

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030915\
 Data File : BM000665.D
 Acq On : 09 Mar 2015 17:45
 Operator : TP/IZ
 Sample : SSTD0.850
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.850

Quant Time: Mar 10 02:36:48 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM030915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 02:25:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	4446	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	14961	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	4262	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	14158	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	12662	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	11905	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	14164	0.71	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	23181	0.76	ng/ul	0.00

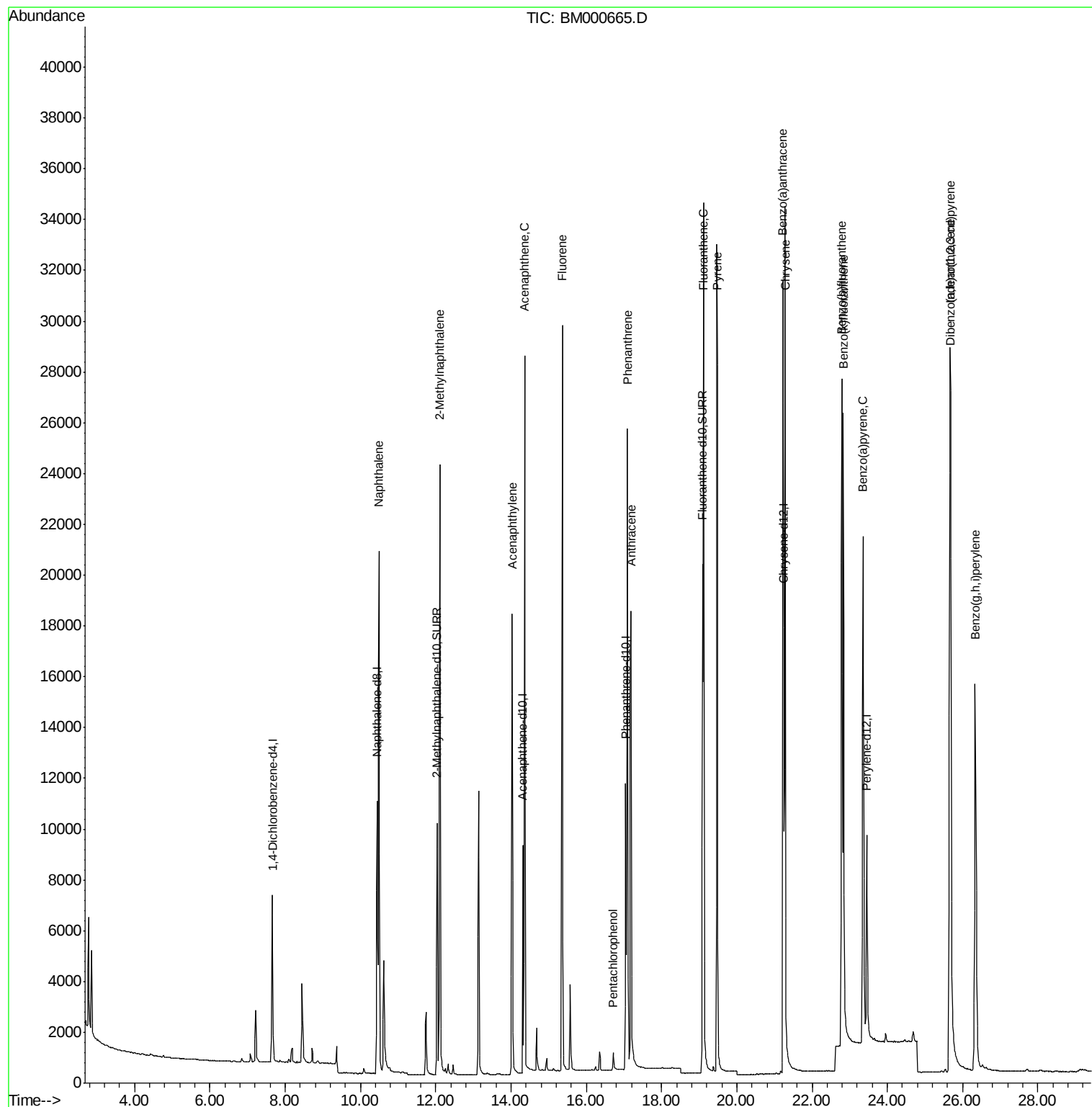
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.49	128	29634	0.78	ng/ul	99
5) 2-Methylnaphthalene	12.11	142	18793	0.71	ng/ul	99
7) Acenaphthylene	14.03	152	23506	1.17	ng/ul	99
8) Acenaphthene	14.36	153	17626	1.15	ng/ul	99
9) Fluorene	15.36	166	21059	1.12	ng/ul	100
11) Pentachlorophenol	16.71	266	810	0.23	ng/ul	96
12) Phenanthrene	17.10	178	31336	0.77	ng/ul	99
13) Anthracene	17.19	178	28142	0.74	ng/ul	98
15) Fluoranthene	19.11	202	34810	0.76	ng/ul	99
17) Pyrene	19.48	202	36268	0.64	ng/ul	99
18) Benzo(a)anthracene	21.23	228	29224	0.73	ng/ul	99
19) Chrysene	21.28	228	34633	0.79	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	33805	0.76	ng/ul	96
22) Benzo(k)fluoranthene	22.83	252	33587	0.76	ng/ul	96
23) Benzo(a)pyrene	23.35	252	31461	0.78	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.67	276	36462	0.92	ng/ul	100
25) Dibenzo(a,h)anthracene	25.68	278	29610	0.94	ng/ul	96
26) Benzo(g,h,i)perylene	26.33	276	32261	0.93	ng/ul	97

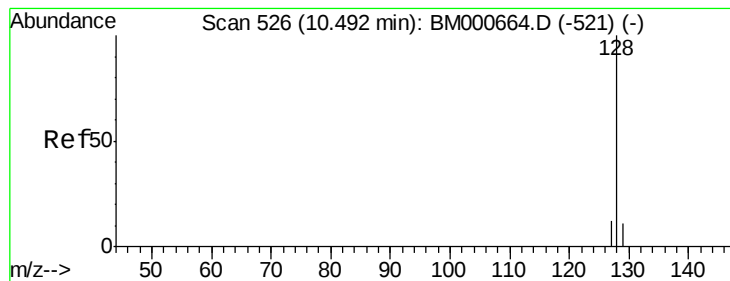
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.78 ng/ul

RT: 10.49 min Scan# 526

Delta R.T. -0.00 min

Lab File: BM000665.D

Acq: 09 Mar 2015 17:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.850

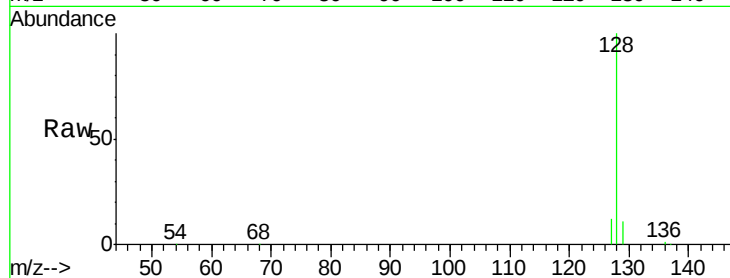
Tgt Ion:128 Resp: 29634

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

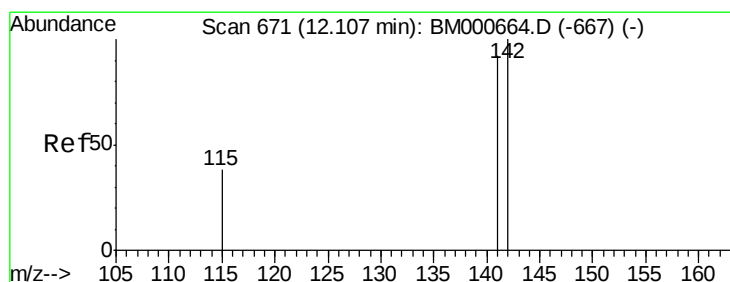
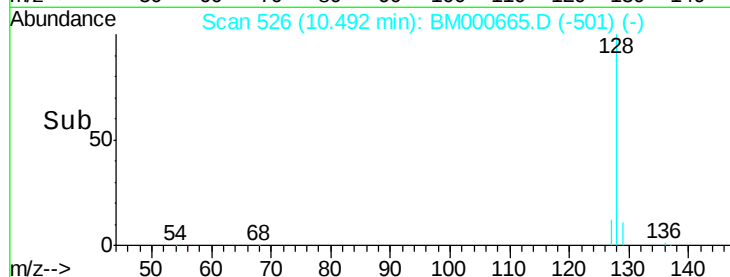
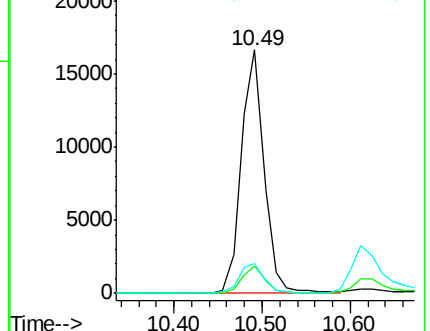
127 12.2 10.1 15.1



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: 0.71 ng/ul

RT: 12.11 min Scan# 671

Delta R.T. -0.00 min

Lab File: BM000665.D

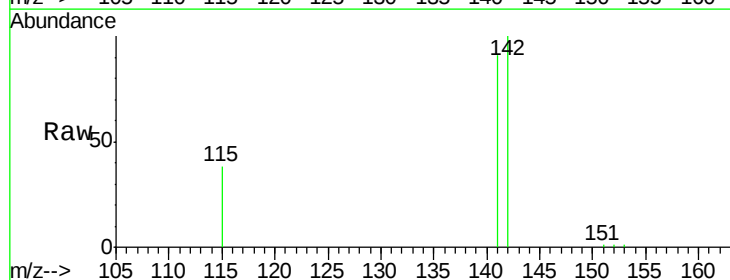
Acq: 09 Mar 2015 17:45

Tgt Ion:142 Resp: 18793

Ion Ratio Lower Upper

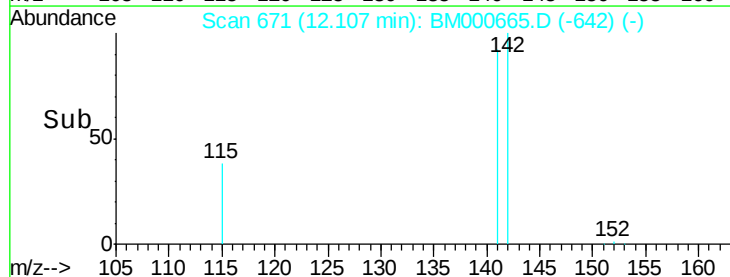
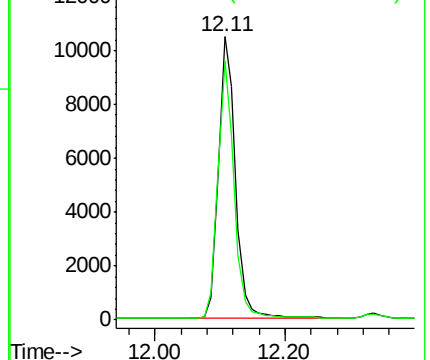
142 100

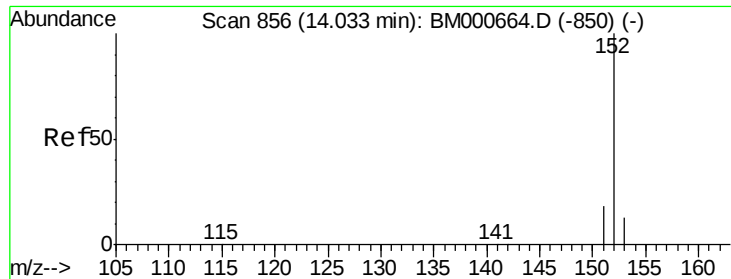
141 88.5 70.4 105.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.17 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM000665.D

Acq: 09 Mar 2015 17:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.850

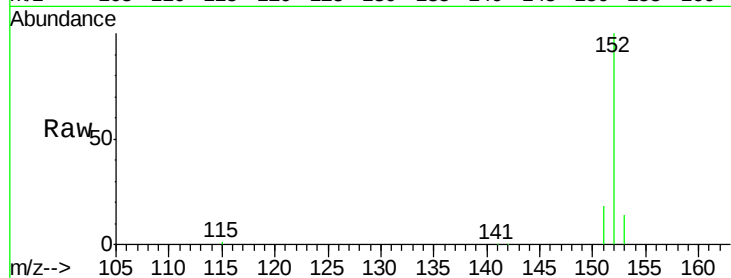
Tgt Ion:152 Resp: 23506

Ion Ratio Lower Upper

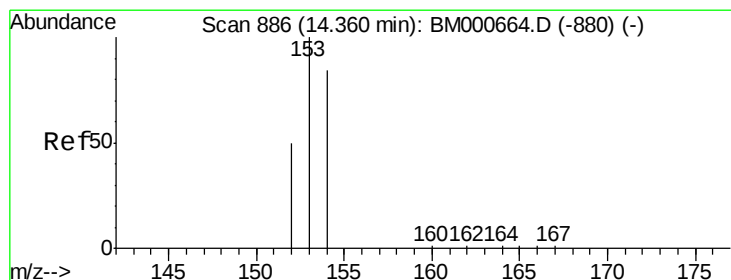
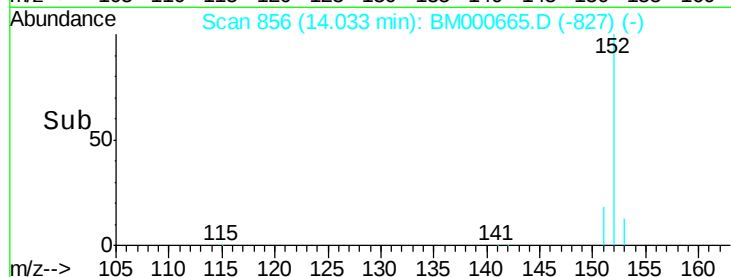
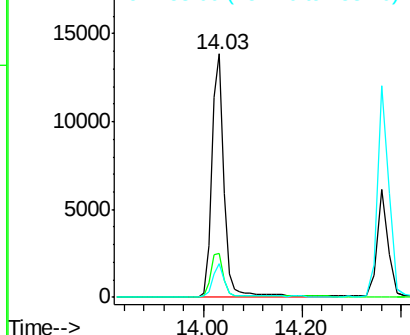
152 100

151 18.3 15.0 22.6

153 13.8 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: 1.15 ng/ul

RT: 14.36 min Scan# 886

Delta R.T. -0.00 min

Lab File: BM000665.D

Acq: 09 Mar 2015 17:45

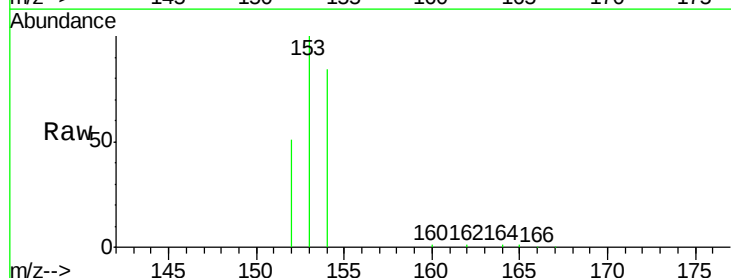
Tgt Ion:153 Resp: 17626

Ion Ratio Lower Upper

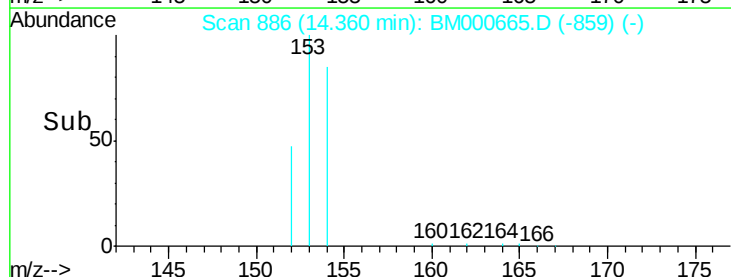
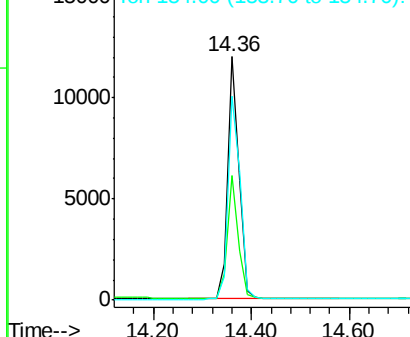
153 100

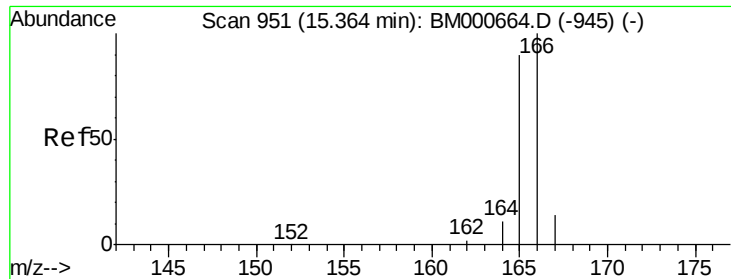
152 51.0 41.0 61.4

154 83.8 66.3 99.5



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

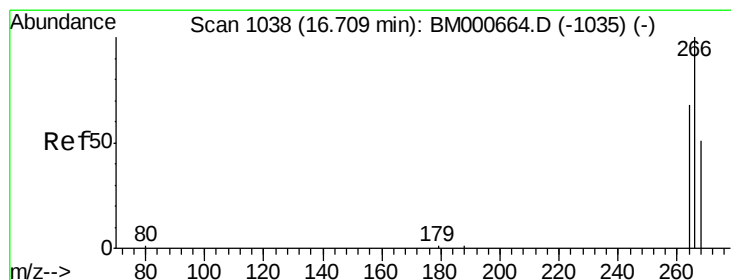
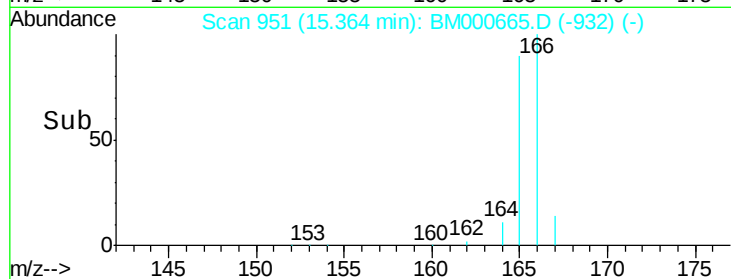
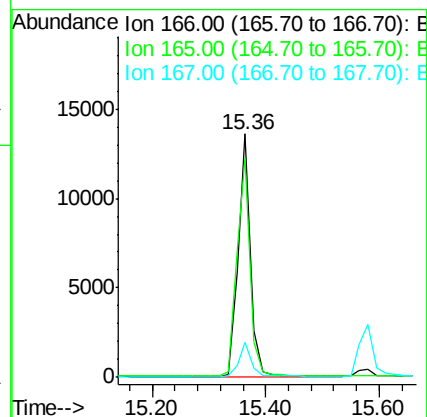
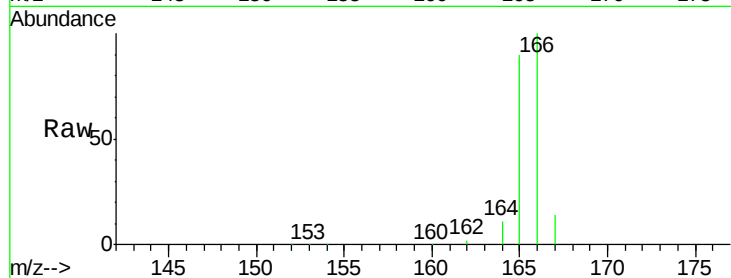




#9
Fluorene
 Concen: 1.12 ng/ul
 RT: 15.36 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BM000665.D
 Acq: 09 Mar 2015 17:45

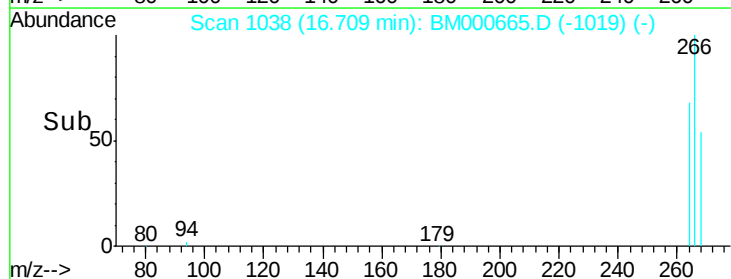
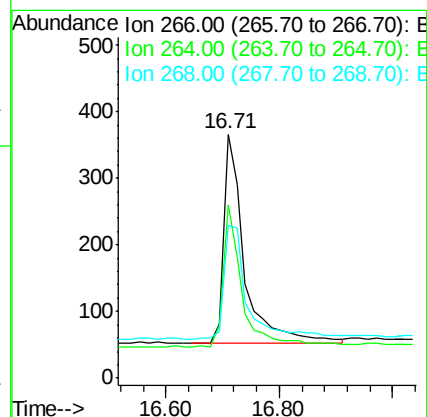
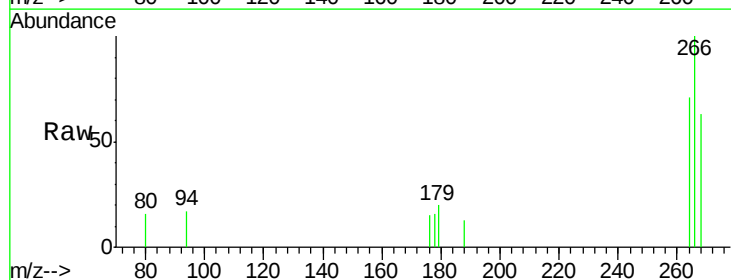
Instrument :
 BNA_M
 ClientSampleId :
 SST0.850

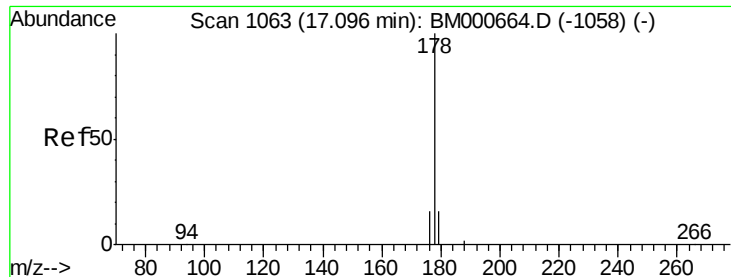
Tgt Ion:166 Resp: 21059
 Ion Ratio Lower Upper
 166 100
 165 90.1 72.3 108.5
 167 14.2 11.8 17.6



#11
Pentachlorophenol
 Concen: 0.23 ng/ul
 RT: 16.71 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BM000665.D
 Acq: 09 Mar 2015 17:45

Tgt Ion:266 Resp: 810
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.7 76.1
 268 61.6 44.5 66.7





#12

Phenanthrene

Concen: 0.77 ng/ul

RT: 17.10 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BM000665.D

Acq: 09 Mar 2015 17:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.850

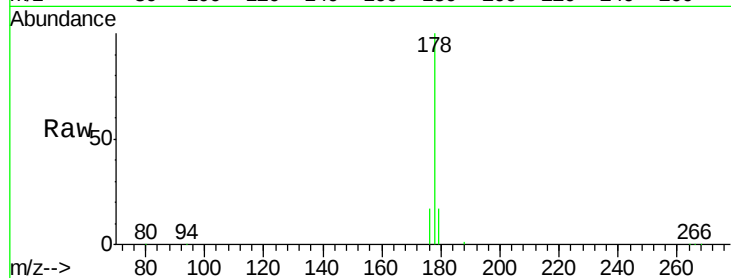
Tgt Ion:178 Resp: 31336

Ion Ratio Lower Upper

178 100

176 16.9 13.5 20.3

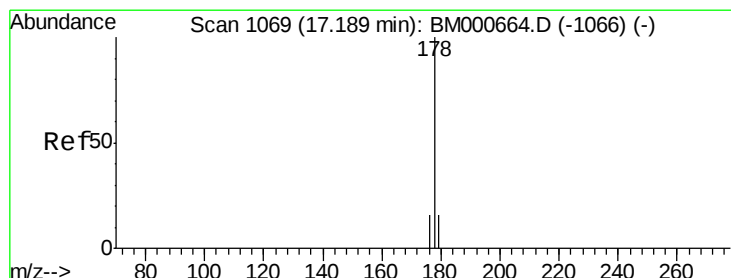
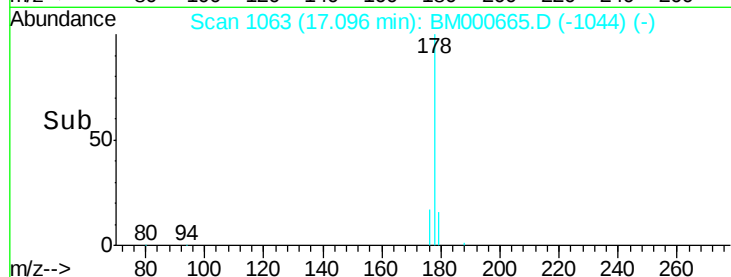
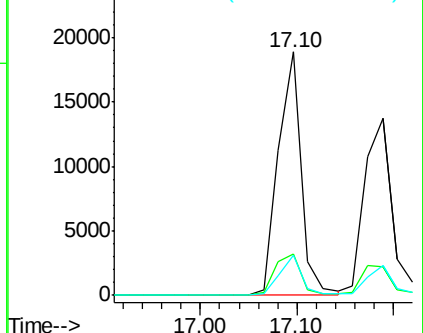
179 16.6 13.8 20.6



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



#13

Anthracene

Concen: 0.74 ng/ul

RT: 17.19 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BM000665.D

Acq: 09 Mar 2015 17:45

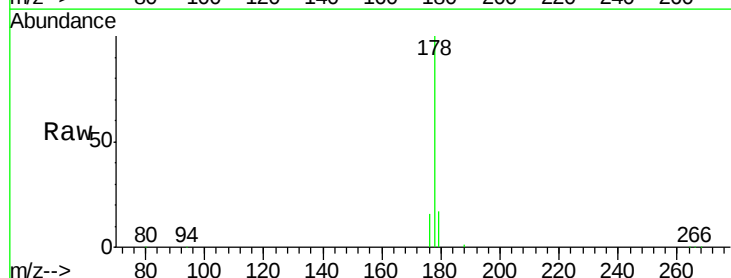
Tgt Ion:178 Resp: 28142

Ion Ratio Lower Upper

178 100

176 16.2 13.8 20.6

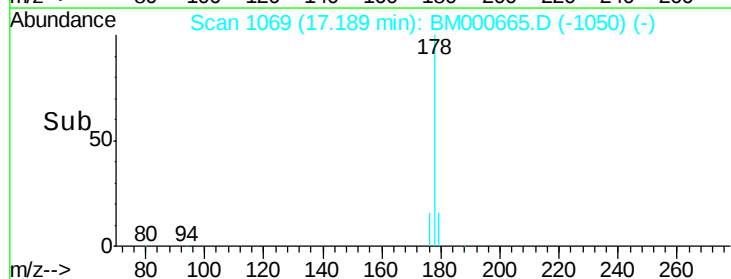
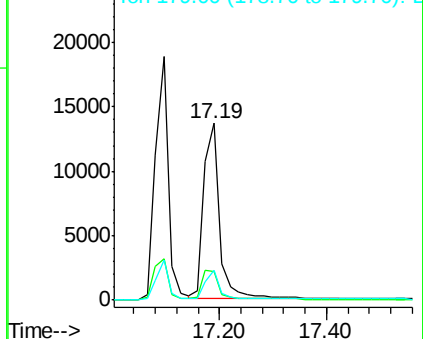
179 16.7 13.8 20.8

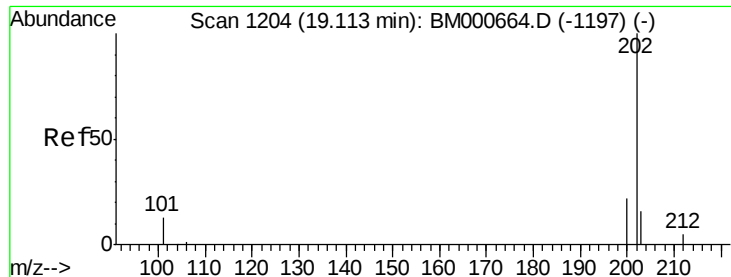


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

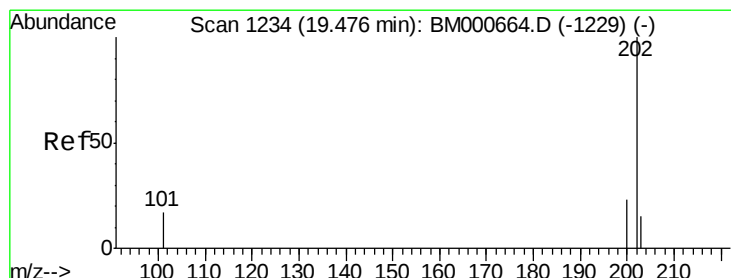
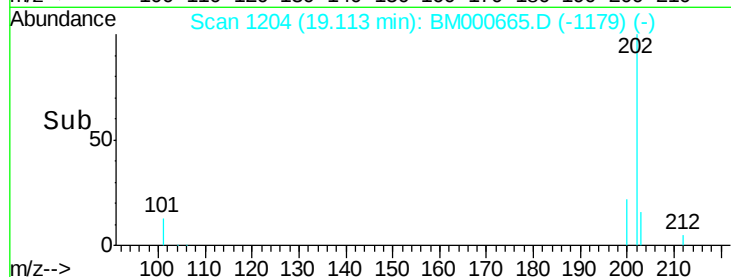
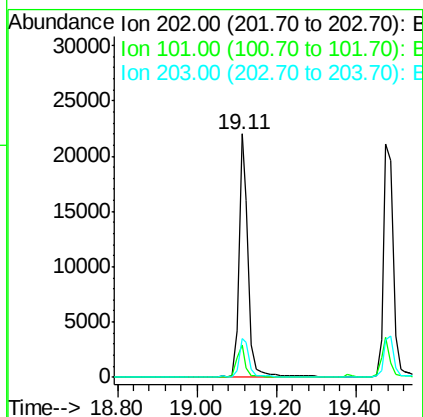
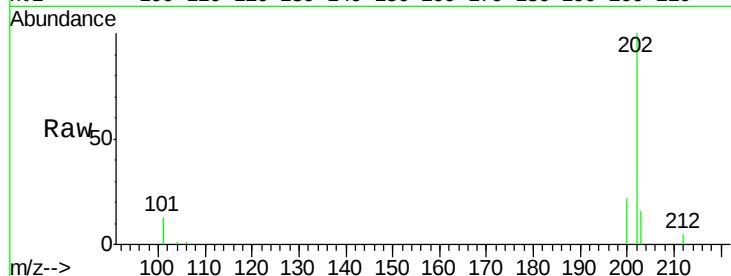




#15
Fluoranthene
 Concen: 0.76 ng/ul
 RT: 19.11 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BM000665.D
 Acq: 09 Mar 2015 17:45

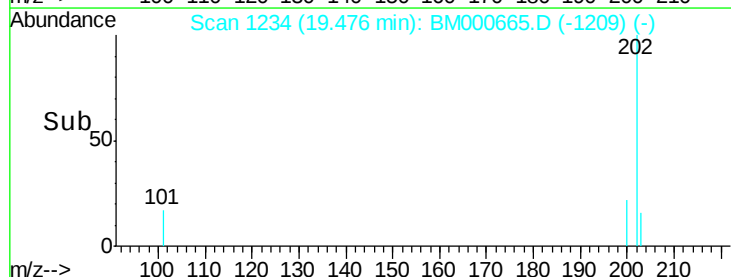
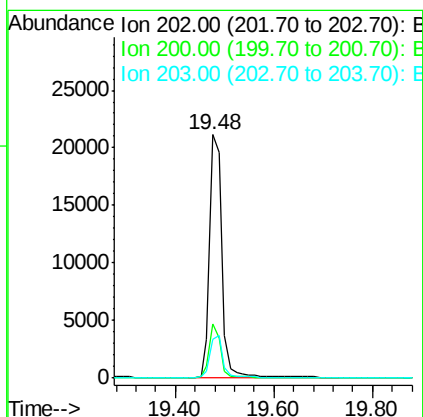
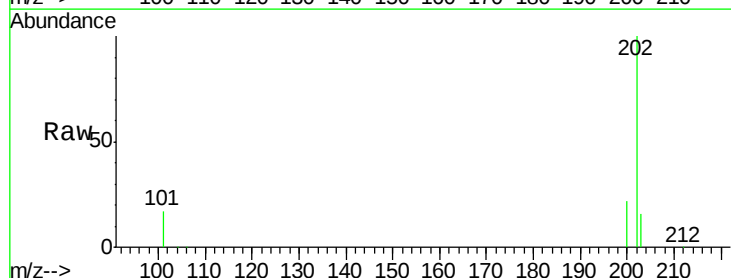
Instrument :
 BNA_M
 ClientSampleId :
 SST0.850

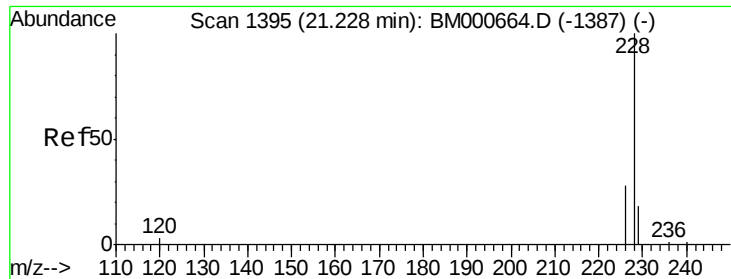
Tgt Ion:202 Resp: 34810
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 33.7
 203 16.1 0.0 36.0



#17
Pyrene
 Concen: 0.64 ng/ul
 RT: 19.48 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BM000665.D
 Acq: 09 Mar 2015 17:45

Tgt Ion:202 Resp: 36268
 Ion Ratio Lower Upper
 202 100
 200 22.4 18.3 27.5
 203 15.8 12.7 19.1





#18

Benzo(a)anthracene

Concen: 0.73 ng/ul

RT: 21.23 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BM000665.D

Acq: 09 Mar 2015 17:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.850

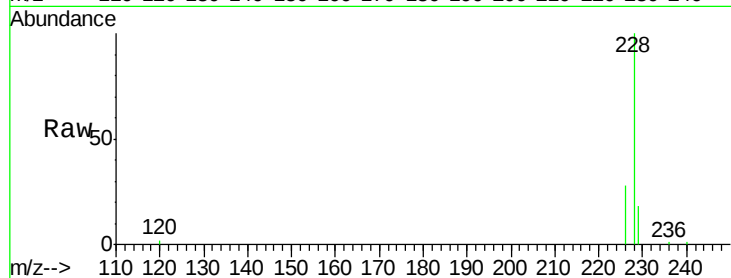
Tgt Ion:228 Resp: 29224

Ion Ratio Lower Upper

228 100

226 28.0 22.8 34.2

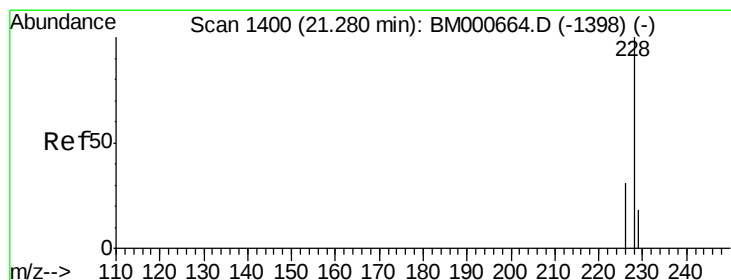
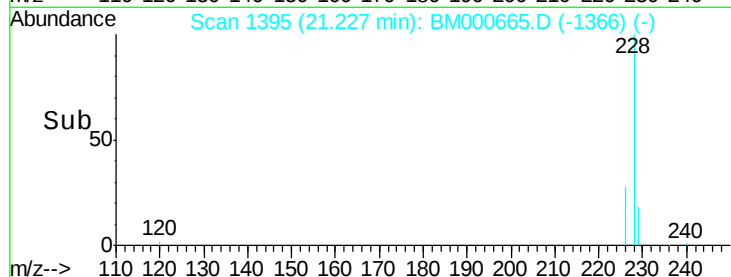
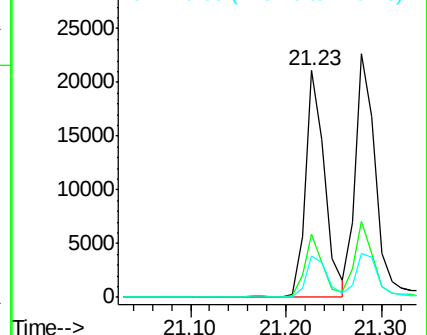
229 18.1 14.8 22.2



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: 0.79 ng/ul

RT: 21.28 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BM000665.D

Acq: 09 Mar 2015 17:45

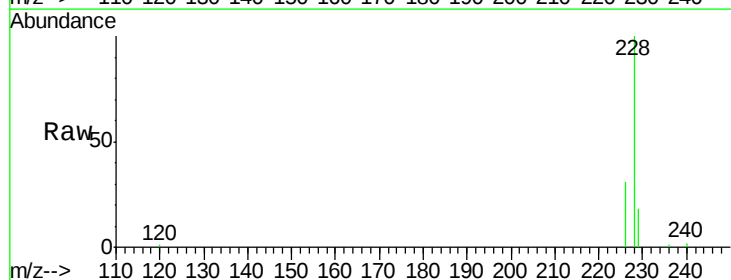
Tgt Ion:228 Resp: 34633

Ion Ratio Lower Upper

228 100

226 31.0 25.1 37.7

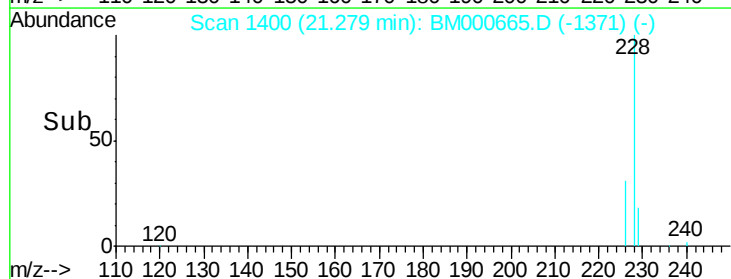
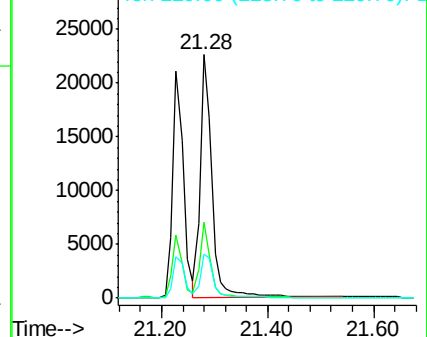
229 17.9 14.7 22.1

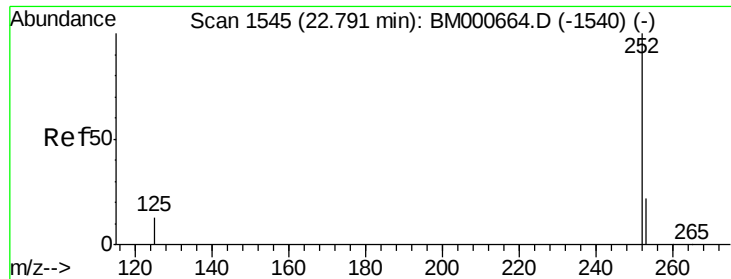


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

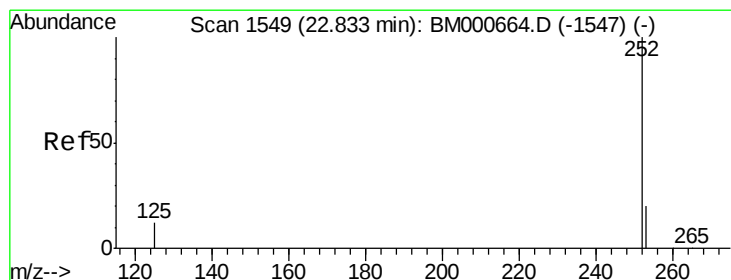
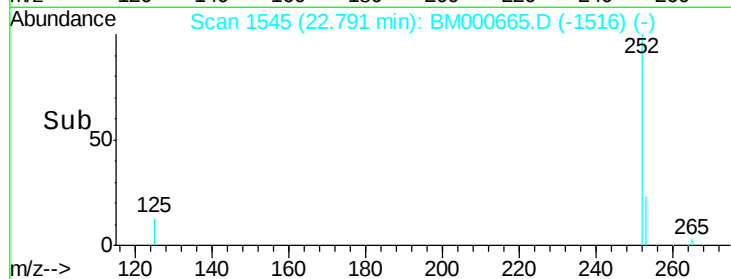
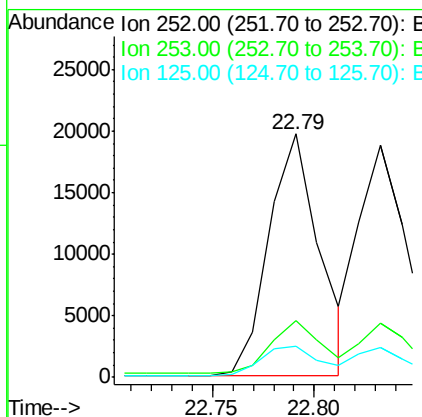
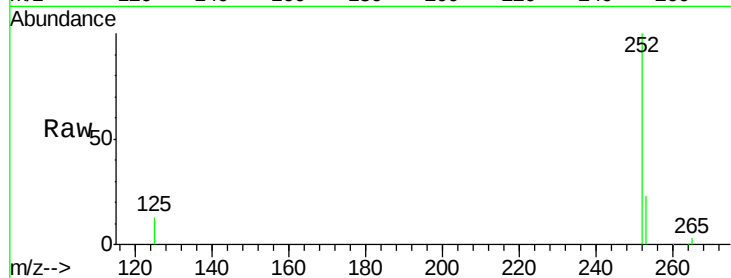




#21
Benzo(b)fluoranthene
Concen: 0.76 ng/u1
RT: 22.79 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BM000665.D
Acq: 09 Mar 2015 17:45

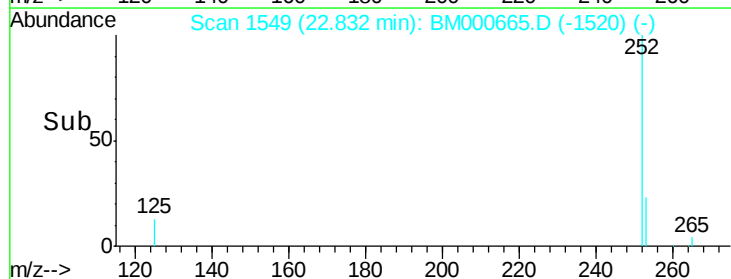
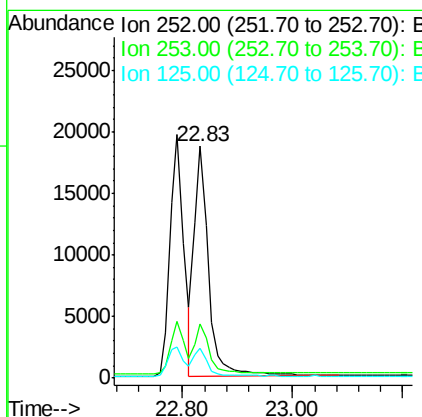
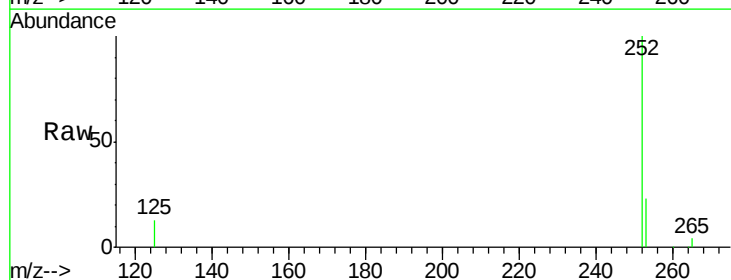
Instrument :
BNA_M
ClientSampleId :
SSTD0.850

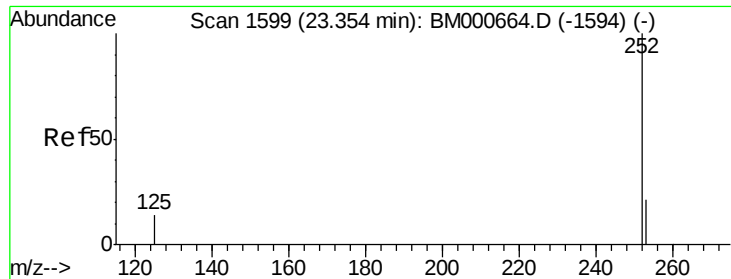
Tgt Ion:252 Resp: 33805
Ion Ratio Lower Upper
252 100
253 23.3 0.0 51.4
125 12.9 0.0 28.6



#22
Benzo(k)fluoranthene
Concen: 0.76 ng/u1
RT: 22.83 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BM000665.D
Acq: 09 Mar 2015 17:45

Tgt Ion:252 Resp: 33587
Ion Ratio Lower Upper
252 100
253 23.1 20.3 30.5
125 12.8 11.6 17.4





#23

Benzo(a)pyrene

Concen: 0.78 ng/ul

RT: 23.35 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BM000665.D

Acq: 09 Mar 2015 17:45

Instrument :

BNA_M

ClientSampleId :

SSTD0.850

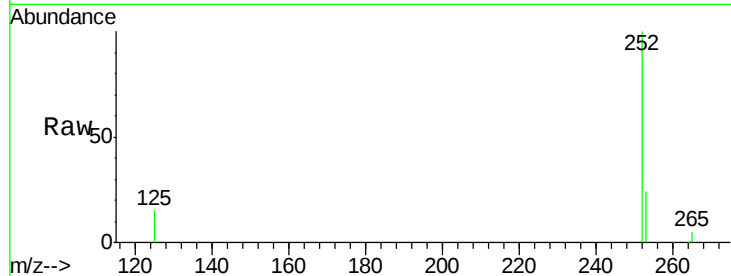
Tgt Ion:252 Resp: 31461

Ion Ratio Lower Upper

252 100

253 23.7 21.3 31.9

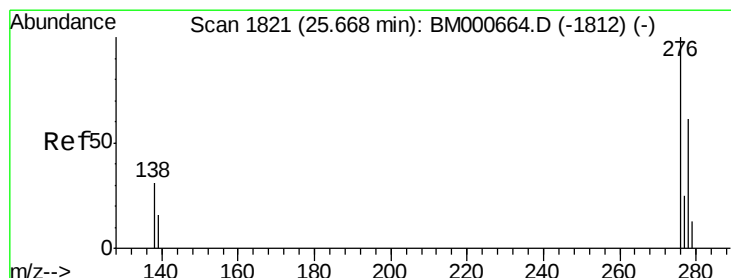
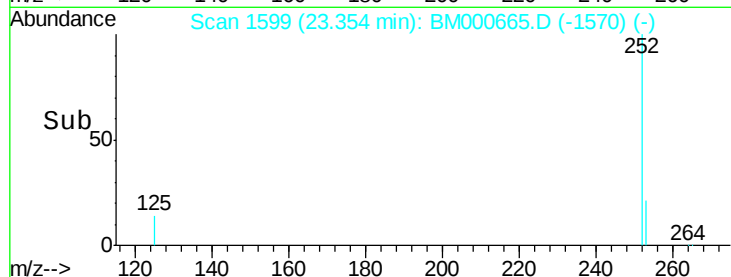
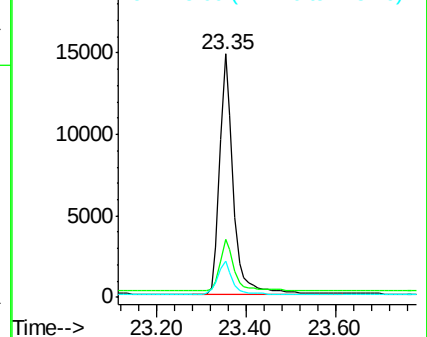
125 14.9 13.2 19.8



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: 0.92 ng/ul

RT: 25.67 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BM000665.D

Acq: 09 Mar 2015 17:45

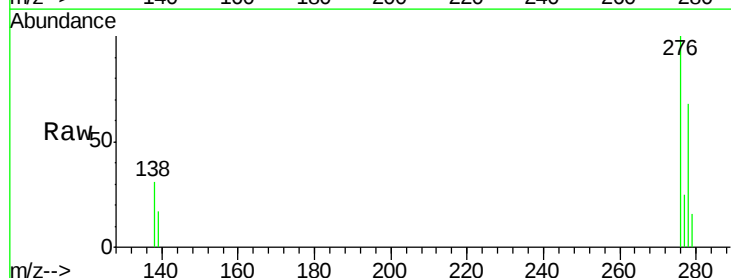
Tgt Ion:276 Resp: 36462

Ion Ratio Lower Upper

276 100

138 32.2 25.8 38.8

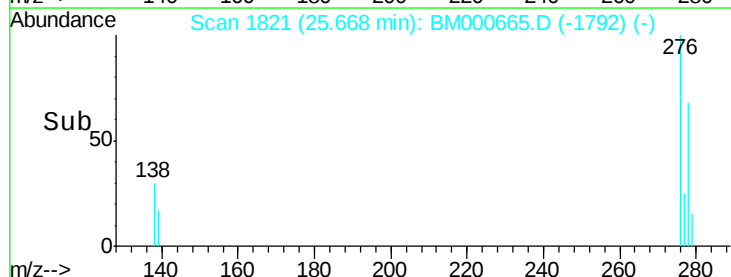
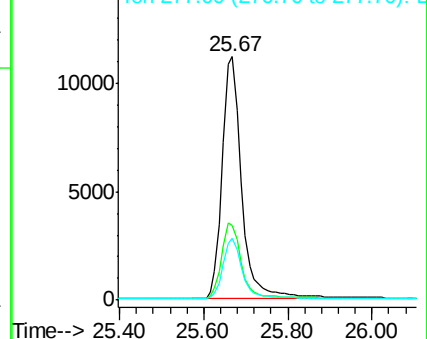
277 24.9 20.2 30.4

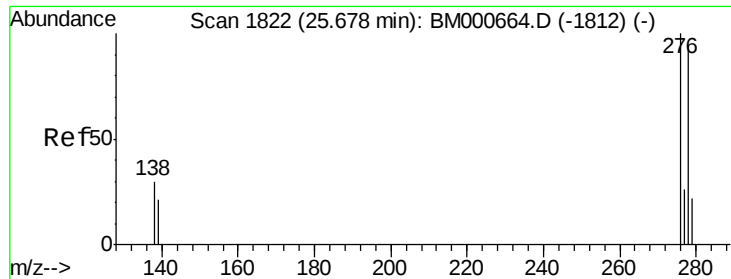


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



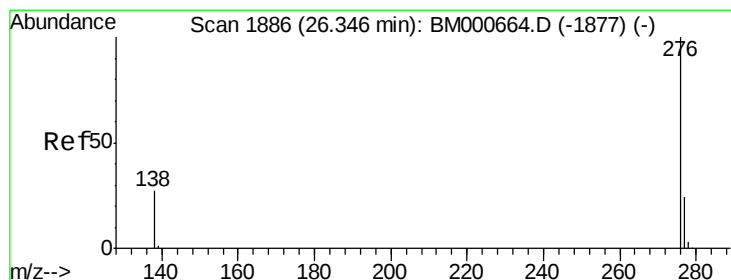
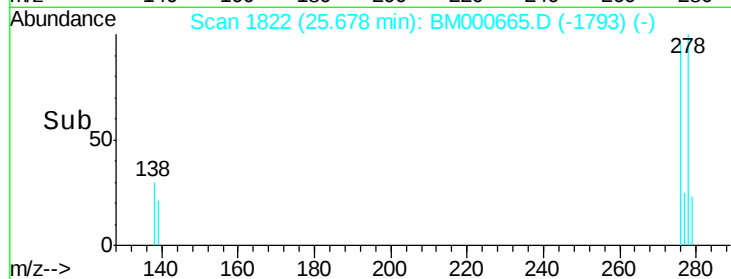
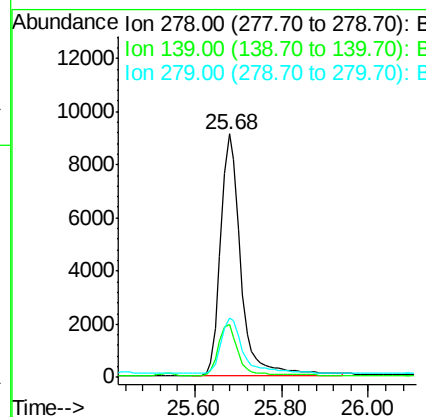
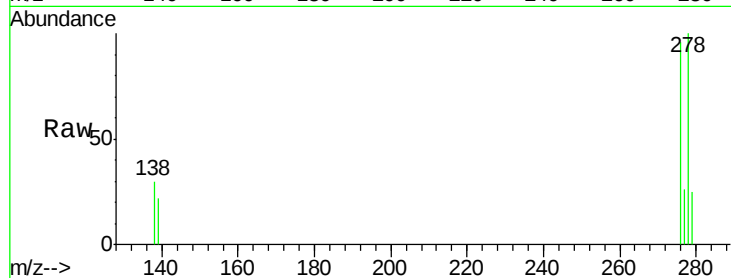


#25
Dibenzo(a,h)anthracene
Concen: 0.94 ng/ul
RT: 25.68 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM000665.D
Acq: 09 Mar 2015 17:45

Instrument :
BNA_M
ClientSampleId :
SSTD0.850

Tgt Ion: 278 Resp: 29610

Ion	Ratio	Lower	Upper
278	100		
139	21.6	18.8	28.2
279	24.5	21.4	32.0



#26
Benzo(g,h,i)perylene
Concen: 0.93 ng/ul
RT: 26.33 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BM000665.D
Acq: 09 Mar 2015 17:45

Tgt Ion: 276 Resp: 32261

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.9	29.9
138	28.9	22.2	33.4

