

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061815\
 Data File : BM001735.D
 Acq On : 18 Jun 2015 11:50
 Operator : TP/IZ
 Sample : G2610-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1W54

Quant Time: Jun 18 17:26:41 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM061815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 18 04:33:02 2015
 Response via : Initial Calibration

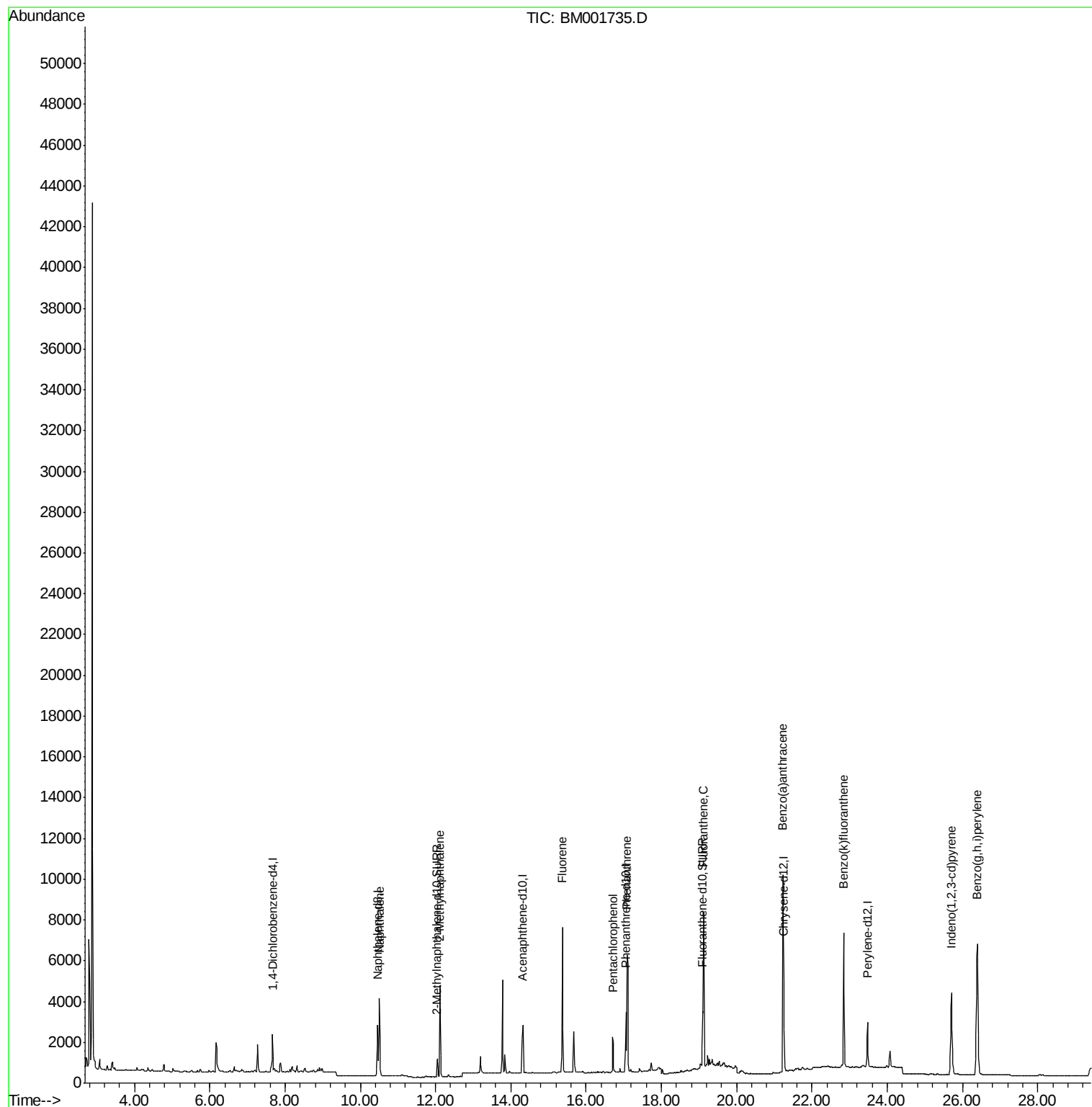
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	932	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	3402	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	1617	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	3470	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	3094	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	2795	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1255	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2874	0.39	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.50	128	5337	0.59	ng/ul	99
5) 2-Methylnaphthalene	12.12	142	3304	0.58	ng/ul	99
9) Fluorene	15.37	166	4630	0.70	ng/ul	99
11) Pentachlorophenol	16.70	266	1561	2.09	ng/ul	99
12) Phenanthrene	17.09	178	8154	0.78	ng/ul#	90
15) Fluoranthene	19.12	202	7873	0.71	ng/ul	87
18) Benzo(a)anthracene	21.23	228	8815	0.88	ng/ul	97
22) Benzo(k)fluoranthene	22.85	252	8140	0.79	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.70	276	7111	0.64	ng/ul	93
26) Benzo(g,h,i)perylene	26.39	276	12493	1.27	ng/ul	96

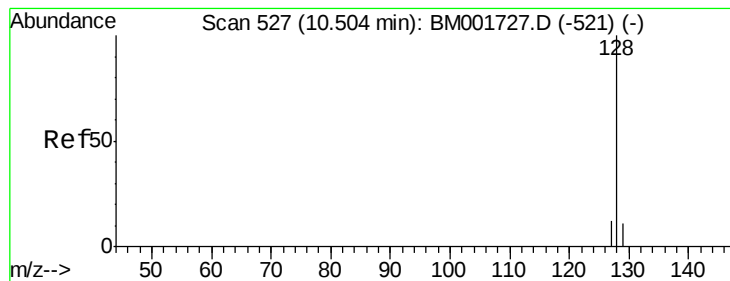
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.59 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.00 min

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Acq: 18 Jun 2015 11:50

Instrument :

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ClientSampleId :

X1W54

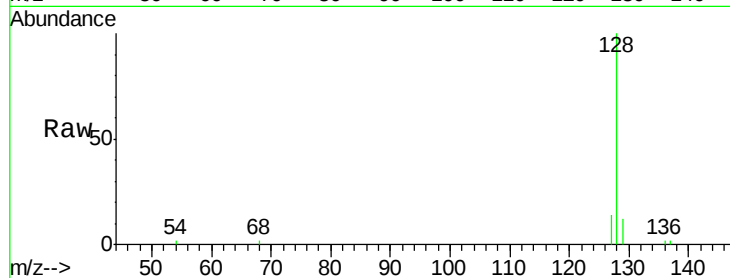
Tgt Ion:128 Resp: 5337

Ion Ratio Lower Upper

128 100

129 12.3 10.3 15.5

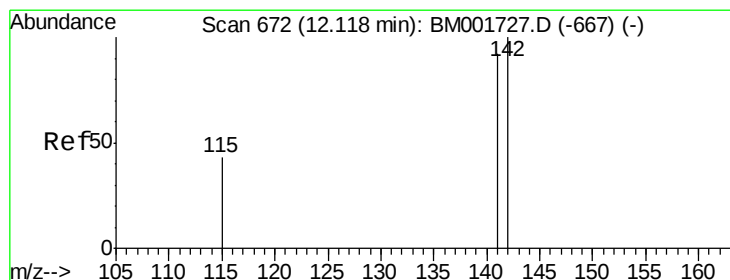
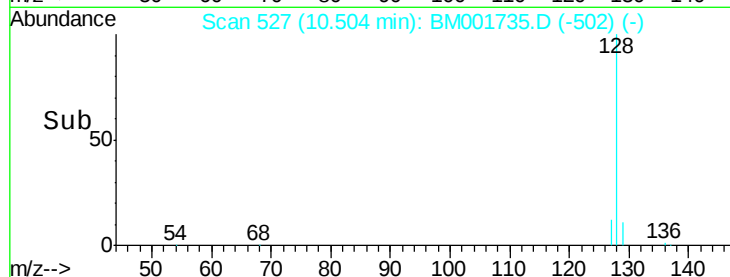
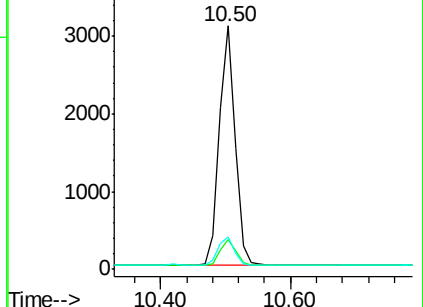
127 13.5 11.3 16.9



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



#5

2-Methylnaphthalene

Concen: 0.58 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM001735.D

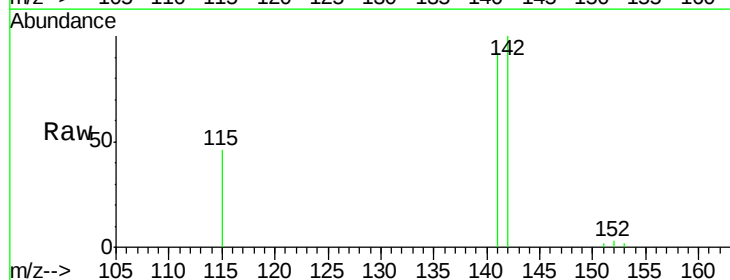
Acq: 18 Jun 2015 11:50

Tgt Ion:142 Resp: 3304

Ion Ratio Lower Upper

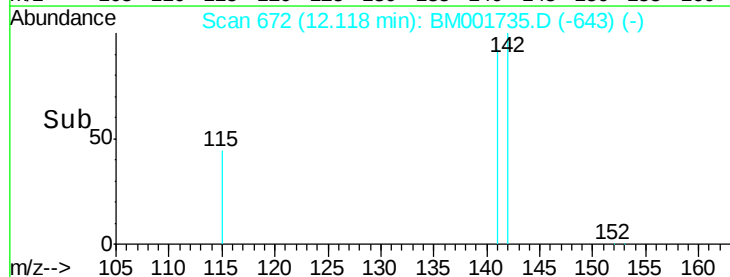
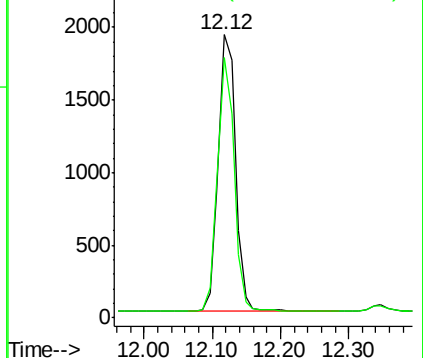
142 100

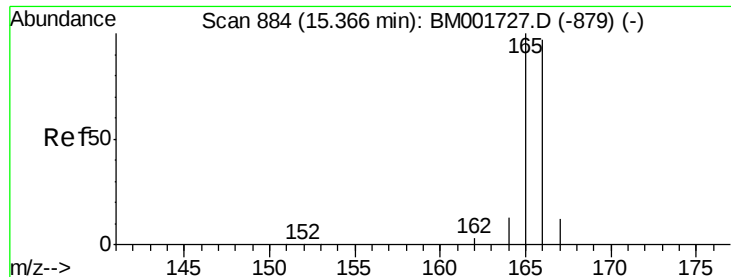
141 88.0 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.70 ng/ul

RT: 15.37 min Scan# 884

Delta R.T. 0.00 min

Lab File: BM001735.D

Acq: 18 Jun 2015 11:50

Instrument :

BNA_M

ClientSampleId :

X1W54

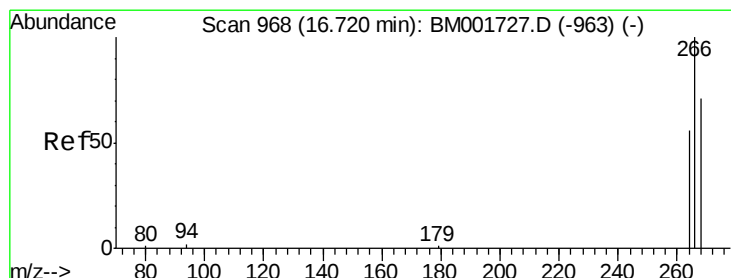
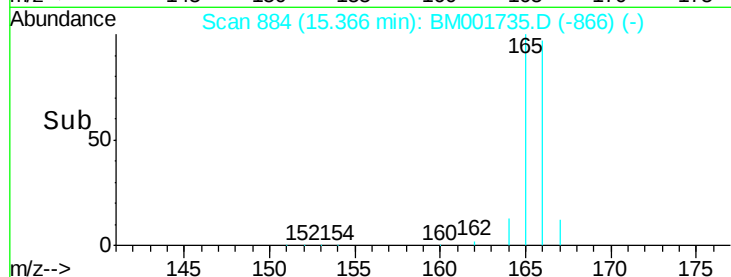
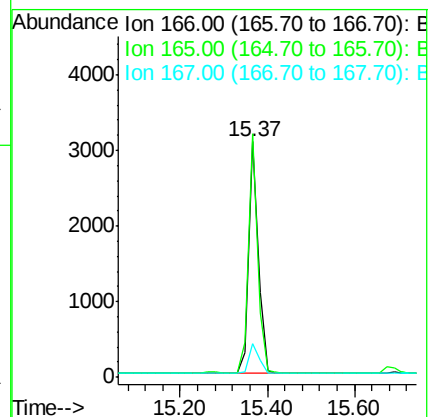
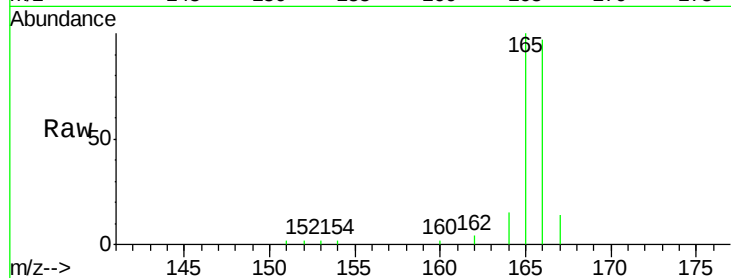
Tgt Ion:166 Resp: 4630

Ion Ratio Lower Upper

166 100

165 103.4 82.2 123.4

167 14.0 11.9 17.9



#11

Pentachlorophenol

Concen: 2.09 ng/ul

RT: 16.70 min Scan# 967

Delta R.T. -0.02 min

Lab File: BM001735.D

Acq: 18 Jun 2015 11:50

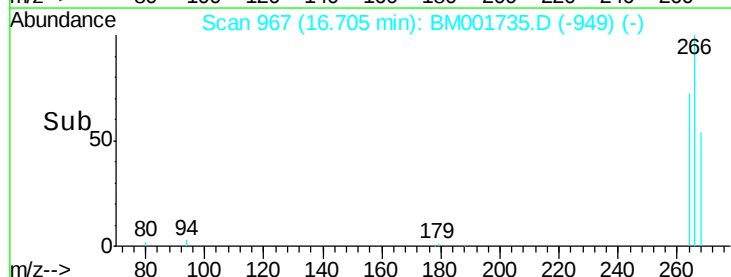
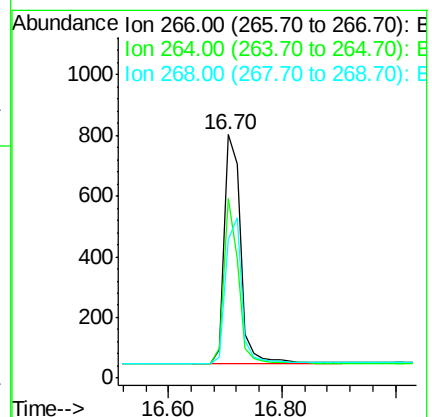
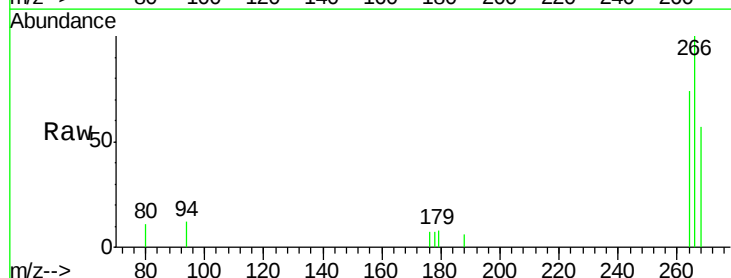
Tgt Ion:266 Resp: 1561

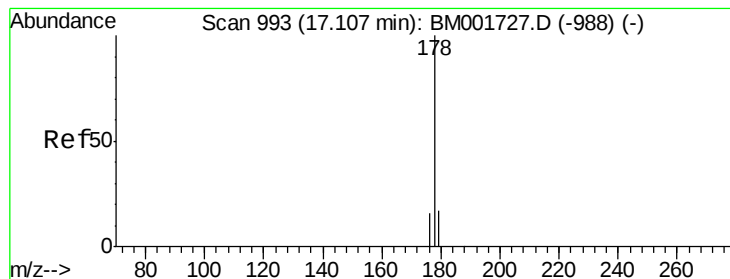
Ion Ratio Lower Upper

266 100

264 63.6 50.7 76.1

268 64.0 50.5 75.7





#12

Phenanthrene

Concen: 0.78 ng/ul

RT: 17.09 min Scan# 992

Delta R.T. -0.02 min

Lab File: BM001735.D

Acq: 18 Jun 2015 11:50

Instrument :

BNA_M

ClientSampleId :

X1W54

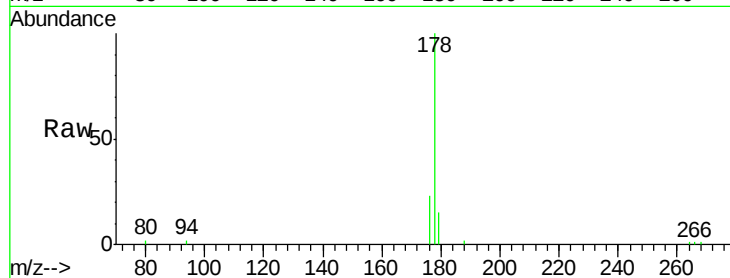
Tgt Ion:178 Resp: 8154

Ion Ratio Lower Upper

178 100

176 22.7 14.6 21.8#

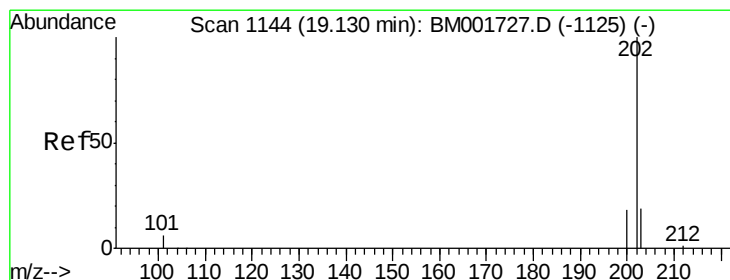
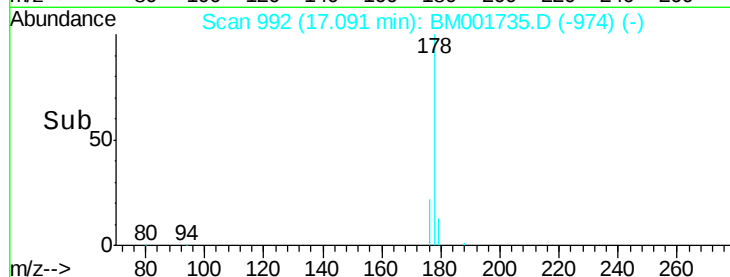
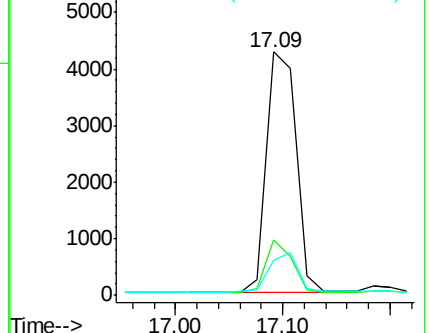
179 14.6 15.0 22.6#



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: 0.71 ng/ul

RT: 19.12 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BM001735.D

Acq: 18 Jun 2015 11:50

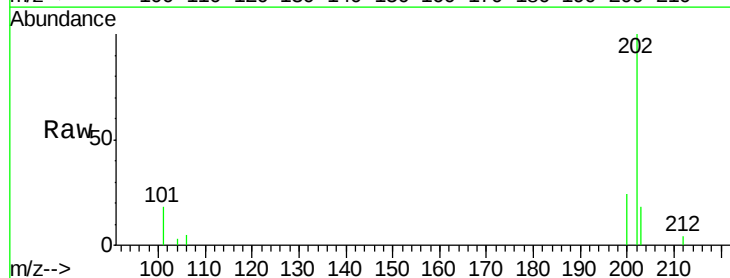
Tgt Ion:202 Resp: 7873

Ion Ratio Lower Upper

202 100

101 18.1 0.0 27.5

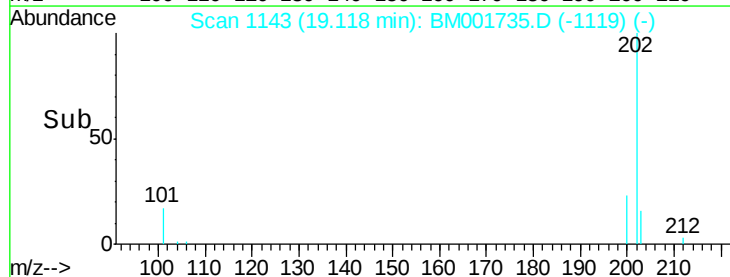
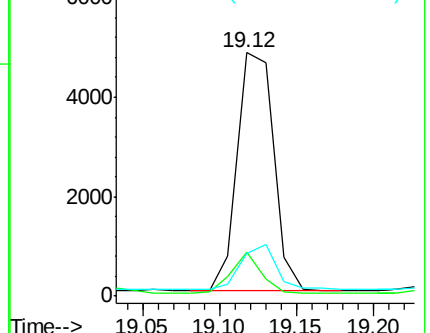
203 17.7 0.7 40.7

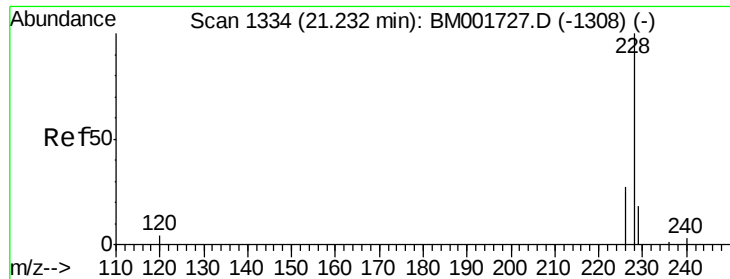


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.88 ng/ul

RT: 21.23 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM001735.D

Acq: 18 Jun 2015 11:50

Instrument :

BNA_M

ClientSampleId :

X1W54

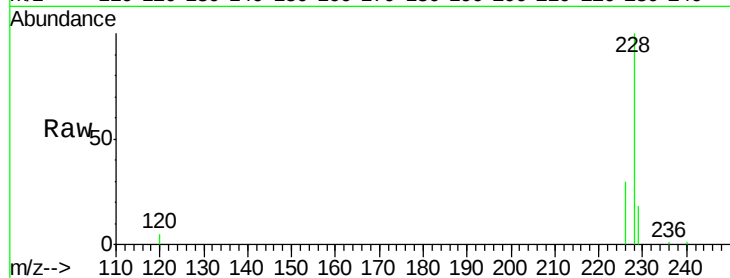
Tgt Ion:228 Resp: 8815

Ion Ratio Lower Upper

228 100

226 29.6 22.3 33.5

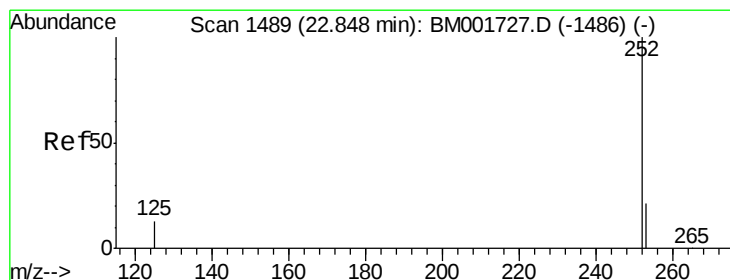
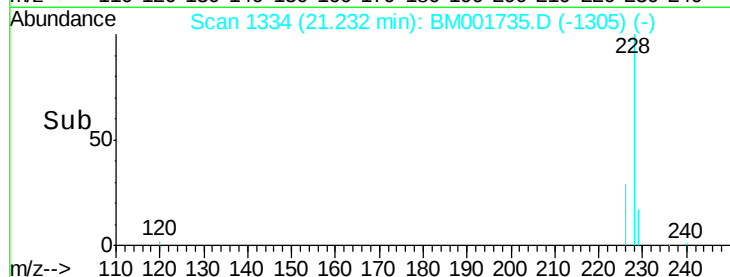
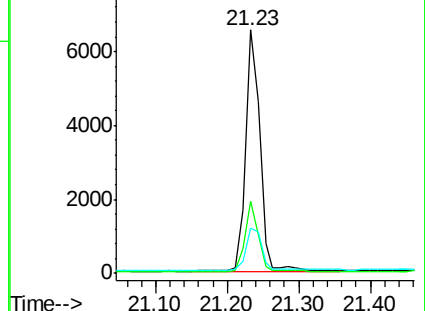
229 18.4 15.8 23.8



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



#22

Benzo(k)fluoranthene

Concen: 0.79 ng/ul

RT: 22.85 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM001735.D

Acq: 18 Jun 2015 11:50

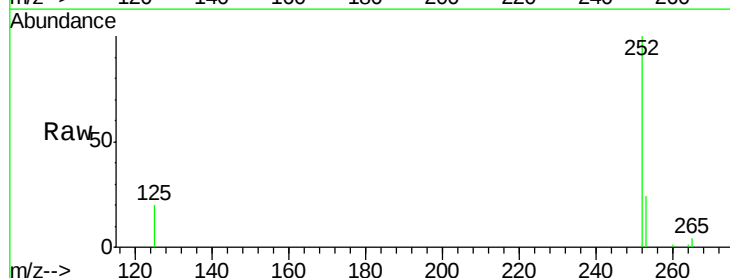
Tgt Ion:252 Resp: 8140

Ion Ratio Lower Upper

252 100

253 23.9 21.2 31.8

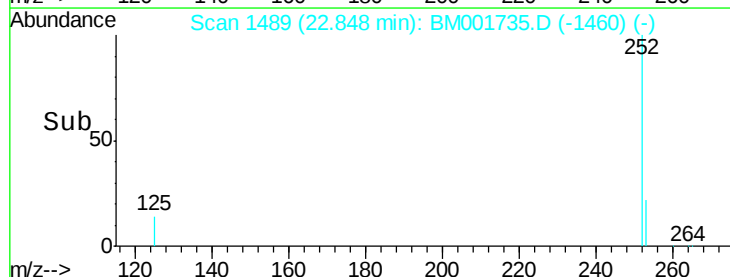
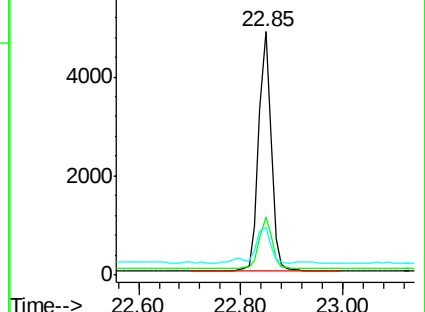
125 19.7 12.7 19.1#

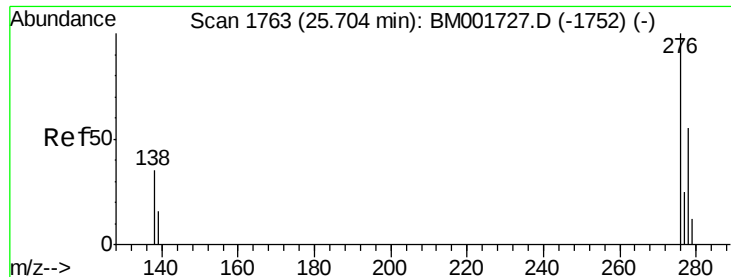


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.64 ng/ul

RT: 25.70 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BM001735.D

Acq: 18 Jun 2015 11:50

Instrument :

BNA_M

ClientSampleId :

X1W54

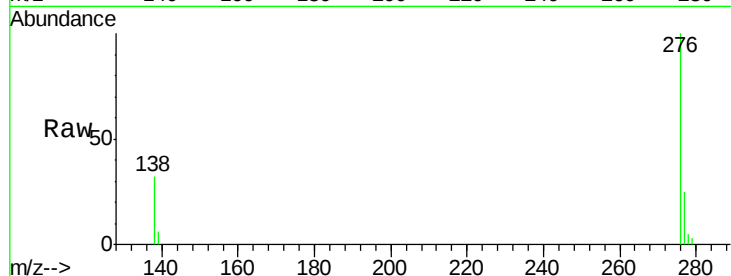
Tgt Ion:276 Resp: 7111

Ion Ratio Lower Upper

276 100

138 29.9 28.2 42.2

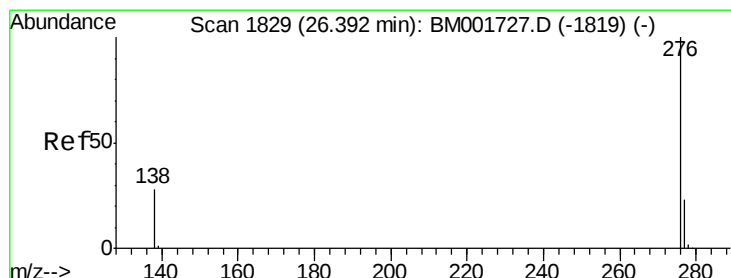
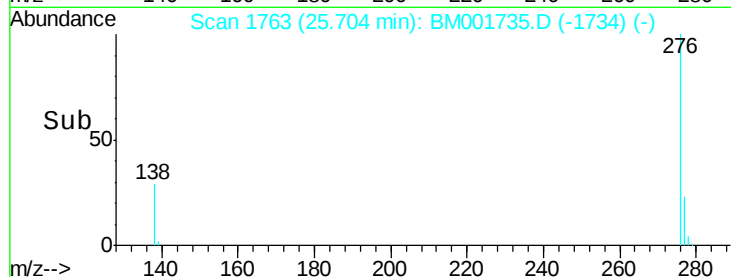
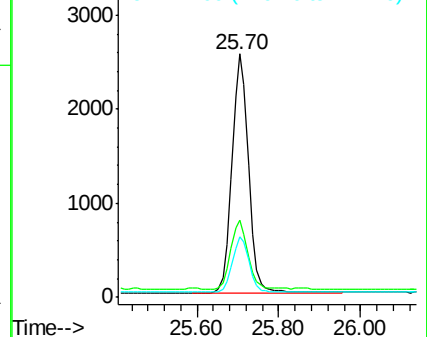
277 23.5 20.2 30.2



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



#26

Benzo(g,h,i)perylene

Concen: 1.27 ng/ul

RT: 26.39 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM001735.D

Acq: 18 Jun 2015 11:50

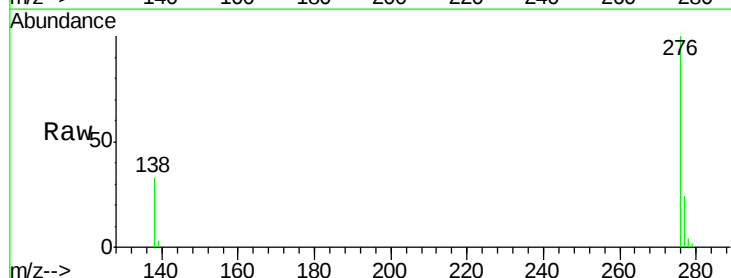
Tgt Ion:276 Resp: 12493

Ion Ratio Lower Upper

276 100

277 24.4 21.1 31.7

138 33.4 25.3 37.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

