

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001092.D
 Acq On : 21 Apr 2015 07:35
 Operator : TP/IZ
 Sample : G1859-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 21 08:41:36 2015
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 21 04:18:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	206911	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	863152	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	470043	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	983357	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	971021	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	946230	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	252	0.06	ng/uL	0.05
5) Phenol-d5	6.76	99	230667	14.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	156580	15.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	197872	15.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	116416	9.14	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	94228	16.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	101920	15.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	168633	13.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	63319	5.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	527453	16.84	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	559429	12.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	67252	11.05	ng/ul	0.00
57) Fluorene-d10	15.23	176	353373	11.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	23343	4.37	ng/ul	0.00
70) Anthracene-d10	17.08	188	463067	10.40	ng/ul	0.00
76) Pyrene-d10	19.39	212	449548	9.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	298276	7.04	ng/ul	0.01

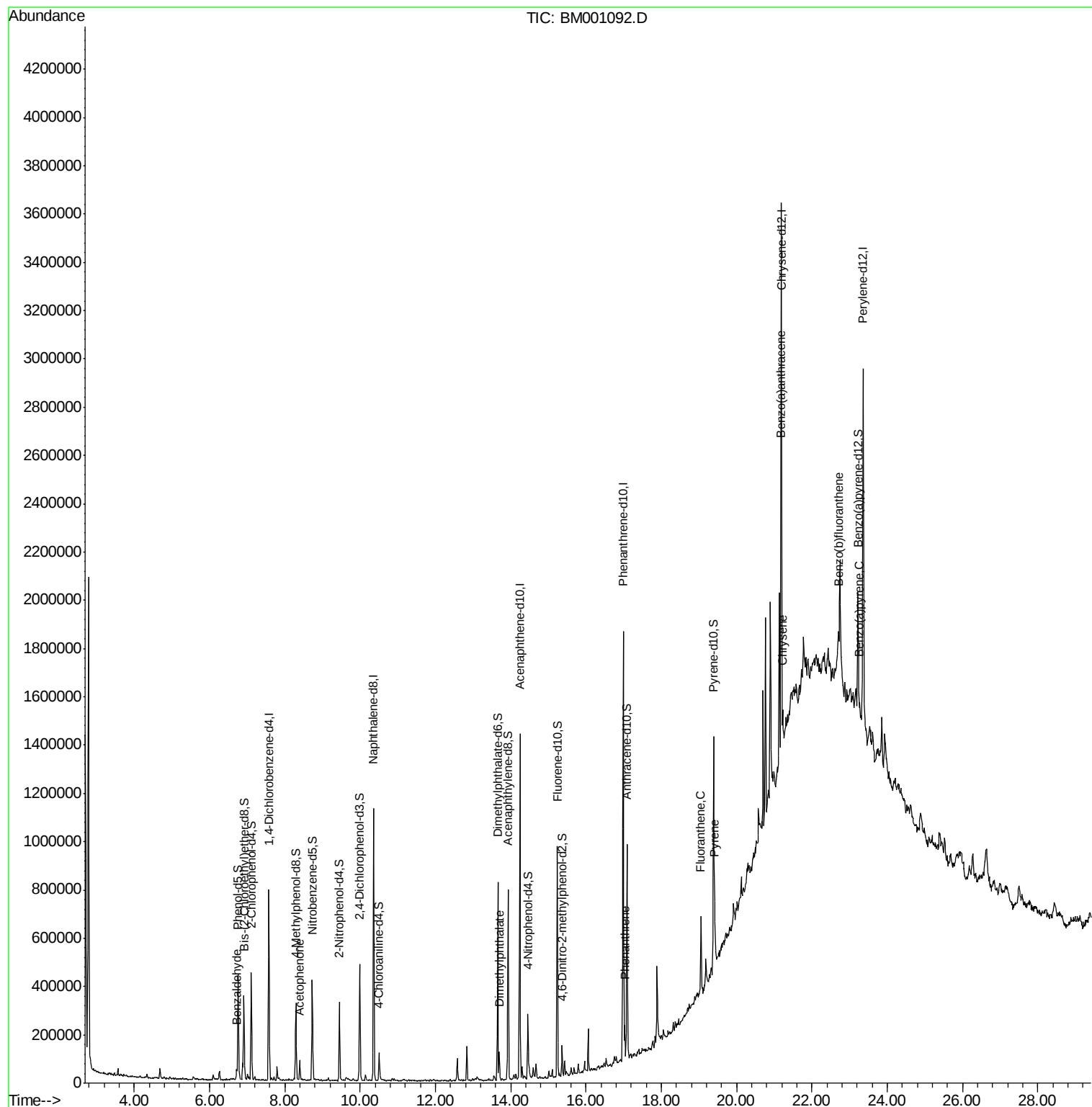
Target Compounds

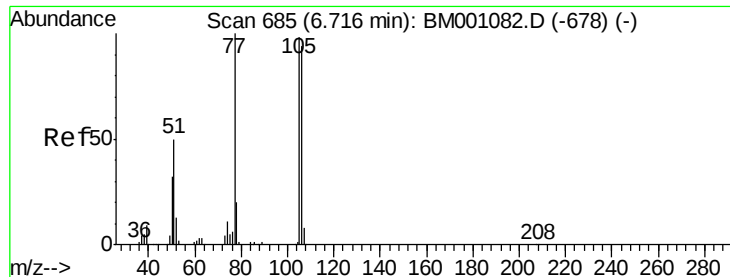
						Ovalue
4) Benzaldehyde	6.72	77	14217	1.37	ng/ul	94
14) Acetophenone	8.39	105	43027	2.08	ng/ul	99
44) Dimethylphthalate	13.70	163	72584	2.07	ng/ul#	95
69) Phenanthrene	17.03	178	75409	1.37	ng/ul	100
74) Fluoranthene	19.05	202	177091	2.98	ng/ul	98
77) Pyrene	19.42	202	146722	2.38	ng/ul	98
80) Benzo(a)anthracene	21.17	228	80241	1.42	ng/ul	97
82) Chrysene	21.22	228	73505	1.37	ng/ul	97
85) Benzo(b)fluoranthene	22.71	252	98256	1.68	ng/ul#	68
88) Benzo(a)pyrene	23.26	252	61805	1.13	ng/ul#	67

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

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#4

Benzaldehyde

Concen: 1.37 ng/ul

RT: 6.72 min Scan# 686

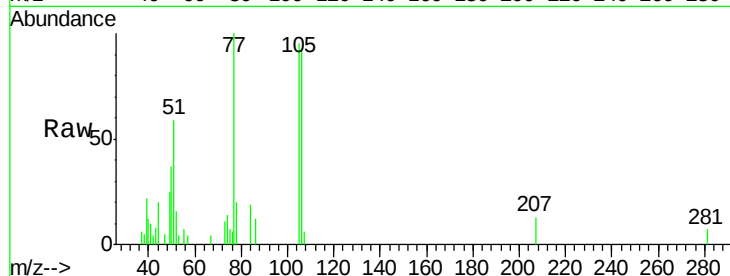
Delta R.T. 0.01 min

Lab File: BM001092.D

Acq: 21 Apr 2015 07:35

Tot Ion: 77 Resp: 14217

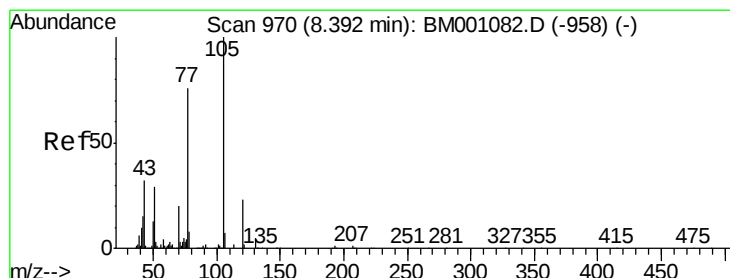
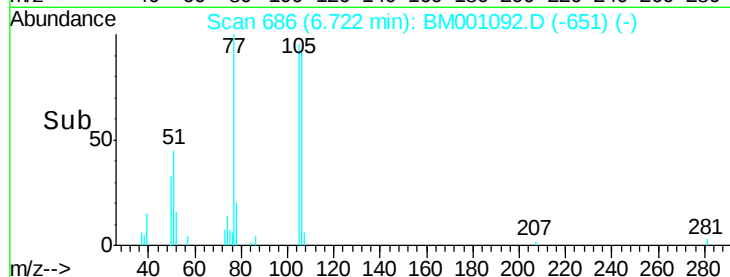
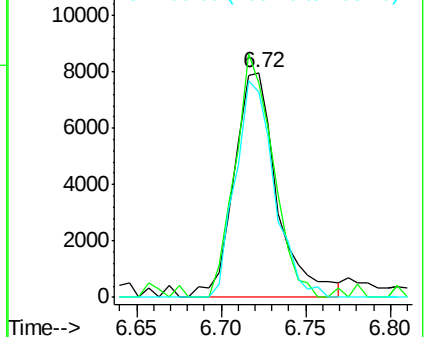
Ion	Ratio	Lower	Upper
77	100		
105	95.4	81.1	121.7
106	91.5	78.1	117.1



Abundance Ion 77.00 (76.70 to 77.70): BM001092.D (-651) (-)

Ion 105.00 (104.70 to 105.70): BM001092.D (-651) (-)

Ion 106.00 (105.70 to 106.70): BM001092.D (-651) (-)



#14

Acetophenone

Concen: 2.08 ng/ul

RT: 8.39 min Scan# 970

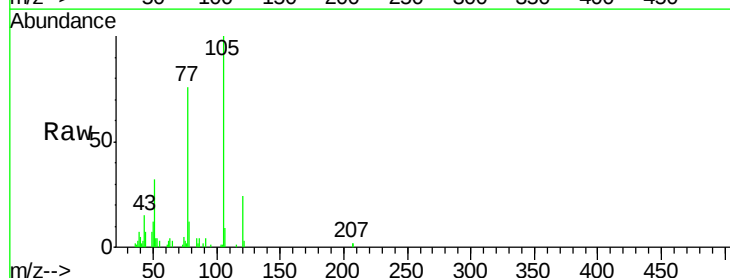
Delta R.T. 0.00 min

Lab File: BM001092.D

Acq: 21 Apr 2015 07:35

Tgt Ion: 105 Resp: 43027

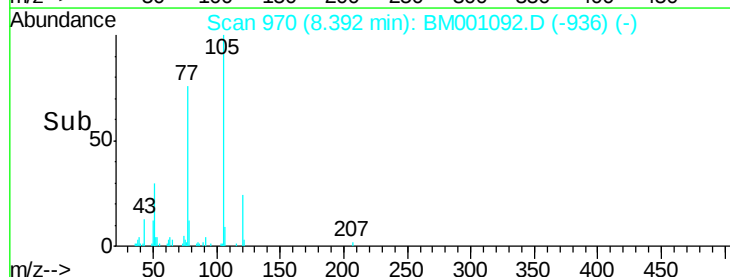
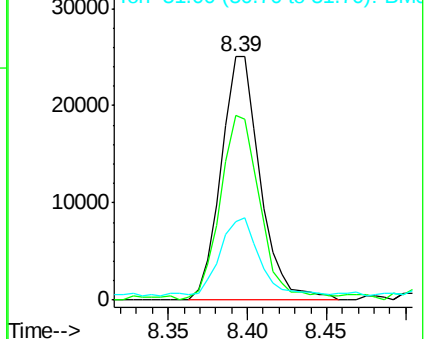
Ion	Ratio	Lower	Upper
105	100		
77	76.1	61.5	92.3
51	32.2	24.5	36.7

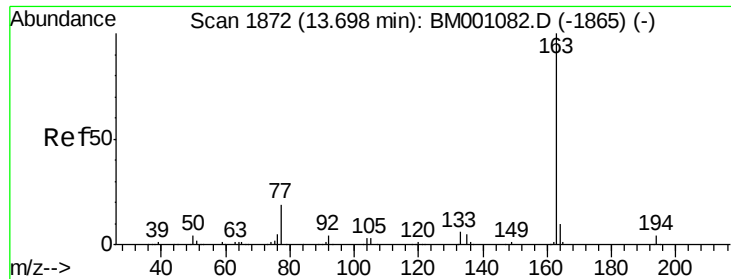


Abundance Ion 105.00 (104.70 to 105.70): BM001092.D (-936) (-)

Ion 77.00 (76.70 to 77.70): BM001092.D (-936) (-)

Ion 51.00 (50.70 to 51.70): BM001092.D (-936) (-)





#44

Dimethylphthalate

Concen: 2.07 ng/ul

RT: 13.70 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BM001092.D

Acq: 21 Apr 2015 07:35

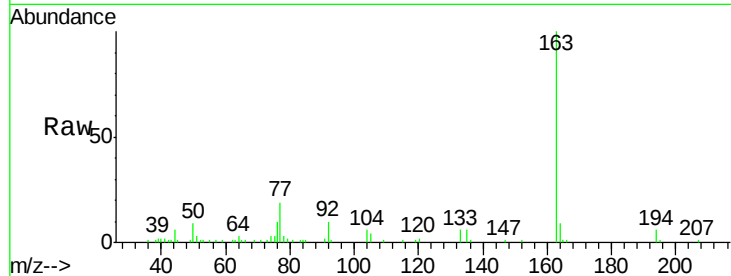
Tot Ion:163 Resp: 72584

Ion Ratio Lower Upper

163 100

194 5.9 3.0 4.4#

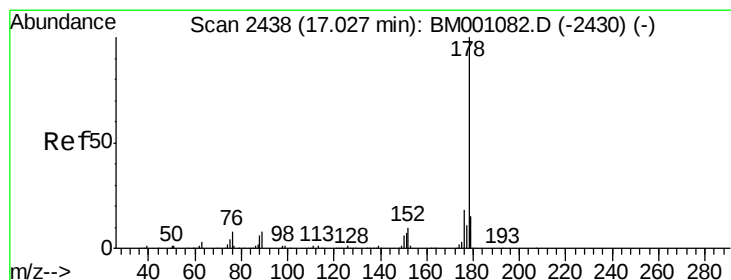
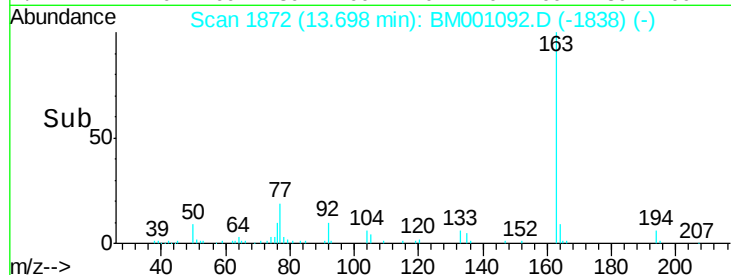
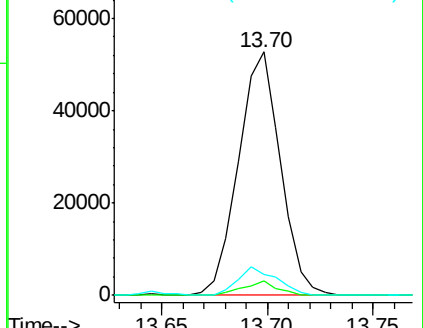
164 8.8 8.2 12.4



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: 1.37 ng/ul

RT: 17.03 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BM001092.D

Acq: 21 Apr 2015 07:35

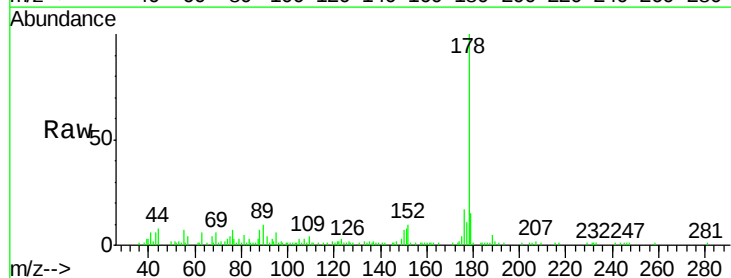
Tgt Ion:178 Resp: 75409

Ion Ratio Lower Upper

178 100

179 14.7 11.9 17.9

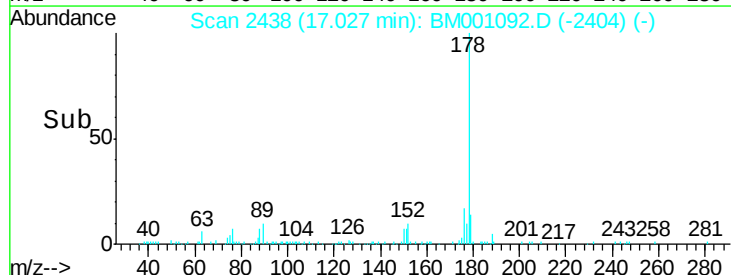
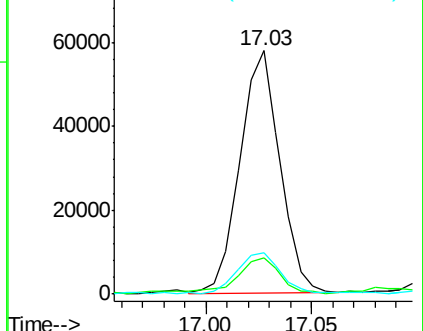
176 17.1 13.8 20.6

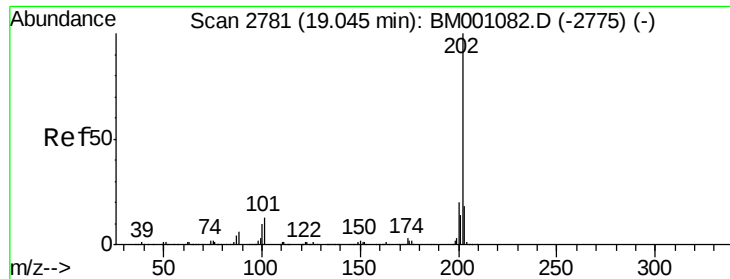


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.98 ng/ul

RT: 19.05 min Scan# 2782

Delta R.T. 0.01 min

Lab File: BM001092.D

Acq: 21 Apr 2015 07:35

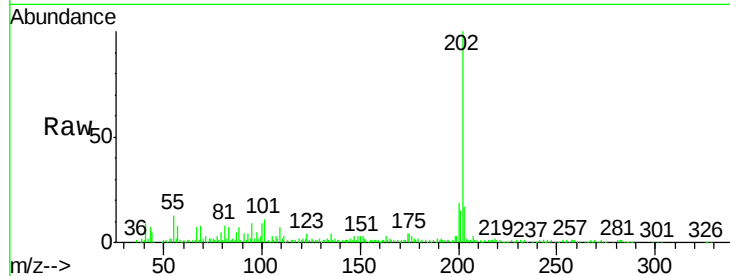
Tot Ion:202 Resp: 177091

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.6

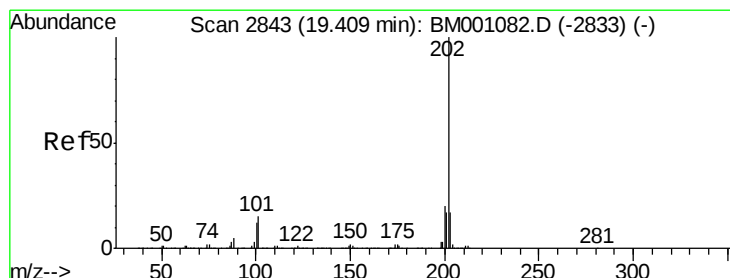
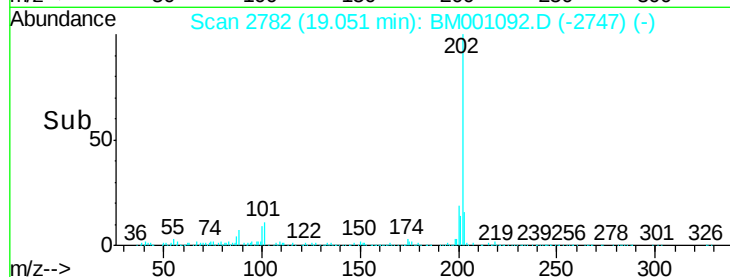
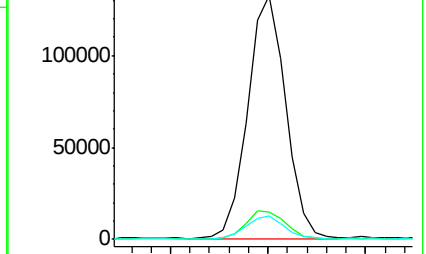
100 9.4 7.7 11.5



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



#77

Pyrene

Concen: 2.38 ng/ul

RT: 19.42 min Scan# 2844

Delta R.T. 0.01 min

Lab File: BM001092.D

Acq: 21 Apr 2015 07:35

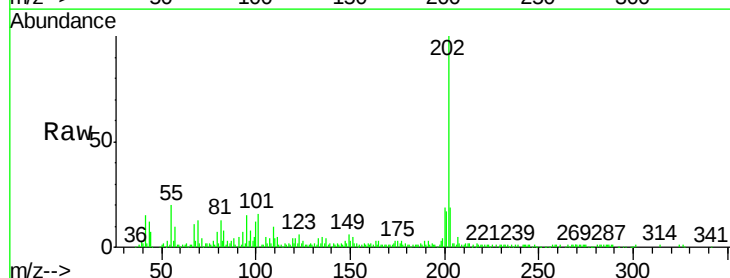
Tgt Ion:202 Resp: 146722

Ion Ratio Lower Upper

202 100

101 15.7 11.4 17.2

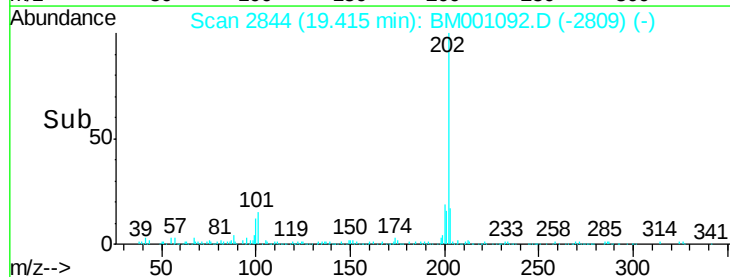
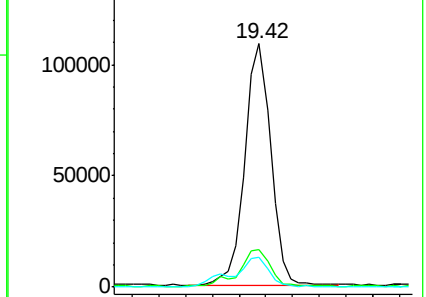
100 12.0 9.8 14.6

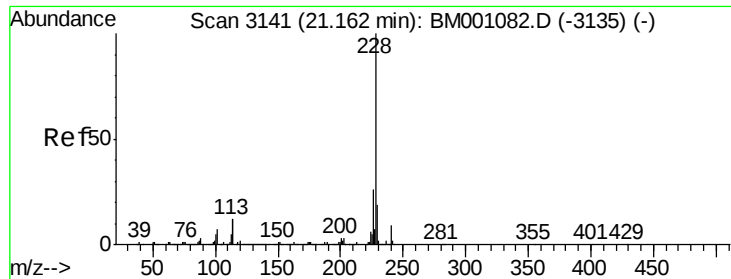


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.42 ng/ul

RT: 21.17 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BM001092.D

Acq: 21 Apr 2015 07:35

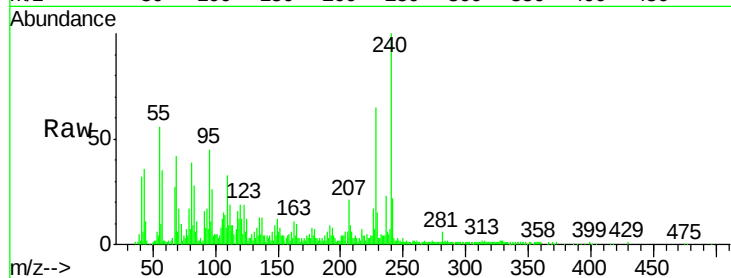
Tot Ion:228 Resp: 80241

Ion Ratio Lower Upper

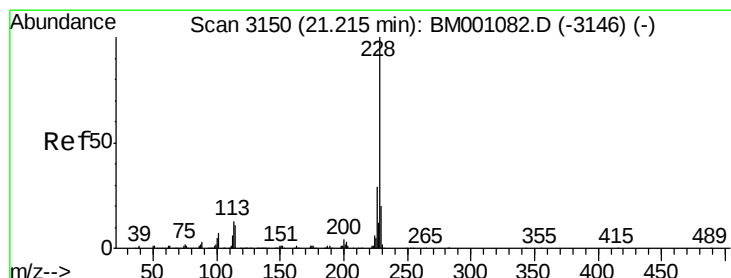
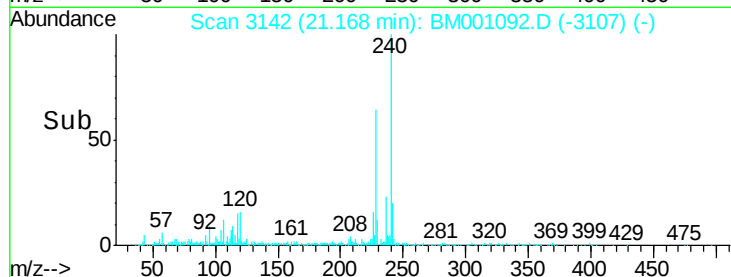
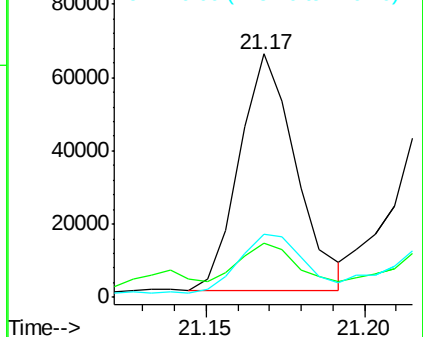
228 100

229 22.5 15.6 23.4

226 25.7 21.1 31.7



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



#82

Chrysene

Concen: 1.37 ng/ul

RT: 21.22 min Scan# 3151

Delta R.T. 0.01 min

Lab File: BM001092.D

Acq: 21 Apr 2015 07:35

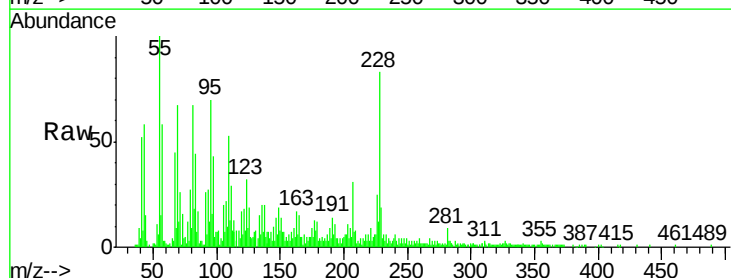
Tgt Ion:228 Resp: 73505

Ion Ratio Lower Upper

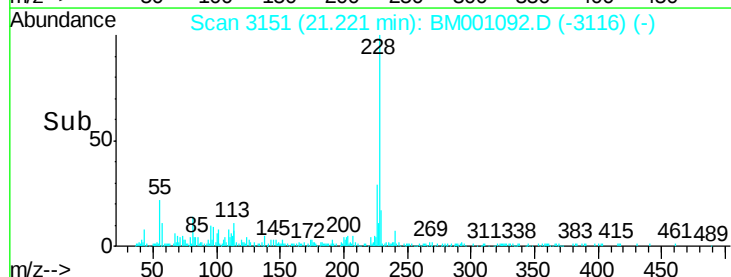
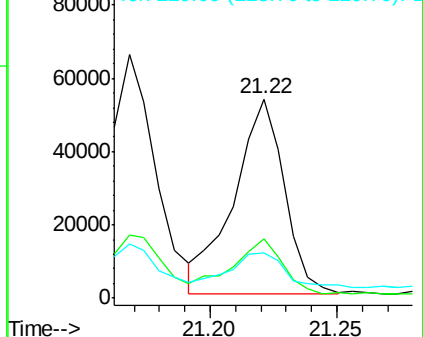
228 100

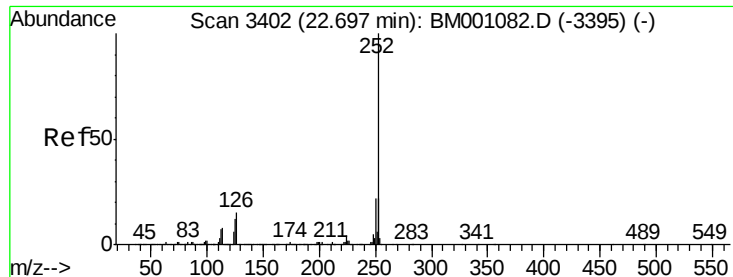
226 29.8 23.6 35.4

229 23.0 15.8 23.6



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





#85

Benzo(b)fluoranthene

Concen: 1.68 ng/ul

RT: 22.71 min Scan# 3404

Delta R.T. 0.01 min

Lab File: BM001092.D

Acq: 21 Apr 2015 07:35

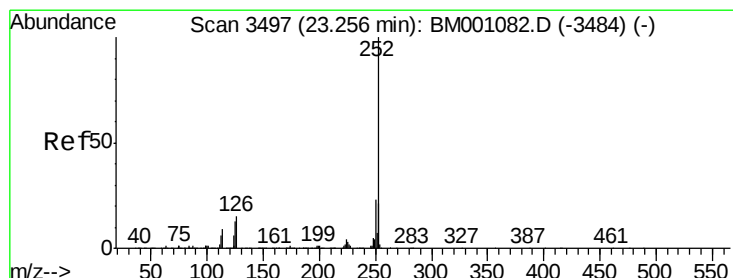
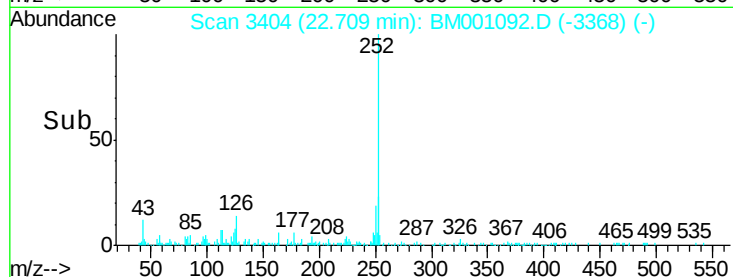
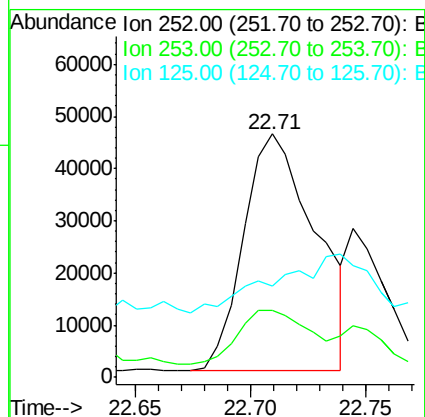
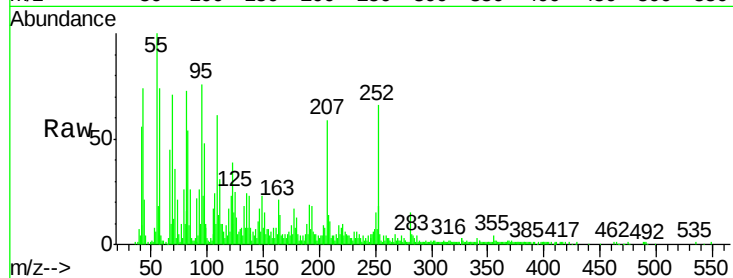
Tot Ion:252 Resp: 98256

Ion Ratio Lower Upper

252 100

253 27.6 17.3 25.9#

125 37.6 9.7 14.5#



#88

Benzo(a)pyrene

Concen: 1.13 ng/ul

RT: 23.26 min Scan# 3498

Delta R.T. 0.01 min

Lab File: BM001092.D

Acq: 21 Apr 2015 07:35

Tgt Ion:252 Resp: 61805

Ion Ratio Lower Upper

252 100

253 29.6 17.2 25.8#

125 36.0 9.7 14.5#

