

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051715\
 Data File : BM001323.D
 Acq On : 15 May 2015 10:42
 Operator : TP/IZ
 Sample : G2159-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1R81

Quant Time: May 18 10:42:06 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM051115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 02:13:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	887	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	3168	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	1662	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	3583	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	3284	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3179	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.83	152	881	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	2604	0.33	ng/ul	0.00

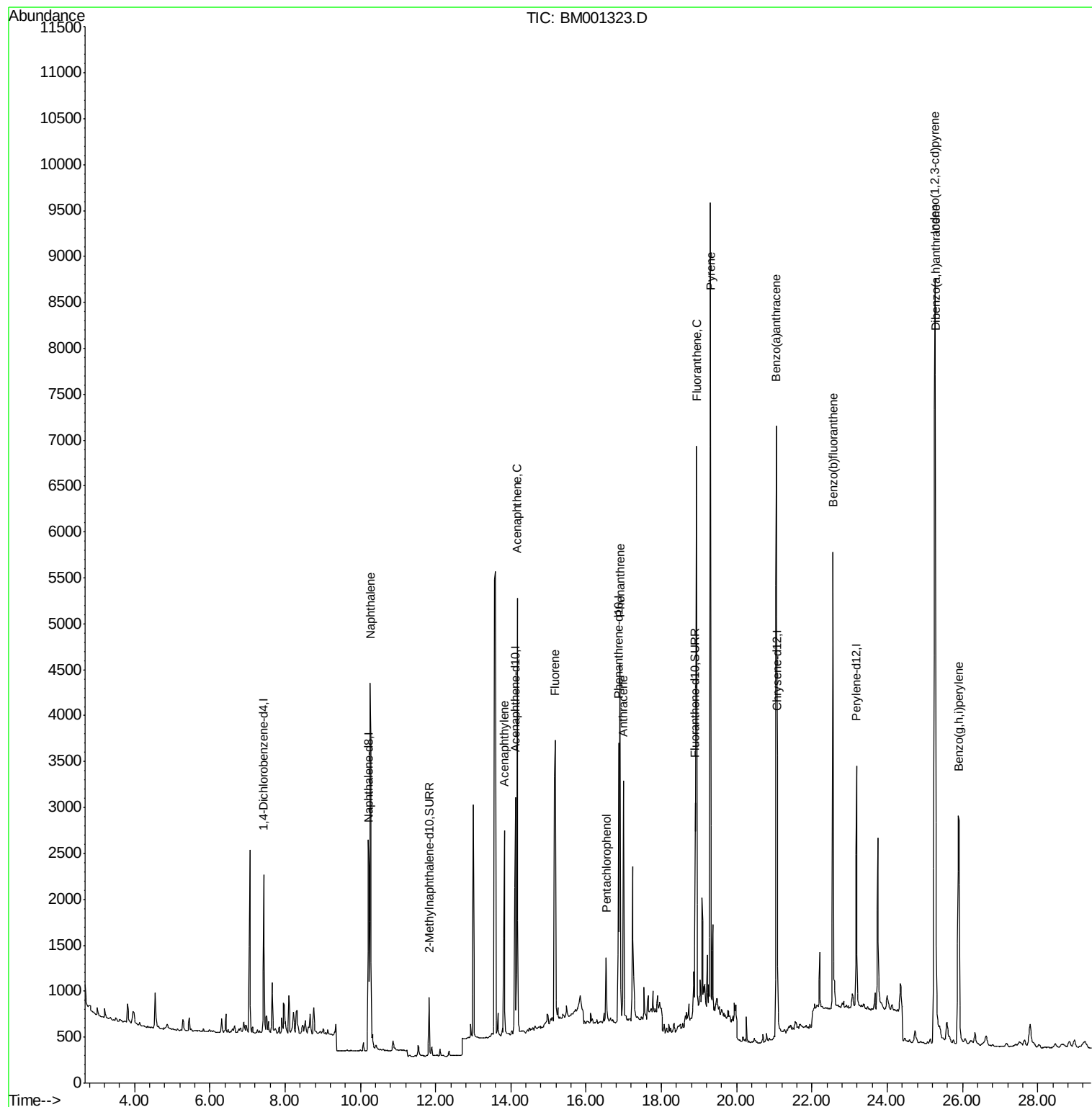
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.26	128	5993	0.75	ng/ul	97
7) Acenaphthylene	13.82	152	2940	0.40	ng/ul	99
8) Acenaphthene	14.17	153	2699	0.47	ng/ul	98
9) Fluorene	15.18	166	2848	0.44	ng/ul	97
11) Pentachlorophenol	16.53	266	737	0.95	ng/ul	97
12) Phenanthrene	16.91	178	5577	0.55	ng/ul	98
13) Anthracene	16.98	178	3920m	0.42	ng/ul	
15) Fluoranthene	18.94	202	6510	0.58	ng/ul	93
17) Pyrene	19.30	202	8657	0.68	ng/ul	97
18) Benzo(a)anthracene	21.06	228	6097	0.61	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	6172	0.54	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.27	276	9129	0.75	ng/ul	97
25) Dibenzo(a,h)anthracene	25.28	278	6988	0.72	ng/ul#	90
26) Benzo(g,h,i)perylene	25.89	276	4909	0.45	ng/ul	96

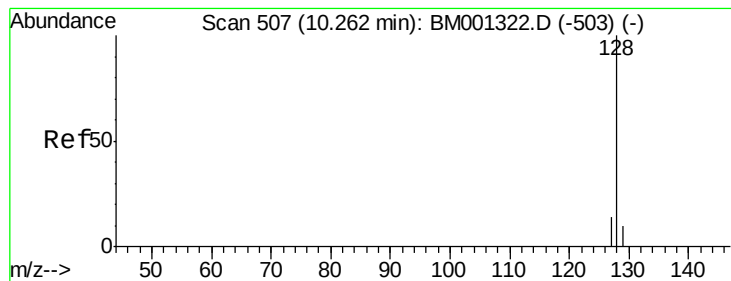
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.75 ng/ul

RT: 10.26 min Scan# 507

Delta R.T. -0.00 min

Lab File: BM001323.D

Acq: 15 May 2015 10:42

Instrument :

BNA_M

ClientSampleId :

X1R81

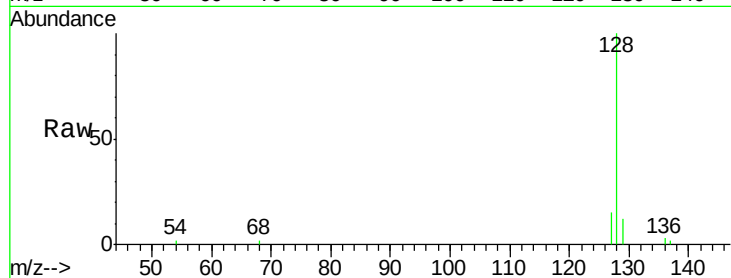
Tgt Ion:128 Resp: 5993

Ion Ratio Lower Upper

128 100

129 11.6 10.4 15.6

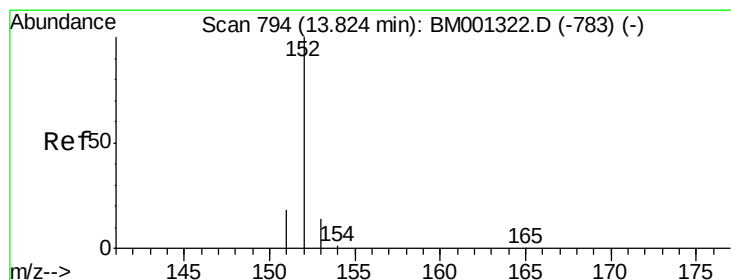
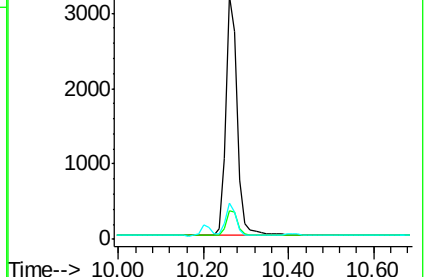
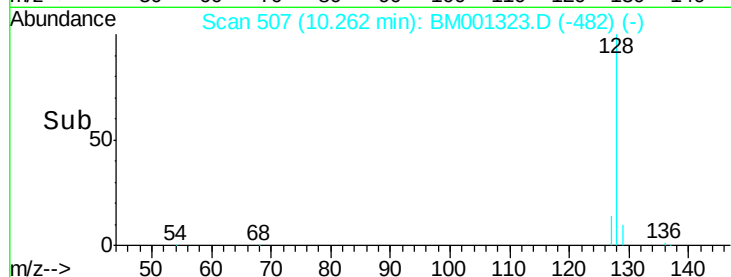
127 14.8 11.3 16.9



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



#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 13.82 min Scan# 794

Delta R.T. -0.00 min

Lab File: BM001323.D

Acq: 15 May 2015 10:42

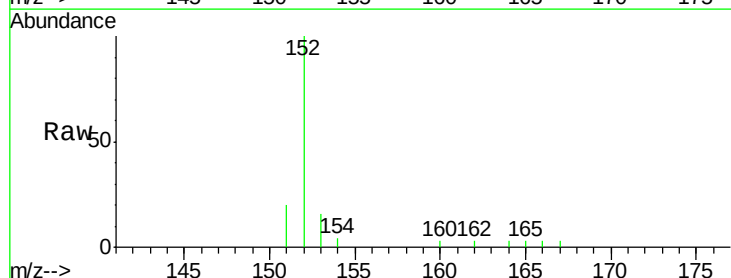
Tgt Ion:152 Resp: 2940

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

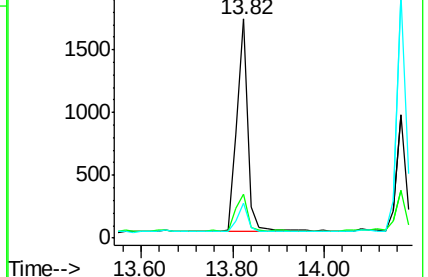
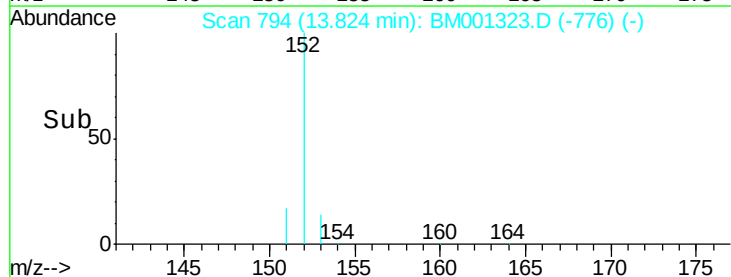
153 16.1 13.3 19.9

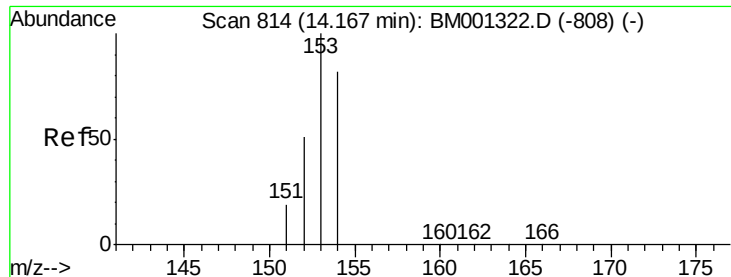


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.47 ng/ul

RT: 14.17 min Scan# 814

Delta R.T. -0.00 min

Lab File: BM001323.D

Acq: 15 May 2015 10:42

Instrument :

BNA_M

ClientSampleId :

X1R81

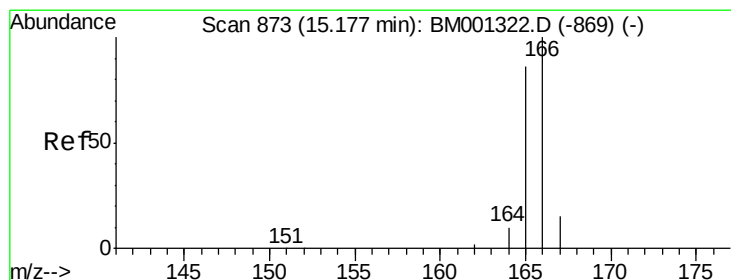
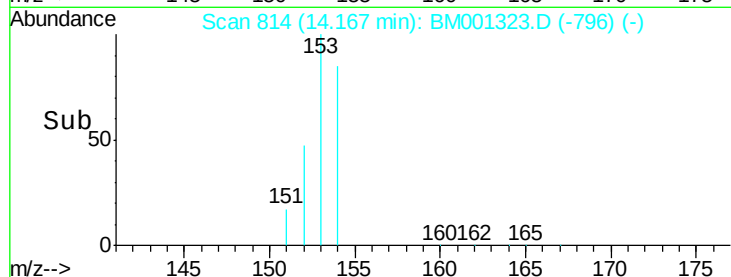
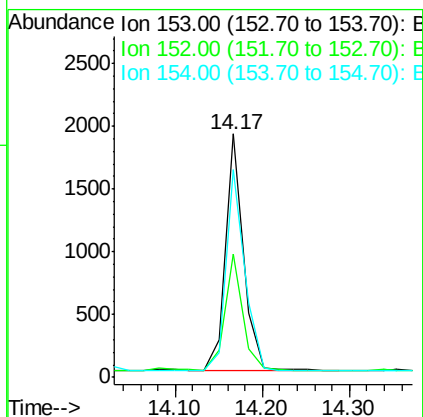
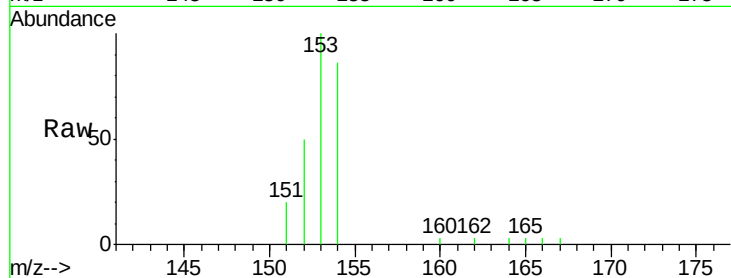
Tgt Ion:153 Resp: 2699

Ion Ratio Lower Upper

153 100

152 50.4 39.4 59.0

154 85.6 70.6 105.8



#9

Fluorene

Concen: 0.44 ng/ul

RT: 15.18 min Scan# 873

Delta R.T. -0.00 min

Lab File: BM001323.D

Acq: 15 May 2015 10:42

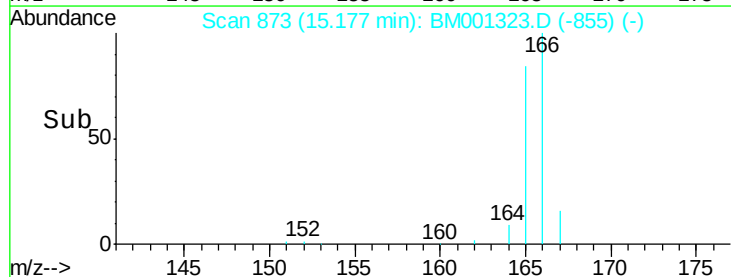
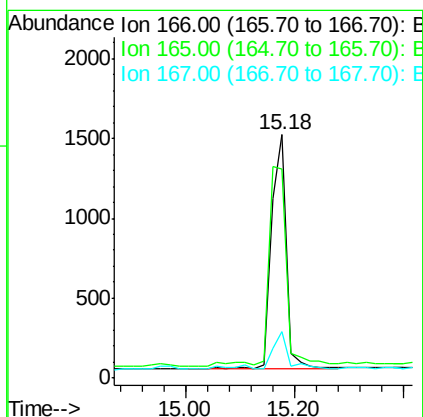
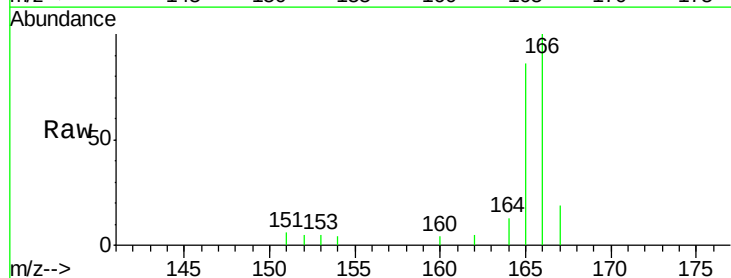
Tgt Ion:166 Resp: 2848

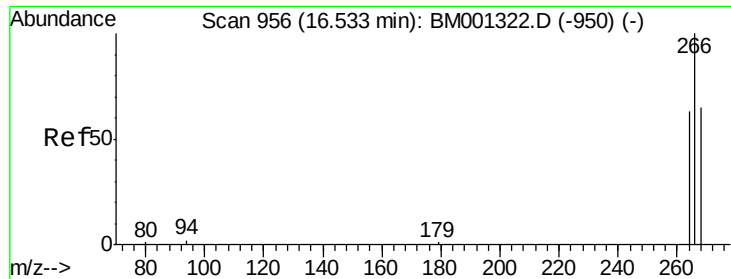
Ion Ratio Lower Upper

166 100

165 85.6 66.2 99.2

167 18.9 14.7 22.1

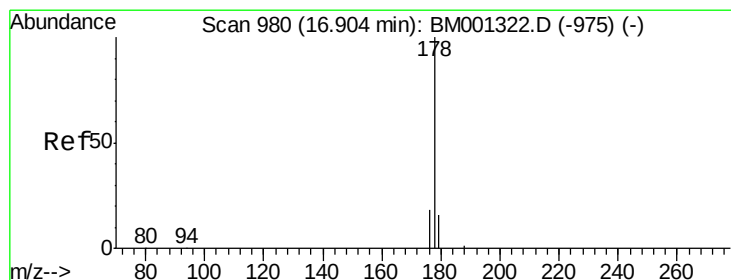
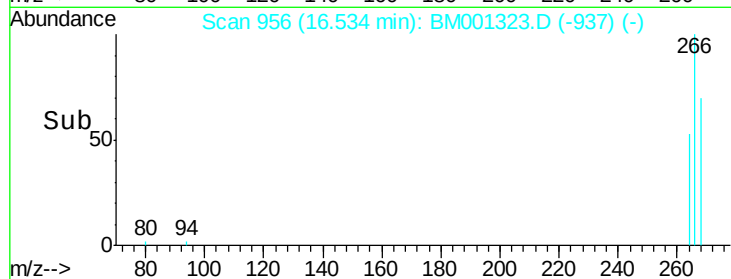
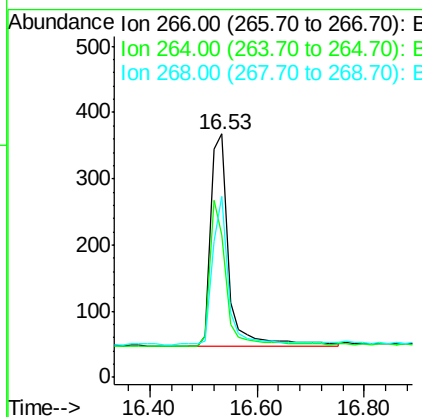
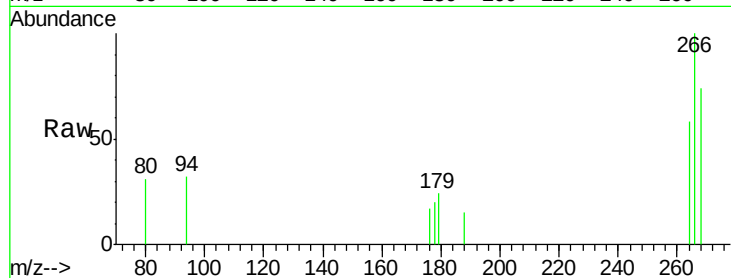




#11
 Pentachlorophenol
 Concen: 0.95 ng/ul
 RT: 16.53 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BM001323.D
 Acq: 15 May 2015 10:42

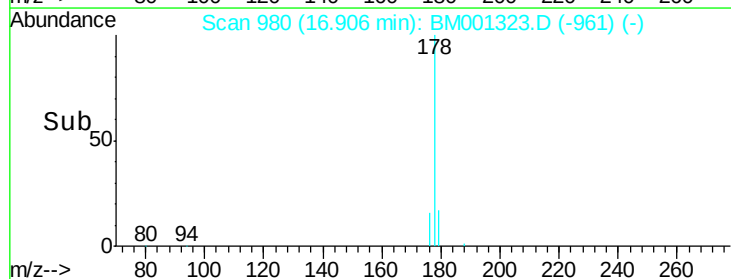
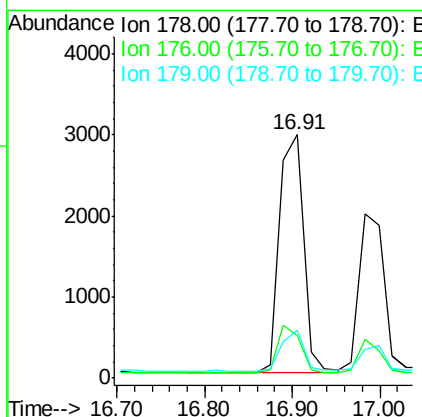
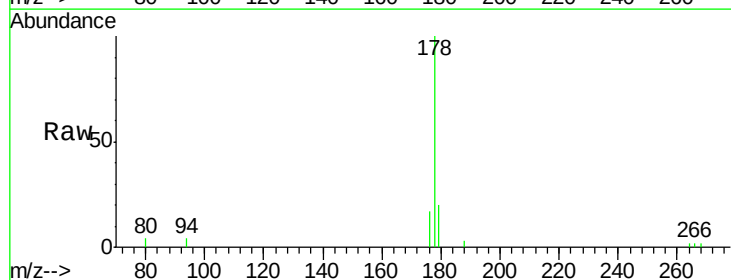
Instrument :
 BNA_M
 ClientSampleId :
 X1R81

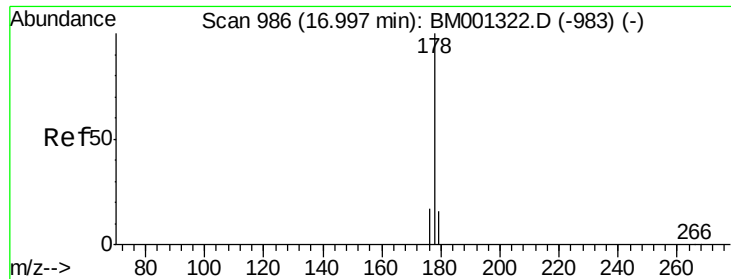
Tgt Ion: 266 Resp: 737
 Ion Ratio Lower Upper
 266 100
 264 63.9 54.6 81.8
 268 63.9 51.2 76.8



#12
 Phenanthrene
 Concen: 0.55 ng/ul
 RT: 16.91 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM001323.D
 Acq: 15 May 2015 10:42

Tgt Ion: 178 Resp: 5577
 Ion Ratio Lower Upper
 178 100
 176 17.4 14.3 21.5
 179 19.5 14.9 22.3





#13

Anthracene

Concen: 0.42 ng/ul m

RT: 16.98 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM001323.D

Acq: 15 May 2015 10:42

Instrument :

BNA_M

ClientSampleId :

X1R81

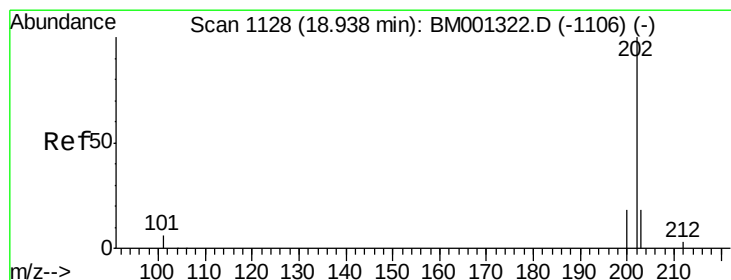
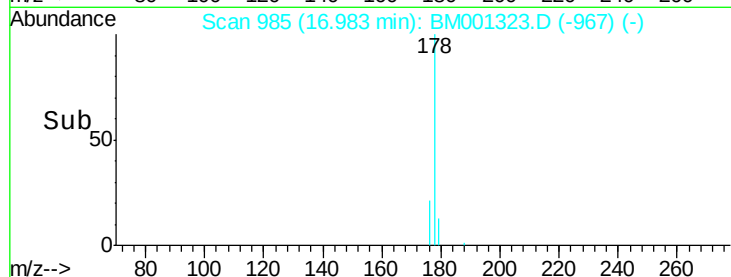
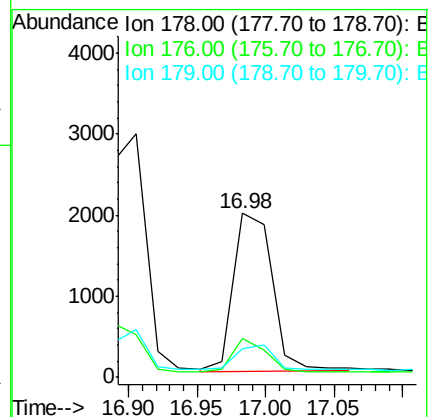
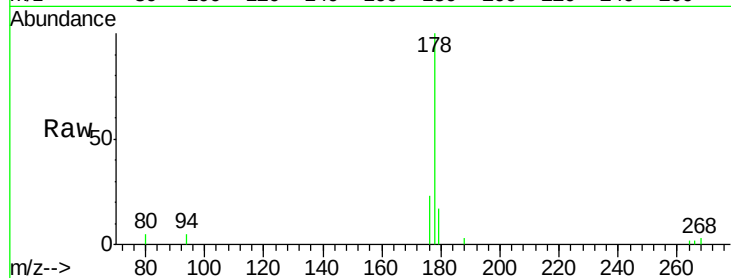
Tgt Ion:178 Resp: 3920

Ion Ratio Lower Upper

178 100

176 23.4 14.6 22.0#

179 17.4 15.3 22.9



#15

Fluoranthene

Concen: 0.58 ng/ul

RT: 18.94 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BM001323.D

Acq: 15 May 2015 10:42

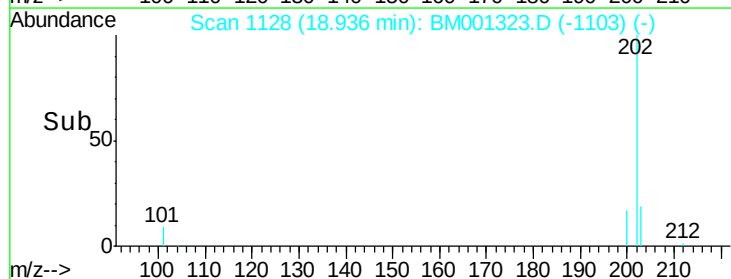
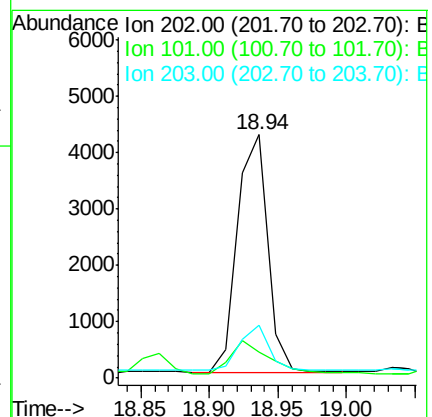
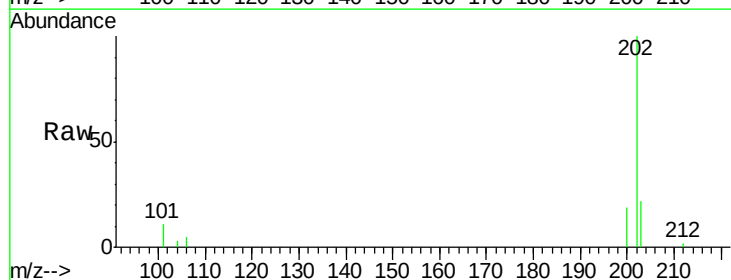
Tgt Ion:202 Resp: 6510

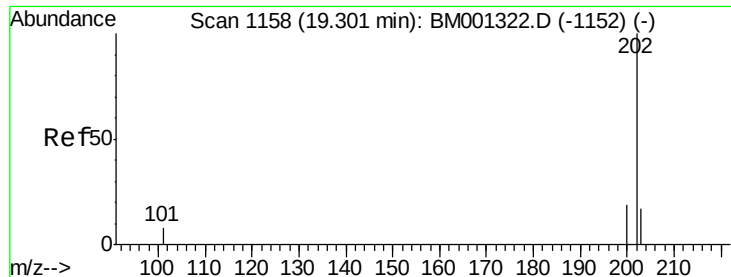
Ion Ratio Lower Upper

202 100

101 10.8 0.0 28.1

203 21.6 0.0 38.6

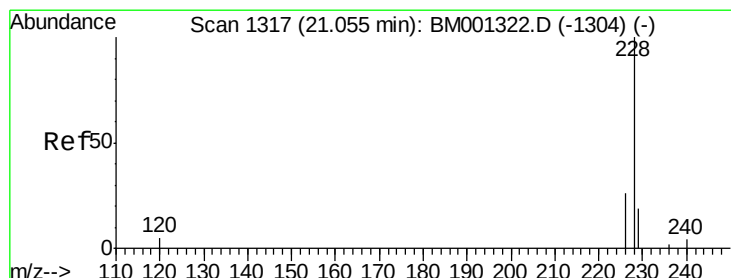
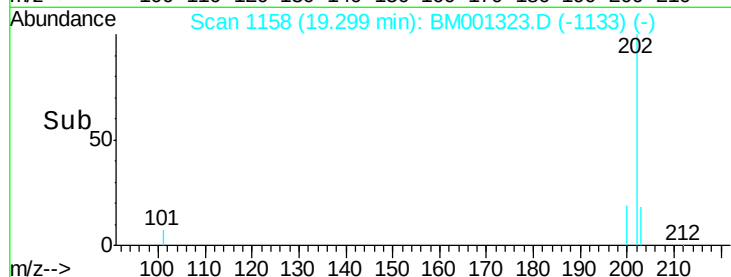
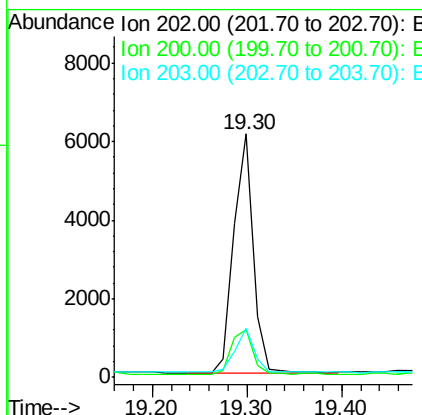
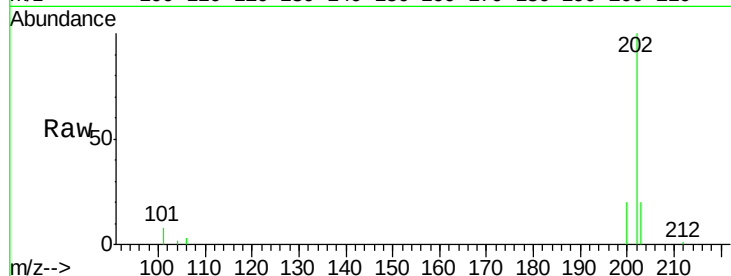




#17
 Pyrene
 Concen: 0.68 ng/ul
 RT: 19.30 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BM001323.D
 Acq: 15 May 2015 10:42

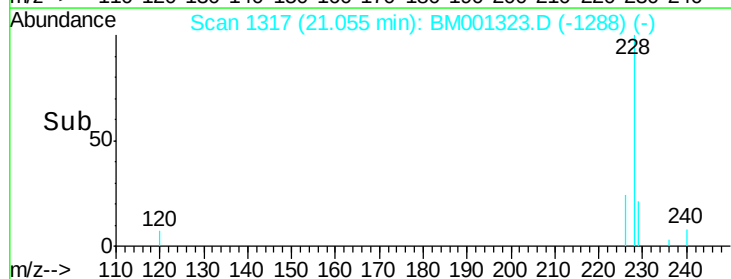
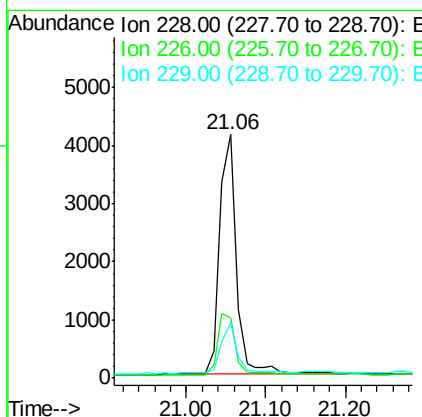
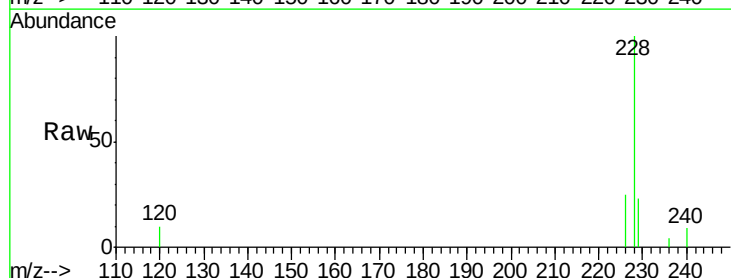
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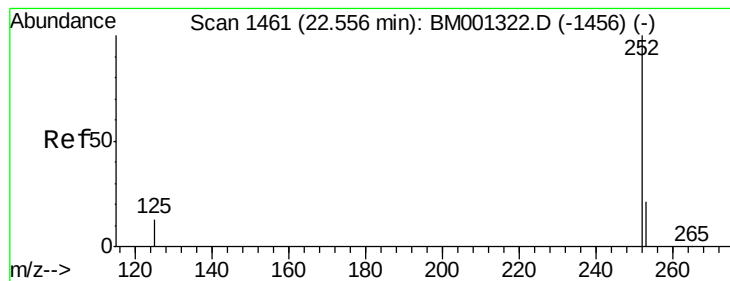
Tgt Ion:202 Resp: 8657
 Ion Ratio Lower Upper
 202 100
 200 19.8 16.8 25.2
 203 19.9 15.0 22.4



#18
 Benzo(a)anthracene
 Concen: 0.61 ng/ul
 RT: 21.06 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BM001323.D
 Acq: 15 May 2015 10:42

Tgt Ion:228 Resp: 6097
 Ion Ratio Lower Upper
 228 100
 226 24.8 20.6 31.0
 229 22.7 17.4 26.0





#21

Benzo(b)fluoranthene

Concen: 0.54 ng/ul

RT: 22.56 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BM001323.D

Acq: 15 May 2015 10:42

Instrument :

BNA_M

ClientSampleId :

X1R81

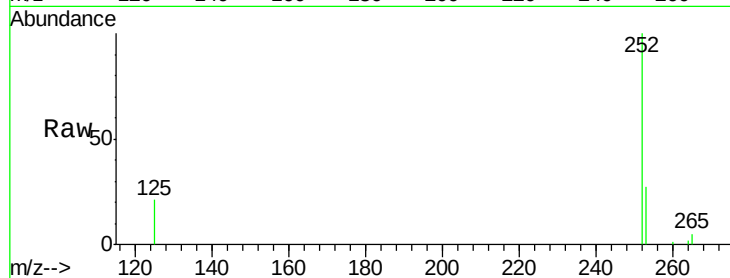
Tgt Ion:252 Resp: 6172

Ion Ratio Lower Upper

252 100

253 26.5 0.0 51.0

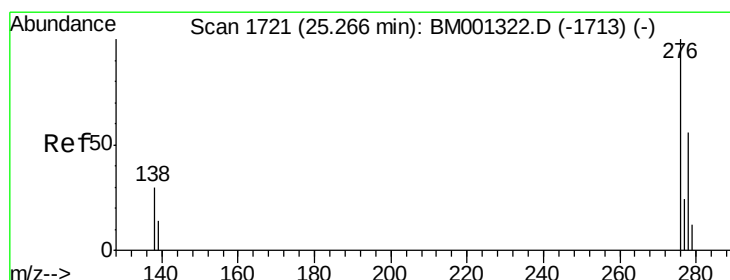
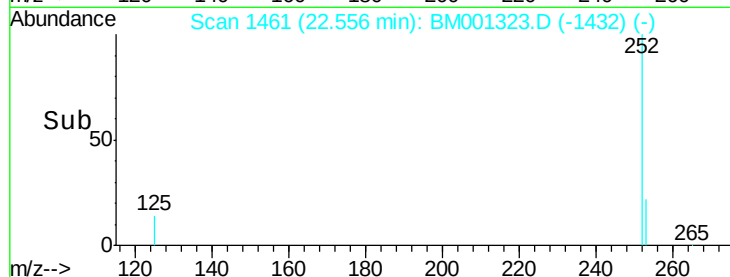
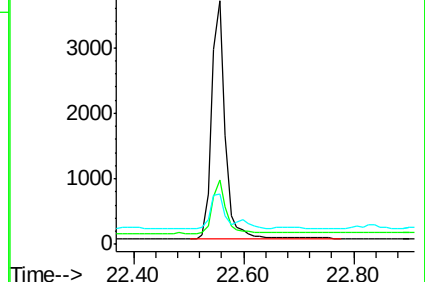
125 20.7 0.0 30.8



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: 0.75 ng/ul

RT: 25.27 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BM001323.D

Acq: 15 May 2015 10:42

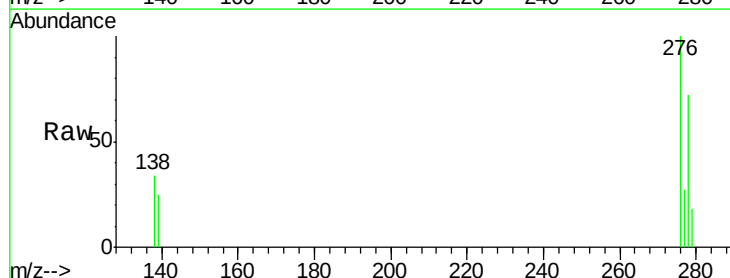
Tgt Ion:276 Resp: 9129

Ion Ratio Lower Upper

276 100

138 33.2 24.2 36.4

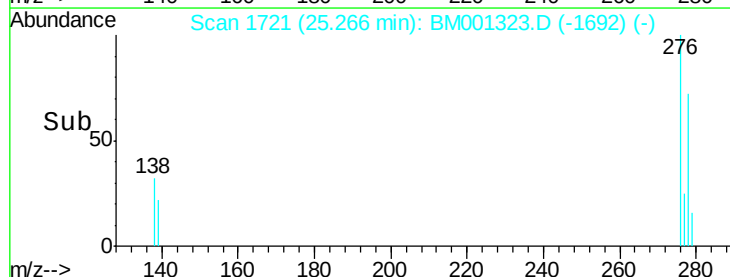
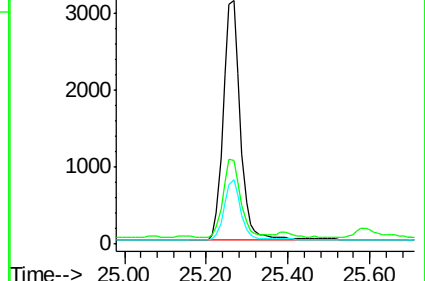
277 24.2 19.3 28.9

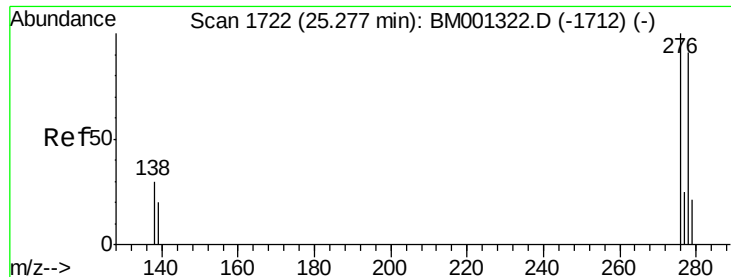


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.72 ng/ul

RT: 25.28 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BM001323.D

Acq: 15 May 2015 10:42

Instrument :

BNA_M

ClientSampleId :

X1R81

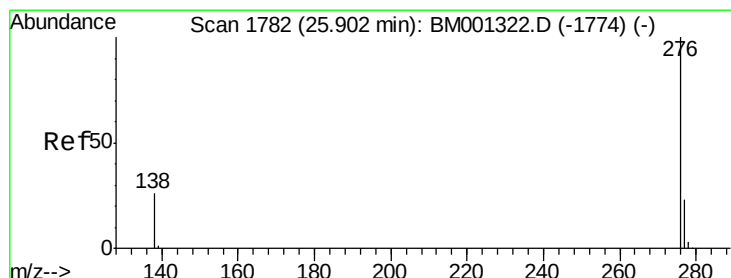
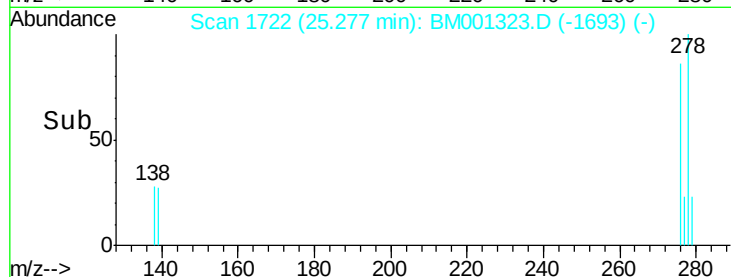
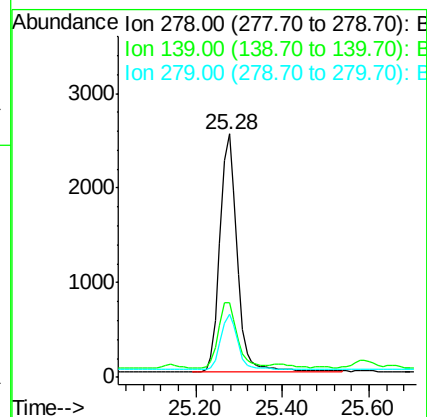
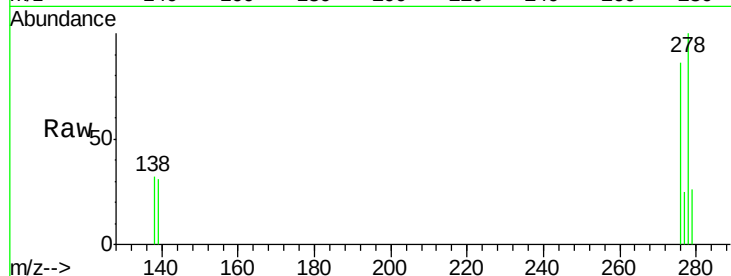
Tgt Ion:278 Resp: 6988

Ion Ratio Lower Upper

278 100

139 30.9 18.6 28.0#

279 26.0 23.2 34.8



#26

Benzo(g,h,i)perylene

Concen: 0.45 ng/ul

RT: 25.89 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BM001323.D

Acq: 15 May 2015 10:42

Tgt Ion:276 Resp: 4909

Ion Ratio Lower Upper

276 100

277 25.3 20.9 31.3

138 32.2 23.3 34.9

