

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001848.D
 Acq On : 06 Jul 2015 23:27
 Operator : TP/UM
 Sample : G2861-11 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L5

Quant Time: Jul 07 07:22:35 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	56217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	217363	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	128242	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	288745	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	351992	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	356934	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.83	99	4662	1.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	2941	1.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	3855	1.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	3224	0.93	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	1574	1.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	1735	1.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	3876	1.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	3089	0.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	12295	1.29	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	14929	1.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	742	0.42	ng/ul	0.00
57) Fluorene-d10	15.31	176	12136	1.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	757	0.43	ng/ul	0.00
70) Anthracene-d10	17.16	188	18113	1.35	ng/ul	0.00
78) Pyrene-d10	19.46	212	20034	1.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	18228	1.16	ng/ul	0.00

Target Compounds

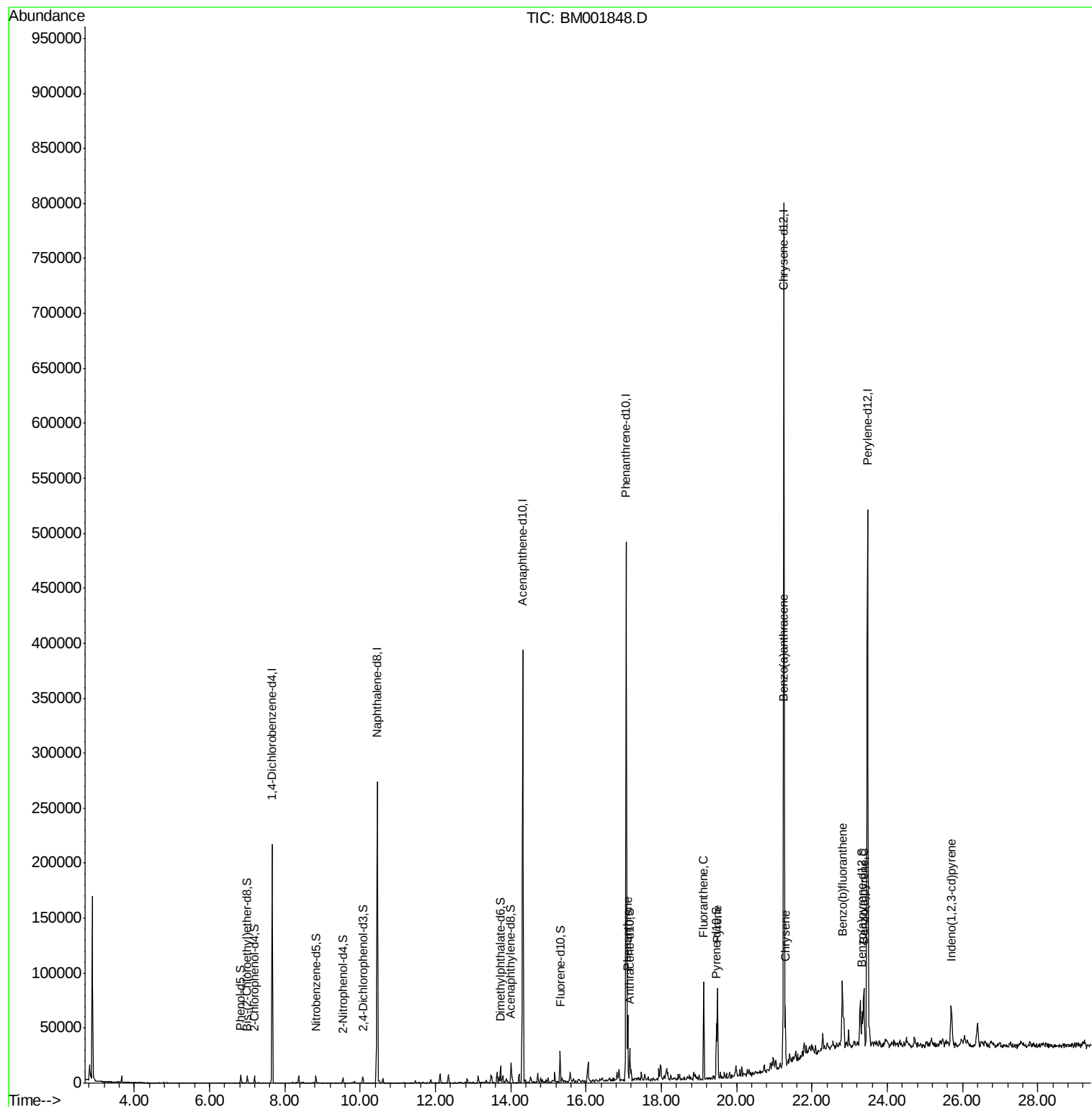
						Qvalue
69) Phenanthrene	17.10	178	35378	2.26	ng/ul	97
76) Fluoranthene	19.12	202	53443	2.85	ng/ul	99
79) Pyrene	19.49	202	51992	2.66	ng/ul	97
82) Benzo(a)anthracene	21.23	228	33234	1.62	ng/ul	95
84) Chrysene	21.29	228	32201	1.65	ng/ul	96
87) Benzo(b)fluoranthene	22.80	252	56327	2.71	ng/ul	99
90) Benzo(a)pyrene	23.37	252	38089	1.88	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.70	276	38023	1.59	ng/ul#	95

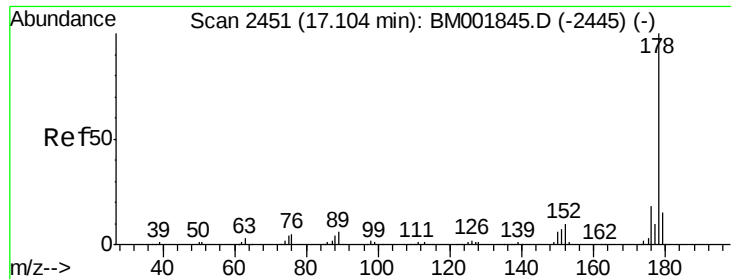
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 2.26 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM001848.D

Acq: 06 Jul 2015 23:27

Instrument :

BNA_M

ClientSampleId :

G93L5

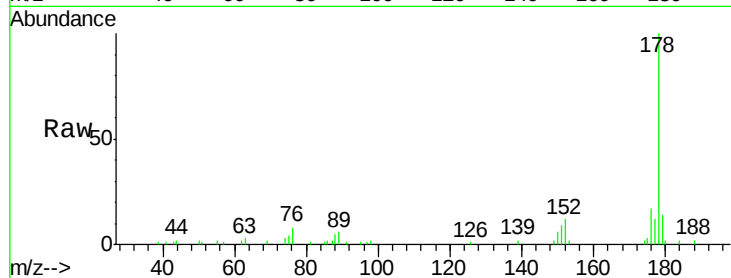
Tgt Ion:178 Resp: 35378

Ion Ratio Lower Upper

178 100

179 14.4 11.9 17.9

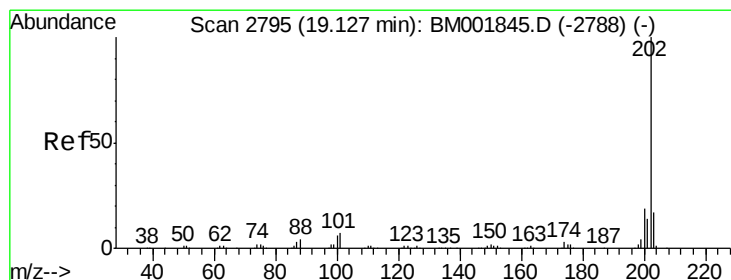
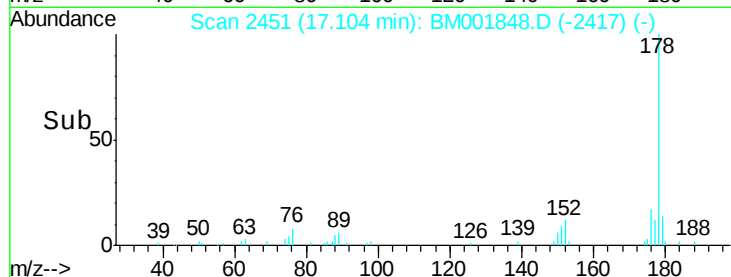
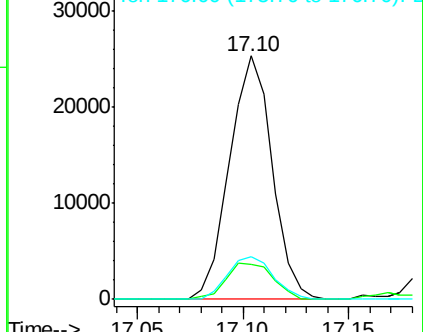
176 17.3 15.2 22.8



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: 2.85 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM001848.D

Acq: 06 Jul 2015 23:27

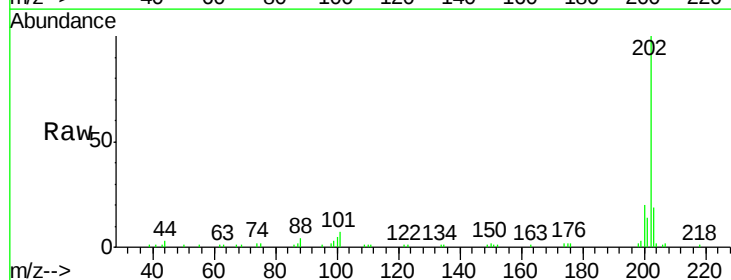
Tgt Ion:202 Resp: 53443

Ion Ratio Lower Upper

202 100

101 7.4 6.1 9.1

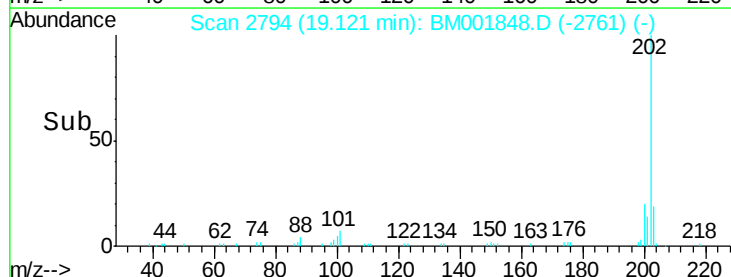
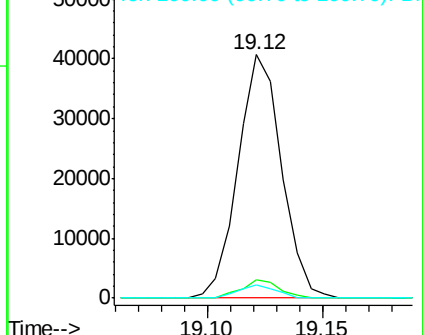
100 5.4 4.8 7.2

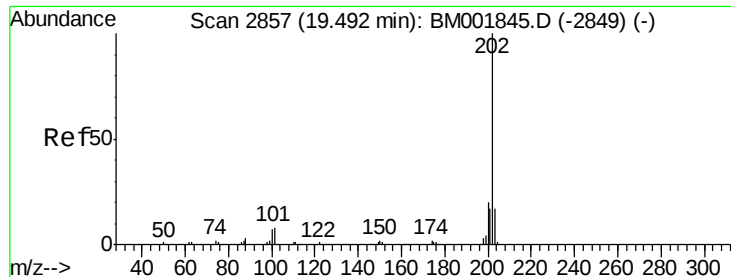


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

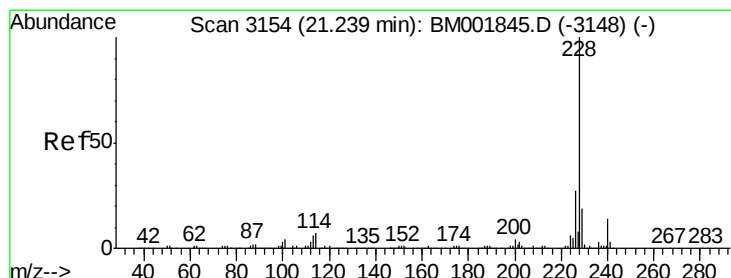
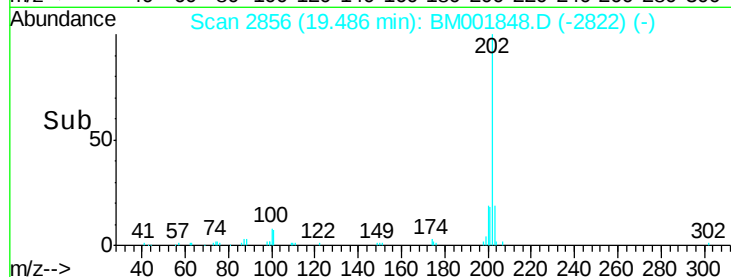
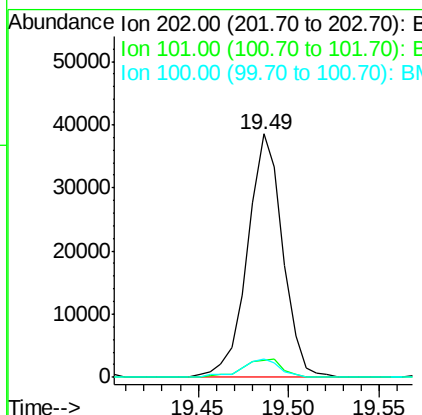
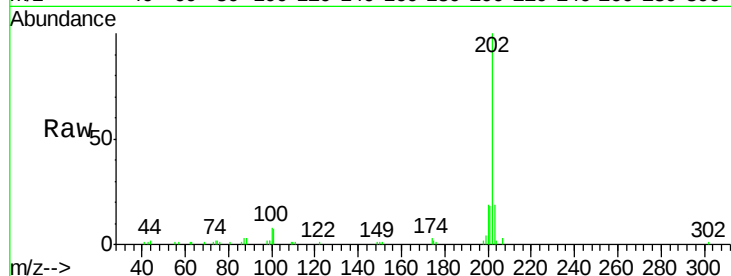




#79
 Pyrene
 Concen: 2.66 ng/u1
 RT: 19.49 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BM001848.D
 Acq: 06 Jul 2015 23:27

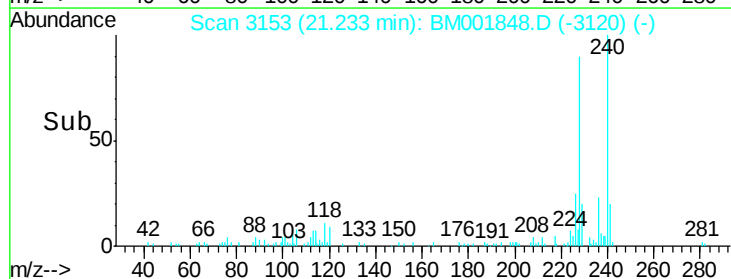
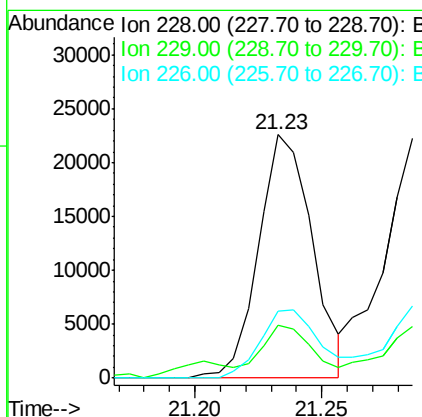
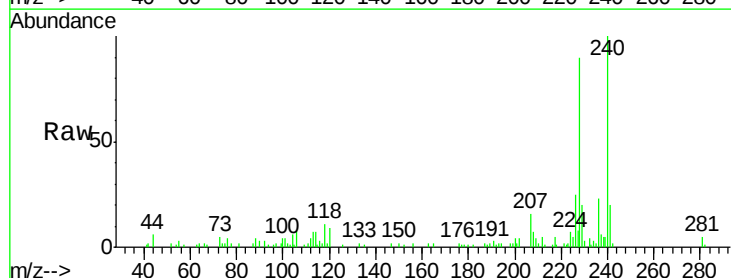
Instrument :
 BNA_M
 ClientSampled :
 G93L5

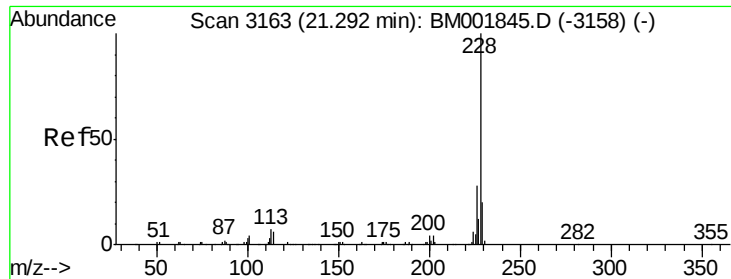
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	6.9	10.3
100	7.5	6.2	9.2



#82
 Benzo(a)anthracene
 Concen: 1.62 ng/u1
 RT: 21.23 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BM001848.D
 Acq: 06 Jul 2015 23:27

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.4	23.0
226	27.7	20.6	30.8





#84

Chrysene

Concen: 1.65 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001848.D

Acq: 06 Jul 2015 23:27

Instrument :

BNA_M

ClientSampleId :

G93L5

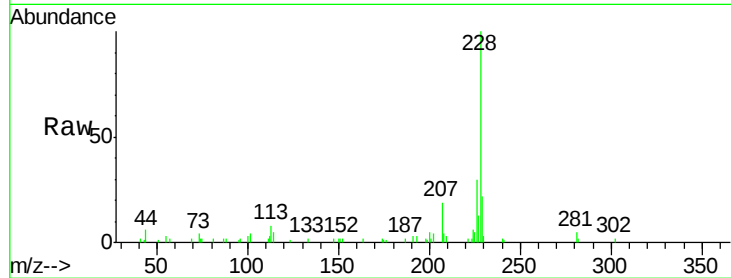
Tgt Ion:228 Resp: 32201

Ion Ratio Lower Upper

228 100

226 30.2 23.0 34.4

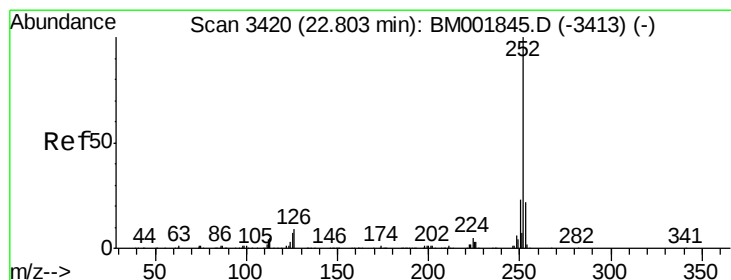
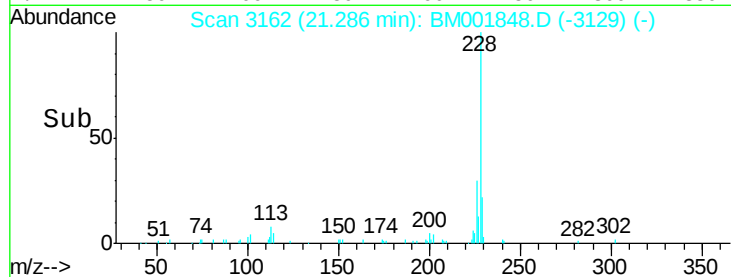
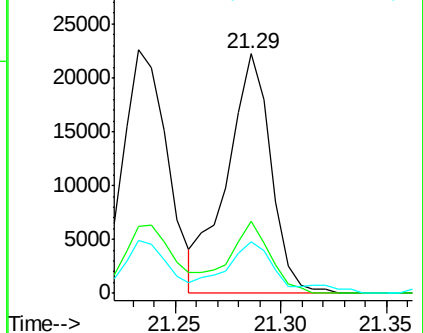
229 21.6 15.4 23.2



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: 2.71 ng/ul

RT: 22.80 min Scan# 3420

Delta R.T. -0.01 min

Lab File: BM001848.D

Acq: 06 Jul 2015 23:27

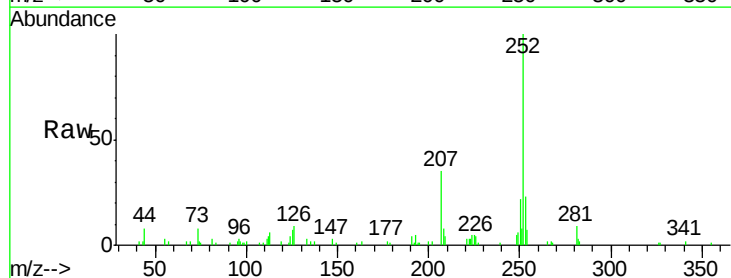
Tgt Ion:252 Resp: 56327

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

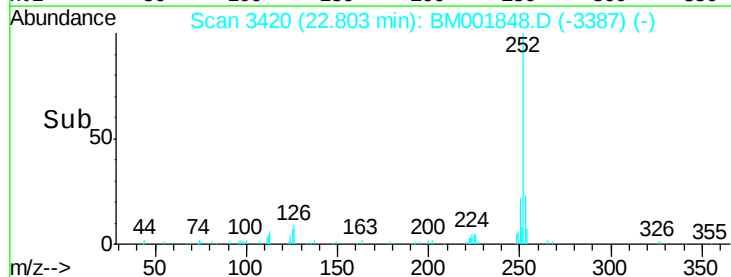
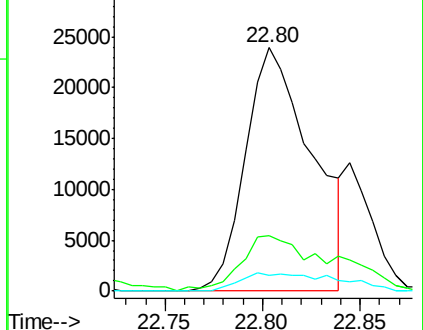
125 6.7 5.3 7.9

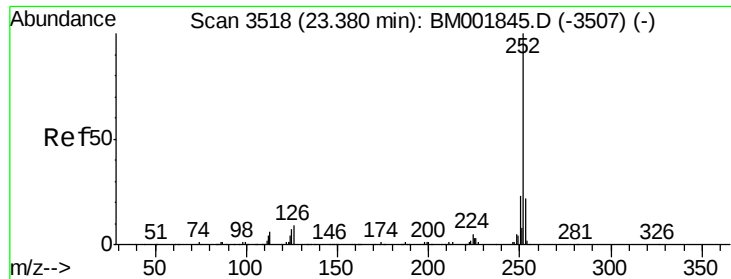


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.88 ng/ul

RT: 23.37 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM001848.D

Acq: 06 Jul 2015 23:27

Instrument :

BNA_M

ClientSampleId :

G93L5

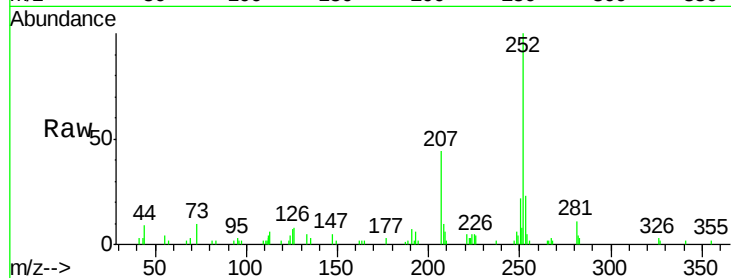
Tgt Ion:252 Resp: 38089

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

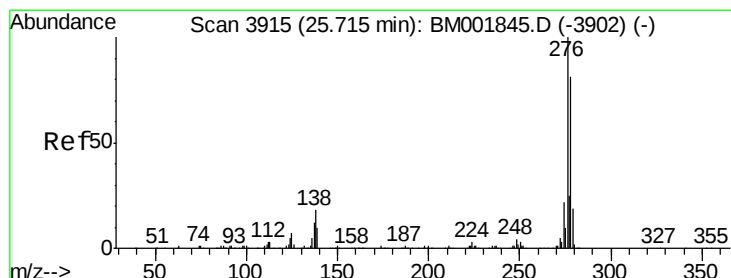
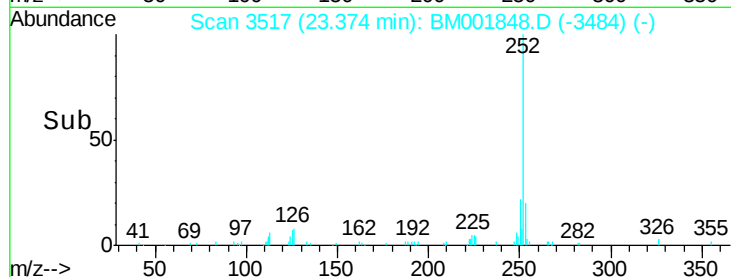
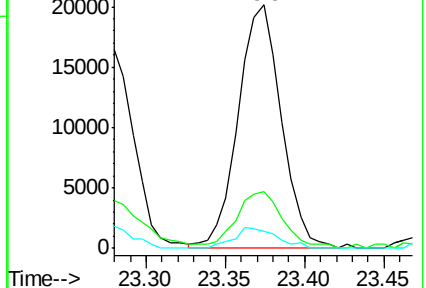
125 7.2 6.0 9.0



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: 1.59 ng/ul

RT: 25.70 min Scan# 3913

Delta R.T. -0.01 min

Lab File: BM001848.D

Acq: 06 Jul 2015 23:27

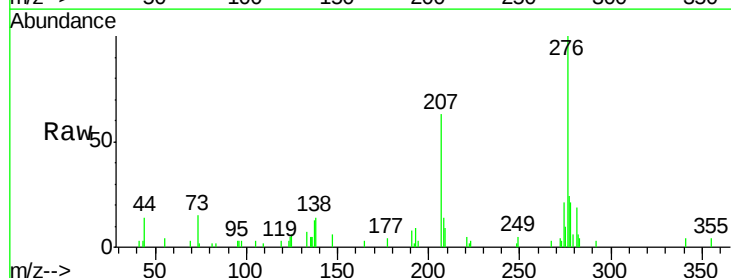
Tgt Ion:276 Resp: 38023

Ion Ratio Lower Upper

276 100

138 14.3 14.7 22.1#

277 23.9 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

