

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
 Data File : BM003213.D
 Acq On : 20 Nov 2015 05:13
 Operator : UM/IZ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.455

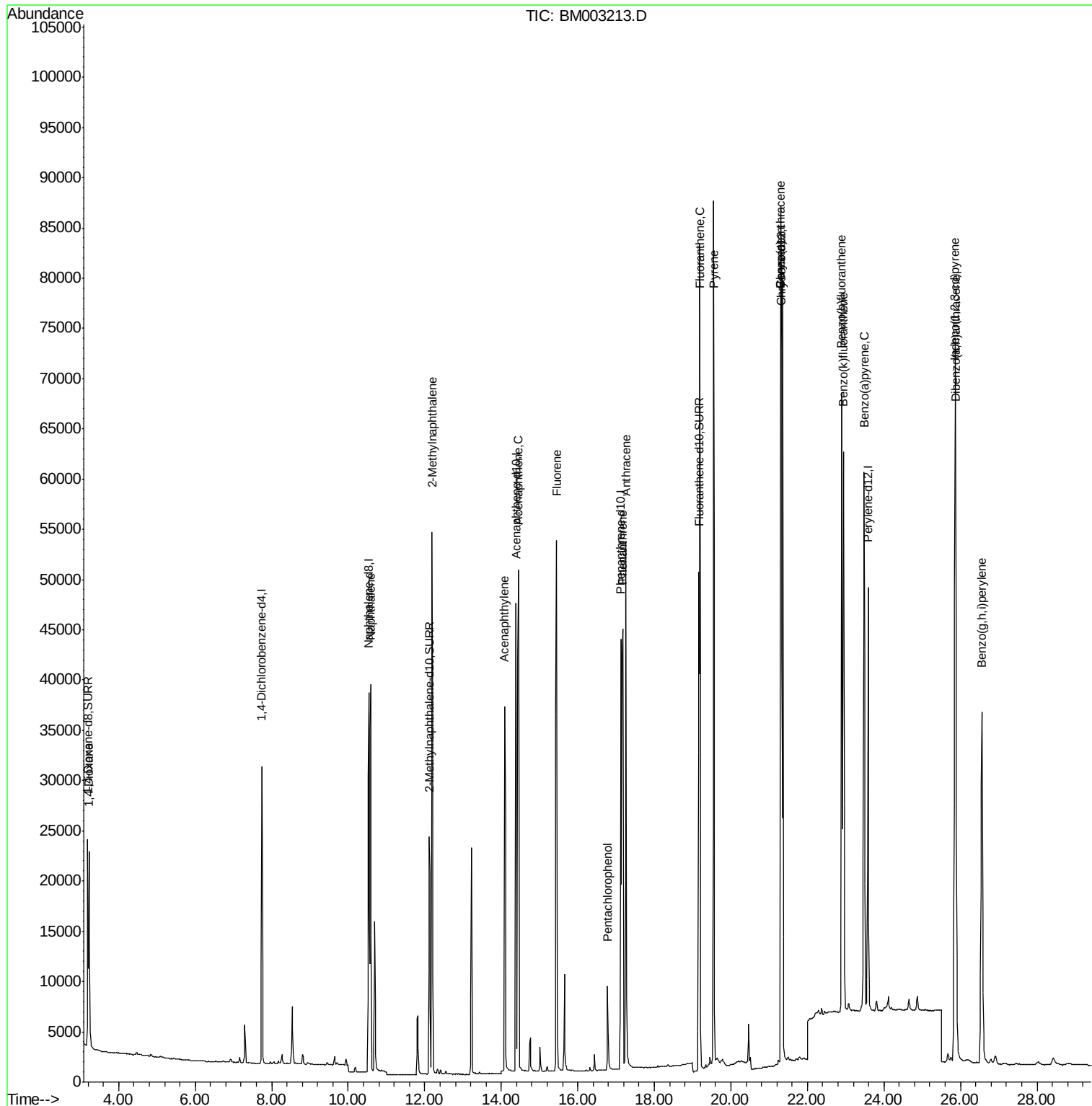
Quant Time: Nov 20 07:50:44 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 03:16:26 2015
 Response via : Initial Calibration

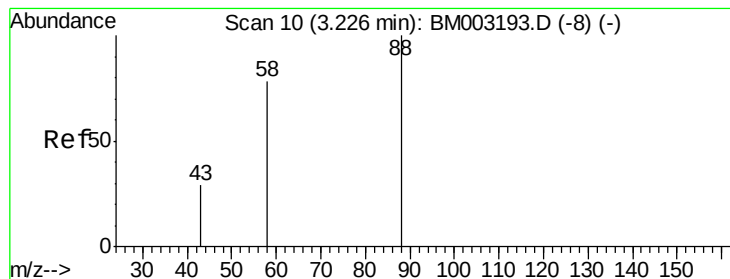
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	14710	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	55116	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	26977	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	56703	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	56891	0.40	ng/ul	-0.01
22) Perylene-d12	23.58	264	54997	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	14796	0.94	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	30921	0.41	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	58811	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.23	88	16801	0.94	ng/ul#	100
5) Naphthalene	10.58	128	57119	0.40	ng/ul	99
7) 2-Methylnaphthalene	12.19	142	38600	0.42	ng/ul#	100
9) Acenaphthylene	14.09	152	50780	0.45	ng/ul	100
10) Acenaphthene	14.45	153	38798	0.41	ng/ul	100
11) Fluorene	15.44	166	42780	0.42	ng/ul	100
13) Pentachlorophenol	16.78	266	6468	0.48	ng/ul#	17
14) Phenanthrene	17.17	178	67030	0.41	ng/ul	100
15) Anthracene	17.26	178	62138	0.45	ng/ul	100
17) Fluoranthene	19.19	202	75761	0.42	ng/ul	99
19) Pyrene	19.55	202	82381	0.42	ng/ul	100
20) Benzo(a)anthracene	21.30	228	76984	0.47	ng/ul#	90
21) Chrysene	21.30	228	76907	0.41	ng/ul	93
23) Benzo(b)fluoranthene	22.90	252	77616	0.37	ng/ul	99
24) Benzo(k)fluoranthene	22.94	252	74781	0.38	ng/ul	95
25) Benzo(a)pyrene	23.48	252	75811	0.41	ng/ul	100
26) Indeno(1,2,3-cd)pyrene	25.86	276	86387	0.39	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.88	278	69320	0.39	ng/ul	99
28) Benzo(g,h,i)perylene	26.56	276	73447	0.38	ng/ul	100

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

```
Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\  
Data File : BM003213.D  
Acq On    : 20 Nov 2015   05:13  
Operator  : UM/IZ  
Sample    : SSTDCCC0.4  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Quant Time: Nov 20 07:50:44 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 03:16:26 2015
Response via : Initial Calibration





#3

1,4-Dioxane

Concen: 0.94 ng/ul

RT: 3.23 min Scan# 10

Delta R.T. 0.00 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.455

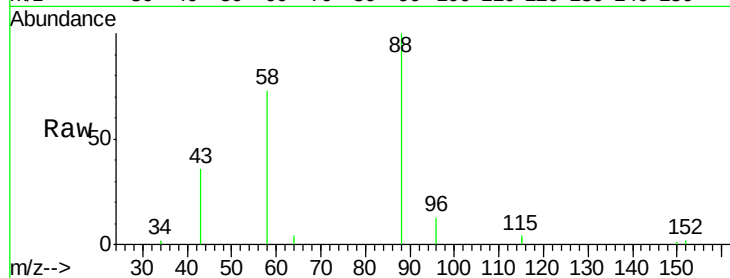
Tot Ion: 88 Resp: 16801

Ion Ratio Lower Upper

88 100

58 59.3 0.0 0.0#

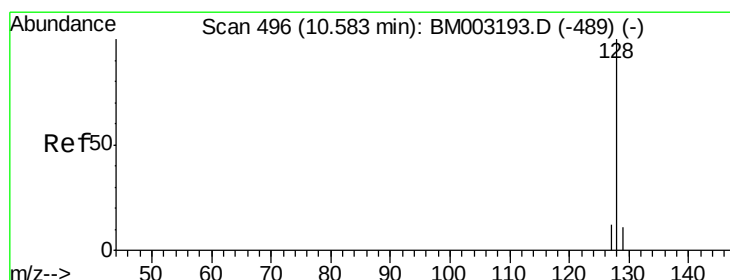
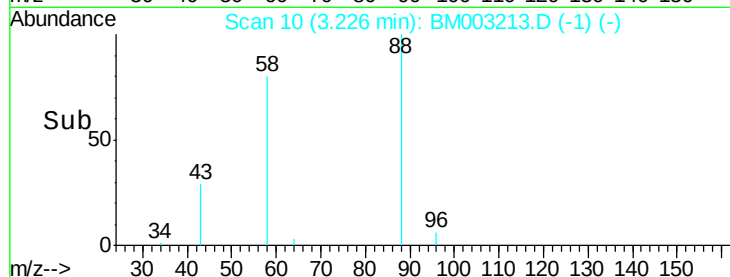
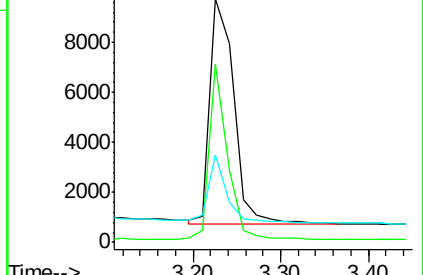
43 24.2 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM003213.D (-8) (-)

Ion 58.00 (57.70 to 58.70): BM003213.D (-8) (-)

Ion 43.00 (42.70 to 43.70): BM003213.D (-8) (-)



#5

Naphthalene

Concen: 0.40 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. 0.00 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

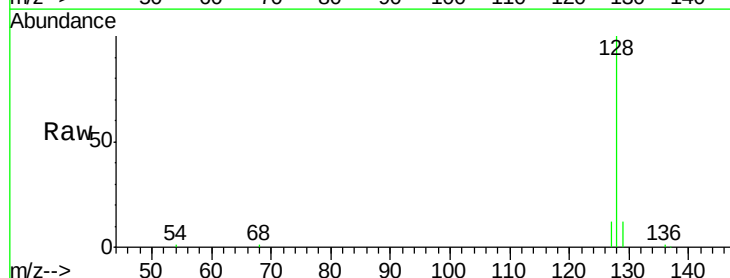
Tgt Ion: 128 Resp: 57119

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

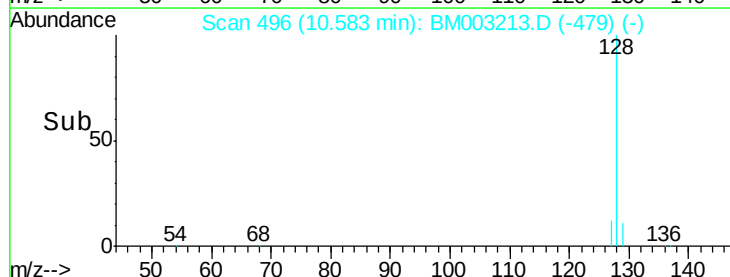
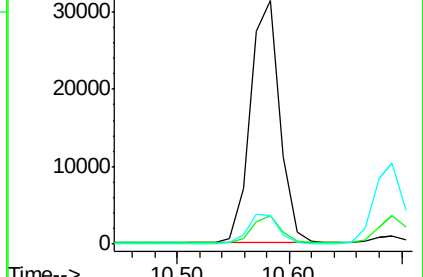
127 11.9 9.6 14.4

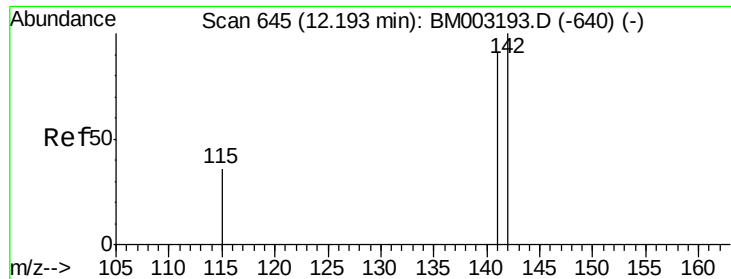


Abundance Ion 128.00 (127.70 to 128.70): BM003213.D (-489) (-)

Ion 129.00 (128.70 to 129.70): BM003213.D (-489) (-)

Ion 127.00 (126.70 to 127.70): BM003213.D (-489) (-)





#7

2-Methylnaphthalene

Concen: 0.42 ng/ul

RT: 12.19 min Scan# 645

Delta R.T. 0.00 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

Instrument :

BNA_M

ClientSampleId :

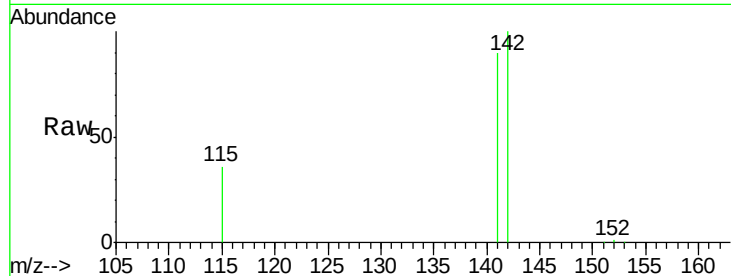
SSTD0.455

Tot Ion:142 Resp: 38600

Ion Ratio Lower Upper

142 100

141 88.1 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

25000

20000

15000

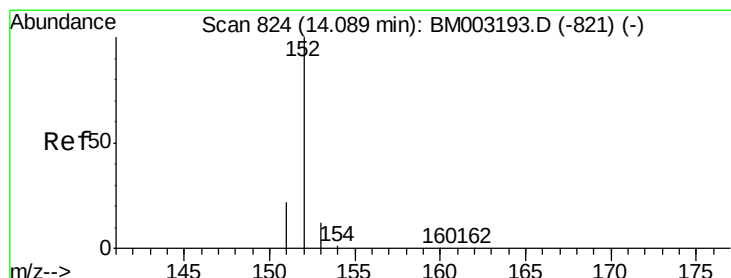
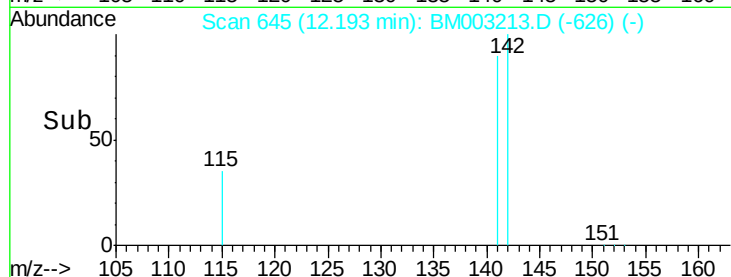
10000

5000

0

12.10 12.20 12.30 12.40

Time-->



#9

Acenaphthylene

Concen: 0.45 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

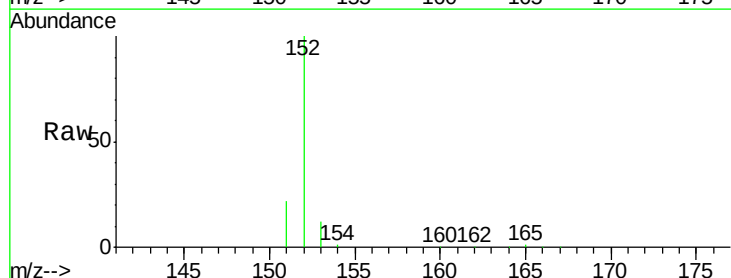
Tgt Ion:152 Resp: 50780

Ion Ratio Lower Upper

152 100

151 21.8 17.6 26.4

153 12.0 9.7 14.5



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

30000

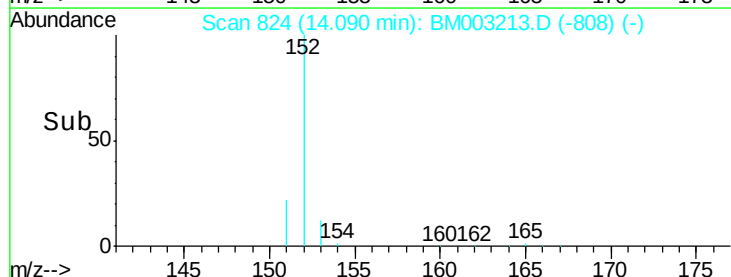
20000

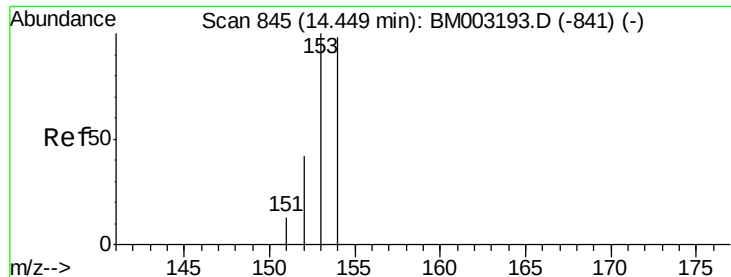
10000

0

14.00 14.20

Time-->





#10

Acenaphthene

Concen: 0.41 ng/ul

RT: 14.45 min Scan# 845

Delta R.T. 0.00 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.455

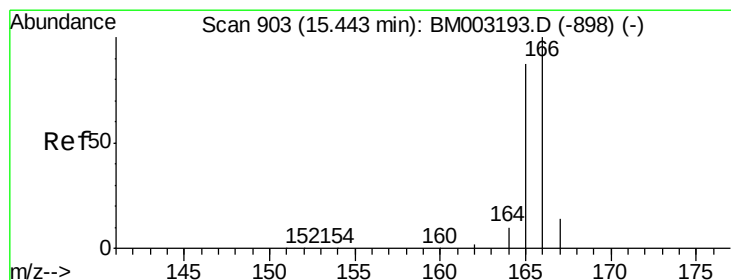
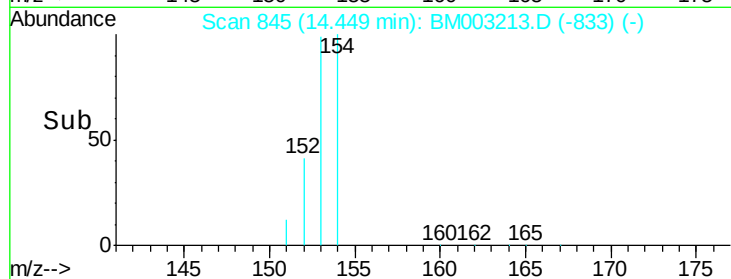
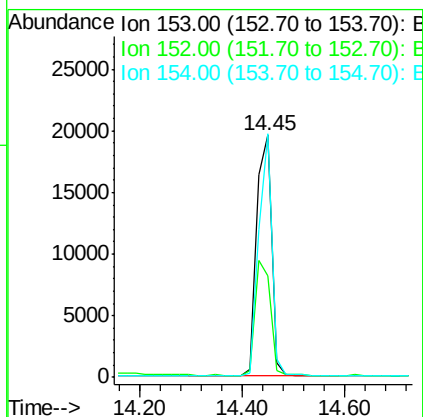
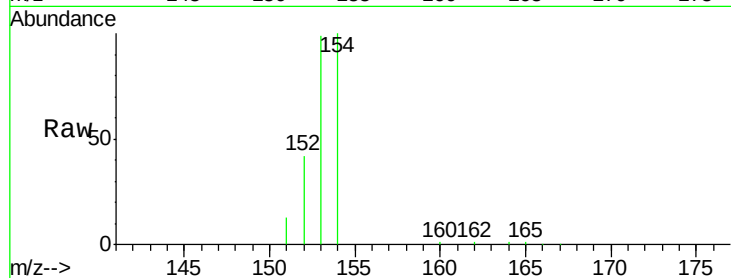
Tot Ion:153 Resp: 38798

Ion Ratio Lower Upper

153 100

152 42.2 33.9 50.9

154 100.6 80.6 121.0



#11

Fluorene

Concen: 0.42 ng/ul

RT: 15.44 min Scan# 903

Delta R.T. 0.00 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

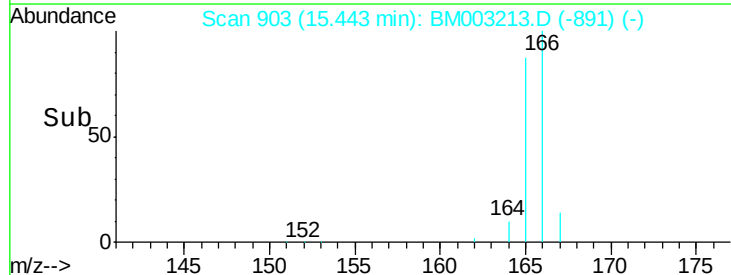
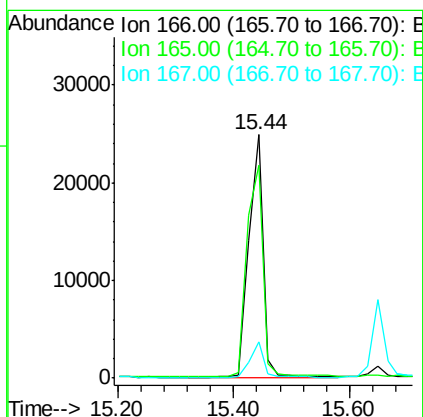
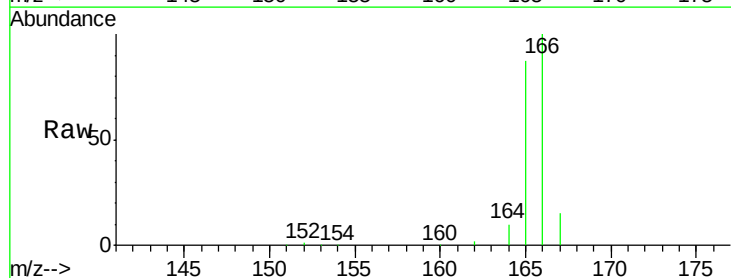
Tgt Ion:166 Resp: 42780

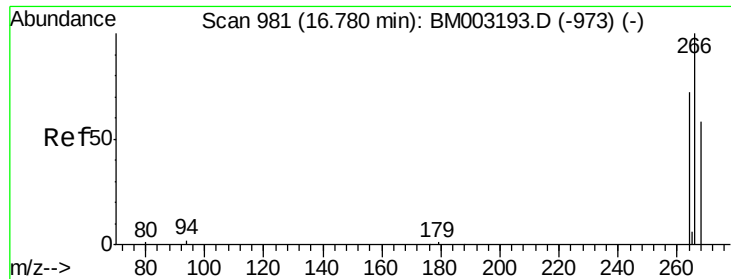
Ion Ratio Lower Upper

166 100

165 87.3 69.6 104.4

167 14.7 11.9 17.9

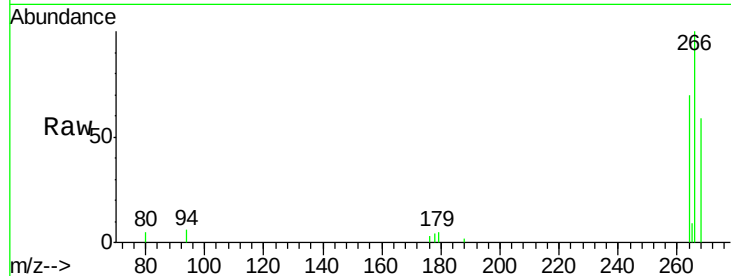




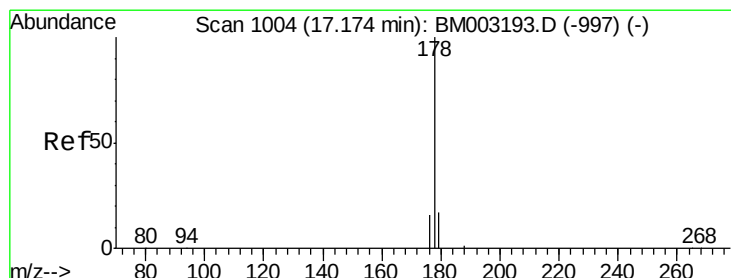
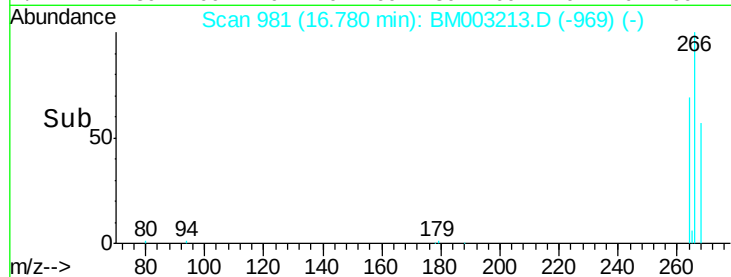
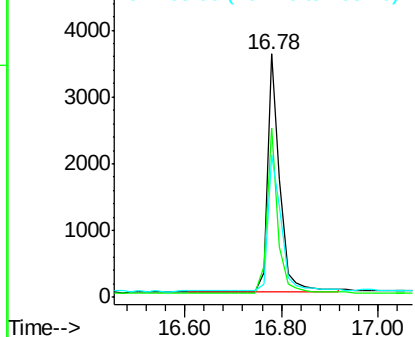
#13
 Pentachlorophenol
 Concen: 0.48 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BM003213.D
 Acq: 20 Nov 2015 05:13

Instrument :
 BNA_M
 ClientSampleId :
 SST0.455

Tot Ion:266 Resp: 6468
 Ion Ratio Lower Upper
 266 100
 264 63.2 0.3 0.5#
 268 62.1 0.0 0.0#

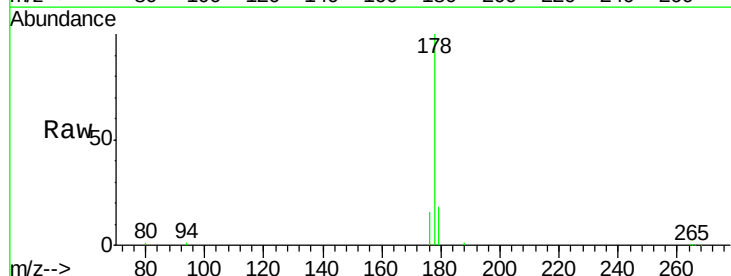


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

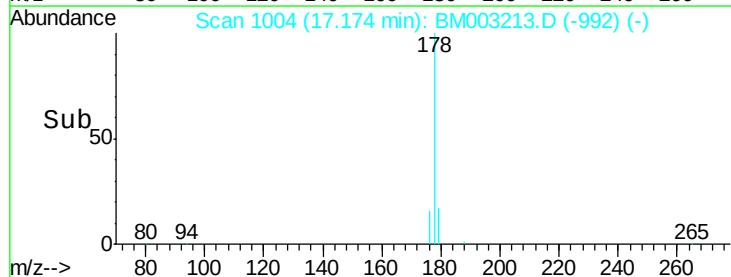
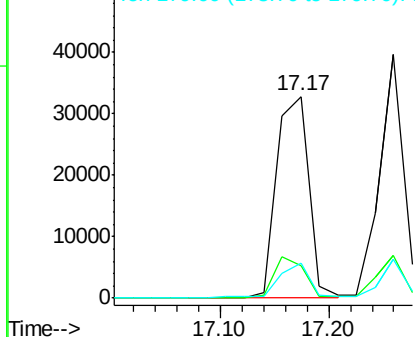


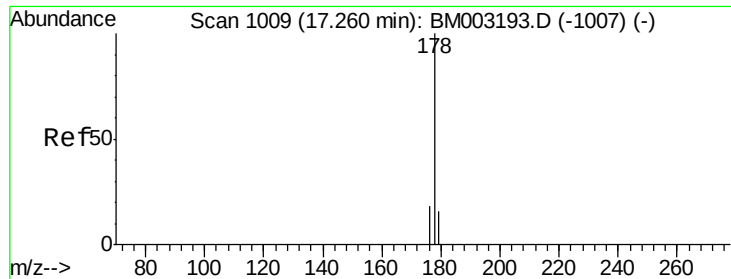
#14
 Phenanthrene
 Concen: 0.41 ng/ul
 RT: 17.17 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BM003213.D
 Acq: 20 Nov 2015 05:13

Tgt Ion:178 Resp: 67030
 Ion Ratio Lower Upper
 178 100
 176 16.3 13.0 19.4
 179 17.6 14.2 21.2



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: 0.45 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.455

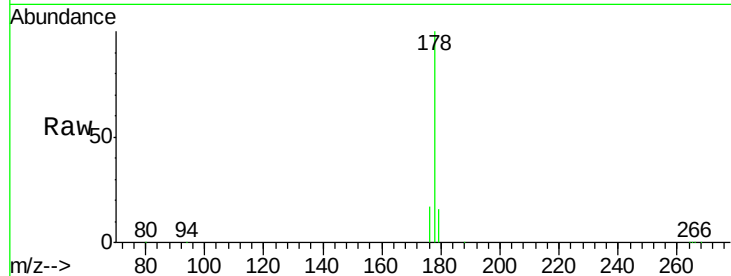
Tot Ion:178 Resp: 62138

Ion Ratio Lower Upper

178 100

176 17.4 14.0 21.0

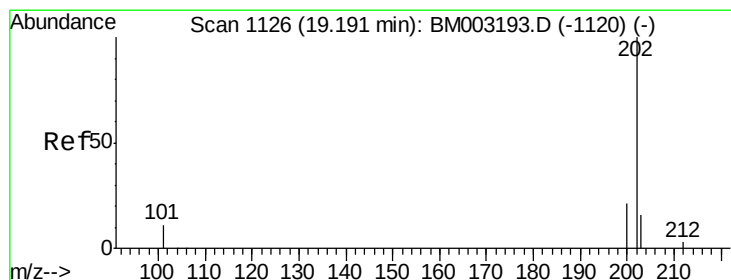
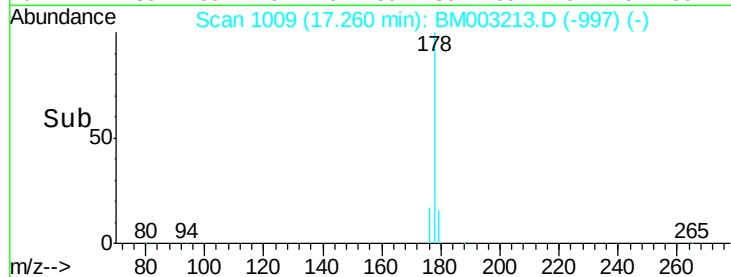
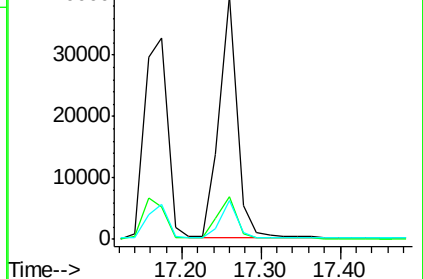
179 16.1 12.9 19.3



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: 0.42 ng/ul

RT: 19.19 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

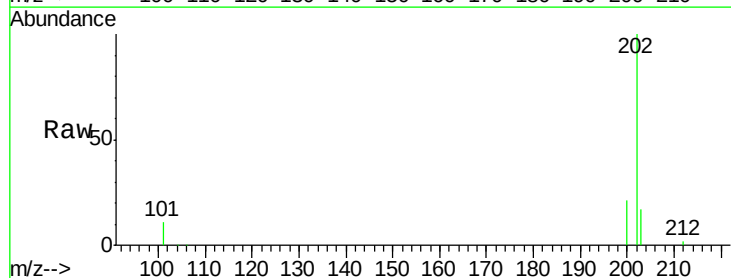
Tgt Ion:202 Resp: 75761

Ion Ratio Lower Upper

202 100

101 10.7 0.0 29.6

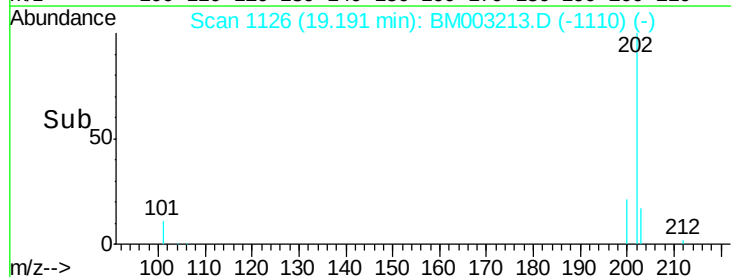
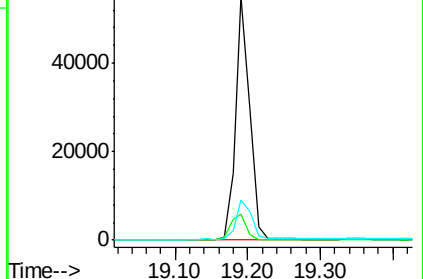
203 16.6 0.0 36.3

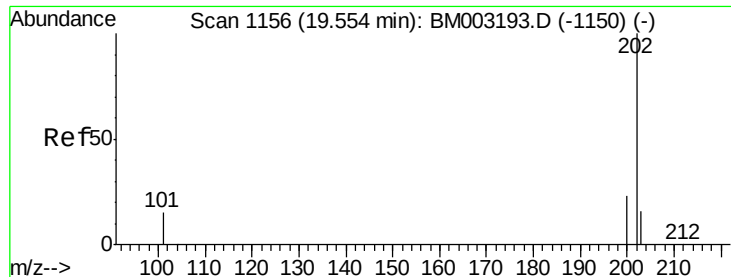


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.42 ng/ul

RT: 19.55 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.455

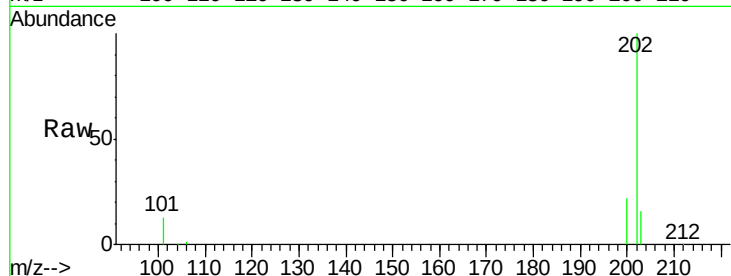
Tot Ion:202 Resp: 82381

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.8

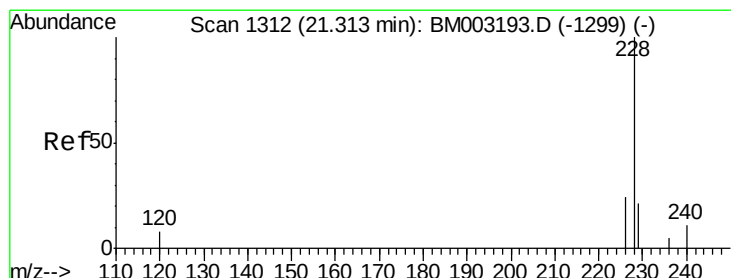
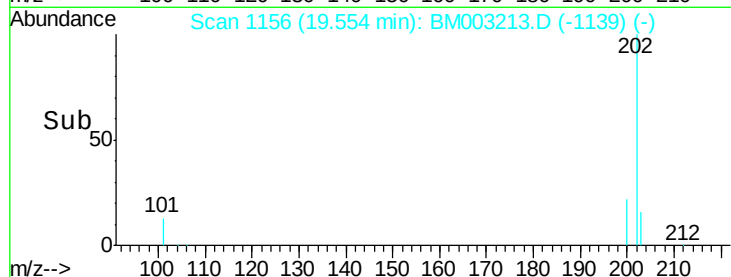
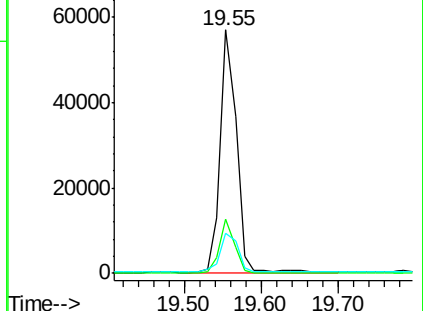
203 16.4 12.8 19.2



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



#20

Benzo(a)anthracene

Concen: 0.47 ng/ul

RT: 21.30 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

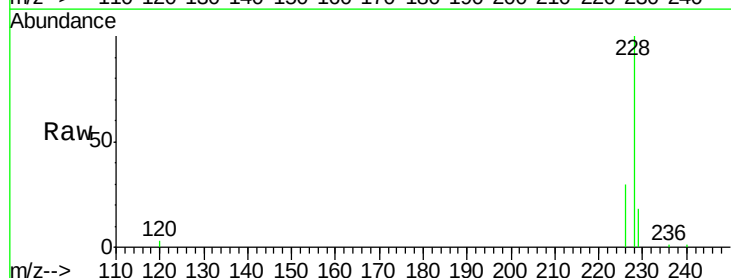
Tgt Ion:228 Resp: 76984

Ion Ratio Lower Upper

228 100

226 29.6 18.8 28.2#

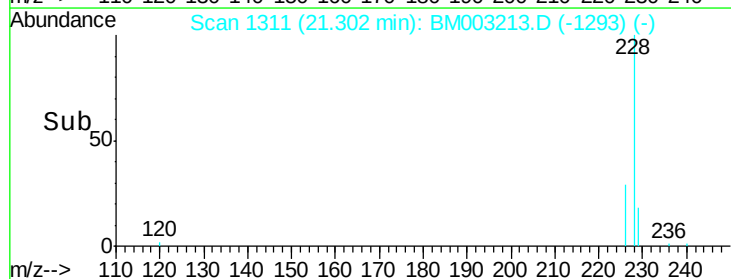
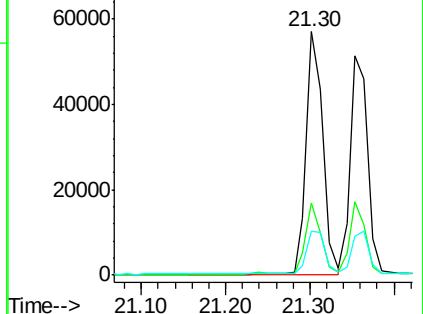
229 17.9 17.1 25.7

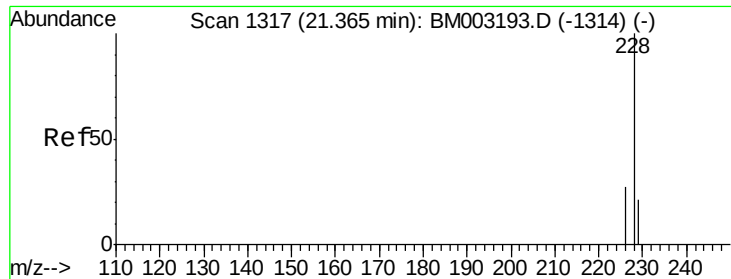


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.41 ng/ul

RT: 21.30 min Scan# 1311

Delta R.T. -0.06 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.455

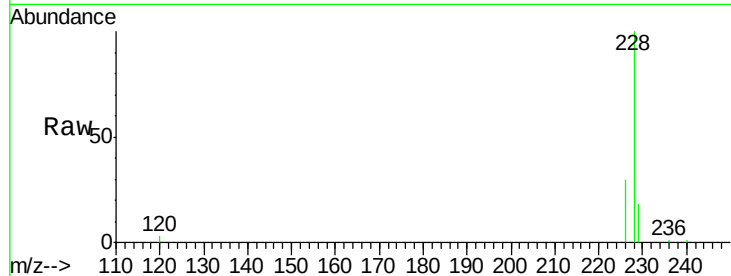
Tot Ion:228 Resp: 76907

Ion Ratio Lower Upper

228 100

226 29.6 21.2 31.8

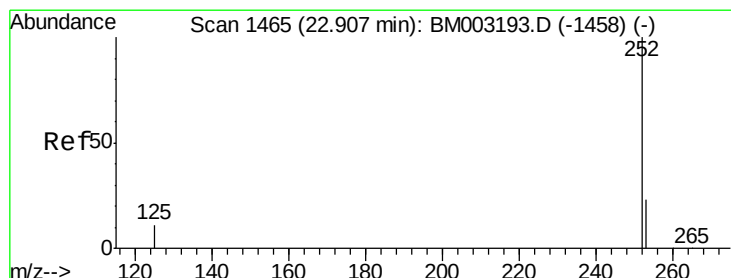
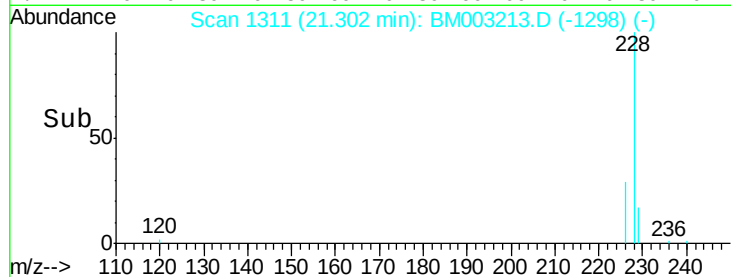
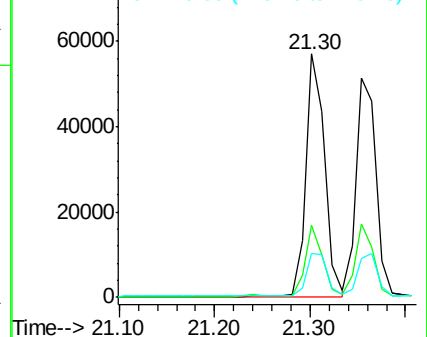
229 17.9 17.0 25.6



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: 0.37 ng/ul

RT: 22.90 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

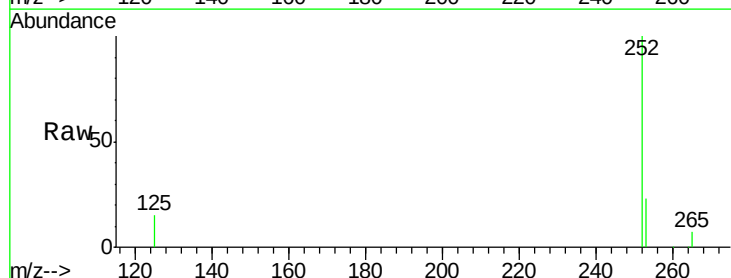
Tgt Ion:252 Resp: 77616

Ion Ratio Lower Upper

252 100

253 22.9 0.0 45.4

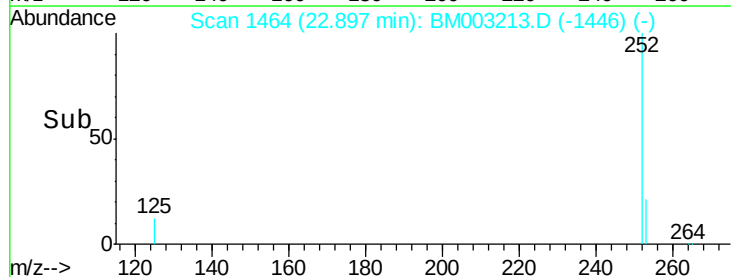
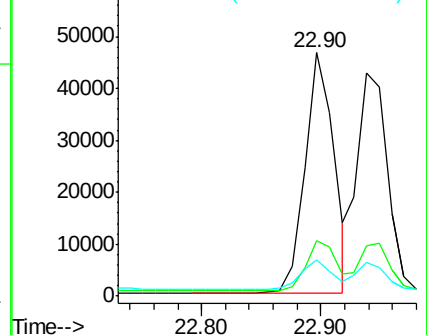
125 15.1 0.0 28.8

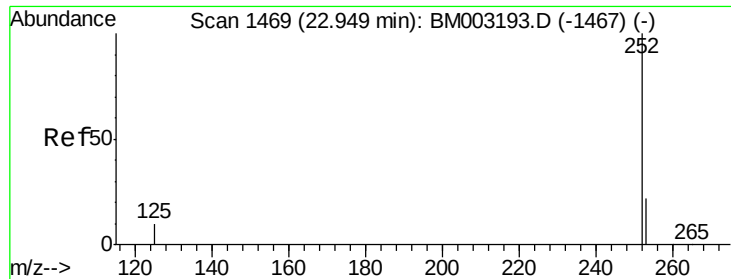


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 0.38 ng/ul

RT: 22.94 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.455

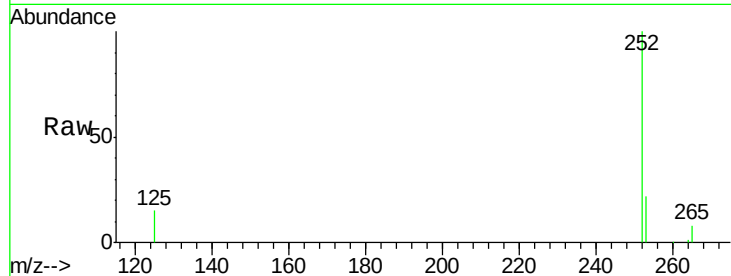
Tot Ion:252 Resp: 74781

Ion Ratio Lower Upper

252 100

253 22.4 19.8 29.8

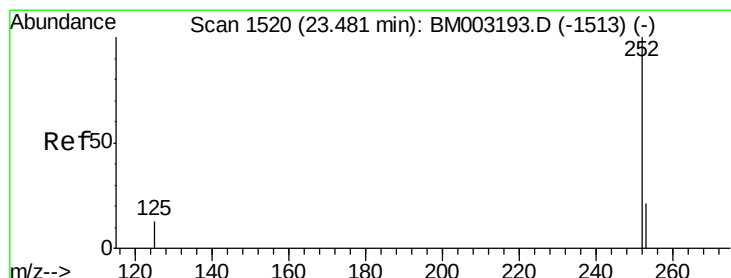
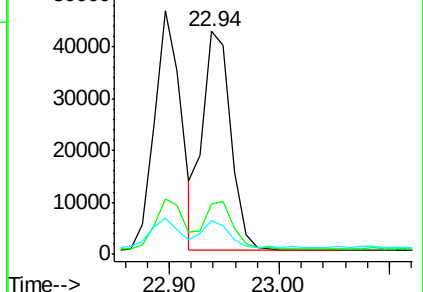
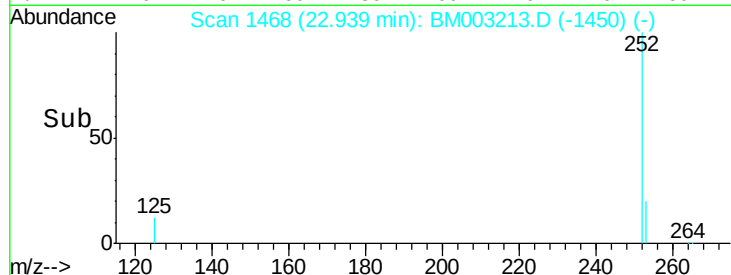
125 15.1 10.4 15.6



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



#25

Benzo(a)pyrene

Concen: 0.41 ng/ul

RT: 23.48 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

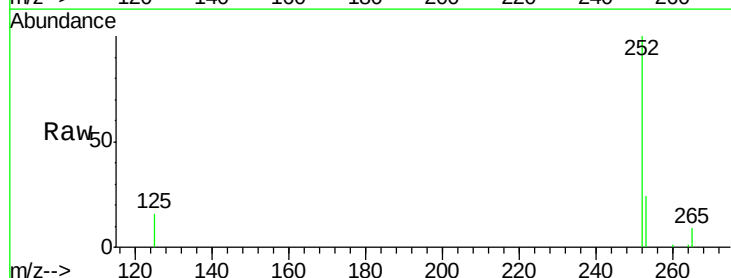
Tgt Ion:252 Resp: 75811

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.2

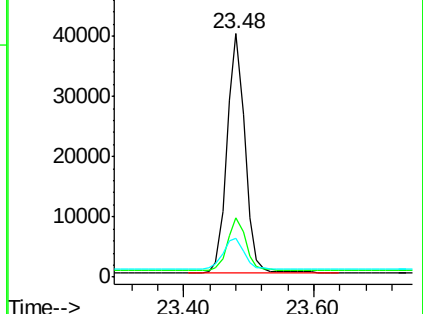
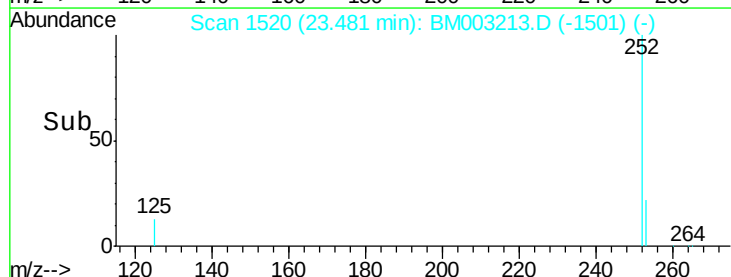
125 15.8 12.7 19.1

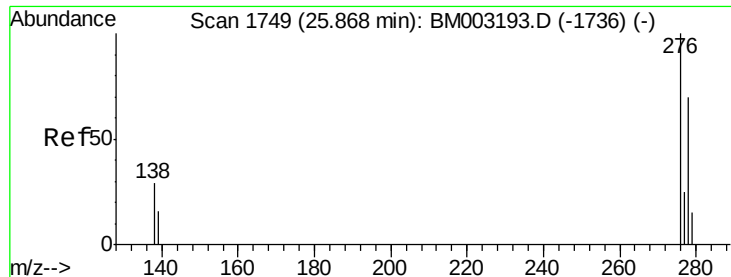


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.39 ng/ul

RT: 25.86 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.455

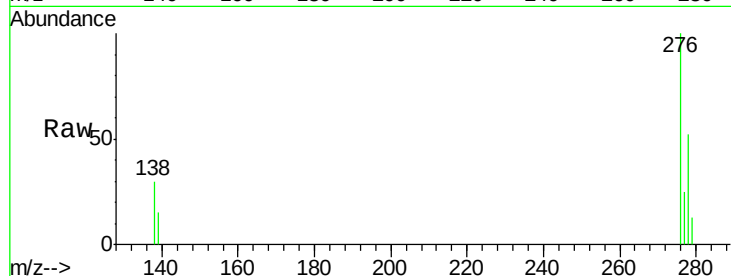
Tot Ion:276 Resp: 86387

Ion Ratio Lower Upper

276 100

138 29.8 0.0 0.0#

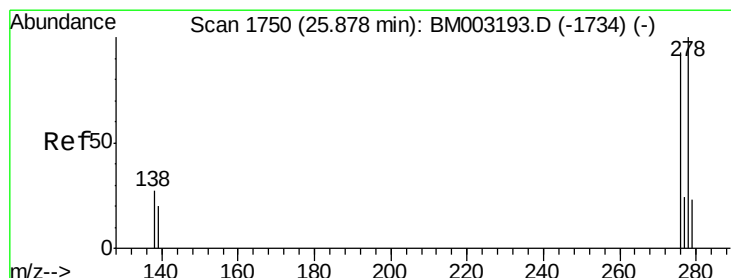
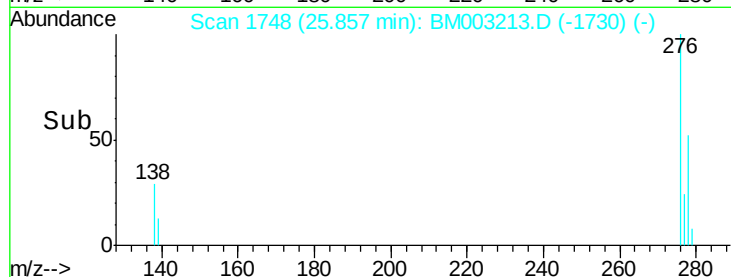
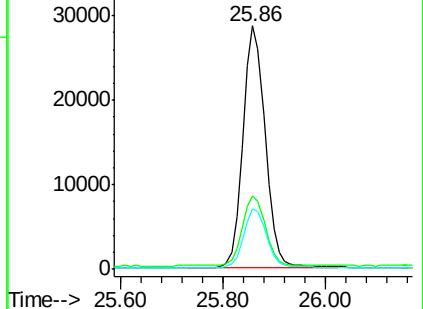
277 24.7 0.0 0.0#



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



#27

Dibenzo(a,h)anthracene

Concen: 0.39 ng/ul

RT: 25.88 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

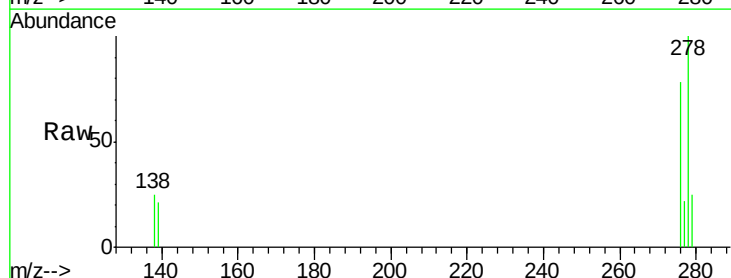
Tgt Ion:278 Resp: 69320

Ion Ratio Lower Upper

278 100

139 20.8 16.4 24.6

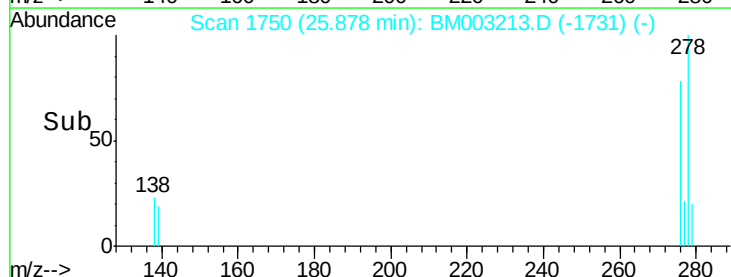
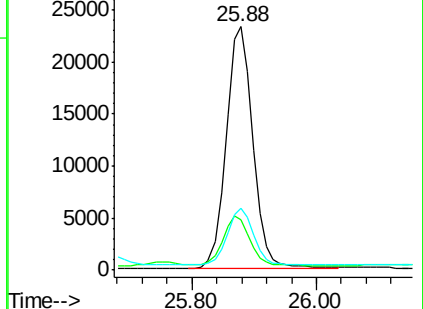
279 25.5 20.2 30.2

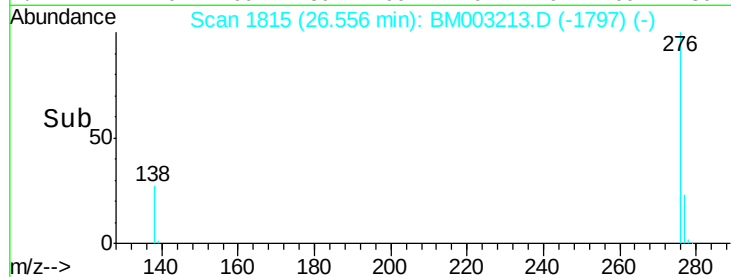
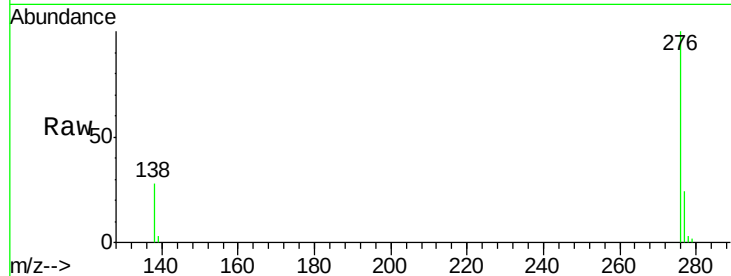
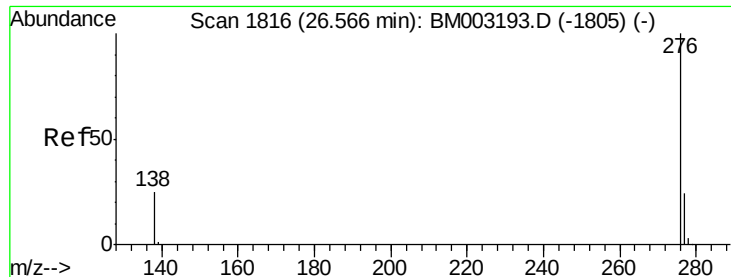


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(a,h,i)perylene

Concen: 0.38 ng/ul

RT: 26.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM003213.D

Acq: 20 Nov 2015 05:13

Instrument :

BNA_M

ClientSampleId :

SSTD0.455

Tot Ion:276 Resp: 73447

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 28.1 22.5 33.7

