

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021315\
 Data File : BM000519.D
 Acq On : 13 Feb 2015 14:15
 Operator : TP/IZ
 Sample : G1227-03DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1H34DL

Quant Time: Feb 14 00:25:20 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	7.71	152	4196	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	14151	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	8635	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	18193	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	13362	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	10591	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	3351	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	6922	0.18	ng/ul	0.00

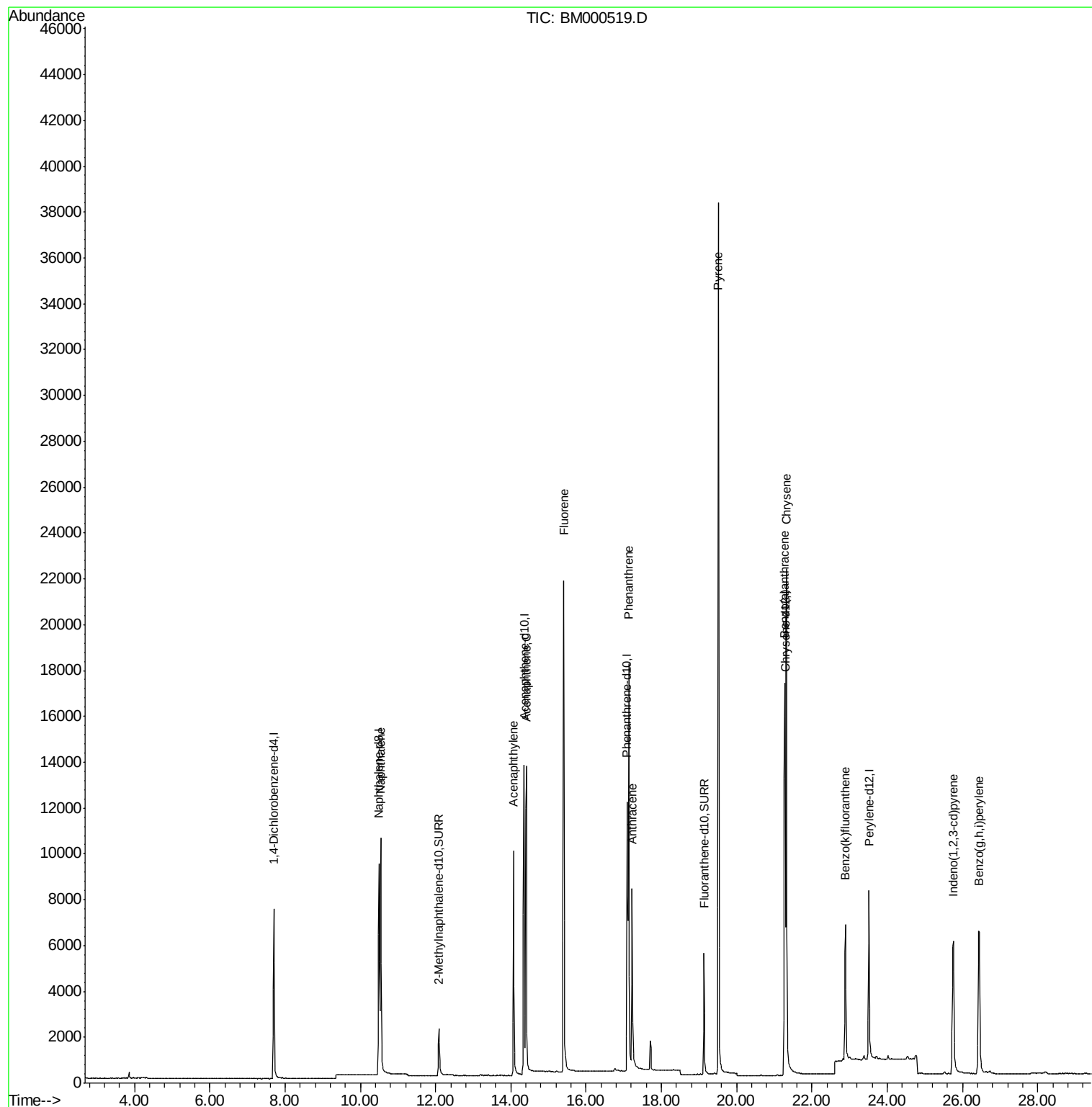
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	15732	0.47	ng/ul	100
7) Acenaphthylene	14.07	152	13090	0.40	ng/ul	99
8) Acenaphthene	14.41	153	10780	0.43	ng/ul	99
9) Fluorene	15.40	166	15237	0.51	ng/ul	98
12) Phenanthrene	17.13	178	19516	0.40	ng/ul	99
13) Anthracene	17.23	178	10793	0.24	ng/ul	98
17) Pyrene	19.51	202	43859	0.91	ng/ul	92
18) Benzo(a)anthracene	21.27	228	14842	0.39	ng/ul	98
19) Chrysene	21.32	228	23779	0.55	ng/ul	97
22) Benzo(k)fluoranthene	22.89	252	8990	0.25	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.75	276	12963	0.35	ng/ul#	94
26) Benzo(g,h,i)perylene	26.43	276	14904	0.45	ng/ul	100

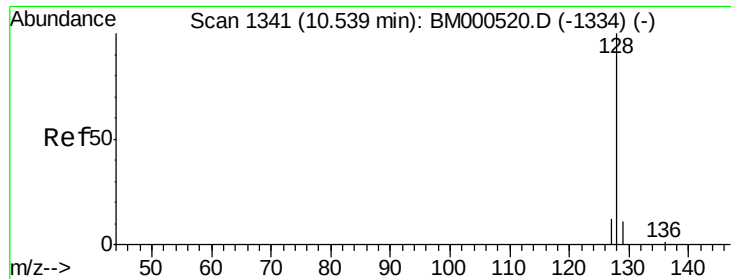
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.47 ng/ul

RT: 10.54 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

Instrument :

BNA_M

ClientSampleId :

X1H34DL

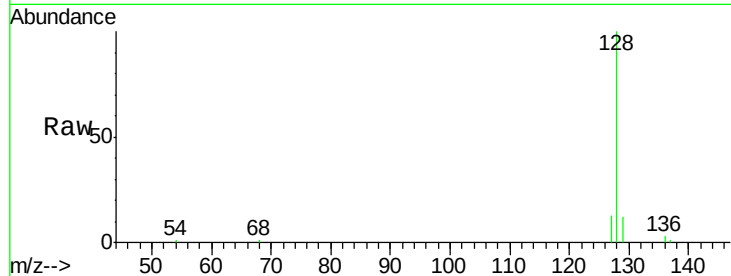
Tgt Ion:128 Resp: 15732

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

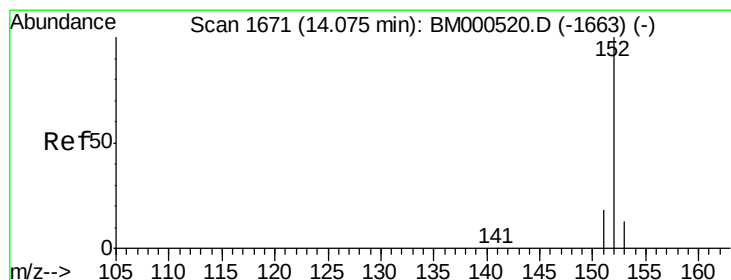
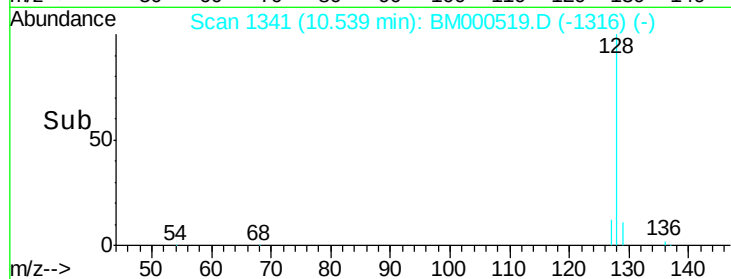
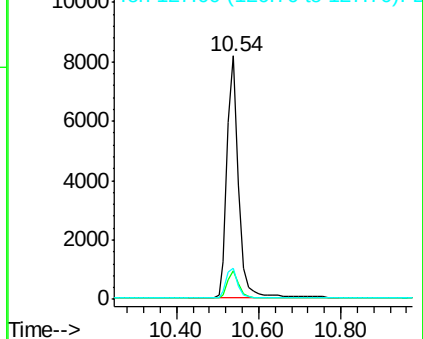
127 12.9 10.4 15.6



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: 0.40 ng/ul

RT: 14.07 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

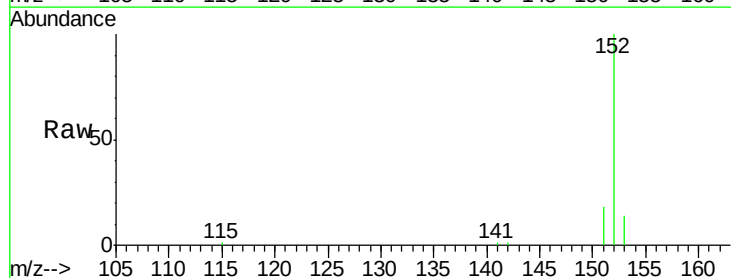
Tgt Ion:152 Resp: 13090

Ion Ratio Lower Upper

152 100

151 18.5 15.0 22.6

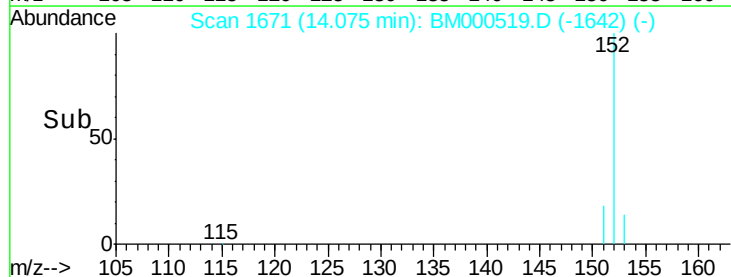
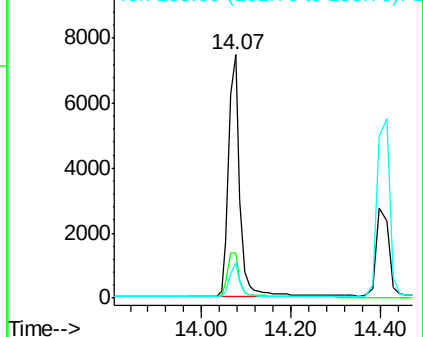
153 14.1 11.1 16.7

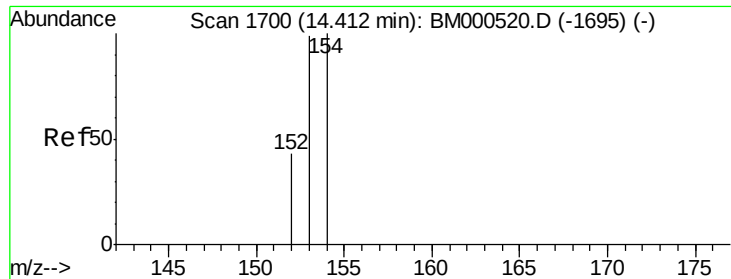


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.43 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

Instrument :

BNA_M

ClientSampleId :

X1H34DL

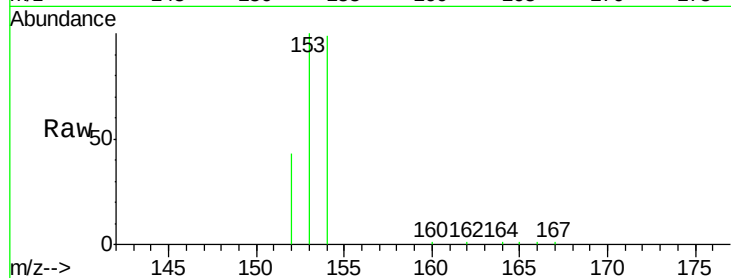
Tgt Ion:153 Resp: 10780

Ion Ratio Lower Upper

153 100

152 43.2 35.1 52.7

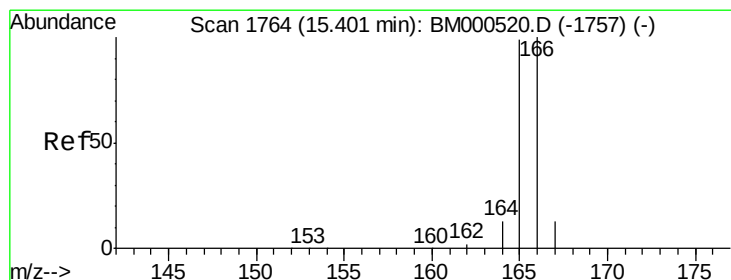
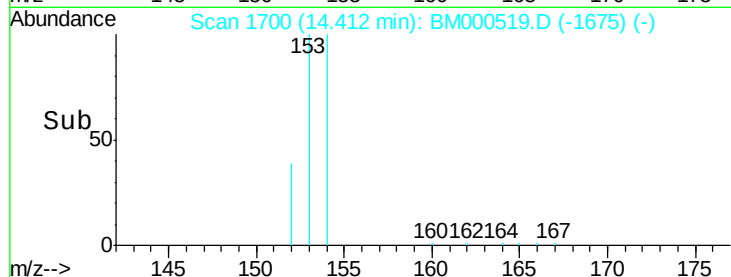
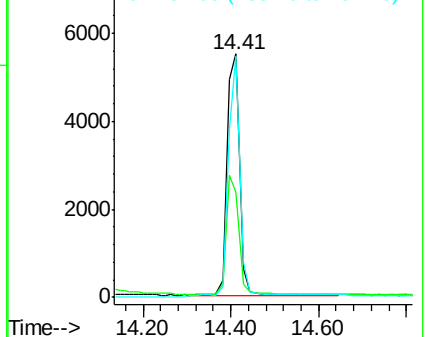
154 99.0 78.5 117.7



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.51 ng/ul

RT: 15.40 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

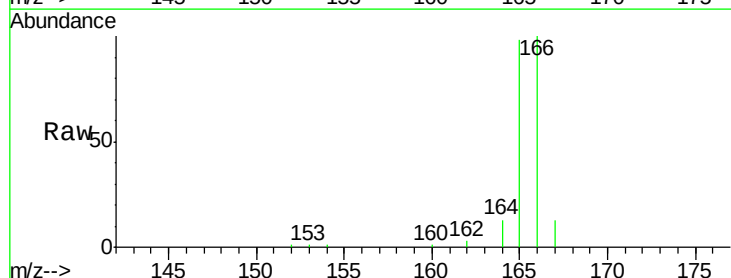
Tgt Ion:166 Resp: 15237

Ion Ratio Lower Upper

166 100

165 97.9 80.0 120.0

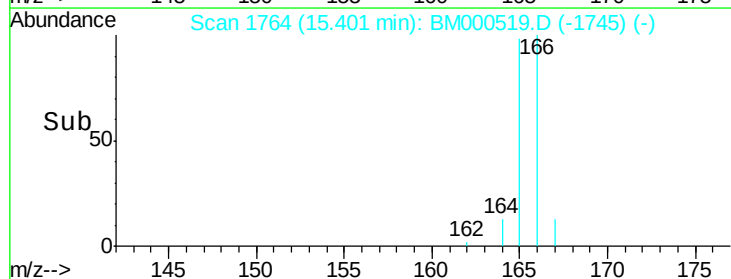
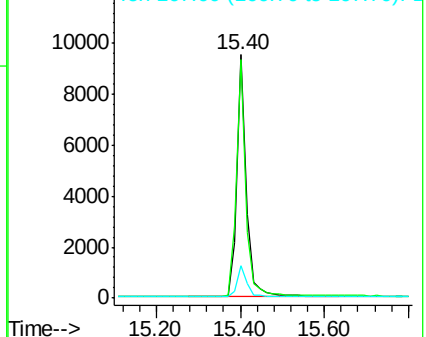
167 13.3 11.4 17.2

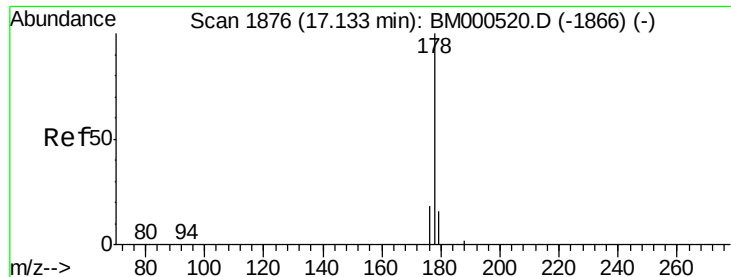


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 17.13 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

Instrument :

BNA_M

ClientSampleId :

X1H34DL

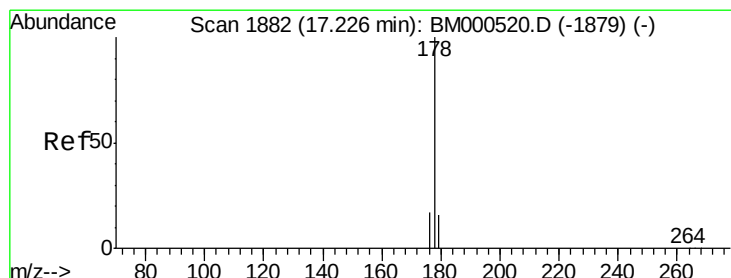
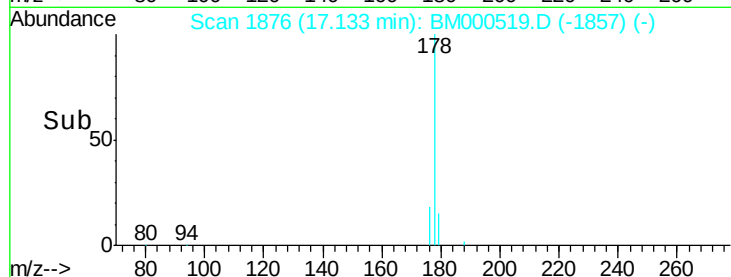
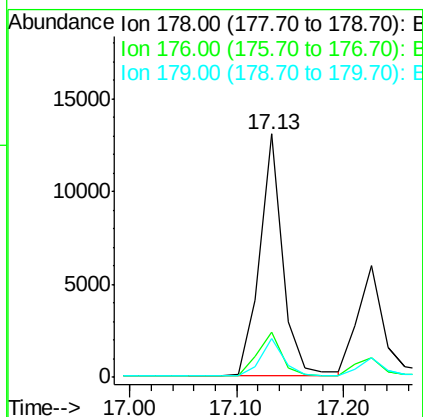
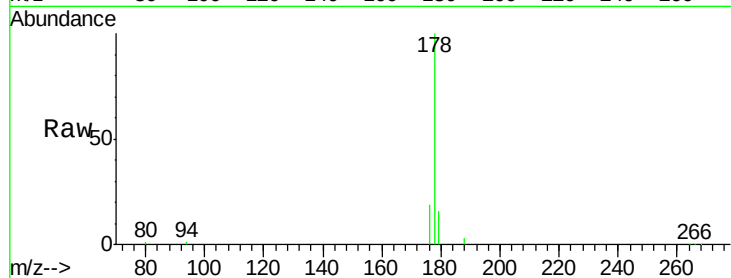
Tgt Ion:178 Resp: 19516

Ion Ratio Lower Upper

178 100

176 18.7 15.5 23.3

179 16.0 12.5 18.7



#13

Anthracene

Concen: 0.24 ng/ul

RT: 17.23 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

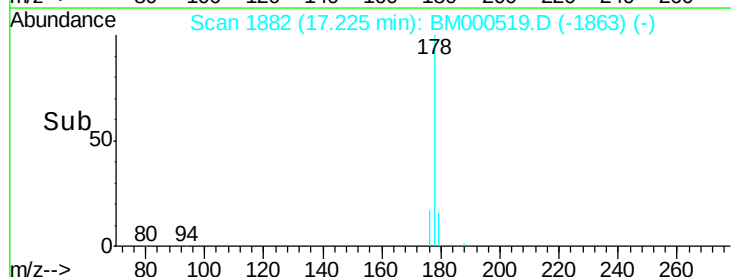
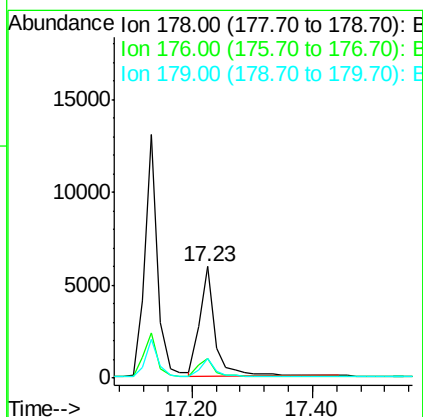
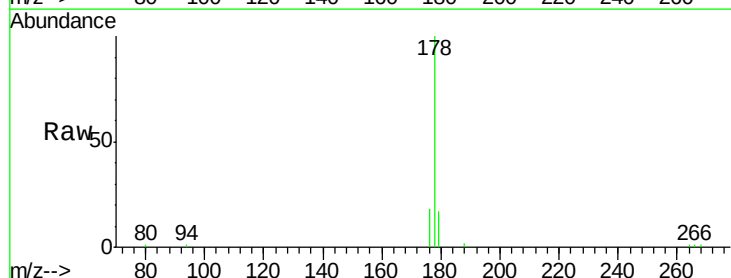
Tgt Ion:178 Resp: 10793

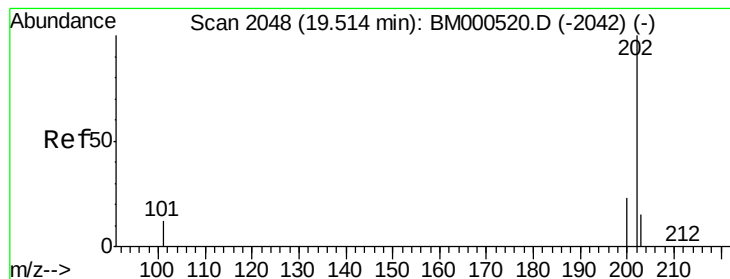
Ion Ratio Lower Upper

178 100

176 18.0 14.9 22.3

179 17.1 12.8 19.2





#17

Pyrene

Concen: 0.91 ng/ul

RT: 19.51 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

Instrument :

BNA_M

ClientSampleId :

X1H34DL

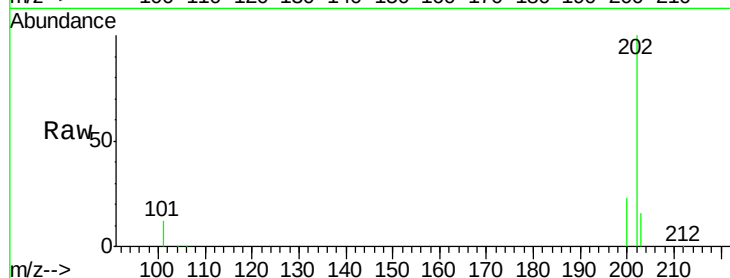
Tgt Ion:202 Resp: 43859

Ion Ratio Lower Upper

202 100

200 22.9 15.4 23.0

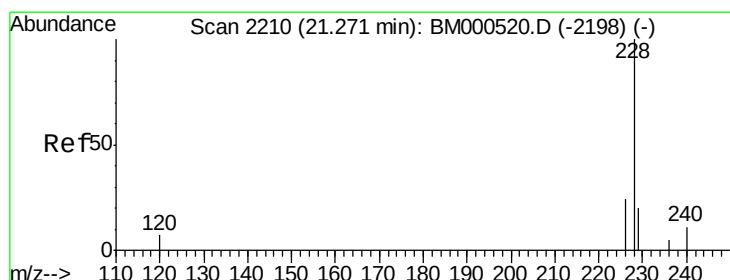
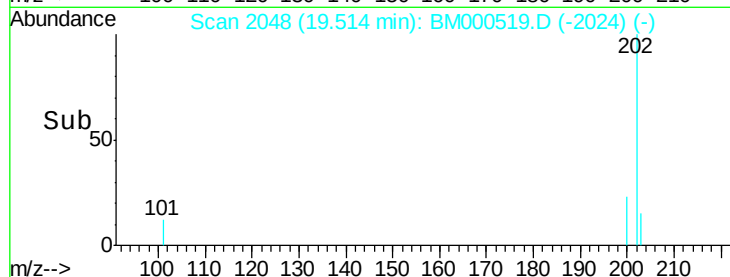
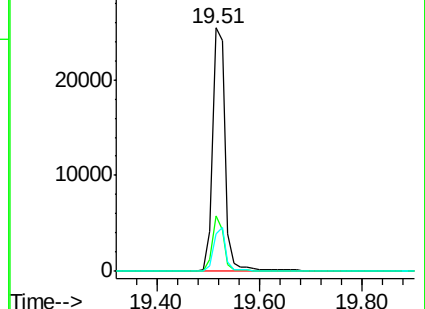
203 15.6 15.4 23.2



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: 0.39 ng/ul

RT: 21.27 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

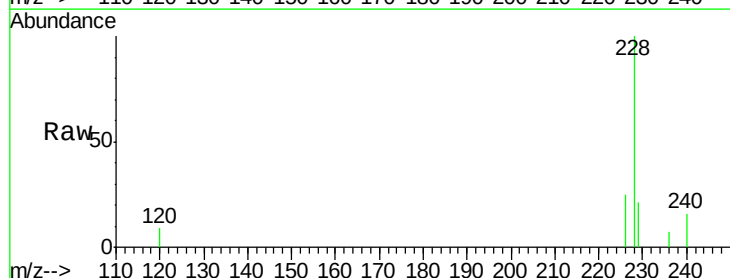
Tgt Ion:228 Resp: 14842

Ion Ratio Lower Upper

228 100

226 24.5 20.6 31.0

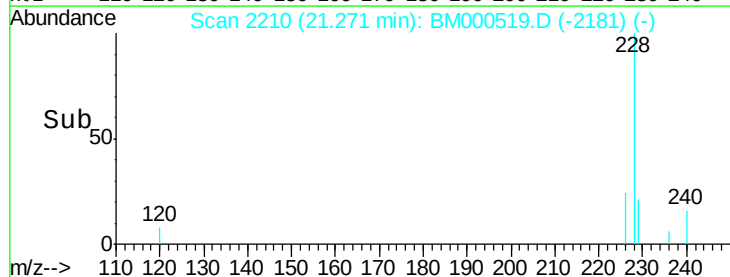
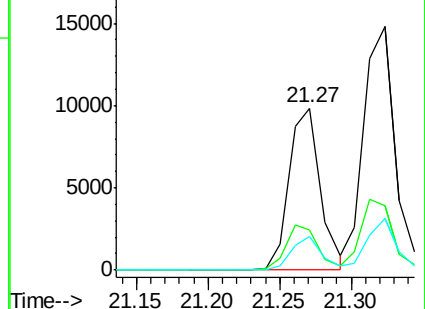
229 21.2 16.3 24.5

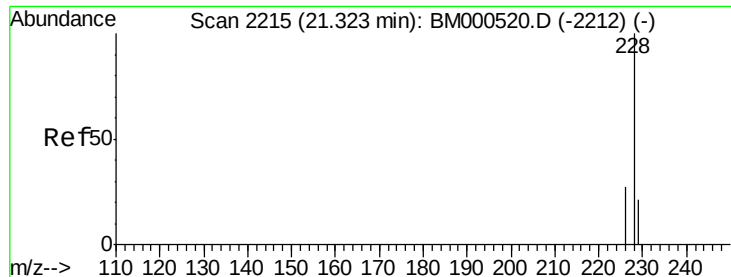


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.55 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

Instrument :

BNA_M

ClientSampleId :

X1H34DL

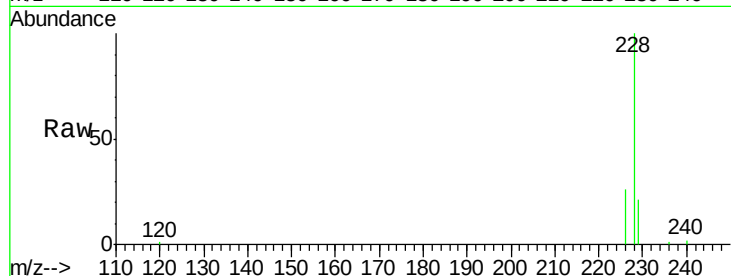
Tgt Ion:228 Resp: 23779

Ion Ratio Lower Upper

228 100

226 26.3 22.7 34.1

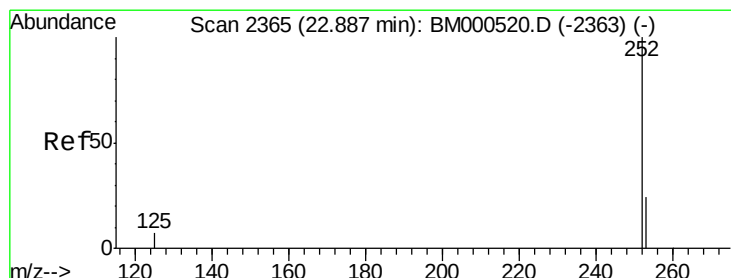
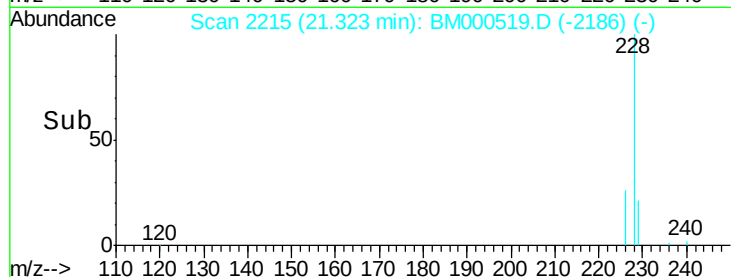
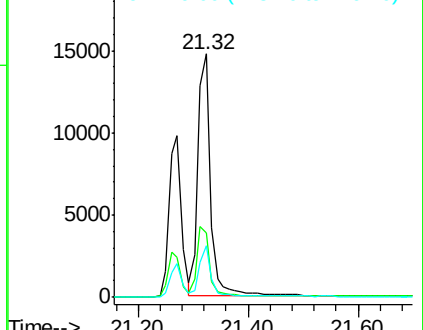
229 21.1 16.0 24.0



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



#22

Benzo(k)fluoranthene

Concen: 0.25 ng/ul

RT: 22.89 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

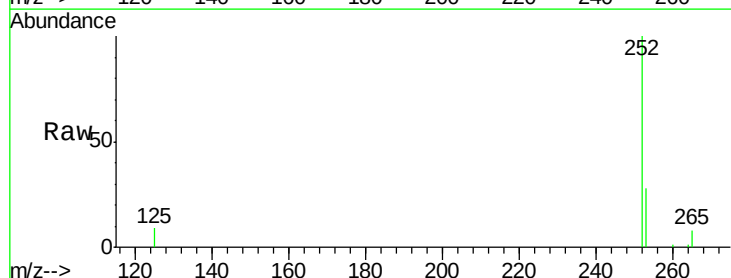
Tgt Ion:252 Resp: 8990

Ion Ratio Lower Upper

252 100

253 28.5 20.2 30.4

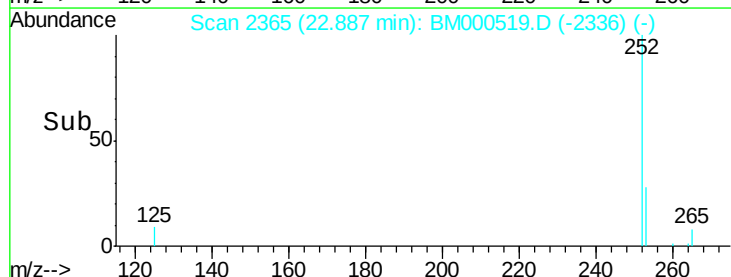
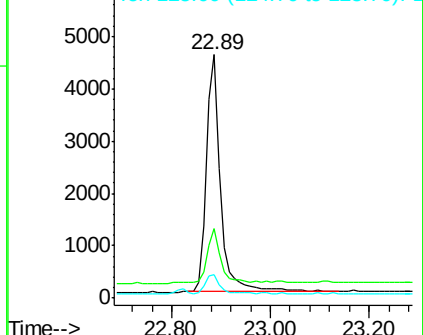
125 9.5 7.4 11.0

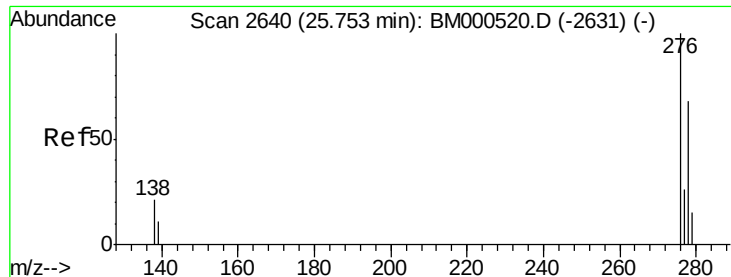


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.35 ng/ul

RT: 25.75 min Scan# 2640

Delta R.T. -0.00 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

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BNA_M

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X1H34DL

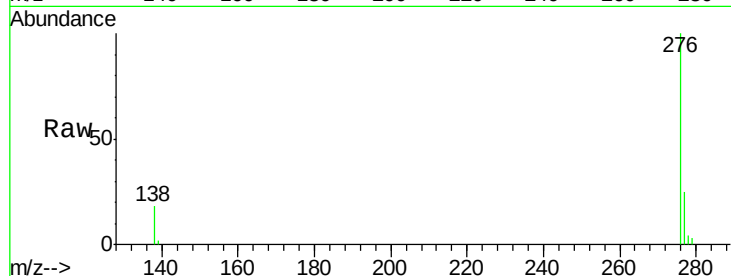
Tgt Ion:276 Resp: 12963

Ion Ratio Lower Upper

276 100

138 16.8 17.3 25.9#

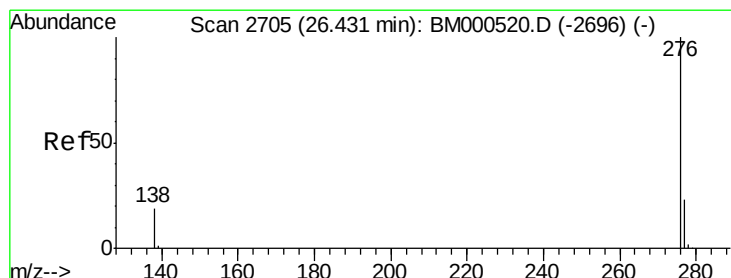
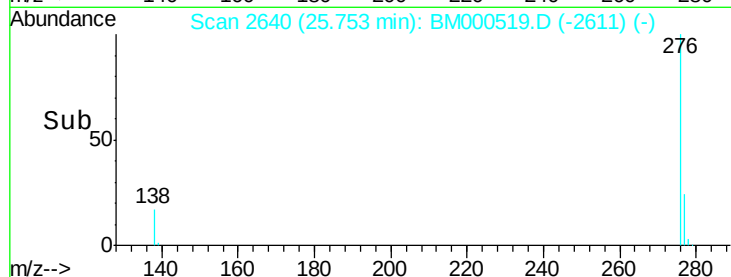
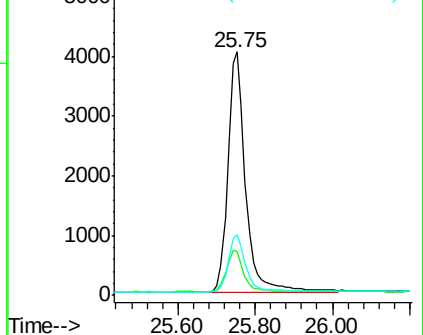
277 23.5 19.8 29.8



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: 0.45 ng/ul

RT: 26.43 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BM000519.D

Acq: 13 Feb 2015 14:15

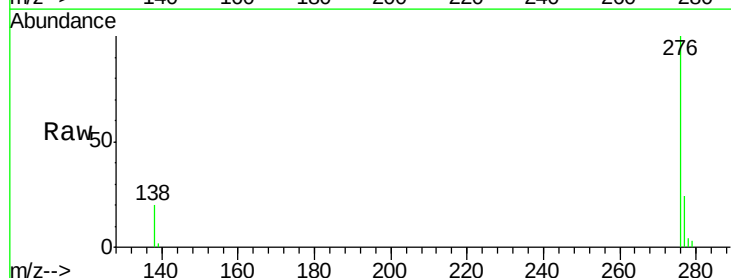
Tgt Ion:276 Resp: 14904

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 20.2 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

