

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001846.D
 Acq On : 06 Jul 2015 22:14
 Operator : TP/UM
 Sample : G2861-13 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L7

Quant Time: Jul 07 07:04:42 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 07 07:01:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	59558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	234650	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	145730	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	343084	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	430362	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	444744	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.83	99	6679	1.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	3942	1.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	5592	1.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	1974	0.54	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	2307	1.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	2533	1.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	5145	1.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	2279	0.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	18612	1.72	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	22780	1.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	1653	0.83	ng/ul	0.00
57) Fluorene-d10	15.31	176	18620	1.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	1706	0.81	ng/ul	0.00
70) Anthracene-d10	17.16	188	28935	1.81	ng/ul	0.00
78) Pyrene-d10	19.46	212	31215	1.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	32602	1.66	ng/ul	0.00

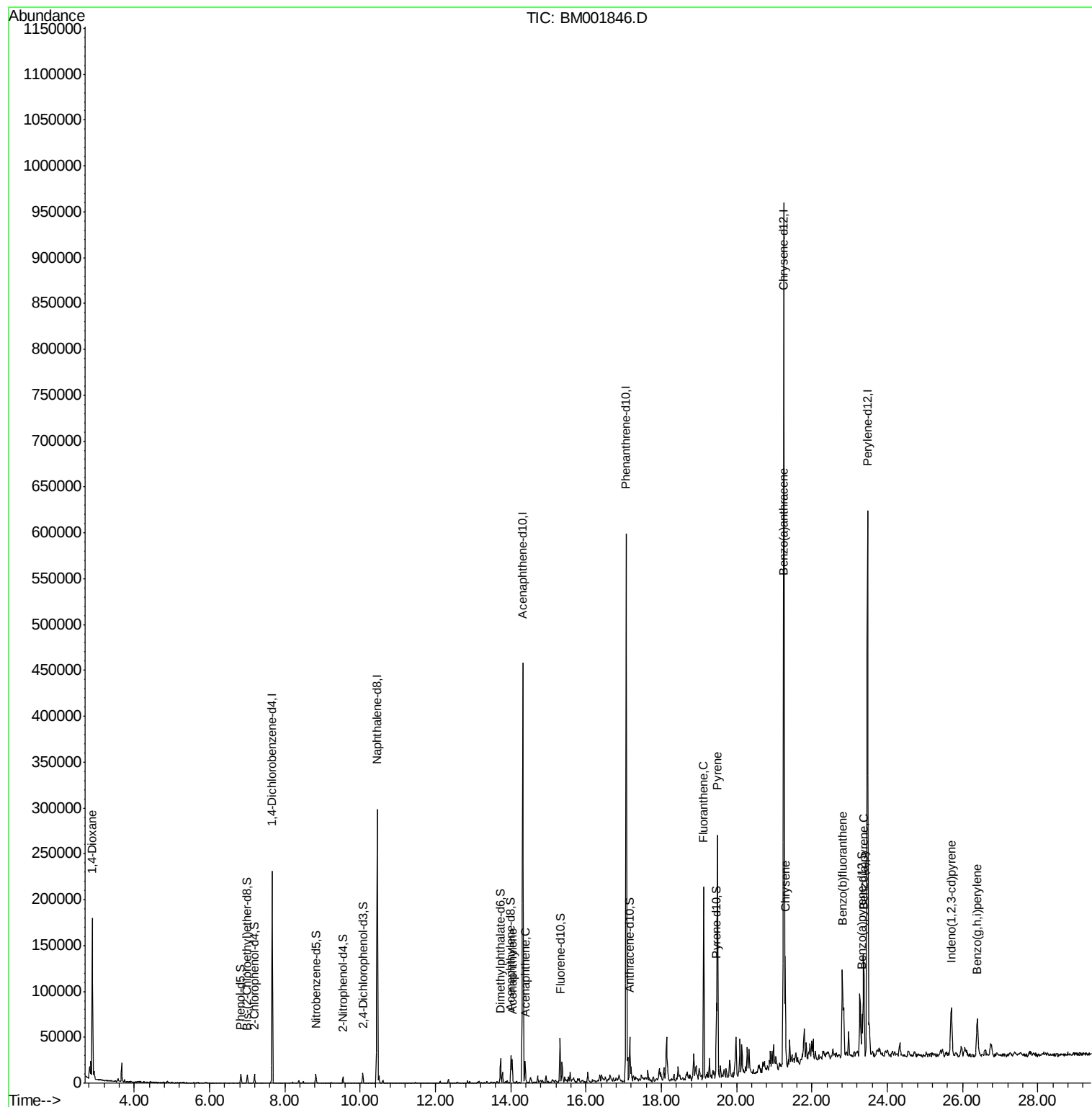
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.88	88	1449	1.02	ng/uL#	1
47) Acenaphthylene	14.03	152	17249	1.19	ng/ul#	93
49) Acenaphthene	14.37	153	10452	1.08	ng/ul	91
76) Fluoranthene	19.12	202	120236	5.40	ng/ul	99
79) Pyrene	19.49	202	159951	6.70	ng/ul	98
82) Benzo(a)anthracene	21.23	228	75824	3.02	ng/ul	94
84) Chrysene	21.29	228	66715	2.80	ng/ul	97
87) Benzo(b)fluoranthene	22.80	252	93775	3.62	ng/ul	99
90) Benzo(a)pyrene	23.37	252	86870	3.45	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	59521	1.99	ng/ul	96
93) Benzo(g,h,i)perylene	26.39	276	55707	2.22	ng/ul	98

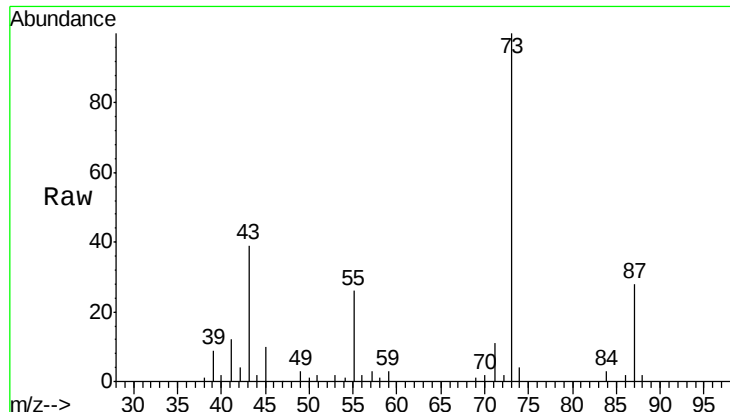
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.02 ng/uL

RT: 2.88 min Scan# 33

Delta R.T. -0.29 min

Lab File: BM001846.D

Acq: 06 Jul 2015 22:14

Instrument :

BNA_M

ClientSampleId :

G93L7

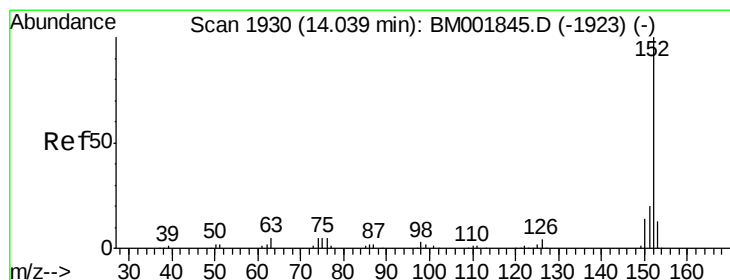
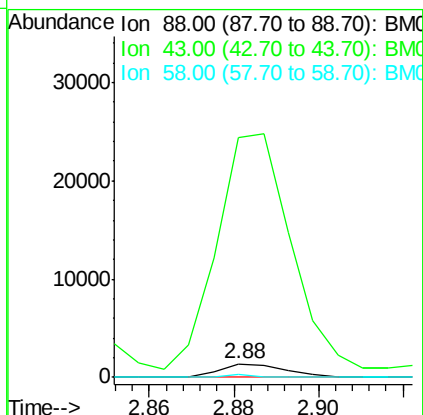
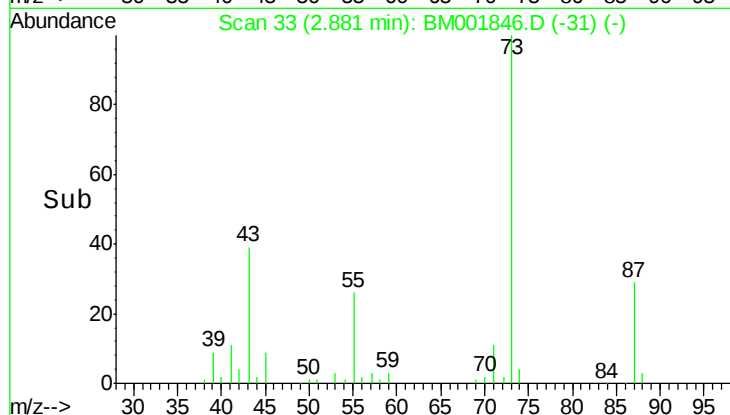
Tgt Ion: 88 Resp: 1449

Ion Ratio Lower Upper

88 100

43 2178.1 24.2 36.4#

58 0.0 56.2 84.2#



#47

Acenaphthylene

Concen: 1.19 ng/uL

RT: 14.03 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BM001846.D

Acq: 06 Jul 2015 22:14

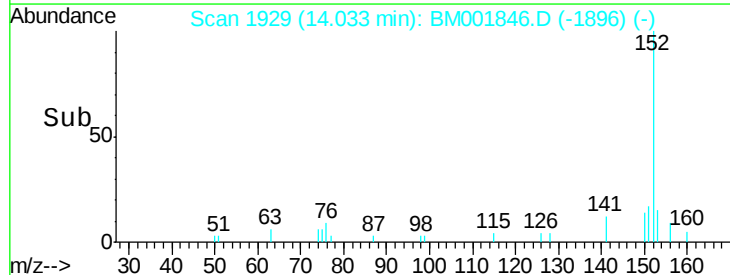
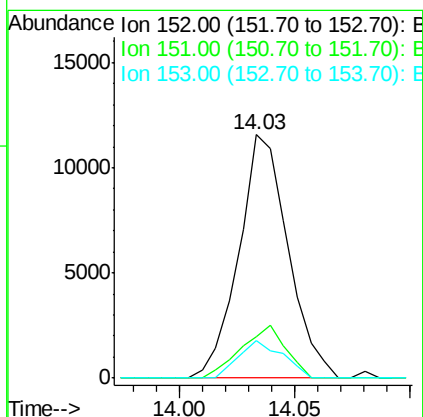
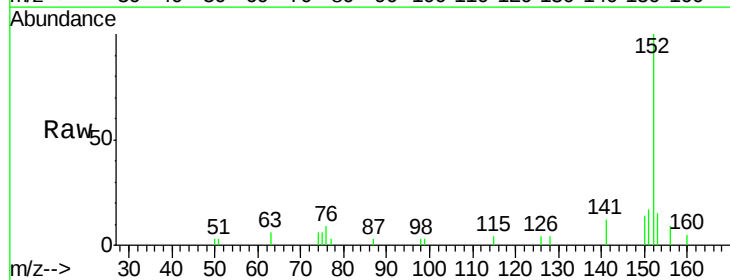
Tgt Ion: 152 Resp: 17249

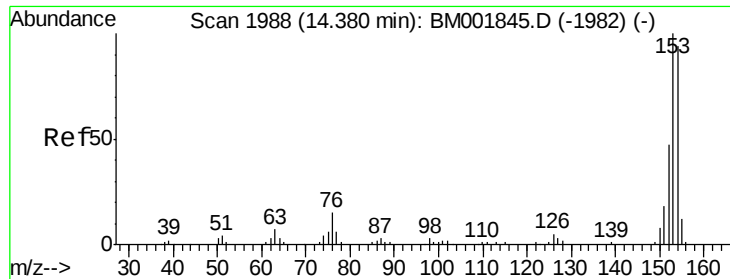
Ion Ratio Lower Upper

152 100

151 16.8 15.9 23.9

153 15.4 10.0 15.0#





#49

Acenaphthene

Concen: 1.08 ng/ul

RT: 14.37 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BM001846.D

Acq: 06 Jul 2015 22:14

Instrument :

BNA_M

ClientSampleId :

G93L7

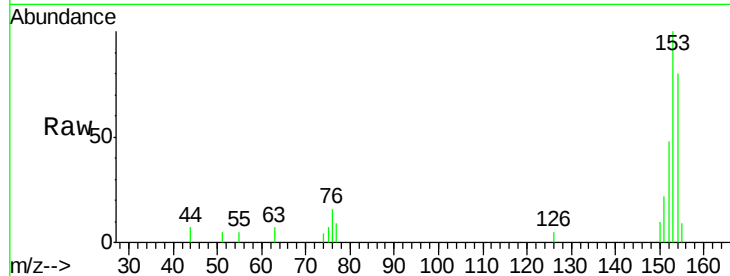
Tgt Ion:153 Resp: 10452

Ion Ratio Lower Upper

153 100

152 48.0 36.6 55.0

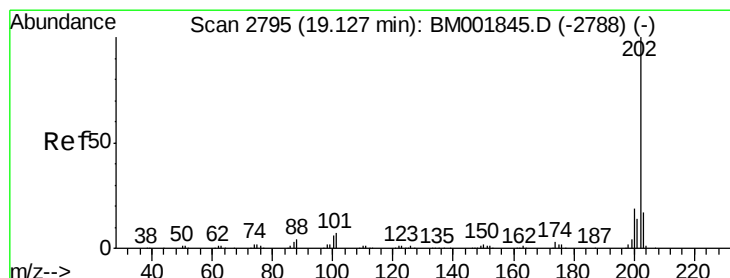
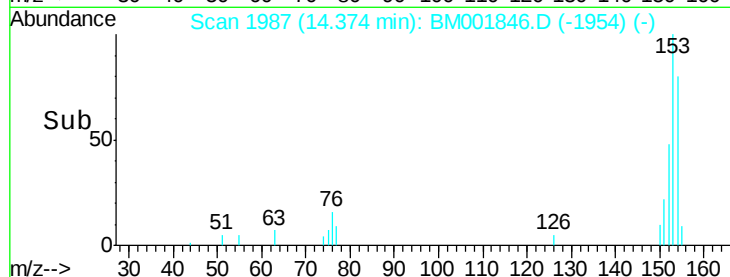
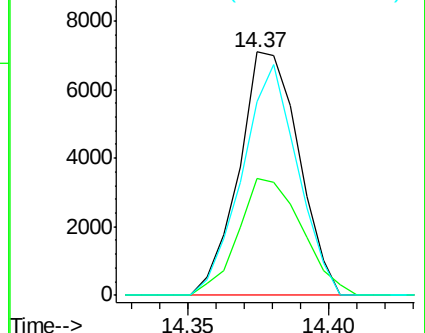
154 79.6 72.6 108.8



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



#76

Fluoranthene

Concen: 5.40 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM001846.D

Acq: 06 Jul 2015 22:14

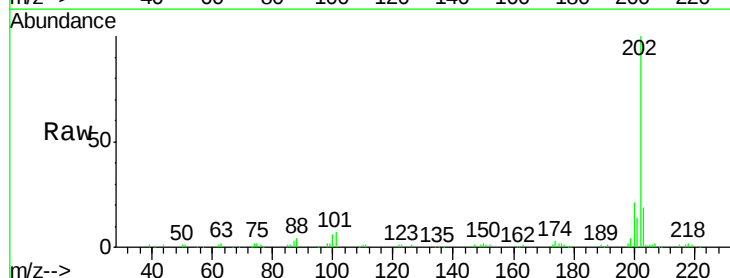
Tgt Ion:202 Resp: 120236

Ion Ratio Lower Upper

202 100

101 7.1 6.1 9.1

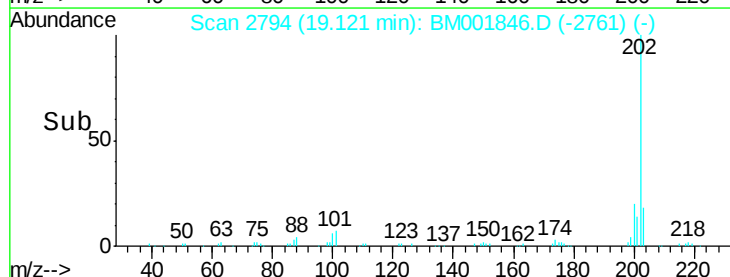
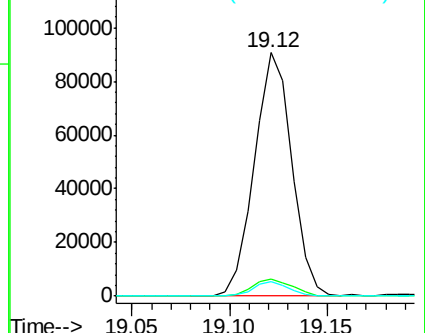
100 6.1 4.8 7.2

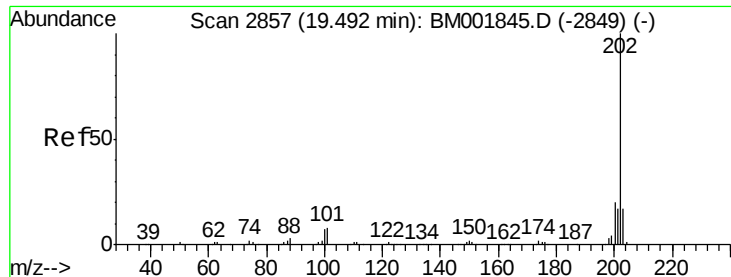


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 6.70 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM001846.D

Acq: 06 Jul 2015 22:14

Instrument :

BNA_M

ClientSampleId :

G93L7

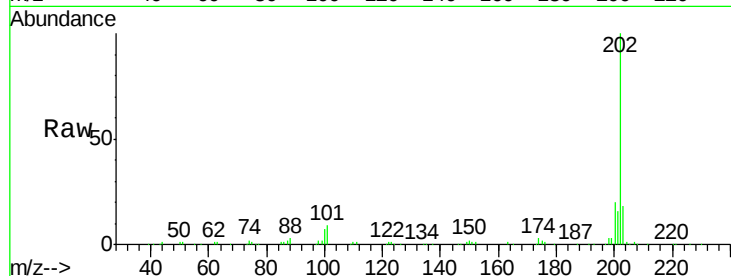
Tgt Ion:202 Resp: 159951

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

100 6.9 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

150000

100000

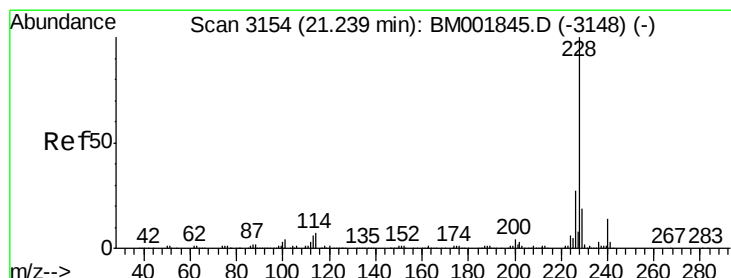
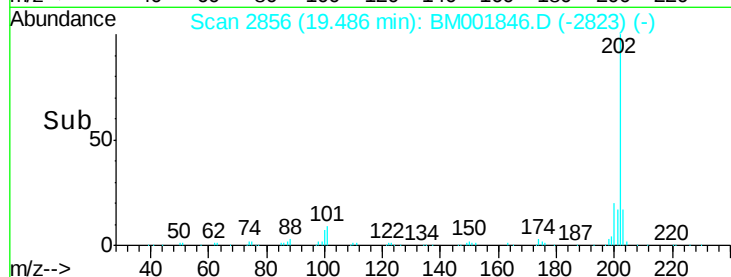
50000

0

19.49

19.40 19.45 19.50 19.55

Time-->



#82

Benzo(a)anthracene

Concen: 3.02 ng/ul

RT: 21.23 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BM001846.D

Acq: 06 Jul 2015 22:14

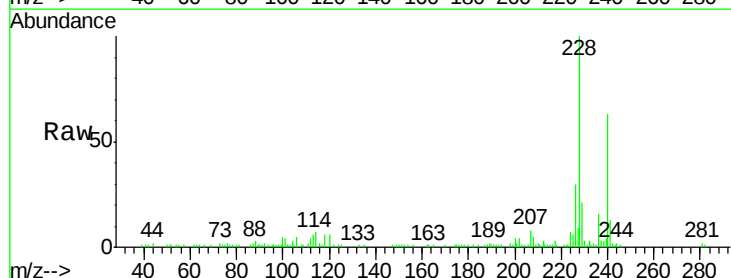
Tgt Ion:228 Resp: 75824

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.0

226 30.0 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

60000

40000

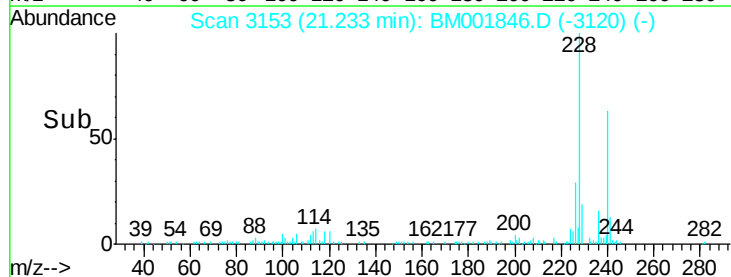
20000

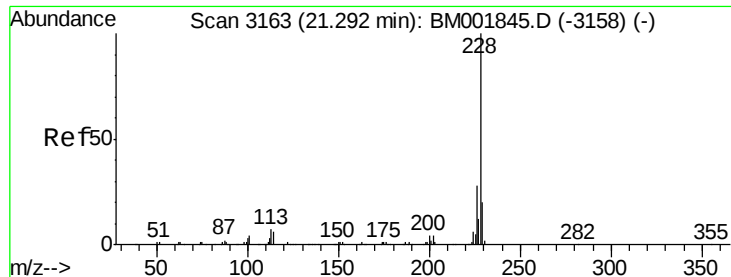
0

21.23

21.20 21.25

Time-->





#84

Chrysene

Concen: 2.80 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001846.D

Acq: 06 Jul 2015 22:14

Instrument :

BNA_M

ClientSampleId :

G93L7

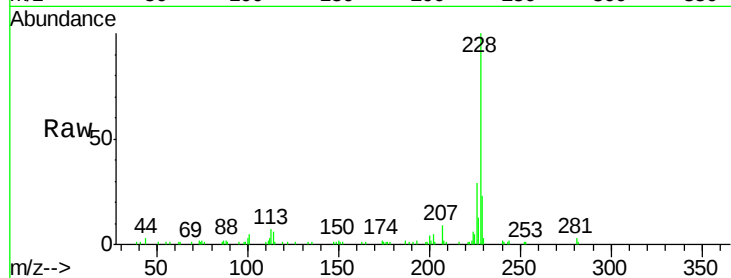
Tgt Ion:228 Resp: 66715

Ion Ratio Lower Upper

228 100

226 28.6 23.0 34.4

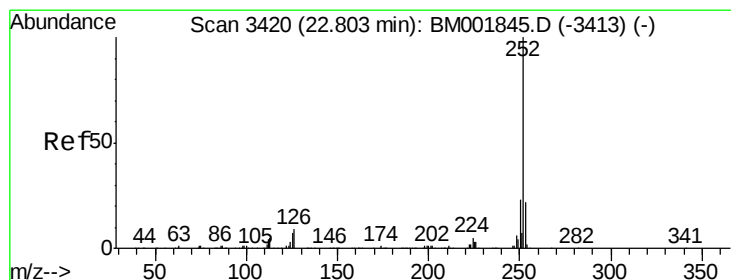
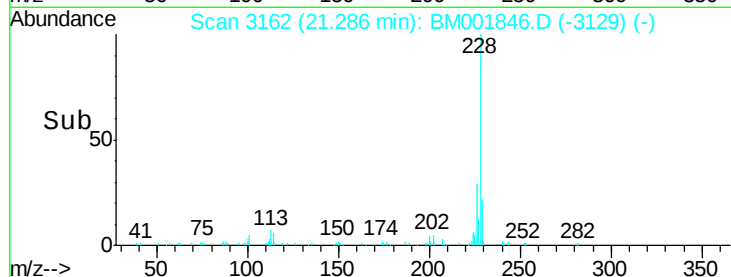
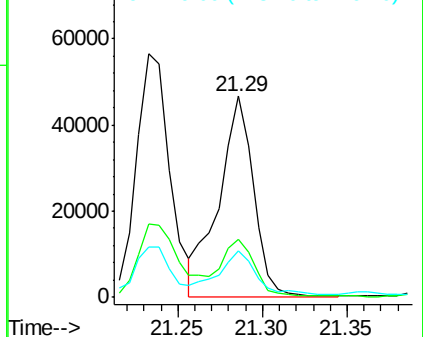
229 23.0 15.4 23.2



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: 3.62 ng/ul

RT: 22.80 min Scan# 3420

Delta R.T. 0.00 min

Lab File: BM001846.D

Acq: 06 Jul 2015 22:14

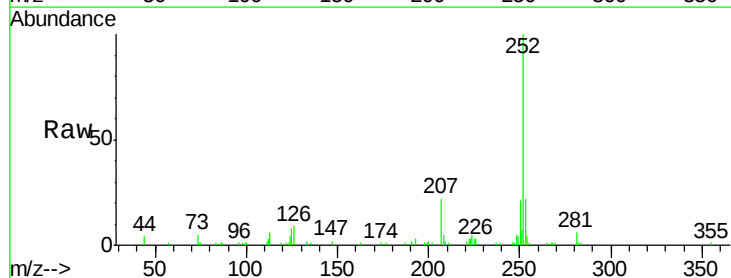
Tgt Ion:252 Resp: 93775

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

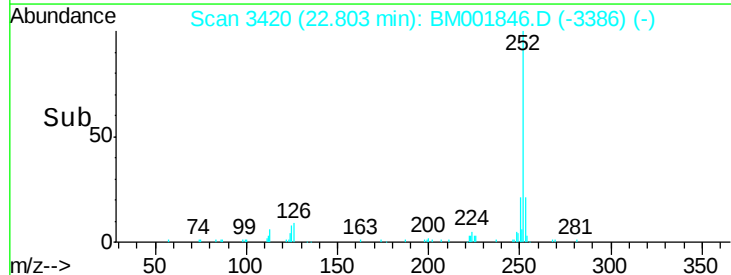
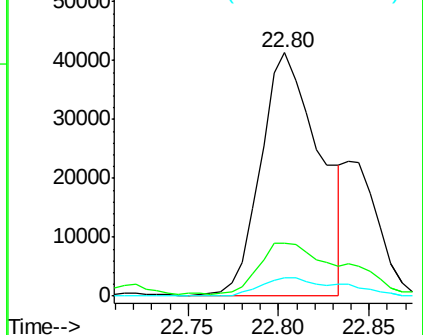
125 7.6 5.3 7.9

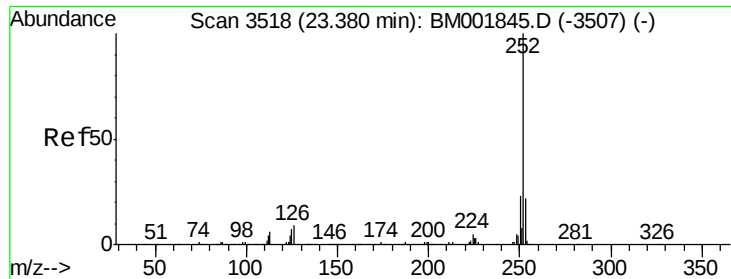


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 3.45 ng/ul

RT: 23.37 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM001846.D

Acq: 06 Jul 2015 22:14

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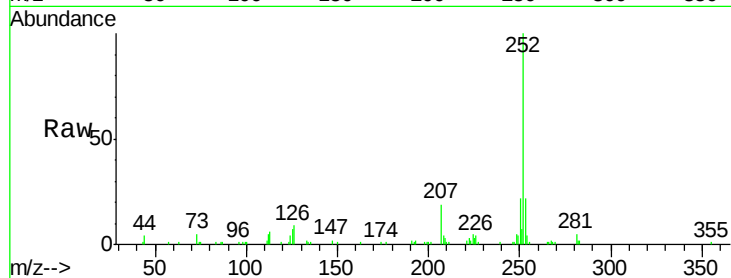
Tgt Ion:252 Resp: 86870

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

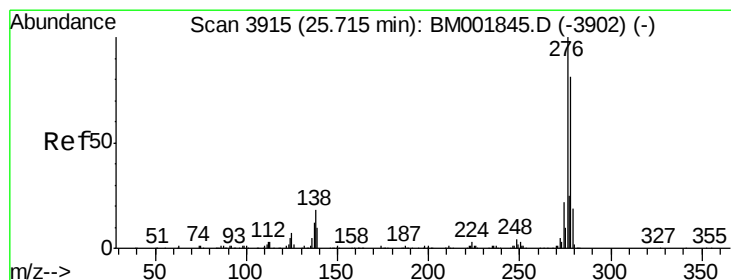
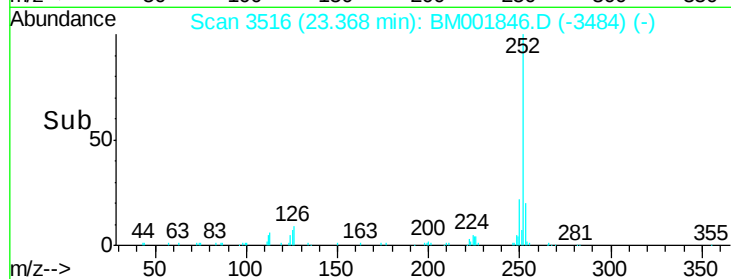
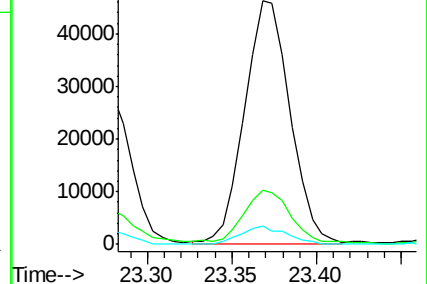
125 7.4 6.0 9.0



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.99 ng/ul

RT: 25.70 min Scan# 3912

Delta R.T. -0.02 min

Lab File: BM001846.D

Acq: 06 Jul 2015 22:14

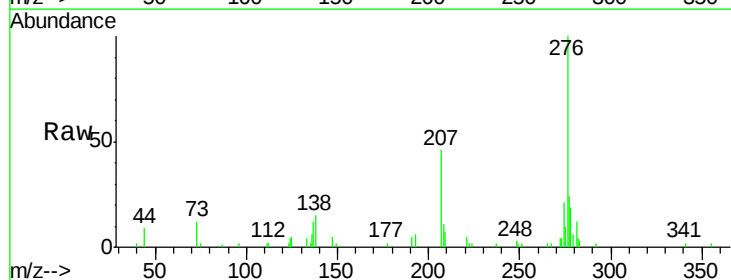
Tgt Ion:276 Resp: 59521

Ion Ratio Lower Upper

276 100

138 14.8 14.7 22.1

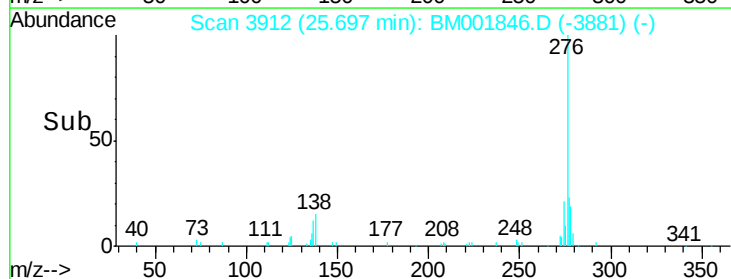
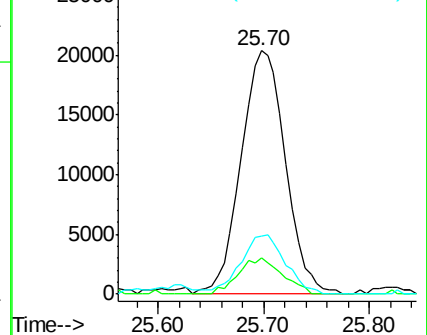
277 24.0 19.7 29.5

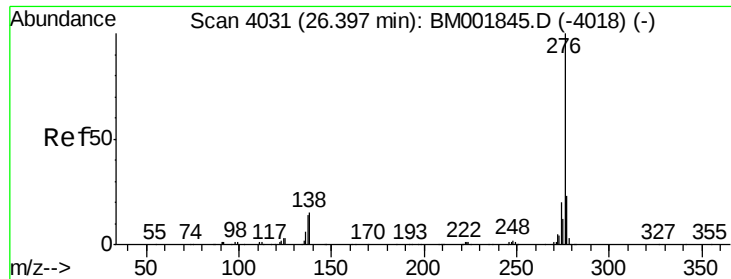


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 2.22 ng/ul

RT: 26.39 min Scan# 4030

Delta R.T. -0.01 min

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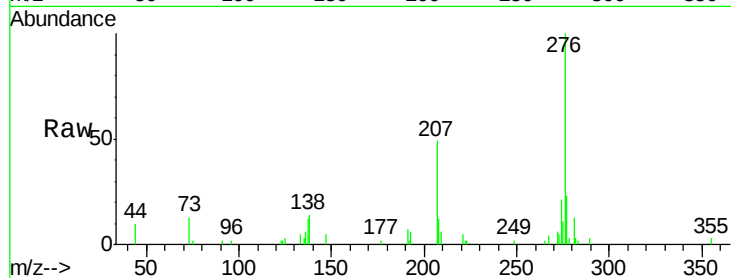
Tgt Ion: 276 Resp: 55707

Ion Ratio Lower Upper

276 100

138 14.5 12.6 19.0

277 22.8 18.7 28.1



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

