

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001835.D
 Acq On : 06 Jul 2015 14:12
 Operator : TP/UM
 Sample : G2861-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93M0

Quant Time: Jul 07 04:03:44 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	58618	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	232617	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	135975	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	311795	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	376452	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	376980	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	3477	2.83	ng/uL	0.00
5) Phenol-d5	6.83	99	60295	13.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	38799	15.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	46976	13.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	28635	7.92	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	24412	15.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	27212	15.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	49020	13.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	36092	9.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	165995	16.46	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	172624	13.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	16919	9.10	ng/ul	0.00
57) Fluorene-d10	15.31	176	124640	13.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	17475	9.17	ng/ul	0.00
70) Anthracene-d10	17.16	188	186142	12.82	ng/ul	0.00
78) Pyrene-d10	19.46	212	182593	11.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	142065	8.55	ng/ul	0.00

Target Compounds

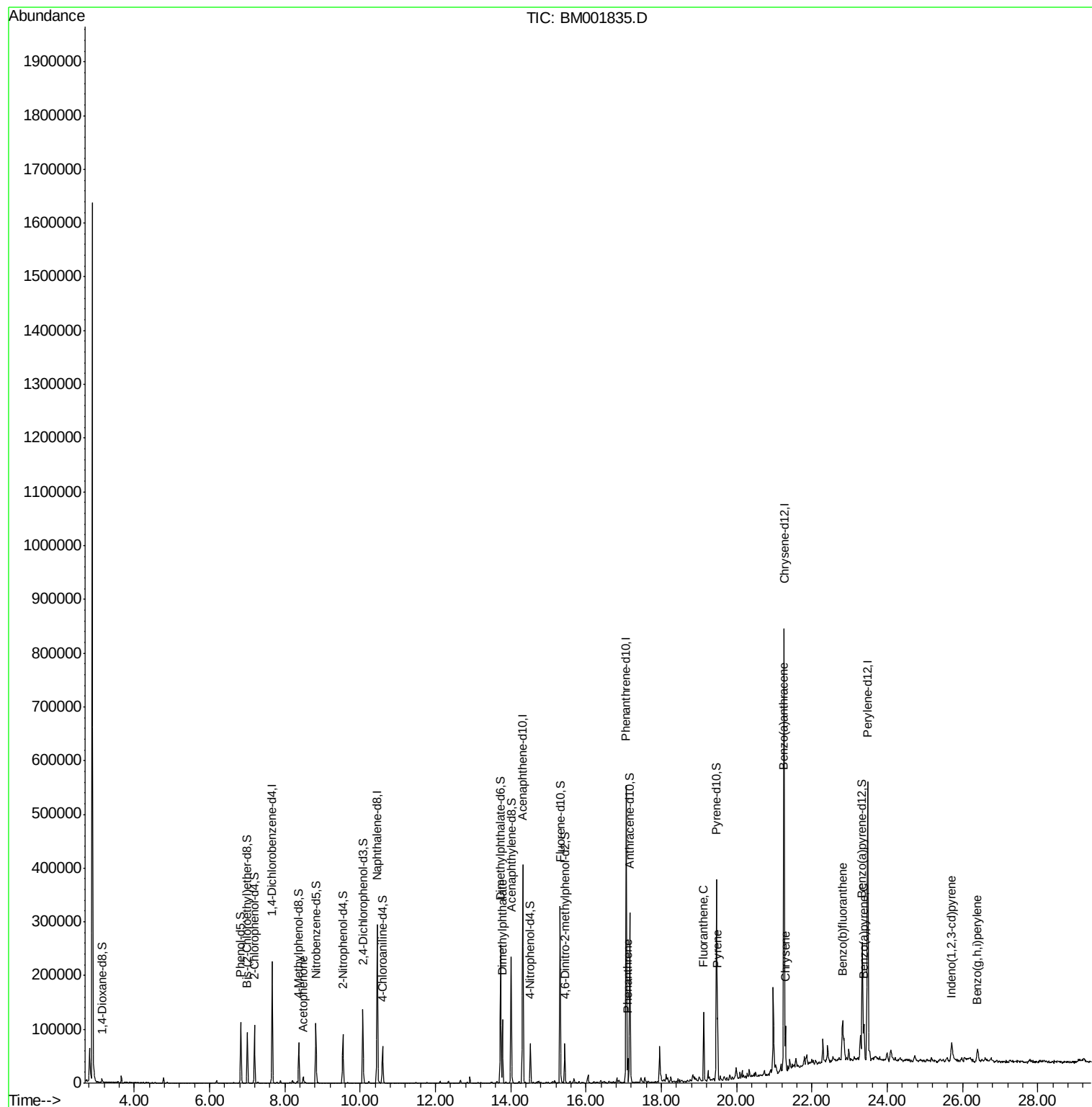
						Qvalue
14) Acetophenone	8.49	105	7380	1.29	ng/ul	96
44) Dimethylphthalate	13.77	163	73488	6.67	ng/ul	100
69) Phenanthrene	17.10	178	29467	1.74	ng/ul	99
76) Fluoranthene	19.12	202	79397	3.93	ng/ul	99
79) Pyrene	19.49	202	80832	3.87	ng/ul	97
82) Benzo(a)anthracene	21.24	228	49876	2.27	ng/ul	98
84) Chrysene	21.29	228	44240	2.12	ng/ul	96
87) Benzo(b)fluoranthene	22.81	252	67426	3.07	ng/ul#	97
90) Benzo(a)pyrene	23.38	252	49377	2.31	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.71	276	34943	1.38	ng/ul	98
93) Benzo(g,h,i)perylene	26.39	276	32356	1.52	ng/ul	96

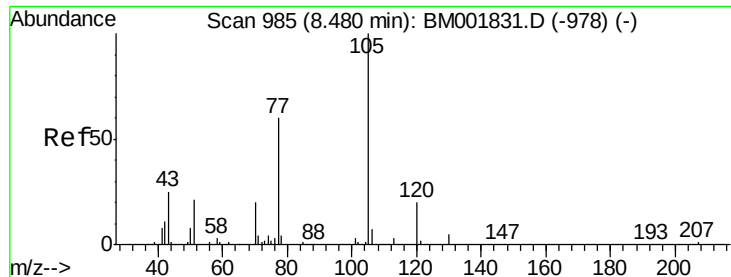
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.29 ng/ul

RT: 8.49 min Scan# 986

Delta R.T. 0.01 min

Lab File: BM001835.D

Acq: 06 Jul 2015 14:12

Instrument :

BNA_M

ClientSampleId :

G93M0

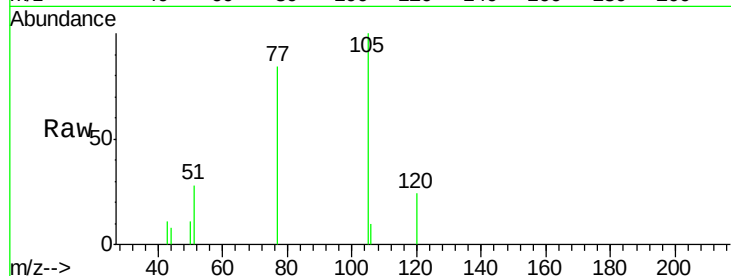
Tgt Ion:105 Resp: 7380

Ion Ratio Lower Upper

105 100

77 84.3 64.2 96.4

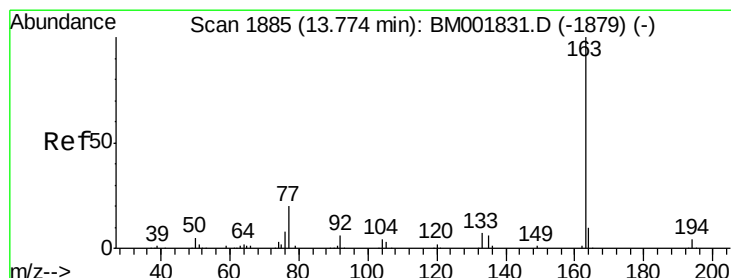
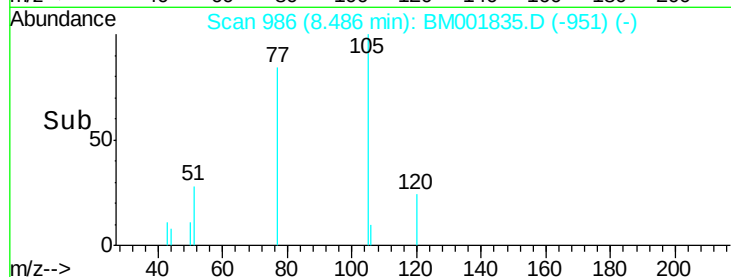
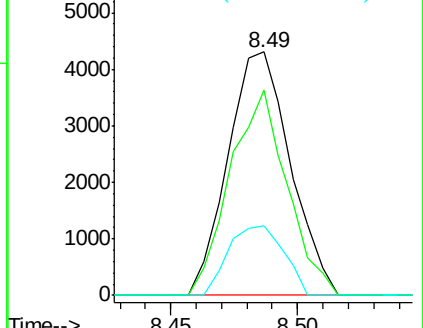
51 28.3 22.0 33.0



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 6.67 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BM001835.D

Acq: 06 Jul 2015 14:12

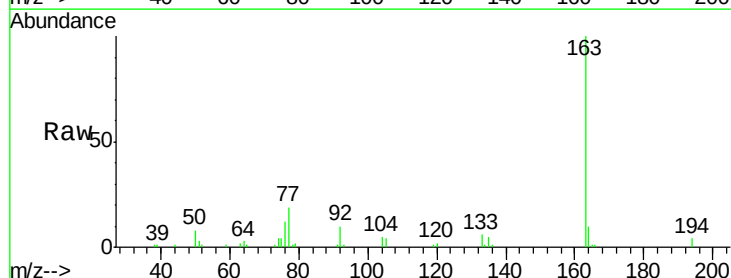
Tgt Ion:163 Resp: 73488

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

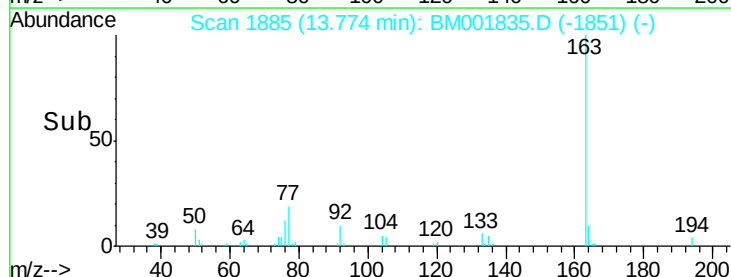
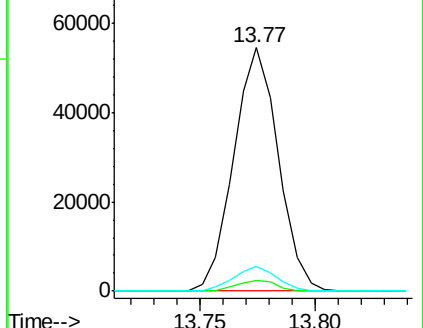
164 10.0 8.0 12.0

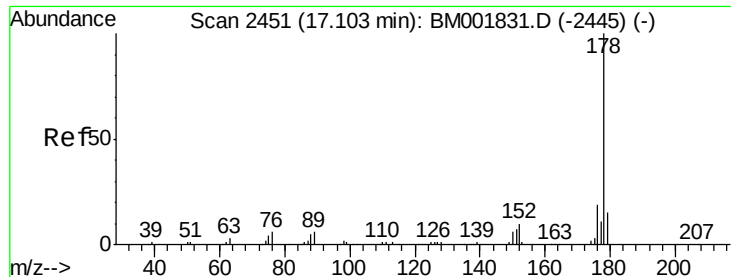


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.74 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM001835.D

Acq: 06 Jul 2015 14:12

Instrument :

BNA_M

ClientSampleId :

G93M0

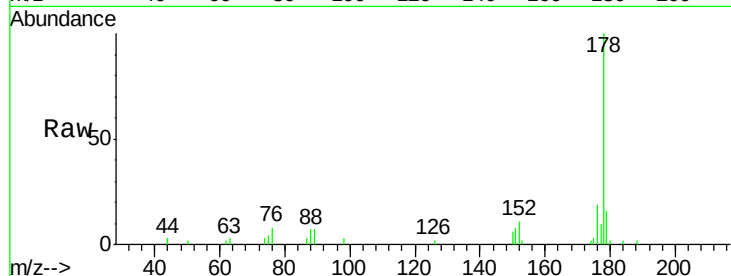
Tgt Ion:178 Resp: 29467

Ion Ratio Lower Upper

178 100

179 15.7 11.9 17.9

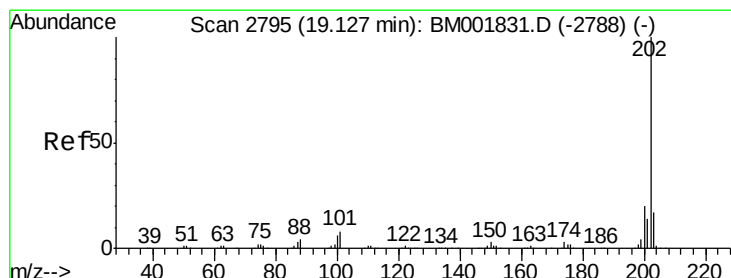
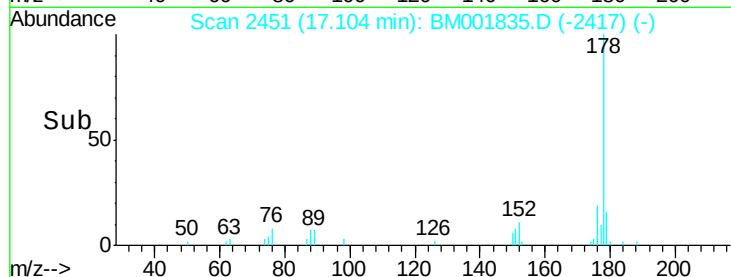
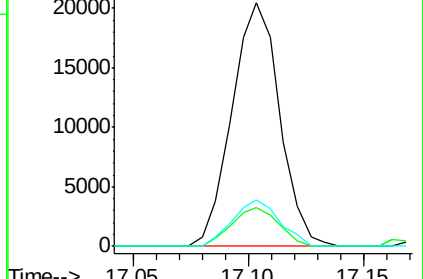
176 19.0 15.2 22.8



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



#76

Fluoranthene

Concen: 3.93 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM001835.D

Acq: 06 Jul 2015 14:12

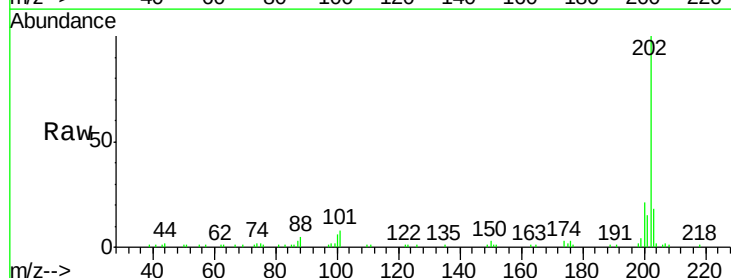
Tgt Ion:202 Resp: 79397

Ion Ratio Lower Upper

202 100

101 8.1 6.1 9.1

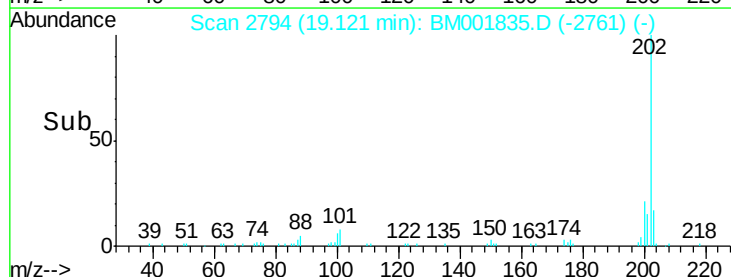
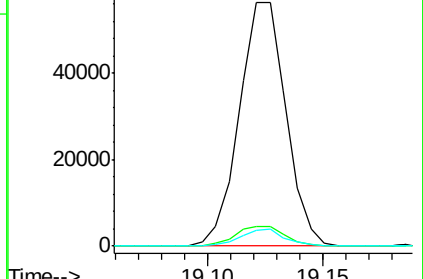
100 6.3 4.8 7.2

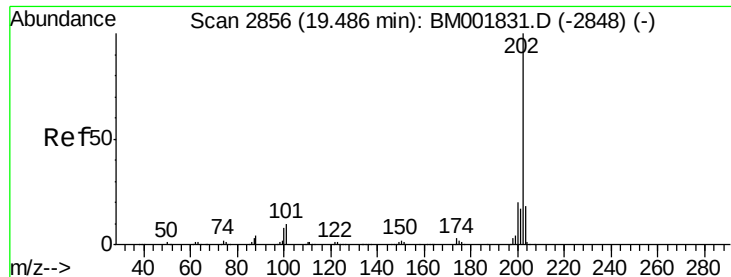


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 3.87 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM001835.D

Acq: 06 Jul 2015 14:12

Instrument :

BNA_M

ClientSampleId :

G93M0

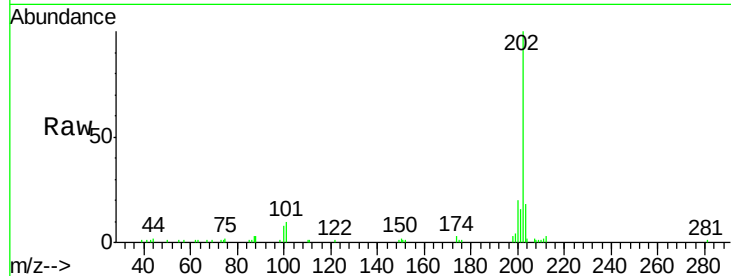
Tgt Ion:202 Resp: 80832

Ion Ratio Lower Upper

202 100

101 10.1 6.9 10.3

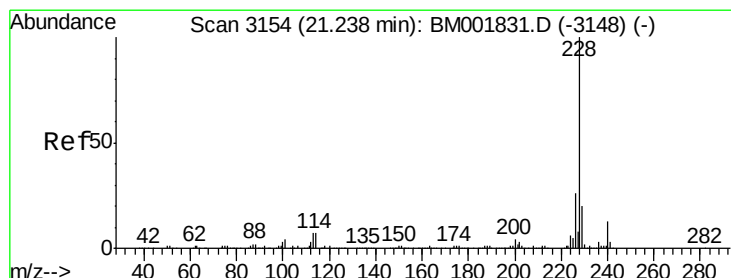
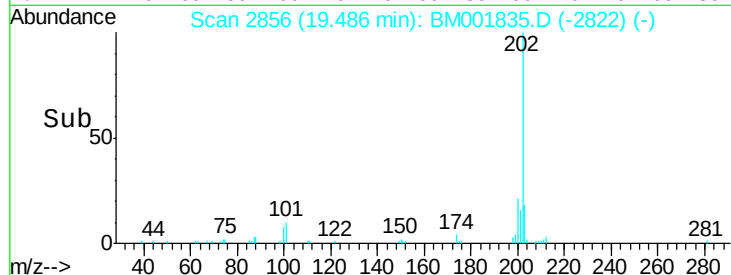
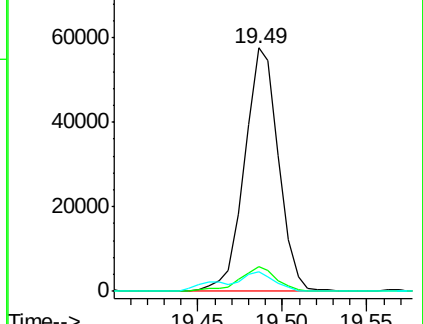
100 8.2 6.2 9.2



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: 2.27 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BM001835.D

Acq: 06 Jul 2015 14:12

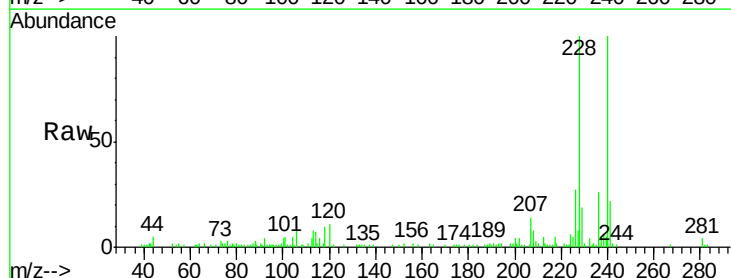
Tgt Ion:228 Resp: 49876

Ion Ratio Lower Upper

228 100

229 18.9 15.4 23.0

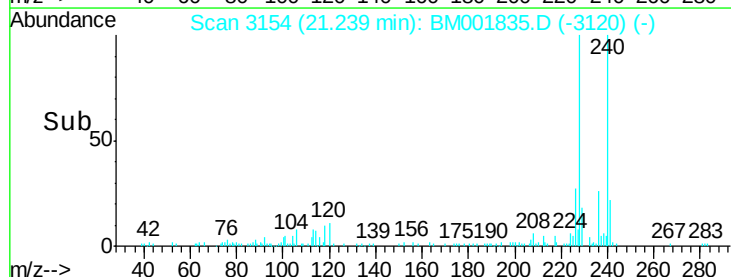
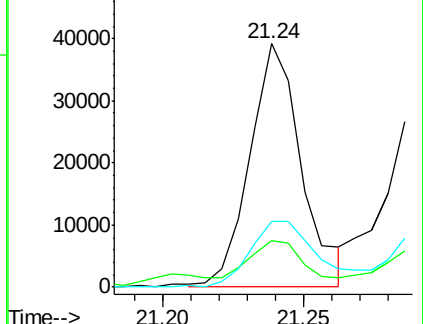
226 26.9 20.6 30.8

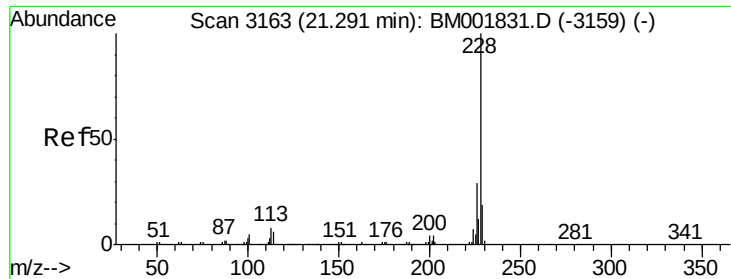


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.12 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BM001835.D

Acq: 06 Jul 2015 14:12

Instrument :

BNA_M

ClientSampled :

G93M0

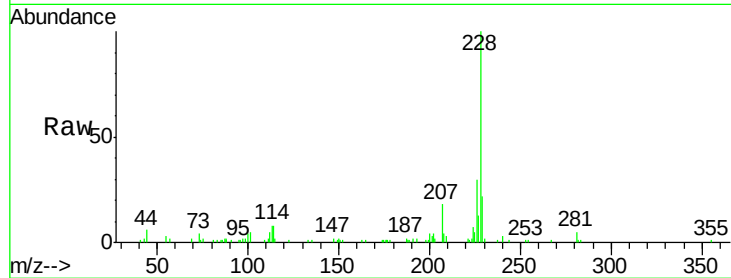
Tgt Ion:228 Resp: 44240

Ion Ratio Lower Upper

228 100

226 30.0 23.0 34.4

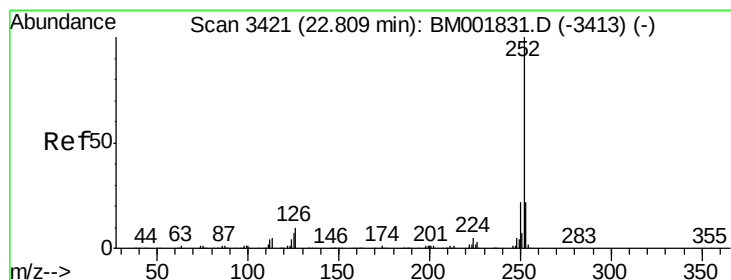
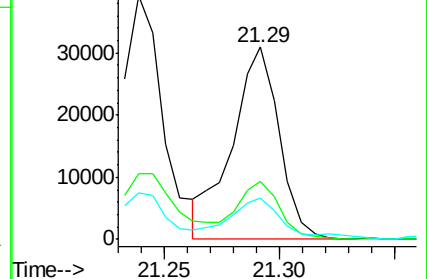
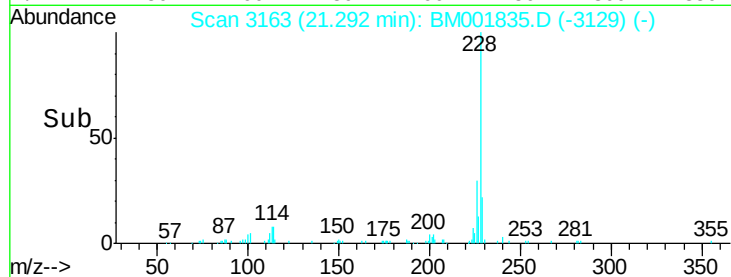
229 21.7 15.4 23.2



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: 3.07 ng/ul

RT: 22.81 min Scan# 3421

Delta R.T. 0.00 min

Lab File: BM001835.D

Acq: 06 Jul 2015 14:12

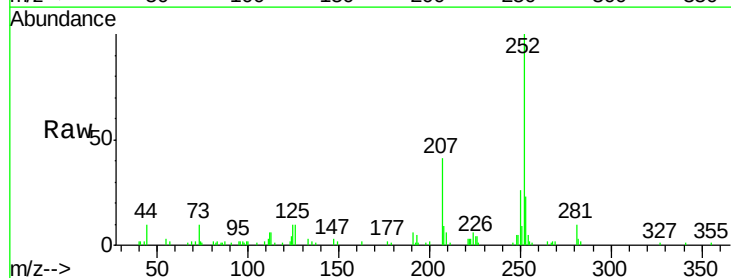
Tgt Ion:252 Resp: 67426

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

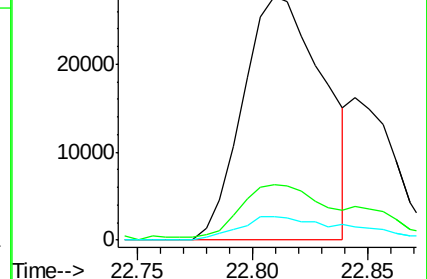
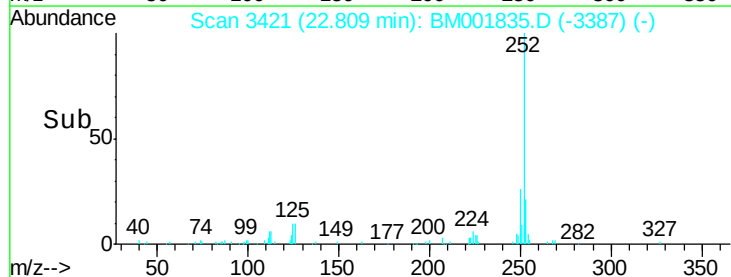
125 9.6 5.3 7.9#

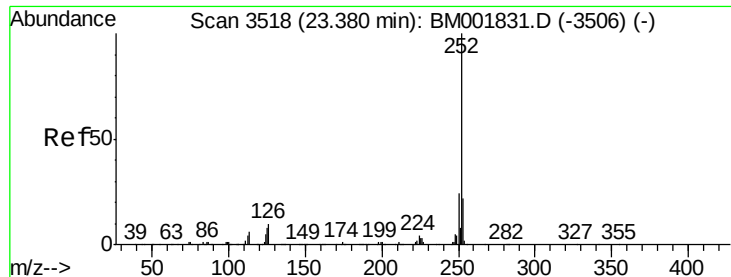


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.31 ng/ul

RT: 23.38 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BM001835.D

Acq: 06 Jul 2015 14:12

Instrument :

BNA_M

ClientSampleId :

G93M0

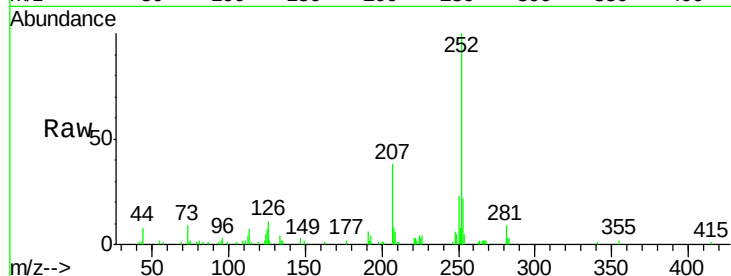
Tgt Ion:252 Resp: 49377

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

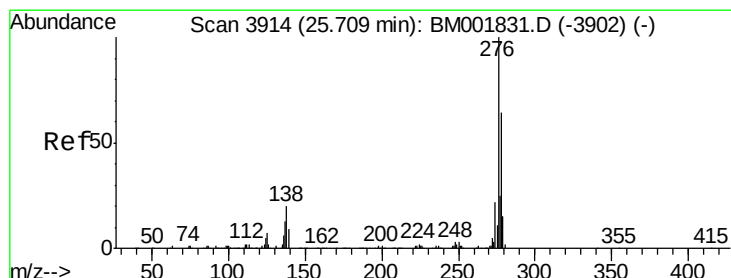
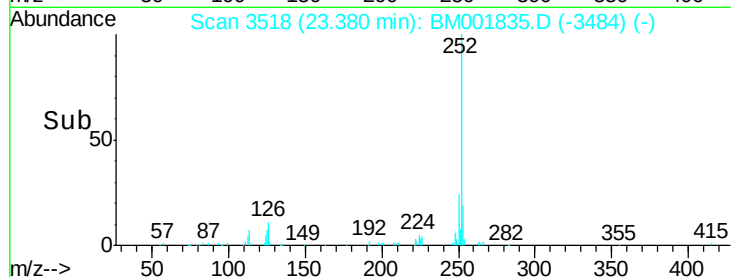
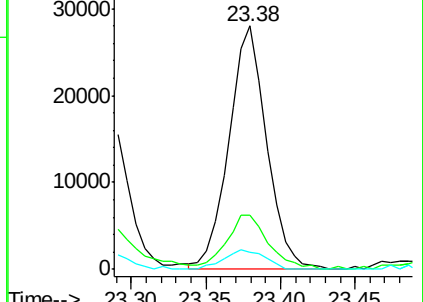
125 7.2 6.0 9.0



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: 1.38 ng/ul

RT: 25.71 min Scan# 3914

Delta R.T. 0.00 min

Lab File: BM001835.D

Acq: 06 Jul 2015 14:12

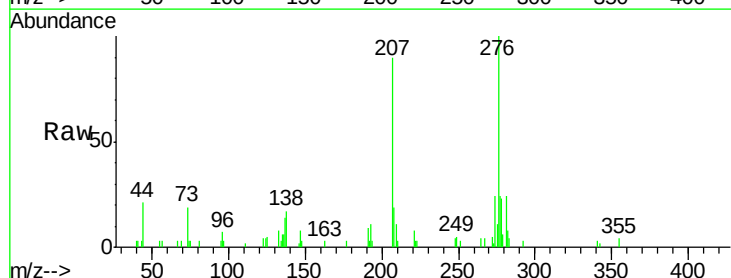
Tgt Ion:276 Resp: 34943

Ion Ratio Lower Upper

276 100

138 16.6 14.7 22.1

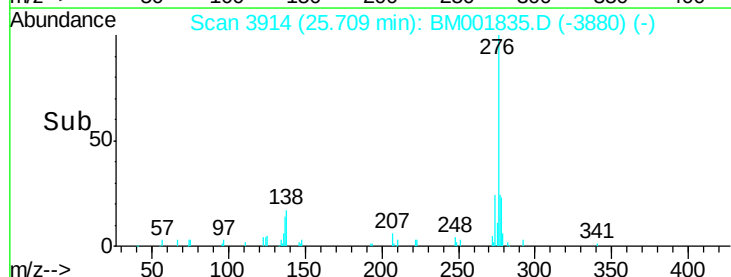
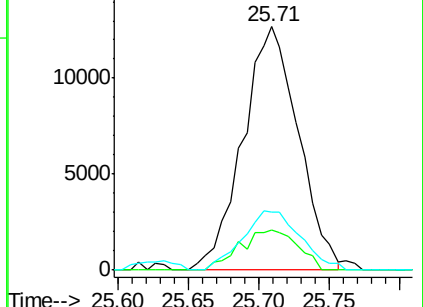
277 24.1 19.7 29.5

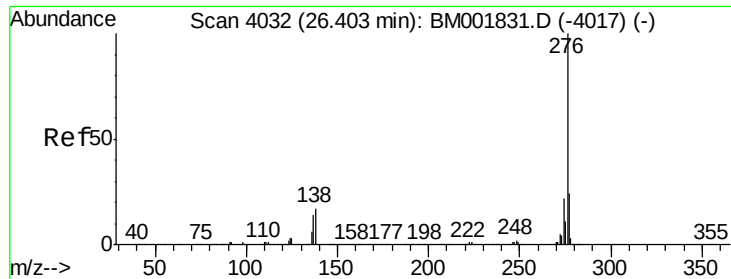


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.52 ng/ul

RT: 26.39 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM001835.D

Acq: 06 Jul 2015 14:12

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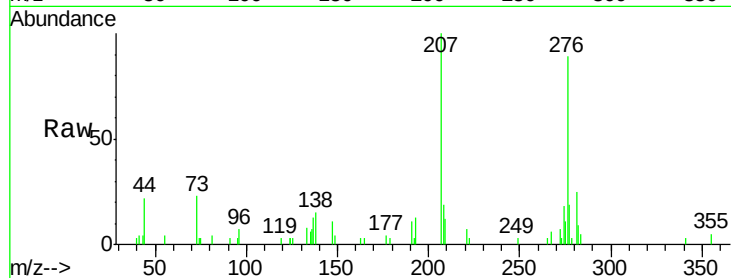
Tgt Ion: 276 Resp: 32356

Ion Ratio Lower Upper

276 100

138 17.1 12.6 19.0

277 21.5 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

