

Data Path : Z:\HPCHEM1\BNA_M\Data\BM021315\
 Data File : BM000525.D
 Acq On : 13 Feb 2015 19:15
 Operator : TP/IZ
 Sample : SST0.407
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SST0.407

Quant Time: Feb 14 01:37:20 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3444	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	11529	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	7035	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	14367	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	12538	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	10809	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	5776	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	12089	0.40	ng/ul	0.00

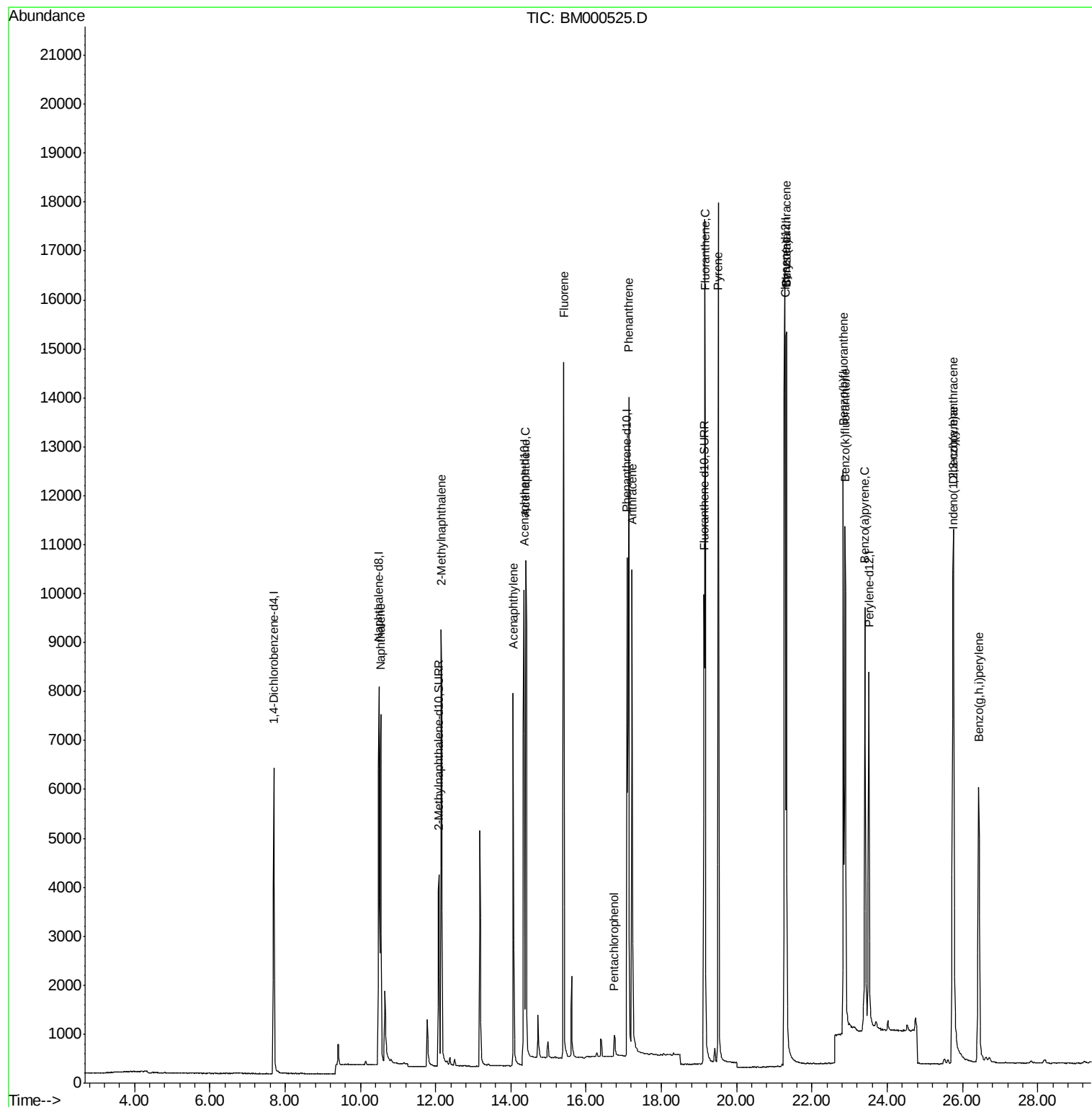
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	10909	0.40	ng/ul	100
5) 2-Methylnaphthalene	12.15	142	7313	0.40	ng/ul	99
7) Acenaphthylene	14.06	152	10305	0.39	ng/ul	95
8) Acenaphthene	14.40	153	7923	0.39	ng/ul#	81
9) Fluorene	15.40	166	9542	0.39	ng/ul	95
11) Pentachlorophenol	16.75	266	541	0.29	ng/ul	98
12) Phenanthrene	17.13	178	15606	0.40	ng/ul	97
13) Anthracene	17.23	178	14136	0.40	ng/ul	98
15) Fluoranthene	19.15	202	17863	0.41	ng/ul	93
17) Pyrene	19.51	202	18409	0.41	ng/ul	93
18) Benzo(a)anthracene	21.32	228	16508	0.47	ng/ul	98
19) Chrysene	21.32	228	16700	0.41	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	14562	0.40	ng/ul	97
22) Benzo(k)fluoranthene	22.88	252	15301	0.42	ng/ul	97
23) Benzo(a)pyrene	23.41	252	13909	0.41	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.74	276	14611	0.38	ng/ul	99
25) Dibenzo(a,h)anthracene	25.75	278	11466	0.38	ng/ul	96
26) Benzo(g,h,i)perylene	26.43	276	13024	0.39	ng/ul	99

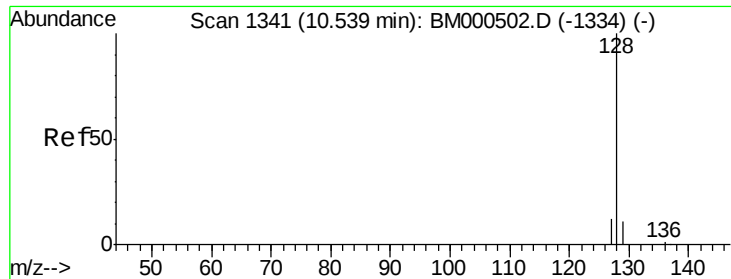
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM021315\
Data File : BM000525.D
Acq On : 13 Feb 2015 19:15
Operator : TP/IZ
Sample : SST0.407
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SST0.407

Quant Time: Feb 14 01:37:20 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 12 16:45:55 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.40 ng/ul

RT: 10.54 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM000525.D

Acq: 13 Feb 2015 19:15

Instrument :

BNA_M

LabSampleId :

SSTD0.407

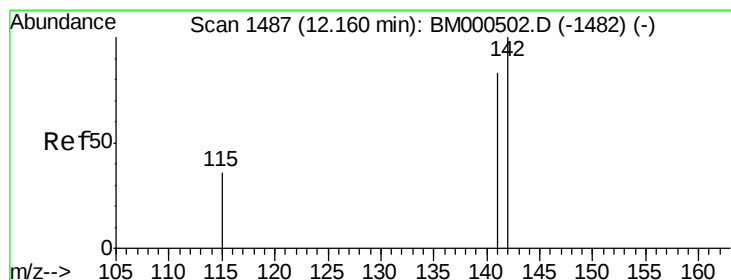
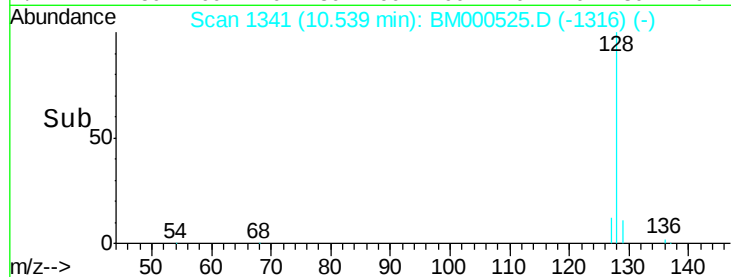
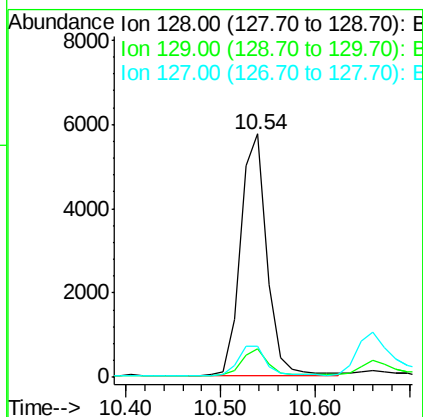
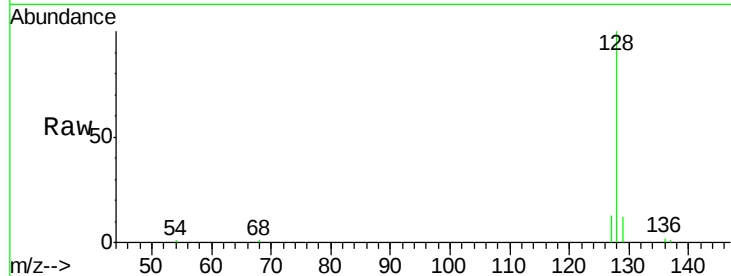
Tgt Ion:128 Resp: 10909

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

127 12.9 10.4 15.6



#5

2-Methylnaphthalene

Concen: 0.40 ng/ul

RT: 12.15 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BM000525.D

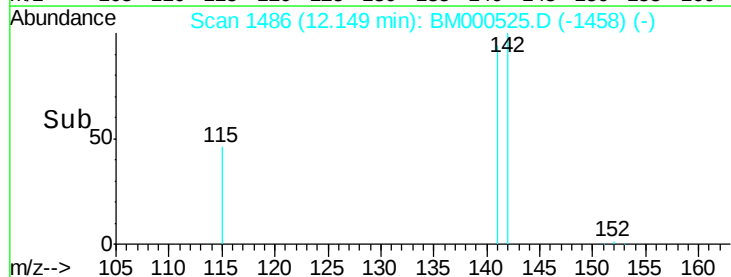
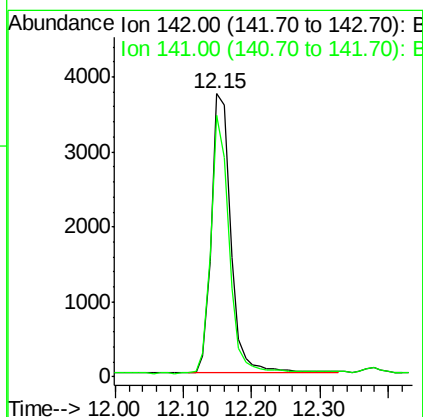
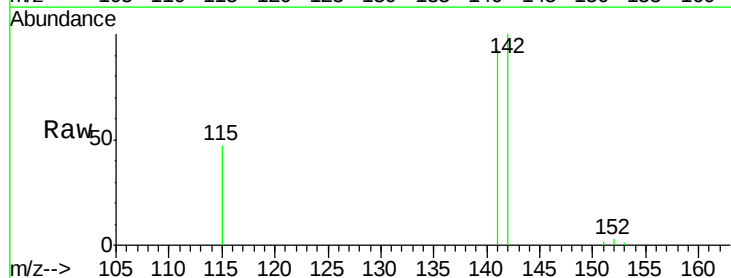
Acq: 13 Feb 2015 19:15

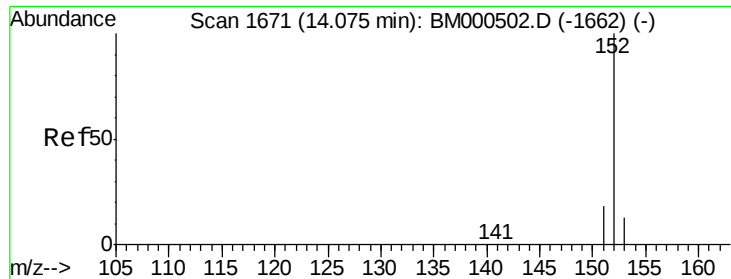
Tgt Ion:142 Resp: 7313

Ion Ratio Lower Upper

142 100

141 88.3 69.9 104.9





#7

Acenaphthylene

Concen: 0.39 ng/ul

RT: 14.06 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BM000525.D

Acq: 13 Feb 2015 19:15

Instrument :

BNA_M

LabSampleId :

SSTD0.407

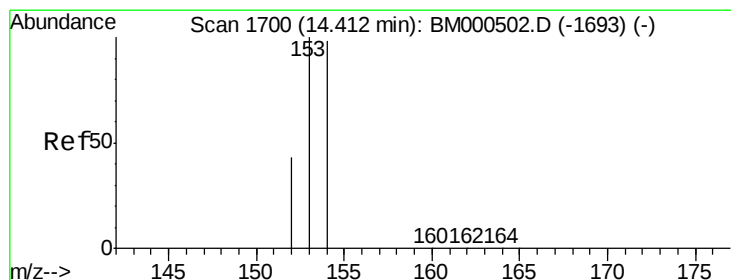
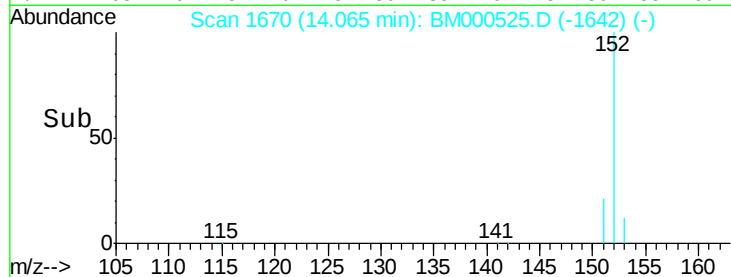
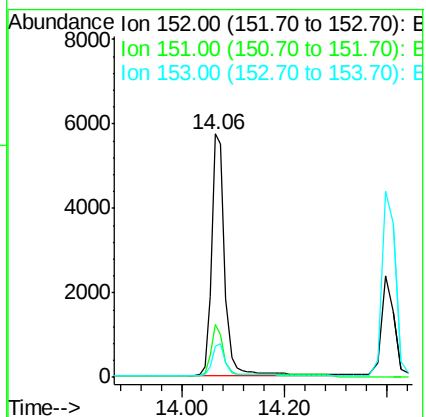
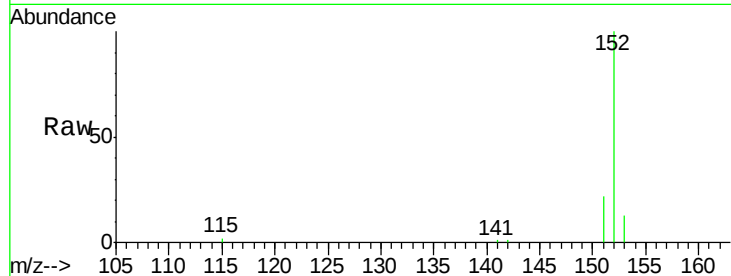
Tgt Ion:152 Resp: 10305

Ion Ratio Lower Upper

152 100

151 21.8 15.0 22.6

153 12.8 11.1 16.7



#8

Acenaphthene

Concen: 0.39 ng/ul

RT: 14.40 min Scan# 1699

Delta R.T. -0.02 min

Lab File: BM000525.D

Acq: 13 Feb 2015 19:15

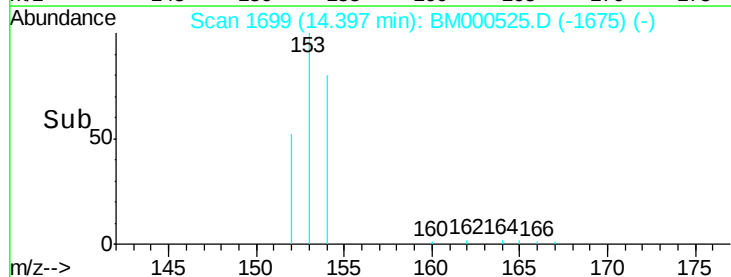
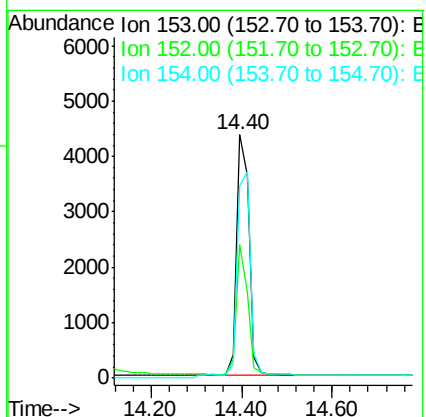
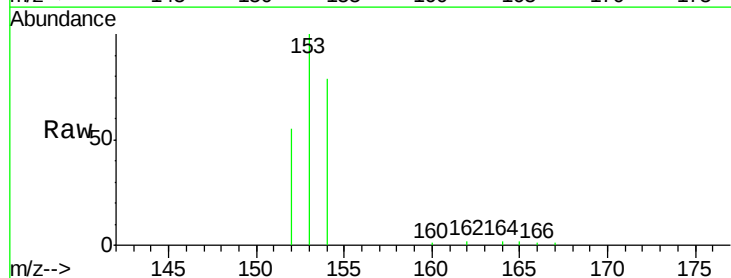
Tgt Ion:153 Resp: 7923

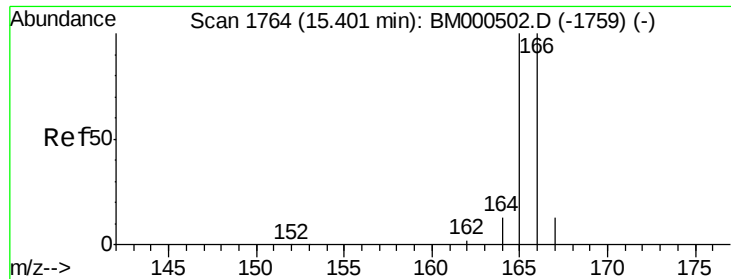
Ion Ratio Lower Upper

153 100

152 54.9 35.1 52.7#

154 78.9 78.5 117.7

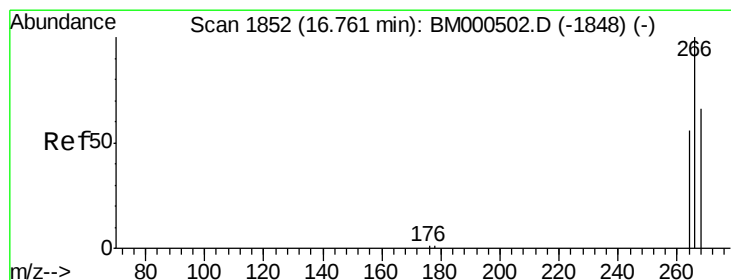
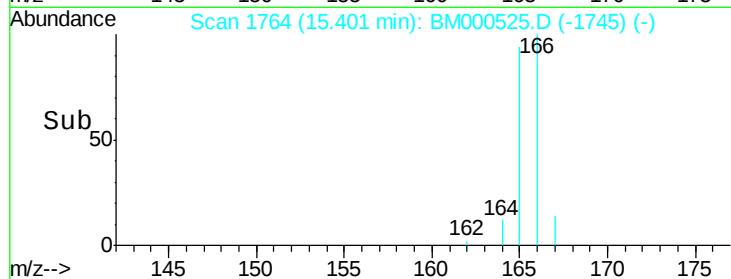
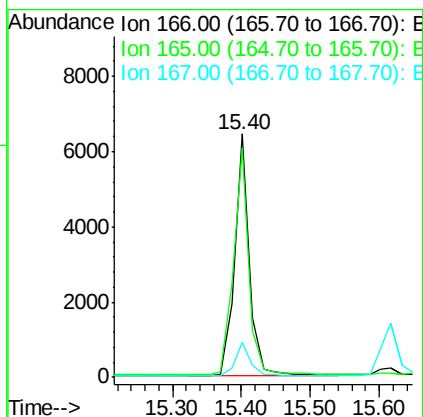
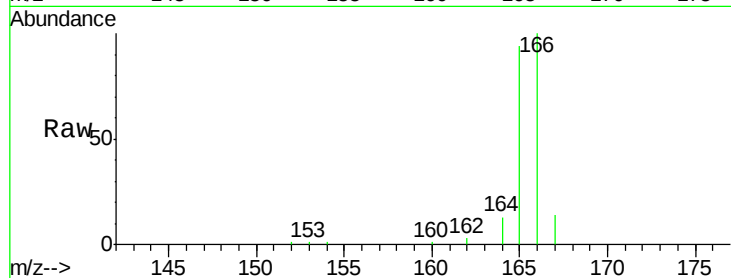




#9
Fluorene
 Concen: 0.39 ng/ul
 RT: 15.40 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BM000525.D
 Acq: 13 Feb 2015 19:15

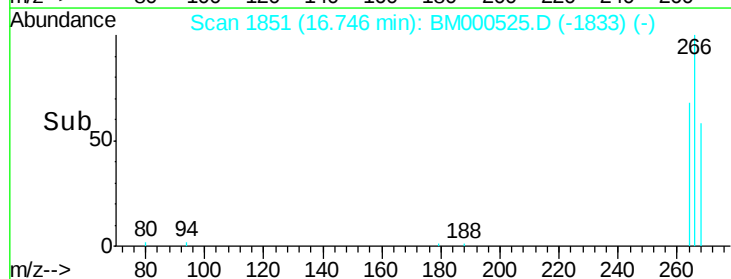
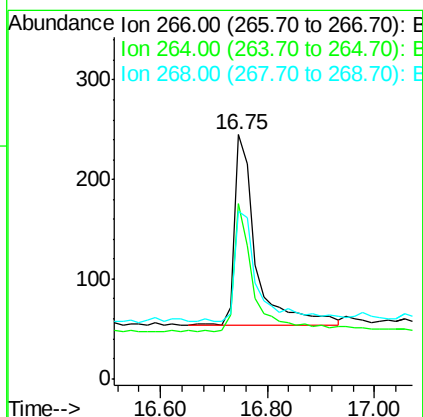
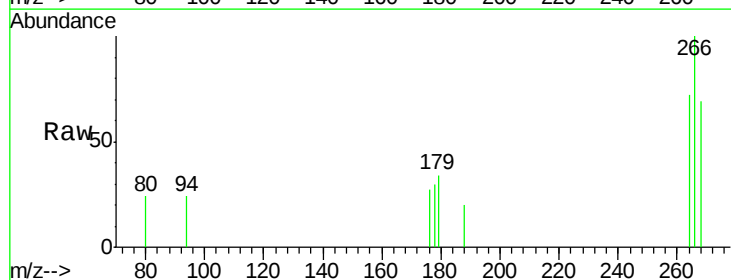
Instrument :
 BNA_M
 LabSampleId :
 SST0.407

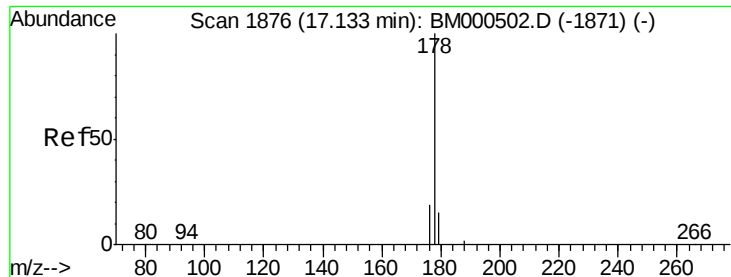
Tgt Ion:166 Resp: 9542
 Ion Ratio Lower Upper
 166 100
 165 94.5 80.0 120.0
 167 14.3 11.4 17.2



#11
Pentachlorophenol
 Concen: 0.29 ng/ul
 RT: 16.75 min Scan# 1851
 Delta R.T. -0.02 min
 Lab File: BM000525.D
 Acq: 13 Feb 2015 19:15

Tgt Ion:266 Resp: 541
 Ion Ratio Lower Upper
 266 100
 264 64.0 51.4 77.2
 268 63.4 48.7 73.1





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 17.13 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BM000525.D

Acq: 13 Feb 2015 19:15

Instrument :

BNA_M

LabSampleId :

SSTD0.407

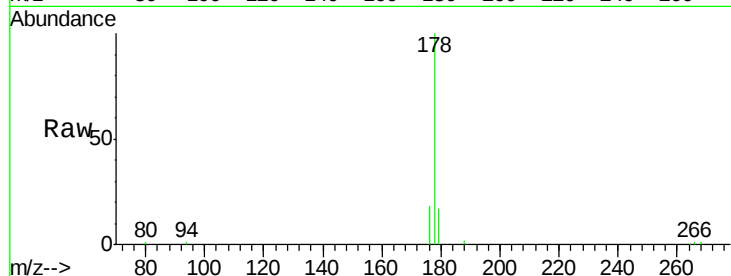
Tgt Ion:178 Resp: 15606

Ion Ratio Lower Upper

178 100

176 17.9 15.5 23.3

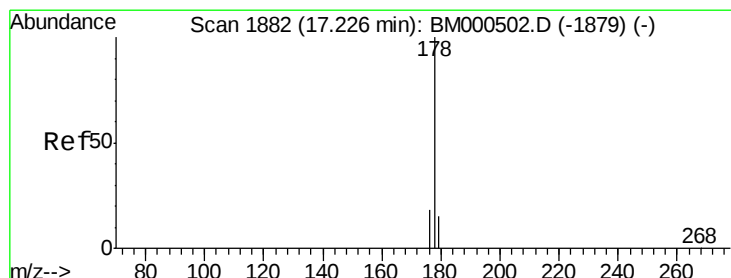
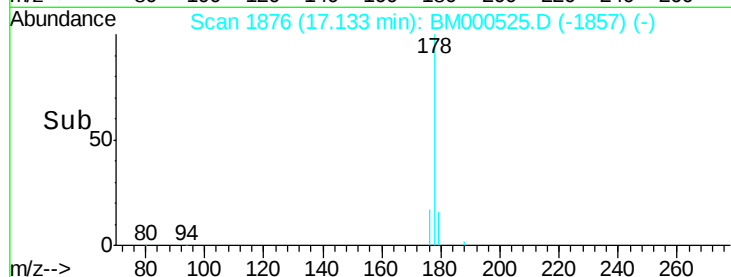
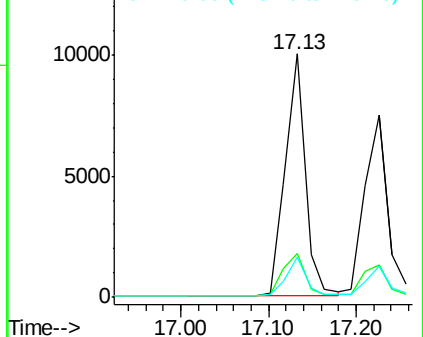
179 16.6 12.5 18.7



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: 0.40 ng/ul

RT: 17.23 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BM000525.D

Acq: 13 Feb 2015 19:15

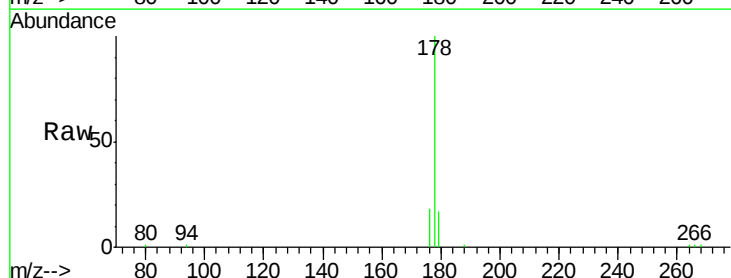
Tgt Ion:178 Resp: 14136

Ion Ratio Lower Upper

178 100

176 17.5 14.9 22.3

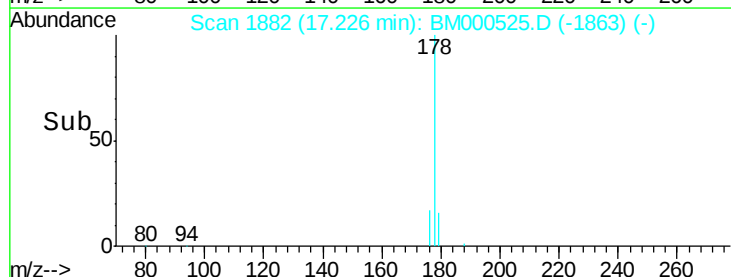
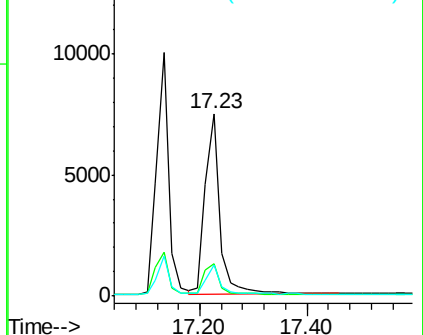
179 17.0 12.8 19.2

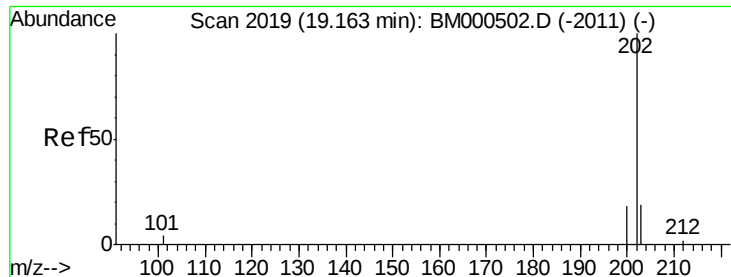


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

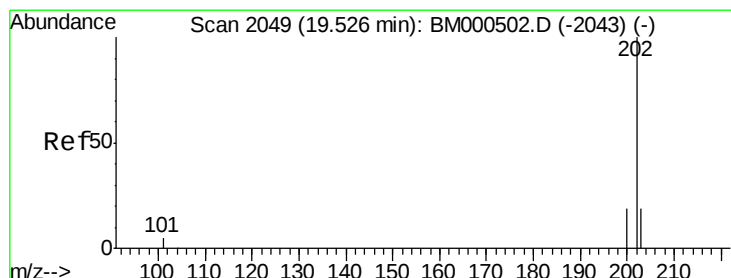
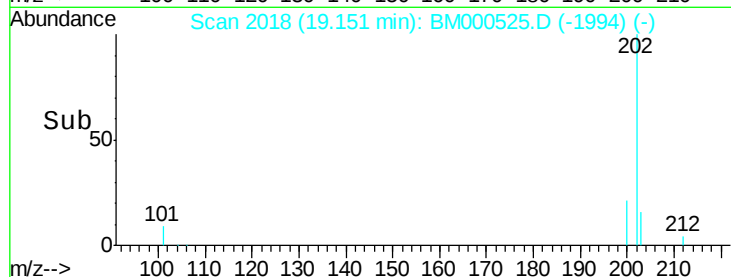
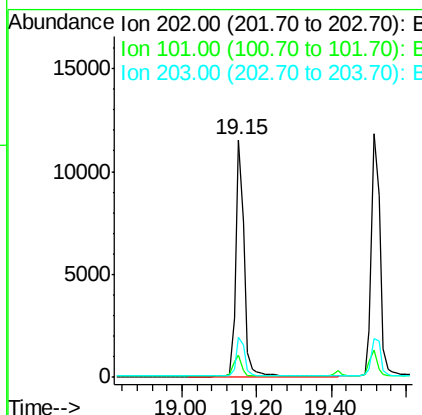
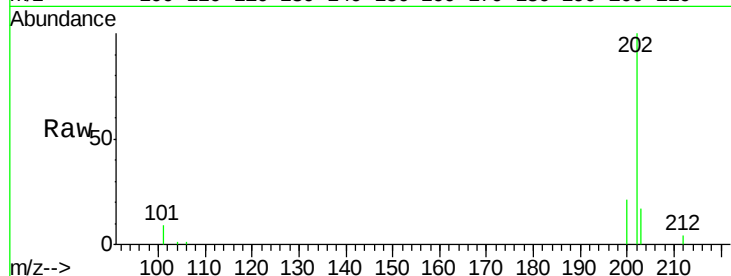




#15
Fluoranthene
Concen: 0.41 ng/ul
RT: 19.15 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM000525.D
Acq: 13 Feb 2015 19:15

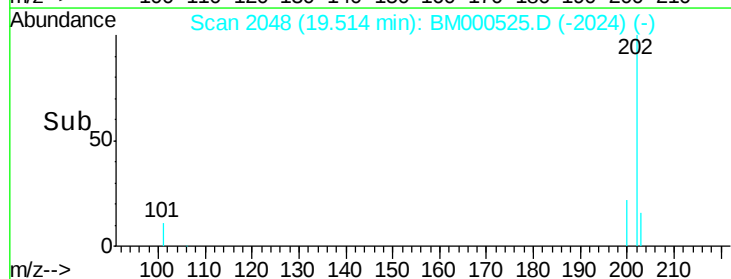
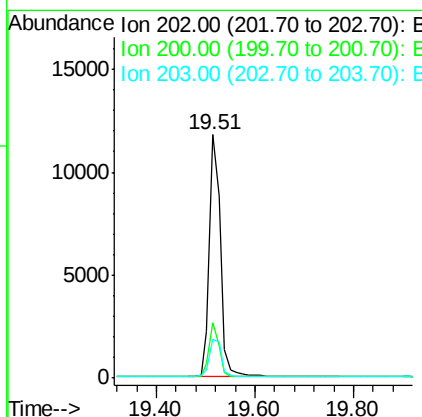
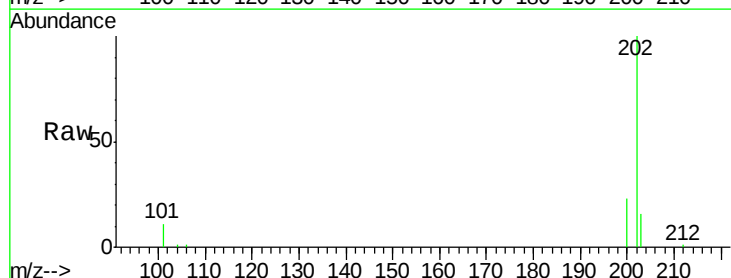
Instrument :
BNA_M
LabSampleId :
SSTD0.407

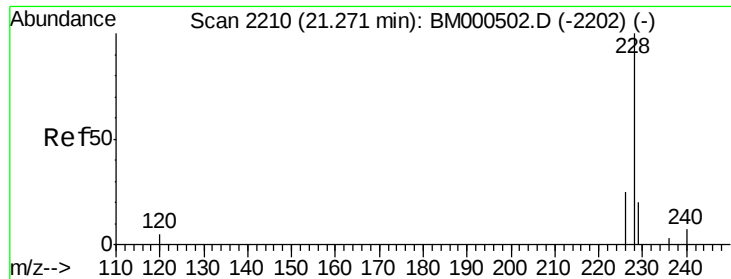
Tgt Ion:202 Resp: 17863
Ion Ratio Lower Upper
202 100
101 9.1 0.0 24.8
203 16.7 0.0 39.2



#17
Pyrene
Concen: 0.41 ng/ul
RT: 19.51 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BM000525.D
Acq: 13 Feb 2015 19:15

Tgt Ion:202 Resp: 18409
Ion Ratio Lower Upper
202 100
200 22.7 15.4 23.0
203 16.1 15.4 23.2





#18

Benzo(a)anthracene

Concen: 0.47 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. 0.05 min

Lab File: BM000525.D

Acq: 13 Feb 2015 19:15

Instrument :

BNA_M

LabSampleId :

SSTD0.407

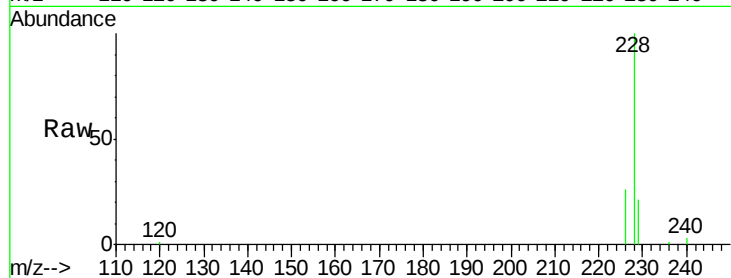
Tgt Ion:228 Resp: 16508

Ion Ratio Lower Upper

228 100

226 26.4 20.6 31.0

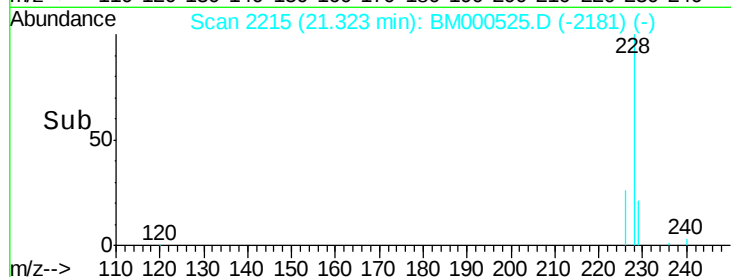
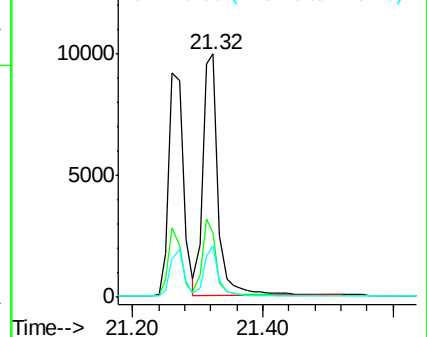
229 21.4 16.3 24.5



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: 0.41 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BM000525.D

Acq: 13 Feb 2015 19:15

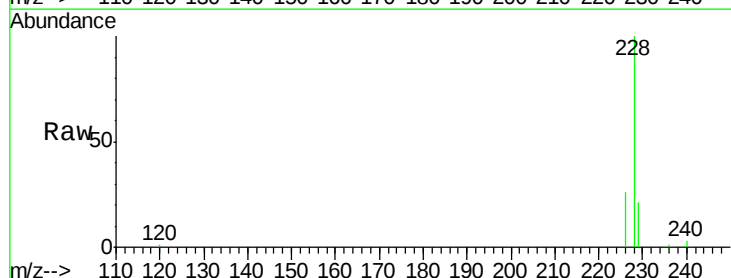
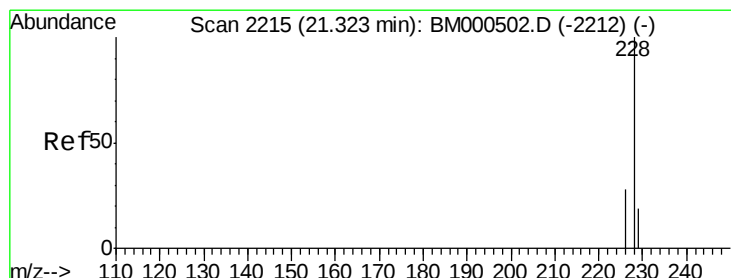
Tgt Ion:228 Resp: 16700

Ion Ratio Lower Upper

228 100

226 26.4 22.7 34.1

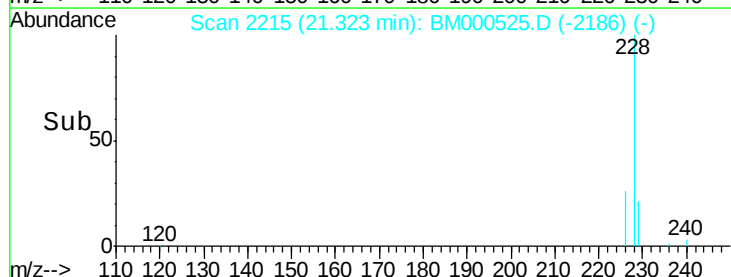
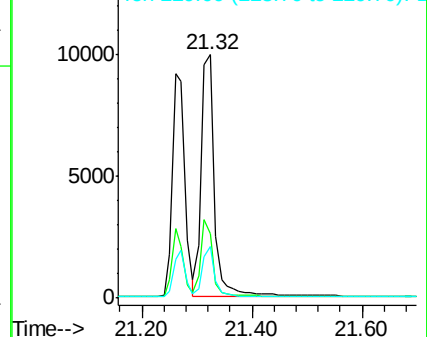
229 21.4 16.0 24.0

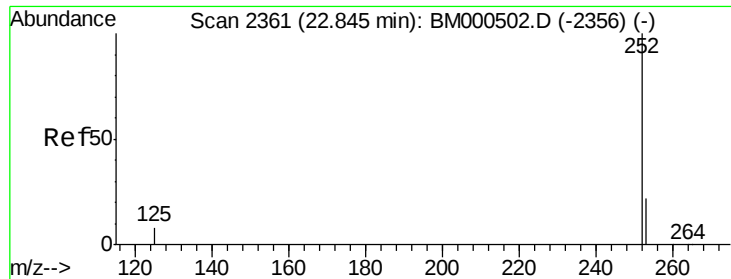


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

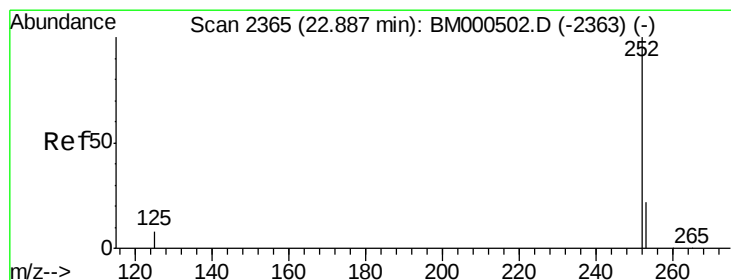
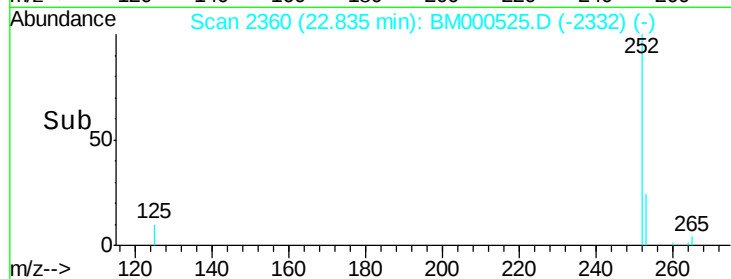
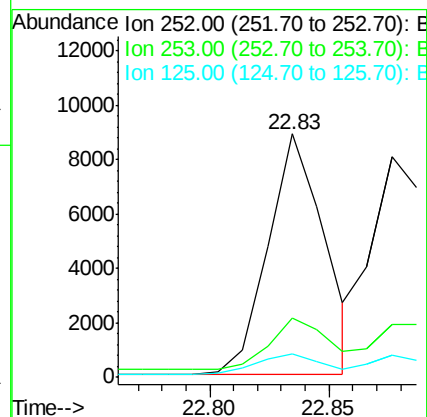
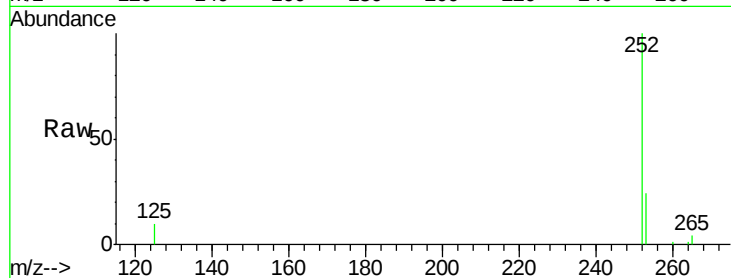




#21
Benzo(b)fluoranthene
Concen: 0.40 ng/u1
RT: 22.83 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BM000525.D
Acq: 13 Feb 2015 19:15

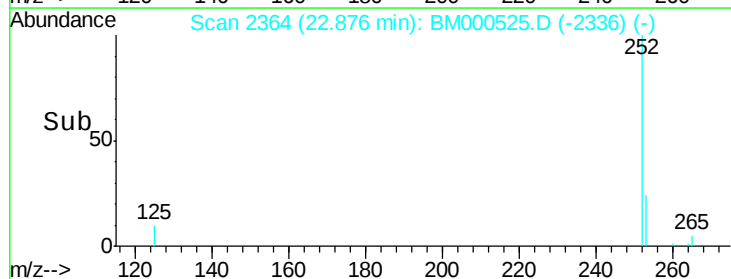
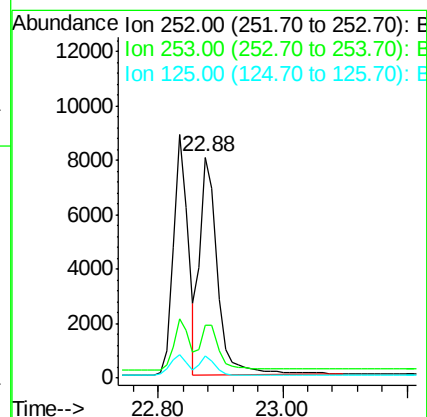
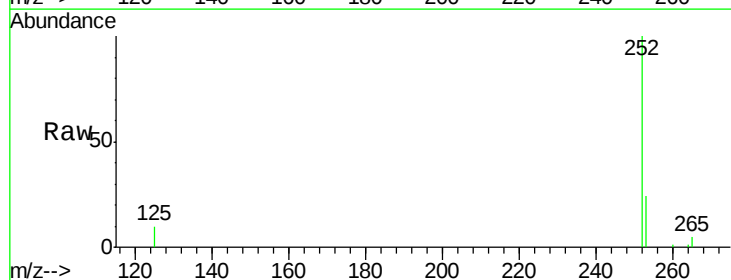
Instrument :
BNA_M
LabSampleId :
SSTD0.407

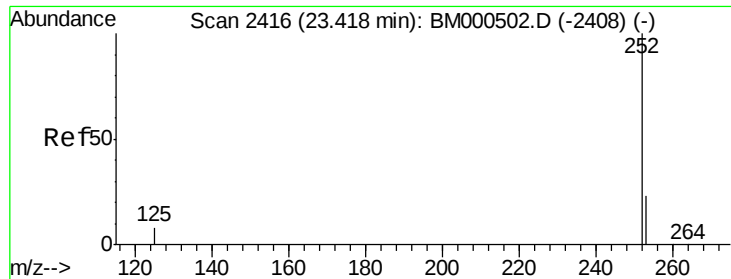
Tgt Ion:252 Resp: 14562
Ion Ratio Lower Upper
252 100
253 24.4 0.0 52.6
125 9.8 0.0 17.6



#22
Benzo(k)fluoranthene
Concen: 0.42 ng/u1
RT: 22.88 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BM000525.D
Acq: 13 Feb 2015 19:15

Tgt Ion:252 Resp: 15301
Ion Ratio Lower Upper
252 100
253 23.6 20.2 30.4
125 10.0 7.4 11.0





#23

Benzo(a)pyrene

Concen: 0.41 ng/ul

RT: 23.41 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM000525.D

Acq: 13 Feb 2015 19:15

Instrument :

BNA_M

LabSampleId :

SSTD0.407

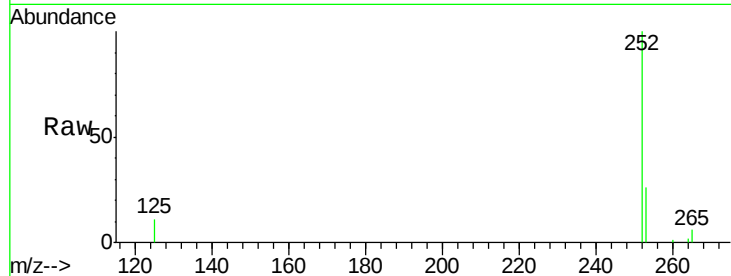
Tgt Ion:252 Resp: 13909

Ion Ratio Lower Upper

252 100

253 26.1 23.1 34.7

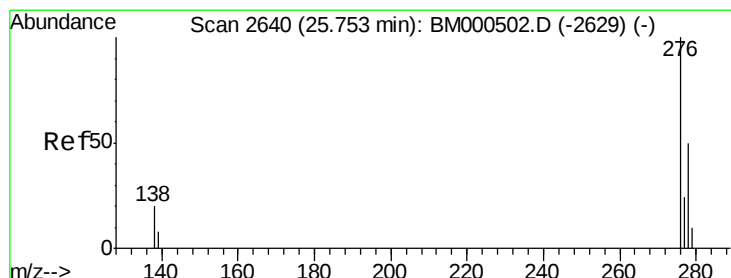
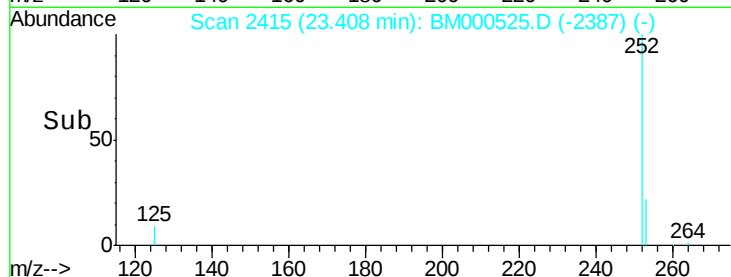
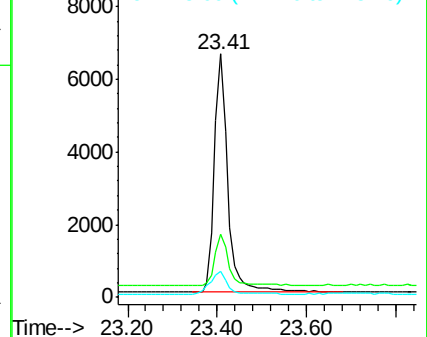
125 10.5 8.0 12.0



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.38 ng/ul

RT: 25.74 min Scan# 2639

Delta R.T. -0.01 min

Lab File: BM000525.D

Acq: 13 Feb 2015 19:15

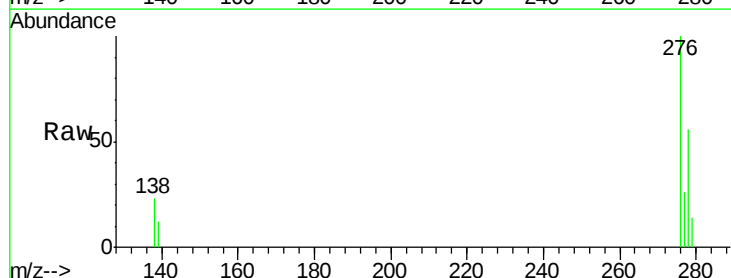
Tgt Ion:276 Resp: 14611

Ion Ratio Lower Upper

276 100

138 22.3 17.3 25.9

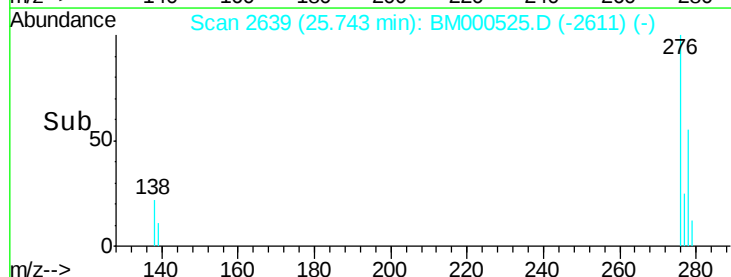
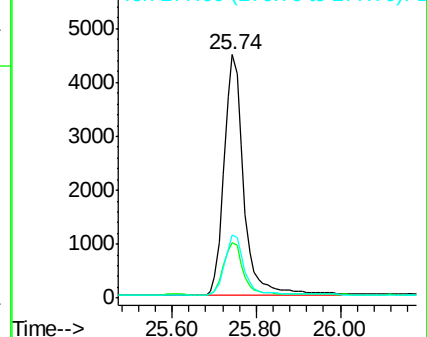
277 24.9 19.8 29.8

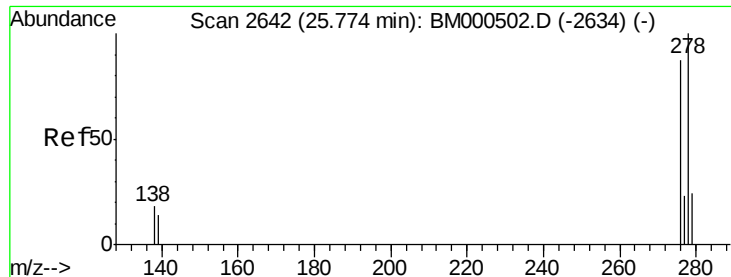


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



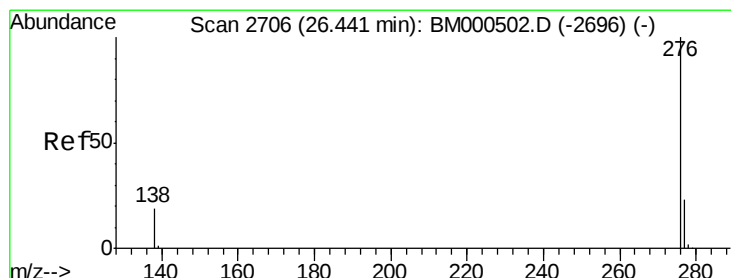
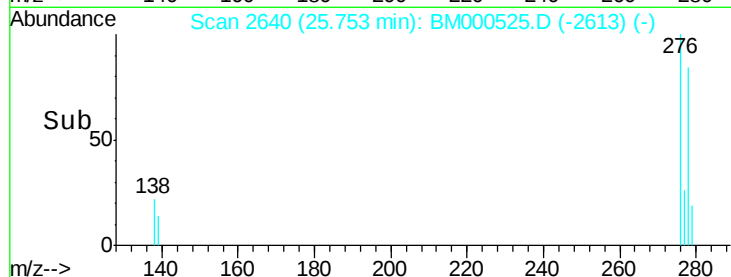
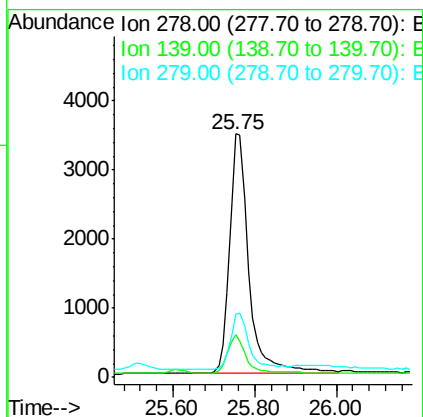
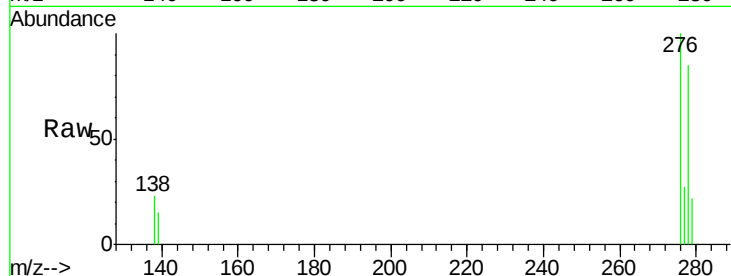


#25
Dibenzo(a,h)anthracene
Concen: 0.38 ng/ul
RT: 25.75 min Scan# 2640
Delta R.T. -0.02 min
Lab File: BM000525.D
Acq: 13 Feb 2015 19:15

Instrument :
BNA_M
LabSampleId :
SSTD0.407

Tgt Ion: 278 Resp: 11466

Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.5	18.7
279	26.1	22.2	33.2



#26
Benzo(g,h,i)perylene
Concen: 0.39 ng/ul
RT: 26.43 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BM000525.D
Acq: 13 Feb 2015 19:15

Tgt Ion: 276 Resp: 13024

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	19.4	16.0	24.0

