

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022715\
 Data File : BM000613.D
 Acq On : 27 Feb 2015 19:09
 Operator : TP/IZ
 Sample : SSTD0.434
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD0.434

Quant Time: Feb 27 22:51:03 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM022715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 22:41:08 2015
 Response via : Initial Calibration

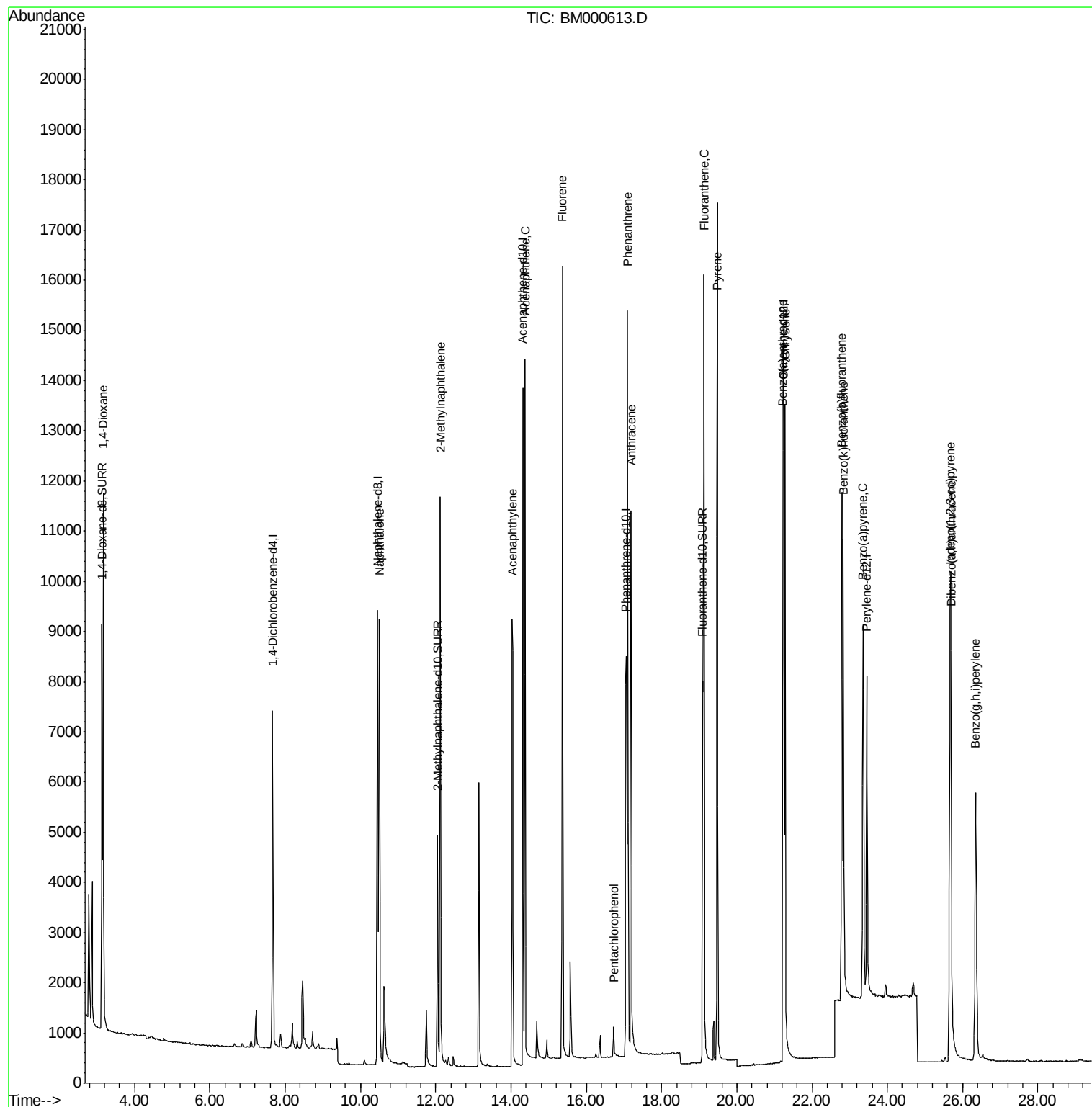
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3763	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	13135	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.31	164	6724	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	13798	0.40	ng/ul	0.00
18) Chrysene-d12	21.25	240	10586	0.40	ng/ul	0.00
22) Perylene-d12	23.46	264	8893	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	5372	2.06	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.04	152	6660	0.42	ng/ul	0.00
16) Fluoranthene-d10	19.09	212	10544	0.44	ng/ul	0.00
Target Compounds				Qvalue		
3) 1,4-Dioxane	3.17	88	7584	1.73	ng/ul	98
5) Naphthalene	10.50	128	13540	0.41	ng/ul	100
7) 2-Methylnaphthalene	12.12	142	9000	0.41	ng/ul	100
9) Acenaphthylene	14.03	152	12048	0.44	ng/ul	100
10) Acenaphthene	14.38	153	9474	0.45	ng/ul	100
11) Fluorene	15.36	166	10798	0.45	ng/ul	100
13) Pentachlorophenol	16.72	266	618	0.35	ng/ul	100
14) Phenanthrene	17.10	178	16239	0.42	ng/ul	100
15) Anthracene	17.19	178	13949	0.41	ng/ul	100
17) Fluoranthene	19.12	202	16752	0.43	ng/ul	100
19) Pyrene	19.49	202	17374	0.38	ng/ul	100
20) Benzo(a)anthracene	21.23	228	12655	0.42	ng/ul	100
21) Chrysene	21.28	228	14097	0.40	ng/ul	100
23) Benzo(b)fluoranthene	22.79	252	12764	0.42	ng/ul	100
24) Benzo(k)fluoranthene	22.83	252	12819	0.41	ng/ul	100
25) Benzo(a)pyrene	23.35	252	11964	0.42	ng/ul	100
26) Indeno(1,2,3-cd)pyrene	25.67	276	13177	0.42	ng/ul	100
27) Dibenzo(a,h)anthracene	25.69	278	10407	0.42	ng/ul	100
28) Benzo(g,h,i)perylene	26.35	276	11514	0.41	ng/ul	100

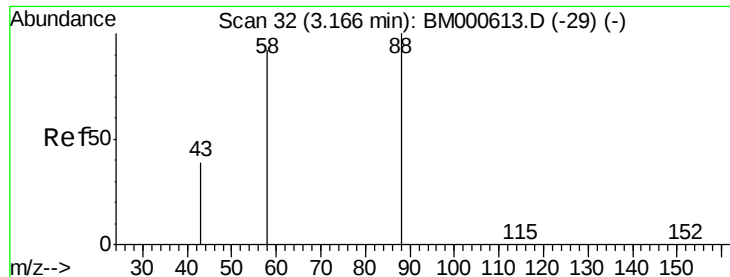
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022715\
Data File : BM000613.D
Acq On : 27 Feb 2015 19:09
Operator : TP/IZ
Sample : SST0.434
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD0.434

Quant Time: Feb 27 22:51:03 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM022715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 22:41:08 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 1.73 ng/ul

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

Instrument :

BNA_M

LabSampleId :

SSTD0.434

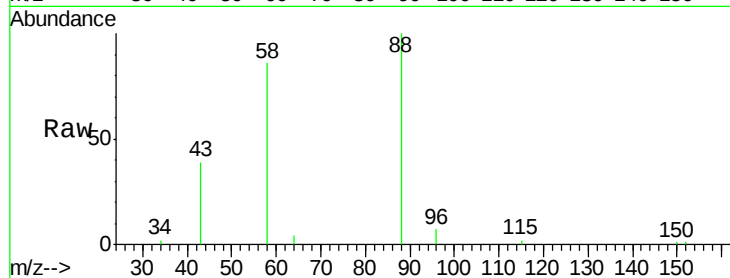
Tgt Ion: 88 Resp: 7584

Ion Ratio Lower Upper

88 100

58 76.7 62.7 94.1

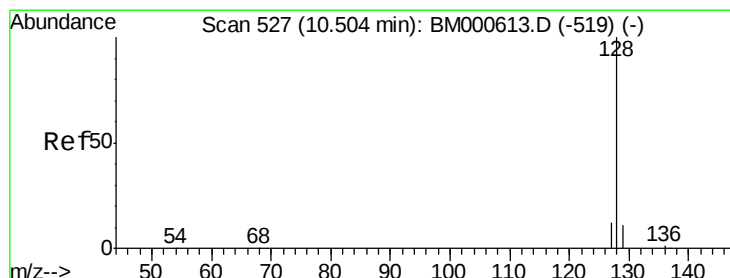
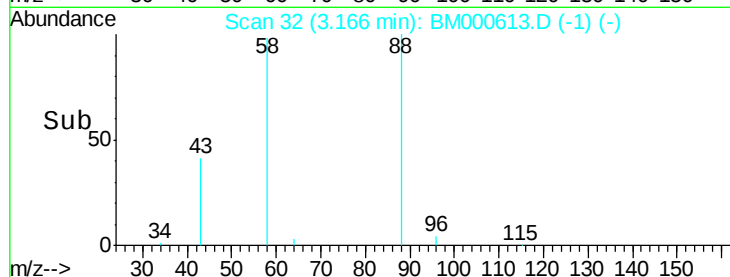
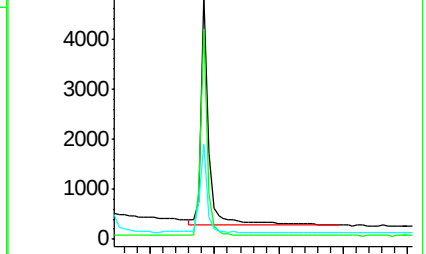
43 35.2 28.8 43.2



Abundance Ion 88.00 (87.70 to 88.70): BM000613.D (-29) (-)

Ion 58.00 (57.70 to 58.70): BM000613.D (-29) (-)

Ion 43.00 (42.70 to 43.70): BM000613.D (-29) (-)



#5

Naphthalene

Concen: 0.41 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

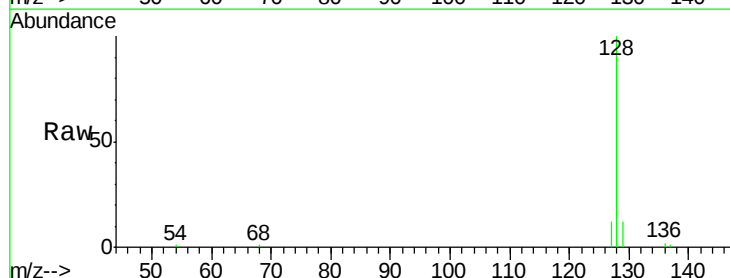
Tgt Ion: 128 Resp: 13540

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

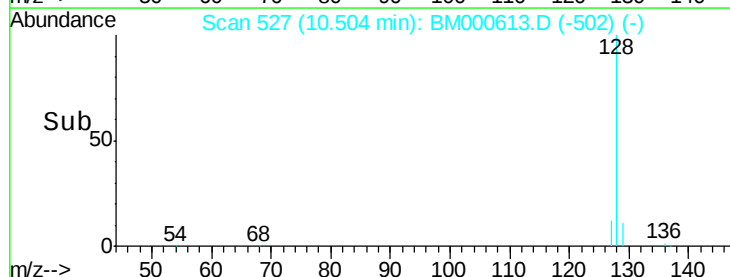
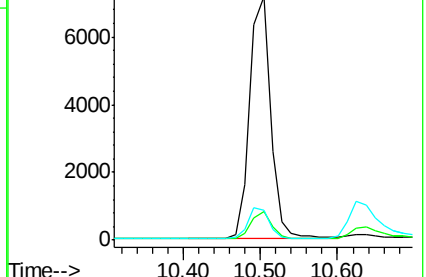
127 12.5 10.0 15.0

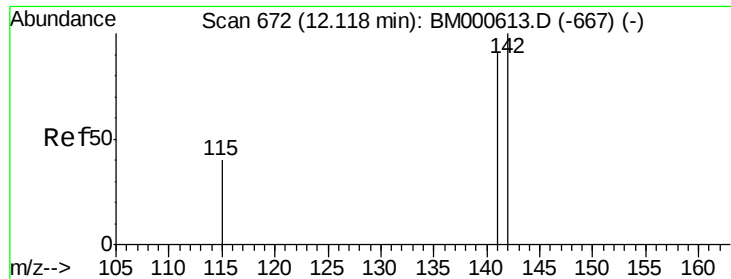


Abundance Ion 128.00 (127.70 to 128.70): BM000613.D (-519) (-)

Ion 129.00 (128.70 to 129.70): BM000613.D (-519) (-)

Ion 127.00 (126.70 to 127.70): BM000613.D (-519) (-)





#7

2-Methylnaphthalene

Concen: 0.41 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

Instrument :

BNA_M

LabSampleId :

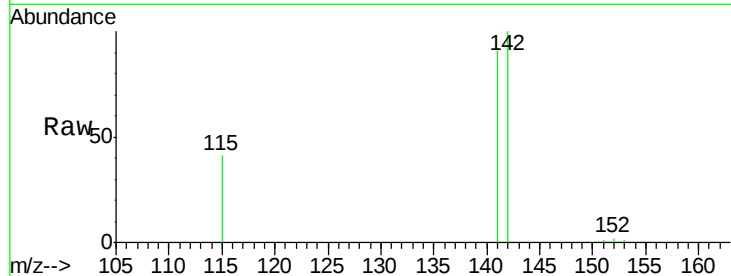
SSTD0.434

Tgt Ion:142 Resp: 9000

Ion Ratio Lower Upper

142 100

141 89.0 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.12

5000

4000

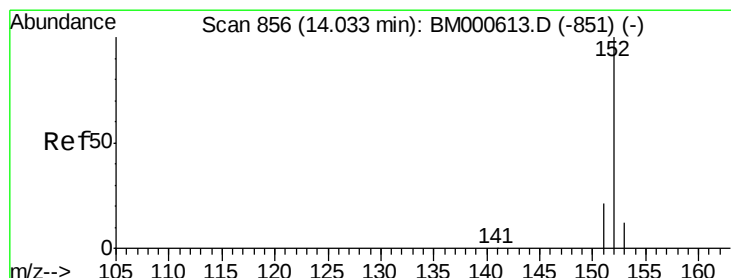
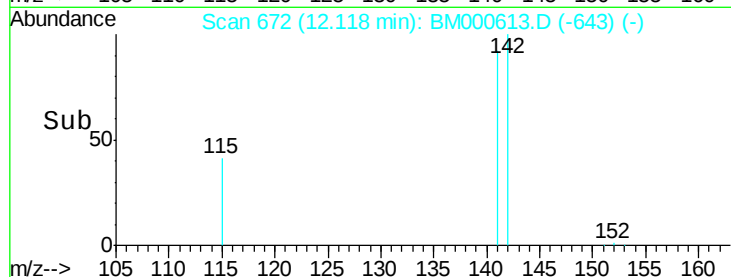
3000

2000

1000

0

Time--> 12.00 12.20



#9

Acenaphthylene

Concen: 0.44 ng/ul

RT: 14.03 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

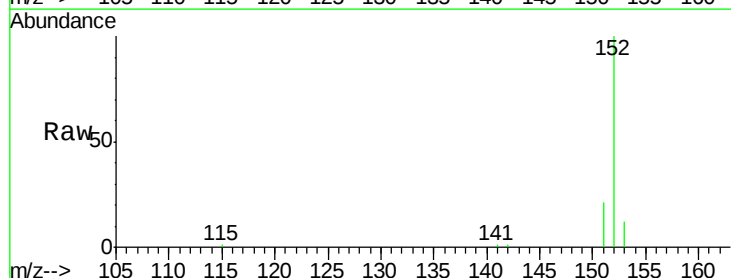
Tgt Ion:152 Resp: 12048

Ion Ratio Lower Upper

152 100

151 21.3 17.0 25.6

153 12.4 9.9 14.9



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

14.03

8000

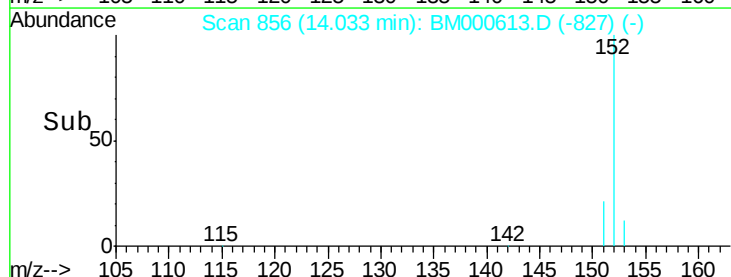
6000

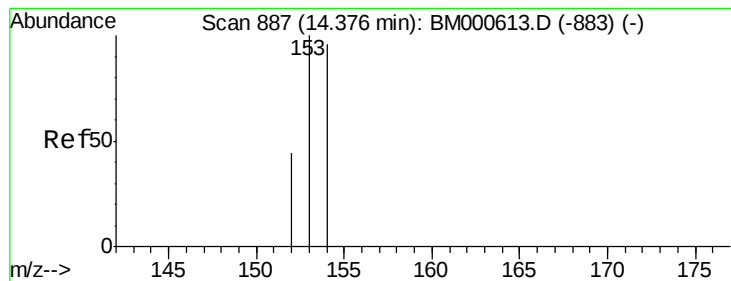
4000

2000

0

Time--> 14.00 14.20





#10

Acenaphthene

Concen: 0.45 ng/ul

RT: 14.38 min Scan# 887

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

Instrument :

BNA_M

LabSampleId :

SSTD0.434

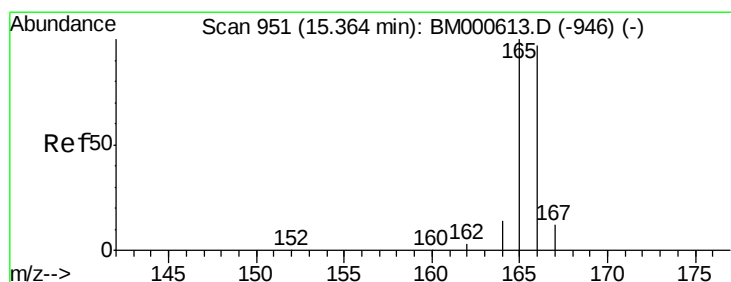
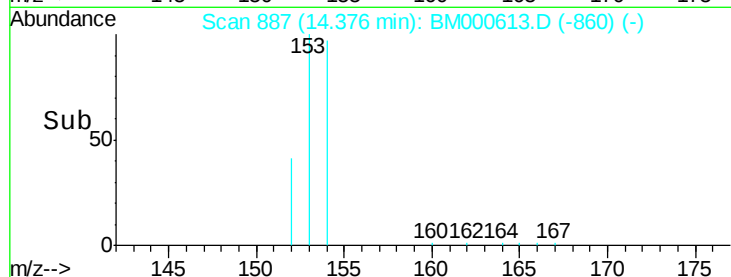
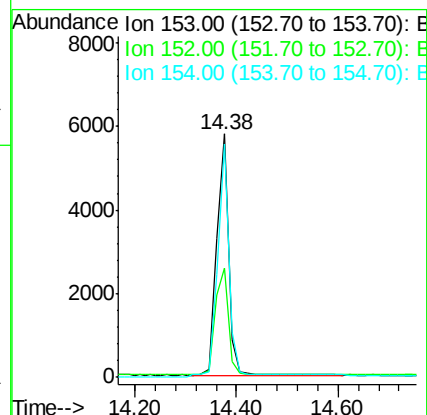
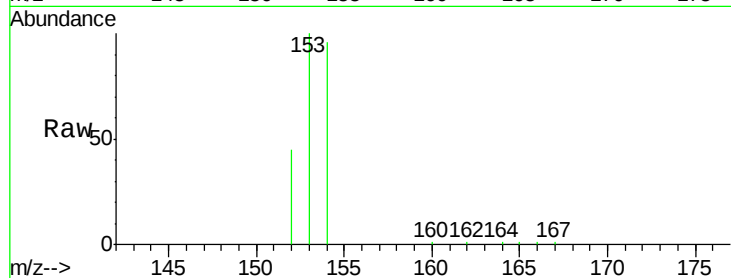
Tgt Ion:153 Resp: 9474

Ion Ratio Lower Upper

153 100

152 44.9 35.9 53.9

154 96.1 76.9 115.3



#11

Fluorene

Concen: 0.45 ng/ul

RT: 15.36 min Scan# 951

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

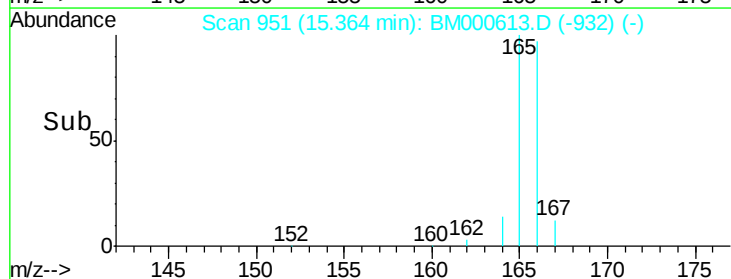
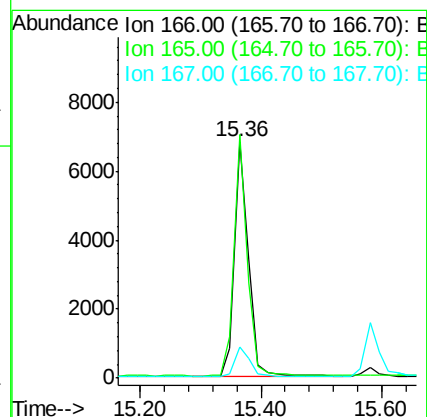
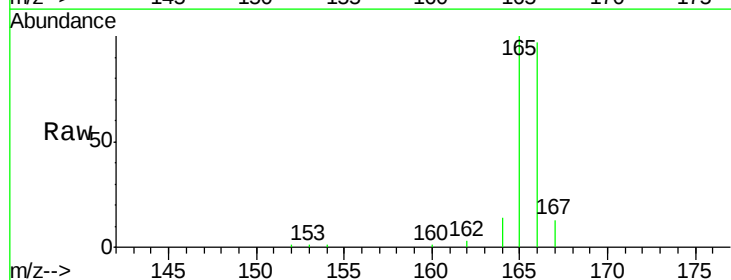
Tgt Ion:166 Resp: 10798

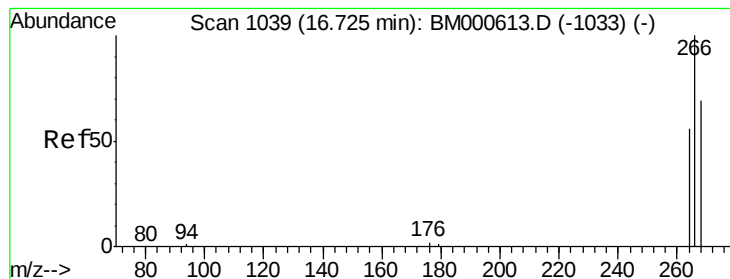
Ion Ratio Lower Upper

166 100

165 103.1 82.5 123.7

167 13.3 10.6 16.0

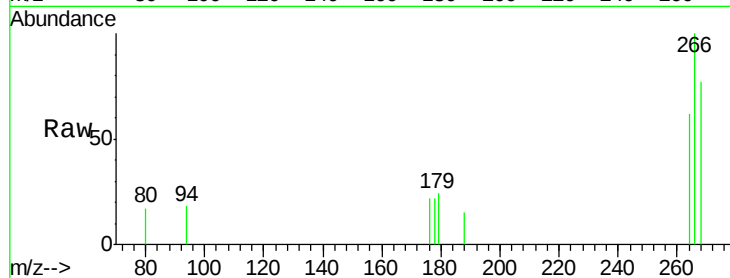




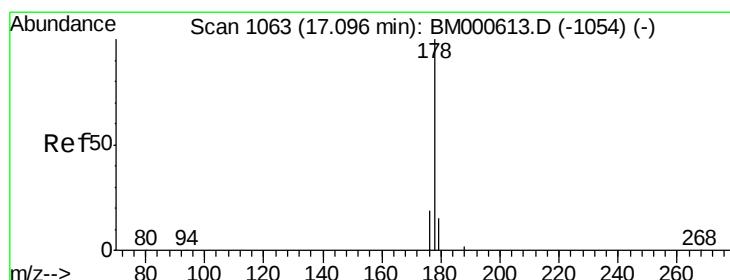
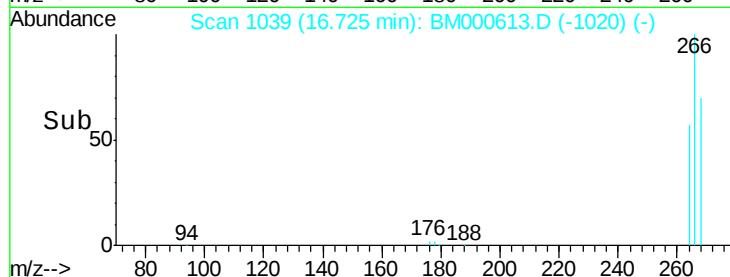
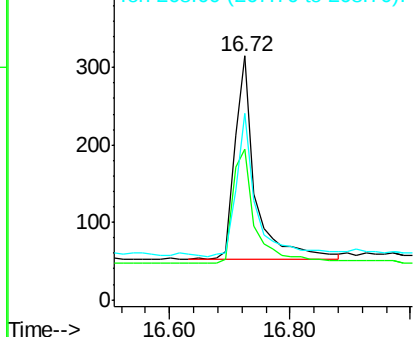
#13
 Pentachlorophenol
 Concen: 0.35 ng/ul
 RT: 16.72 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BM000613.D
 Acq: 27 Feb 2015 19:09

Instrument :
 BNA_M
 LabSampleId :
 SST0.434

Tgt Ion: 266 Resp: 618
 Ion Ratio Lower Upper
 266 100
 264 63.8 51.0 76.6
 268 68.6 54.9 82.3

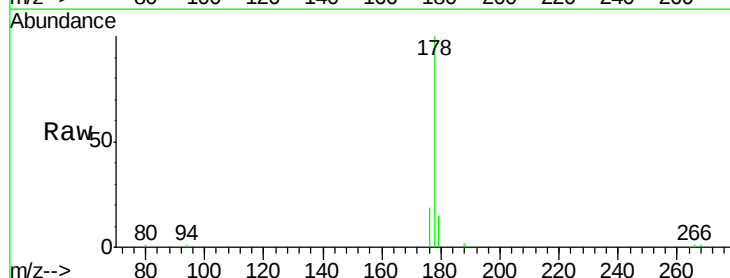


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

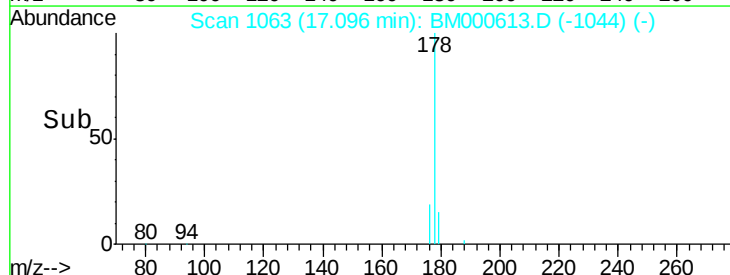
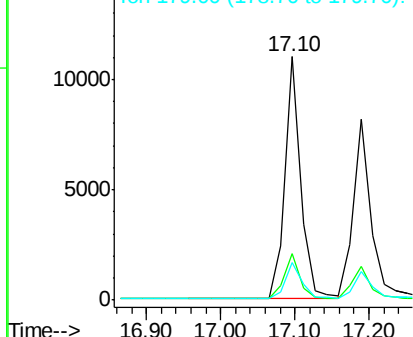


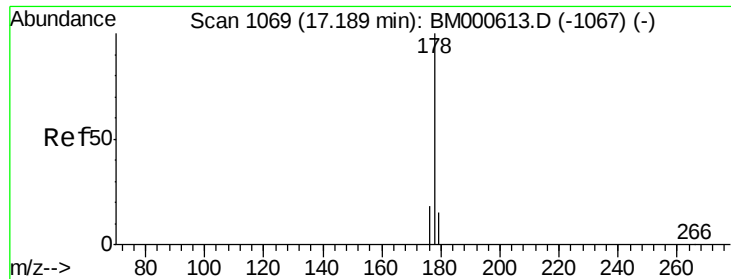
#14
 Phenanthrene
 Concen: 0.42 ng/ul
 RT: 17.10 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BM000613.D
 Acq: 27 Feb 2015 19:09

Tgt Ion: 178 Resp: 16239
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.2 12.2 18.2



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

Anthracene

Concen: 0.41 ng/ul

RT: 17.19 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

Instrument :

BNA_M

LabSampleId :

SSTD0.434

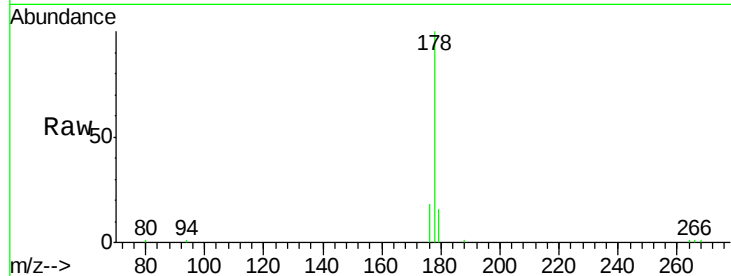
Tgt Ion:178 Resp: 13949

Ion Ratio Lower Upper

178 100

176 18.3 14.6 22.0

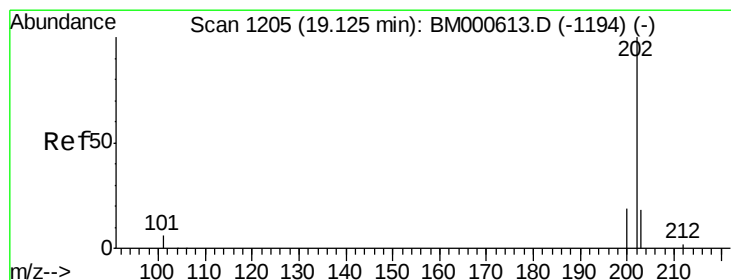
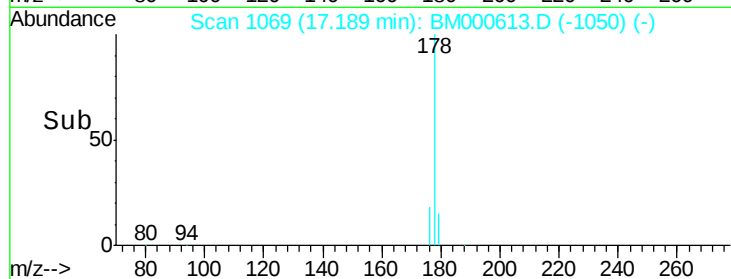
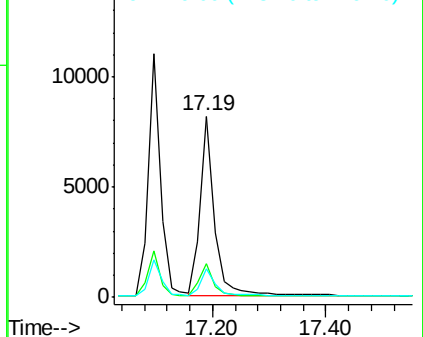
179 16.1 12.9 19.3



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



#17

Fluoranthene

Concen: 0.43 ng/ul

RT: 19.12 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

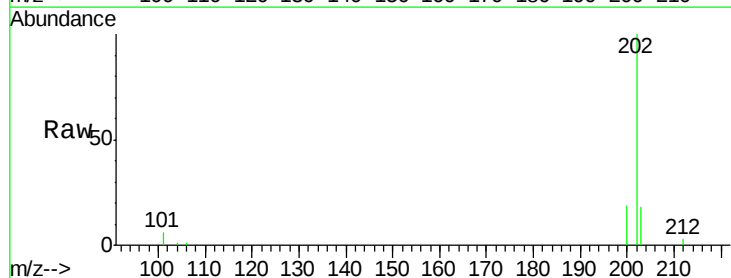
Tgt Ion:202 Resp: 16752

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.2

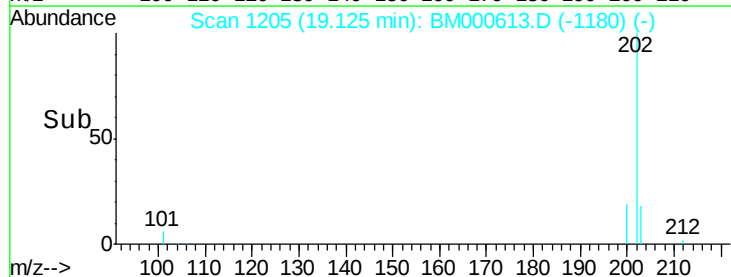
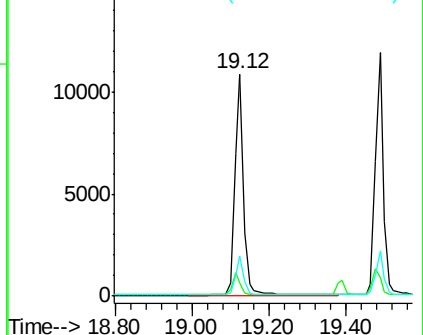
203 18.3 0.0 38.3

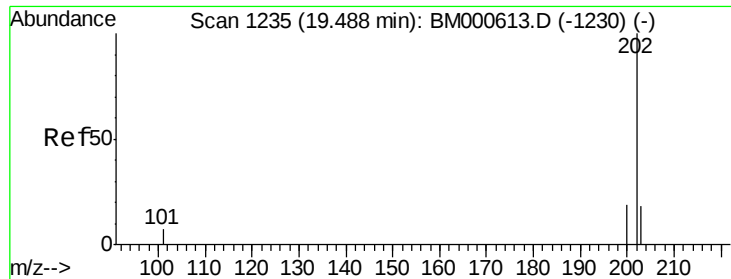


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 0.38 ng/ul

RT: 19.49 min Scan# 1235

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

Instrument :

BNA_M

LabSampleId :

SSTD0.434

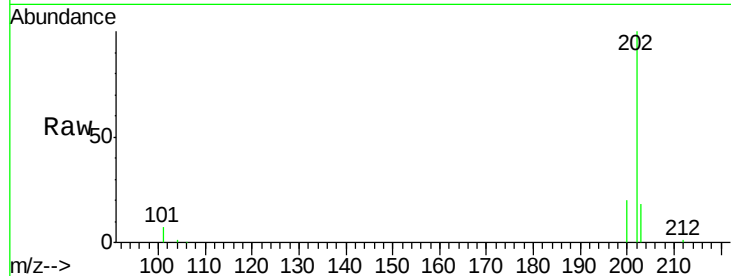
Tgt Ion:202 Resp: 17374

Ion Ratio Lower Upper

202 100

200 19.6 15.7 23.5

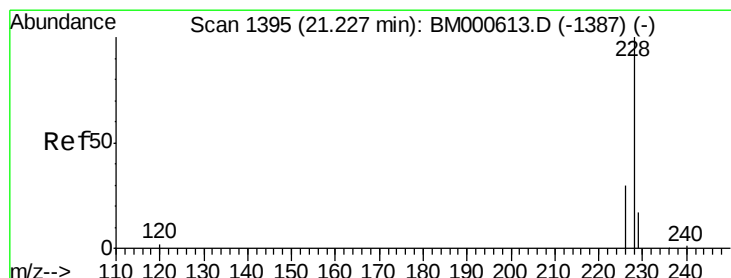
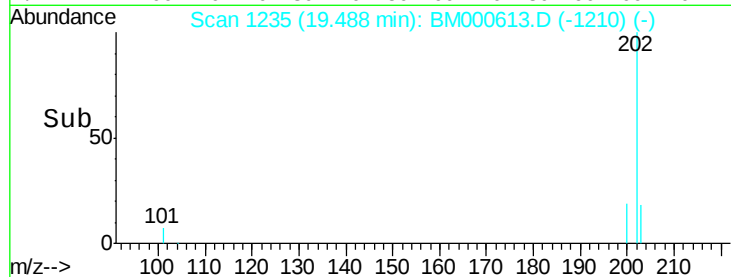
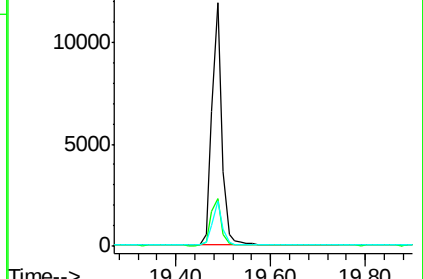
203 18.5 14.8 22.2



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



#20

Benzo(a)anthracene

Concen: 0.42 ng/ul

RT: 21.23 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

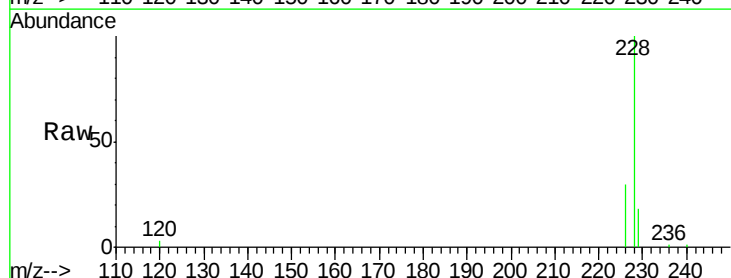
Tgt Ion:228 Resp: 12655

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

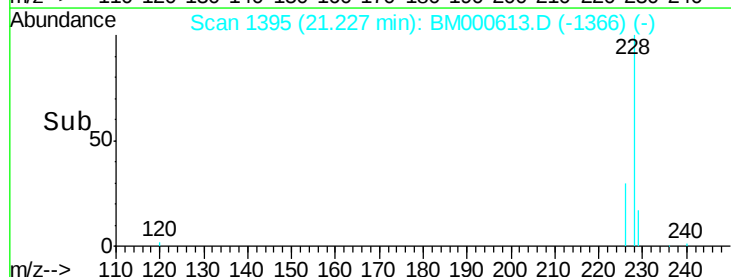
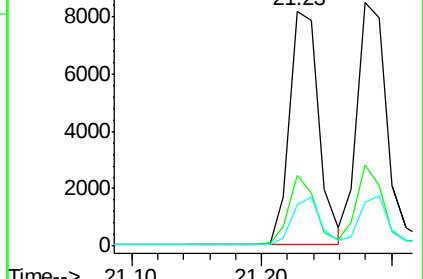
229 17.8 14.2 21.4

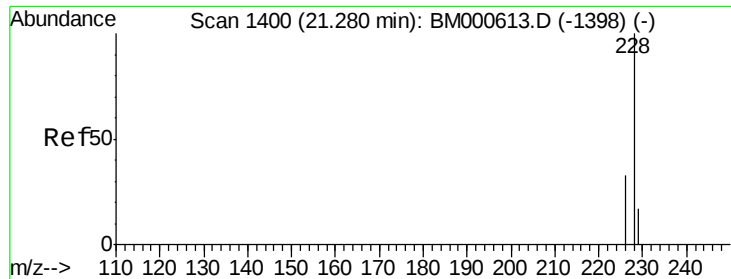


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.40 ng/ul

RT: 21.28 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

Instrument :

BNA_M

LabSampleId :

SSTD0.434

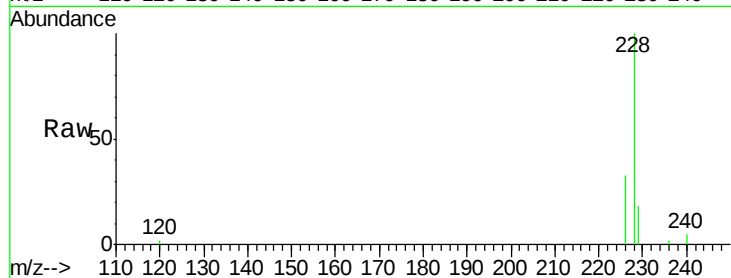
Tgt Ion:228 Resp: 14097

Ion Ratio Lower Upper

228 100

226 33.1 26.5 39.7

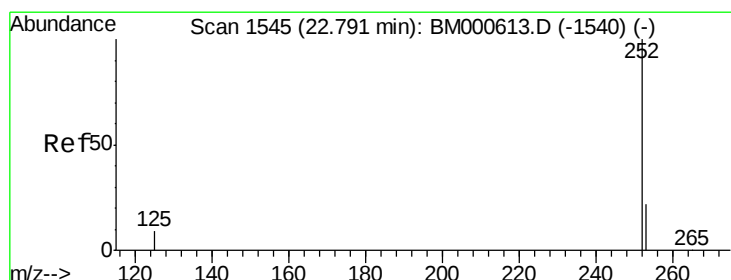
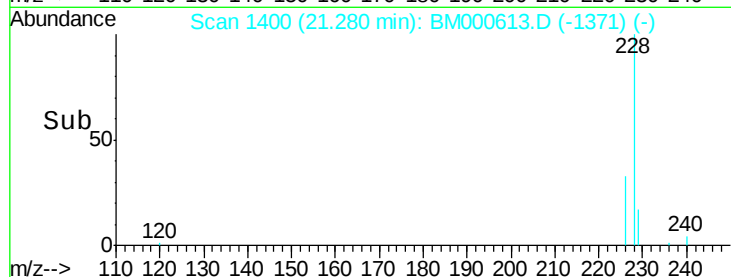
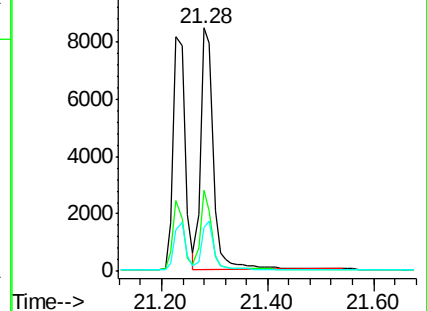
229 17.9 14.3 21.5



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



#23

Benzo(b)fluoranthene

Concen: 0.42 ng/ul

RT: 22.79 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

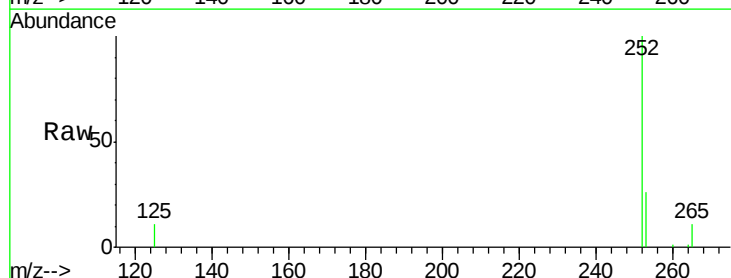
Tgt Ion:252 Resp: 12764

Ion Ratio Lower Upper

252 100

253 25.6 0.0 51.2

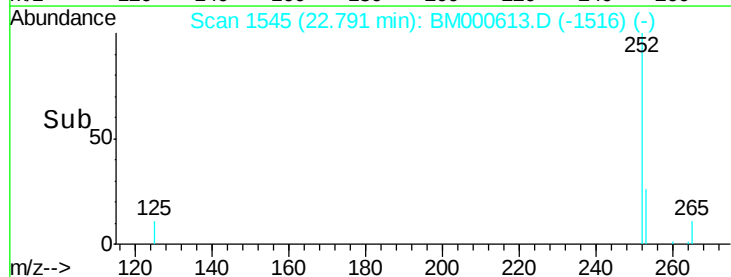
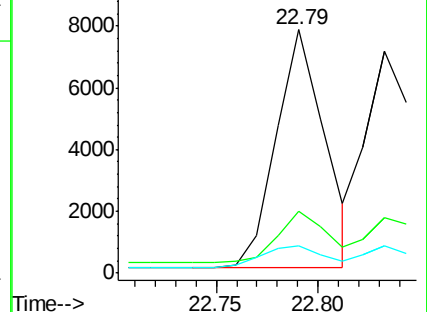
125 11.4 0.0 22.8

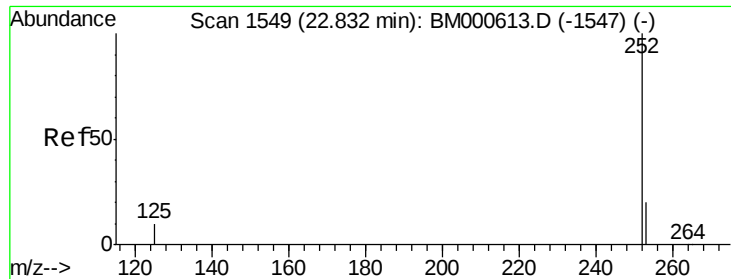


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.41 ng/ul

RT: 22.83 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

Instrument :

BNA_M

LabSampleId :

SSTD0.434

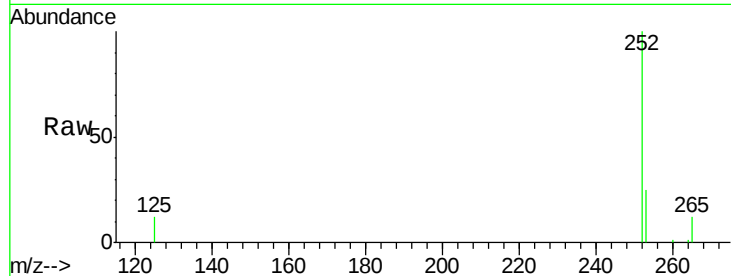
Tgt Ion:252 Resp: 12819

Ion Ratio Lower Upper

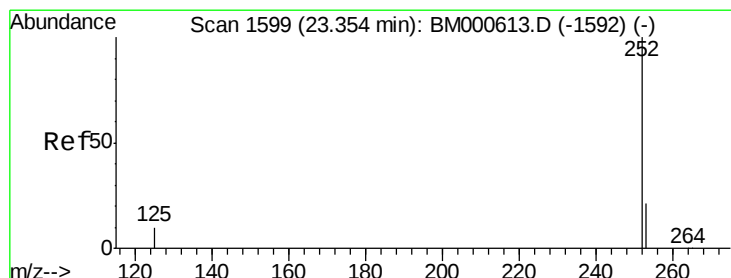
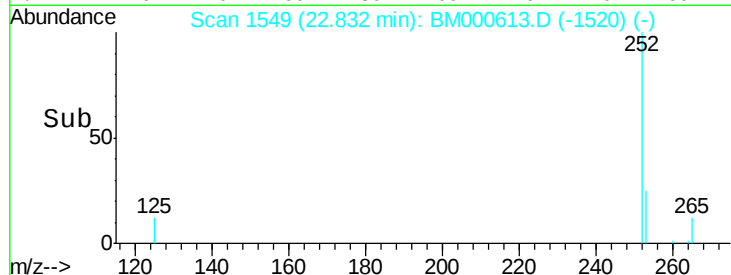
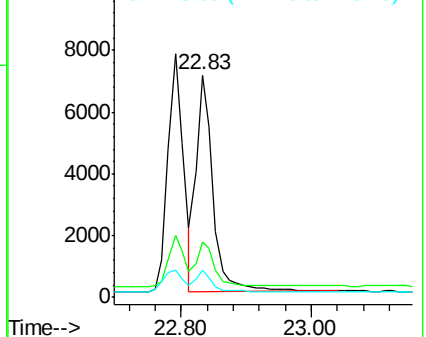
252 100

253 25.2 20.2 30.2

125 12.0 9.6 14.4



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



#25

Benzo(a)pyrene

Concen: 0.42 ng/ul

RT: 23.35 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

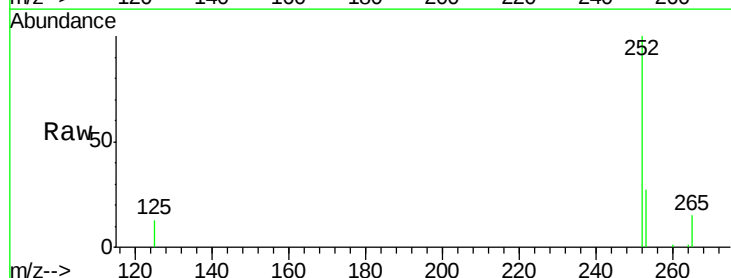
Tgt Ion:252 Resp: 11964

Ion Ratio Lower Upper

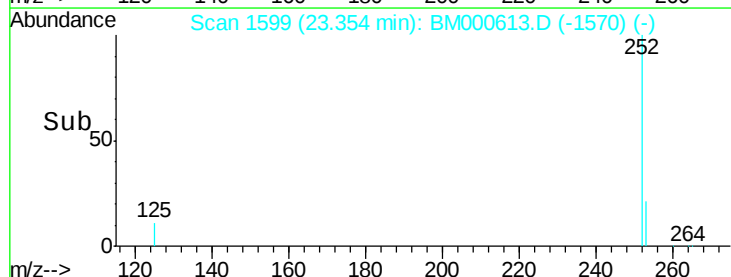
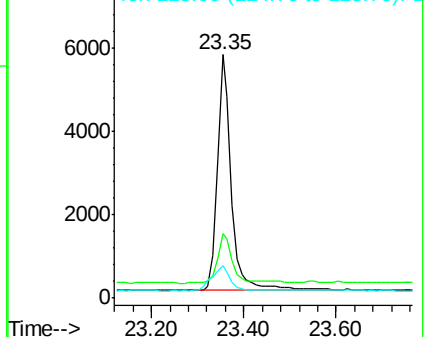
252 100

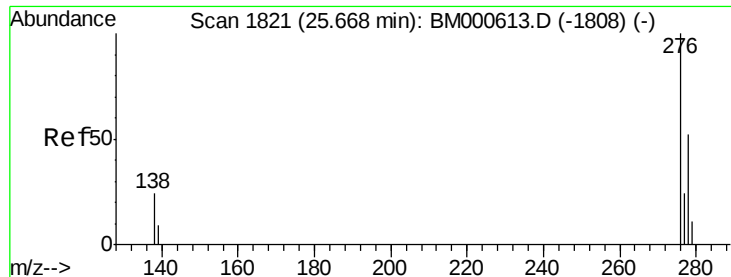
253 26.6 21.3 31.9

125 13.2 10.6 15.8



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





#26

Indeno(1,2,3-cd)pyrene

Concen: 0.42 ng/ul

RT: 25.67 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

Instrument :

BNA_M

LabSampleId :

SSTD0.434

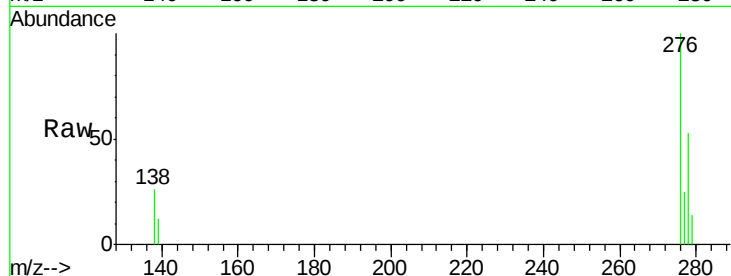
Tgt Ion:276 Resp: 13177

Ion Ratio Lower Upper

276 100

138 24.6 19.7 29.5

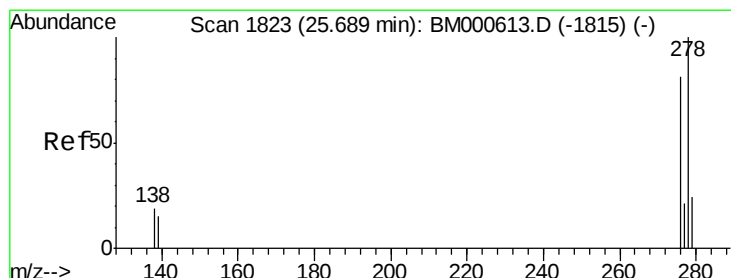
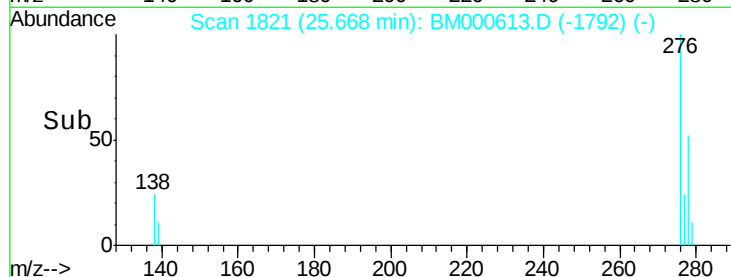
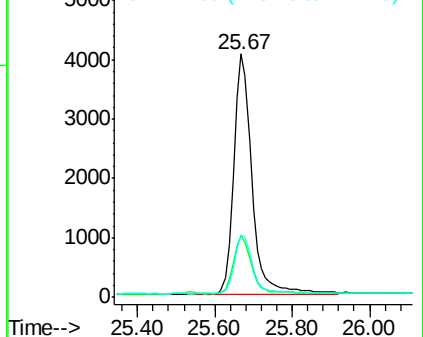
277 24.9 19.9 29.9



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



#27

Dibenzo(a,h)anthracene

Concen: 0.42 ng/ul

RT: 25.69 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BM000613.D

Acq: 27 Feb 2015 19:09

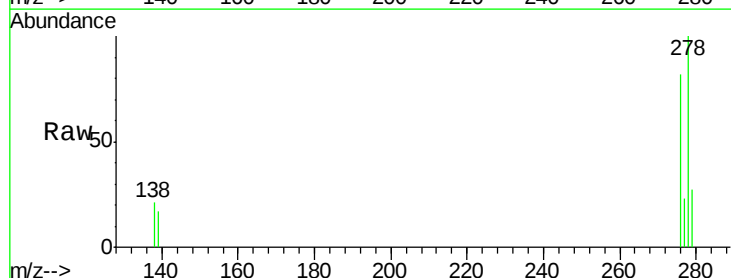
Tgt Ion:278 Resp: 10407

Ion Ratio Lower Upper

278 100

139 16.6 13.3 19.9

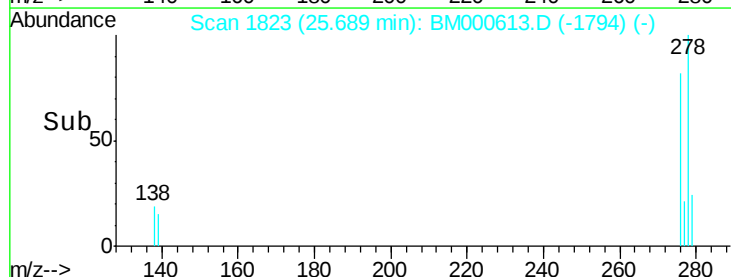
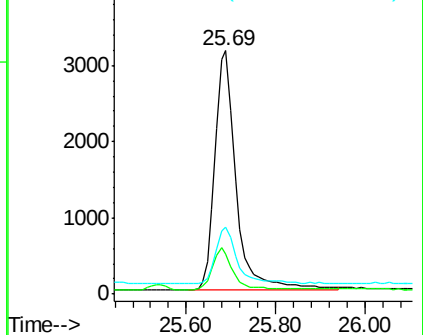
279 27.4 21.9 32.9

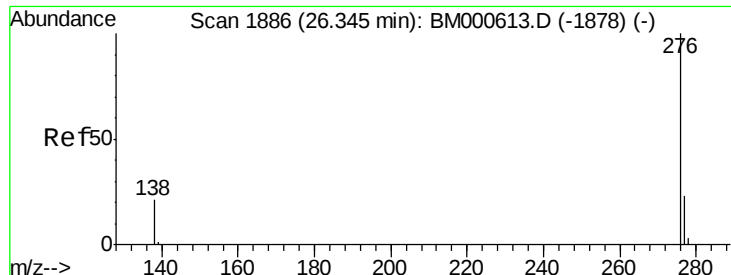


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.41 ng/ul

RT: 26.35 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BM000613.D

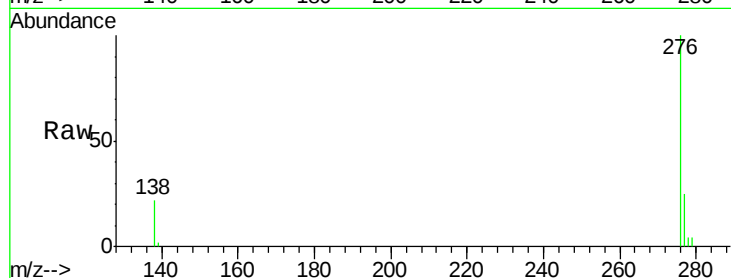
Acq: 27 Feb 2015 19:09

Instrument :

BNA_M

LabSampleId :

SSTD0.434



Tgt Ion: 276 Resp: 11514

Ion Ratio Lower Upper

276 100

277 24.8 19.8 29.8

138 22.2 17.8 26.6

