

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001843.D
 Acq On : 06 Jul 2015 19:09
 Operator : TP/UM
 Sample : G2861-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L0DL

Quant Time: Jul 07 04:05:15 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	30139	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	104133	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	59355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	132313	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	159470	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	161341	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	4650	7.36	ng/uL	0.00
5) Phenol-d5	6.83	99	88790	38.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	51245	39.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	74146	40.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	70418	37.90	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	32159	44.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	37828	47.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	71438	42.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	86021	50.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	206654	46.95	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	224671	38.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	25229	31.07	ng/ul	0.00
57) Fluorene-d10	15.31	176	159512	39.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	19899	24.62	ng/ul	0.00
70) Anthracene-d10	17.16	188	269832	43.78	ng/ul	0.00
78) Pyrene-d10	19.46	212	260339	38.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	260033	36.56	ng/ul	0.00

Target Compounds

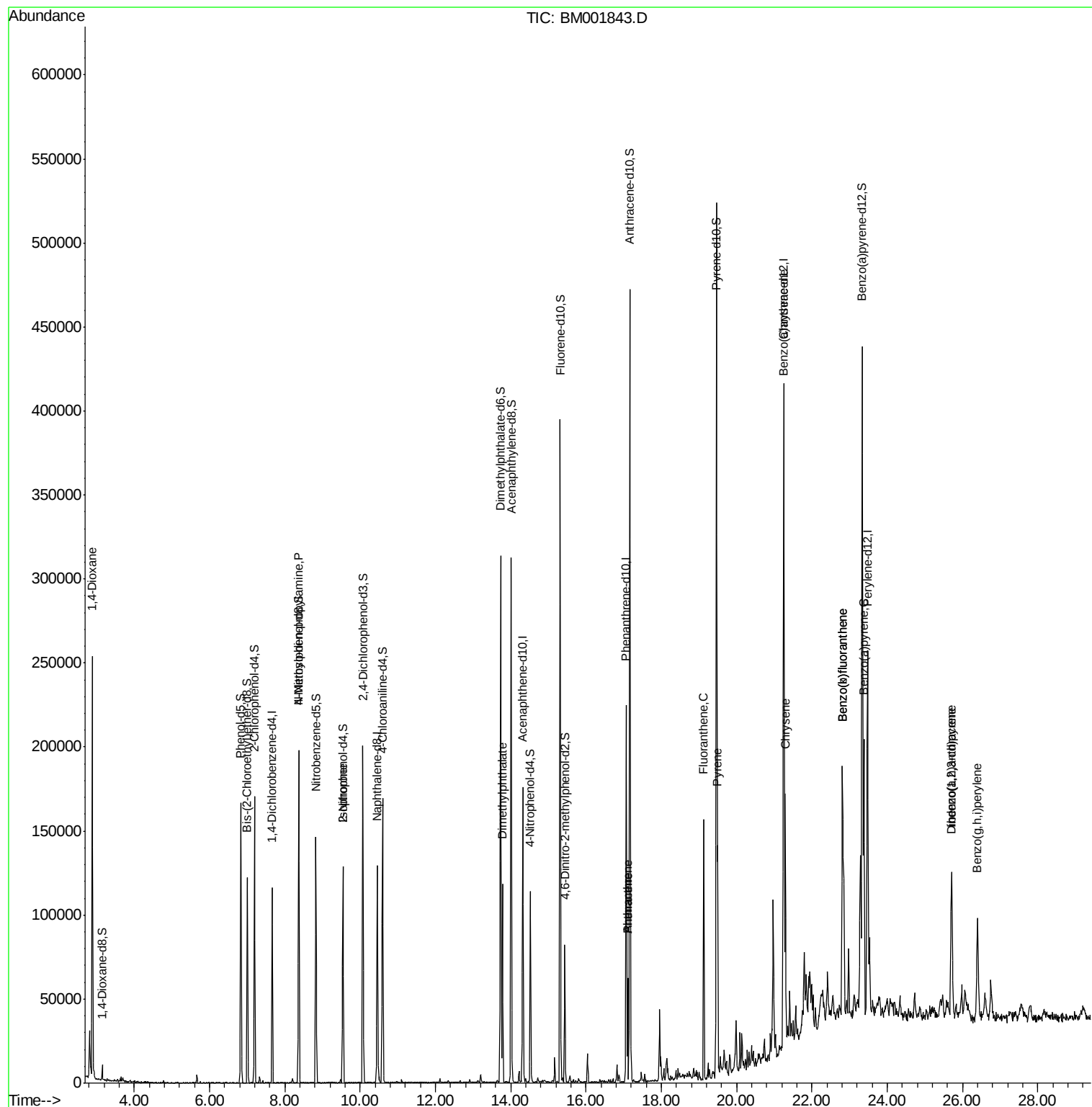
						Qvalue
2) 1,4-Dioxane	2.89	88	1961	2.72	ng/uL#	1
15) N-Nitroso-di-n-propylamine	8.36	70	1653	1.15	ng/ul#	1
21) Isophorone	9.54	82	3436	1.05	ng/ul#	64
44) Dimethylphthalate	13.77	163	70917	14.74	ng/ul	98
69) Phenanthrene	17.10	178	37933	5.29	ng/ul	99
71) Anthracene	17.10	178	37933	5.15	ng/ul	98
76) Fluoranthene	19.12	202	94805	11.05	ng/ul	99
79) Pyrene	19.49	202	91566	10.35	ng/ul	99
82) Benzo(a)anthracene	21.24	228	90035	9.66	ng/ul	95
84) Chrysene	21.29	228	81481	9.23	ng/ul	97
87) Benzo(b)fluoranthene	22.81	252	159801	17.01	ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	53080	5.85	ng/ul	99
90) Benzo(a)pyrene	23.37	252	113704	12.44	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.71	276	86449	7.98	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.71	278	22734	2.49	ng/ul#	87
93) Benzo(g,h,i)perylene	26.40	276	80291	8.81	ng/ul	97

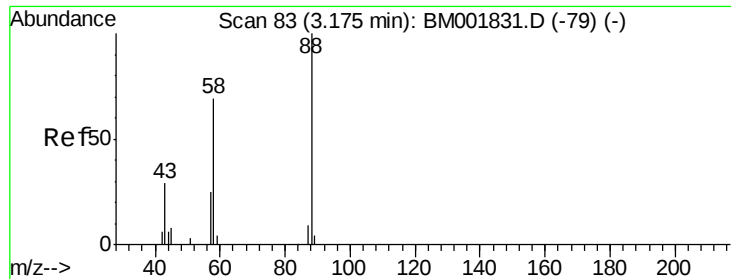
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.72 ng/uL

RT: 2.89 min Scan# 34

Delta R.T. -0.29 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

Instrument :

BNA_M

ClientSampleId :

G93L0DL

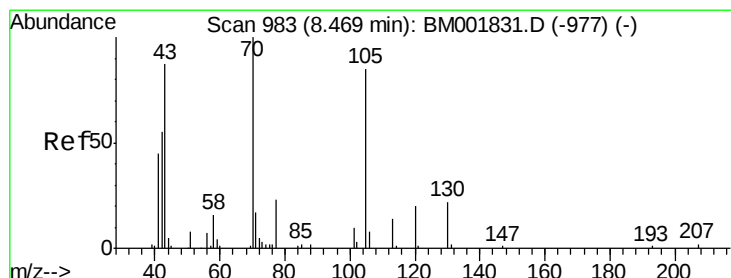
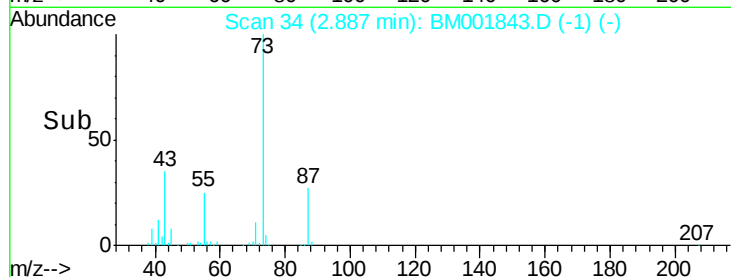
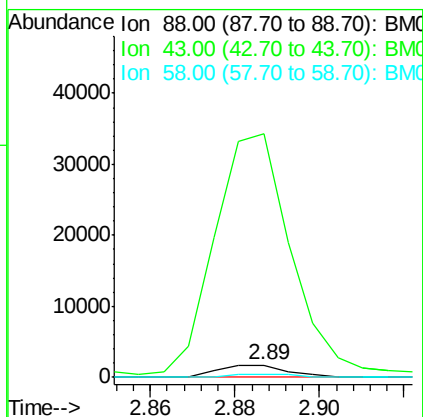
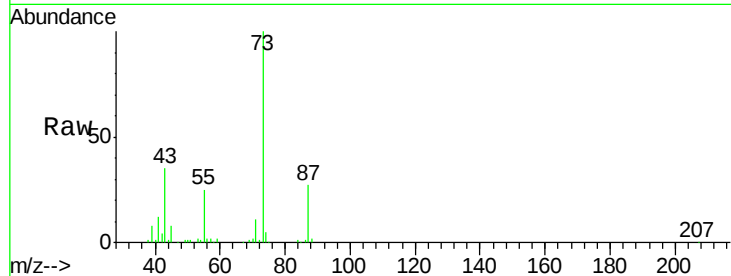
Tgt Ion: 88 Resp: 1961

Ion Ratio Lower Upper

88 100

43 2287.3 24.2 36.4#

58 23.8 56.2 84.2#



#15

N-Nitroso-di-n-propylamine

Concen: 1.15 ng/uL

RT: 8.36 min Scan# 965

Delta R.T. -0.11 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

Tgt Ion: 70 Resp: 1653

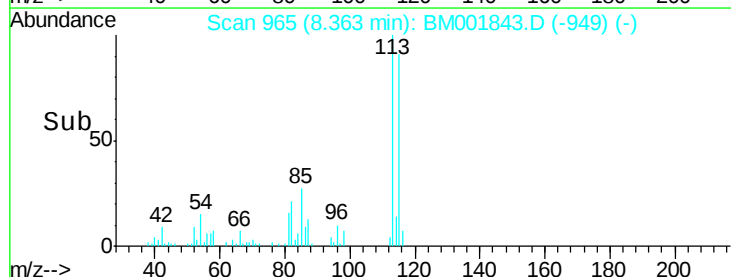
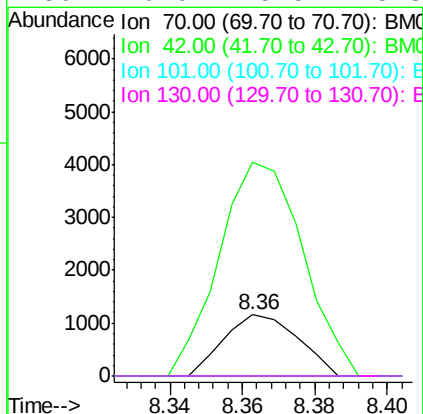
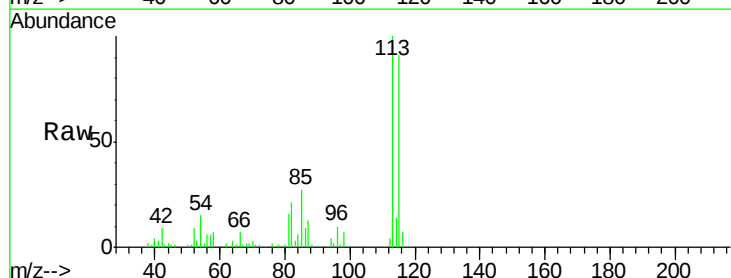
Ion Ratio Lower Upper

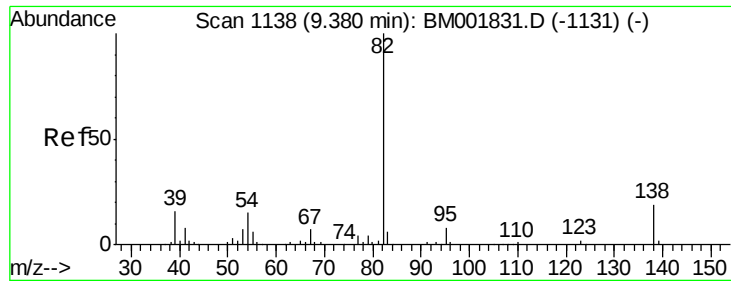
70 100

42 348.1 45.2 67.8#

101 0.0 7.8 11.6#

130 0.0 15.5 23.3#

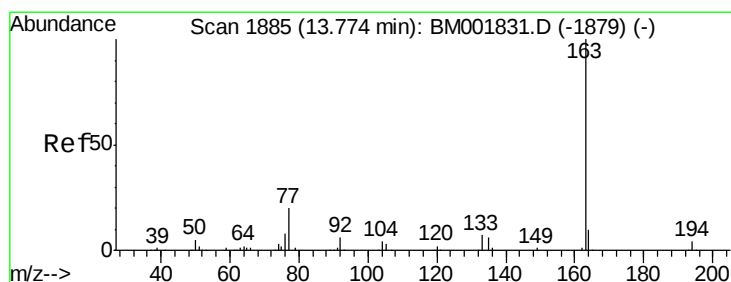
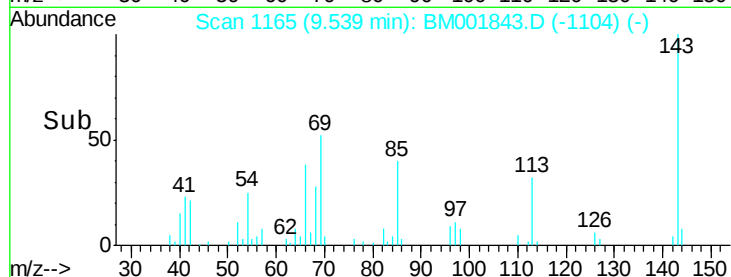
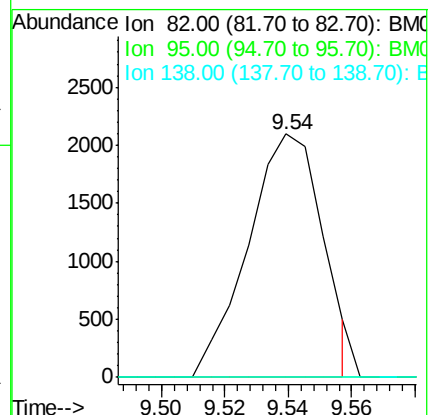
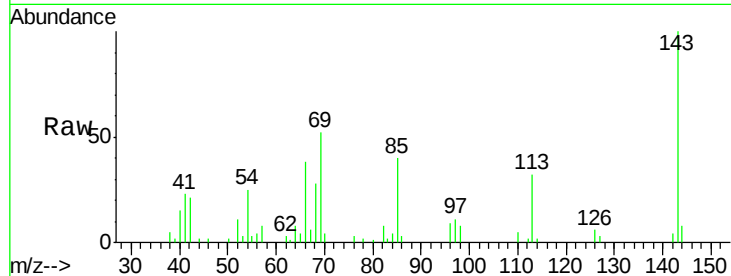




#21
Isophorone
Concen: 1.05 ng/ul
RT: 9.54 min Scan# 1165
Delta R.T. 0.16 min
Lab File: BM001843.D
Acq: 06 Jul 2015 19:09

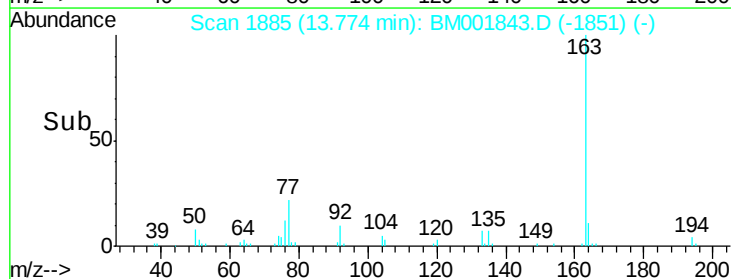
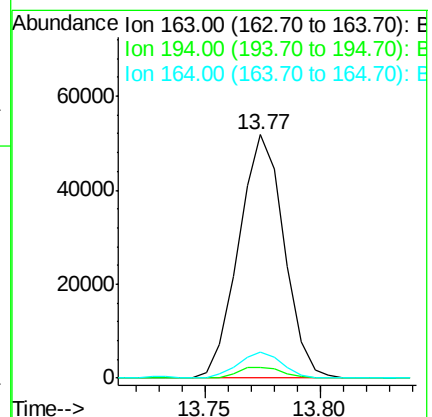
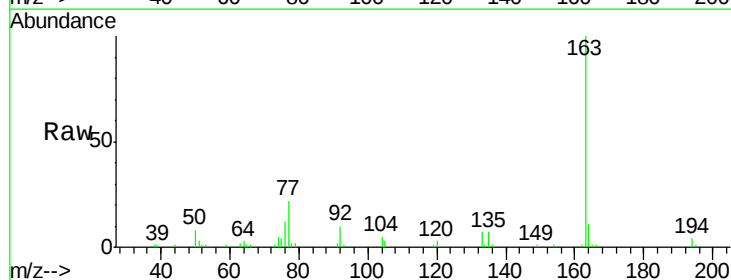
Instrument :
BNA_M
ClientSampled :
G93L0DL

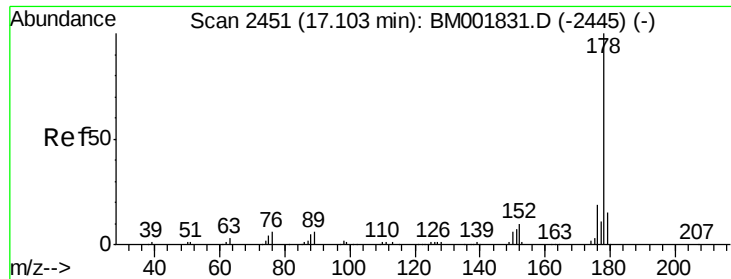
Tgt Ion: 82 Resp: 3436
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.9 22.3#



#44
Dimethylphthalate
Concen: 14.74 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BM001843.D
Acq: 06 Jul 2015 19:09

Tgt Ion: 163 Resp: 70917
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 10.8 8.0 12.0





#69

Phenanthrene

Concen: 5.29 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

Instrument :

BNA_M

ClientSampleId :

G93L0DL

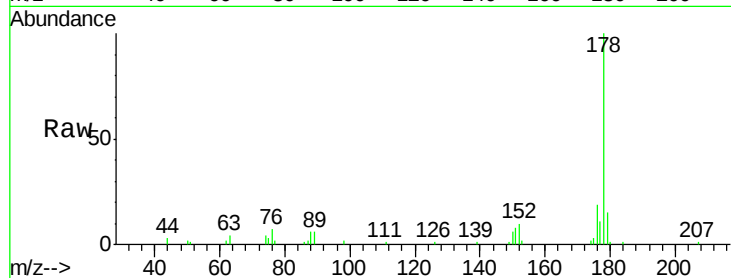
Tgt Ion:178 Resp: 37933

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

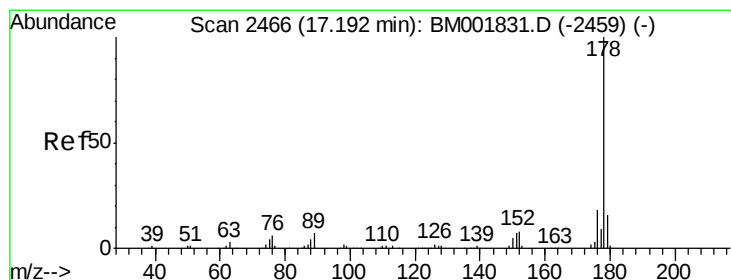
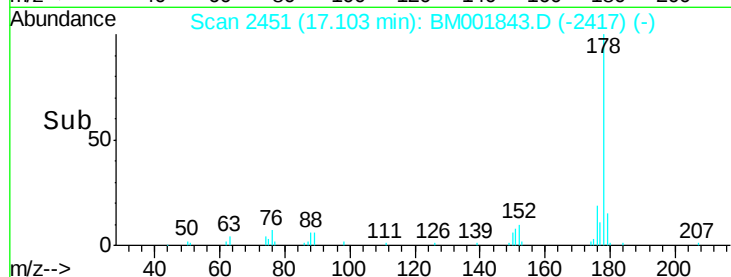
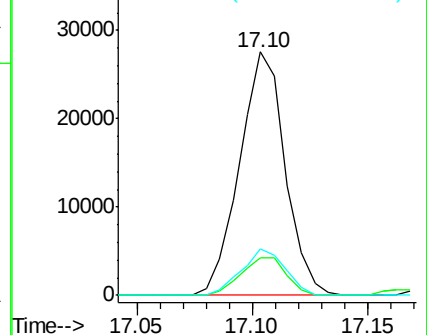
176 18.9 15.2 22.8



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: 5.15 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. -0.09 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

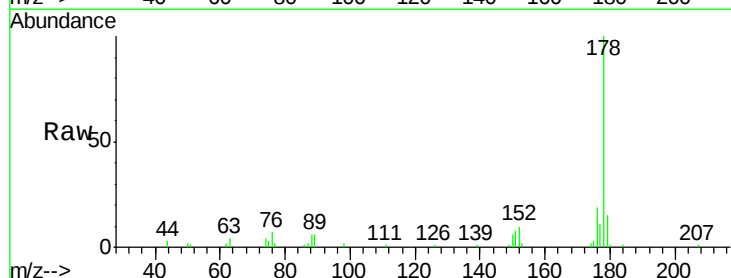
Tgt Ion:178 Resp: 37933

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

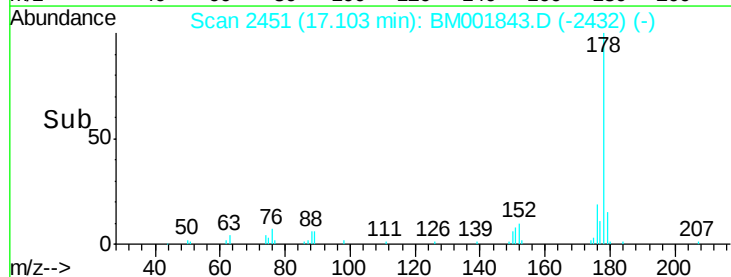
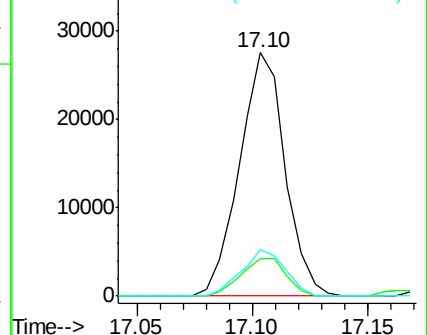
176 18.9 14.4 21.6

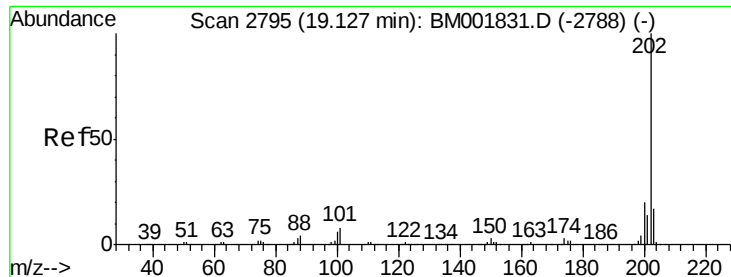


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

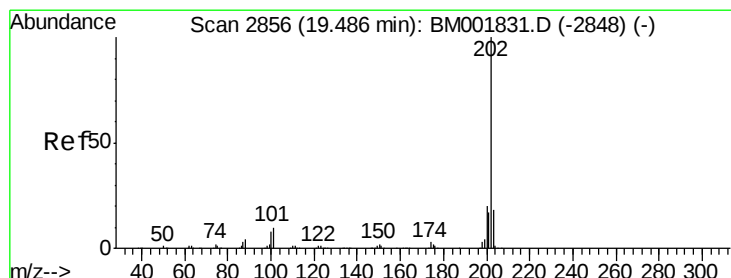
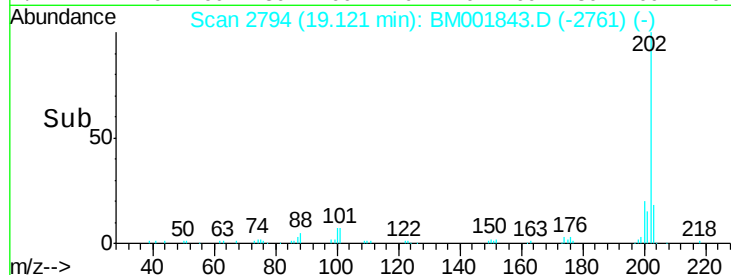
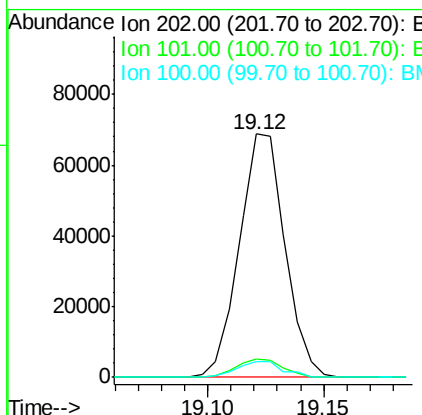
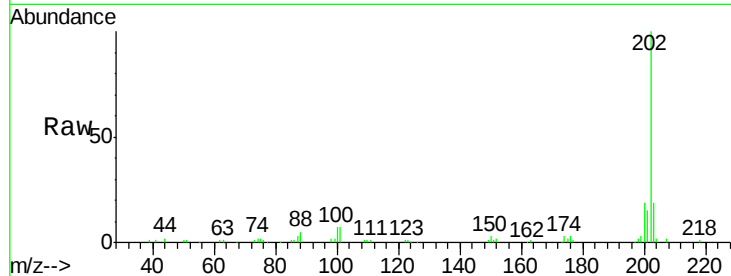




#76
 Fluoranthene
 Concen: 11.05 ng/ul
 RT: 19.12 min Scan# 2794
 Delta R.T. -0.01 min
 Lab File: BM001843.D
 Acq: 06 Jul 2015 19:09

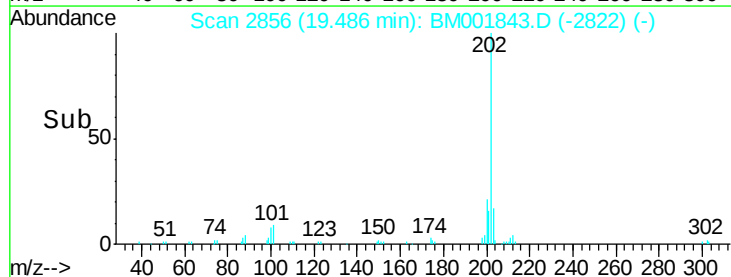
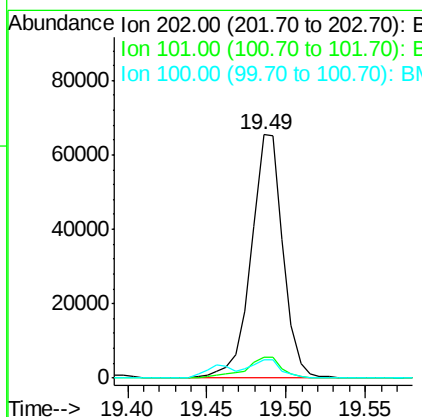
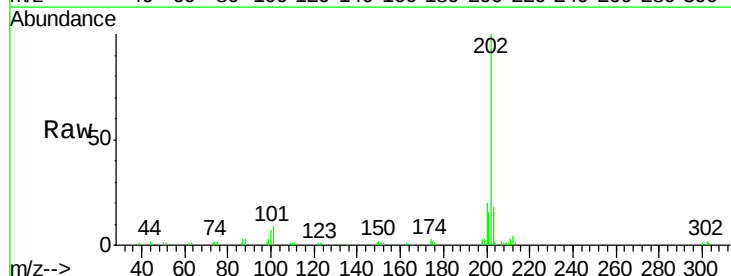
Instrument :
 BNA_M
 ClientSampleId :
 G93L0DL

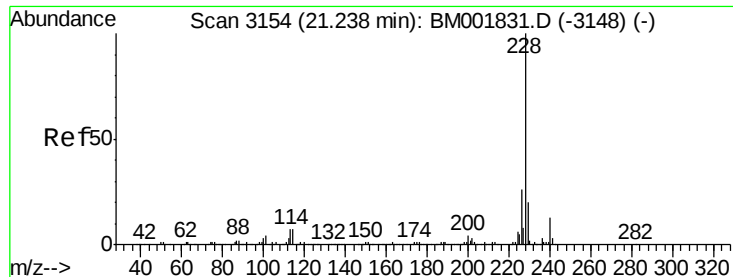
Tgt Ion:	202	Resp:	94805
Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.1	9.1
100	6.6	4.8	7.2



#79
 Pyrene
 Concen: 10.35 ng/ul
 RT: 19.49 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BM001843.D
 Acq: 06 Jul 2015 19:09

Tgt Ion:	202	Resp:	91566
Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
100	7.3	6.2	9.2





#82

Benzo(a)anthracene

Concen: 9.66 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

Instrument :

BNA_M

ClientSampleId :

G93L0DL

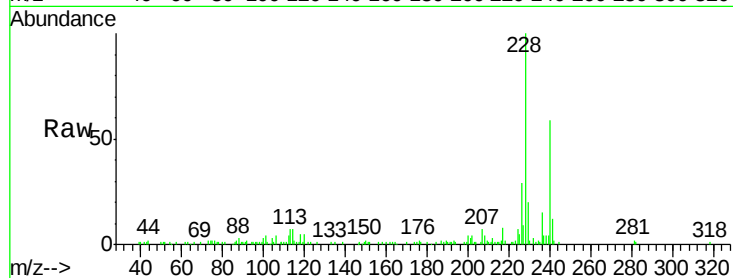
Tgt Ion:228 Resp: 90035

Ion Ratio Lower Upper

228 100

229 20.2 15.4 23.0

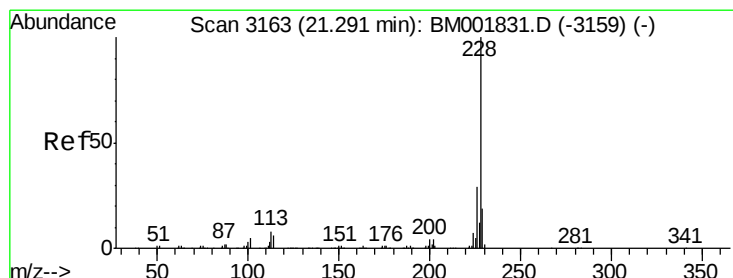
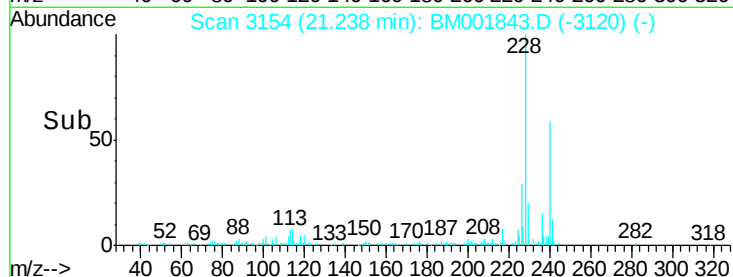
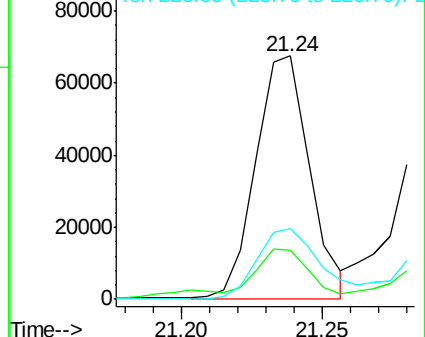
226 29.1 20.6 30.8



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: 9.23 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

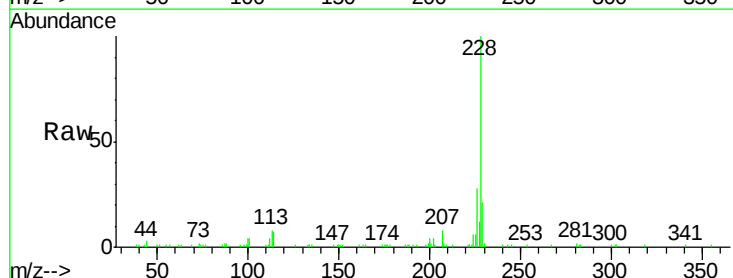
Tgt Ion:228 Resp: 81481

Ion Ratio Lower Upper

228 100

226 27.5 23.0 34.4

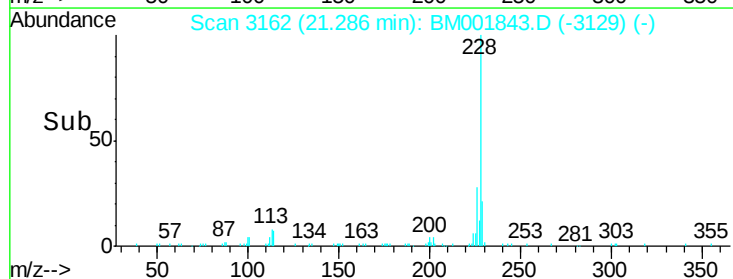
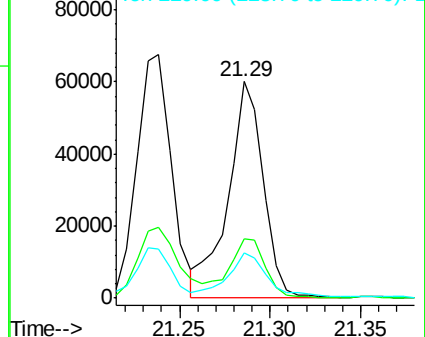
229 21.0 15.4 23.2

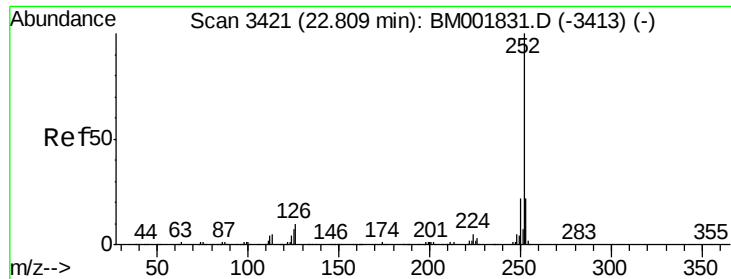


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

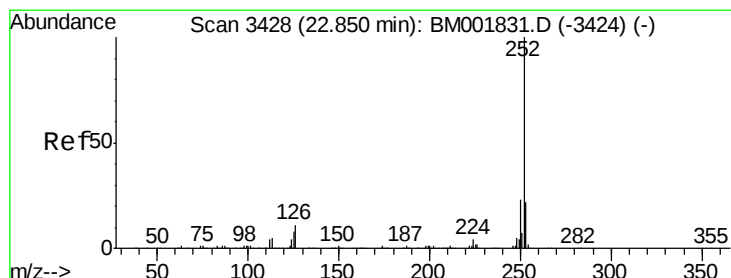
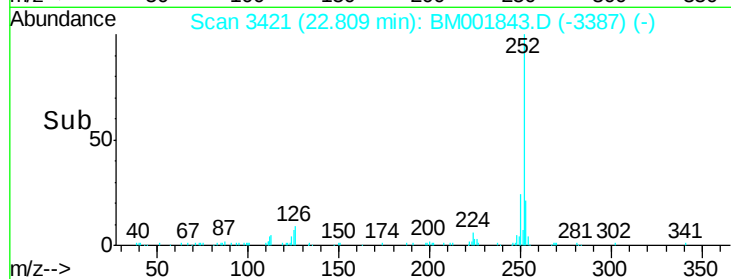
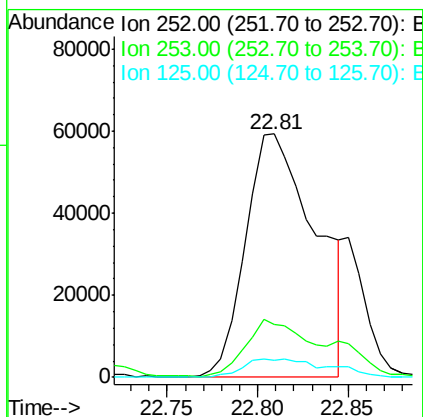
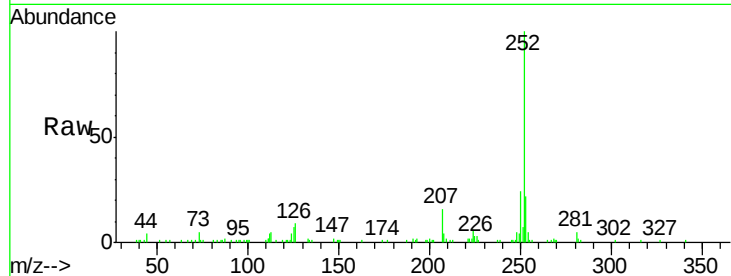




#87
Benzo(b)fluoranthene
Concen: 17.01 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. 0.00 min
Lab File: BM001843.D
Acq: 06 Jul 2015 19:09

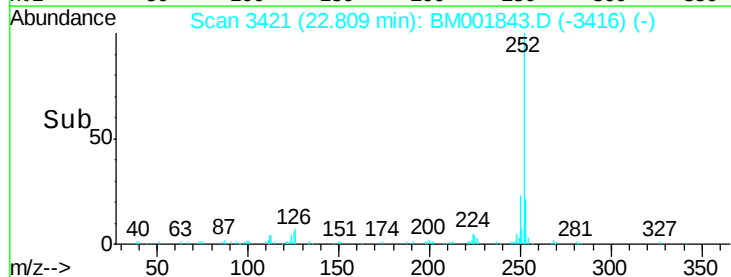
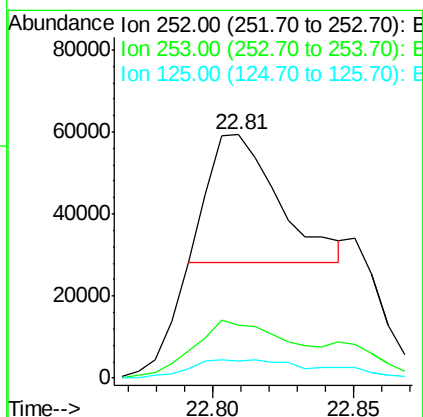
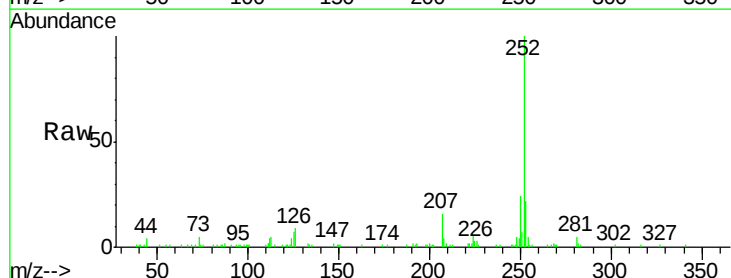
Instrument :
BNA_M
ClientSampleId :
G93L0DL

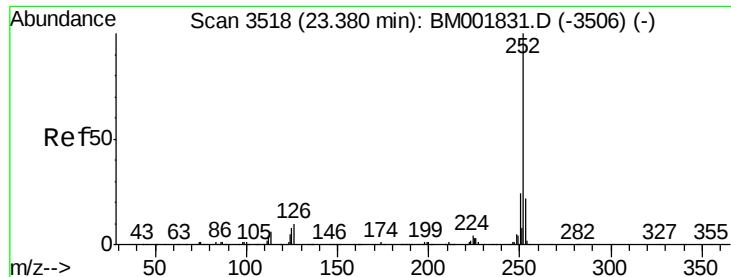
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	7.0	5.3	7.9



#88
Benzo(k)fluoranthene
Concen: 5.85 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. -0.04 min
Lab File: BM001843.D
Acq: 06 Jul 2015 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	7.0	5.3	7.9





#90

Benzo(a)pyrene

Concen: 12.44 ng/ul

RT: 23.37 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

Instrument :

BNA_M

ClientSampleId :

G93L0DL

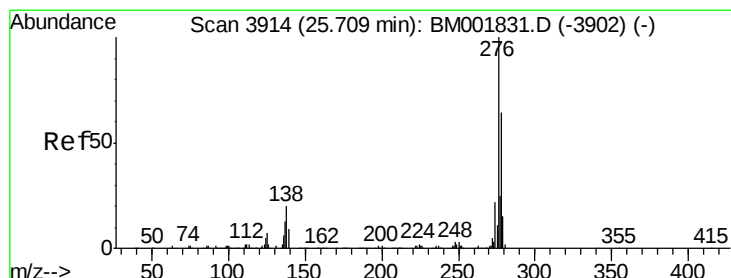
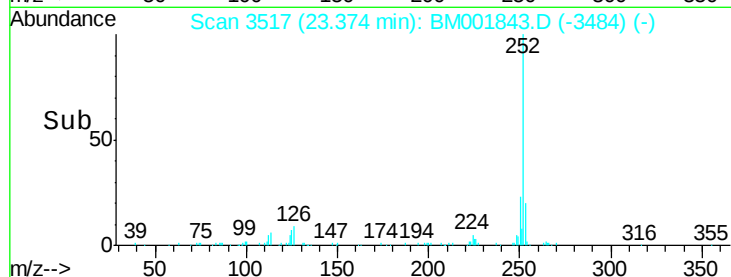
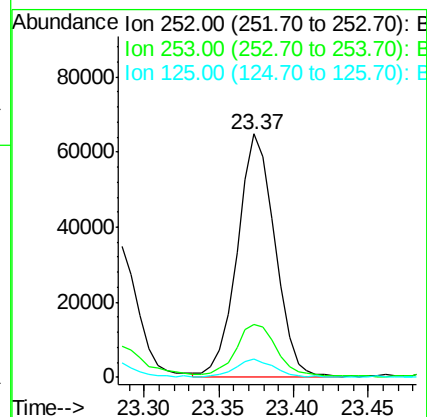
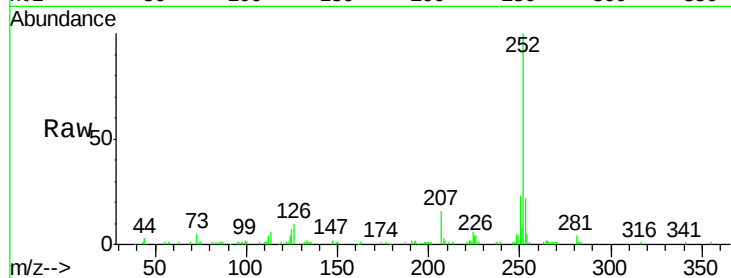
Tgt Ion:252 Resp: 113704

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 7.3 6.0 9.0



#91

Indeno(1,2,3-cd)pyrene

Concen: 7.98 ng/ul

RT: 25.71 min Scan# 3914

Delta R.T. 0.00 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

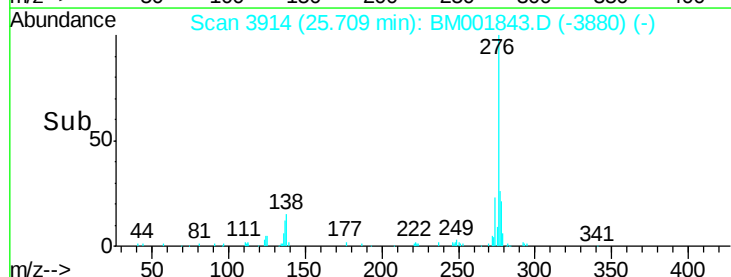
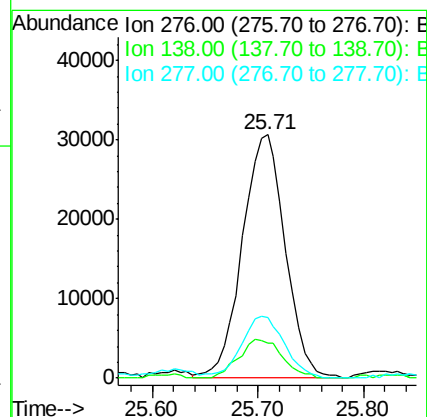
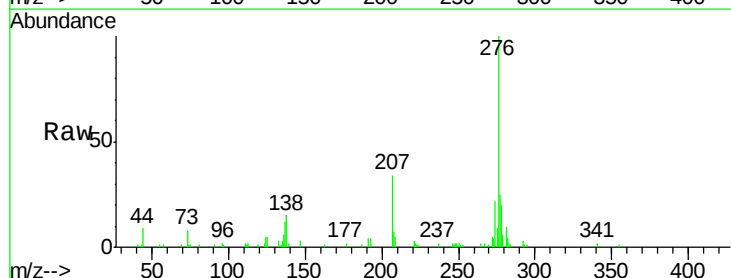
Tgt Ion:276 Resp: 86449

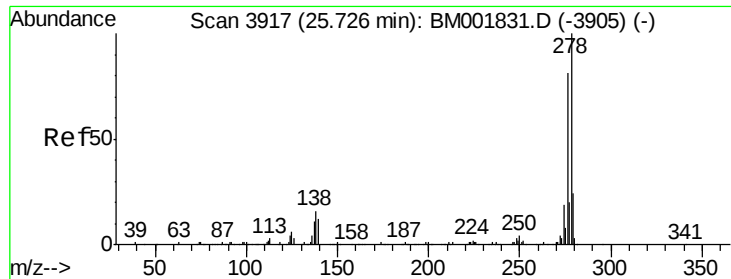
Ion Ratio Lower Upper

276 100

138 14.5 14.7 22.1#

277 24.8 19.7 29.5





#92

Dibenzo(a,h)anthracene

Concen: 2.49 ng/ul

RT: 25.71 min Scan# 3915

Delta R.T. -0.01 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

Instrument :

BNA_M

ClientSampleId :

G93L0DL

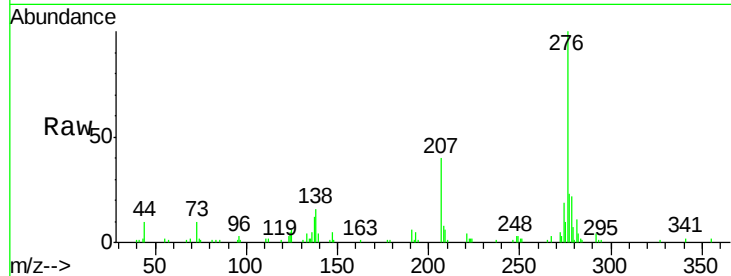
Tgt Ion: 278 Resp: 22734

Ion Ratio Lower Upper

278 100

139 17.3 9.2 13.8#

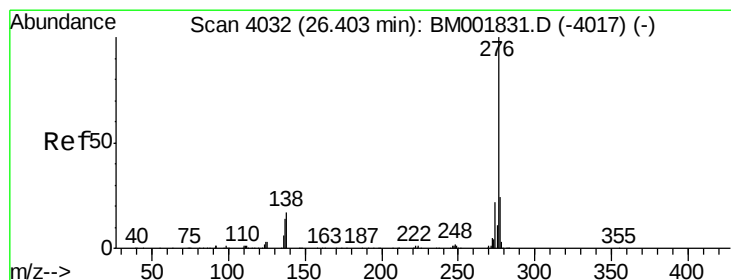
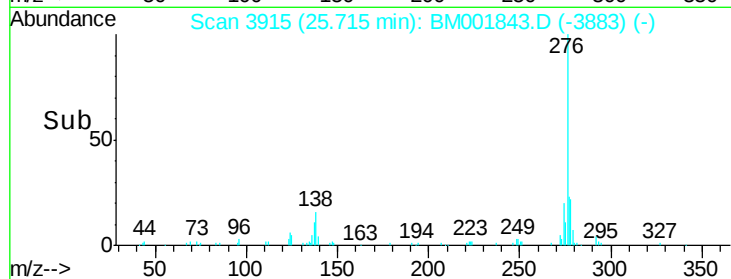
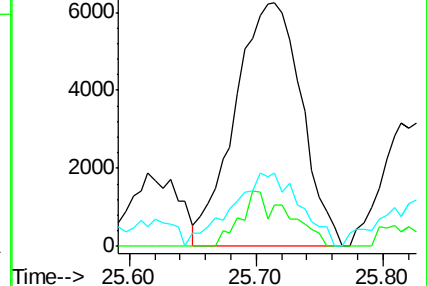
279 30.1 19.1 28.7#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 8.81 ng/ul

RT: 26.40 min Scan# 4031

Delta R.T. -0.01 min

Lab File: BM001843.D

Acq: 06 Jul 2015 19:09

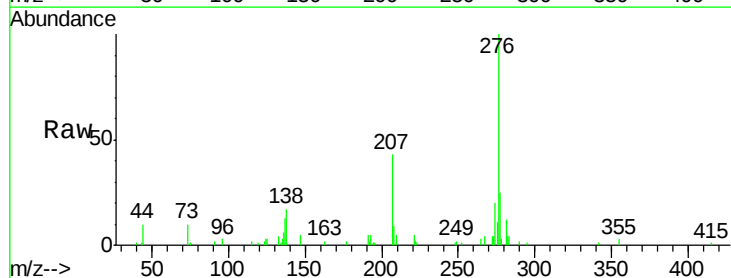
Tgt Ion: 276 Resp: 80291

Ion Ratio Lower Upper

276 100

138 17.5 12.6 19.0

277 24.6 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

