

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021215\
 Data File : BM000514.D
 Acq On : 12 Feb 2015 22:00
 Operator : TP/IZ
 Sample : SST0.405
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SST0.405

Quant Time: Feb 13 00:09:07 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	7.71	152	3383	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	11288	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	6758	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	13250	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	10853	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	9502	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	5693	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	10926	0.39	ng/ul	0.00

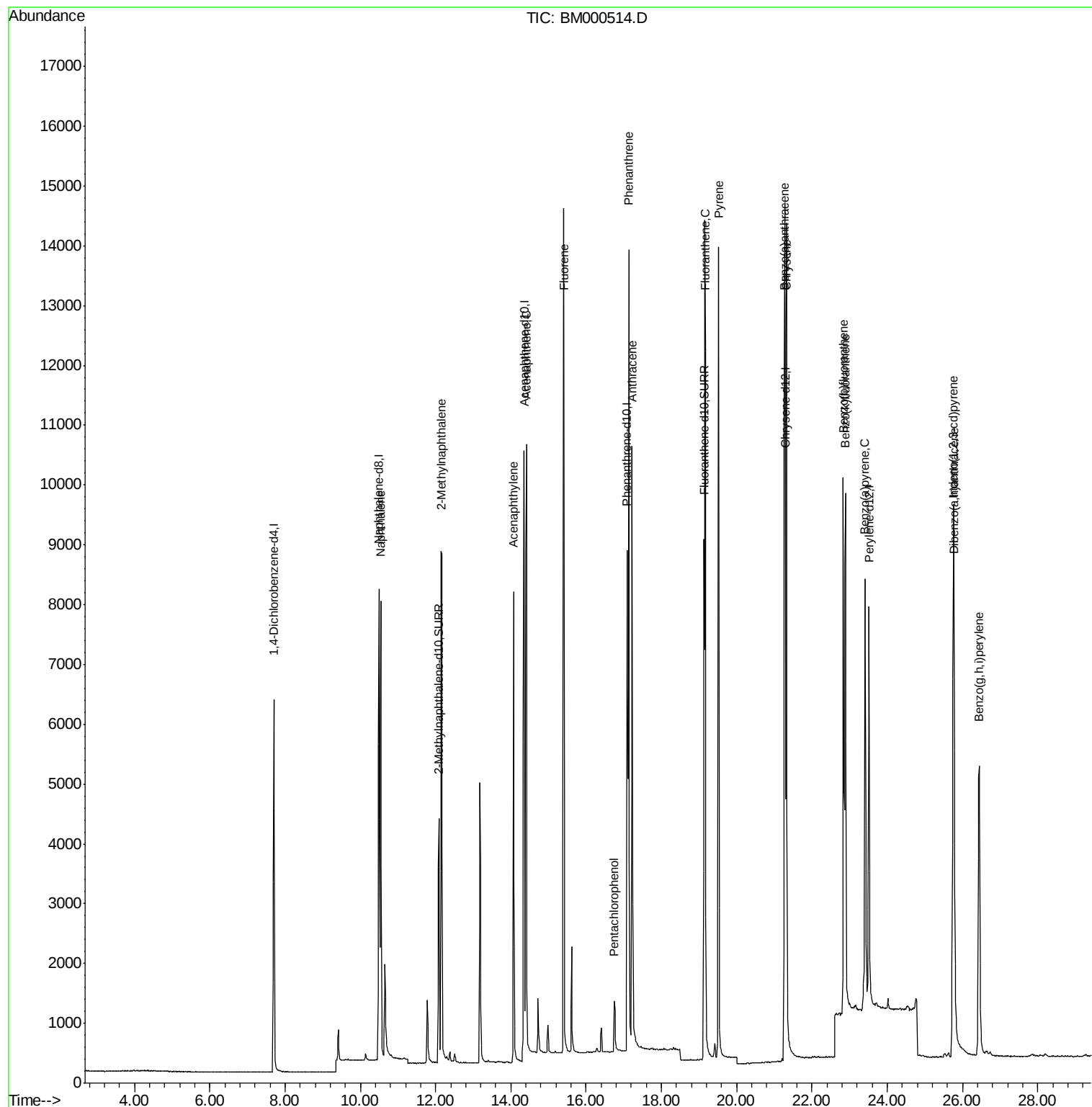
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	10733	0.41	ng/ul	100
5) 2-Methylnaphthalene	12.16	142	7191	0.40	ng/ul	100
7) Acenaphthylene	14.08	152	10186	0.40	ng/ul	99
8) Acenaphthene	14.41	153	7976	0.41	ng/ul	99
9) Fluorene	15.40	166	9166	0.39	ng/ul	98
11) Pentachlorophenol	16.75	266	910	0.53	ng/ul	98
12) Phenanthrene	17.13	178	14419	0.40	ng/ul	99
13) Anthracene	17.23	178	13013	0.40	ng/ul	98
15) Fluoranthene	19.15	202	15688	0.39	ng/ul	90
17) Pyrene	19.53	202	16371	0.42	ng/ul	99
18) Benzo(a)anthracene	21.27	228	12508	0.41	ng/ul	98
19) Chrysene	21.32	228	14607	0.41	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	13770	0.43	ng/ul	96
22) Benzo(k)fluoranthene	22.89	252	11911	0.37	ng/ul	98
23) Benzo(a)pyrene	23.41	252	11991	0.40	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.75	276	12822	0.38	ng/ul	99
25) Dibenzo(a,h)anthracene	25.77	278	10028	0.38	ng/ul	100
26) Benzo(g,h,i)perylene	26.44	276	11352	0.38	ng/ul	98

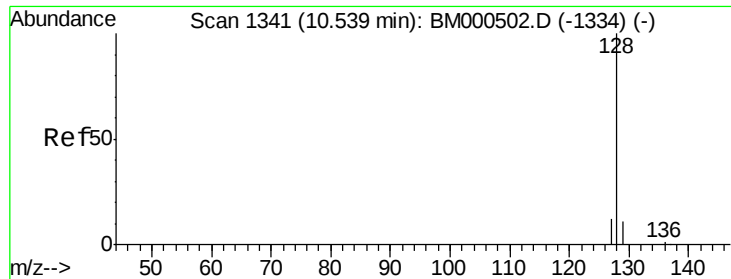
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021215\
Data File : BM000514.D
Acq On : 12 Feb 2015 22:00
Operator : TP/IZ
Sample : SST0.405
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD0.405

Quant Time: Feb 13 00:09:07 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: 0.41 ng/ul

RT: 10.54 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BM000514.D

Acq: 12 Feb 2015 22:00

Instrument :

BNA_M

LabSampleId :

SSTD0.405

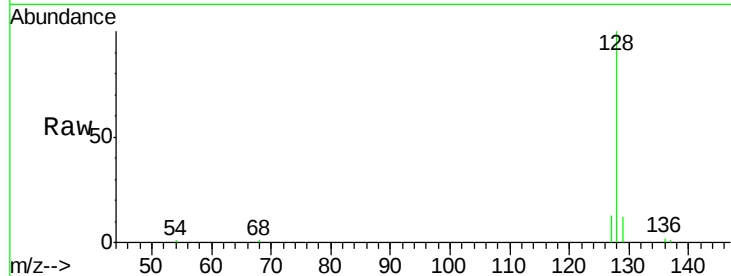
Tgt Ion:128 Resp: 10733

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

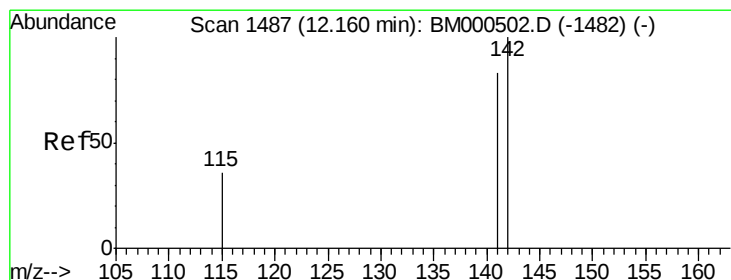
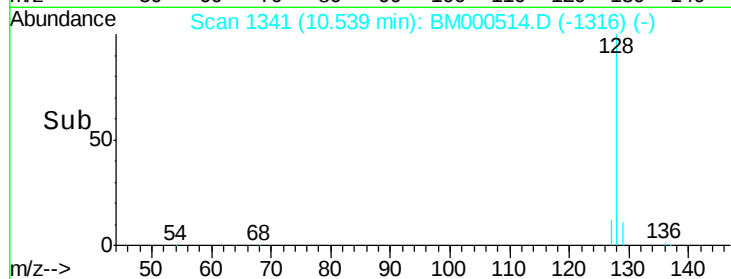
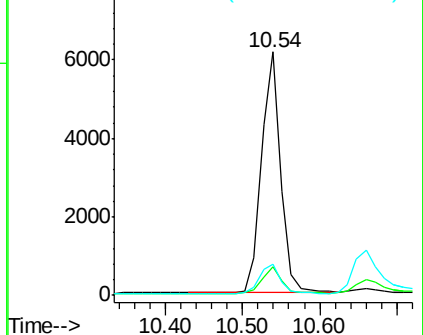
127 13.0 10.4 15.6



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: 0.40 ng/ul

RT: 12.16 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BM000514.D

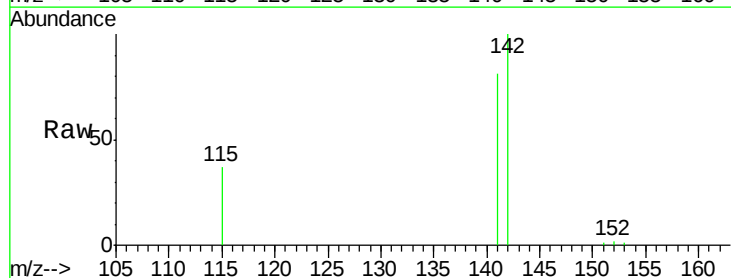
Acq: 12 Feb 2015 22:00

Tgt Ion:142 Resp: 7191

Ion Ratio Lower Upper

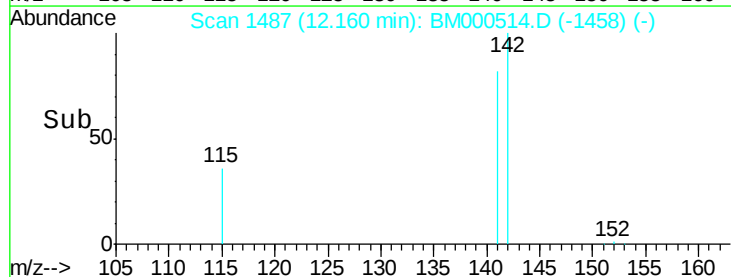
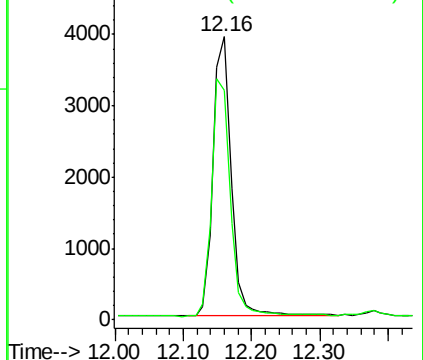
142 100

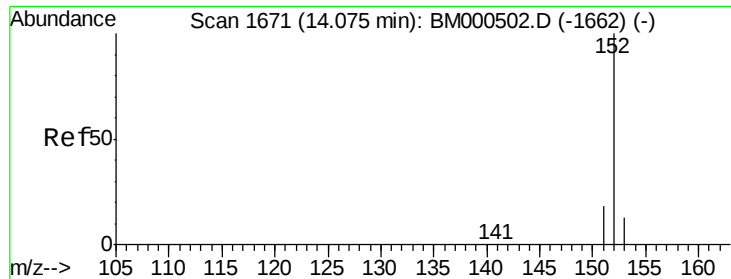
141 87.9 69.9 104.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.08 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BM000514.D

Acq: 12 Feb 2015 22:00

Instrument :

BNA_M

LabSampleId :

SSTD0.405

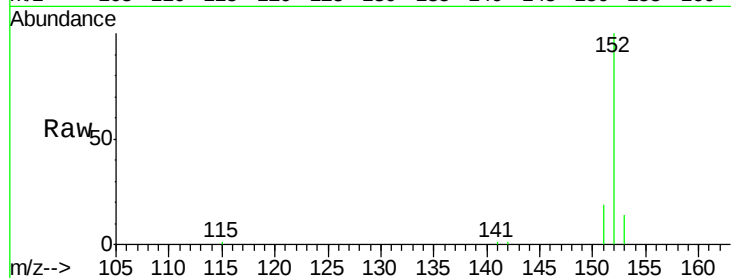
Tgt Ion:152 Resp: 10186

Ion Ratio Lower Upper

152 100

151 18.7 15.0 22.6

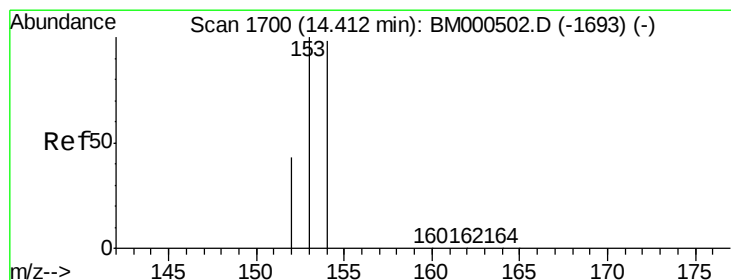
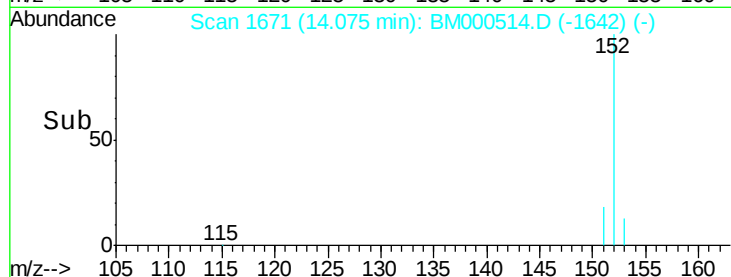
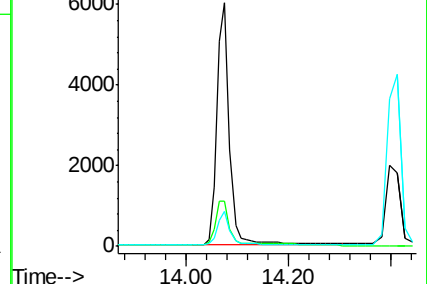
153 14.3 11.1 16.7



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: 0.41 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. 0.00 min

Lab File: BM000514.D

Acq: 12 Feb 2015 22:00

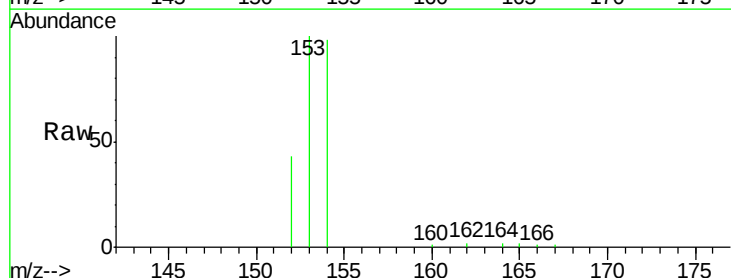
Tgt Ion:153 Resp: 7976

Ion Ratio Lower Upper

153 100

152 42.8 35.1 52.7

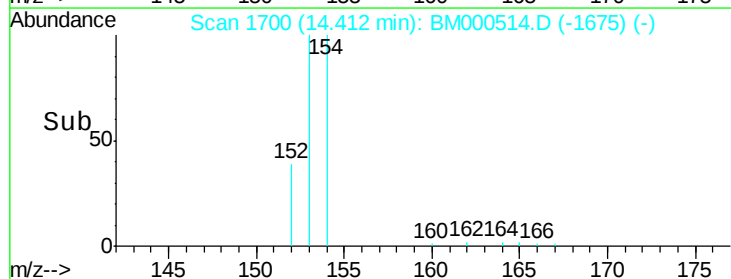
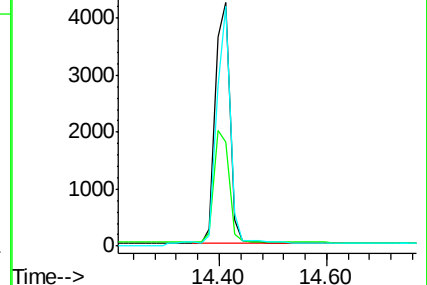
154 98.2 78.5 117.7

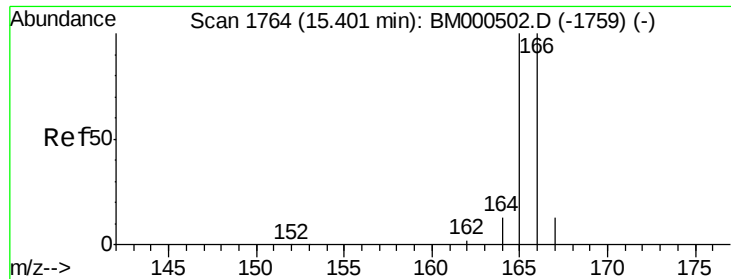


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

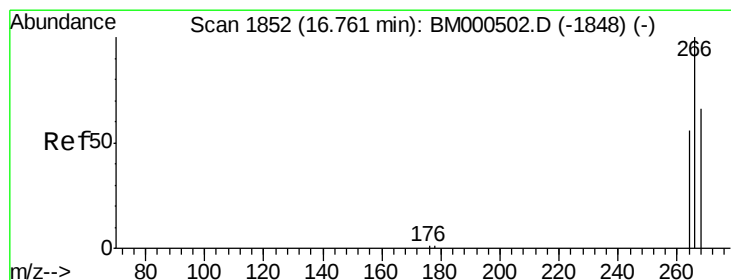
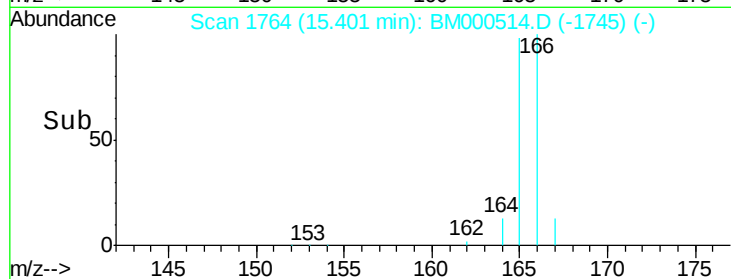
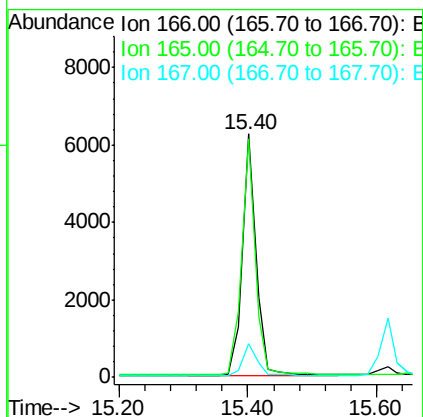
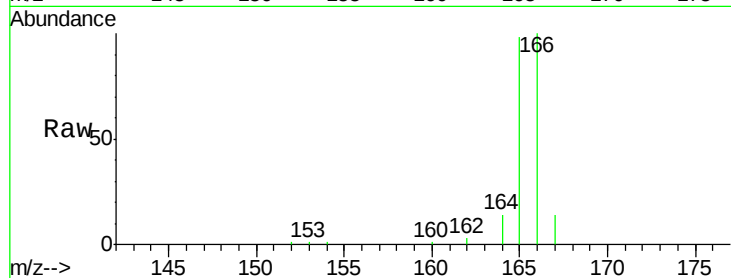




#9
 Fluorene
 Concen: 0.39 ng/ul
 RT: 15.40 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BM000514.D
 Acq: 12 Feb 2015 22:00

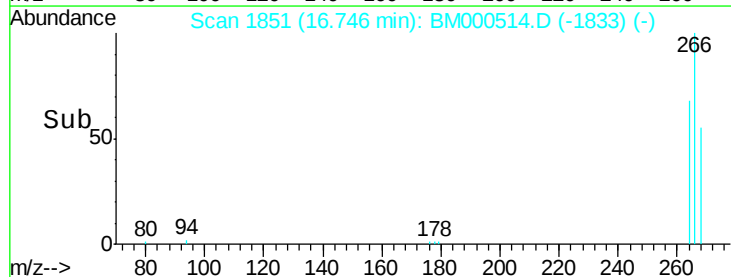
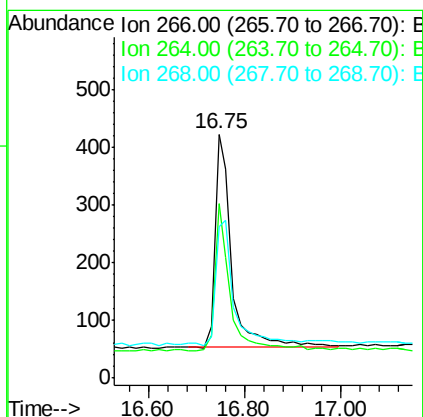
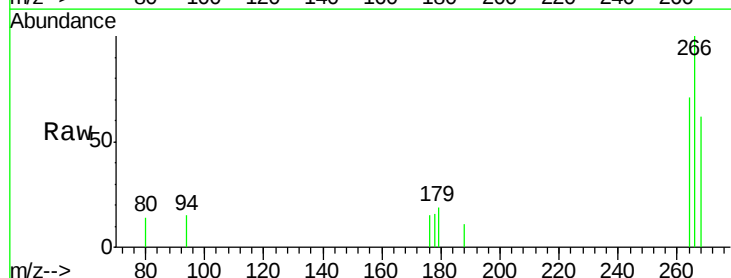
Instrument :
 BNA_M
 LabSampleId :
 SST0.405

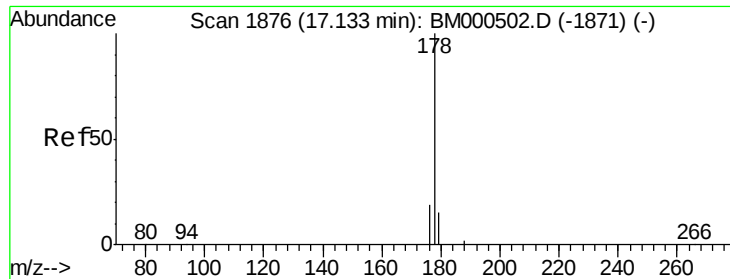
Tgt Ion:166 Resp: 9166
 Ion Ratio Lower Upper
 166 100
 165 98.1 80.0 120.0
 167 14.1 11.4 17.2



#11
 Pentachlorophenol
 Concen: 0.53 ng/ul
 RT: 16.75 min Scan# 1851
 Delta R.T. -0.02 min
 Lab File: BM000514.D
 Acq: 12 Feb 2015 22:00

Tgt Ion:266 Resp: 910
 Ion Ratio Lower Upper
 266 100
 264 63.6 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: BM000514.D

Acq: 12 Feb 2015 22:00

Instrument :

BNA_M

LabSampleId :

SSTD0.405

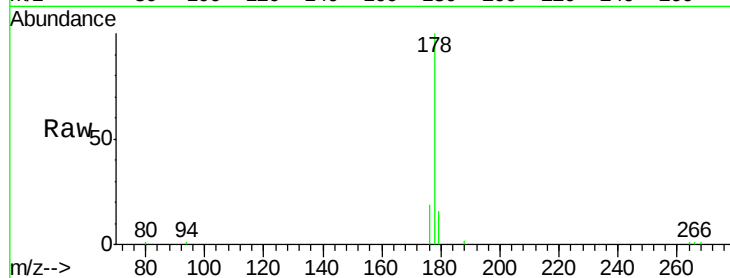
Tgt Ion:178 Resp: 14419

Ion Ratio Lower Upper

178 100

176 18.8 15.5 23.3

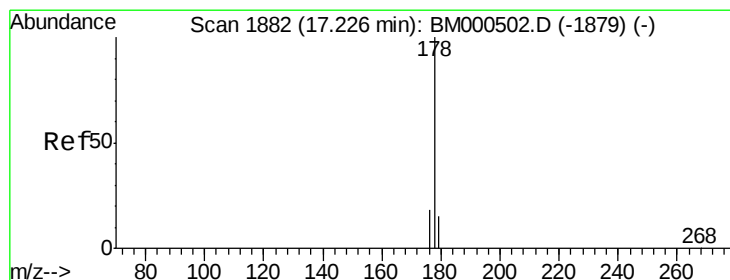
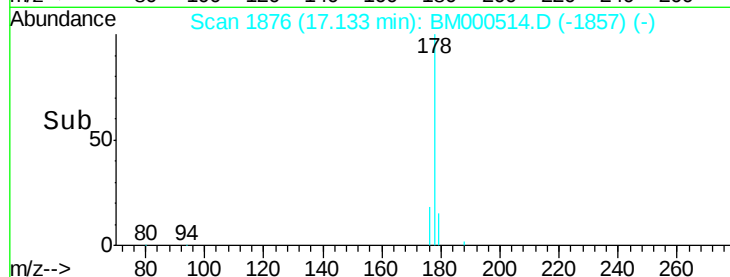
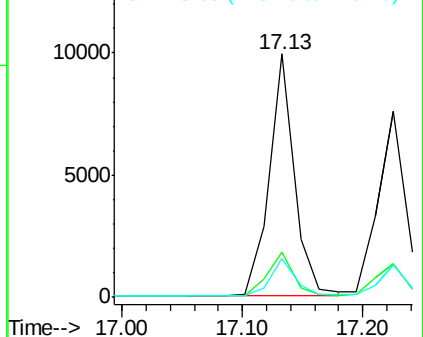
179 15.7 12.5 18.7



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: BM000514.D

Acq: 12 Feb 2015 22:00

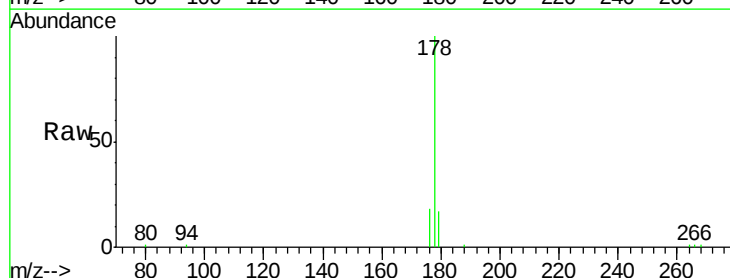
Tgt Ion:178 Resp: 13013

Ion Ratio Lower Upper

178 100

176 17.7 14.9 22.3

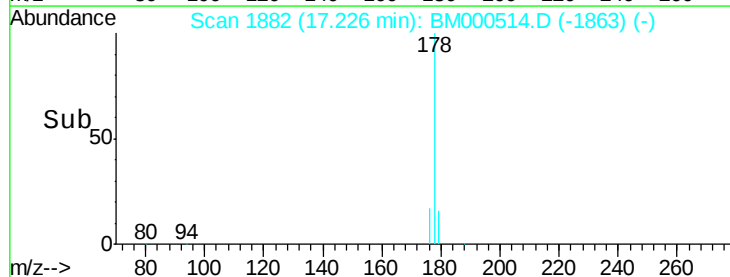
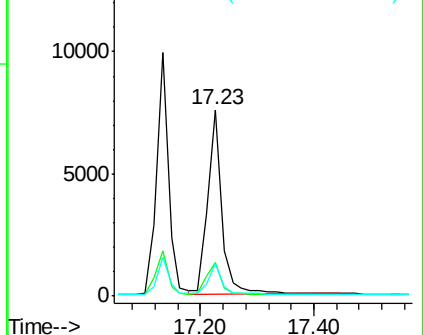
179 17.1 12.8 19.2

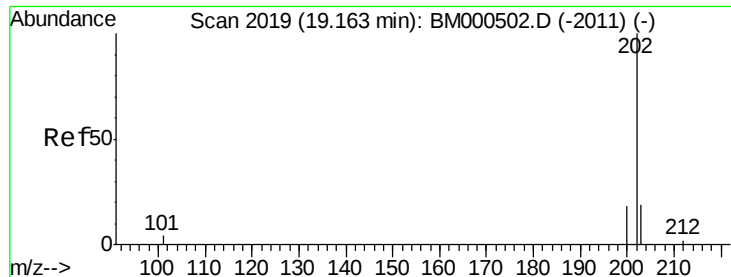


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.39 ng/ul

RT: 19.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BM000514.D

Acq: 12 Feb 2015 22:00

Instrument :

BNA_M

LabSampleId :

SSTD0.405

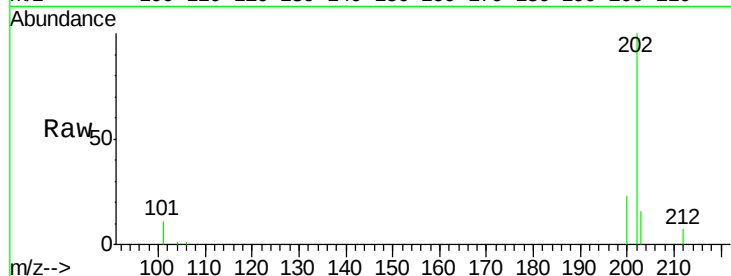
Tgt Ion:202 Resp: 15688

Ion Ratio Lower Upper

202 100

101 11.0 0.0 24.8

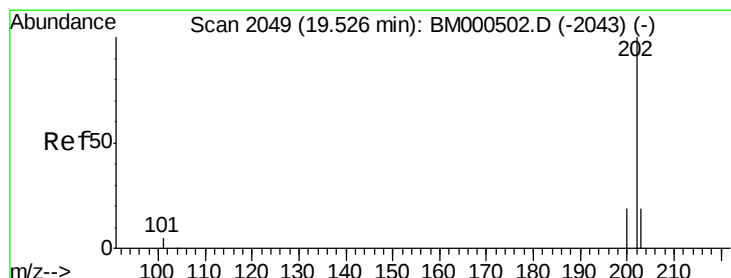
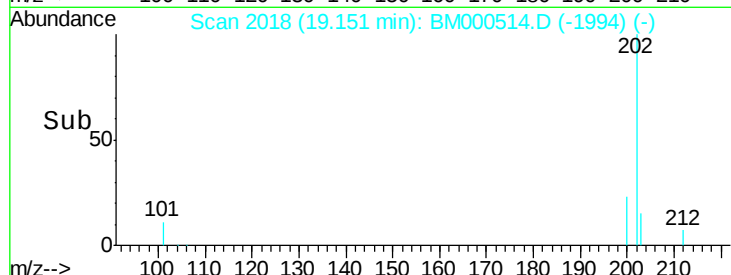
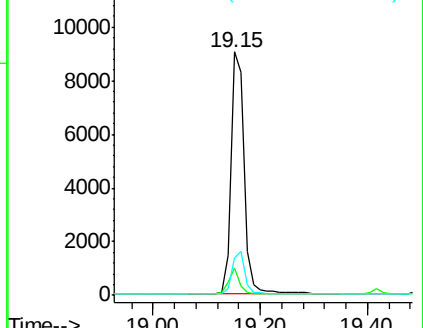
203 15.6 0.0 39.2



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: 0.42 ng/ul

RT: 19.53 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM000514.D

Acq: 12 Feb 2015 22:00

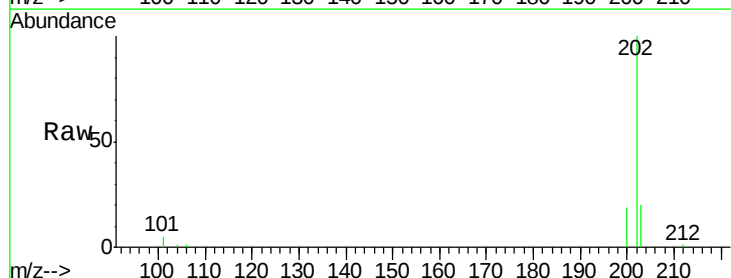
Tgt Ion:202 Resp: 16371

Ion Ratio Lower Upper

202 100

200 18.7 15.4 23.0

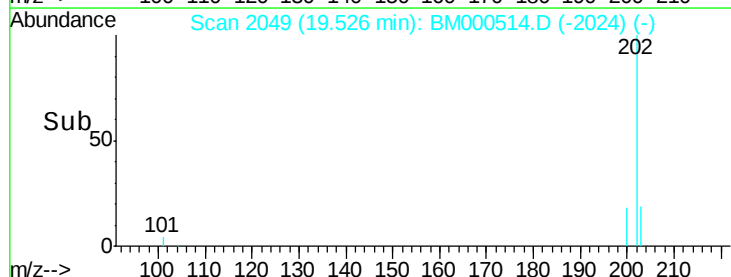
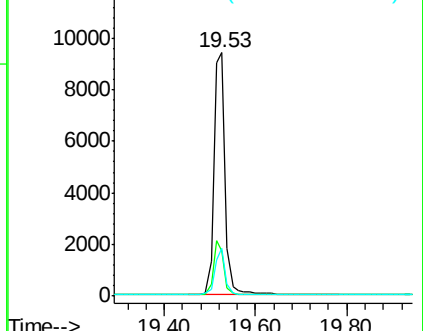
203 19.5 15.4 23.2

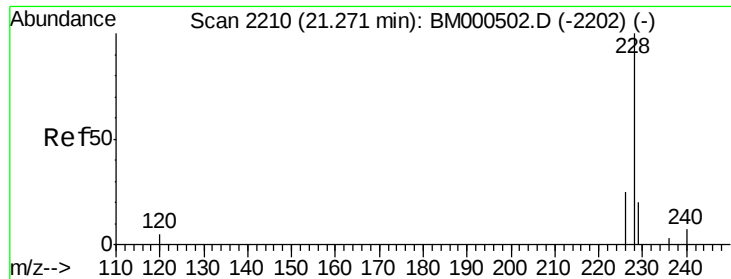


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.41 ng/ul

RT: 21.27 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BM000514.D

Acq: 12 Feb 2015 22:00

Instrument :

BNA_M

LabSampleId :

SSTD0.405

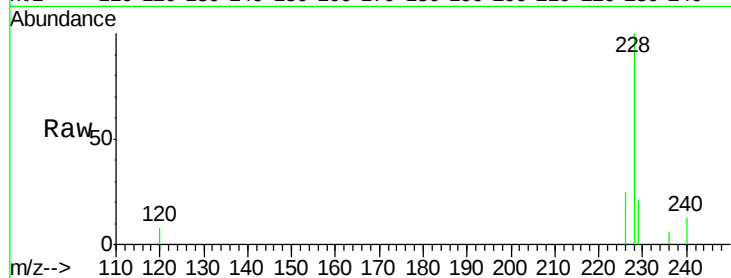
Tgt Ion:228 Resp: 12508

Ion Ratio Lower Upper

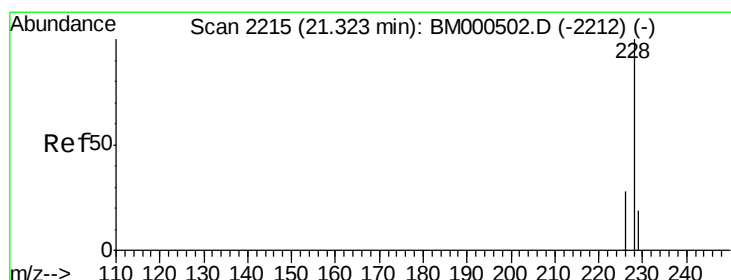
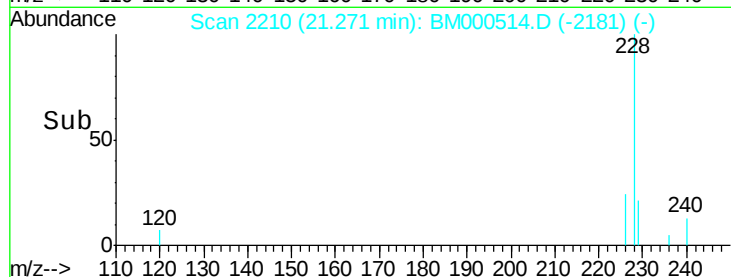
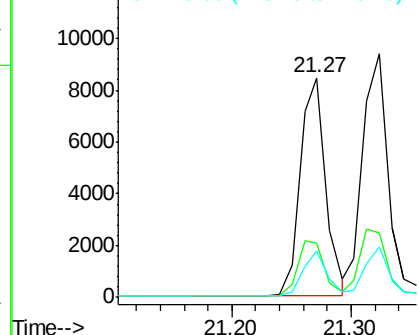
228 100

226 24.8 20.6 31.0

229 21.3 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: BM000514.D

Acq: 12 Feb 2015 22:00

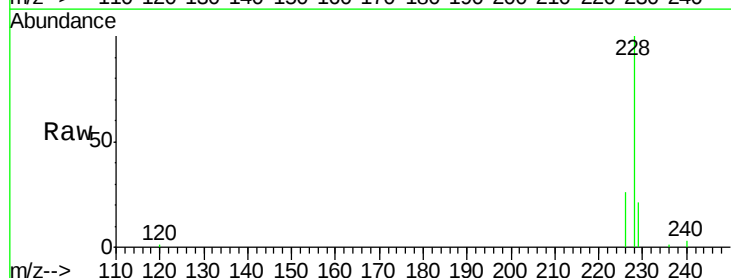
Tgt Ion:228 Resp: 14607

Ion Ratio Lower Upper

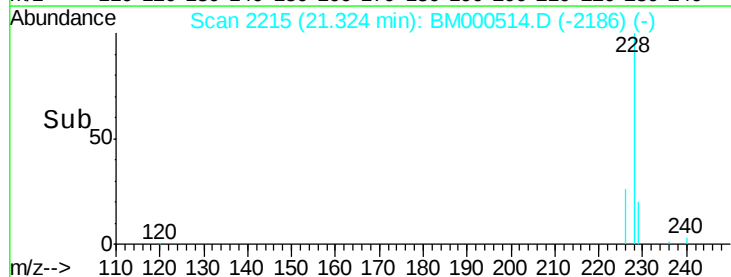
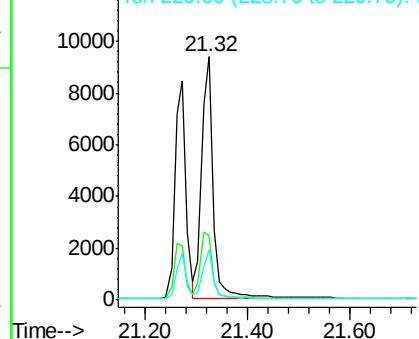
228 100

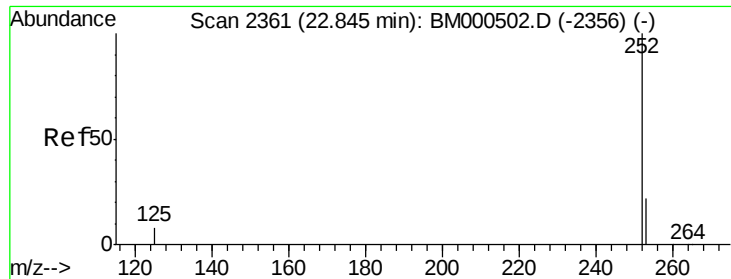
226 26.4 22.7 34.1

229 20.9 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: 0.43 ng/u1

RT: 22.83 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BM000514.D

Acq: 12 Feb 2015 22:00

Instrument :

BNA_M

LabSampleId :

SSTD0.405

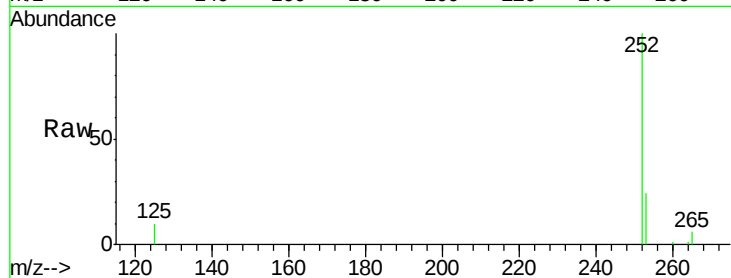
Tgt Ion:252 Resp: 13770

Ion Ratio Lower Upper

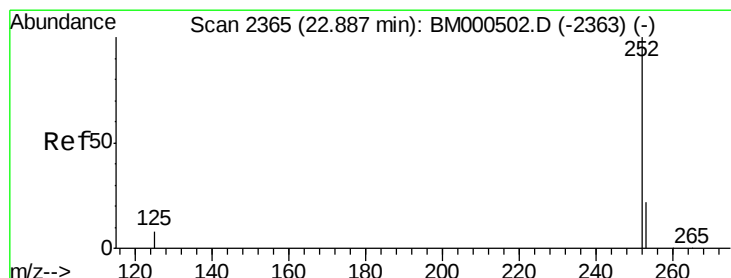
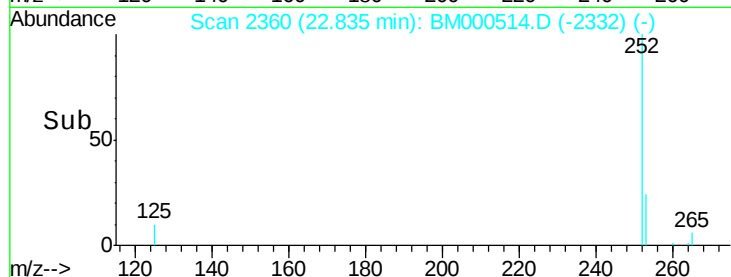
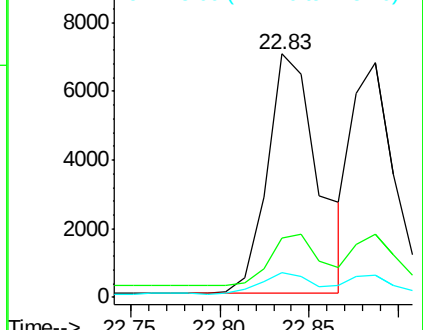
252 100

253 24.4 0.0 52.6

125 10.3 0.0 17.6



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: 0.37 ng/u1

RT: 22.89 min Scan# 2365

Delta R.T. 0.00 min

Lab File: BM000514.D

Acq: 12 Feb 2015 22:00

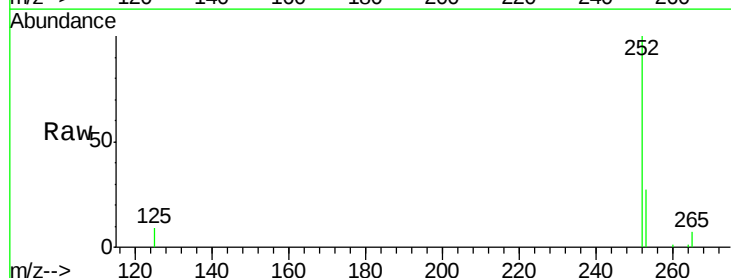
Tgt Ion:252 Resp: 11911

Ion Ratio Lower Upper

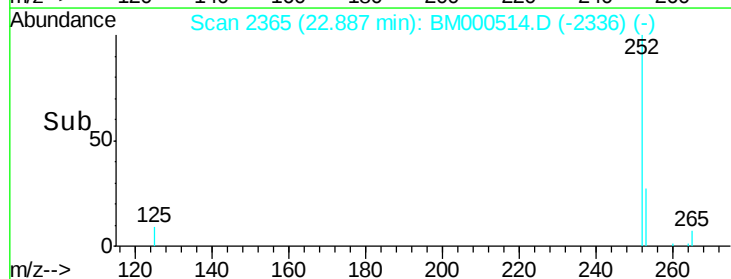
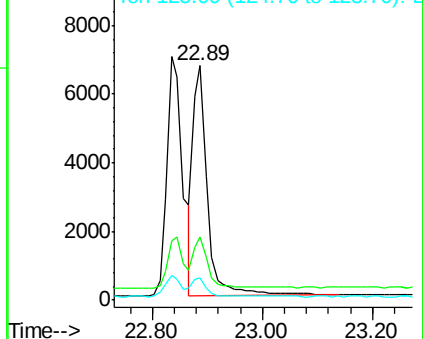
252 100

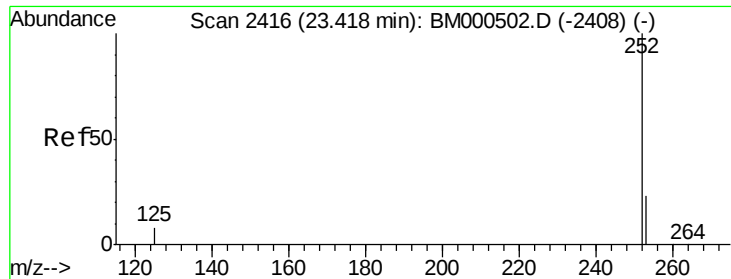
253 26.8 20.2 30.4

125 9.3 7.4 11.0



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





#23

Benzo(a)pyrene

Concen: 0.40 ng/ul

RT: 23.41 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM000514.D

Acq: 12 Feb 2015 22:00

Instrument :

BNA_M

LabSampleId :

SSTD0.405

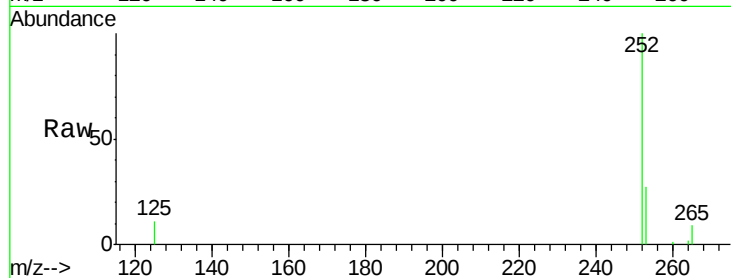
Tgt Ion:252 Resp: 11991

Ion Ratio Lower Upper

252 100

253 27.2 23.1 34.7

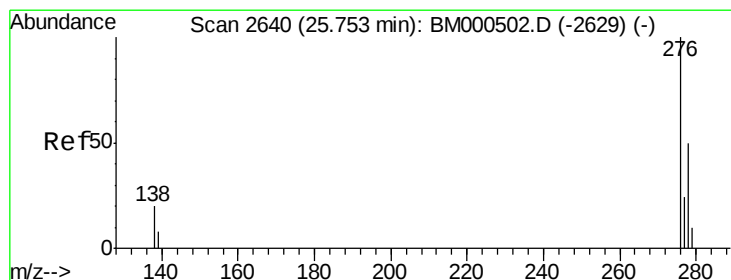
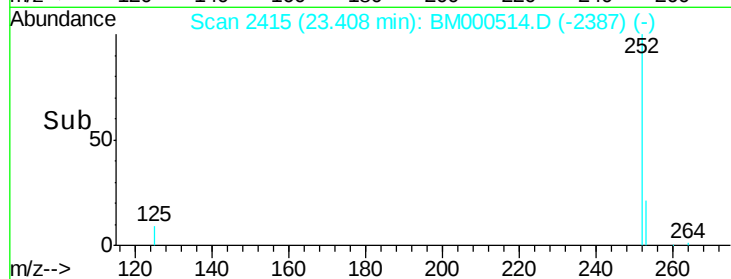
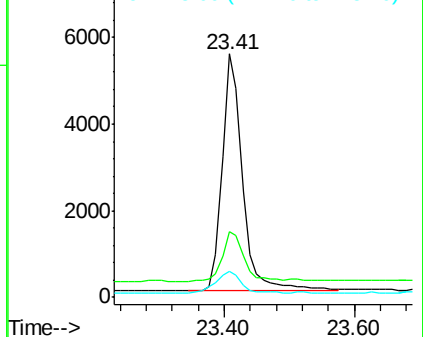
125 10.8 8.0 12.0



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: 25.75 min Scan# 2640

Delta R.T. 0.00 min

Lab File: BM000514.D

Acq: 12 Feb 2015 22:00

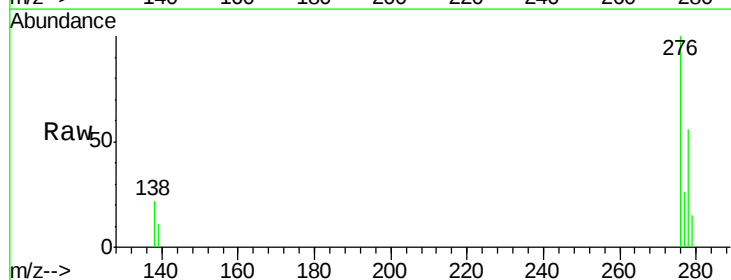
Tgt Ion:276 Resp: 12822

Ion Ratio Lower Upper

276 100

138 21.1 17.3 25.9

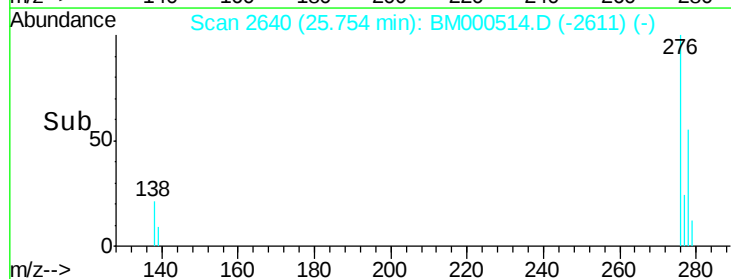
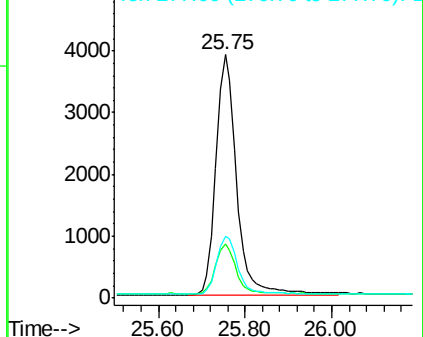
277 24.8 19.8 29.8

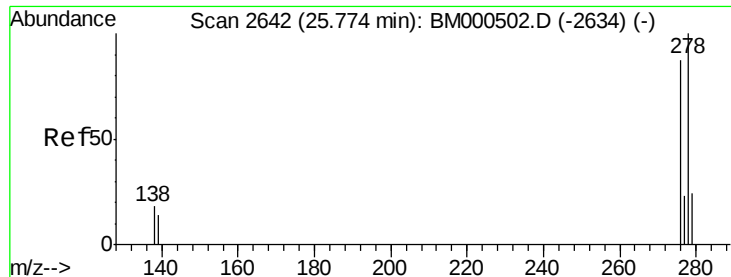


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

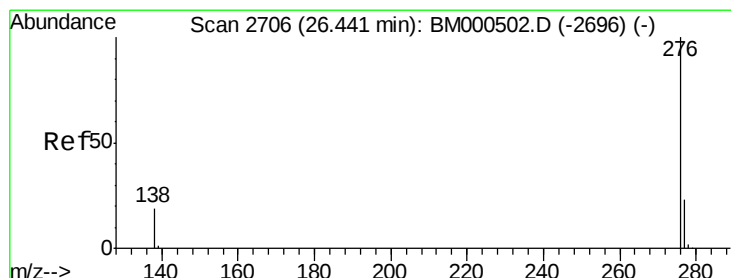
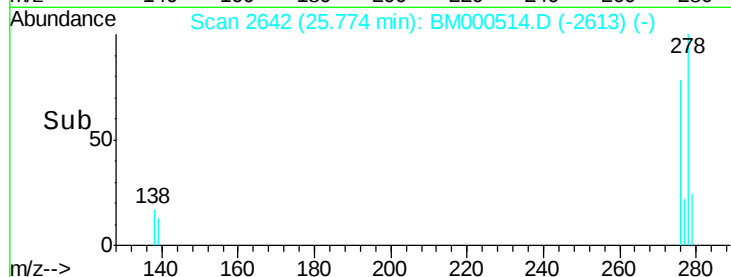
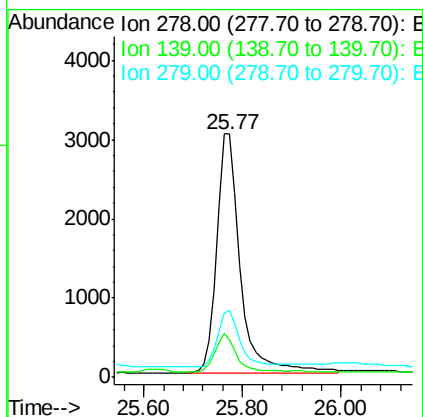
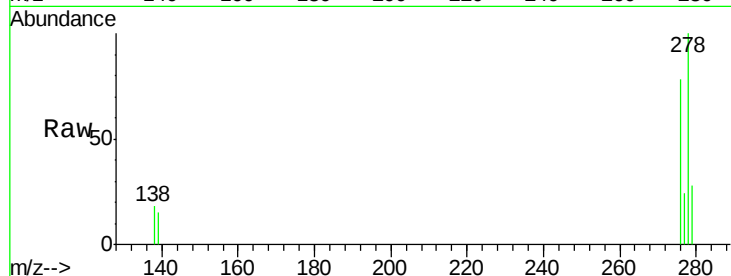




#25
Dibenzo(a,h)anthracene
Concen: 0.38 ng/ul
RT: 25.77 min Scan# 2642
Delta R.T. 0.00 min
Lab File: BM000514.D
Acq: 12 Feb 2015 22:00

Instrument :
BNA_M
LabSampleId :
SSTD0.405

Tgt Ion: 278 Resp: 10028
Ion Ratio Lower Upper
278 100
139 15.3 12.5 18.7
279 27.5 22.2 33.2



#26
Benzo(g,h,i)perylene
Concen: 0.38 ng/ul
RT: 26.44 min Scan# 2706
Delta R.T. 0.00 min
Lab File: BM000514.D
Acq: 12 Feb 2015 22:00

Tgt Ion: 276 Resp: 11352
Ion Ratio Lower Upper
276 100
277 24.7 19.2 28.8
138 19.1 16.0 24.0

