

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

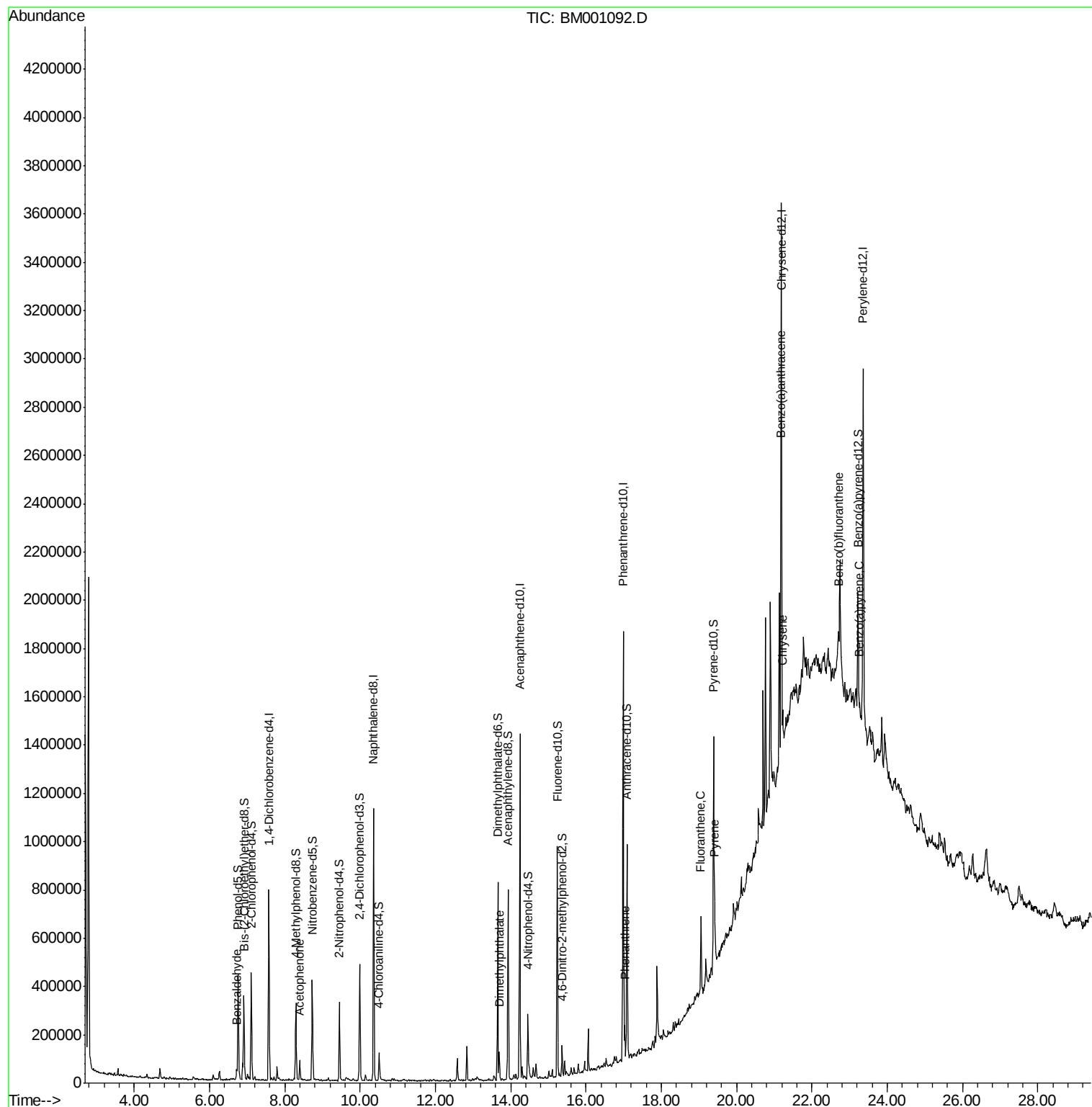
Target Compounds

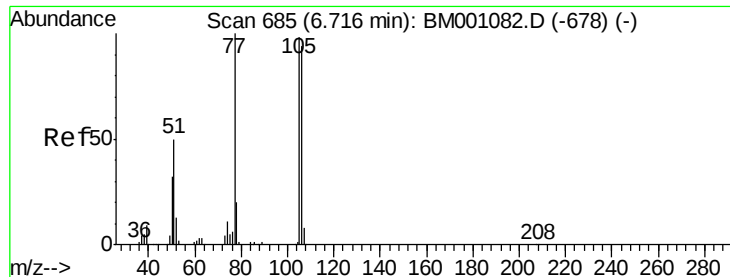
						Qvalue
4) Benzaldehyde	6.72	77	14217	1.37	ng/ul	94
14) Acetophenone	8.39	105	43027	2.08	ng/ul	99
44) Dimethylphthalate	13.70	163	72584	2.07	ng/ul#	95
69) Phenanthrene	17.03	178	75409	1.37	ng/ul	100
74) Fluoranthene	19.05	202	177091	2.98	ng/ul	98
77) Pyrene	19.42	202	146722	2.38	ng/ul	98
80) Benzo(a)anthracene	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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Quant Title : SVOA CALIBRATION
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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

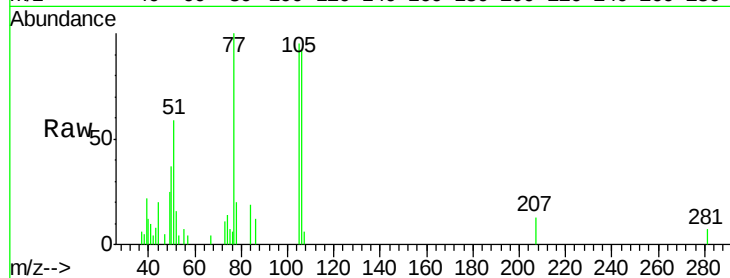
Tgt Ion: 77 Resp: 14217

Ion Ratio Lower Upper

77 100

105 95.4 81.1 121.7

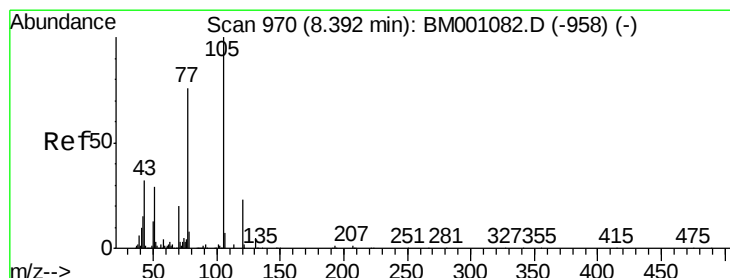
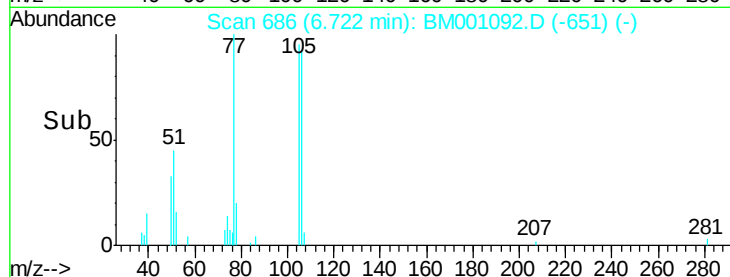
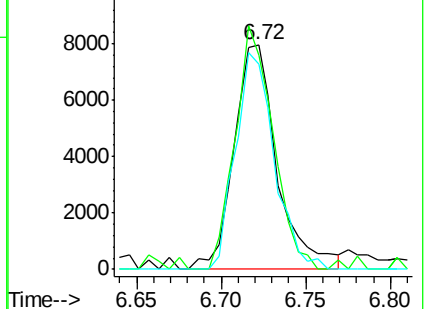
106 91.5 78.1 117.1



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

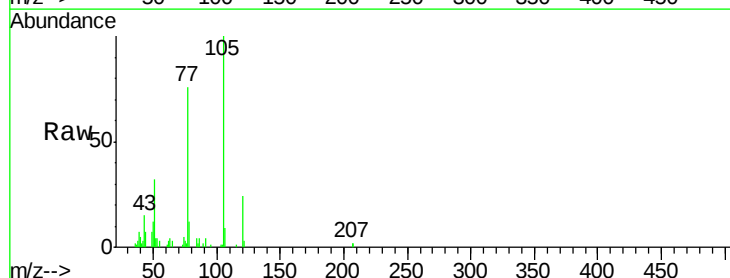
Tgt Ion: 105 Resp: 43027

Ion Ratio Lower Upper

105 100

77 76.1 61.5 92.3

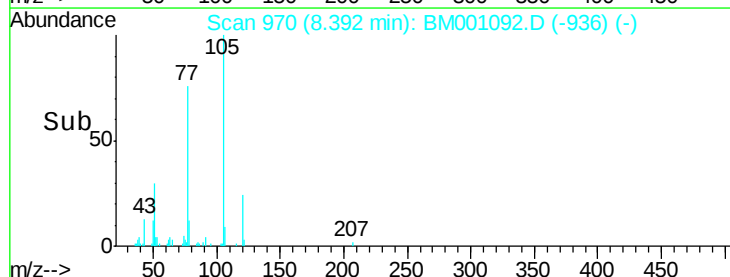
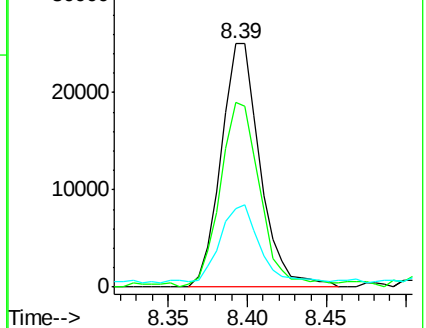
51 32.2 24.5 36.7

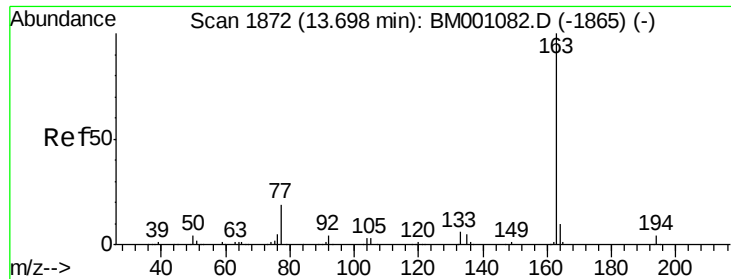


Abundance Ion 105.00 (104.70 to 105.70): BM001092.D (-936) (-)

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

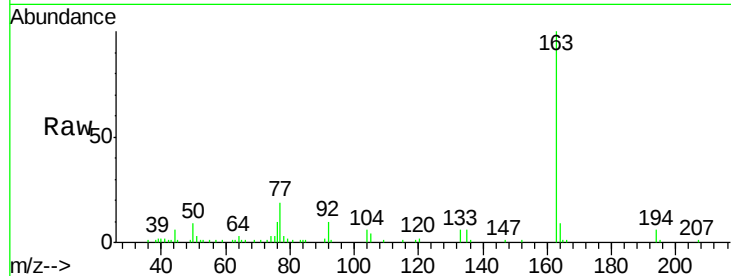
Ion 51.00 (50.70 to 51.70): BM001092.D (-936) (-)



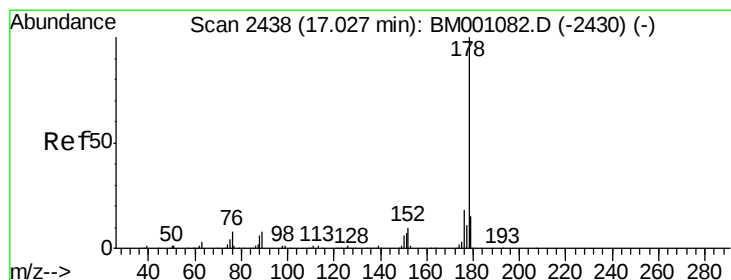
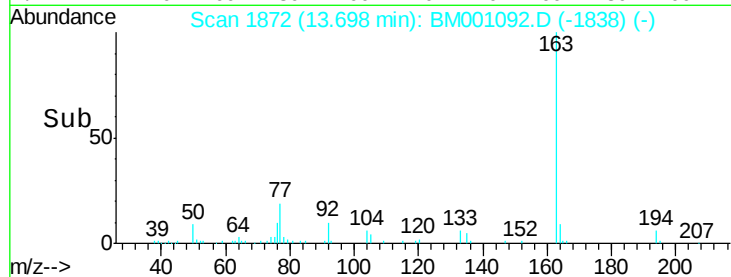
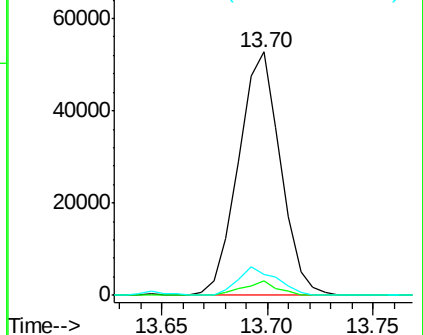


#44
Dimethylphthalate
Concen: 2.07 ng/ul
RT: 13.70 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM001092.D
Acq: 21 Apr 2015 07:35

Tgt Ion:163 Resp: 72584
Ion Ratio Lower Upper
163 100
194 5.9 3.0 4.4#
164 8.8 8.2 12.4

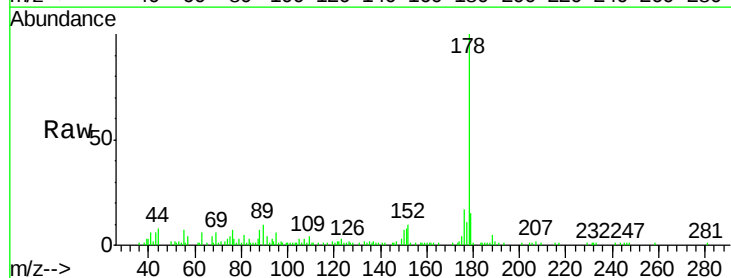


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

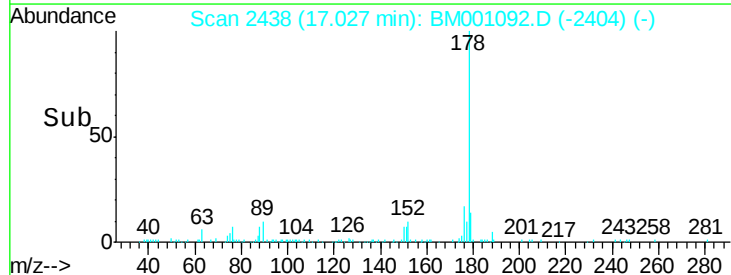
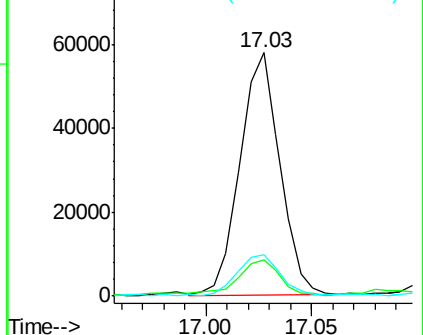


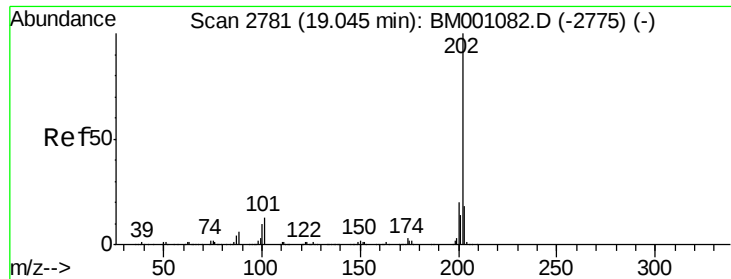
#69
Phenanthrene
Concen: 1.37 ng/ul
RT: 17.03 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BM001092.D
Acq: 21 Apr 2015 07:35

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

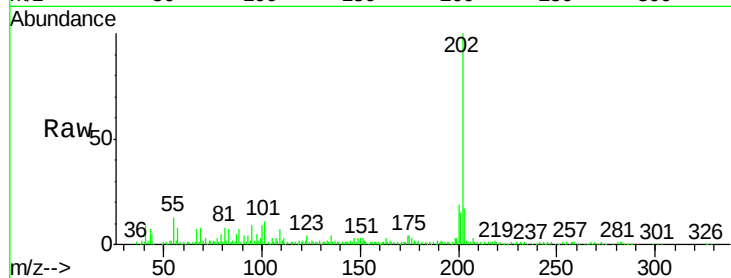
RT: 19.05 min Scan# 2782

Delta R.T. 0.01 min

Lab File: BM001092.D

Acq: 21 Apr 2015 07:35

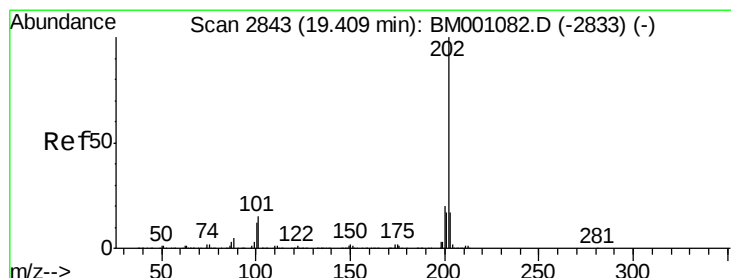
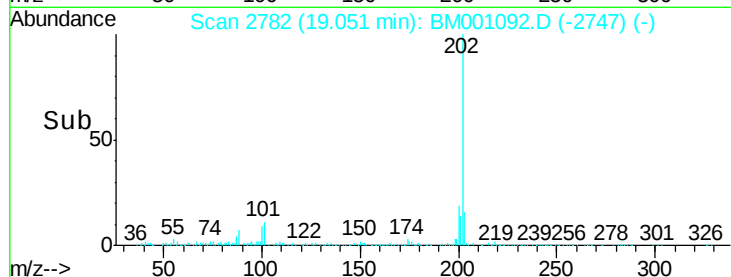
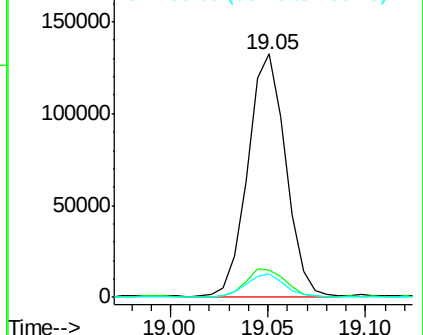
Tgt Ion:	202	Resp:	177091
Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.6
100	9.4	7.7	11.5



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

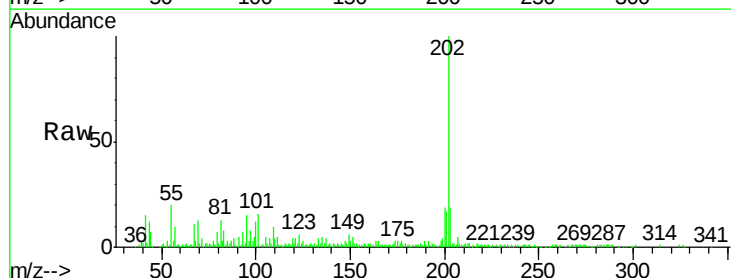
RT: 19.42 min Scan# 2844

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

