

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021315\
 Data File : BM000518.D
 Acq On : 13 Feb 2015 10:56
 Operator : TP/IZ
 Sample : G1227-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1H34

Quant Time: Feb 13 12:05:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 12 16:45:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3992	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	13221	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	7837	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	15828	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	13948	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	11739	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	5570	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	11619	0.35	ng/ul	0.00

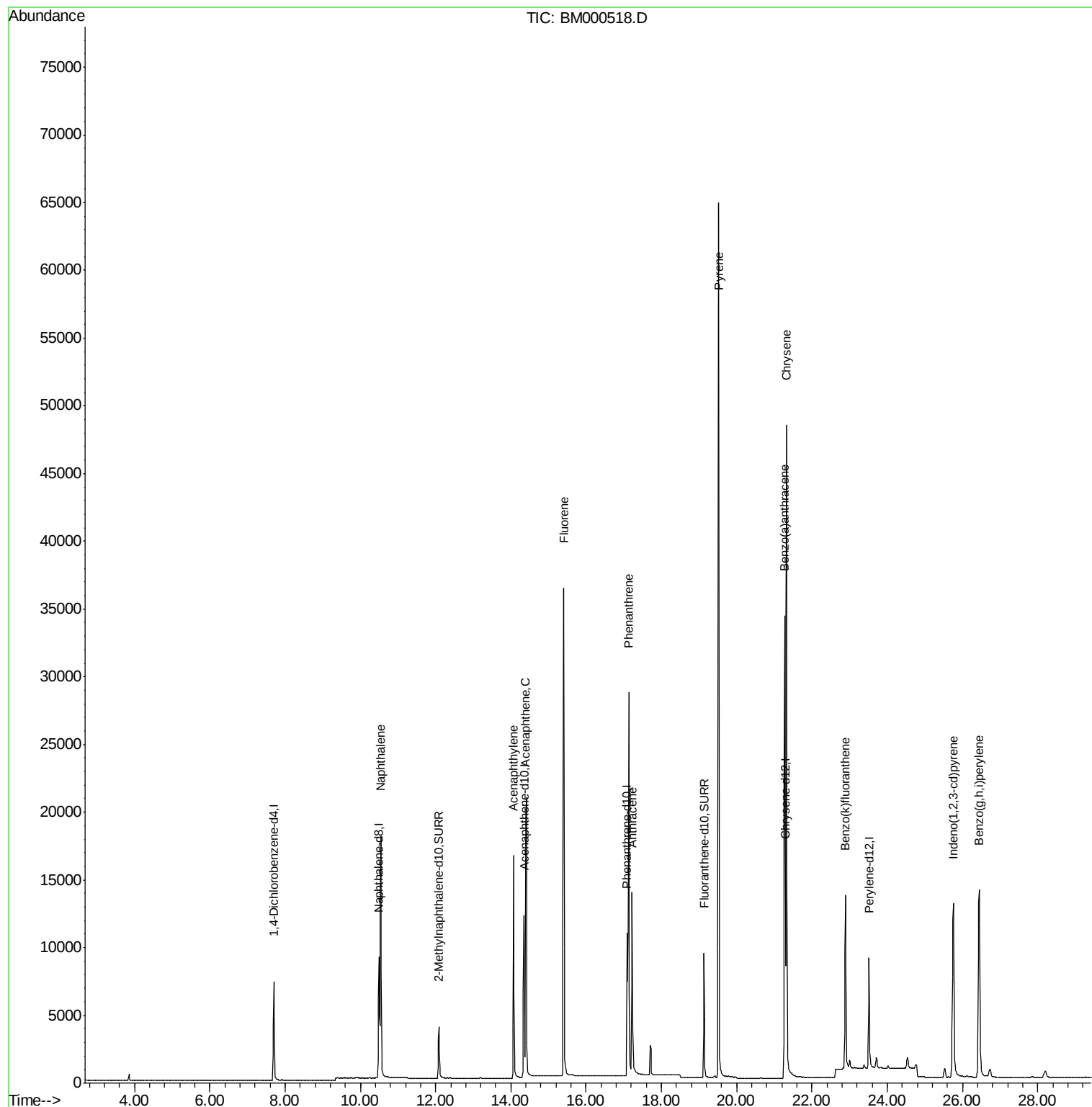
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	26496	0.85	ng/ul	99
7) Acenaphthylene	14.08	152	21594	0.73	ng/ul	99
8) Acenaphthene	14.40	153	16673	0.74	ng/ul#	79
9) Fluorene	15.40	166	24466	0.89	ng/ul	97
12) Phenanthrene	17.13	178	31364	0.73	ng/ul	99
13) Anthracene	17.23	178	18296	0.47	ng/ul	98
17) Pyrene	19.53	202	75193	1.50	ng/ul	98
18) Benzo(a)anthracene	21.27	228	29252	0.74	ng/ul	99
19) Chrysene	21.32	228	44100	0.97	ng/ul	98
22) Benzo(k)fluoranthene	22.89	252	18580	0.47	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.75	276	27114	0.66	ng/ul#	94
26) Benzo(g,h,i)perylene	26.44	276	30568	0.84	ng/ul	98

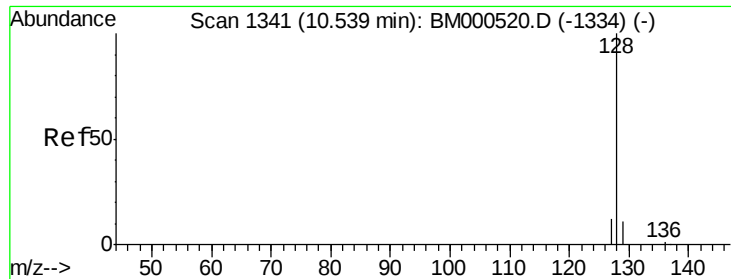
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 13 12:05:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 12 16:45:55 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.85 ng/u1

RT: 10.54 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BM000518.D

Acq: 13 Feb 2015 10:56

Instrument :

BNA_M

ClientSampleId :

X1H34

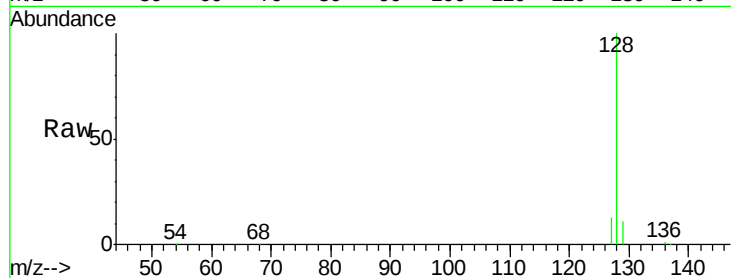
Tgt Ion:128 Resp: 26496

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

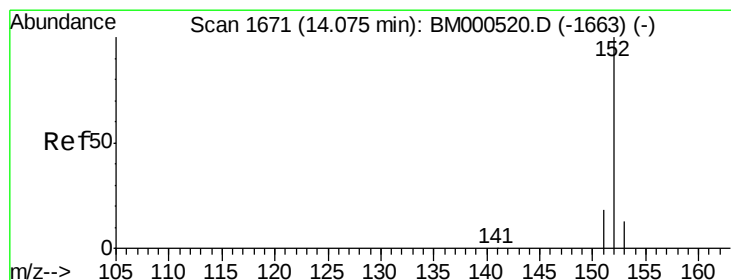
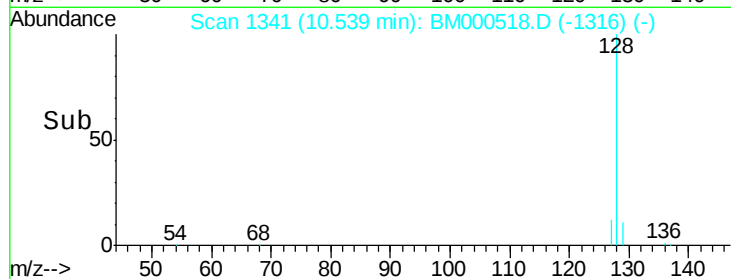
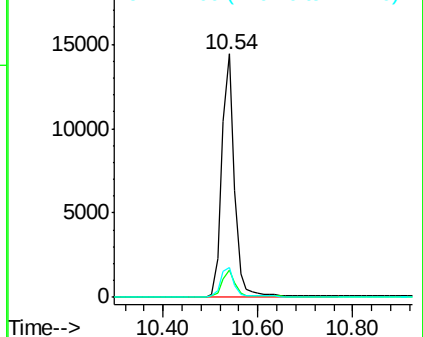
127 12.5 10.4 15.6



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: 0.73 ng/u1

RT: 14.08 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BM000518.D

Acq: 13 Feb 2015 10:56

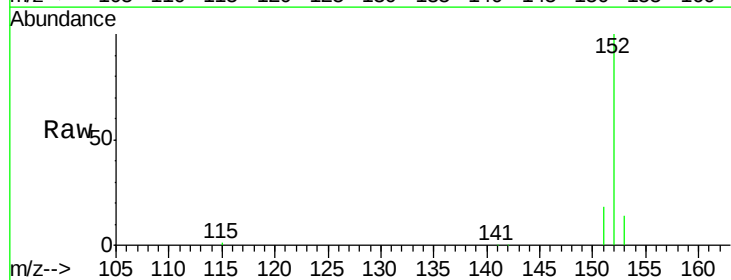
Tgt Ion:152 Resp: 21594

Ion Ratio Lower Upper

152 100

151 18.0 15.0 22.6

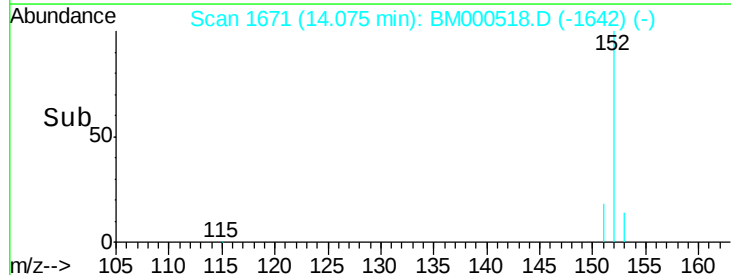
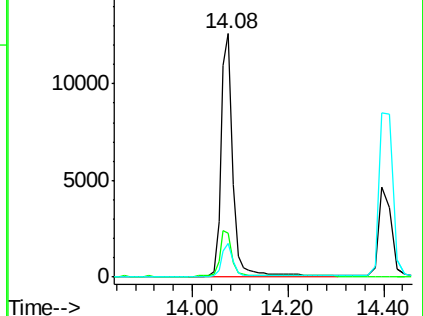
153 13.9 11.1 16.7

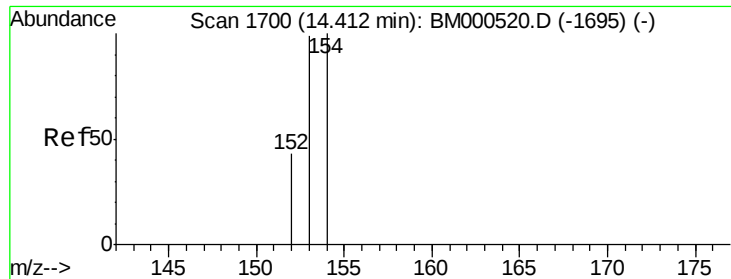


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.74 ng/ul

RT: 14.40 min Scan# 1699

Delta R.T. -0.02 min

Lab File: BM000518.D

Acq: 13 Feb 2015 10:56

Instrument :

BNA_M

ClientSampleId :

X1H34

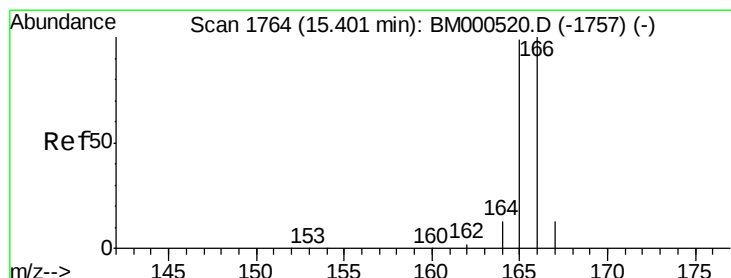
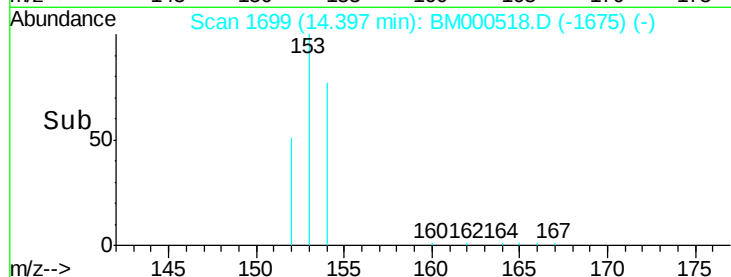
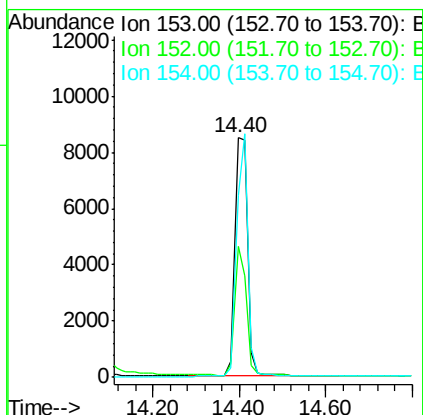
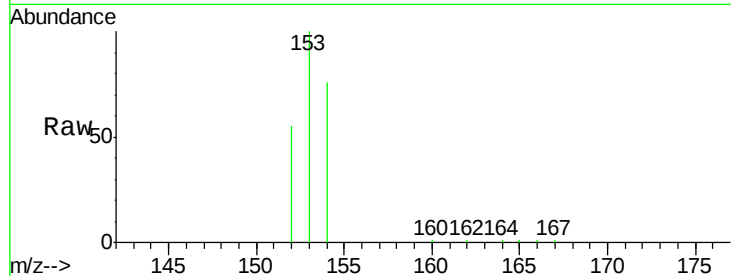
Tgt Ion:153 Resp: 16673

Ion Ratio Lower Upper

153 100

152 54.7 35.1 52.7#

154 76.0 78.5 117.7#



#9

Fluorene

Concen: 0.89 ng/ul

RT: 15.40 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BM000518.D

Acq: 13 Feb 2015 10:56

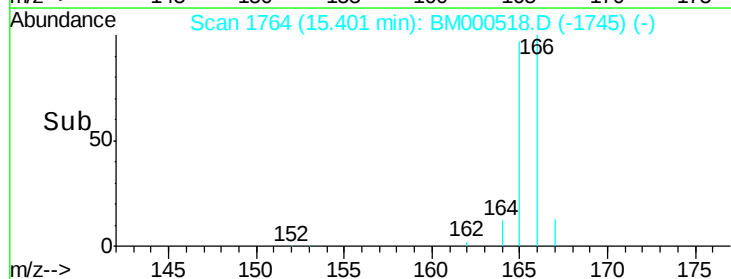
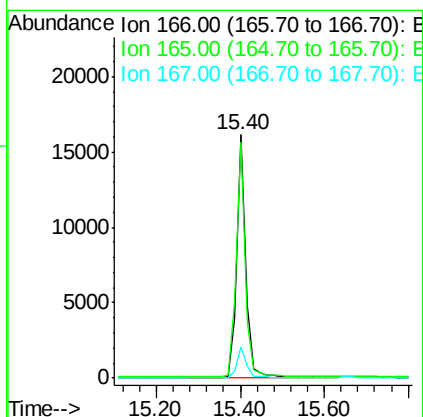
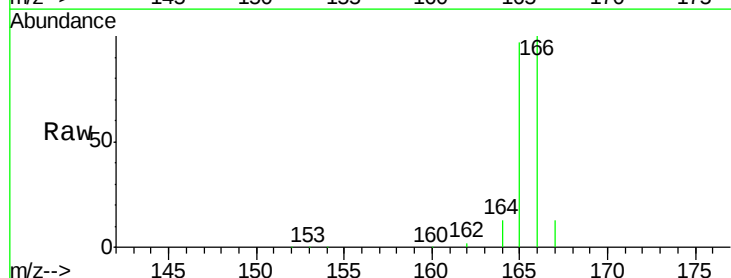
Tgt Ion:166 Resp: 24466

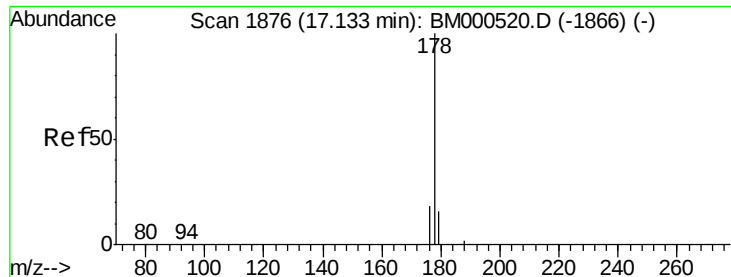
Ion Ratio Lower Upper

166 100

165 96.9 80.0 120.0

167 13.0 11.4 17.2





#12

Phenanthrene

Concen: 0.73 ng/ul

RT: 17.13 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BM000518.D

Acq: 13 Feb 2015 10:56

Instrument :

BNA_M

ClientSampleId :

X1H34

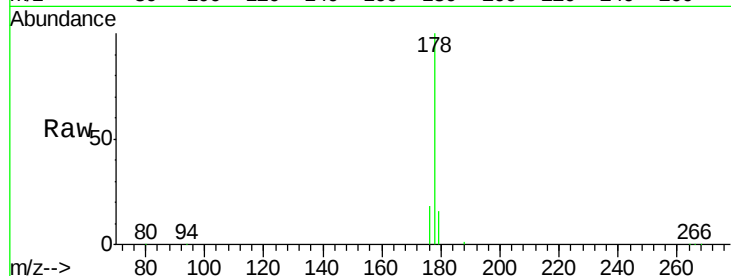
Tgt Ion:178 Resp: 31364

Ion Ratio Lower Upper

178 100

176 18.4 15.5 23.3

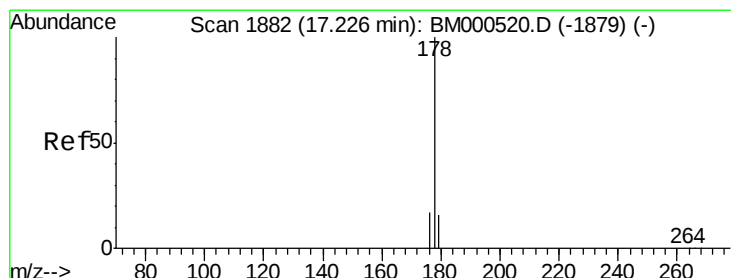
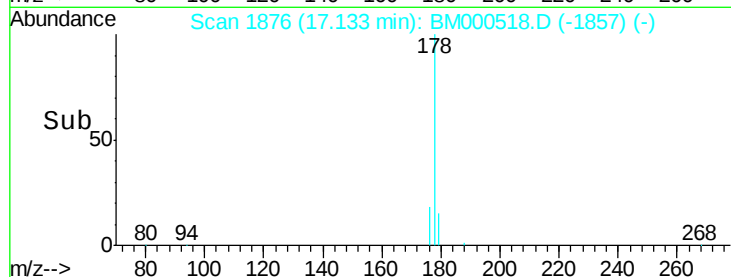
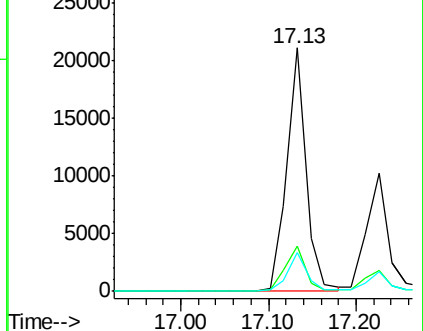
179 15.8 12.5 18.7



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: 0.47 ng/ul

RT: 17.23 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BM000518.D

Acq: 13 Feb 2015 10:56

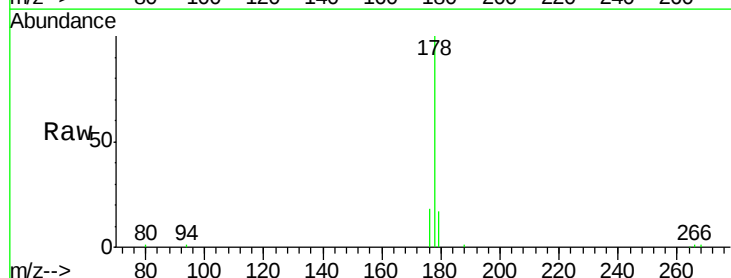
Tgt Ion:178 Resp: 18296

Ion Ratio Lower Upper

178 100

176 17.7 14.9 22.3

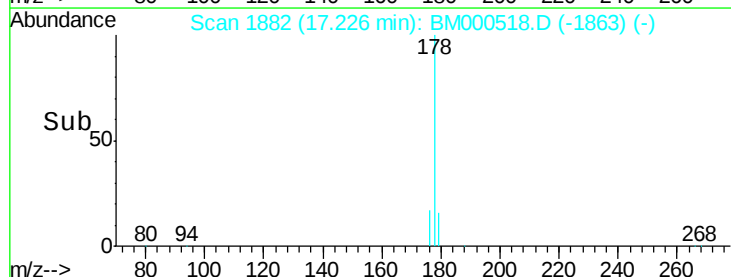
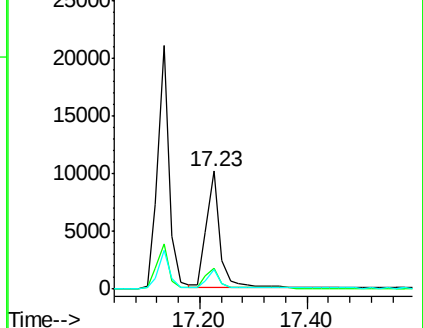
179 16.6 12.8 19.2

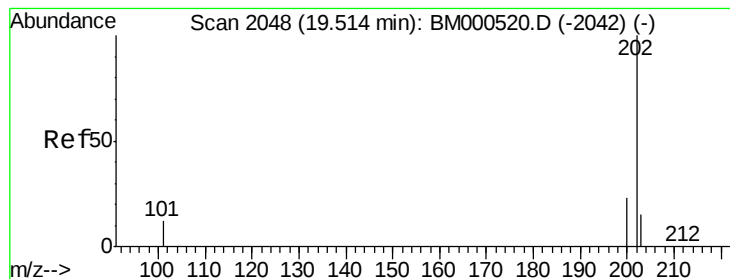


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Pyrene

Concen: 1.50 ng/ul

RT: 19.53 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM000518.D

Acq: 13 Feb 2015 10:56

Instrument :

BNA_M

ClientSampleId :

X1H34

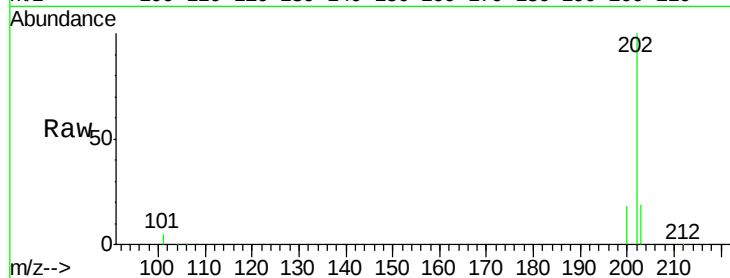
Tgt Ion:202 Resp: 75193

Ion Ratio Lower Upper

202 100

200 18.2 15.4 23.0

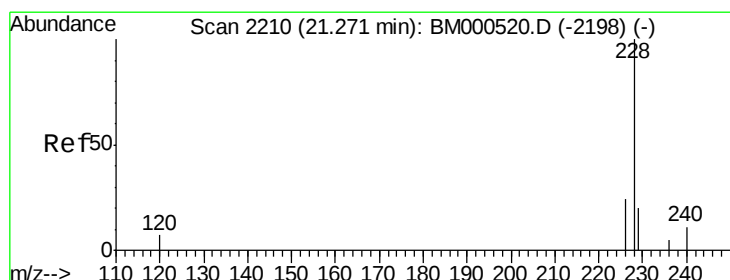
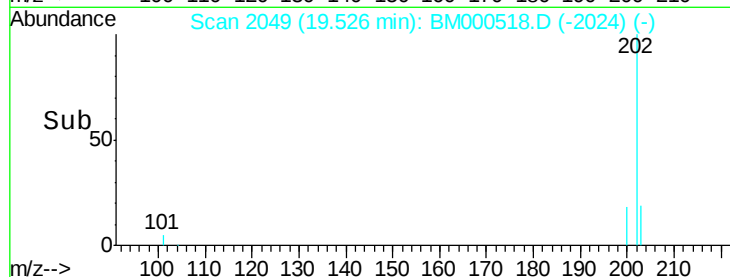
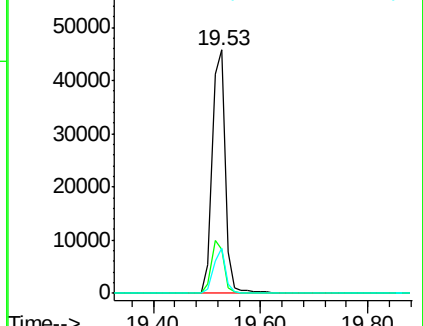
203 18.7 15.4 23.2



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



#18

Benzo(a)anthracene

Concen: 0.74 ng/ul

RT: 21.27 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BM000518.D

Acq: 13 Feb 2015 10:56

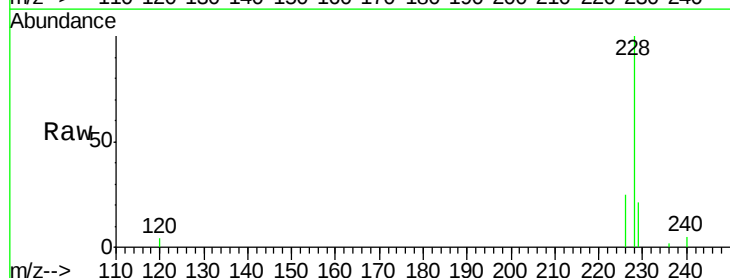
Tgt Ion:228 Resp: 29252

Ion Ratio Lower Upper

228 100

226 24.8 20.6 31.0

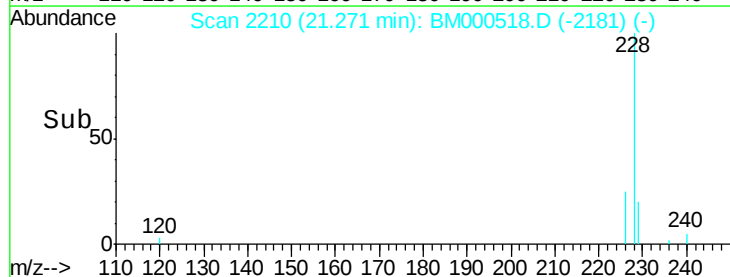
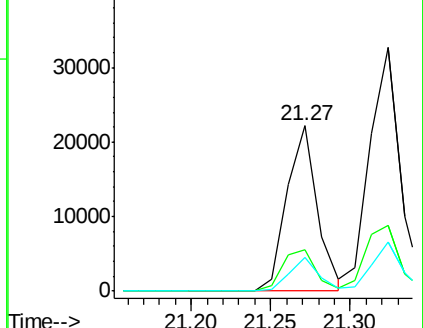
229 20.6 16.3 24.5

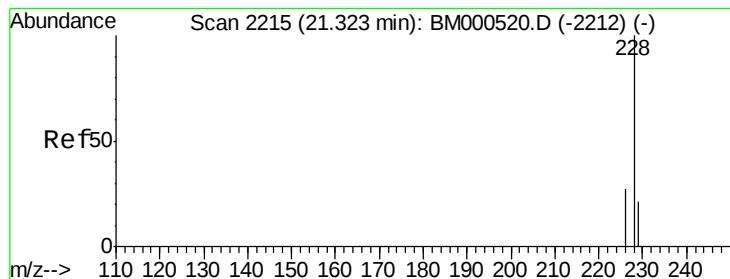


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.97 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BM000518.D

Acq: 13 Feb 2015 10:56

Instrument :

BNA_M

ClientSampleId :

X1H34

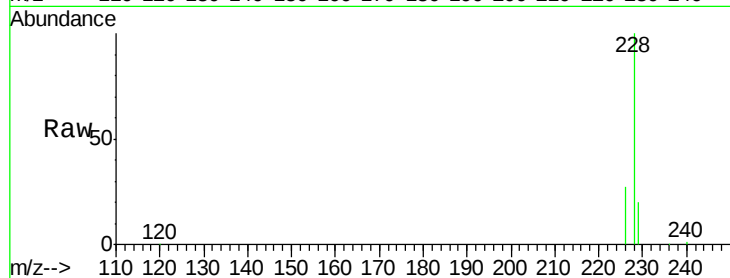
Tgt Ion:228 Resp: 44100

Ion Ratio Lower Upper

228 100

226 26.8 22.7 34.1

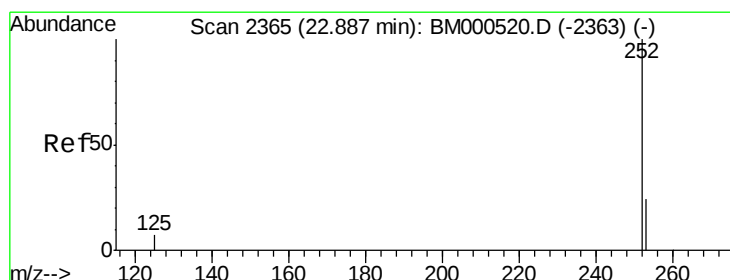
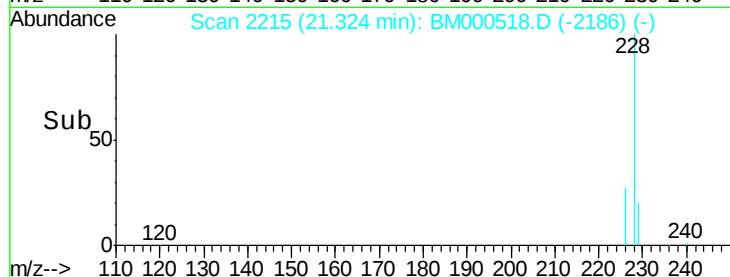
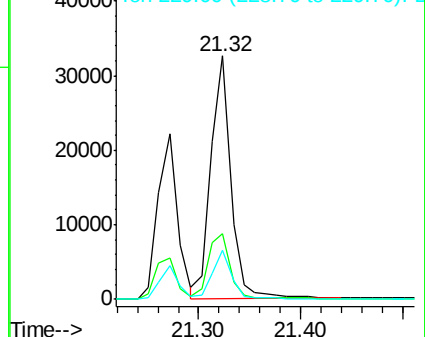
229 20.3 16.0 24.0



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



#22

Benzo(k)fluoranthene

Concen: 0.47 ng/ul

RT: 22.89 min Scan# 2365

Delta R.T. 0.00 min

Lab File: BM000518.D

Acq: 13 Feb 2015 10:56

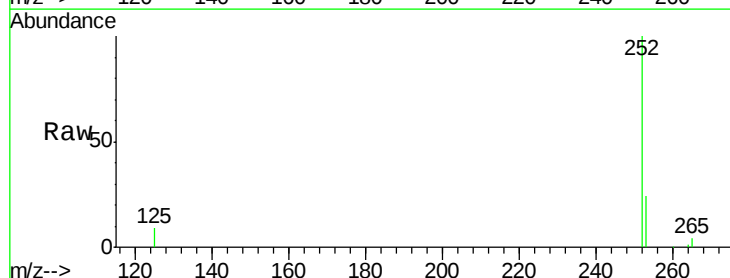
Tgt Ion:252 Resp: 18580

Ion Ratio Lower Upper

252 100

253 24.3 20.2 30.4

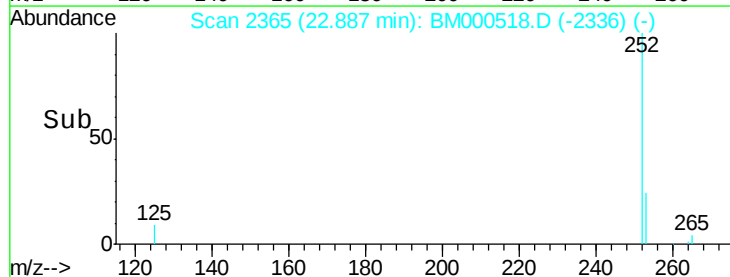
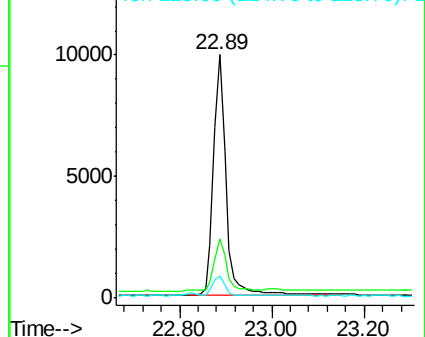
125 9.0 7.4 11.0

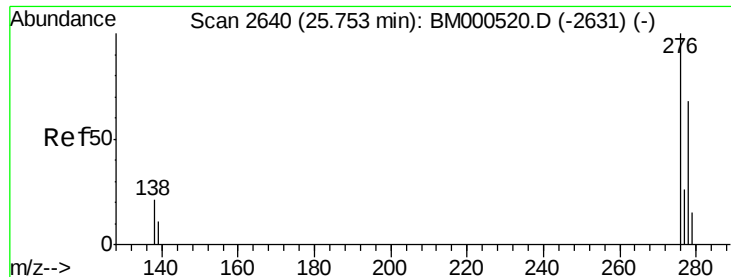


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

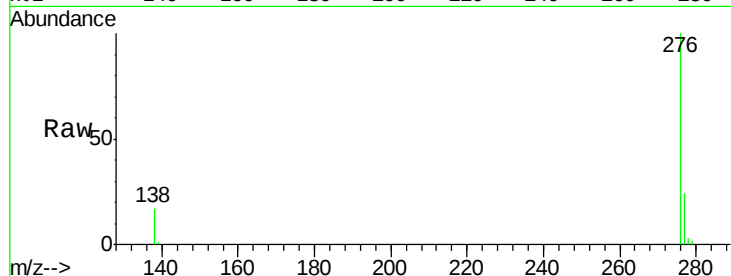




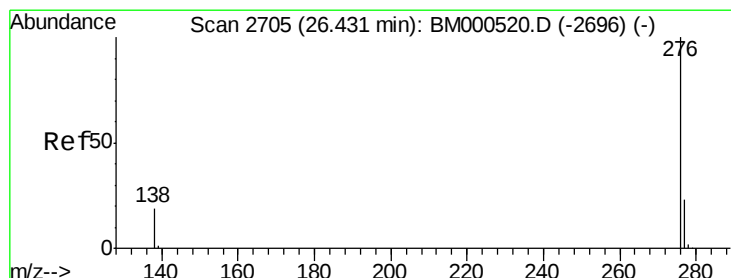
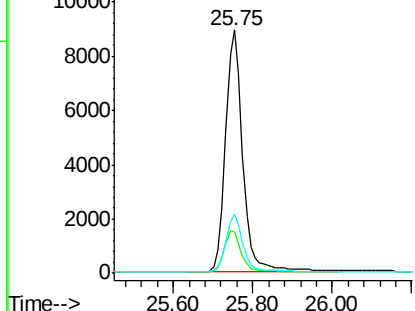
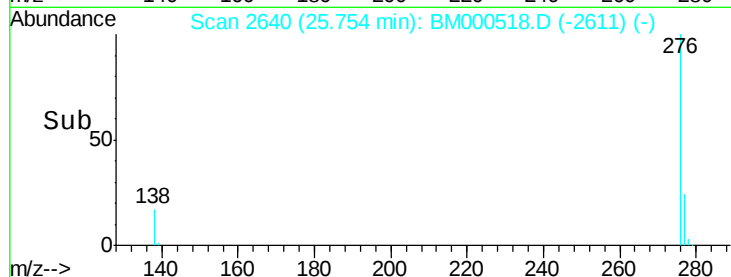
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.66 ng/ul
 RT: 25.75 min Scan# 2640
 Delta R.T. 0.00 min
 Lab File: BM000518.D
 Acq: 13 Feb 2015 10:56

Instrument :
 BNA_M
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Tgt Ion:276 Resp: 27114
 Ion Ratio Lower Upper
 276 100
 138 16.9 17.3 25.9#
 277 23.3 19.8 29.8

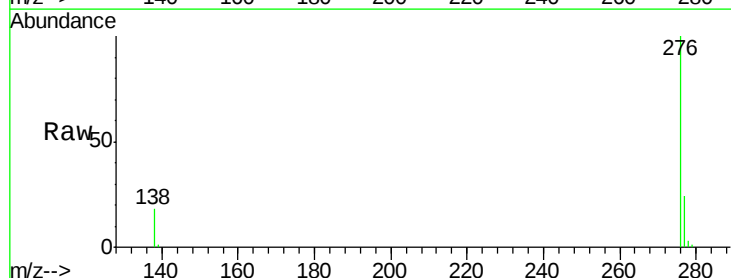


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#26
 Benzo(g,h,i)perylene
 Concen: 0.84 ng/ul
 RT: 26.44 min Scan# 2706
 Delta R.T. 0.00 min
 Lab File: BM000518.D
 Acq: 13 Feb 2015 10:56

Tgt Ion:276 Resp: 30568
 Ion Ratio Lower Upper
 276 100
 277 24.3 19.2 28.8
 138 18.1 16.0 24.0



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

