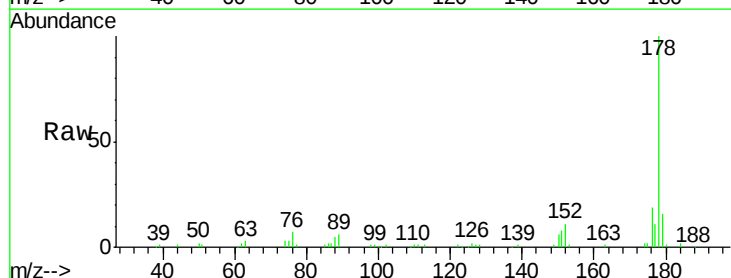
Tgt Ion:178 Resp: 143766

Ion Ratio Lower Upper

178 100

179 16.1 11.9 17.9

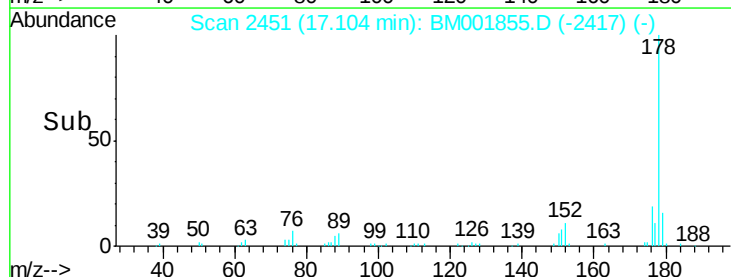
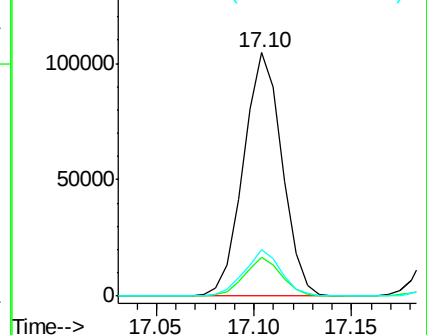
176 19.0 15.2 22.8

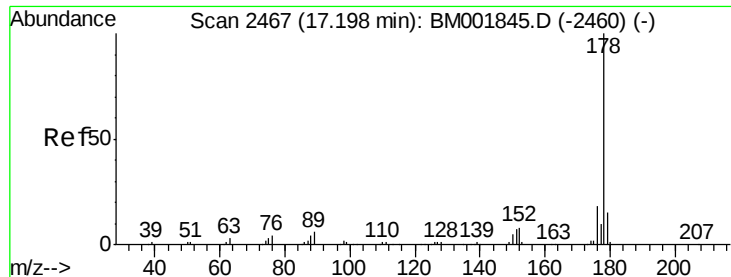


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.60 ng/ul

RT: 17.19 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BM001855.D

Acq: 07 Jul 2015 03:44

Instrument :

BNA_M

ClientSampleId :

G93K2DL

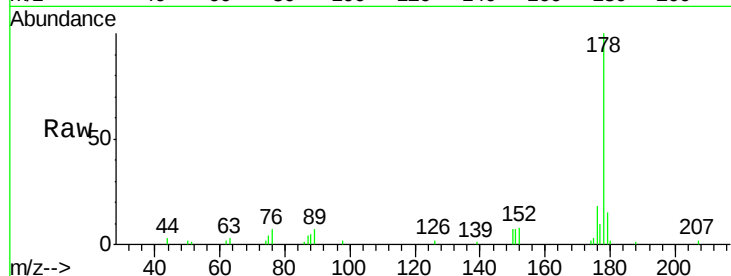
Tgt Ion:178 Resp: 31269

Ion Ratio Lower Upper

178 100

179 15.2 11.8 17.8

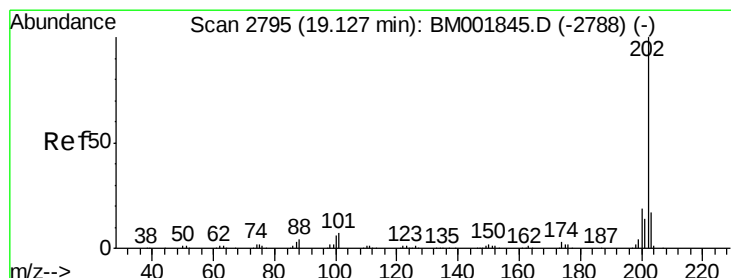
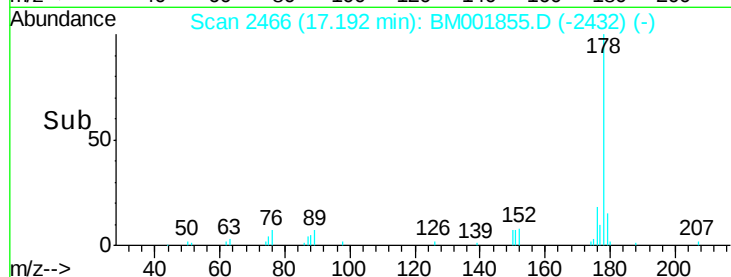
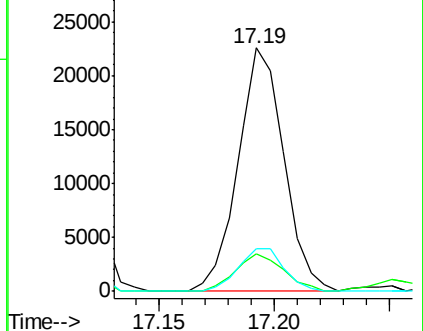
176 17.8 14.4 21.6



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: 2.62 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM001855.D

Acq: 07 Jul 2015 03:44

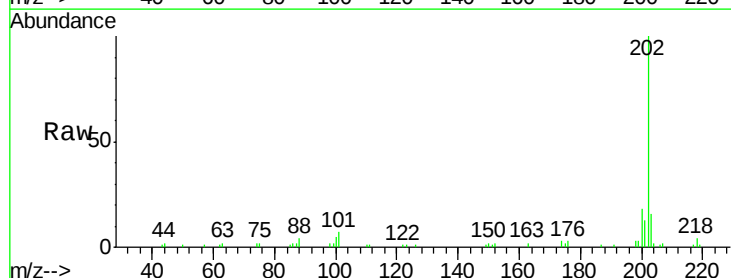
Tgt Ion:202 Resp: 59734

Ion Ratio Lower Upper

202 100

101 7.2 6.1 9.1

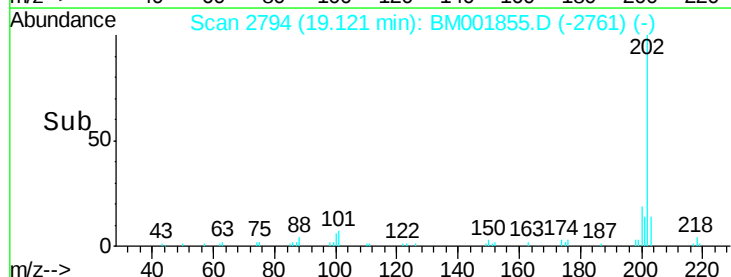
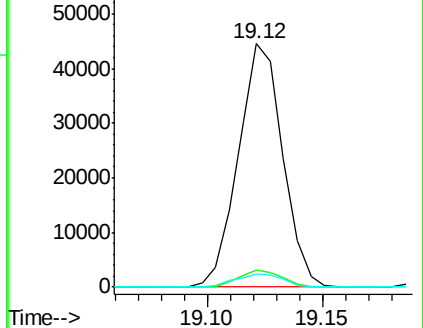
100 5.5 4.8 7.2

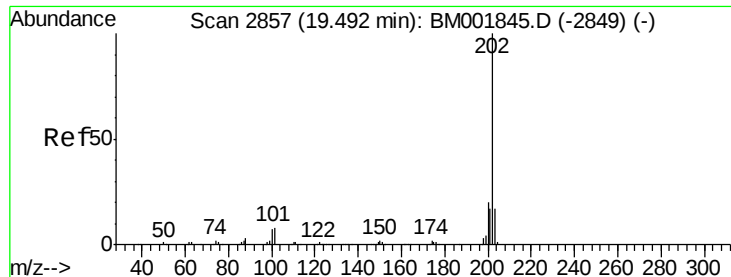


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 4.91 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM001855.D

Acq: 07 Jul 2015 03:44

Instrument :

BNA_M

ClientSampleId :

G93K2DL

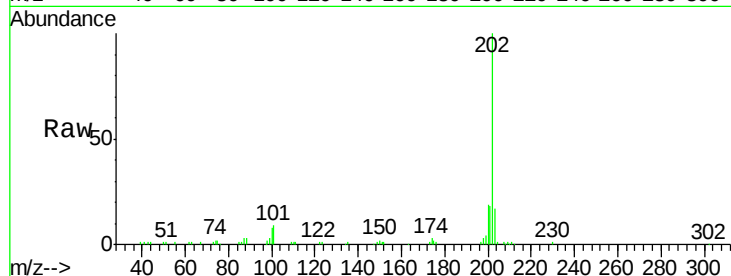
Tgt Ion:202 Resp: 110867

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

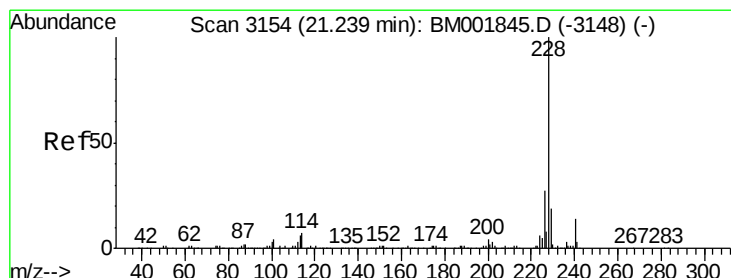
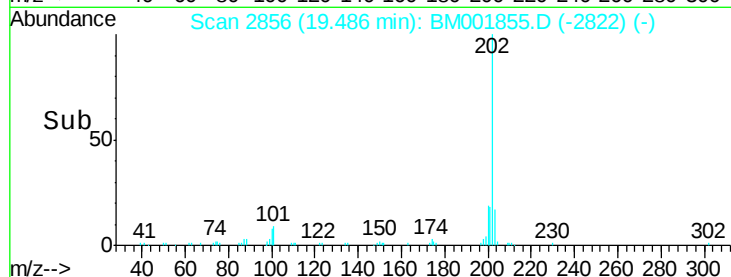
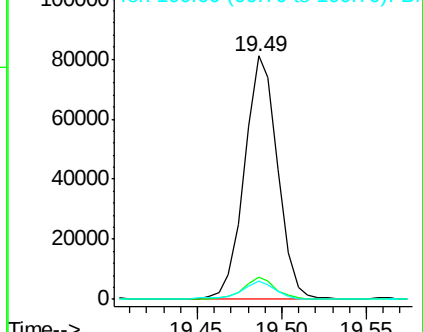
100 7.6 6.2 9.2



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: 1.10 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. 0.05 min

Lab File: BM001855.D

Acq: 07 Jul 2015 03:44

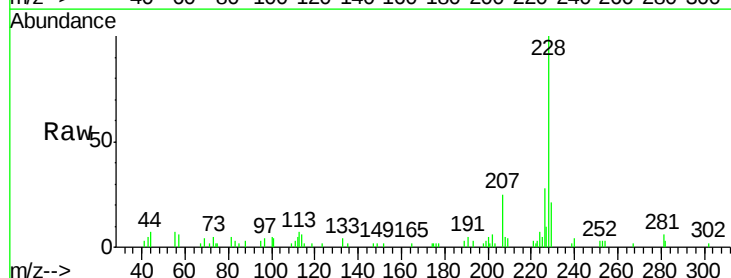
Tgt Ion:228 Resp: 26070

Ion Ratio Lower Upper

228 100

229 21.5 15.4 23.0

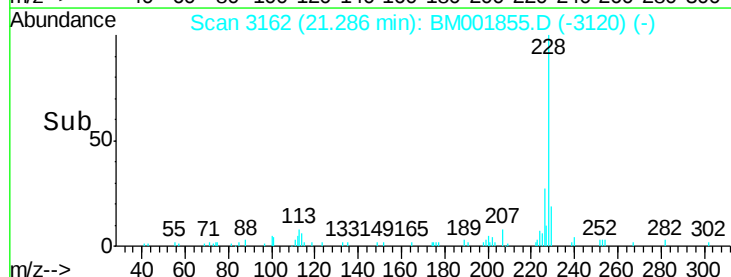
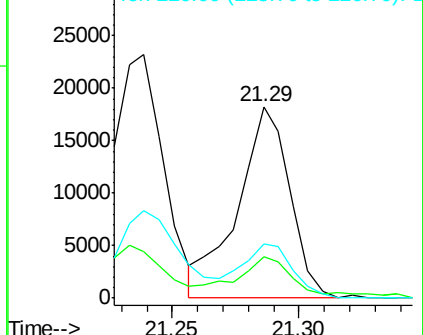
226 28.3 20.6 30.8

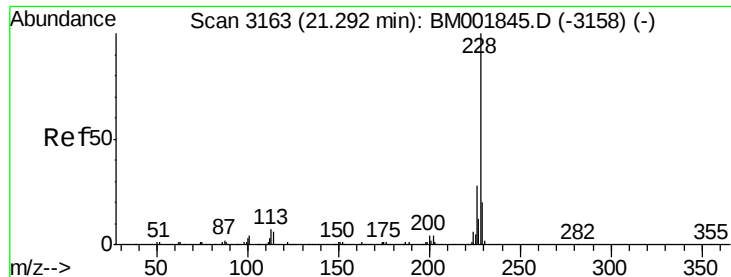


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.16 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001855.D

Acq: 07 Jul 2015 03:44

Instrument :

BNA_M

ClientSampleId :

G93K2DL

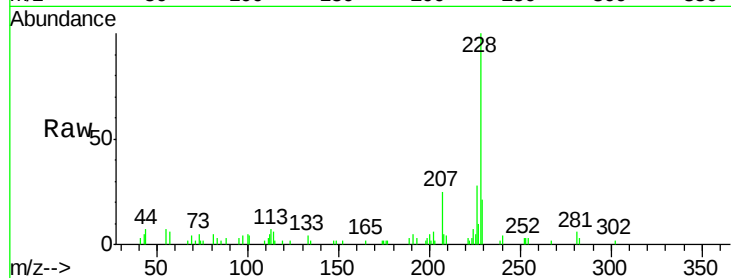
Tgt Ion:228 Resp: 26070

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.4

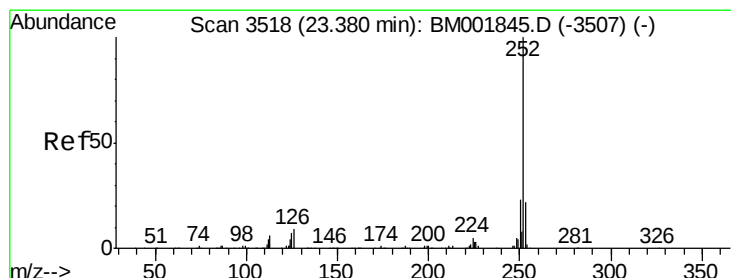
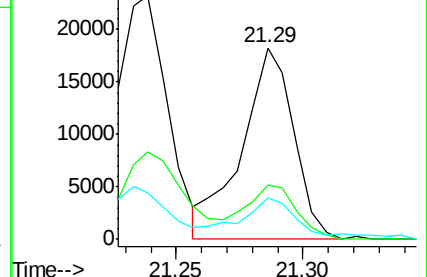
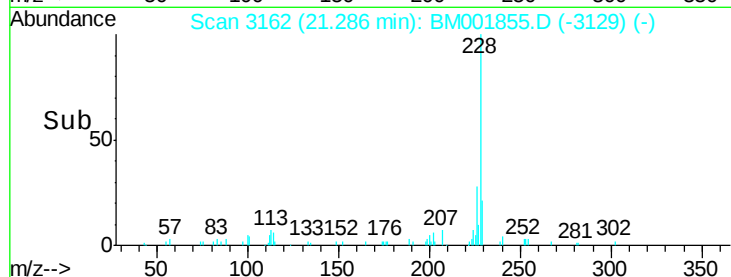
229 21.5 15.4 23.2



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



#90

Benzo(a)pyrene

Concen: 1.25 ng/ul

RT: 23.37 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM001855.D

Acq: 07 Jul 2015 03:44

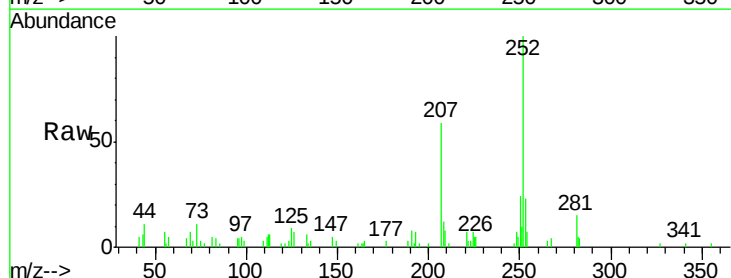
Tgt Ion:252 Resp: 29199

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 8.8 6.0 9.0



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

