

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031115\
 Data File : BM000701.D
 Acq On : 11 Mar 2015 22:18
 Operator : TP/IZ
 Sample : SSTD1.675
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.675

Quant Time: Mar 12 07:54:00 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 07:43:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	3949	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	13297	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3015	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	12648	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10900	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	9385	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	25795	1.59	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	43131	1.61	ng/ul	0.00

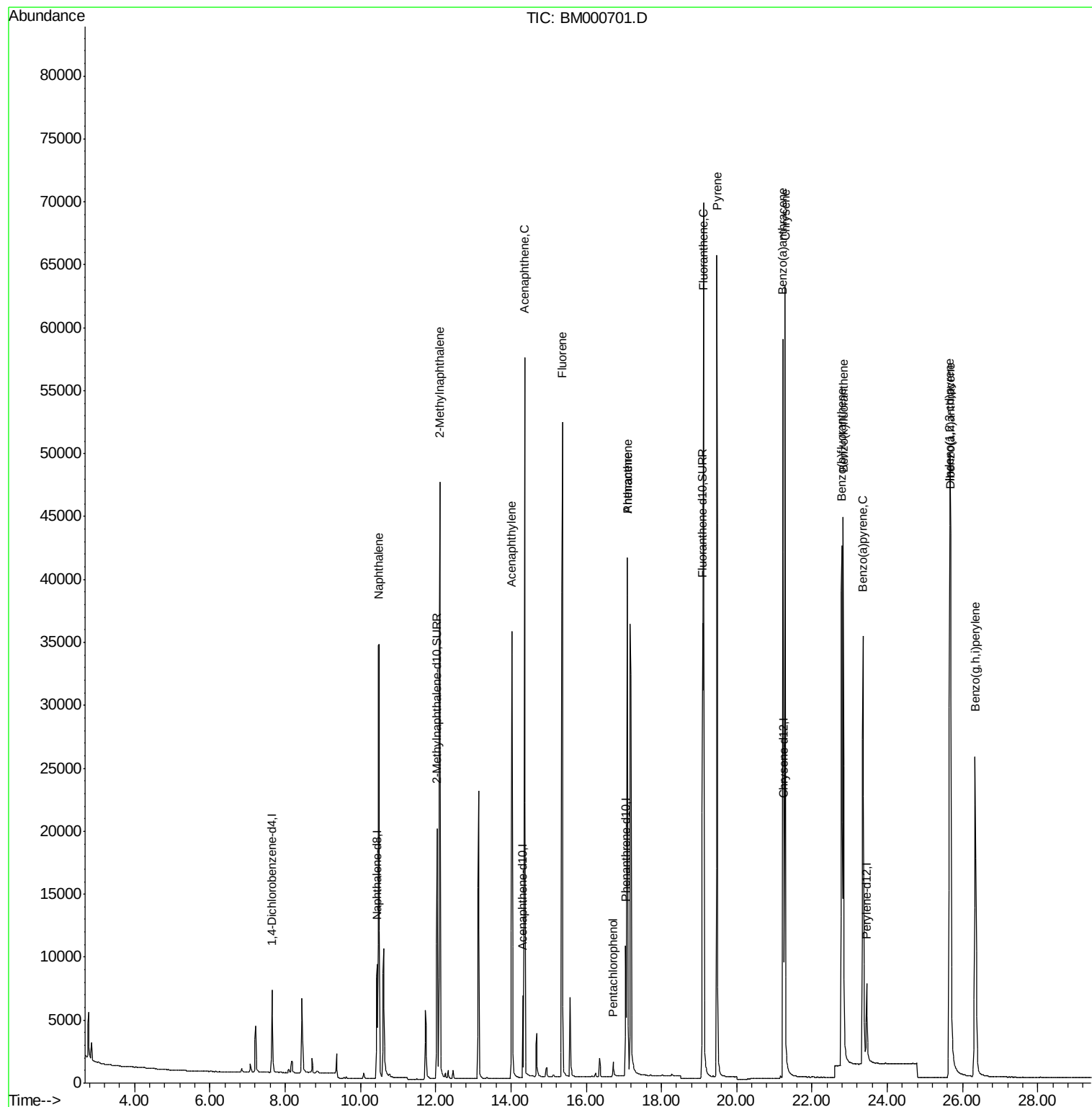
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.49	128	55544	1.61	ng/ul	98
5) 2-Methylnaphthalene	12.11	142	35938	1.64	ng/ul	99
7) Acenaphthylene	14.02	152	47130	2.01	ng/ul	95
8) Acenaphthene	14.36	153	33764	1.86	ng/ul	98
9) Fluorene	15.36	166	40952	1.96	ng/ul	98
11) Pentachlorophenol	16.71	266	1250	1.57	ng/ul#	79
12) Phenanthrene	17.10	178	59682	1.62	ng/ul	98
13) Anthracene	17.10	178	59682	1.80	ng/ul	98
15) Fluoranthene	19.11	202	66423	1.62	ng/ul	96
17) Pyrene	19.48	202	66613	1.56	ng/ul	98
18) Benzo(a)anthracene	21.23	228	53878	1.66	ng/ul	99
19) Chrysene	21.28	228	59657	1.49	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	58297	1.75	ng/ul	95
22) Benzo(k)fluoranthene	22.83	252	54564	1.49	ng/ul	95
23) Benzo(a)pyrene	23.35	252	52280	1.62	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.66	276	61217	1.64	ng/ul	99
25) Dibenzo(a,h)anthracene	25.68	278	49631	1.66	ng/ul	95
26) Benzo(g,h,i)perylene	26.34	276	53954	1.63	ng/ul	98

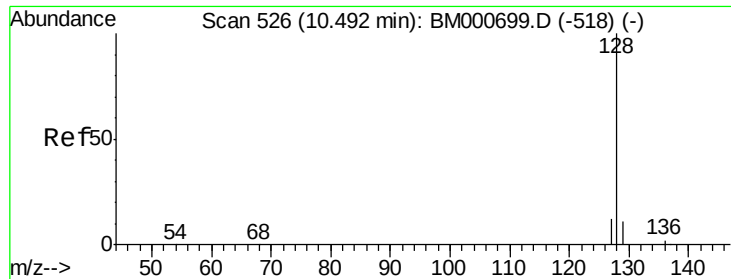
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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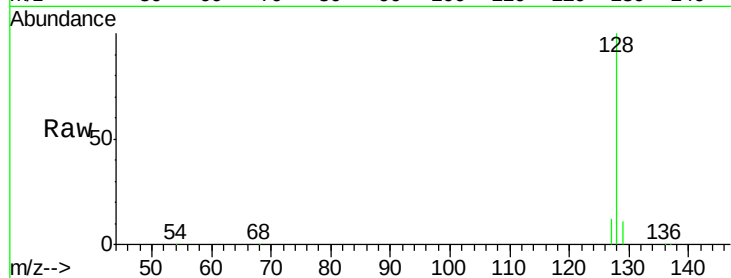




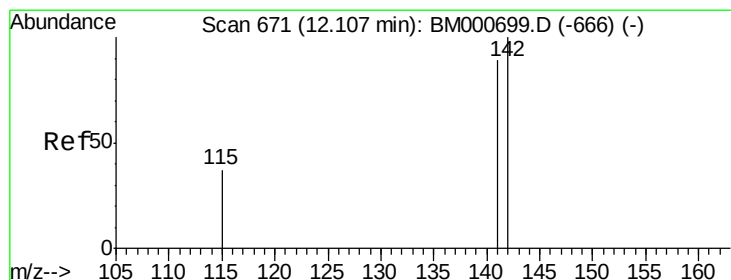
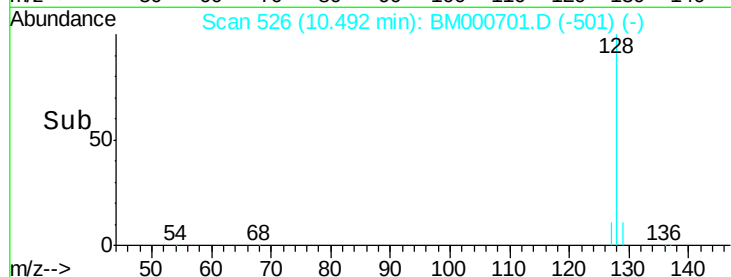
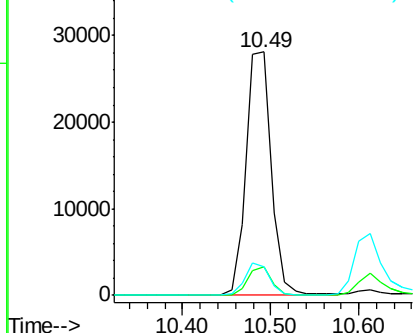
#3
Naphthalene
Concen: 1.61 ng/ul
RT: 10.49 min Scan# 526
Delta R.T. 0.00 min
Lab File: BM000701.D
Acq: 11 Mar 2015 22:18

Instrument :
BNA_M
ClientSampleId :
SSTD1.675

Tgt Ion:128 Resp: 55544
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 11.5 10.0 15.0

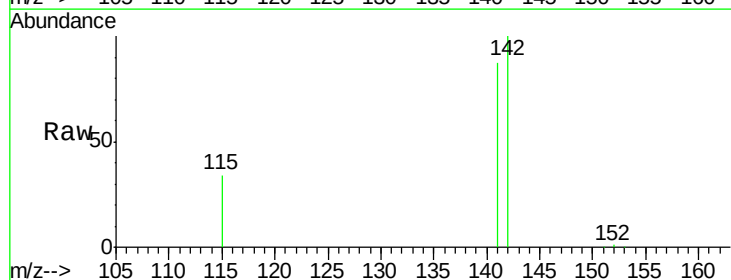


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

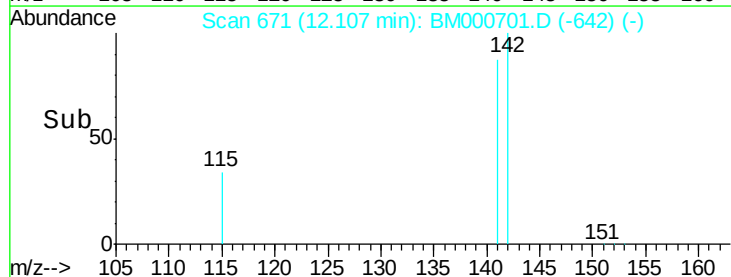
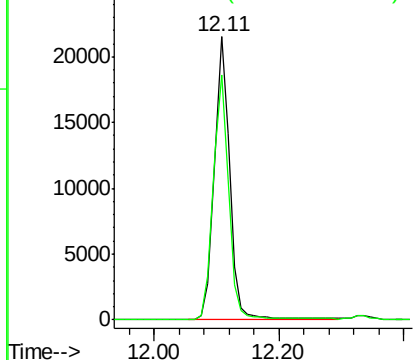


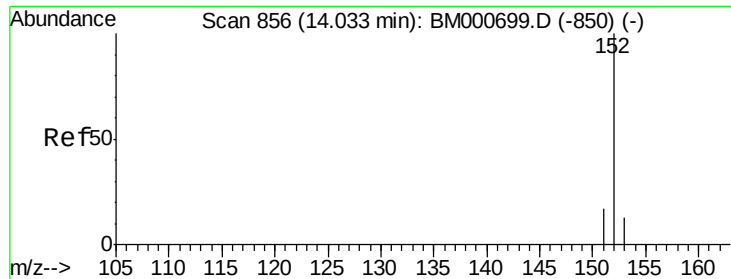
#5
2-Methylnaphthalene
Concen: 1.64 ng/ul
RT: 12.11 min Scan# 671
Delta R.T. 0.00 min
Lab File: BM000701.D
Acq: 11 Mar 2015 22:18

Tgt Ion:142 Resp: 35938
Ion Ratio Lower Upper
142 100
141 87.7 69.5 104.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.01 ng/ul

RT: 14.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

Instrument :

BNA_M

ClientSampleId :

SSTD1.675

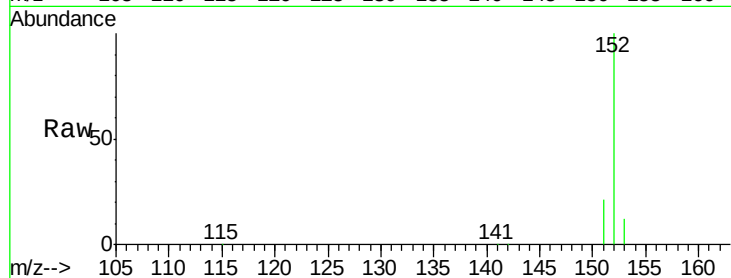
Tgt Ion:152 Resp: 47130

Ion Ratio Lower Upper

152 100

151 20.5 14.5 21.7

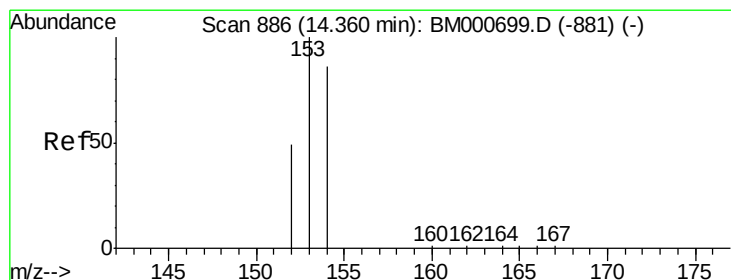
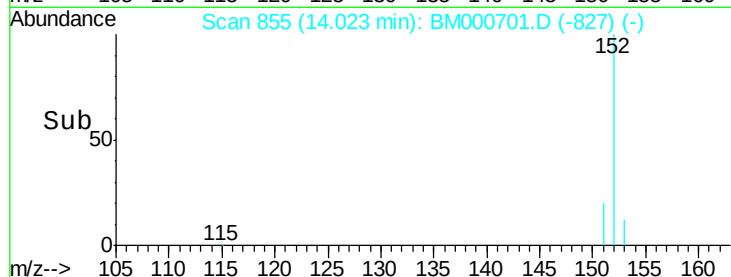
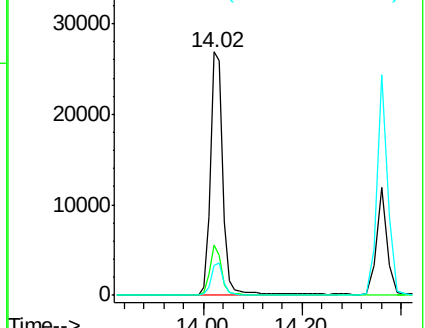
153 12.2 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 1.86 ng/ul

RT: 14.36 min Scan# 886

Delta R.T. 0.00 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

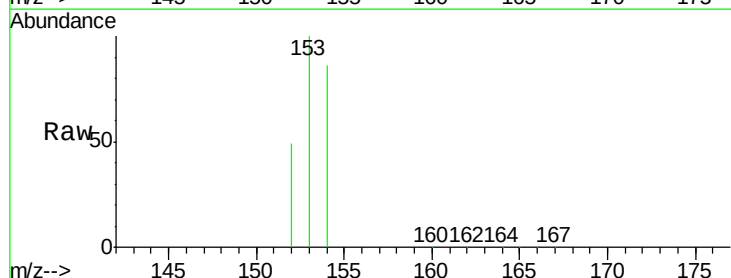
Tgt Ion:153 Resp: 33764

Ion Ratio Lower Upper

153 100

152 48.9 40.2 60.2

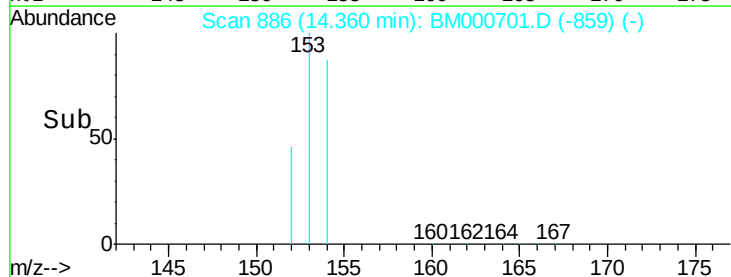
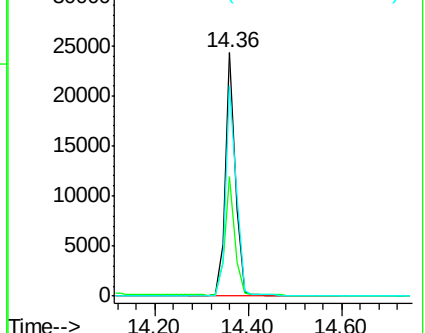
154 86.4 68.2 102.2

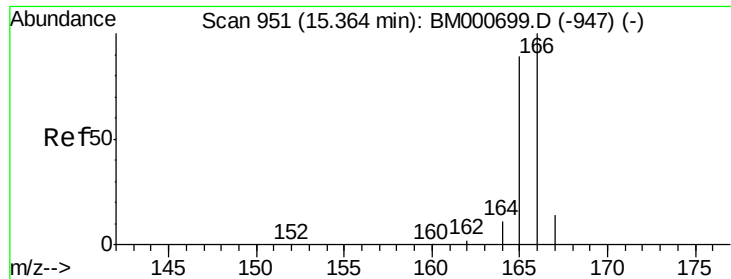


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

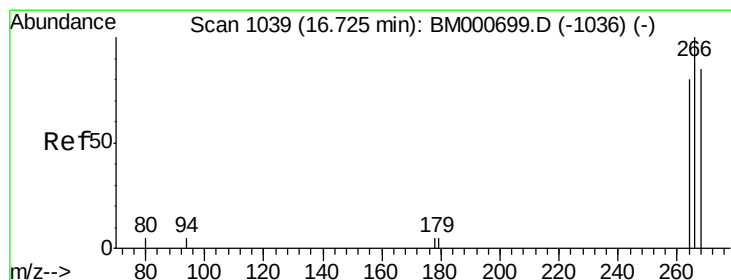
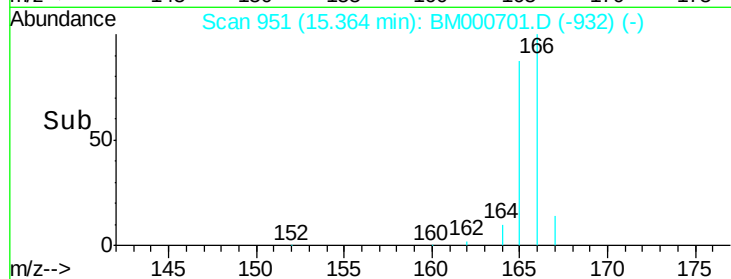
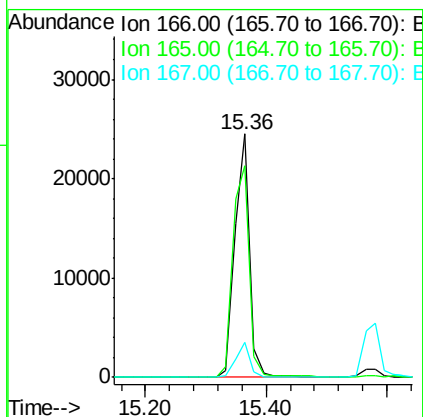
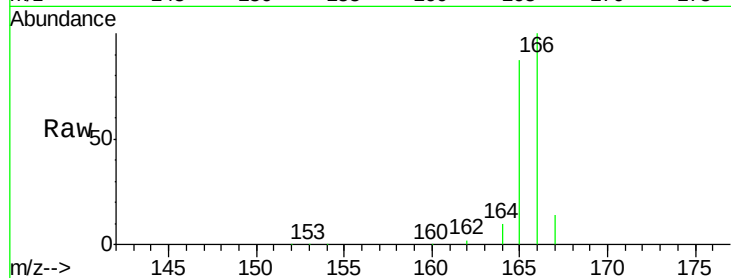




#9
Fluorene
 Concen: 1.96 ng/ul
 RT: 15.36 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BM000701.D
 Acq: 11 Mar 2015 22:18

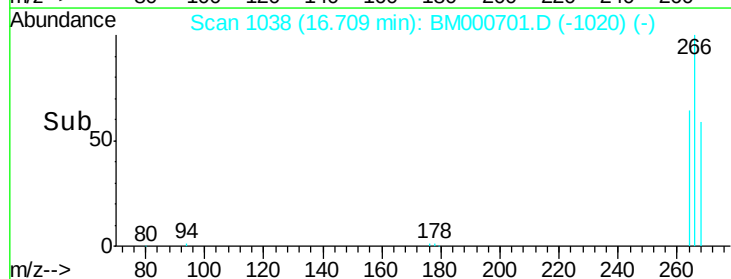
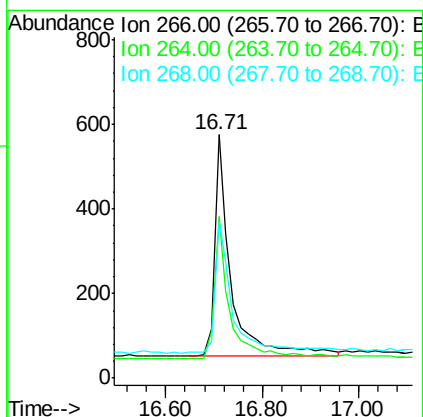
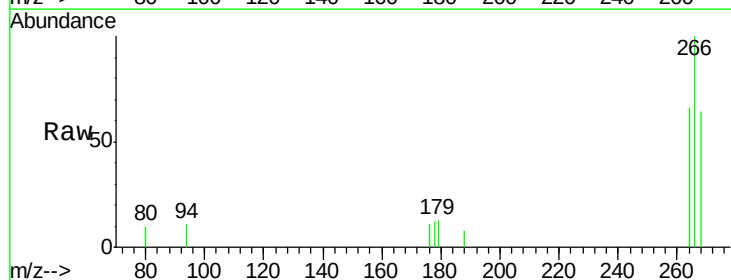
Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.675

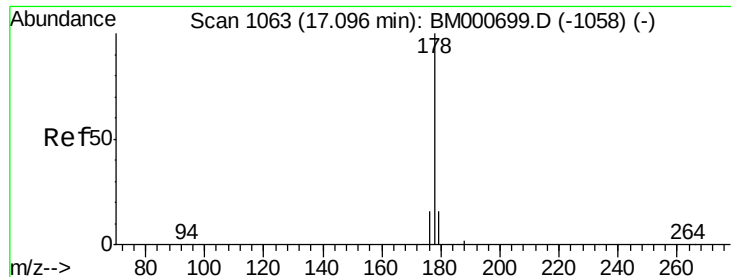
Tgt Ion:166 Resp: 40952
 Ion Ratio Lower Upper
 166 100
 165 86.9 71.7 107.5
 167 14.4 11.5 17.3



#11
Pentachlorophenol
 Concen: 1.57 ng/ul
 RT: 16.71 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BM000701.D
 Acq: 11 Mar 2015 22:18

Tgt Ion:266 Resp: 1250
 Ion Ratio Lower Upper
 266 100
 264 62.2 43.9 65.9
 268 65.7 73.2 109.8#





#12

Phenanthrene

Concen: 1.62 ng/ul

RT: 17.10 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

Instrument :

BNA_M

ClientSampleId :

SSTD1.675

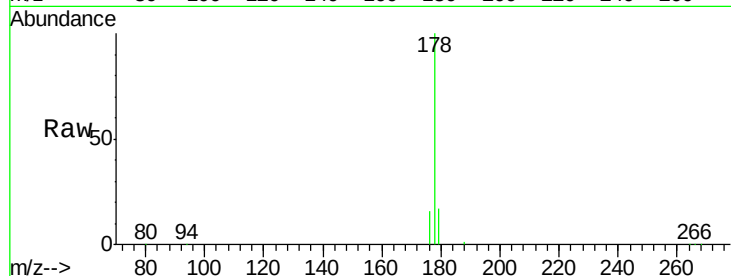
Tgt Ion:178 Resp: 59682

Ion Ratio Lower Upper

178 100

176 16.0 13.4 20.2

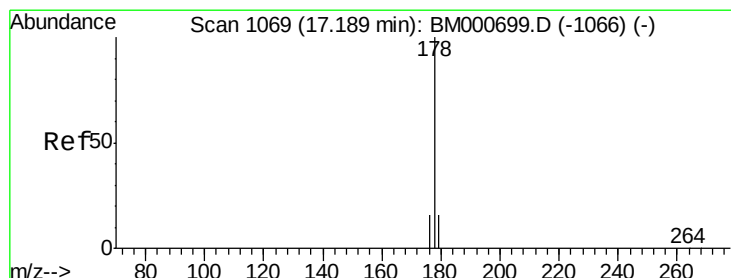
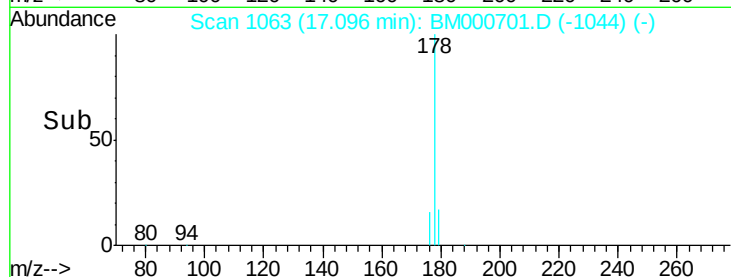
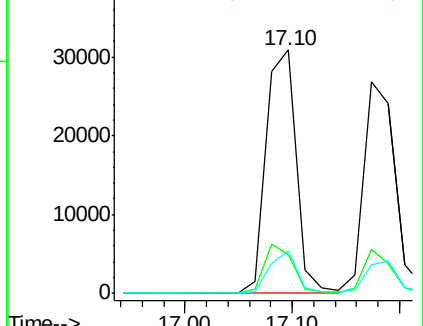
179 17.4 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 1.80 ng/ul

RT: 17.10 min Scan# 1063

Delta R.T. -0.09 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

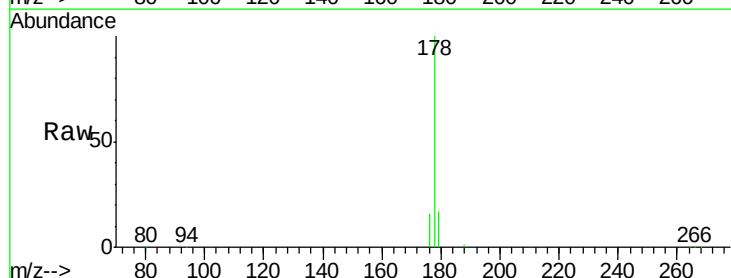
Tgt Ion:178 Resp: 59682

Ion Ratio Lower Upper

178 100

176 16.0 13.8 20.8

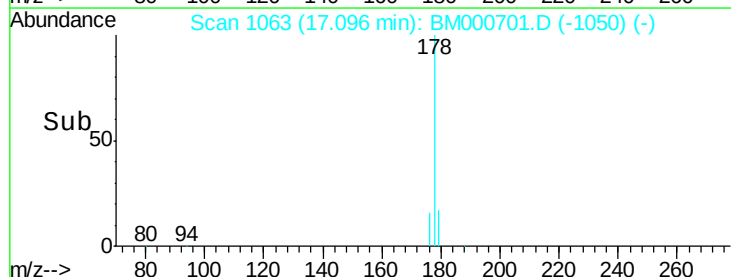
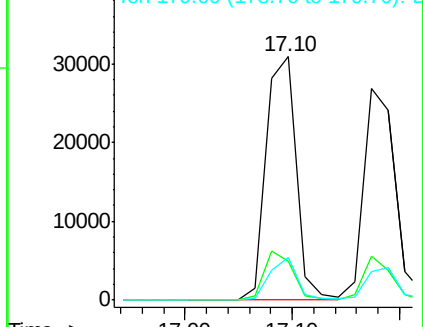
179 17.4 13.8 20.6

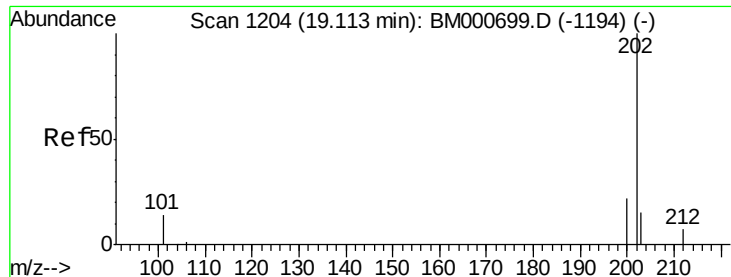


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 1.62 ng/ul

RT: 19.11 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

Instrument :

BNA_M

ClientSampleId :

SSTD1.675

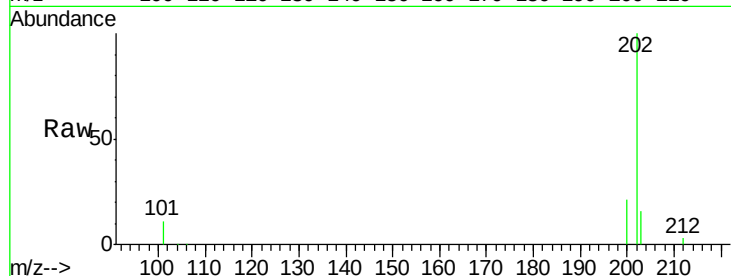
Tgt Ion:202 Resp: 66423

Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.4

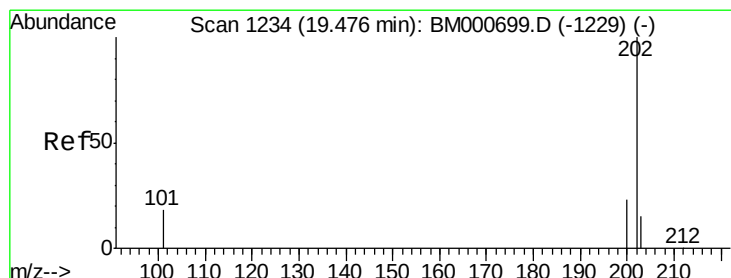
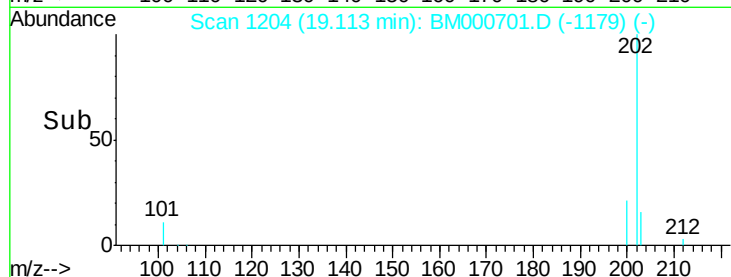
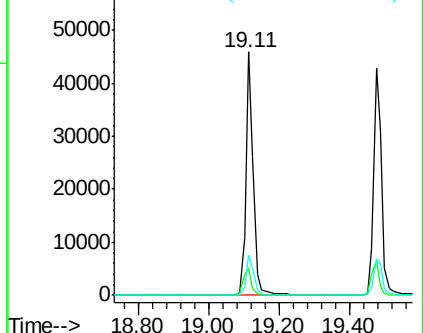
203 16.2 0.0 36.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#17

Pyrene

Concen: 1.56 ng/ul

RT: 19.48 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

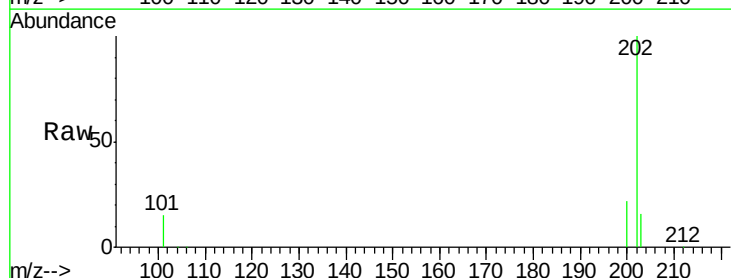
Tgt Ion:202 Resp: 66613

Ion Ratio Lower Upper

202 100

200 21.6 18.8 28.2

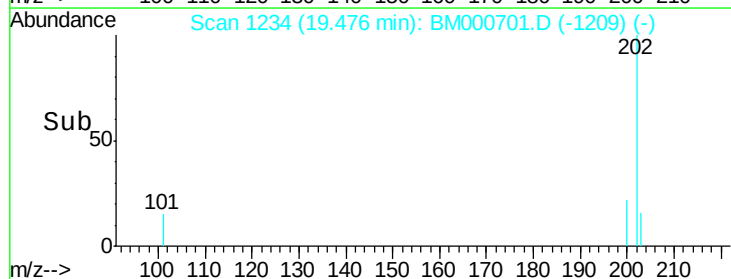
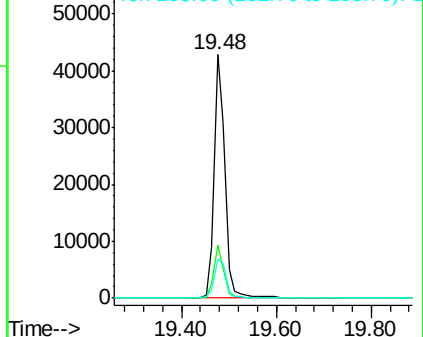
203 16.1 12.8 19.2

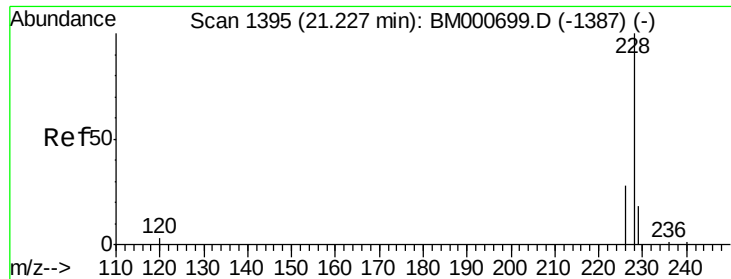


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 1.66 ng/ul

RT: 21.23 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

Instrument :

BNA_M

ClientSampleId :

SSTD1.675

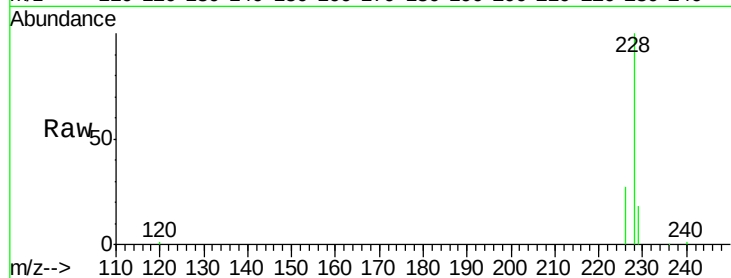
Tgt Ion:228 Resp: 53878

Ion Ratio Lower Upper

228 100

226 27.5 22.7 34.1

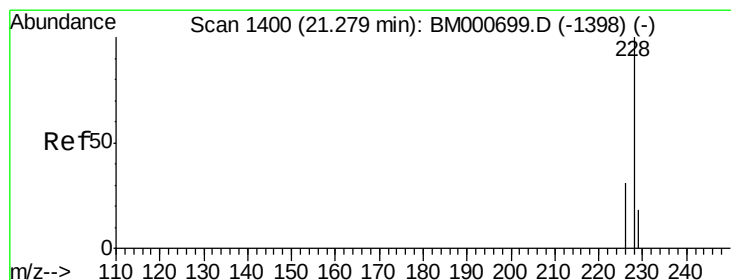
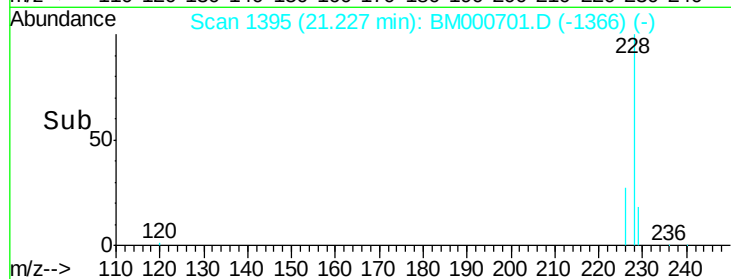
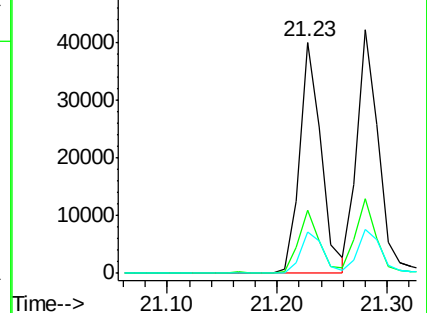
229 18.0 14.7 22.1



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



#19

Chrysene

Concen: 1.49 ng/ul

RT: 21.28 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

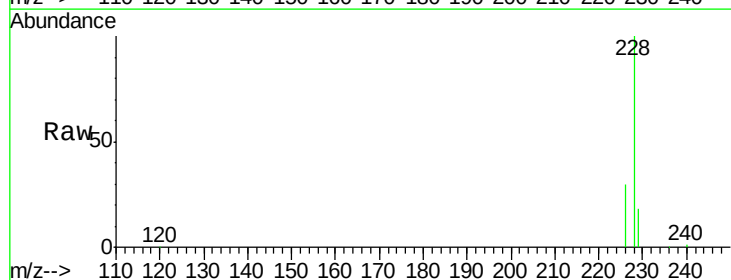
Tgt Ion:228 Resp: 59657

Ion Ratio Lower Upper

228 100

226 30.5 25.3 37.9

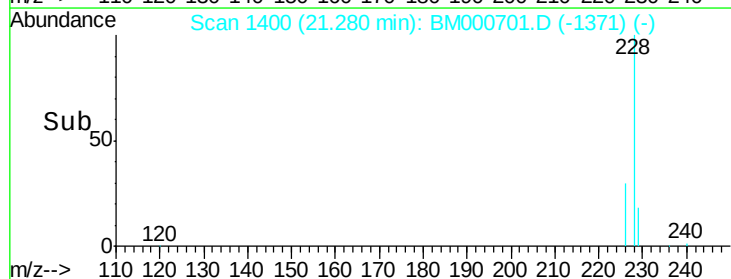
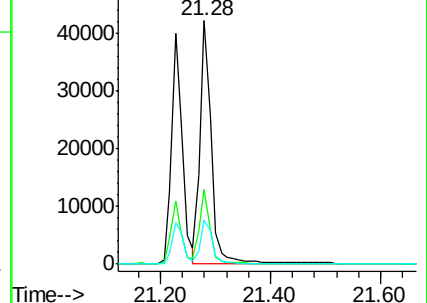
229 18.1 14.7 22.1

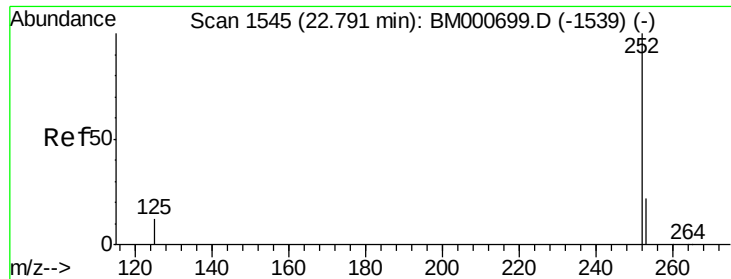


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 1.75 ng/ul

RT: 22.79 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

Instrument :

BNA_M

ClientSampleId :

SSTD1.675

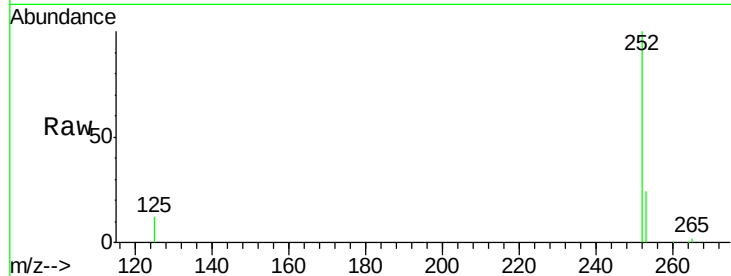
Tgt Ion:252 Resp: 58297

Ion Ratio Lower Upper

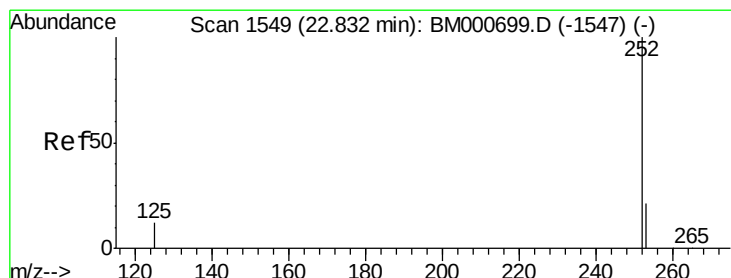
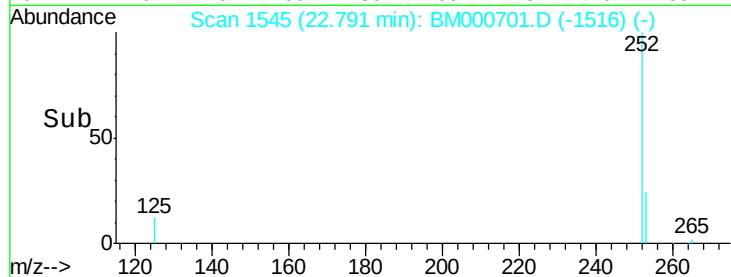
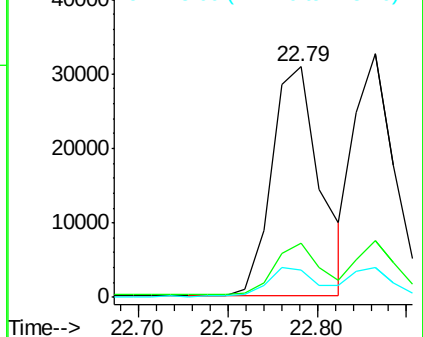
252 100

253 23.7 0.0 53.2

125 11.8 0.0 27.0



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



#22

Benzo(k)fluoranthene

Concen: 1.49 ng/ul

RT: 22.83 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

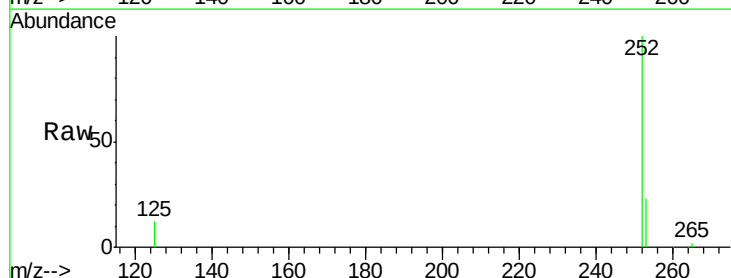
Tgt Ion:252 Resp: 54564

Ion Ratio Lower Upper

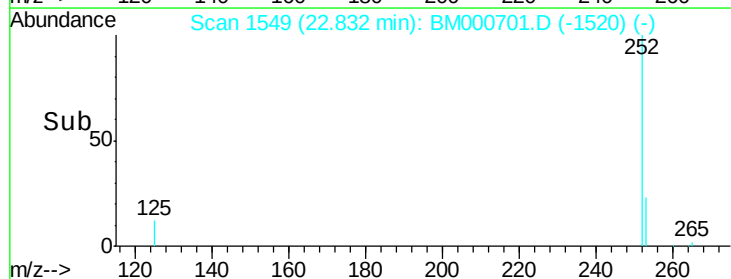
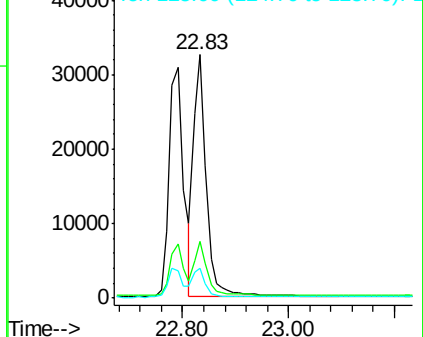
252 100

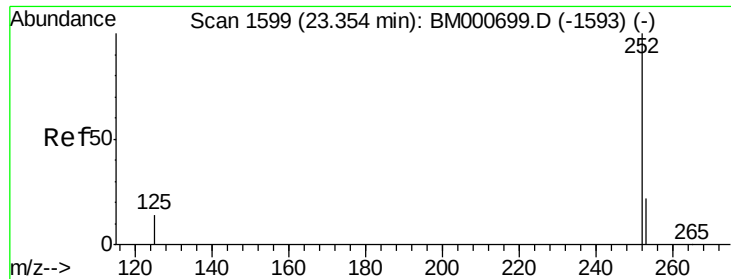
253 23.3 20.8 31.2

125 12.1 11.2 16.8



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





#23

Benzo(a)pyrene

Concen: 1.62 ng/ul

RT: 23.35 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

Instrument :

BNA_M

ClientSampleId :

SSTD1.675

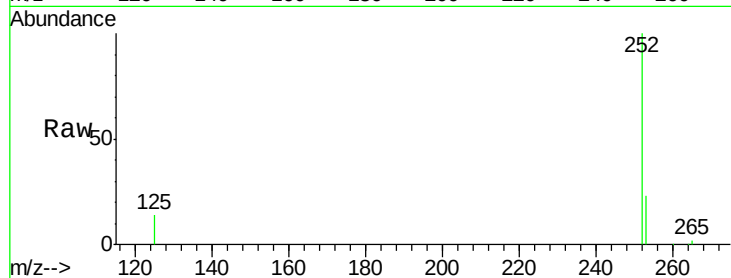
Tgt Ion:252 Resp: 52280

Ion Ratio Lower Upper

252 100

253 23.0 22.7 34.1

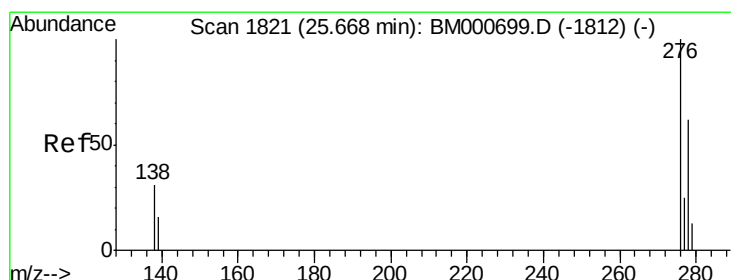
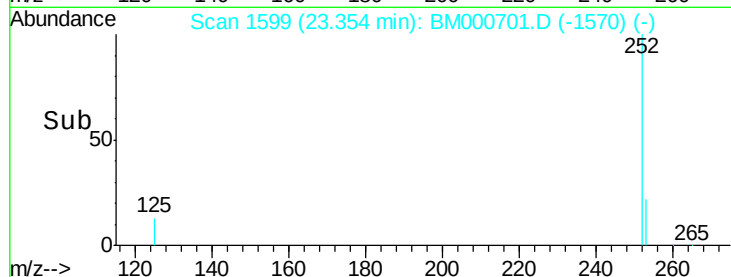
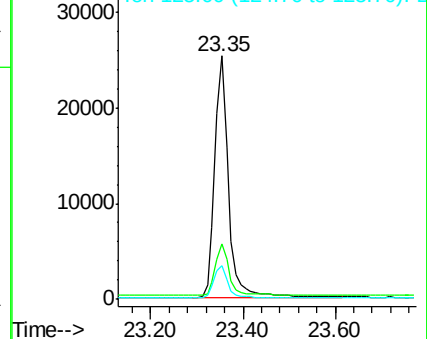
125 13.9 12.6 18.8



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.64 ng/ul

RT: 25.66 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

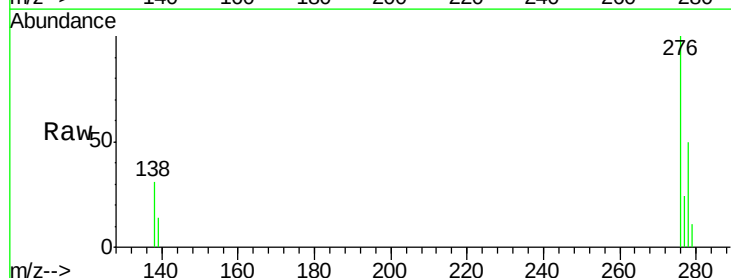
Tgt Ion:276 Resp: 61217

Ion Ratio Lower Upper

276 100

138 32.3 25.4 38.2

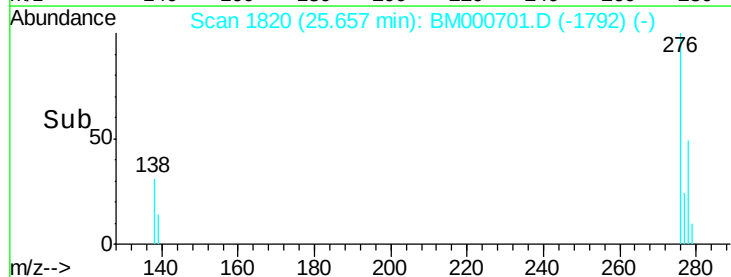
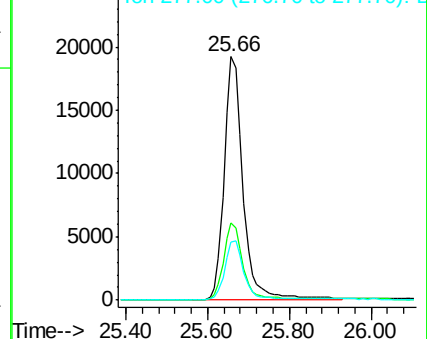
277 24.5 20.0 30.0

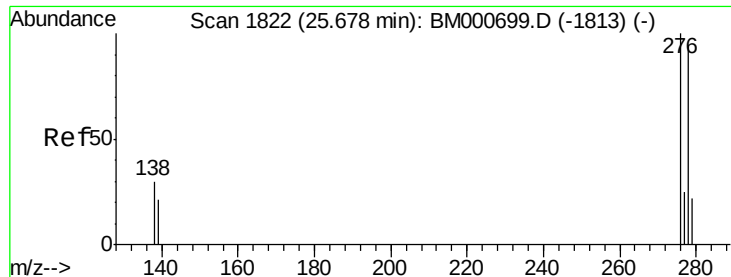


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.66 ng/ul

RT: 25.68 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

Instrument :

BNA_M

ClientSampleId :

SSTD1.675

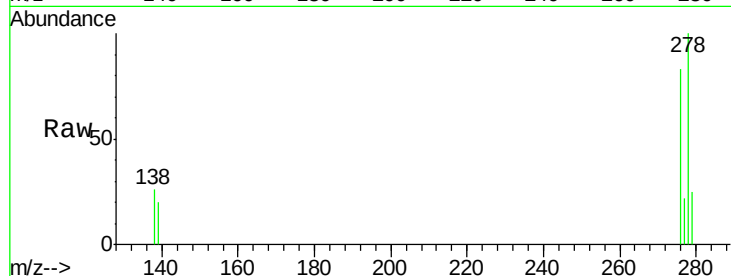
Tgt Ion:278 Resp: 49631

Ion Ratio Lower Upper

278 100

139 20.4 18.8 28.2

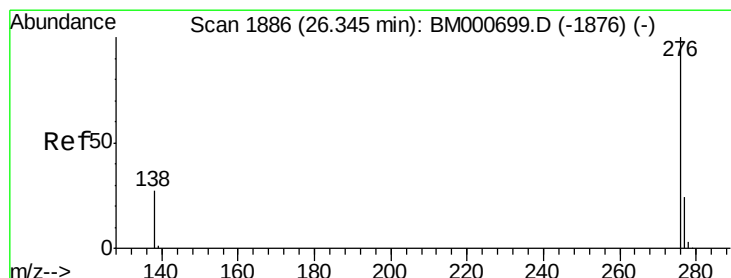
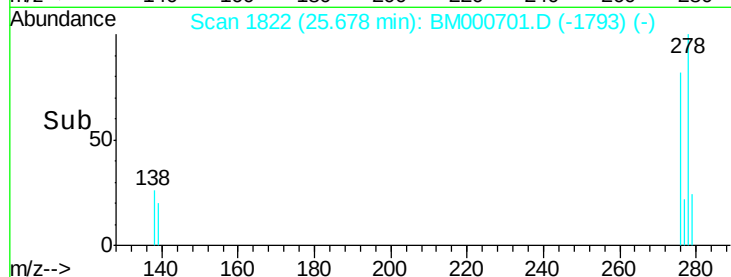
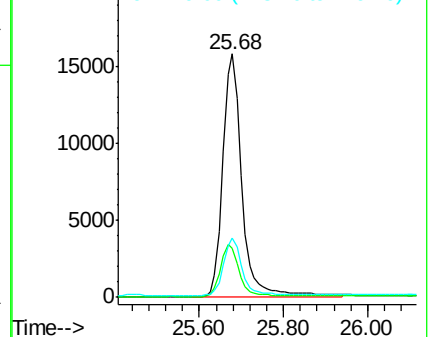
279 24.6 21.6 32.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 1.63 ng/ul

RT: 26.34 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM000701.D

Acq: 11 Mar 2015 22:18

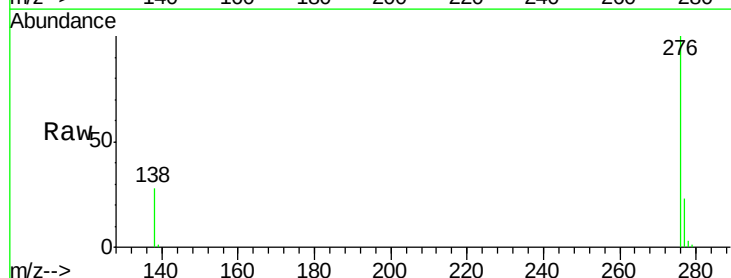
Tgt Ion:276 Resp: 53954

Ion Ratio Lower Upper

276 100

277 23.5 20.2 30.4

138 28.1 22.5 33.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

