

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001095.D
 Acq On : 21 Apr 2015 09:22
 Operator : TP/IZ
 Sample : G1859-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 21 19:12:38 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	221342	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	881581	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.23	164	464788	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.99	188	974334	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1027271	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	1027442	20.00	ng/ul	-0.01

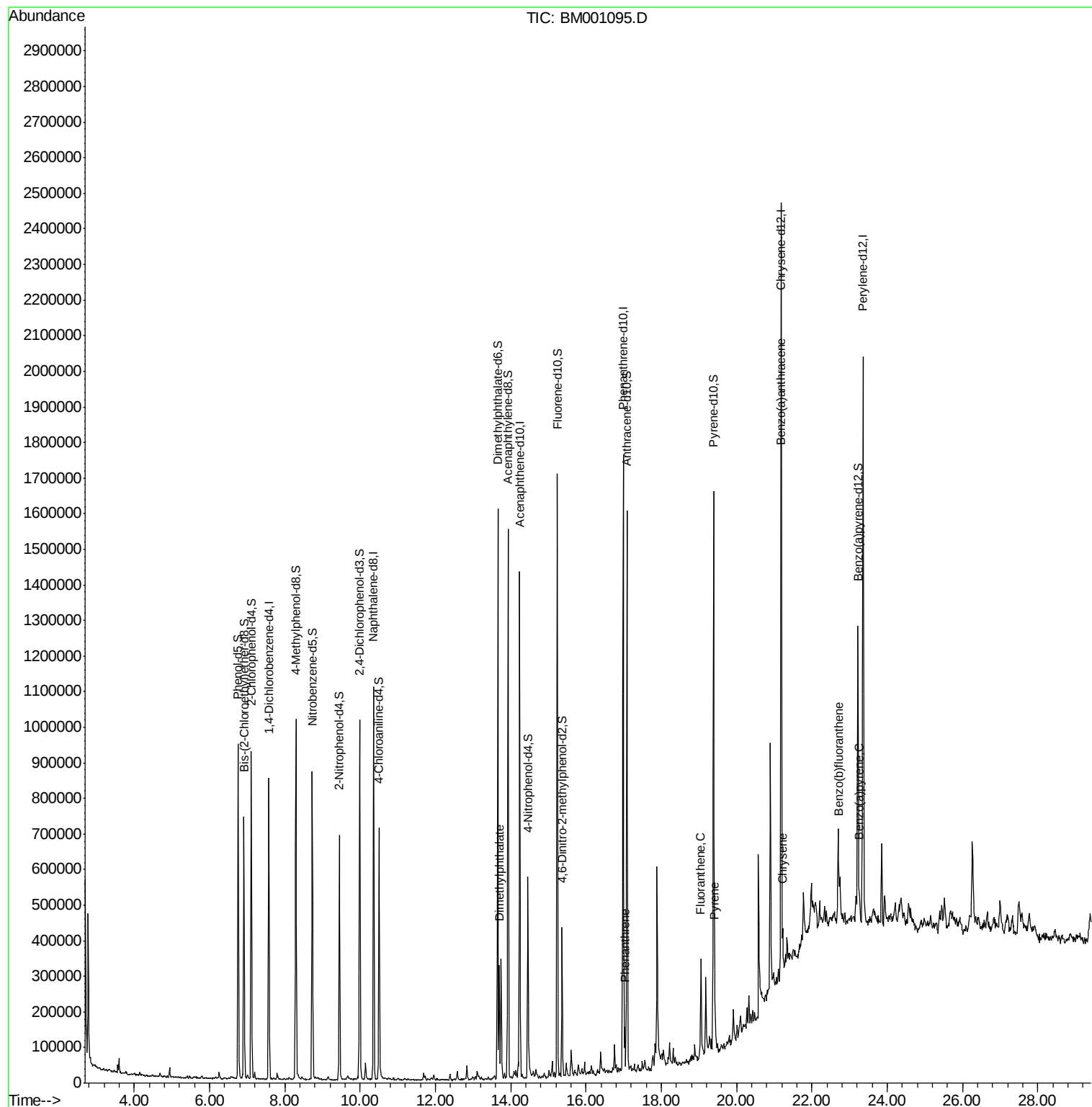
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.04	96	138	0.03	ng/uL	0.00
5) Phenol-d5	6.76	99	505905	29.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	323982	30.12	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.11	132	408239	29.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	369912	27.15	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	196204	33.01	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	212562	32.02	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.99	165	353004	27.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	370170	29.35	ng/ul	-0.01
43) Dimethylphthalate-d6	13.65	166	1009799	32.61	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1079298	24.35	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.46	143	138530	23.01	ng/ul	0.00
57) Fluorene-d10	15.23	176	632206	20.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	76406	14.44	ng/ul	0.00
70) Anthracene-d10	17.08	188	808474	18.33	ng/ul	-0.01
76) Pyrene-d10	19.39	212	727250	15.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	486229	10.57	ng/ul	-0.01

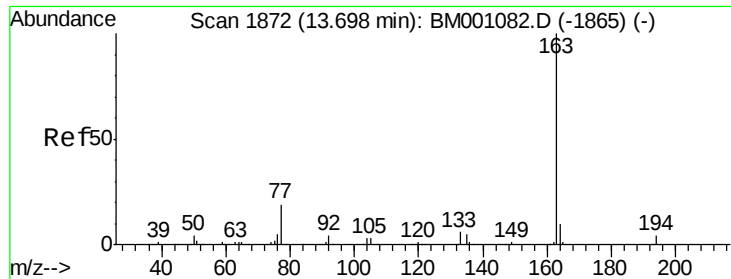
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	13.70	163	194474	5.60	ng/ul	97
69) Phenanthrene	17.03	178	56174	1.03	ng/ul	96
74) Fluoranthene	19.05	202	135772	2.31	ng/ul	98
77) Pyrene	19.42	202	121646	1.86	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	71054	1.19	ng/ul	97
82) Chrysene	21.22	228	64121	1.13	ng/ul	99
85) Benzo(b)fluoranthene	22.71	252	78909	1.25	ng/ul#	82
88) Benzo(a)pyrene	23.26	252	61107	1.03	ng/ul#	89

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

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#44

Dimethylphthalate

Concen: 5.60 ng/ul

RT: 13.70 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM001095.D

Acq: 21 Apr 2015 09:22

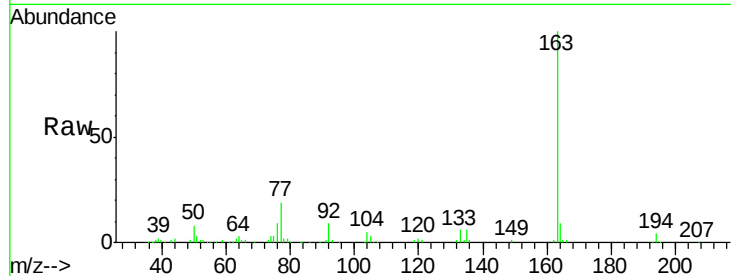
Tot Ion:163 Resp: 194474

Ion Ratio Lower Upper

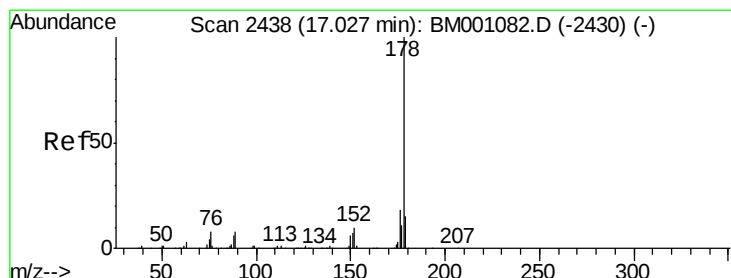
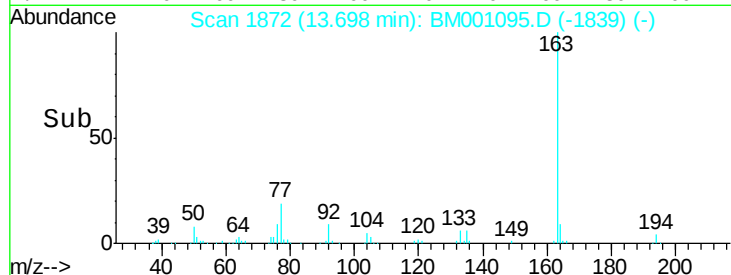
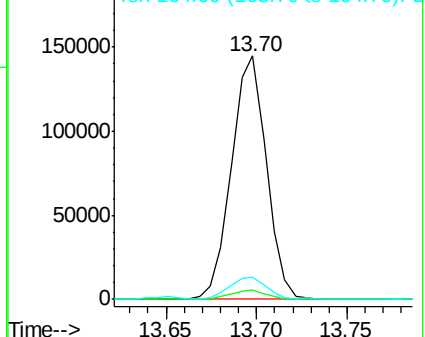
163 100

194 4.0 3.0 4.4

164 9.0 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: 1.03 ng/ul

RT: 17.03 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BM001095.D

Acq: 21 Apr 2015 09:22

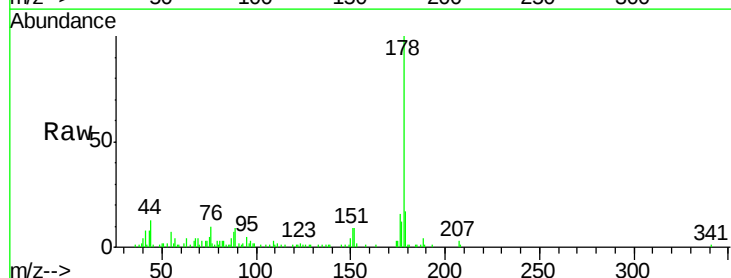
Tgt Ion:178 Resp: 56174

Ion Ratio Lower Upper

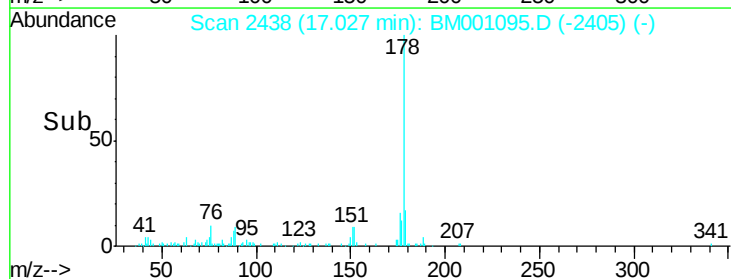
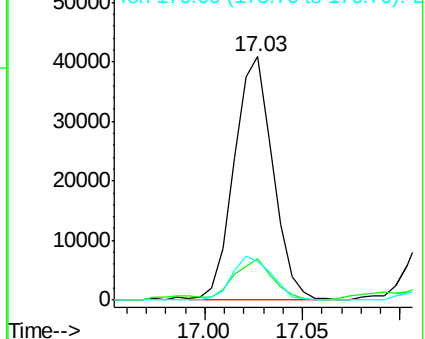
178 100

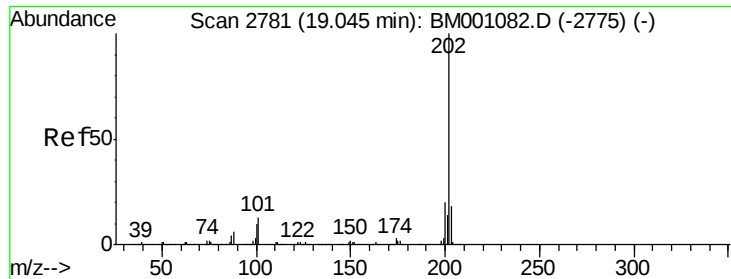
179 16.8 11.9 17.9

176 15.7 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: 2.31 ng/ul

RT: 19.05 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BM001095.D

Acq: 21 Apr 2015 09:22

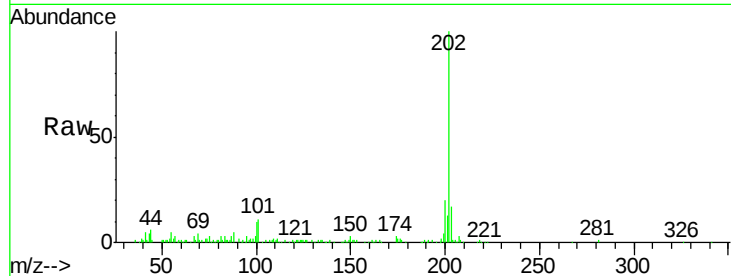
Tot Ion:202 Resp: 135772

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.6

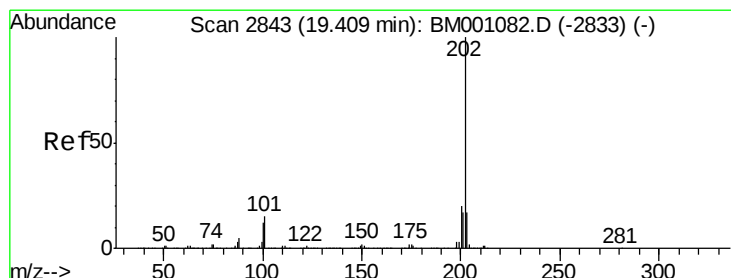
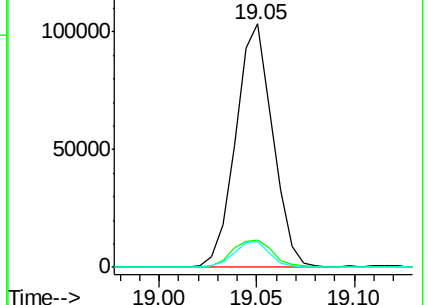
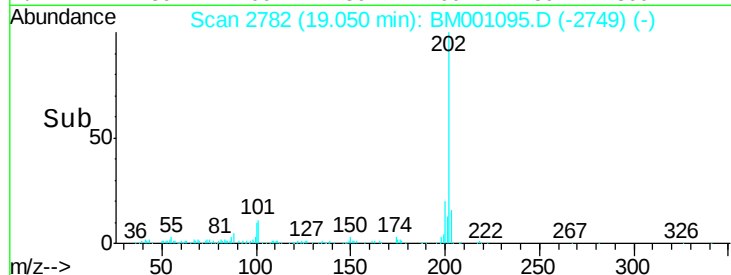
100 10.5 7.7 11.5



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: 1.86 ng/ul

RT: 19.42 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BM001095.D

Acq: 21 Apr 2015 09:22

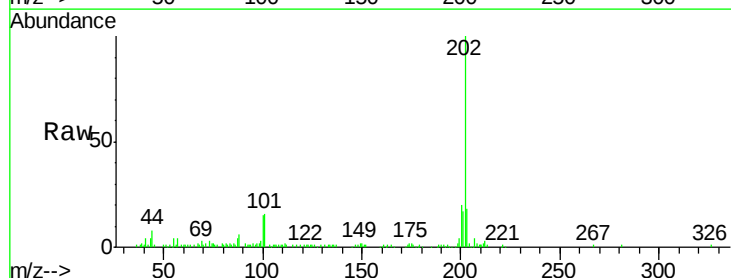
Tgt Ion:202 Resp: 121646

Ion Ratio Lower Upper

202 100

101 15.6 11.4 17.2

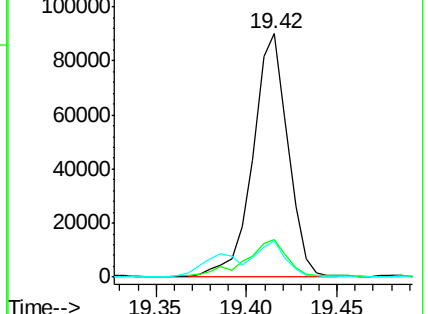
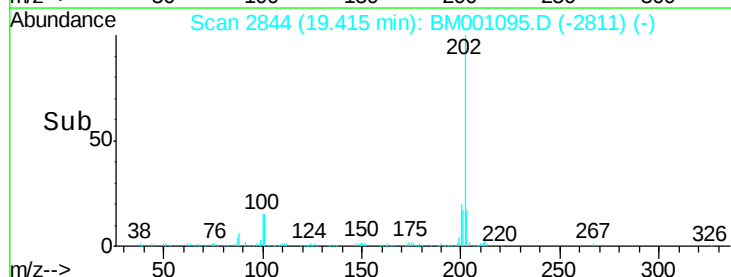
100 14.7 9.8 14.6#

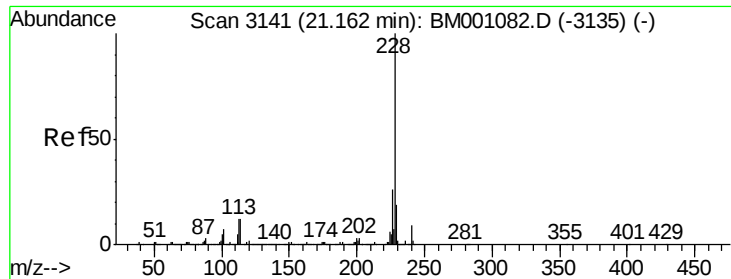


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

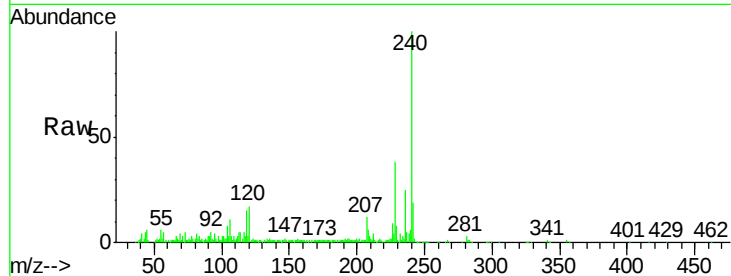
Ion 100.00 (99.70 to 100.70): B



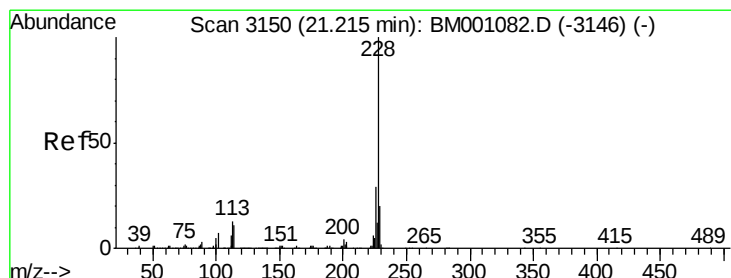
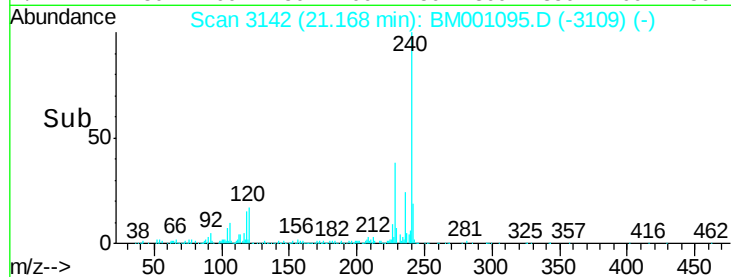
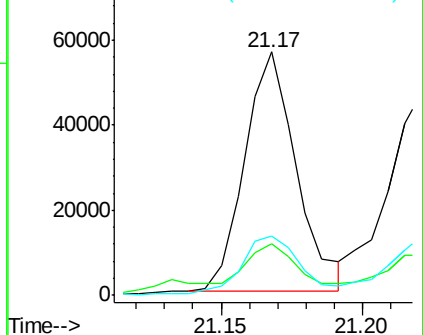


#80
Benzo(a)anthracene
Concen: 1.19 ng/ul
RT: 21.17 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM001095.D
Acq: 21 Apr 2015 09:22

Tot Ion:228 Resp: 71054
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 24.6 21.1 31.7

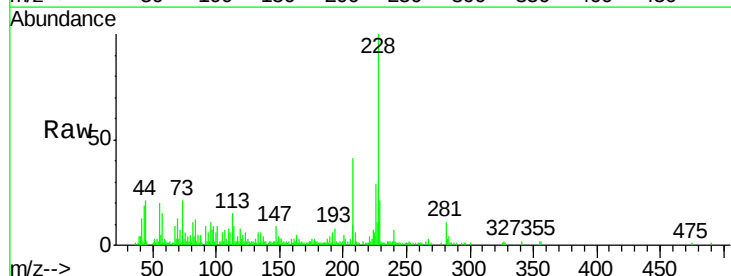


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

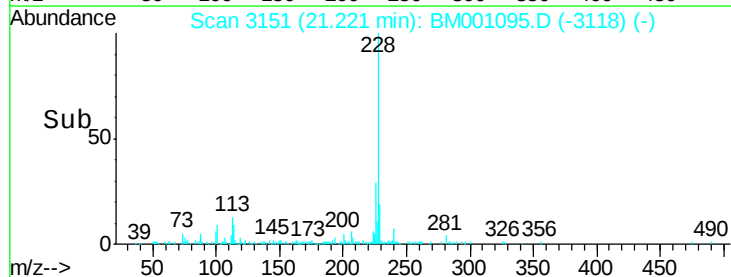
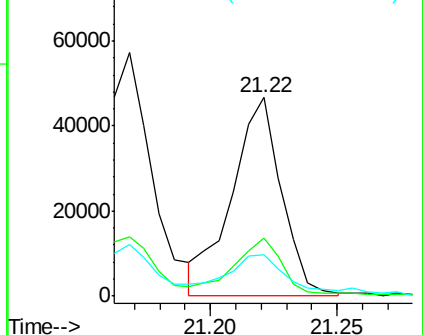


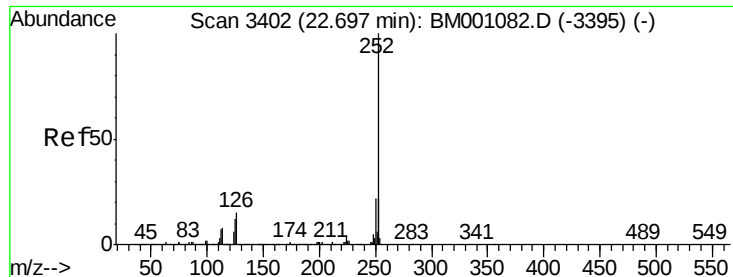
#82
Chrysene
Concen: 1.13 ng/ul
RT: 21.22 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BM001095.D
Acq: 21 Apr 2015 09:22

Tgt Ion:228 Resp: 64121
Ion Ratio Lower Upper
228 100
226 29.0 23.6 35.4
229 20.6 15.8 23.6



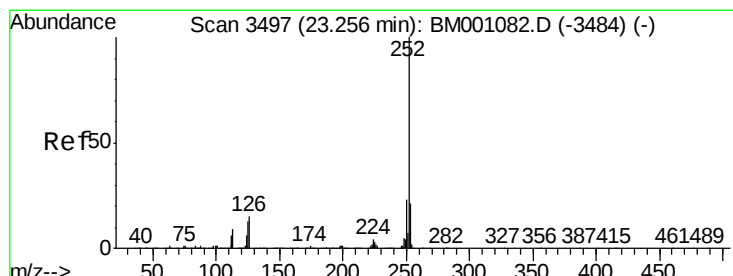
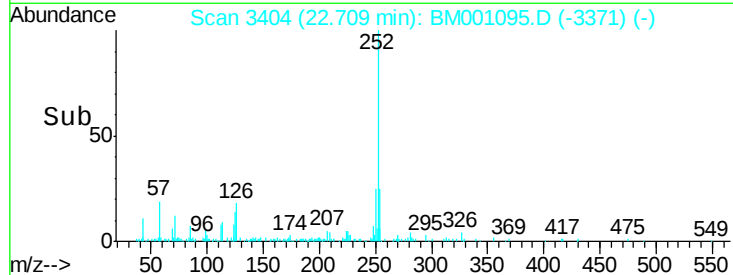
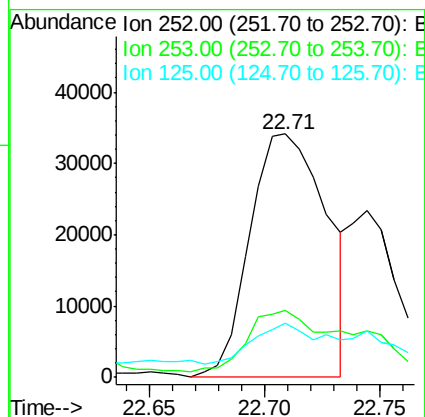
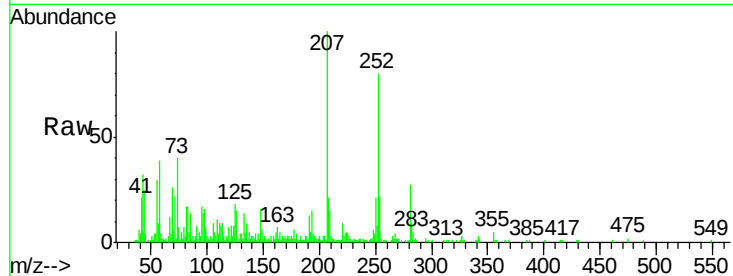
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#85
Benzo(b)fluoranthene
Concen: 1.25 ng/ul
RT: 22.71 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM001095.D
Acq: 21 Apr 2015 09:22

Tot Ion:252 Resp: 78909
Ion Ratio Lower Upper
252 100
253 27.8 17.3 25.9#
125 22.1 9.7 14.5#



#88
Benzo(a)pyrene
Concen: 1.03 ng/ul
RT: 23.26 min Scan# 3497
Delta R.T. -0.02 min
Lab File: BM001095.D
Acq: 21 Apr 2015 09:22

Tgt Ion:252 Resp: 61107
Ion Ratio Lower Upper
252 100
253 25.4 17.2 25.8
125 18.6 9.7 14.5#

