

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061815\
 Data File : BM001726.D
 Acq On : 17 Jun 2015 20:03
 Operator : TP/IZ
 Sample : SSTD0.205
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.205

Quant Time: Jun 18 04:23:44 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 04:21:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1214	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	4291	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	1994	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	4047	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	3193	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	2855	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1037	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.10	212	1680	0.19	ng/ul	0.00

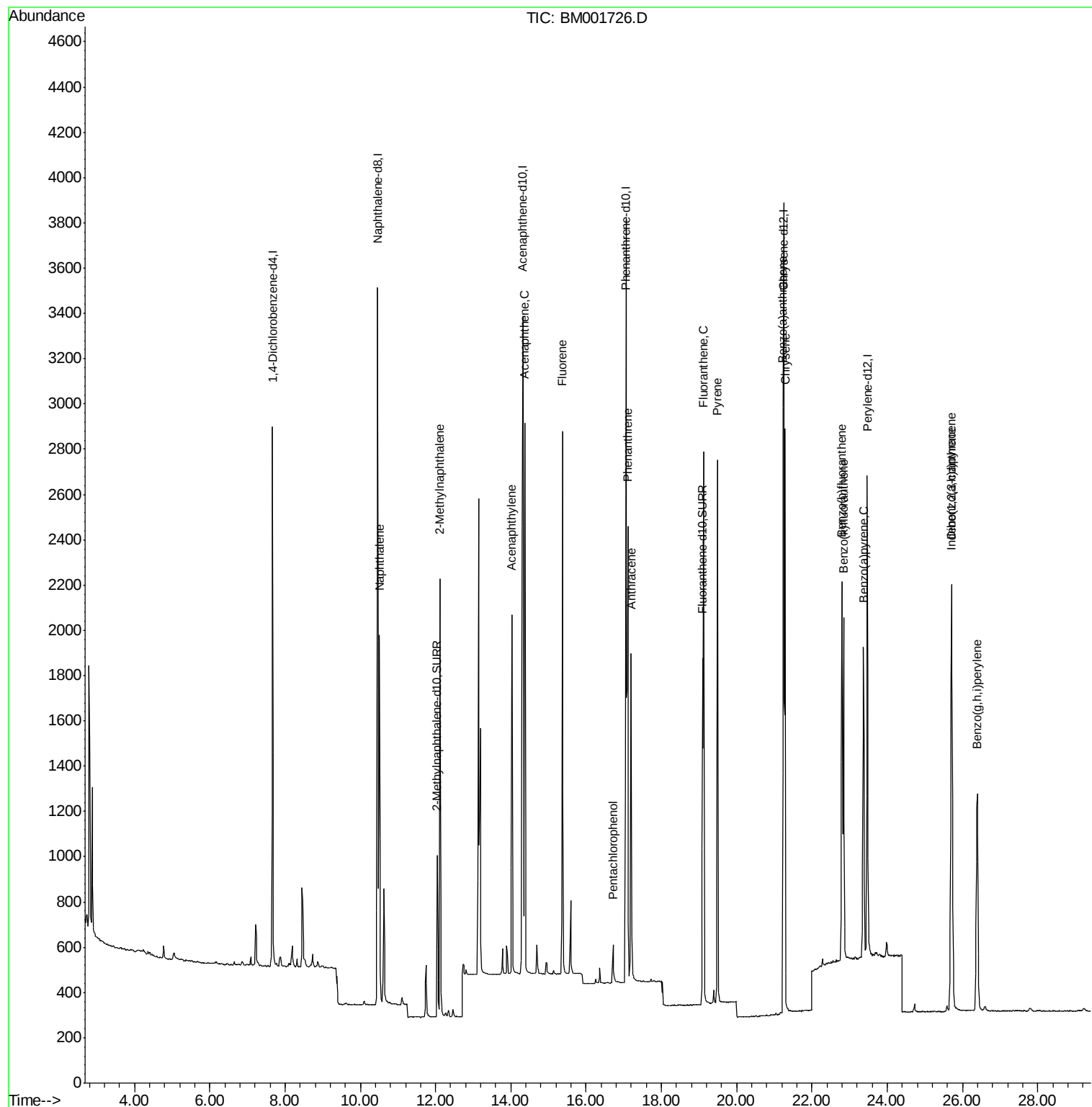
Target Compounds				Qvalue		
3) Naphthalene	10.50	128	2235	0.20	ng/ul	97
5) 2-Methylnaphthalene	12.12	142	1412	0.20	ng/ul	99
7) Acenaphthylene	14.03	152	1891	0.21	ng/ul	97
8) Acenaphthene	14.37	153	1437	0.20	ng/ul	99
9) Fluorene	15.37	166	1595	0.20	ng/ul	99
11) Pentachlorophenol	16.72	266	159	0.18	ng/ul	97
12) Phenanthrene	17.11	178	2453	0.21	ng/ul	99
13) Anthracene	17.20	178	2176	0.20	ng/ul#	92
15) Fluoranthene	19.12	202	2487	0.19	ng/ul	88
17) Pyrene	19.48	202	2559	0.20	ng/ul#	91
18) Benzo(a)anthracene	21.23	228	2072	0.21	ng/ul	98
19) Chrysene	21.29	228	2164	0.20	ng/ul	98
21) Benzo(b)fluoranthene	22.80	252	2113	0.20	ng/ul	93
22) Benzo(k)fluoranthene	22.84	252	2081	0.20	ng/ul#	94
23) Benzo(a)pyrene	23.37	252	1907	0.19	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.71	276	2222	0.20	ng/ul	99
25) Dibenzo(a,h)anthracene	25.72	278	1798	0.21	ng/ul	93
26) Benzo(g,h,i)perylene	26.39	276	1978	0.20	ng/ul	94

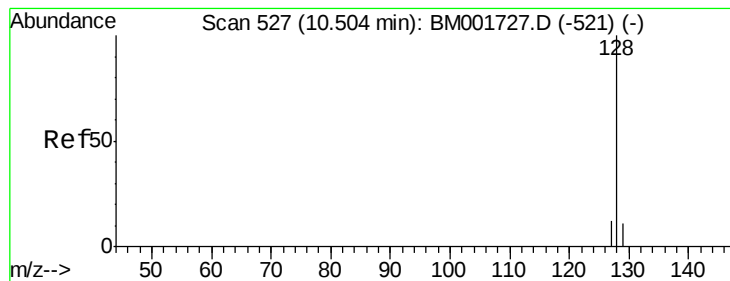
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.205

Quant Time: Jun 18 04:23:44 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 04:21:50 2015
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#3

Naphthalene

Concen: 0.20 ng/ul

RT: 10.50 min Scan# 527

Delta R.T. 0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.205

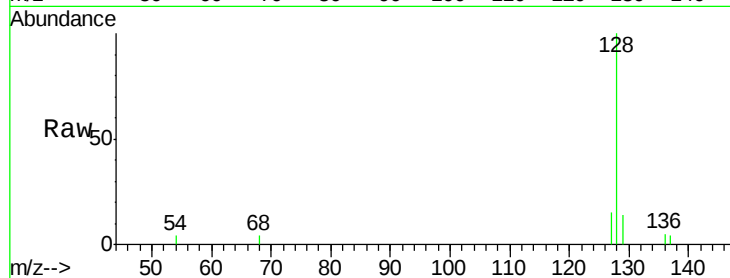
Tgt Ion:128 Resp: 2235

Ion Ratio Lower Upper

128 100

129 14.1 10.3 15.5

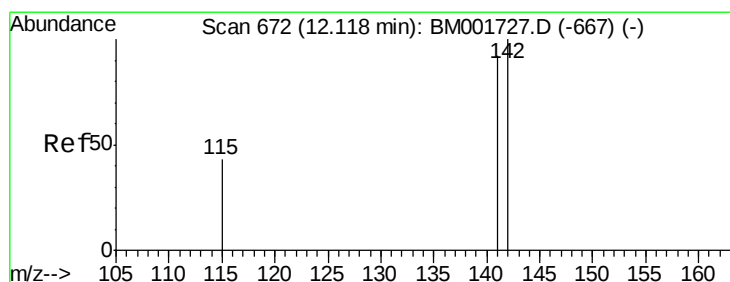
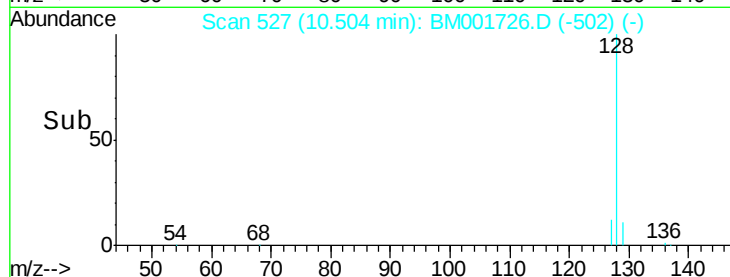
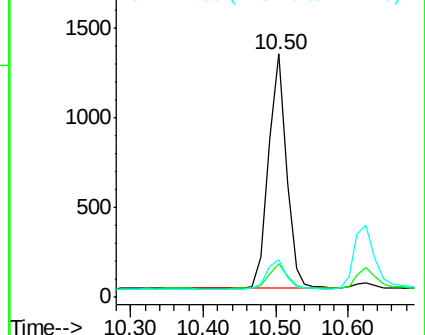
127 15.2 11.3 16.9



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: 0.20 ng/ul

RT: 12.12 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM001726.D

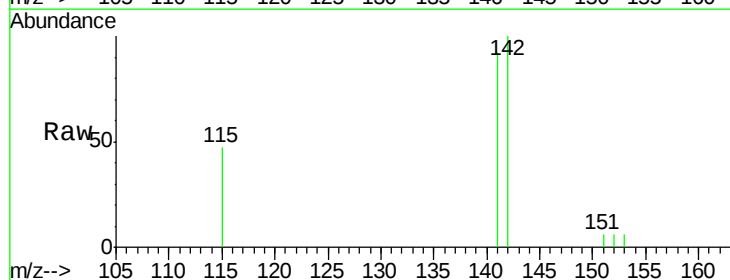
Acq: 17 Jun 2015 20:03

Tgt Ion:142 Resp: 1412

Ion Ratio Lower Upper

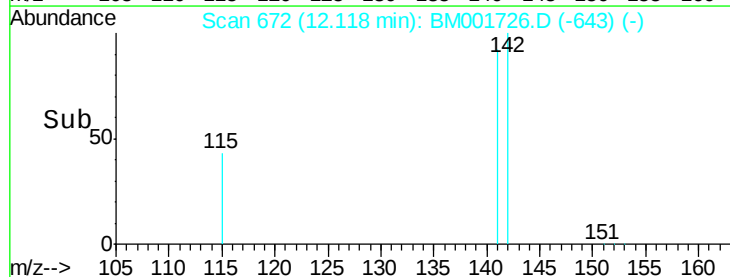
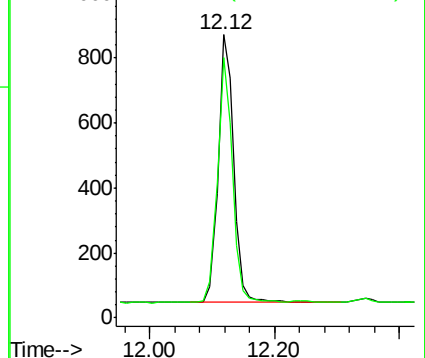
142 100

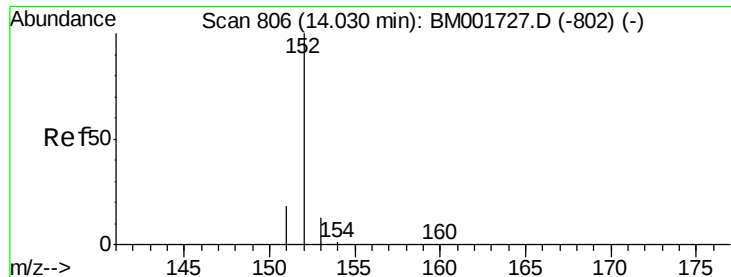
141 88.0 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.21 ng/ul

RT: 14.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.205

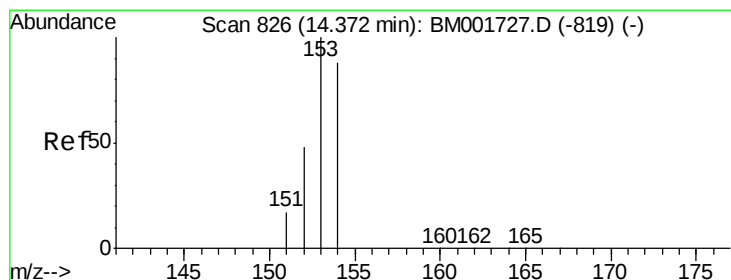
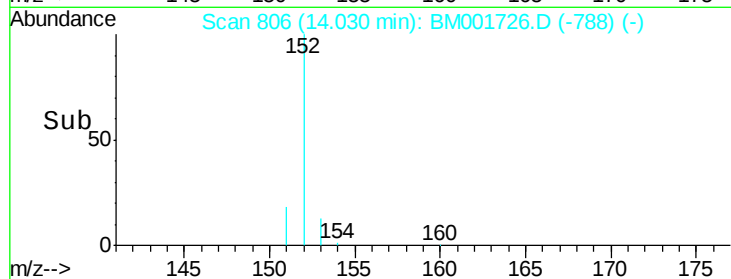
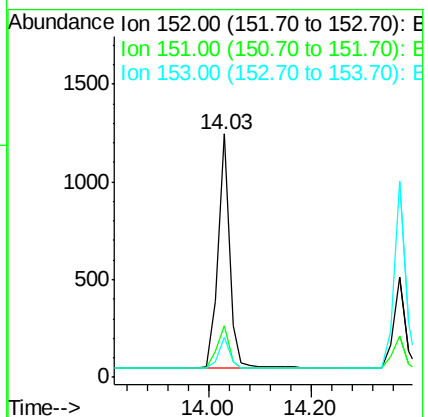
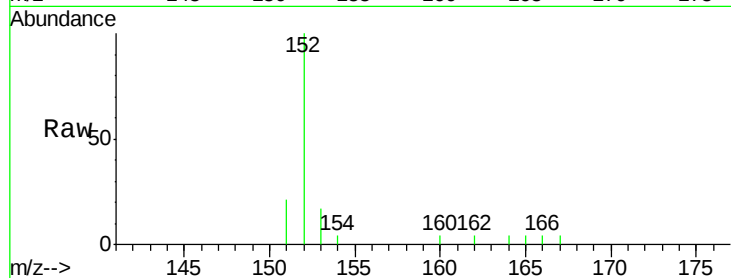
Tgt Ion:152 Resp: 1891

Ion Ratio Lower Upper

152 100

151 21.4 16.2 24.4

153 16.5 12.2 18.2



#8

Acenaphthene

Concen: 0.20 ng/ul

RT: 14.37 min Scan# 826

Delta R.T. 0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

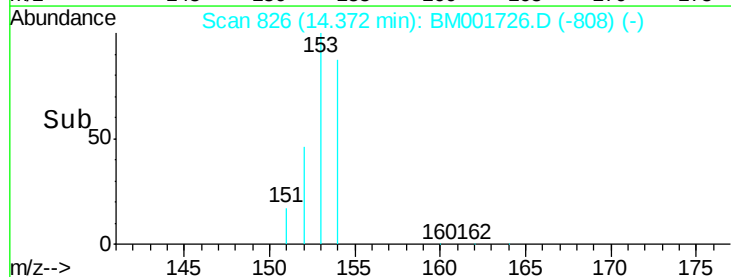
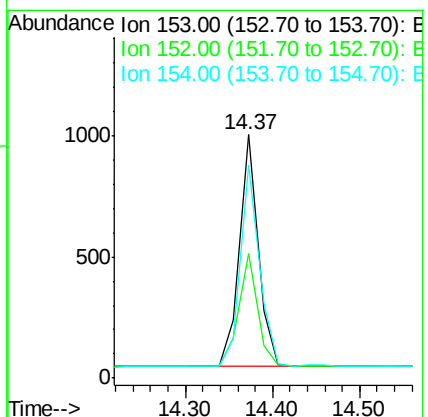
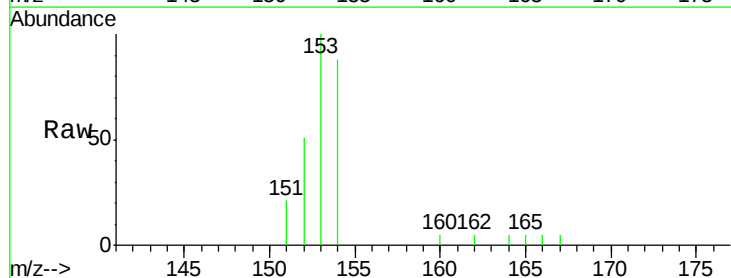
Tgt Ion:153 Resp: 1437

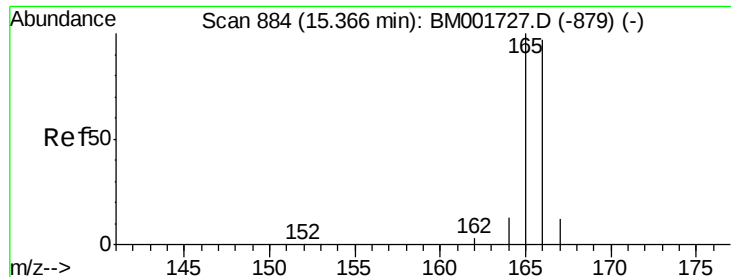
Ion Ratio Lower Upper

153 100

152 51.2 39.6 59.4

154 87.6 70.7 106.1





#9

Fluorene

Concen: 0.20 ng/ul

RT: 15.37 min Scan# 884

Delta R.T. 0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.205

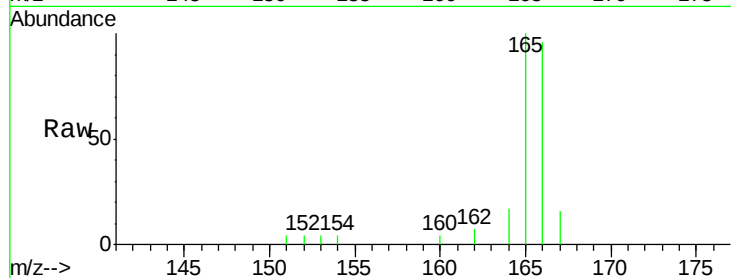
Tgt Ion:166 Resp: 1595

Ion Ratio Lower Upper

166 100

165 103.7 82.2 123.4

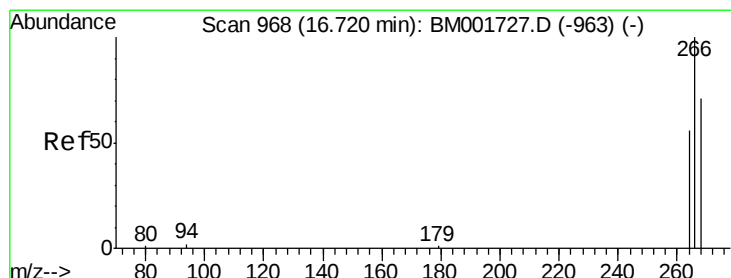
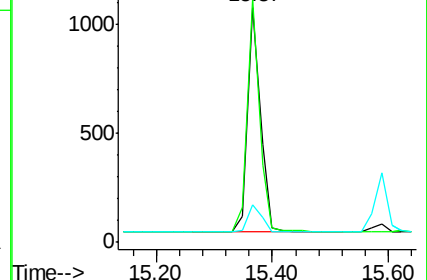
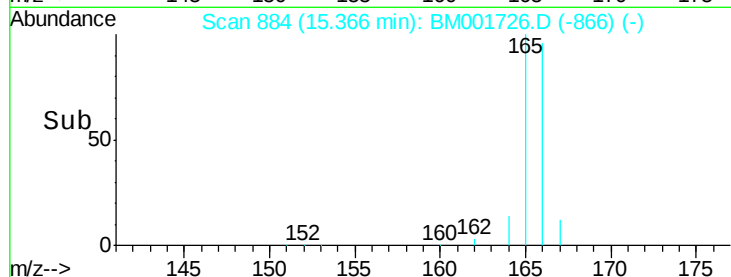
167 16.3 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.18 ng/ul

RT: 16.72 min Scan# 968

Delta R.T. -0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

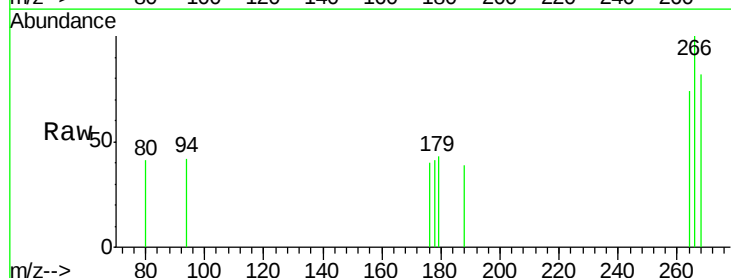
Tgt Ion:266 Resp: 159

Ion Ratio Lower Upper

266 100

264 61.6 50.7 76.1

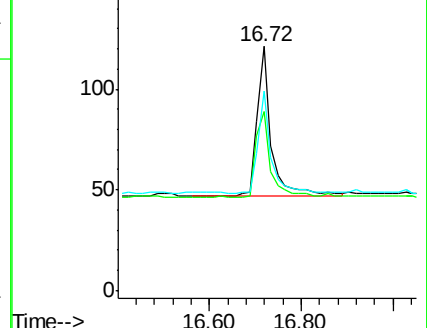
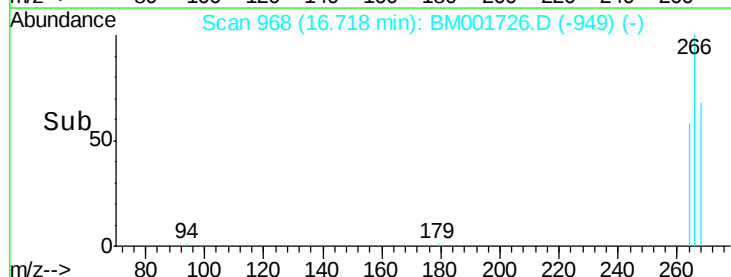
268 66.0 50.5 75.7

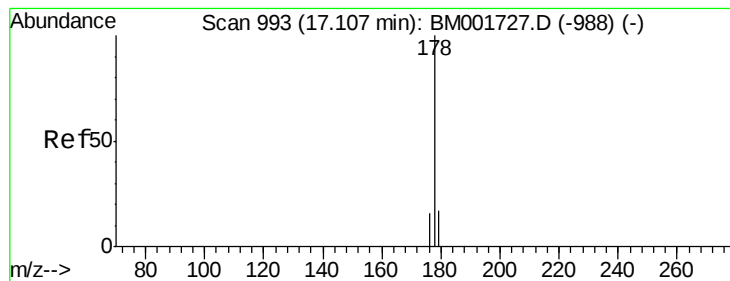


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.21 ng/ul

RT: 17.11 min Scan# 993

Delta R.T. -0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.205

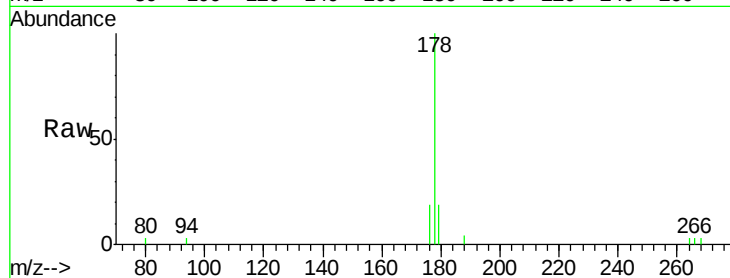
Tgt Ion:178 Resp: 2453

Ion Ratio Lower Upper

178 100

176 19.3 14.6 21.8

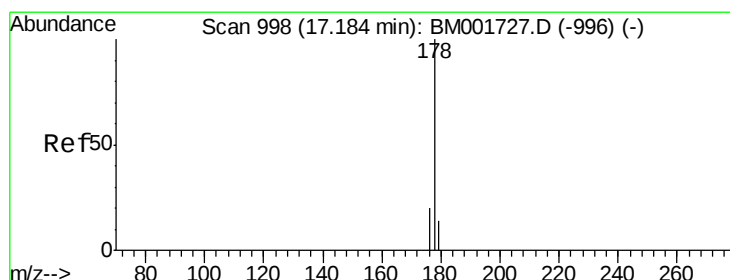
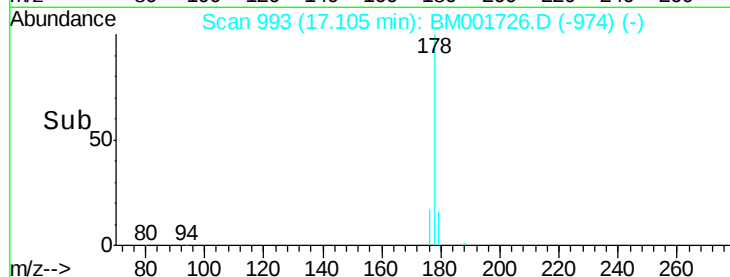
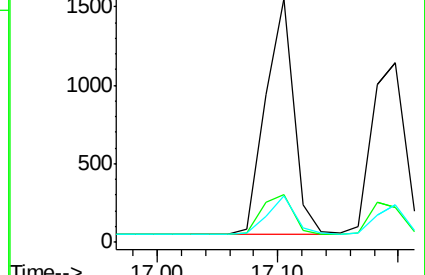
179 19.0 15.0 22.6



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



#13

Anthracene

Concen: 0.20 ng/ul

RT: 17.20 min Scan# 999

Delta R.T. 0.01 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

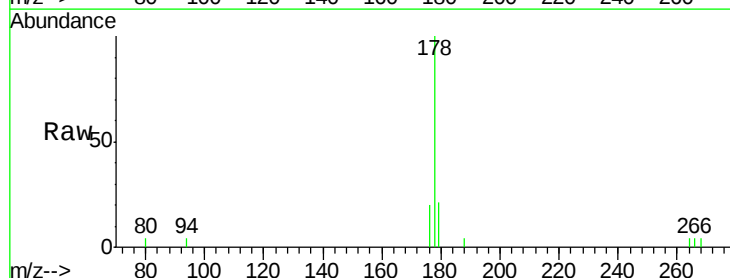
Tgt Ion:178 Resp: 2176

Ion Ratio Lower Upper

178 100

176 19.6 17.8 26.8

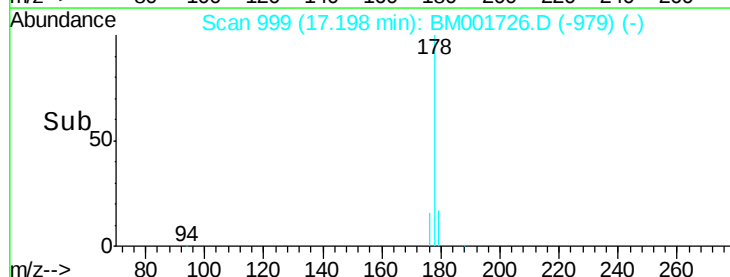
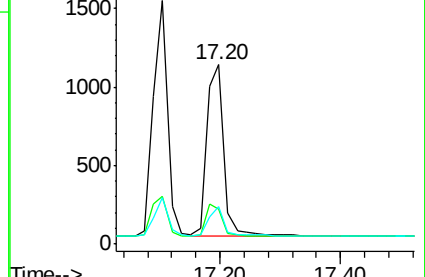
179 20.6 12.6 18.8#

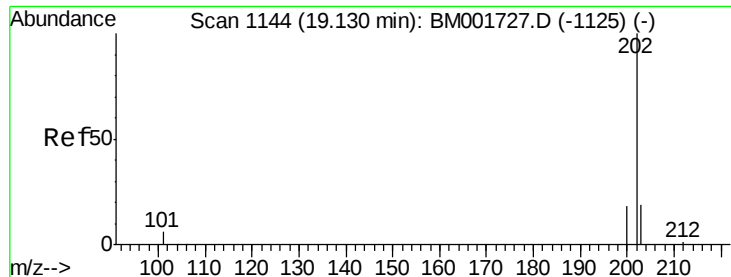


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.19 ng/ul

RT: 19.12 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.205

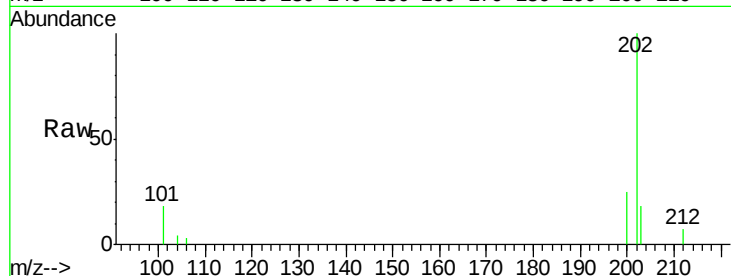
Tgt Ion:202 Resp: 2487

Ion Ratio Lower Upper

202 100

101 17.8 0.0 27.5

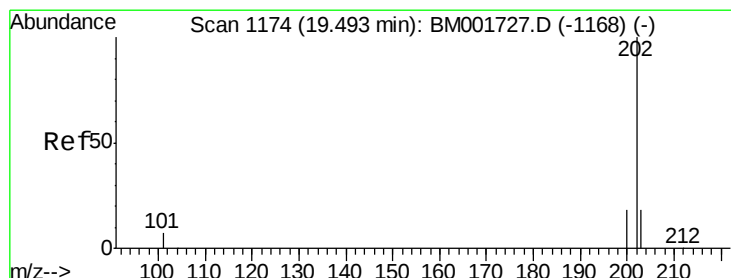
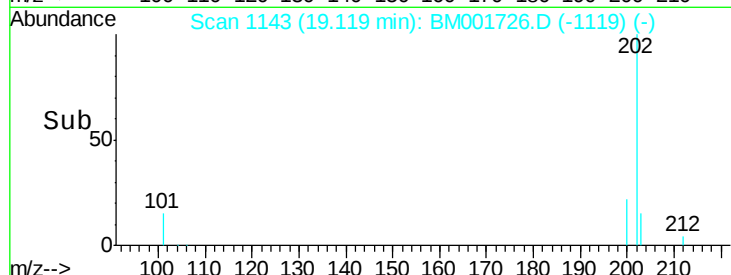
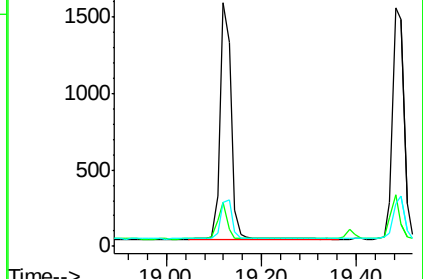
203 18.1 0.7 40.7



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



#17

Pyrene

Concen: 0.20 ng/ul

RT: 19.48 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

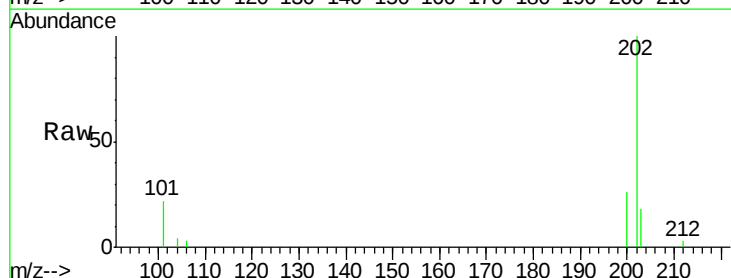
Tgt Ion:202 Resp: 2559

Ion Ratio Lower Upper

202 100

200 25.8 15.7 23.5#

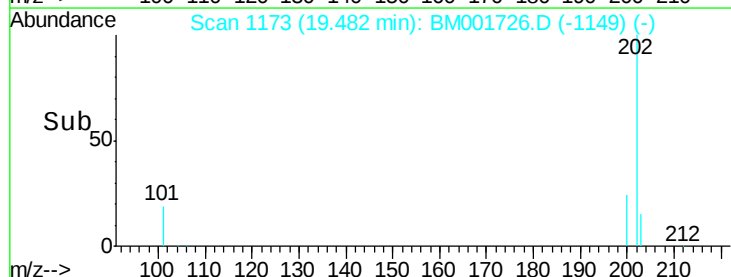
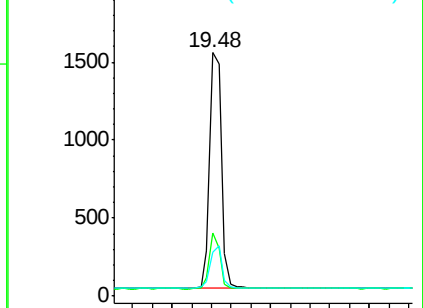
203 18.1 15.8 23.8

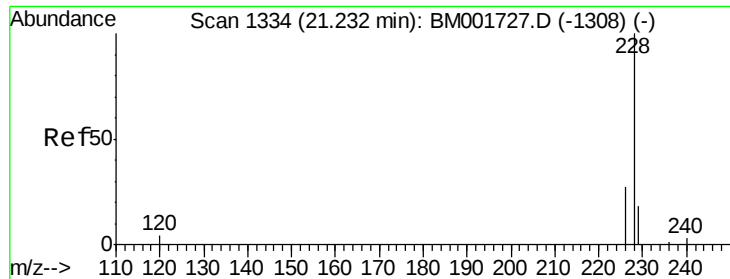


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.21 ng/ul

RT: 21.23 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.205

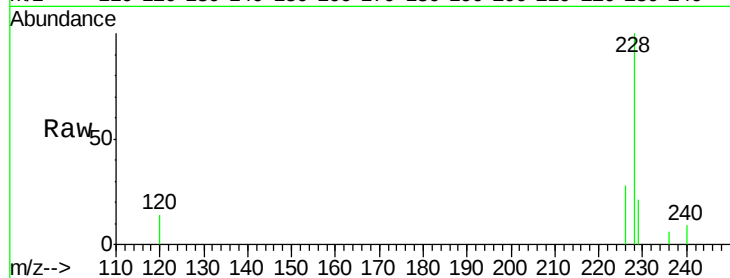
Tgt Ion:228 Resp: 2072

Ion Ratio Lower Upper

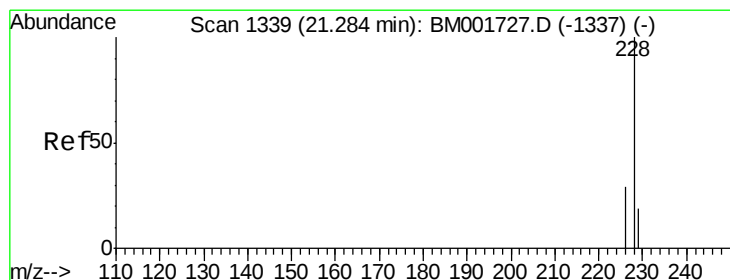
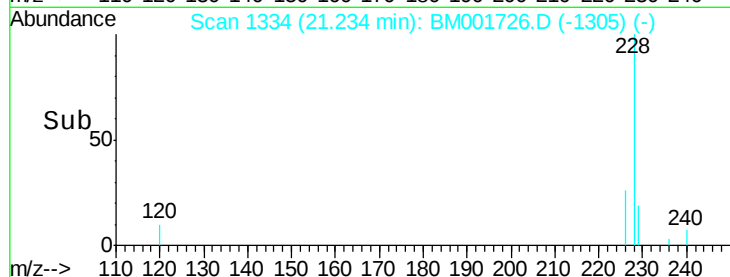
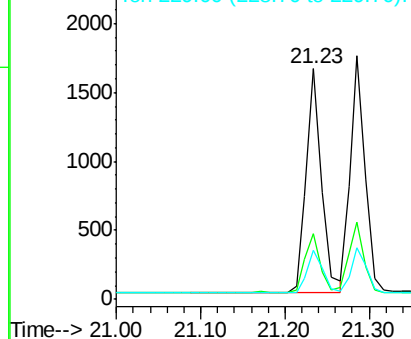
228 100

226 28.3 22.3 33.5

229 21.2 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



#19

Chrysene

Concen: 0.20 ng/ul

RT: 21.29 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

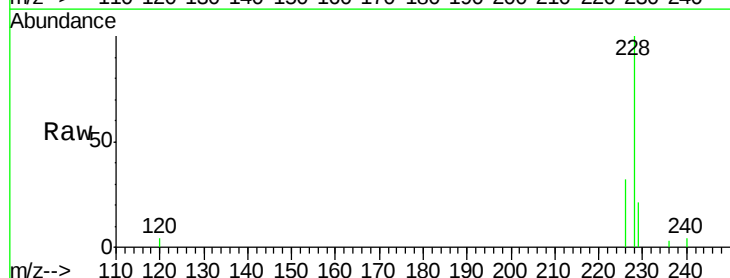
Tgt Ion:228 Resp: 2164

Ion Ratio Lower Upper

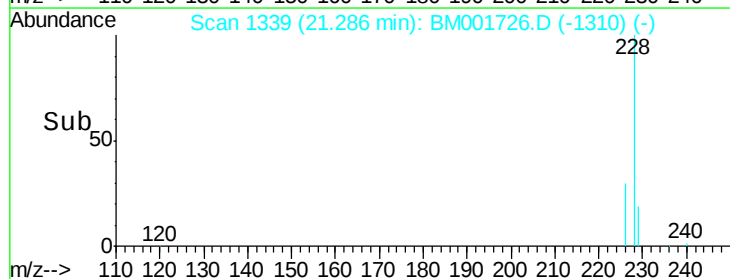
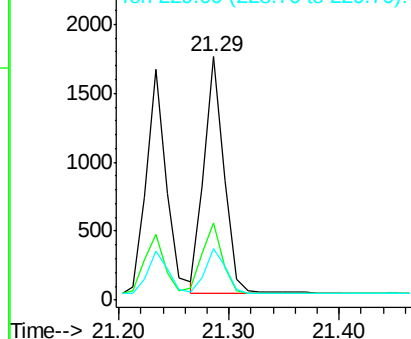
228 100

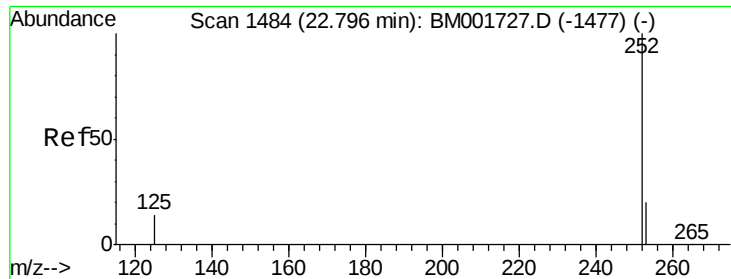
226 31.6 24.8 37.2

229 21.1 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: 0.20 ng/ul

RT: 22.80 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.205

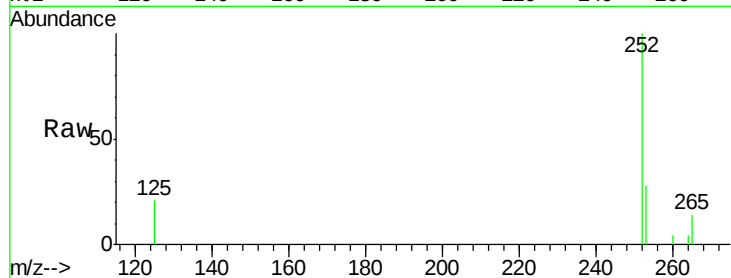
Tgt Ion:252 Resp: 2113

Ion Ratio Lower Upper

252 100

253 28.1 0.0 48.4

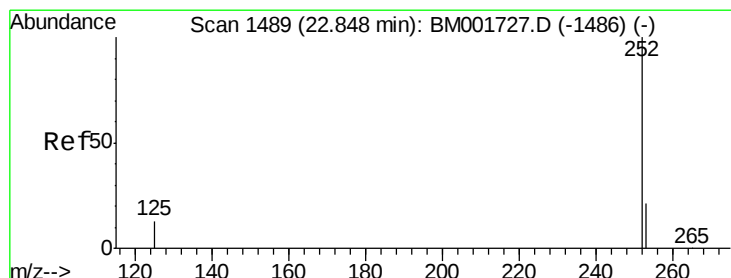
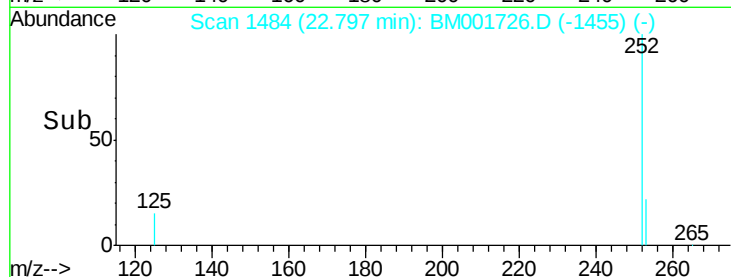
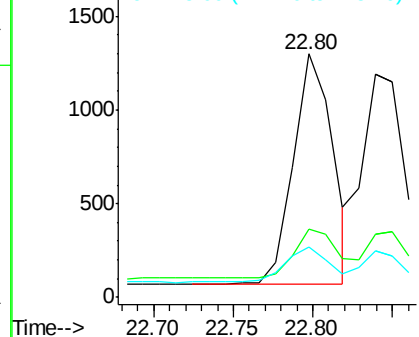
125 20.6 0.0 35.2



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: 0.20 ng/ul

RT: 22.84 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

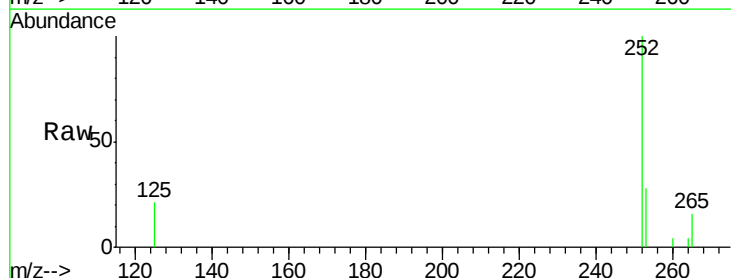
Tgt Ion:252 Resp: 2081

Ion Ratio Lower Upper

252 100

253 28.3 21.2 31.8

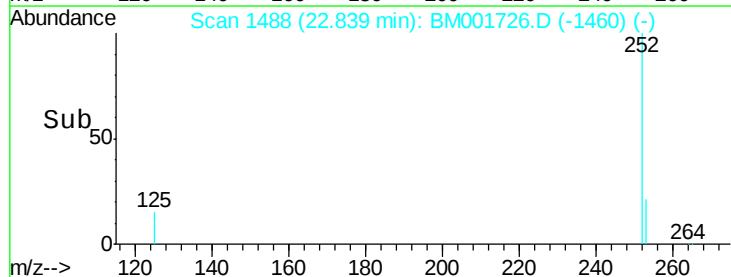
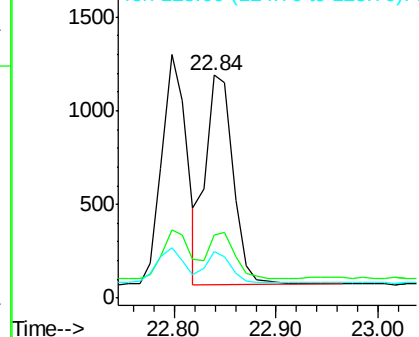
125 20.6 12.7 19.1#

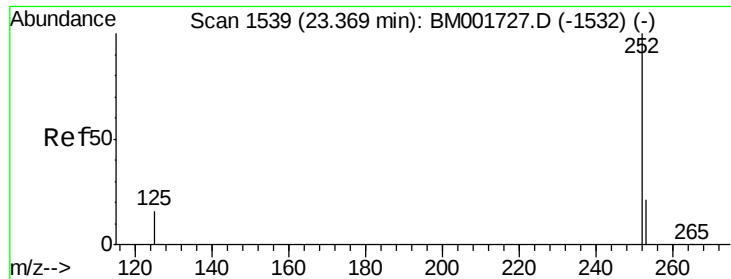


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.19 ng/ul

RT: 23.37 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

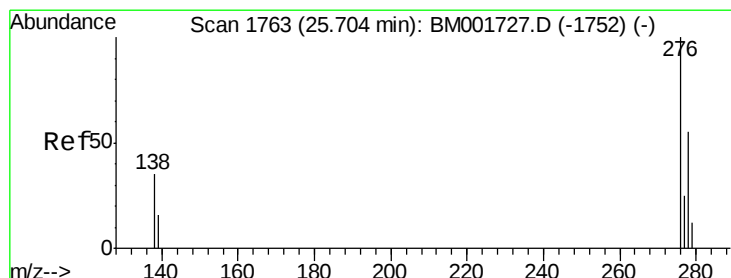
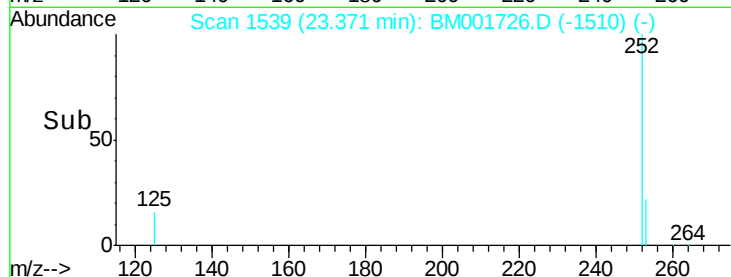
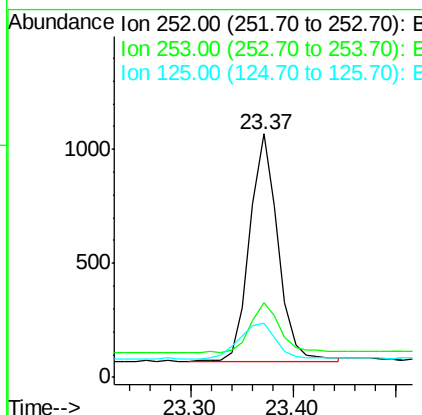
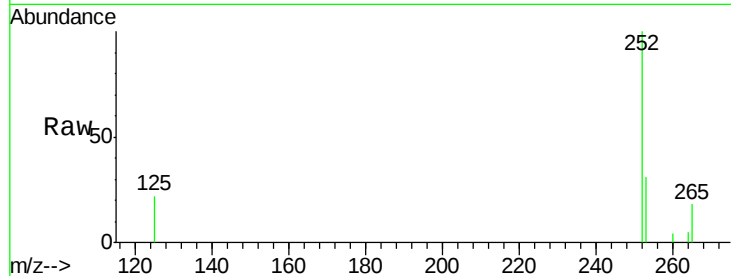
Instrument :

BNA_M

ClientSampleId :

SSTD0.205

Tgt Ion:	252	Resp:	1907
Ion	Ratio	Lower	Upper
252	100		
253	30.5	21.1	31.7
125	22.4	15.6	23.4



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.20 ng/ul

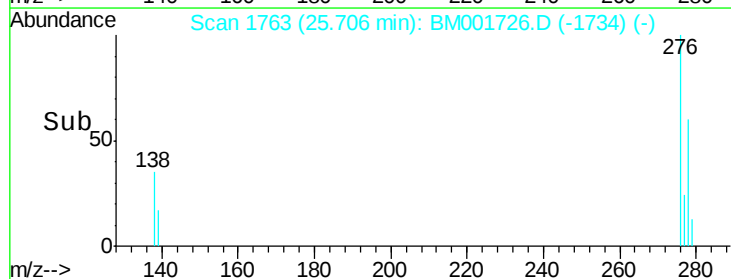
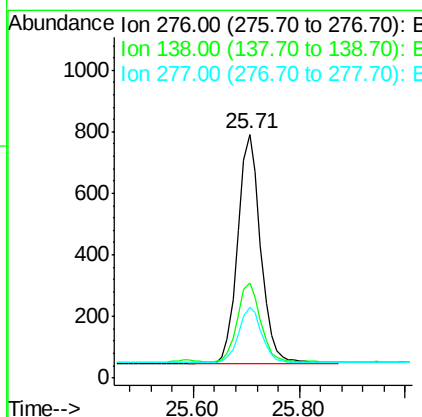
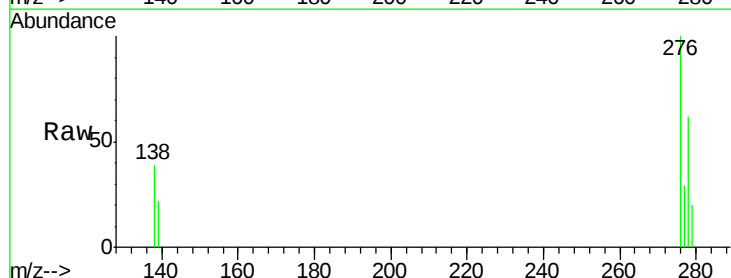
RT: 25.71 min Scan# 1763

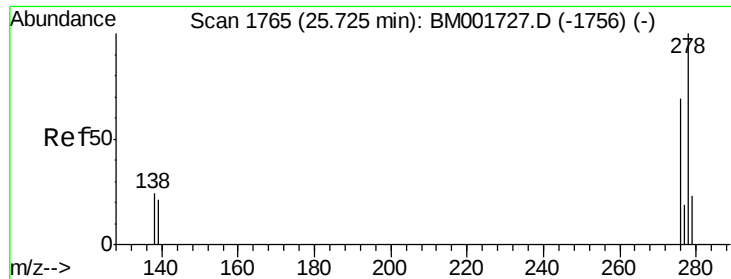
Delta R.T. 0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

Tgt Ion:	276	Resp:	2222
Ion	Ratio	Lower	Upper
276	100		
138	34.5	28.2	42.2
277	24.9	20.2	30.2





#25

Dibenzo(a,h)anthracene

Concen: 0.21 ng/ul

RT: 25.72 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

Instrument :

BNA_M

ClientSampleId :

SSTD0.205

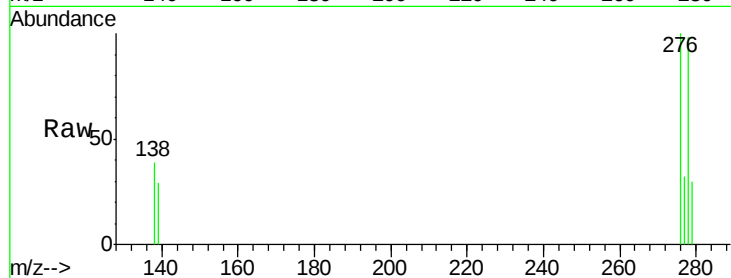
Tgt Ion: 278 Resp: 1798

Ion Ratio Lower Upper

278 100

139 29.8 20.1 30.1

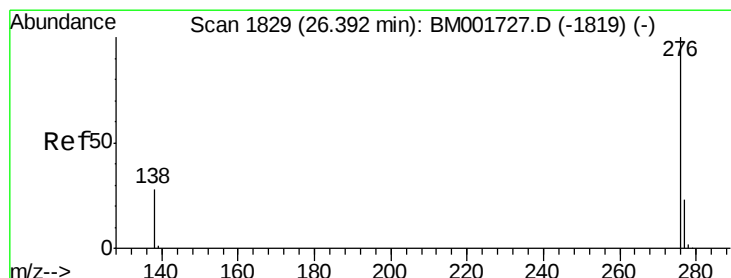
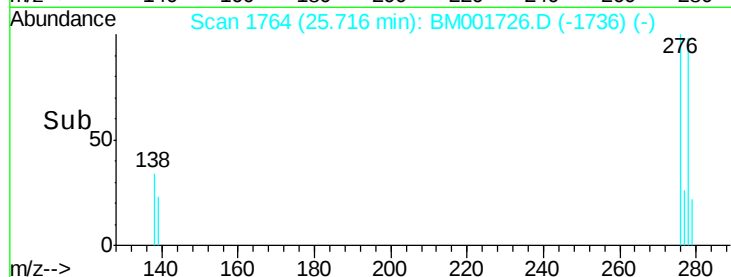
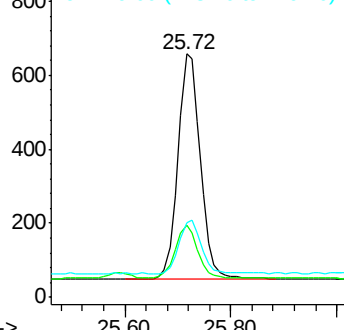
279 30.7 22.6 33.8



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



#26

Benzo(g,h,i)perylene

Concen: 0.20 ng/ul

RT: 26.39 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM001726.D

Acq: 17 Jun 2015 20:03

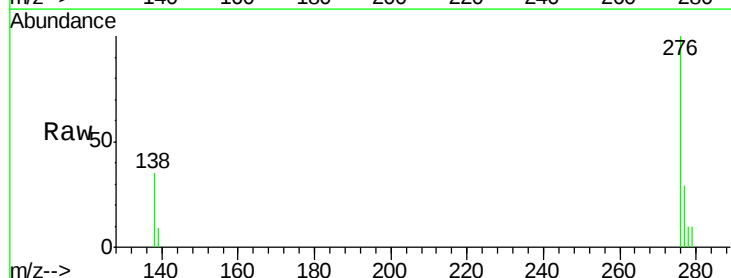
Tgt Ion: 276 Resp: 1978

Ion Ratio Lower Upper

276 100

277 29.0 21.1 31.7

138 35.0 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

