

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001093.D
 Acq On : 21 Apr 2015 08:10
 Operator : TP/IZ
 Sample : G1859-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 21 19:12:21 2015
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 16 05:47:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	226830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	953487	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.23	164	521153	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.99	188	1079211	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1058690	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	1036532	20.00	ng/ul	-0.01

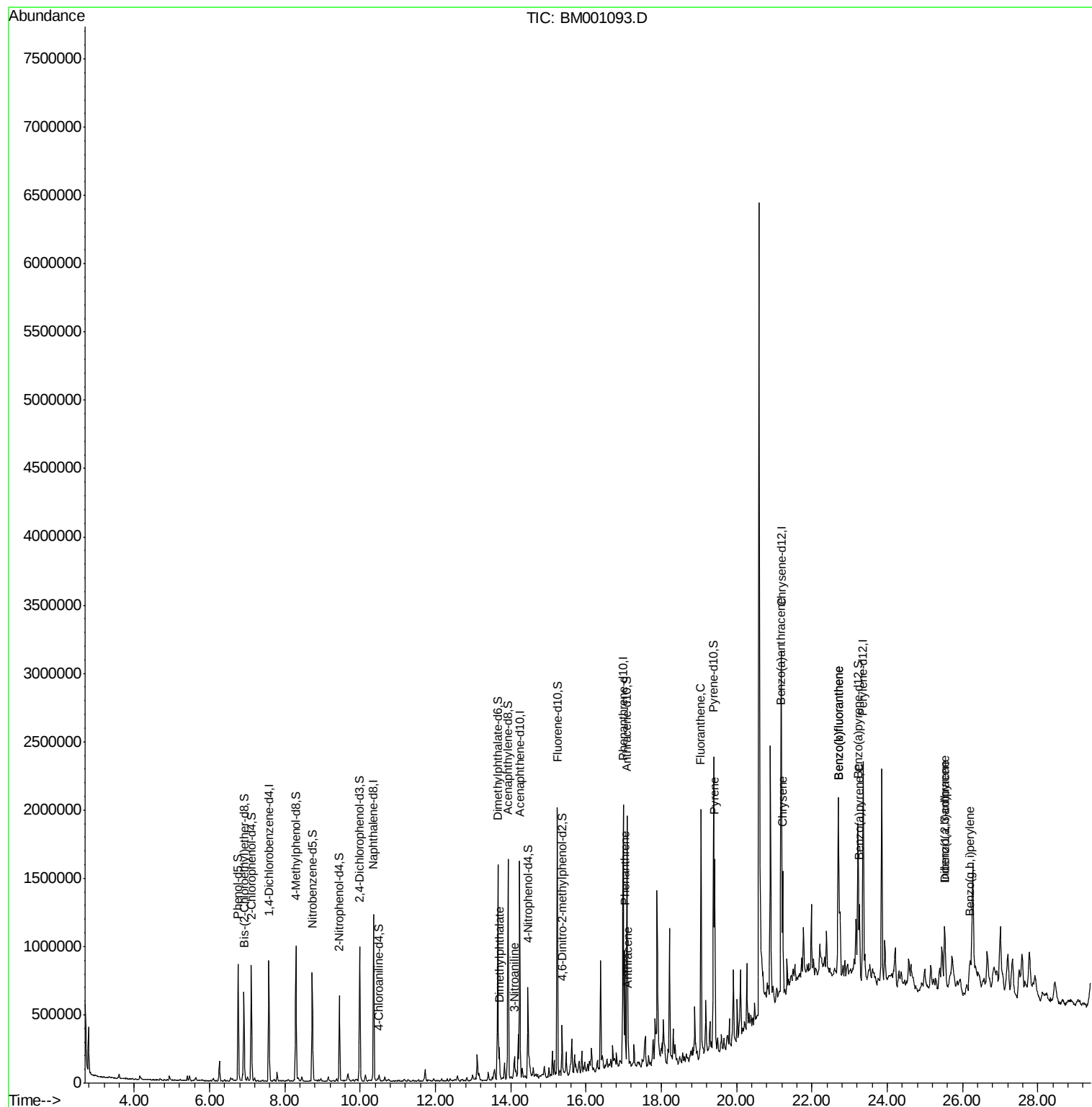
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.05	96	158	0.03	ng/uL	0.00
5) Phenol-d5	6.76	99	462075	26.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	283057	25.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	377206	26.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	357368	25.59	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	181848	28.28	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	196030	27.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	337892	24.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	20924	1.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	961540	27.69	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1127129	22.68	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.46	143	155960	23.10	ng/ul	0.00
57) Fluorene-d10	15.23	176	697922	20.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	68313	11.66	ng/ul	0.00
70) Anthracene-d10	17.08	188	942738	19.29	ng/ul	-0.01
76) Pyrene-d10	19.39	212	903472	18.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	656902	14.16	ng/ul	-0.01

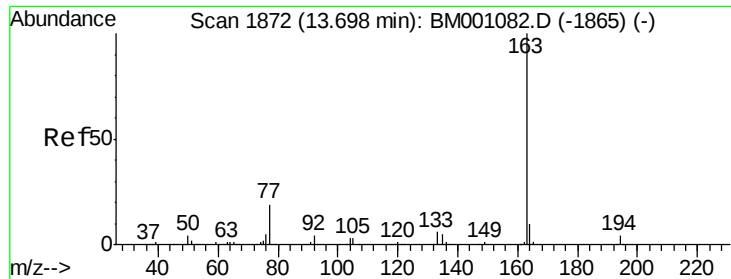
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.70	163	137728	3.54	ng/ul	99
48) 3-Nitroaniline	14.09	138	45939	6.65	ng/ul#	7
69) Phenanthrene	17.03	178	413434	6.84	ng/ul	98
71) Anthracene	17.12	178	117339	1.91	ng/ul	100
74) Fluoranthene	19.05	202	938094	14.40	ng/ul	99
77) Pyrene	19.42	202	804458	11.97	ng/ul	99
80) Benzo(a)anthracene	21.17	228	463533	7.53	ng/ul	98
82) Chrysene	21.22	228	411204	7.01	ng/ul	97
85) Benzo(b)fluoranthene	22.71	252	504998	7.90	ng/ul#	95
86) Benzo(k)fluoranthene	22.71	252	424464	7.10	ng/ul#	95
88) Benzo(a)pyrene	23.26	252	363919	6.08	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.51	276	215870	3.32	ng/ul	95
90) Dibenzo(a,h)anthracene	25.53	278	54885	1.00	ng/ul#	67
91) Benzo(g,h,i)perylene	26.19	276	195974	3.56	ng/ul	96

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

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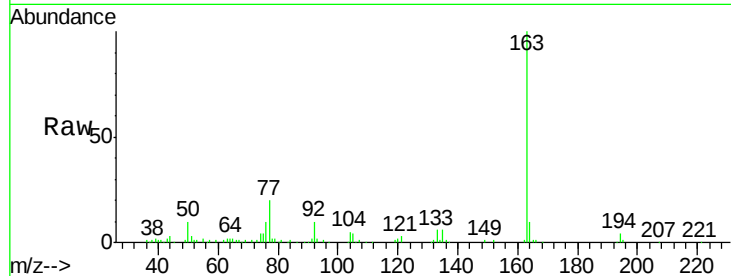
Quant Time: Apr 21 19:12:21 2015
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION
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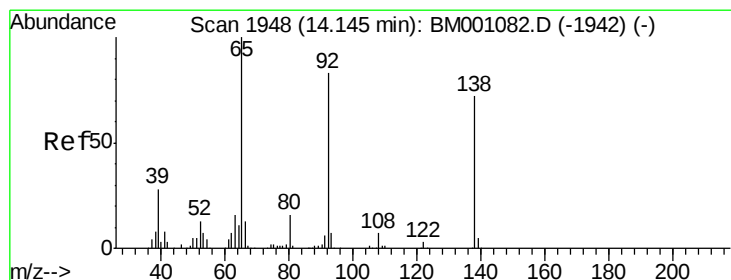
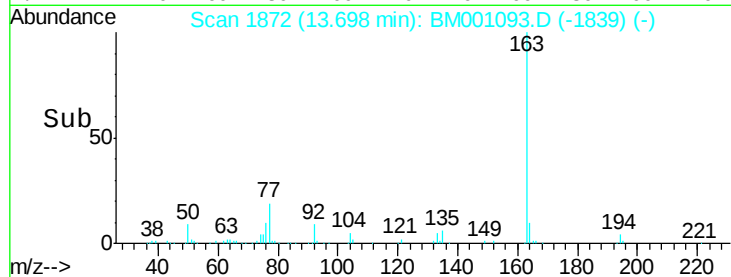
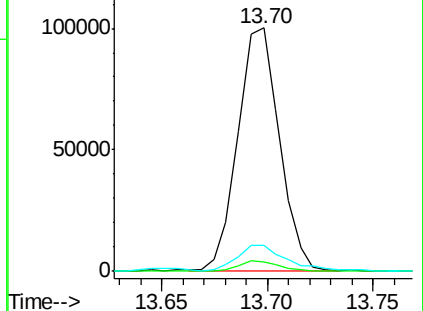


#44
Dimethylphthalate
Concen: 3.54 ng/ul
RT: 13.70 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BM001093.D
Acq: 21 Apr 2015 08:10

Tot Ion:163 Resp: 137728
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.5 8.2 12.4

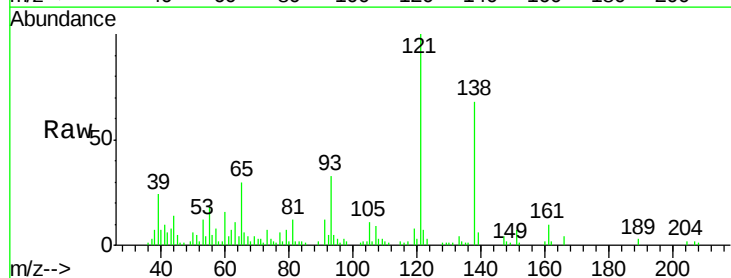


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

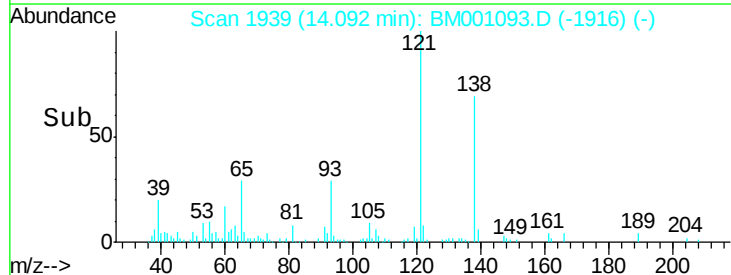
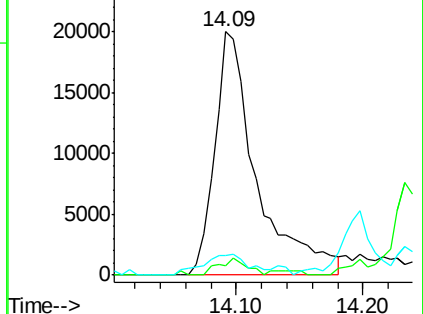


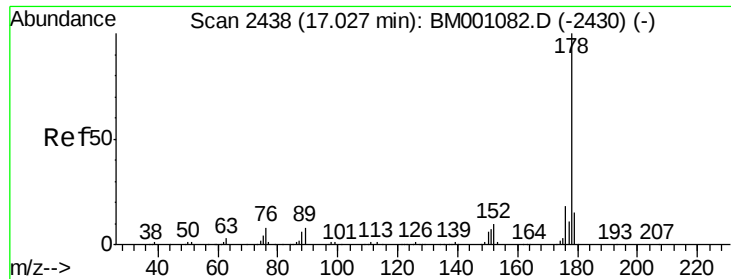
#48
3-Nitroaniline
Concen: 6.65 ng/ul
RT: 14.09 min Scan# 1939
Delta R.T. -0.06 min
Lab File: BM001093.D
Acq: 21 Apr 2015 08:10

Tgt Ion:138 Resp: 45939
Ion Ratio Lower Upper
138 100
108 3.8 7.8 11.8#
92 7.9 92.5 138.7#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM





#69

Phenanthrene

Concen: 6.84 ng/ul

RT: 17.03 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BM001093.D

Acq: 21 Apr 2015 08:10

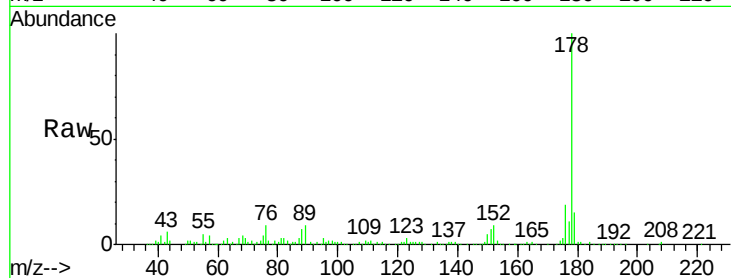
Tot Ion:178 Resp: 413434

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

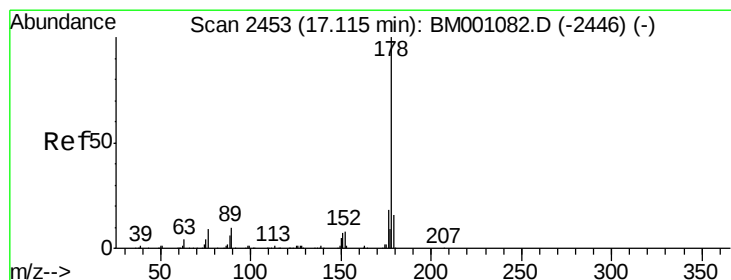
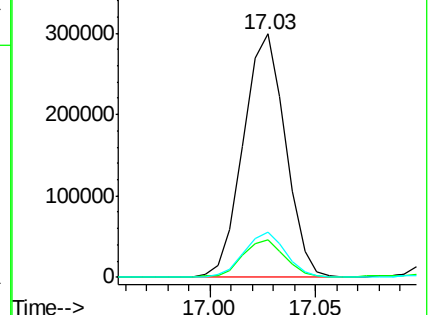
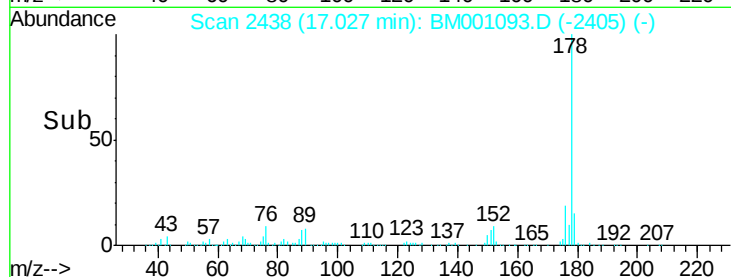
176 18.5 13.8 20.6



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



#71

Anthracene

Concen: 1.91 ng/ul

RT: 17.12 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BM001093.D

Acq: 21 Apr 2015 08:10

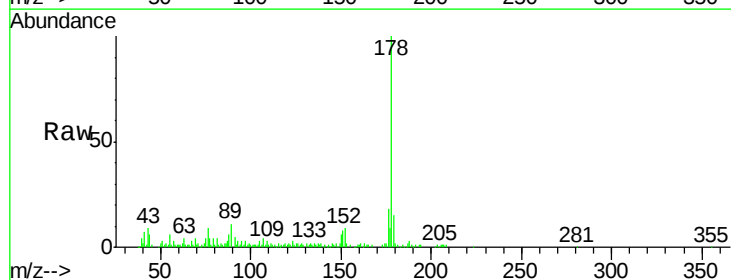
Tgt Ion:178 Resp: 117339

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

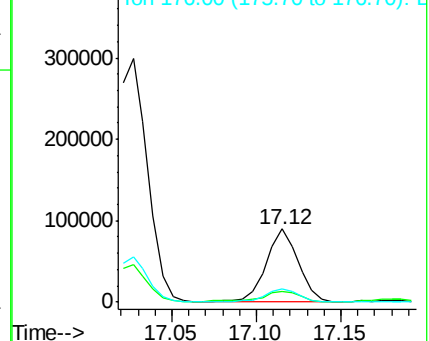
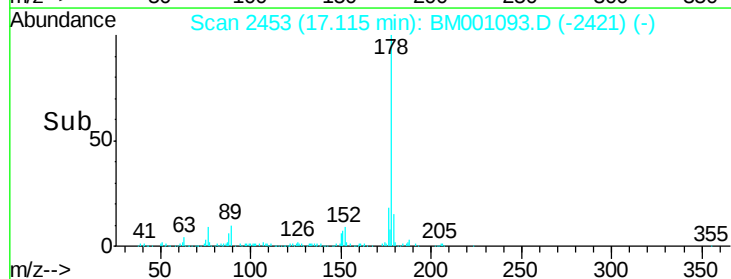
176 18.2 14.6 21.8

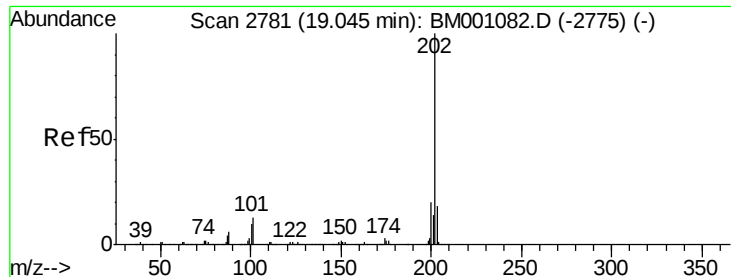


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 14.40 ng/ul

RT: 19.05 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BM001093.D

Acq: 21 Apr 2015 08:10

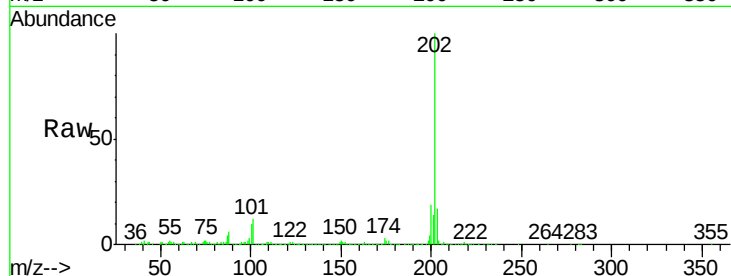
Tot Ion:202 Resp: 938094

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.6

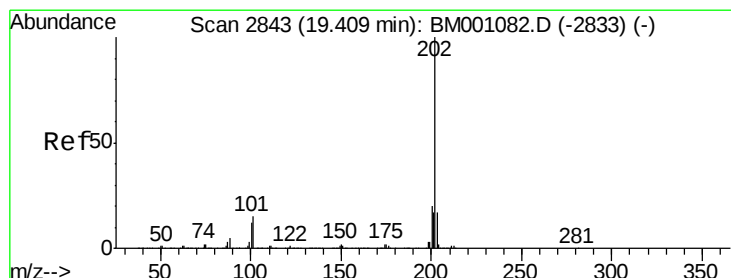
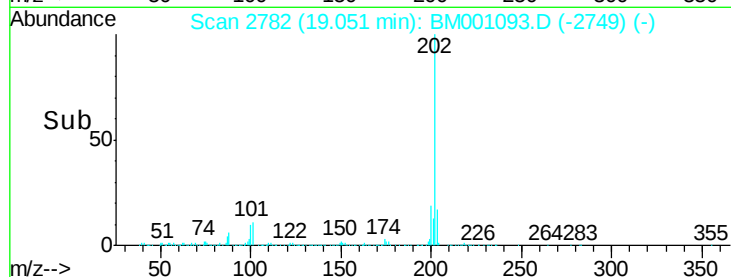
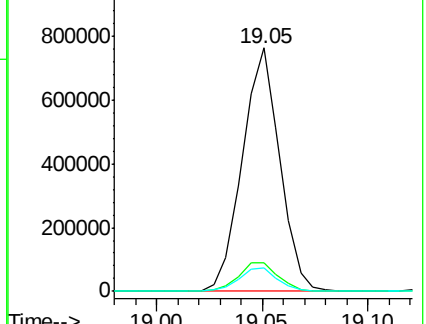
100 9.6 7.7 11.5



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: 11.97 ng/ul

RT: 19.42 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BM001093.D

Acq: 21 Apr 2015 08:10

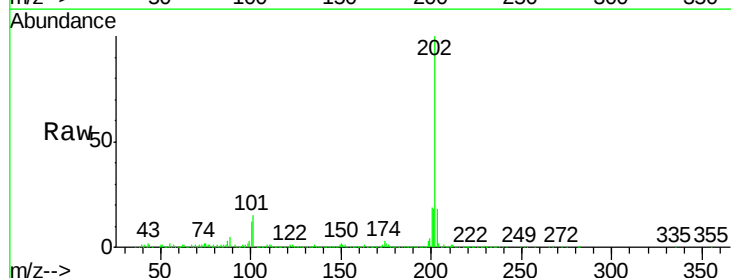
Tgt Ion:202 Resp: 804458

Ion Ratio Lower Upper

202 100

101 14.6 11.4 17.2

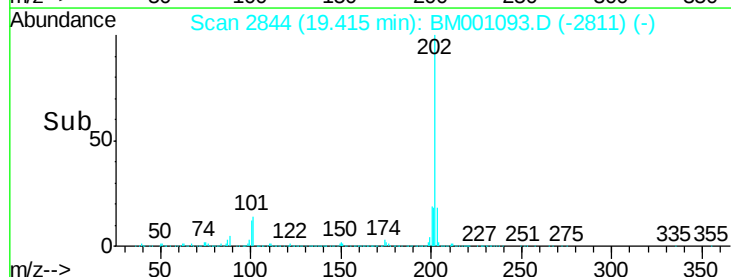
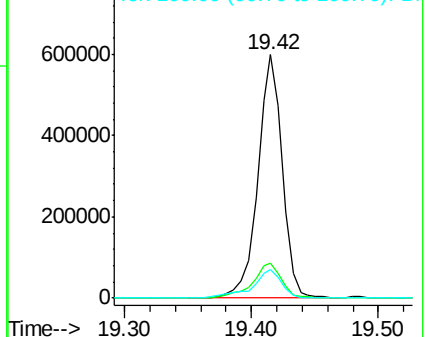
100 11.6 9.8 14.6

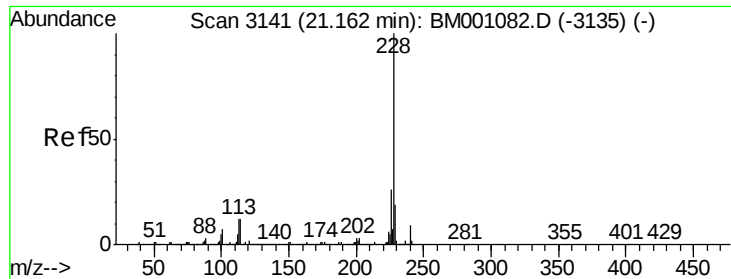


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

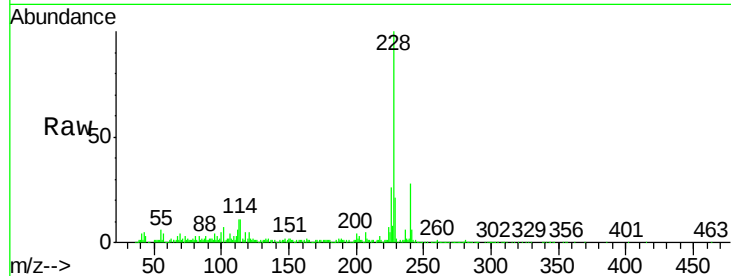
Ion 100.00 (99.70 to 100.70): B



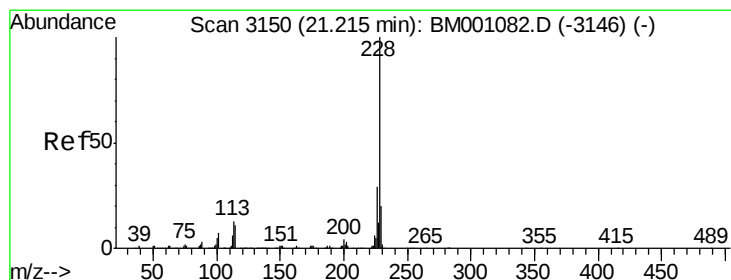
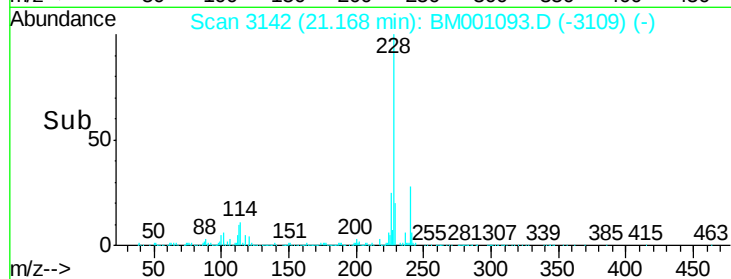
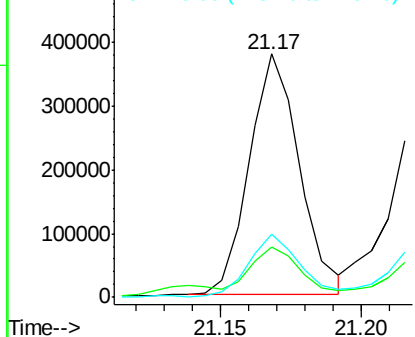


#80
Benzo(a)anthracene
Concen: 7.53 ng/ul
RT: 21.17 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM001093.D
Acq: 21 Apr 2015 08:10

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	25.9	21.1	31.7

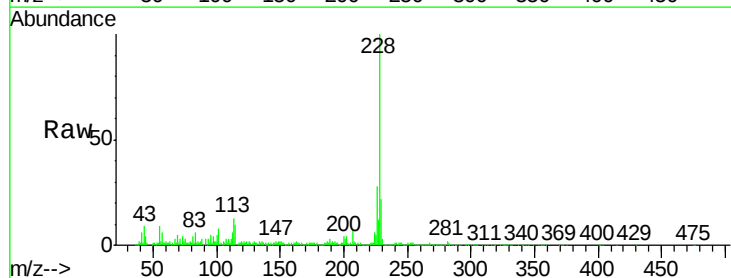


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

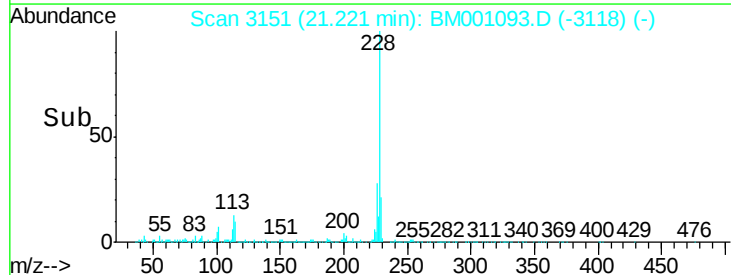
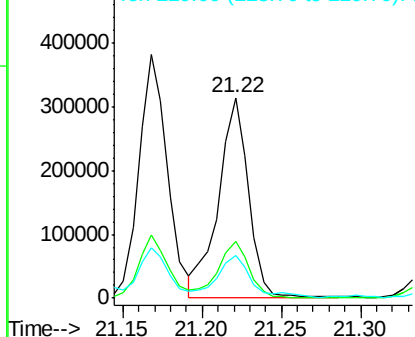


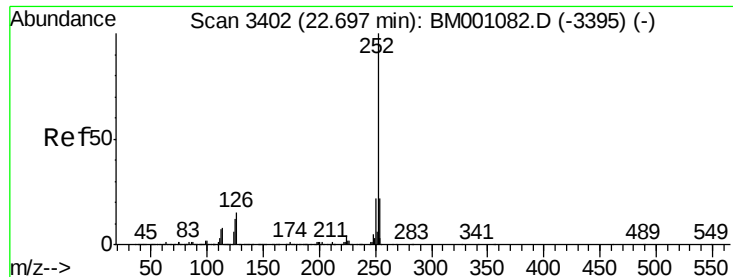
#82
Chrysene
Concen: 7.01 ng/ul
RT: 21.22 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BM001093.D
Acq: 21 Apr 2015 08:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.6	35.4
229	21.5	15.8	23.6



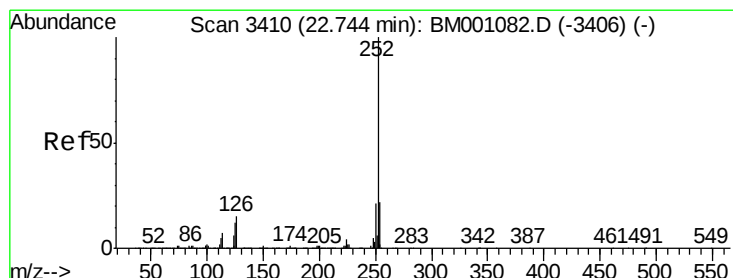
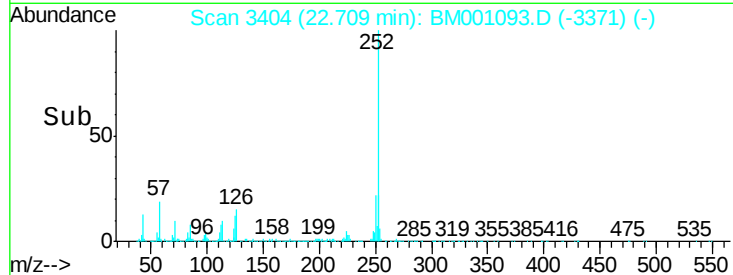
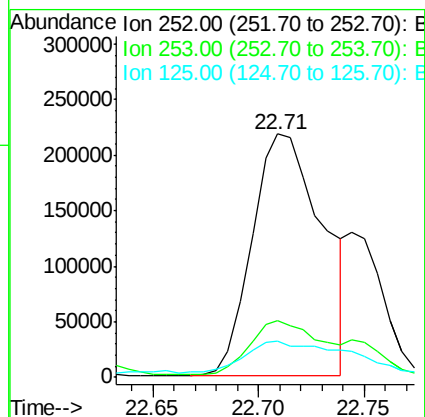
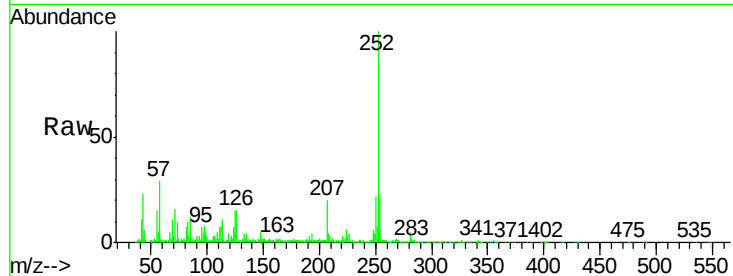
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





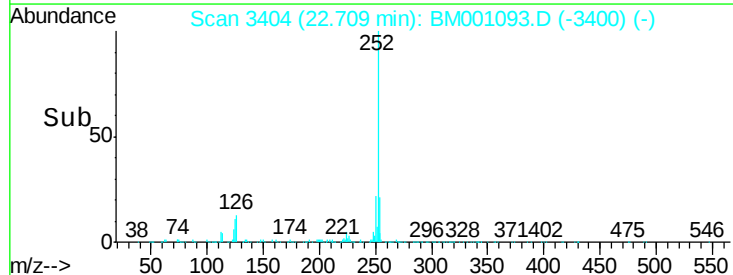
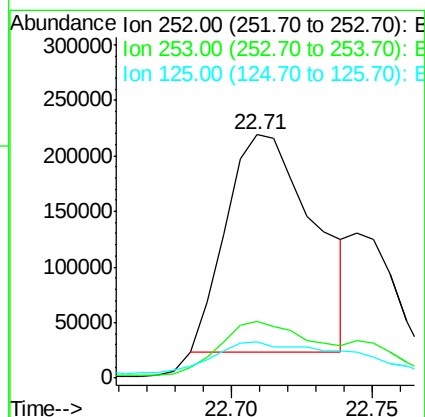
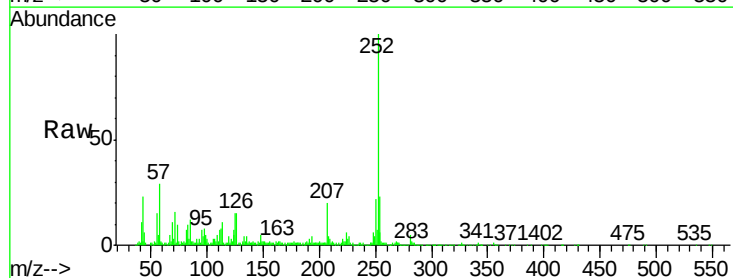
#85
Benzo(b)fluoranthene
Concen: 7.90 ng/ul
RT: 22.71 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM001093.D
Acq: 21 Apr 2015 08:10

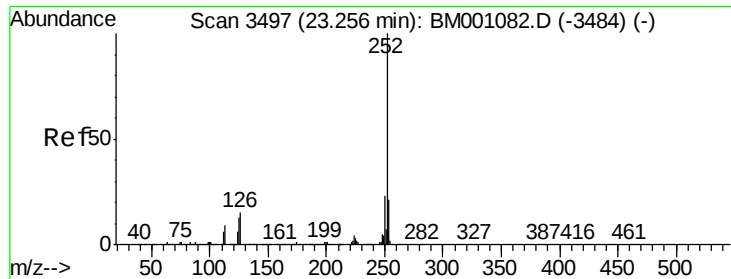
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	14.7	9.7	14.5



#86
Benzo(k)fluoranthene
Concen: 7.10 ng/ul
RT: 22.71 min Scan# 3404
Delta R.T. -0.05 min
Lab File: BM001093.D
Acq: 21 Apr 2015 08:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	14.7	9.3	13.9





#88

Benzo(a)pyrene

Concen: 6.08 ng/ul

RT: 23.26 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BM001093.D

Acq: 21 Apr 2015 08:10

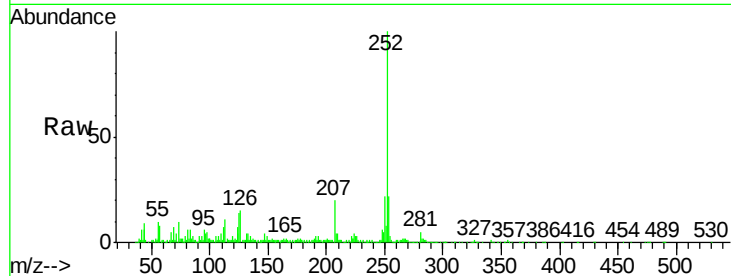
Tot Ion:252 Resp: 363919

Ion Ratio Lower Upper

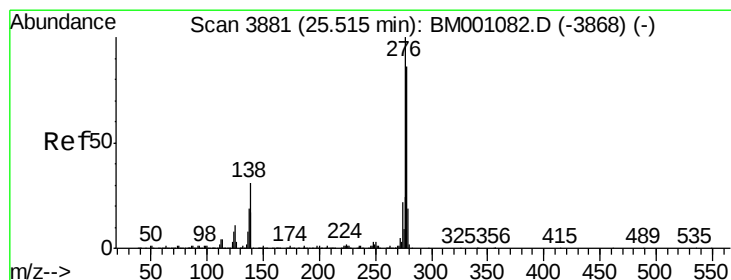
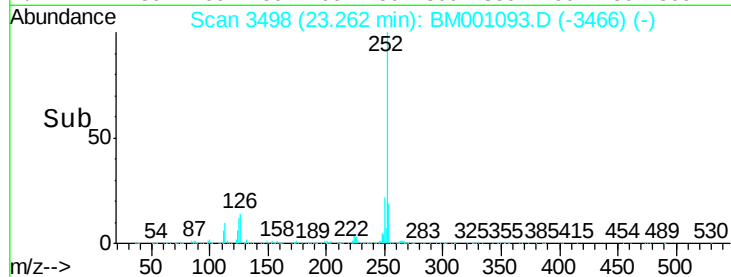
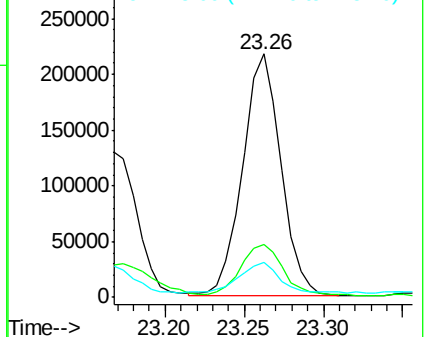
252 100

253 21.8 17.2 25.8

125 14.3 9.7 14.5



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 3.32 ng/ul

RT: 25.51 min Scan# 3881

Delta R.T. -0.02 min

Lab File: BM001093.D

Acq: 21 Apr 2015 08:10

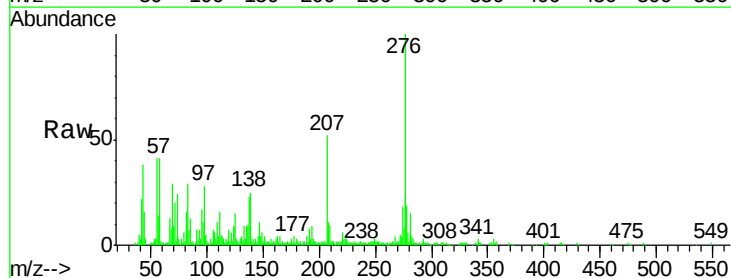
Tgt Ion:276 Resp: 215870

Ion Ratio Lower Upper

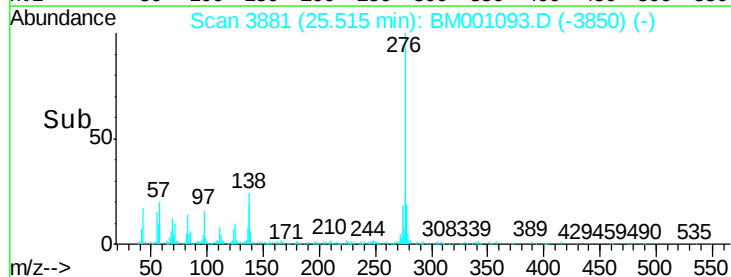
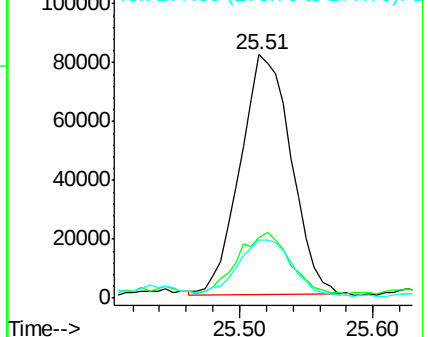
276 100

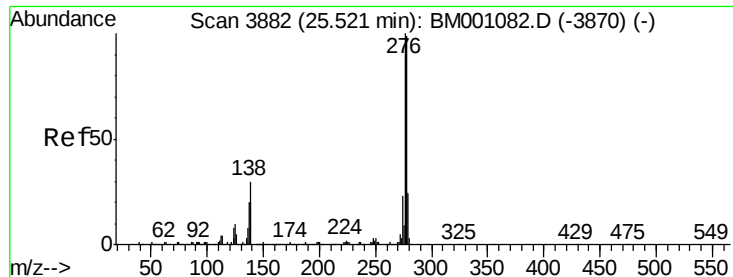
138 24.7 23.2 34.8

277 23.8 19.6 29.4



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





#90

Dibenzo(a,h)anthracene

Concen: 1.00 ng/ul

RT: 25.53 min Scan# 3883

Delta R.T. -0.02 min

Lab File: BM001093.D

Acq: 21 Apr 2015 08:10

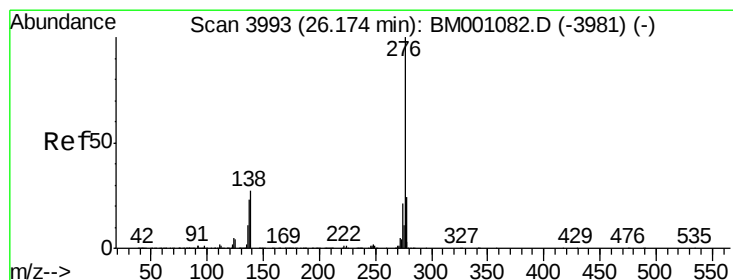
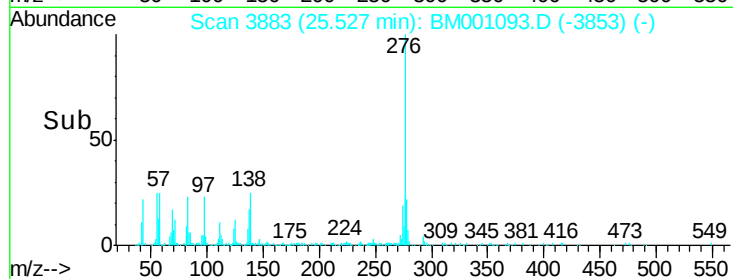
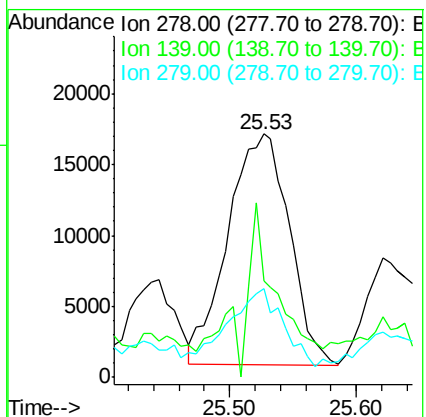
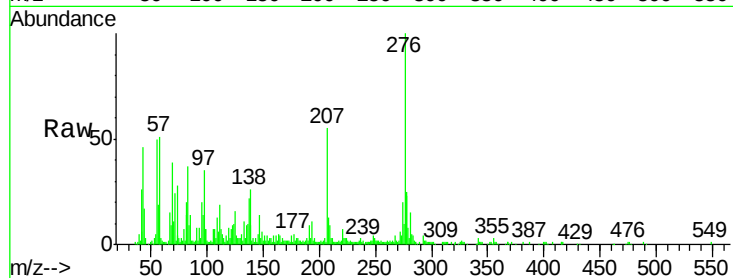
Tot Ion:278 Resp: 54885

Ion Ratio Lower Upper

278 100

139 39.7 15.3 22.9#

279 36.4 19.8 29.6#



#91

Benzo(g,h,i)perylene

Concen: 3.56 ng/ul

RT: 26.19 min Scan# 3995

Delta R.T. -0.02 min

Lab File: BM001093.D

Acq: 21 Apr 2015 08:10

Tgt Ion:276 Resp: 195974

Ion Ratio Lower Upper

276 100

138 23.8 20.8 31.2

277 25.0 18.2 27.4

