

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001840.D
 Acq On : 06 Jul 2015 17:18
 Operator : TP/UM
 Sample : G2861-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93M3

Quant Time: Jul 07 04:04:37 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	61973	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	242742	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	140721	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	318961	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	392358	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	397433	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	4490	3.45	ng/uL	0.00
5) Phenol-d5	6.83	99	95569	20.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	54653	20.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	78339	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	78285	20.49	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	33292	19.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	34687	18.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	77883	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	93784	23.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	217015	20.80	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	251617	18.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	27533	14.30	ng/ul	0.00
57) Fluorene-d10	15.31	176	175783	18.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	15248	7.83	ng/ul	0.00
70) Anthracene-d10	17.16	188	269665	18.15	ng/ul	0.00
78) Pyrene-d10	19.46	212	272443	16.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	260805	14.89	ng/ul	0.00

Target Compounds

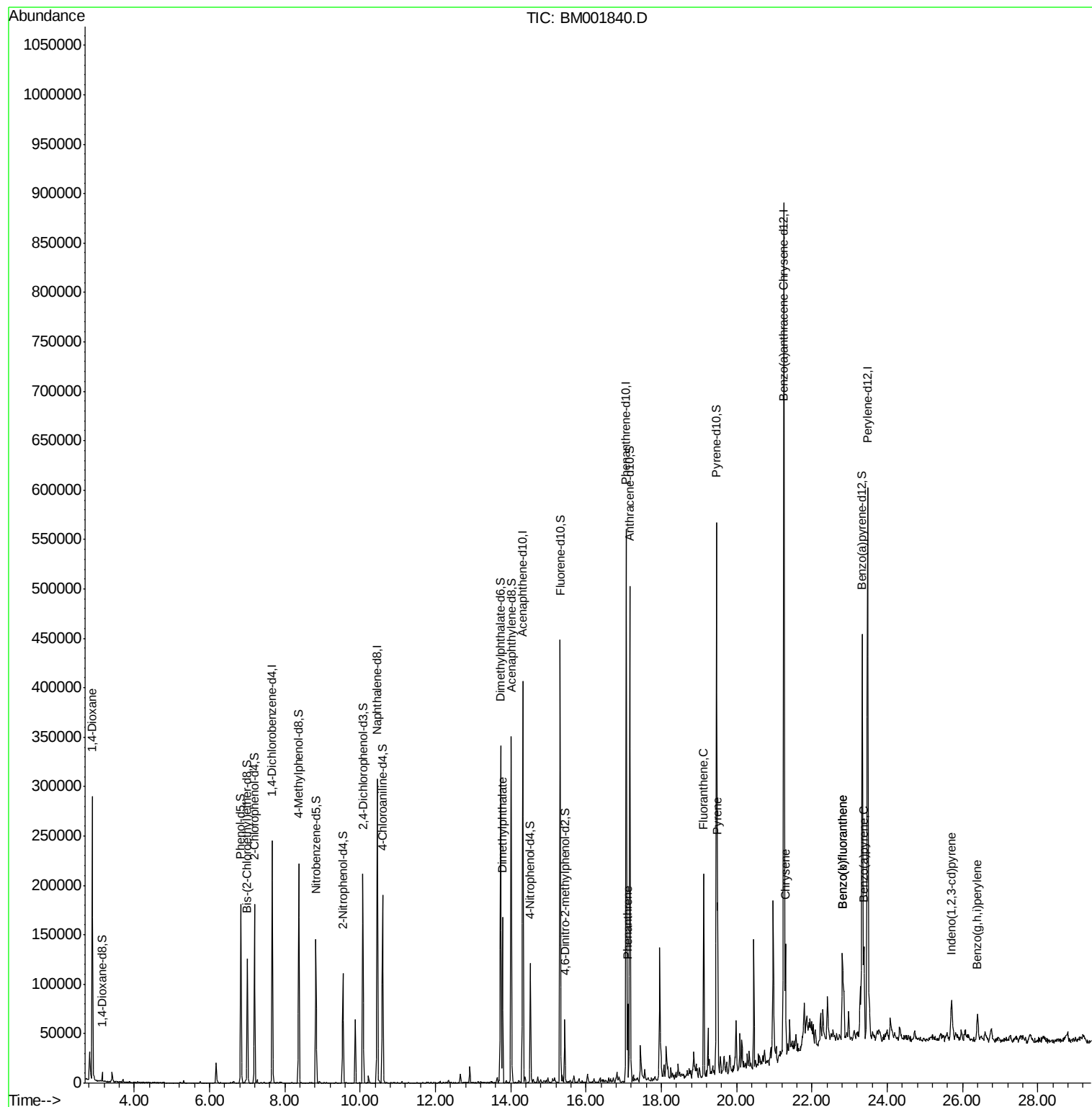
					Qvalue
2) 1,4-Dioxane	2.88	88	1878	1.27 ng/uL#	1
44) Dimethylphthalate	13.77	163	101309	8.88 ng/ul	99
69) Phenanthrene	17.10	178	48452	2.80 ng/ul	98
76) Fluoranthene	19.12	202	116529	5.63 ng/ul	99
79) Pyrene	19.49	202	115414	5.30 ng/ul	97
82) Benzo(a)anthracene	21.24	228	74631	3.26 ng/ul#	91
84) Chrysene	21.29	228	59567	2.74 ng/ul#	93
87) Benzo(b)fluoranthene	22.80	252	84732	3.66 ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	37007	1.66 ng/ul	98
90) Benzo(a)pyrene	23.37	252	70134	3.12 ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.70	276	37801	1.42 ng/ul	97
93) Benzo(g,h,i)perylene	26.40	276	33093	1.47 ng/ul	98

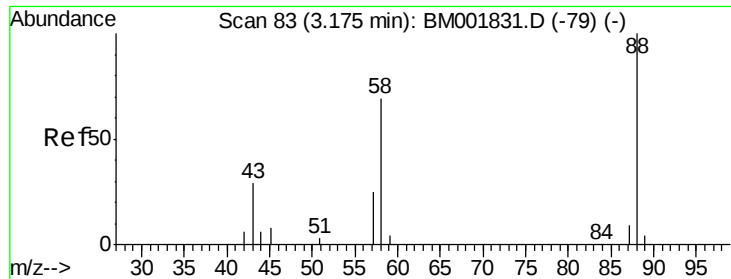
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.27 ng/uL

RT: 2.88 min Scan# 33

Delta R.T. -0.29 min

Lab File: BM001840.D

Acq: 06 Jul 2015 17:18

Instrument :

BNA_M

ClientSampled :

G93M3

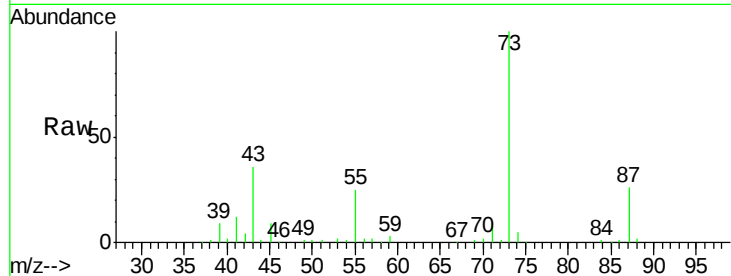
Tgt Ion: 88 Resp: 1878

Ion Ratio Lower Upper

88 100

43 2628.2 24.2 36.4#

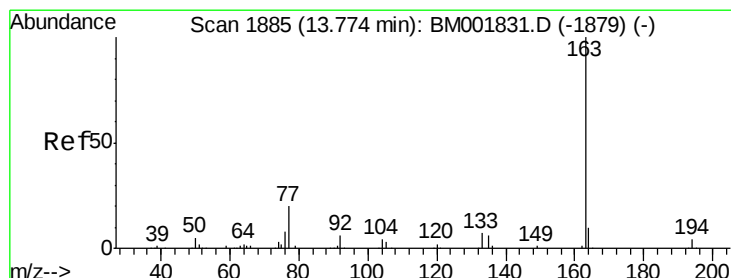
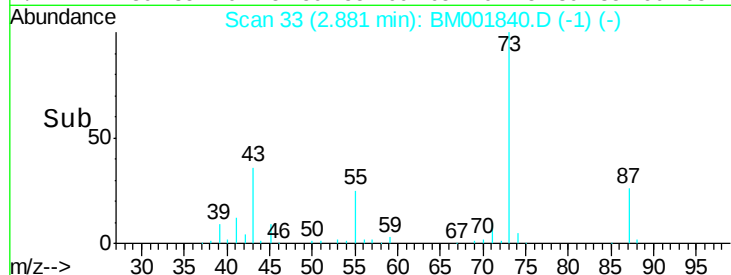
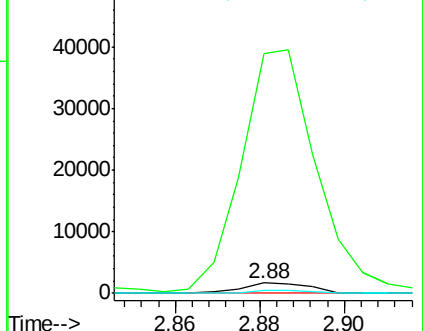
58 25.6 56.2 84.2#



Abundance Ion 88.00 (87.70 to 88.70): BM001831.D (-79) (-)

Ion 43.00 (42.70 to 43.70): BM001831.D (-79) (-)

Ion 58.00 (57.70 to 58.70): BM001831.D (-79) (-)



#44

Dimethylphthalate

Concen: 8.88 ng/uL

RT: 13.77 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BM001840.D

Acq: 06 Jul 2015 17:18

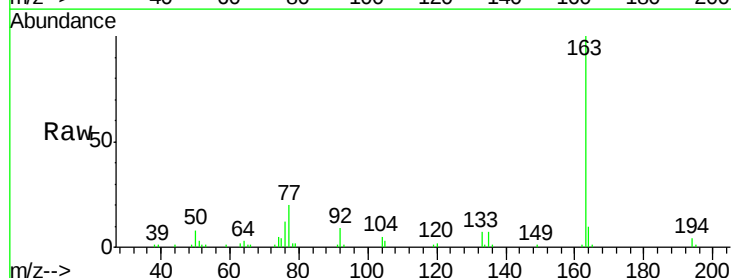
Tgt Ion: 163 Resp: 101309

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

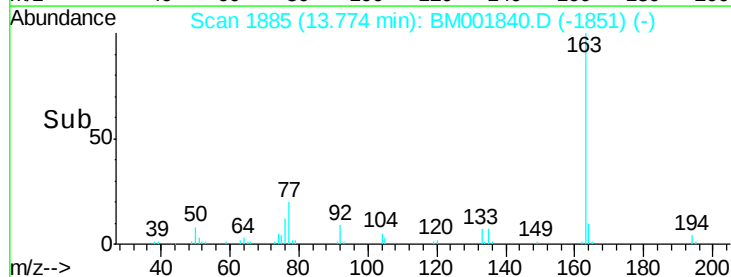
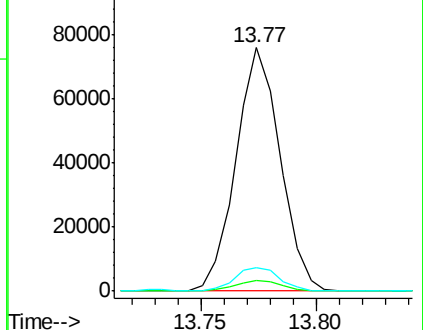
164 9.7 8.0 12.0

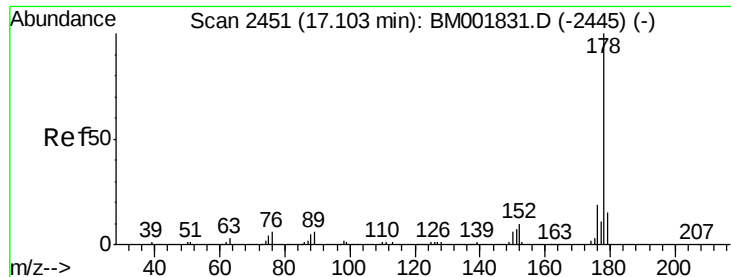


Abundance Ion 163.00 (162.70 to 163.70): BM001831.D (-1879) (-)

Ion 194.00 (193.70 to 194.70): BM001831.D (-1879) (-)

Ion 164.00 (163.70 to 164.70): BM001831.D (-1879) (-)





#69

Phenanthrene

Concen: 2.80 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM001840.D

Acq: 06 Jul 2015 17:18

Instrument :

BNA_M

ClientSampleId :

G93M3

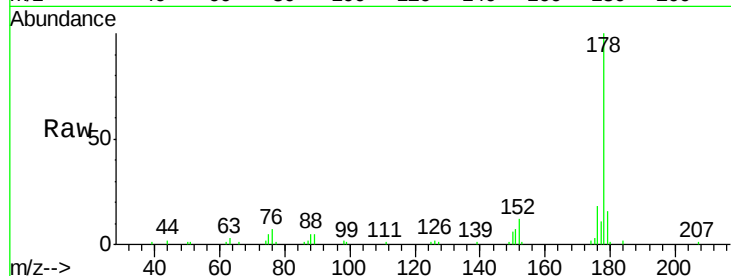
Tgt Ion:178 Resp: 48452

Ion Ratio Lower Upper

178 100

179 16.3 11.9 17.9

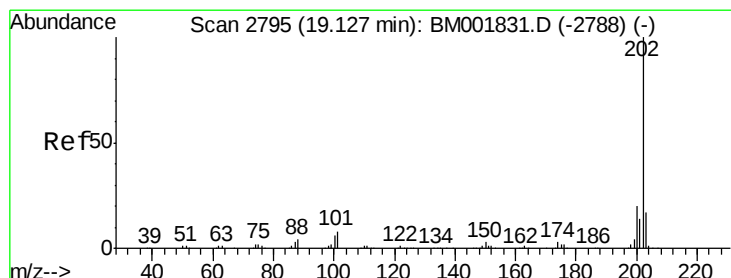
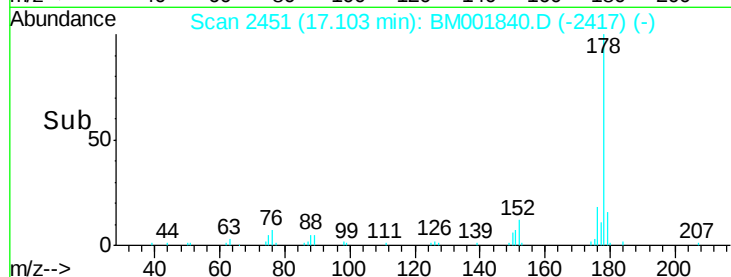
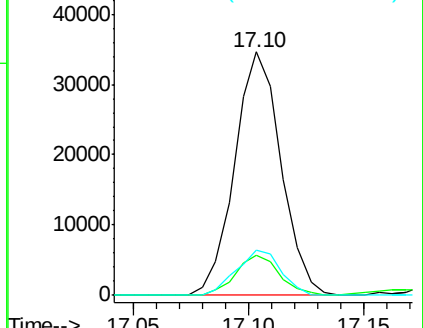
176 18.4 15.2 22.8



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



#76

Fluoranthene

Concen: 5.63 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM001840.D

Acq: 06 Jul 2015 17:18

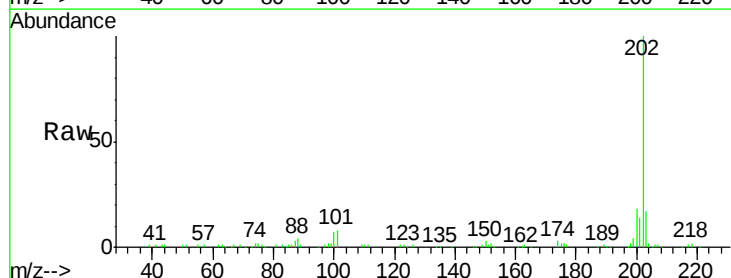
Tgt Ion:202 Resp: 116529

Ion Ratio Lower Upper

202 100

101 7.9 6.1 9.1

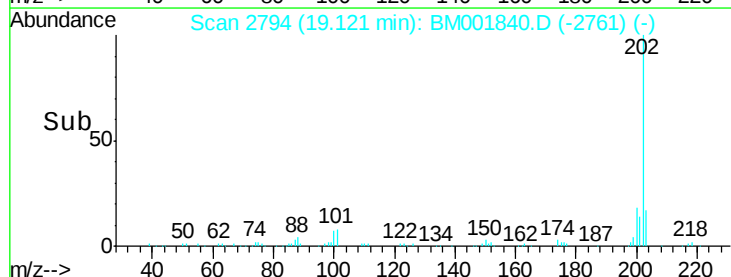
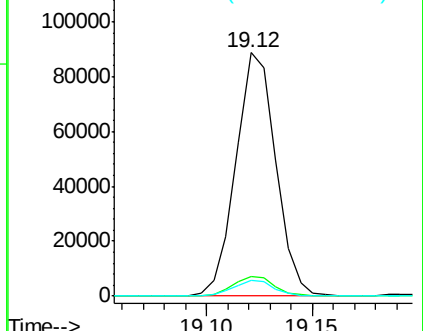
100 6.6 4.8 7.2

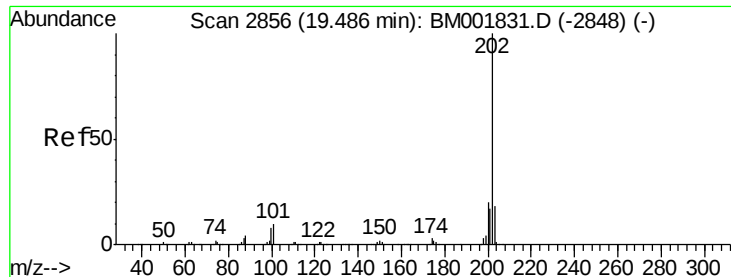


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

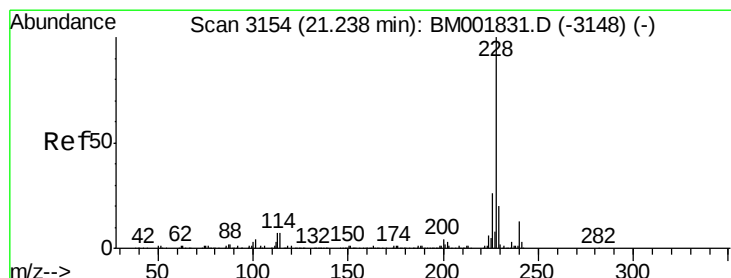
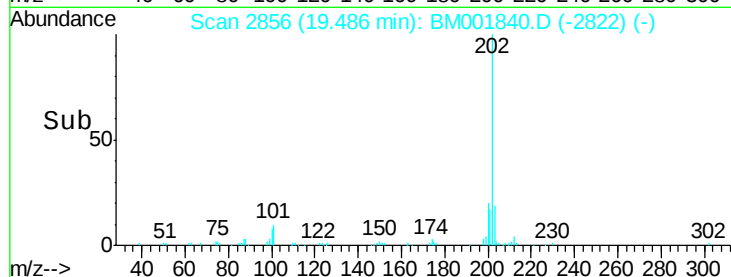
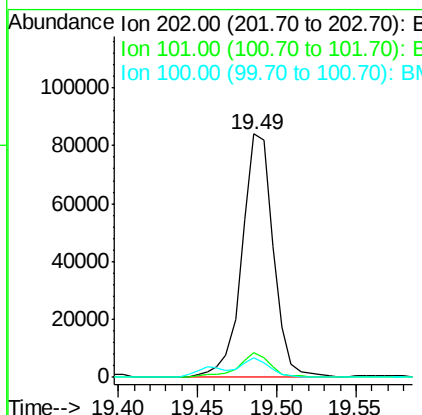
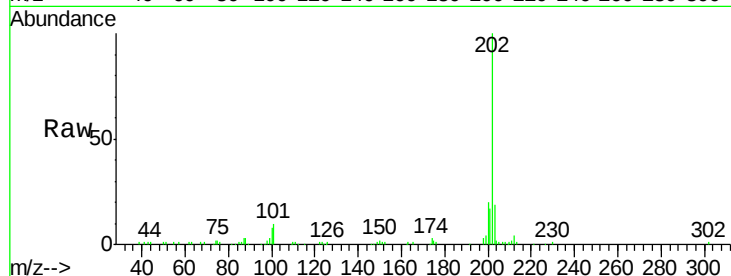




#79
 Pyrene
 Concen: 5.30 ng/ul
 RT: 19.49 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BM001840.D
 Acq: 06 Jul 2015 17:18

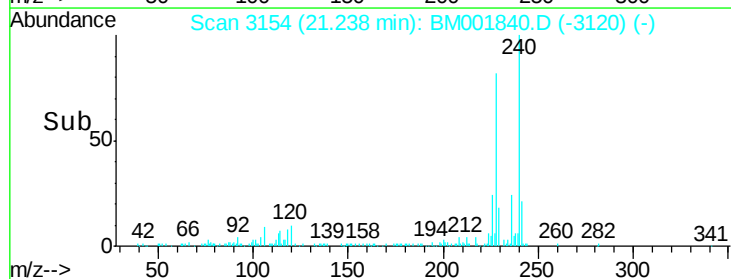
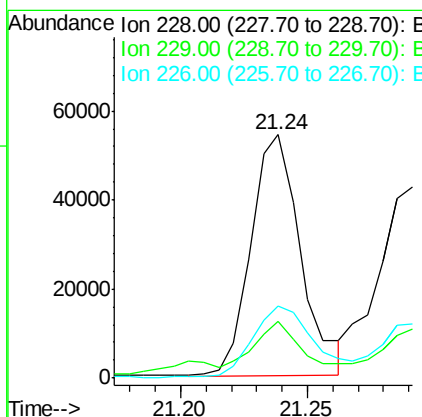
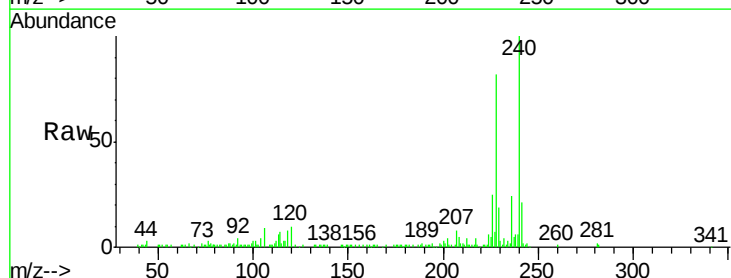
Instrument :
 BNA_M
 ClientSampled :
 G93M3

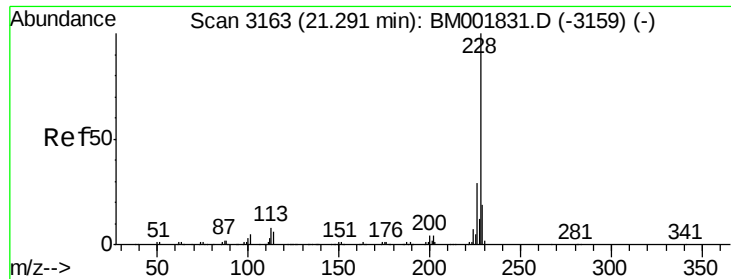
Tgt Ion:202 Resp: 115414
 Ion Ratio Lower Upper
 202 100
 101 10.0 6.9 10.3
 100 8.1 6.2 9.2



#82
 Benzo(a)anthracene
 Concen: 3.26 ng/ul
 RT: 21.24 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BM001840.D
 Acq: 06 Jul 2015 17:18

Tgt Ion:228 Resp: 74631
 Ion Ratio Lower Upper
 228 100
 229 23.5 15.4 23.0#
 226 29.8 20.6 30.8





#84

Chrysene

Concen: 2.74 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BM001840.D

Acq: 06 Jul 2015 17:18

Instrument :

BNA_M

ClientSampleId :

G93M3

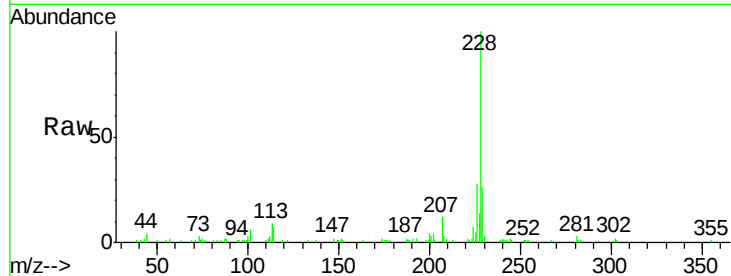
Tgt Ion:228 Resp: 59567

Ion Ratio Lower Upper

228 100

226 28.0 23.0 34.4

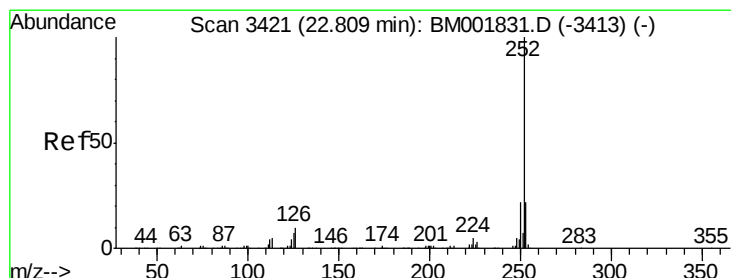
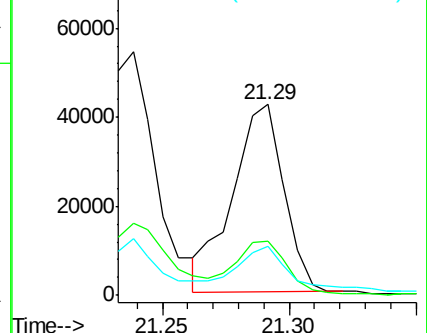
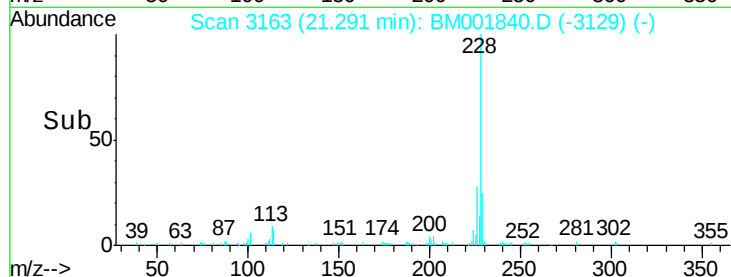
229 25.8 15.4 23.2#



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: 3.66 ng/ul

RT: 22.80 min Scan# 3420

Delta R.T. -0.01 min

Lab File: BM001840.D

Acq: 06 Jul 2015 17:18

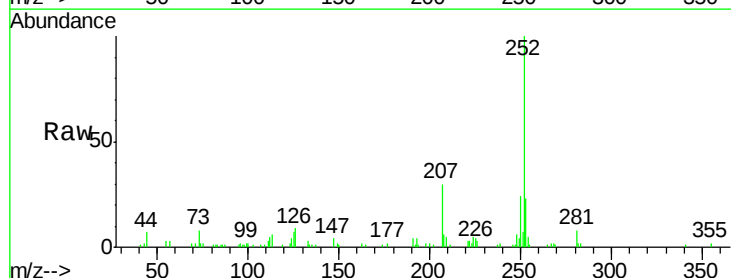
Tgt Ion:252 Resp: 84732

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

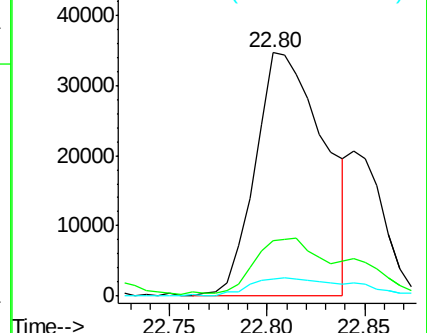
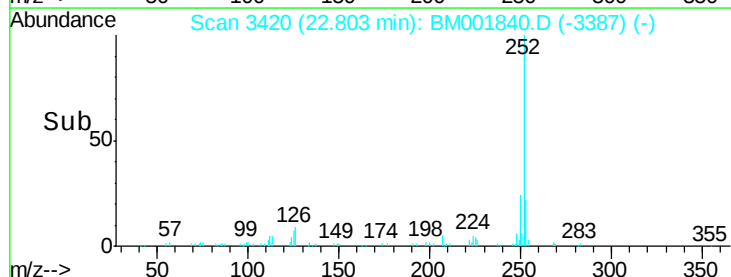
125 6.8 5.3 7.9

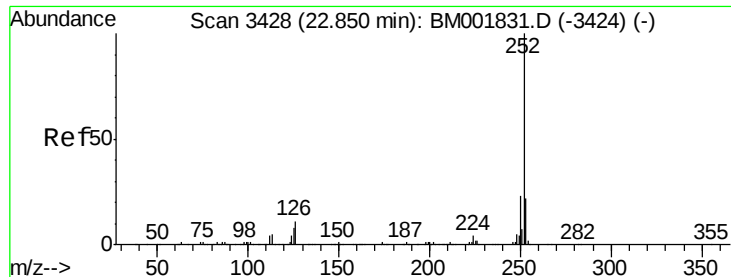


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

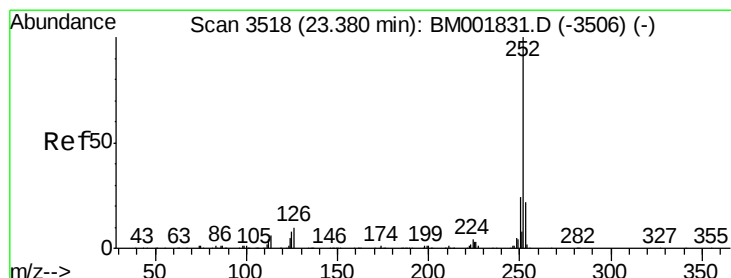
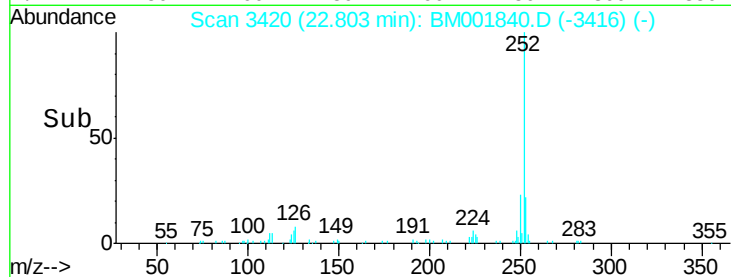
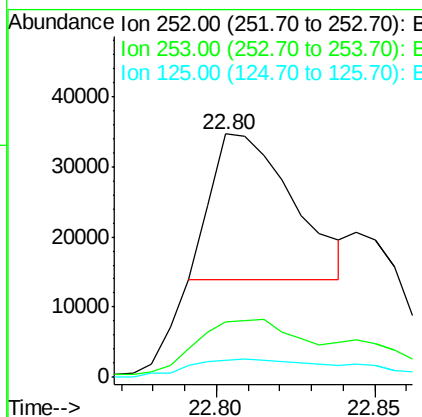
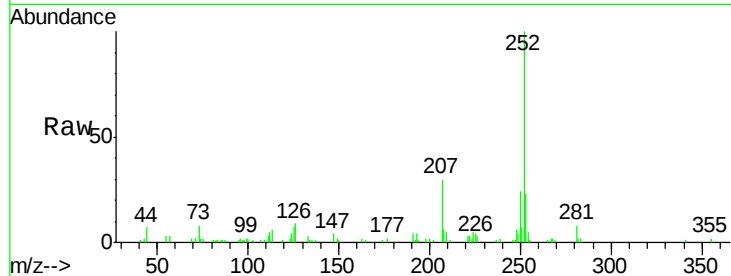




#88
Benzo(k)fluoranthene
Concen: 1.66 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. -0.05 min
Lab File: BM001840.D
Acq: 06 Jul 2015 17:18

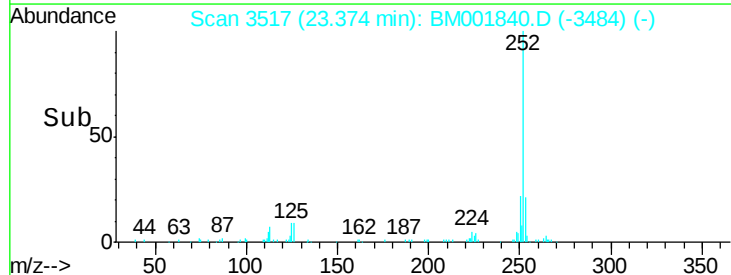
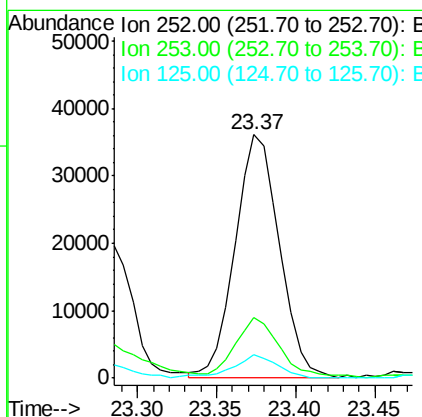
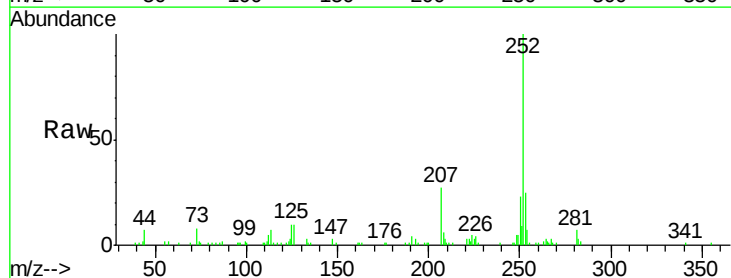
Instrument :
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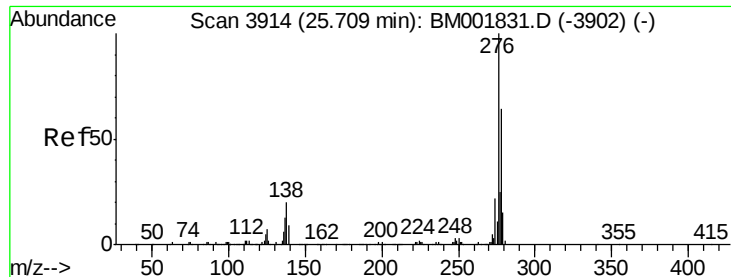
Tgt Ion:252 Resp: 37007
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 6.8 5.3 7.9



#90
Benzo(a)pyrene
Concen: 3.12 ng/ul
RT: 23.37 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM001840.D
Acq: 06 Jul 2015 17:18

Tgt Ion:252 Resp: 70134
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.0
125 9.7 6.0 9.0#

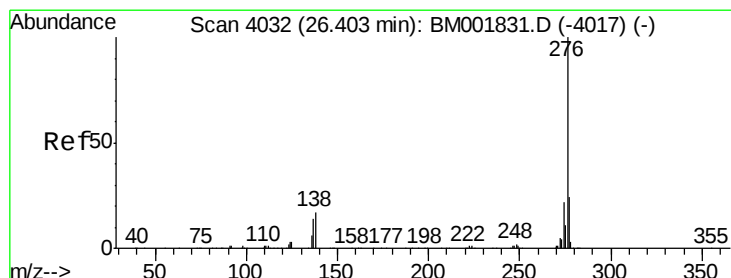
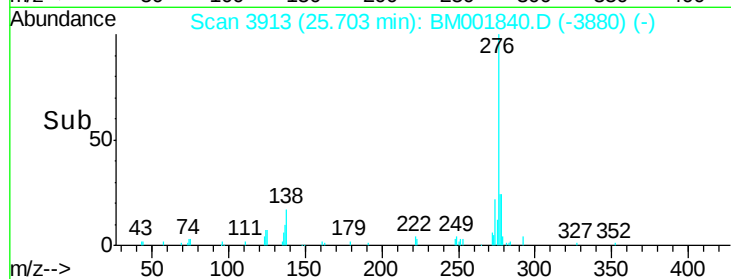
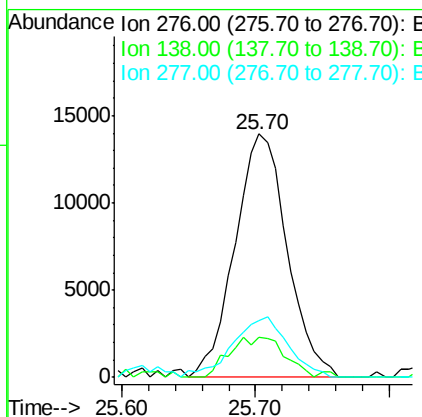
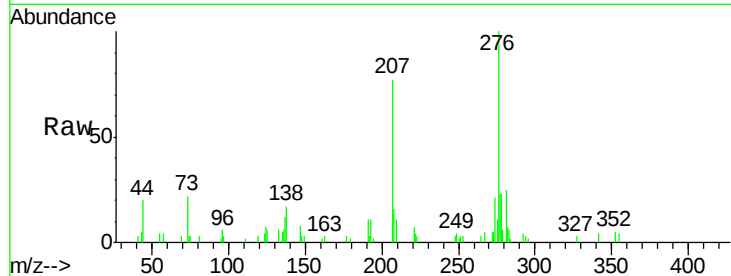




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.42 ng/ul
 RT: 25.70 min Scan# 3913
 Delta R.T. -0.01 min
 Lab File: BM001840.D
 Acq: 06 Jul 2015 17:18

Instrument :
 BNA_M
 ClientSampleId :
 G93M3

Tgt Ion: 276 Resp: 37801
 Ion Ratio Lower Upper
 276 100
 138 16.5 14.7 22.1
 277 23.5 19.7 29.5



#93
 Benzo(g,h,i)perylene
 Concen: 1.47 ng/ul
 RT: 26.40 min Scan# 4031
 Delta R.T. -0.01 min
 Lab File: BM001840.D
 Acq: 06 Jul 2015 17:18

Tgt Ion: 276 Resp: 33093
 Ion Ratio Lower Upper
 276 100
 138 13.9 12.6 19.0
 277 23.9 18.7 28.1

