

Data Path : Z:\HPCHEM1\BNA_M\Data\BM021315\
 Data File : BM000523.D
 Acq On : 13 Feb 2015 18:05
 Operator : TP/IZ
 Sample : PB81660BL
 Misc : SBLK17
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK17

Quant Time: Feb 14 01:03:18 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	3202	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	10597	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	6743	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.19	188	1030011	0.40	ng/ul	0.11
16) Chrysene-d12	21.28	240	9890	0.40	ng/ul	-0.01
20) Perylene-d12	23.37	264	840195	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	6167	0.46	ng/ul	0.00
14) Fluoranthene-d10	19.49	212	1014117	0.47	ng/ul	0.36

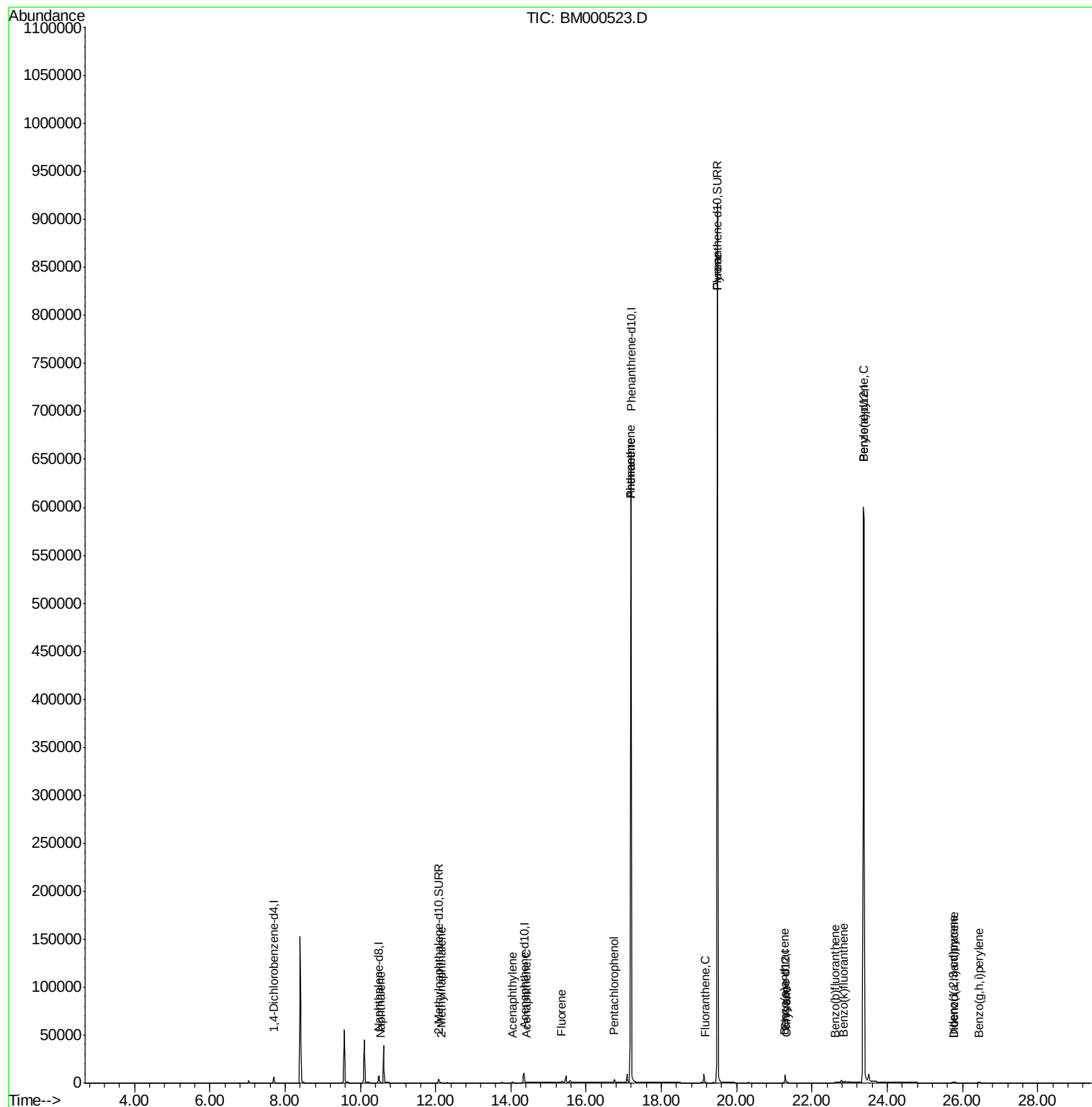
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	215	0.01	ng/ul#	29
5) 2-Methylnaphthalene	12.16	142	71	0.00	ng/ul	91
7) Acenaphthylene	14.04	152	102	0.00	ng/ul#	1
8) Acenaphthene	14.41	153	31	0.00	ng/ul#	78
9) Fluorene	15.34	166	1980	0.08	ng/ul#	17
11) Pentachlorophenol	16.75	266	2576	0.02	ng/ul	98
12) Phenanthrene	17.18	178	775	0.00	ng/ul#	1
13) Anthracene	17.18	178	775	0.00	ng/ul#	1
15) Fluoranthene	19.15	202	576	0.00	ng/ul	76
17) Pyrene	19.49	202	2455	0.07	ng/ul#	1
18) Benzo(a)anthracene	21.27	228	1100	0.04	ng/ul#	91
19) Chrysene	21.32	228	1401	0.04	ng/ul#	89
21) Benzo(b)fluoranthene	22.62	252	213	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.83	252	1237	0.00	ng/ul#	47
23) Benzo(a)pyrene	23.37	252	4948	0.00	ng/ul#	58
24) Indeno(1,2,3-cd)pyrene	25.75	276	1325	0.00	ng/ul	100
25) Dibenzo(a,h)anthracene	25.76	278	988	0.00	ng/ul#	52
26) Benzo(g,h,i)perylene	26.43	276	1186	0.00	ng/ul#	79

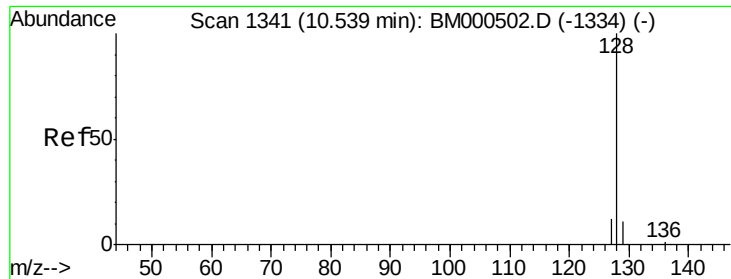
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 14 01:03:18 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: 0.01 ng/ul

RT: 10.54 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

Instrument :

BNA_M

ClientSampleId :

SBLK17

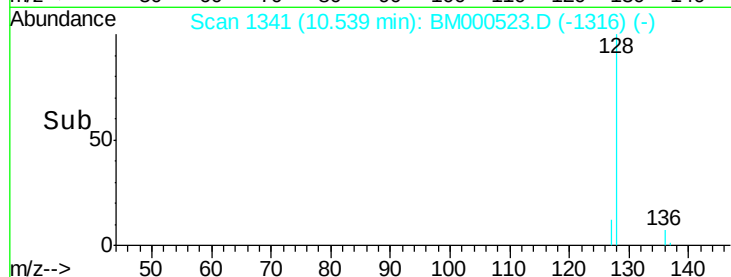
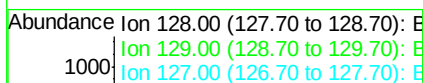
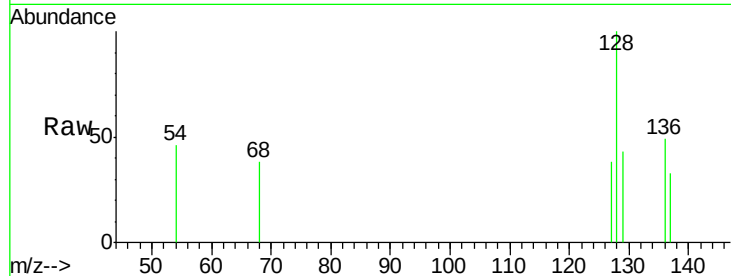
Tgt Ion:128 Resp: 215

Ion Ratio Lower Upper

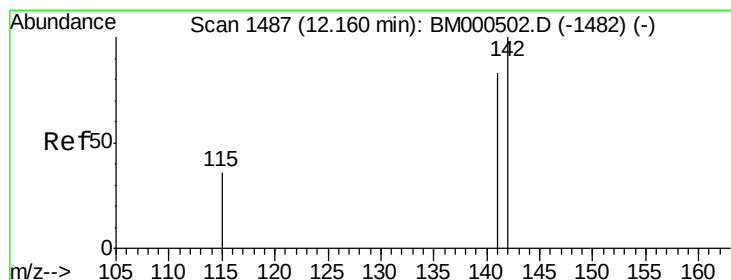
128 100

129 43.2 9.5 14.3#

127 37.9 10.4 15.6#



Time-->



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.16 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BM000523.D

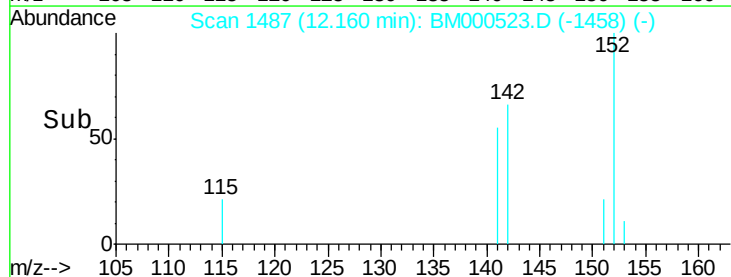
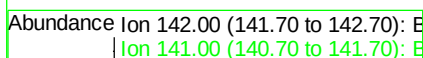
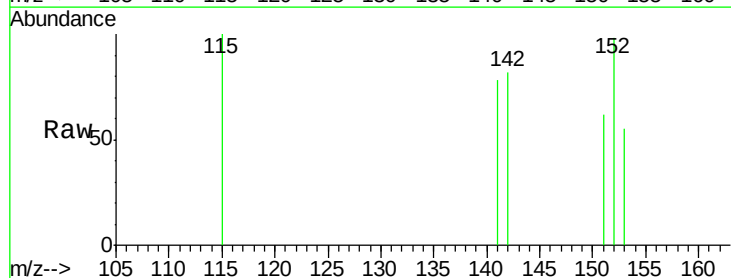
Acq: 13 Feb 2015 18:05

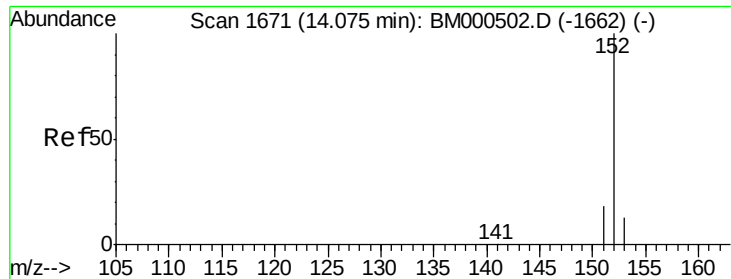
Tgt Ion:142 Resp: 71

Ion Ratio Lower Upper

142 100

141 95.8 69.9 104.9





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 1668

Delta R.T. -0.03 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

Instrument :

BNA_M

ClientSampleId :

SBLK17

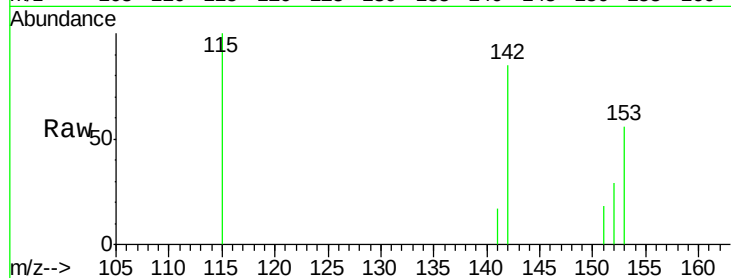
Tgt Ion:152 Resp: 102

Ion Ratio Lower Upper

152 100

151 63.6 15.0 22.6#

153 192.9 11.1 16.7#



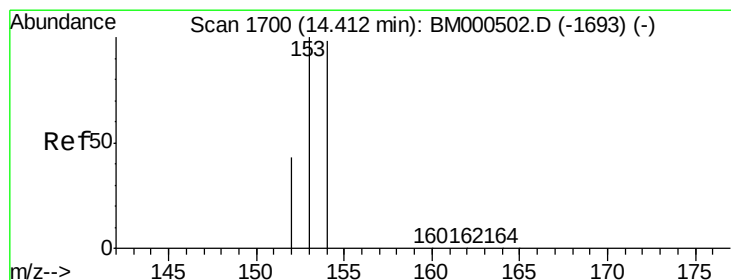
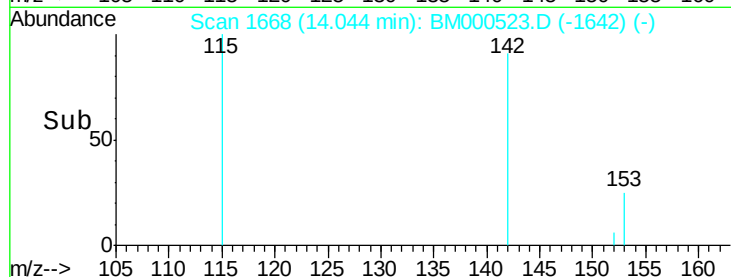
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.04

Time--> 14.00 14.05 14.10



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. 0.00 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

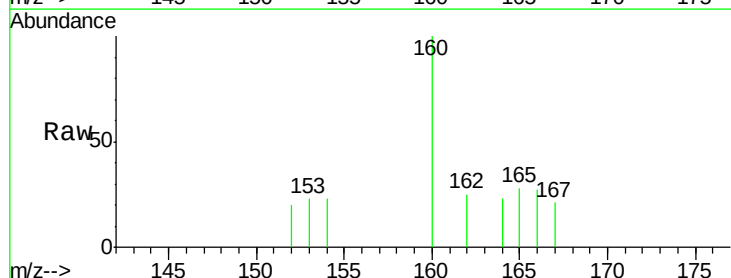
Tgt Ion:153 Resp: 31

Ion Ratio Lower Upper

153 100

152 85.5 35.1 52.7#

154 101.6 78.5 117.7



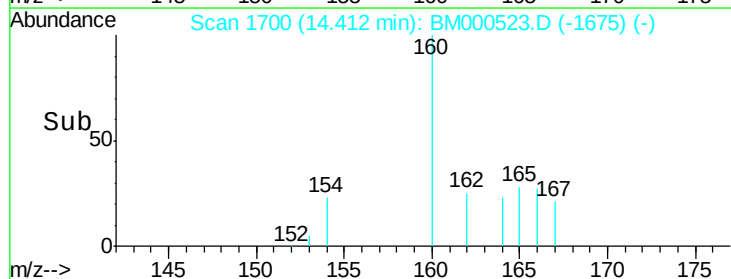
Abundance Ion 153.00 (152.70 to 153.70): E

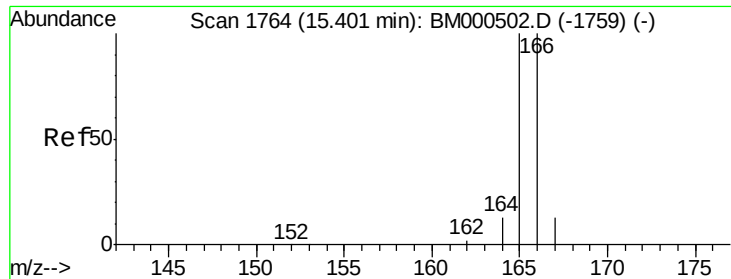
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.41

Time--> 14.30 14.40

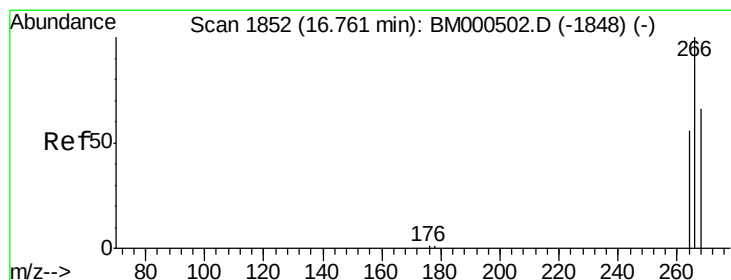
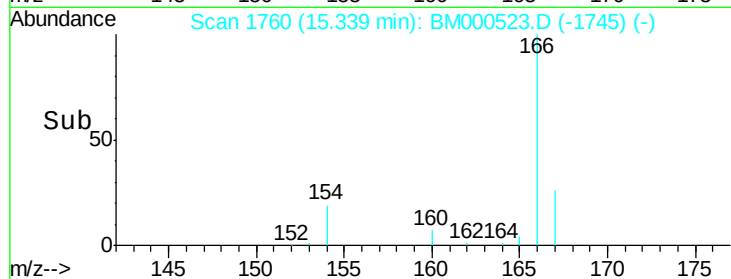
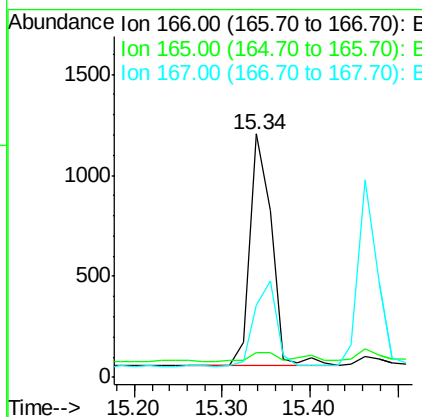
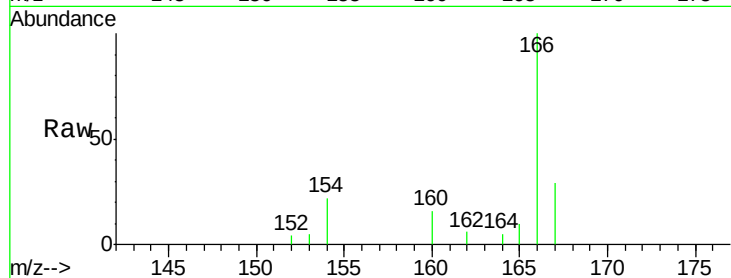




#9
Fluorene
 Concen: 0.08 ng/ul
 RT: 15.34 min Scan# 1760
 Delta R.T. -0.06 min
 Lab File: BM000523.D
 Acq: 13 Feb 2015 18:05

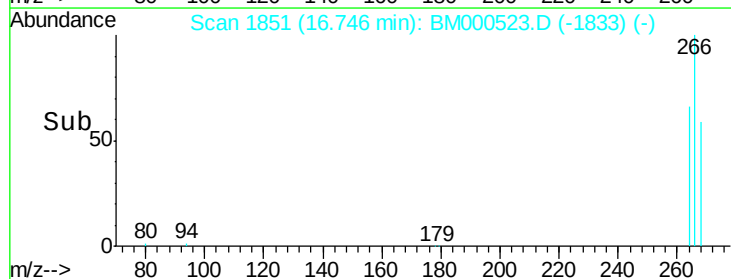
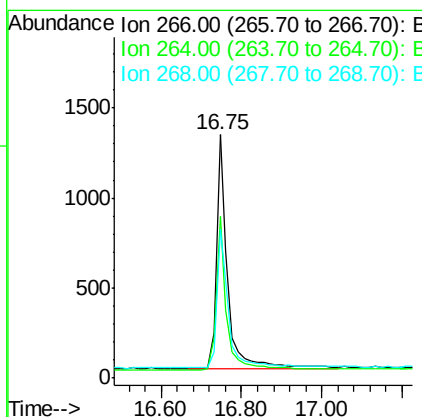
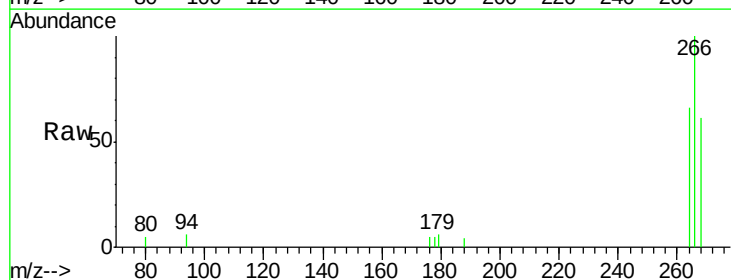
Instrument :
 BNA_M
 ClientSampleId :
 SBLK17

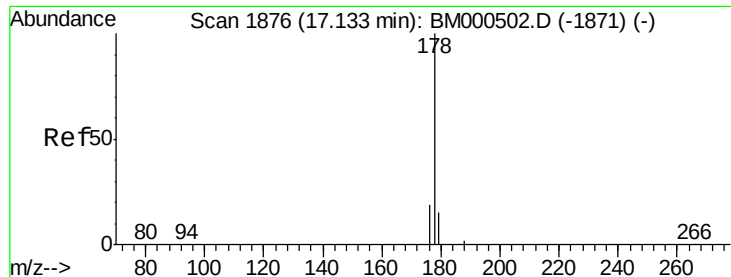
Tgt Ion:166 Resp: 1980
 Ion Ratio Lower Upper
 166 100
 165 10.1 80.0 120.0#
 167 29.4 11.4 17.2#



#11
Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 16.75 min Scan# 1851
 Delta R.T. -0.02 min
 Lab File: BM000523.D
 Acq: 13 Feb 2015 18:05

Tgt Ion:266 Resp: 2576
 Ion Ratio Lower Upper
 266 100
 264 62.1 51.4 77.2
 268 62.3 48.7 73.1





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.18 min Scan# 1879

Delta R.T. 0.05 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

Instrument :

BNA_M

ClientSampleId :

SBLK17

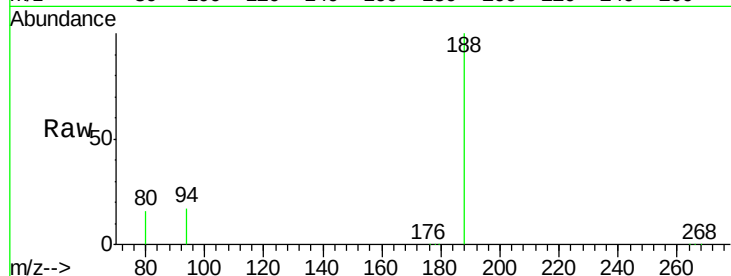
Tgt Ion:178 Resp: 775

Ion Ratio Lower Upper

178 100

176 27.7 15.5 23.3#

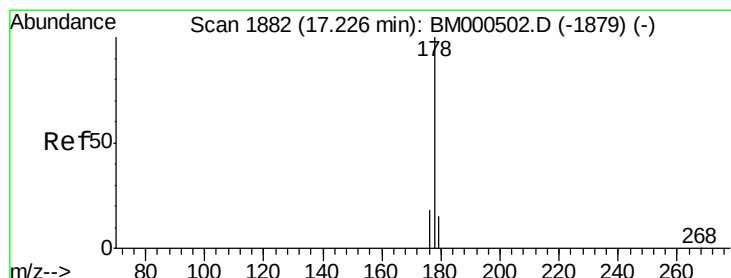
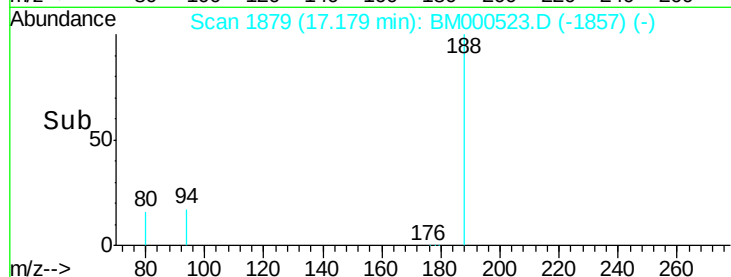
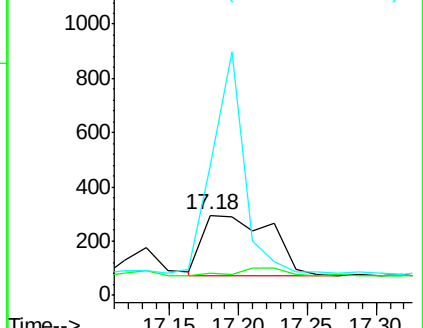
179 161.5 12.5 18.7#



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: 0.00 ng/ul

RT: 17.18 min Scan# 1879

Delta R.T. -0.05 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

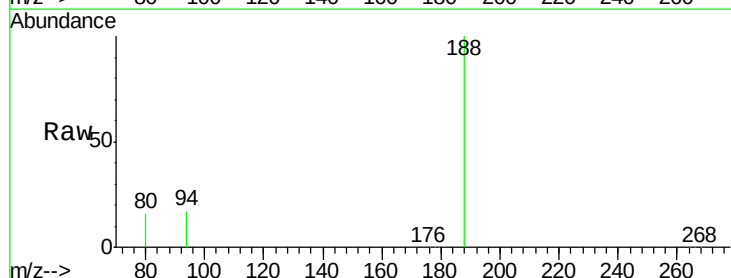
Tgt Ion:178 Resp: 775

Ion Ratio Lower Upper

178 100

176 27.7 14.9 22.3#

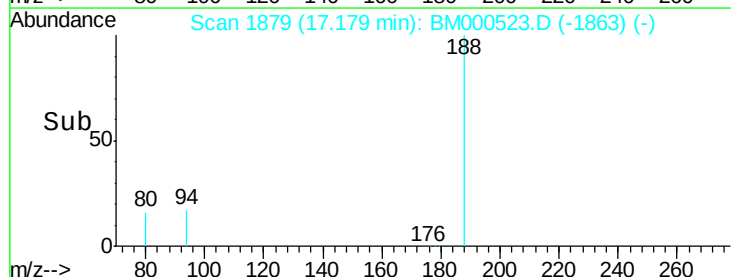
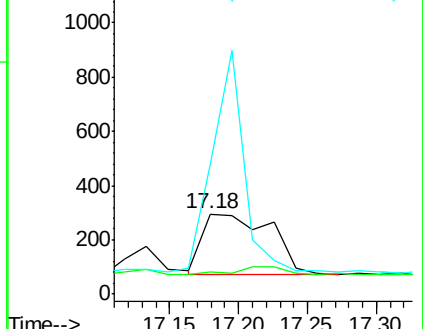
179 161.5 12.8 19.2#

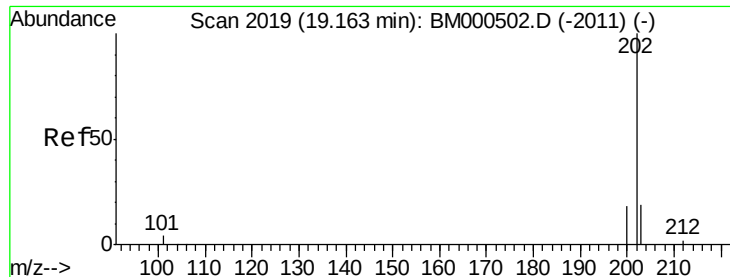


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

Instrument :

BNA_M

ClientSampleId :

SBLK17

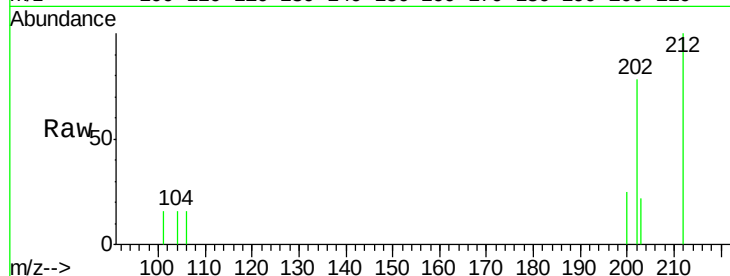
Tgt Ion:202 Resp: 576

Ion Ratio Lower Upper

202 100

101 19.8 0.0 24.8

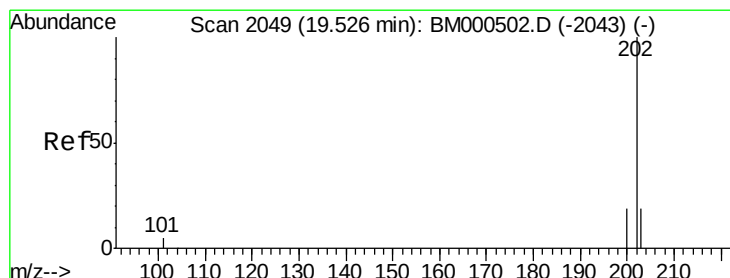
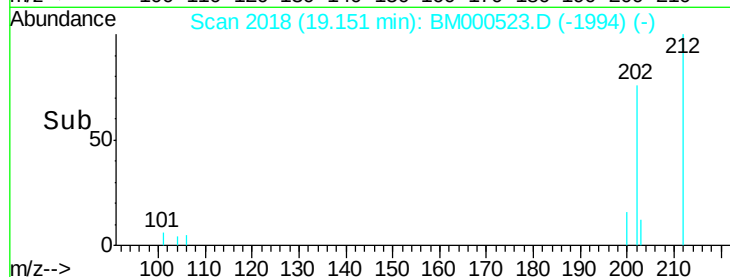
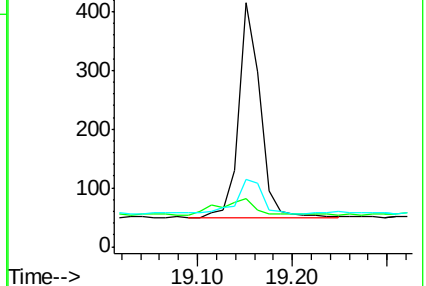
203 27.7 0.0 39.2



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: 0.07 ng/ul

RT: 19.49 min Scan# 2046

Delta R.T. -0.04 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

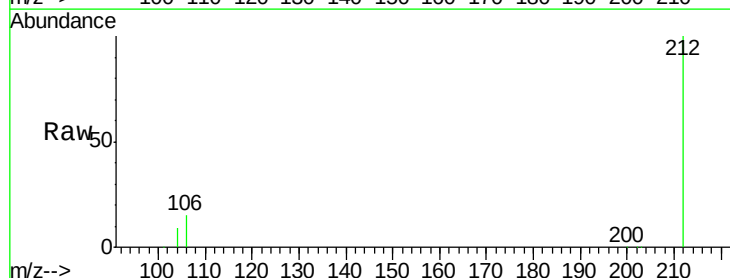
Tgt Ion:202 Resp: 2455

Ion Ratio Lower Upper

202 100

200 7.4 15.4 23.0#

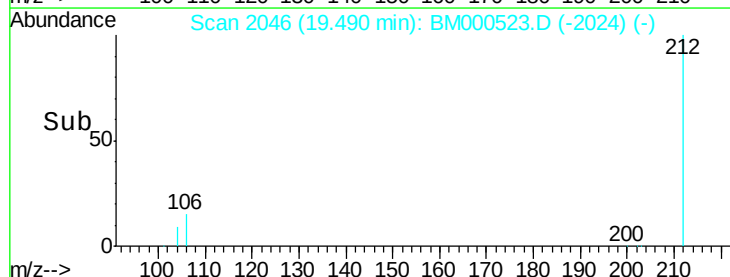
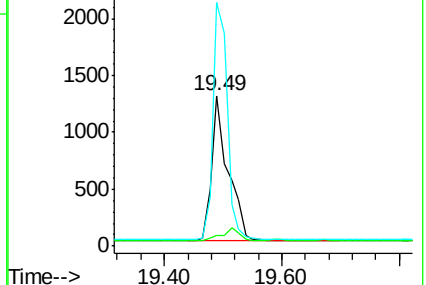
203 161.9 15.4 23.2#

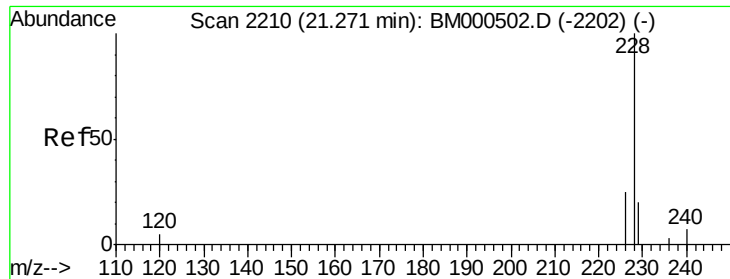


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.27 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

Instrument :

BNA_M

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SBLK17

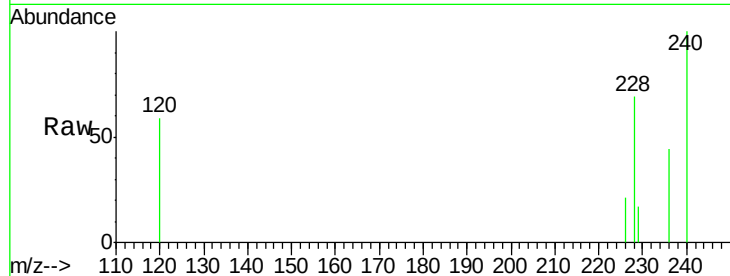
Tgt Ion:228 Resp: 1100

Ion Ratio Lower Upper

228 100

226 29.6 20.6 31.0

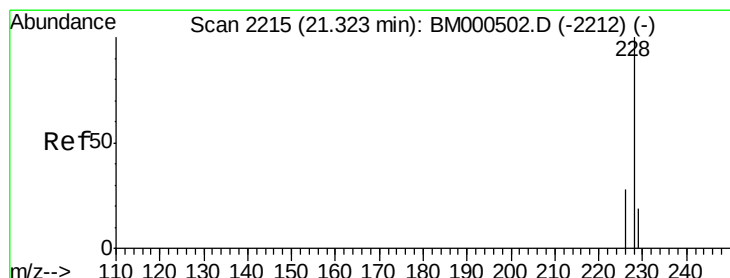
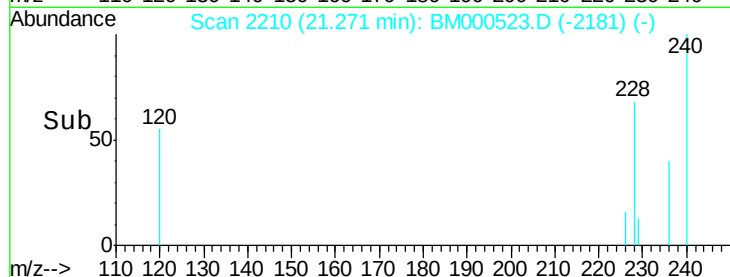
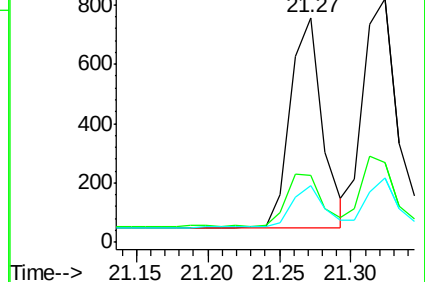
229 25.1 16.3 24.5#



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: 0.04 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

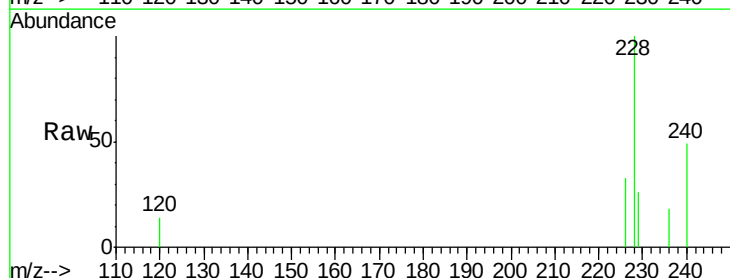
Tgt Ion:228 Resp: 1401

Ion Ratio Lower Upper

228 100

226 32.9 22.7 34.1

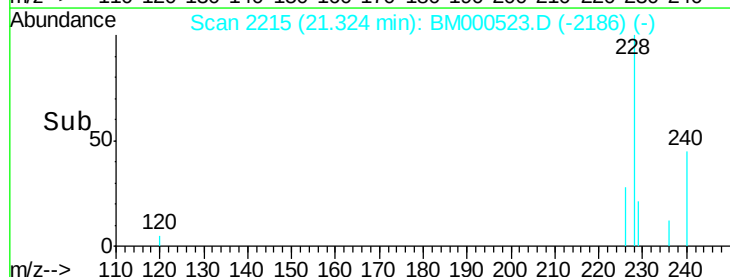
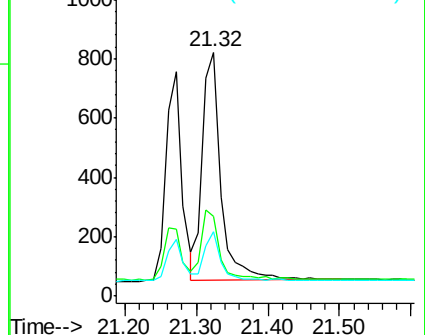
229 26.2 16.0 24.0#

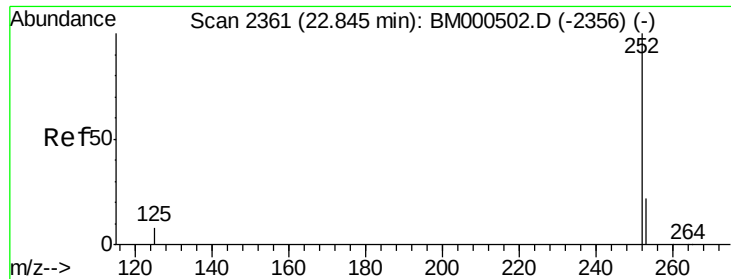


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.62 min Scan# 2339

Delta R.T. -0.23 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

Instrument :

BNA_M

ClientSampleId :

SBLK17

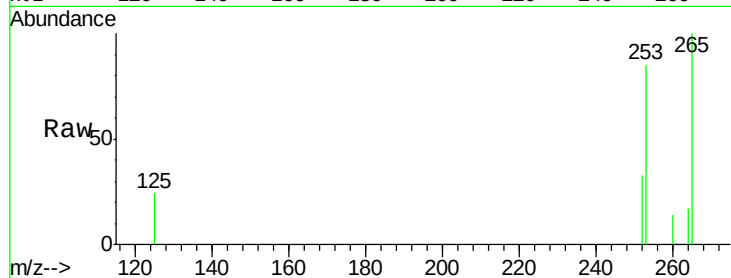
Tgt Ion:252 Resp: 213

Ion Ratio Lower Upper

252 100

253 261.2 0.0 52.6#

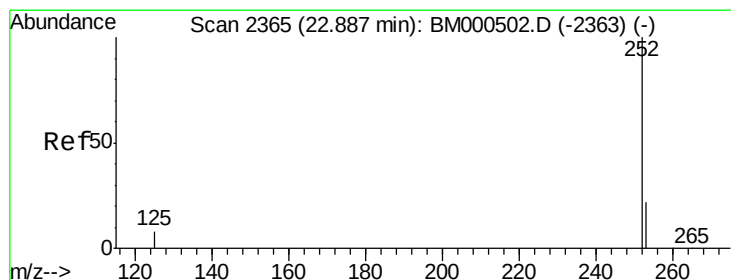
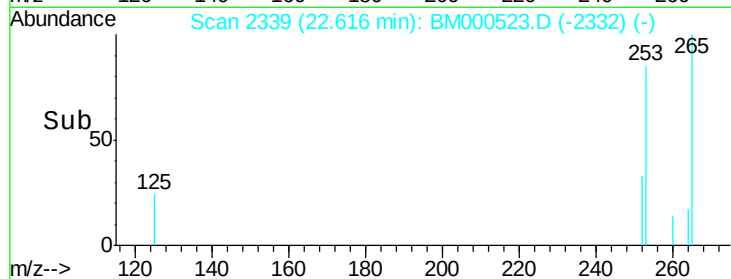
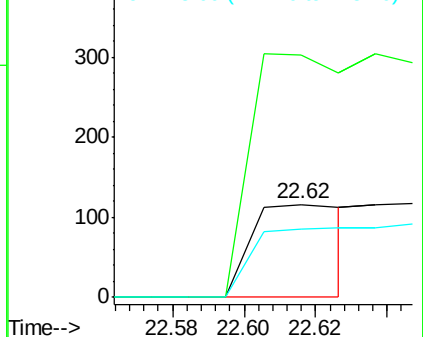
125 74.1 0.0 17.6#



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: 0.00 ng/ul

RT: 22.83 min Scan# 2360

Delta R.T. -0.05 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

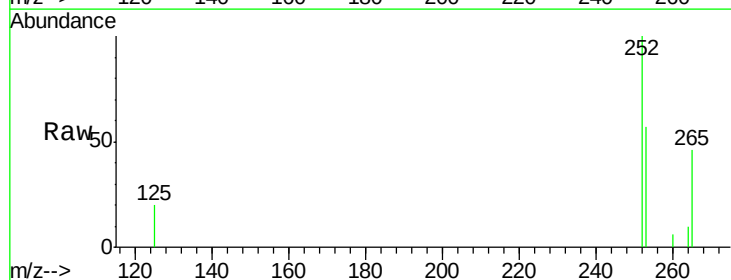
Tgt Ion:252 Resp: 1237

Ion Ratio Lower Upper

252 100

253 56.7 20.2 30.4#

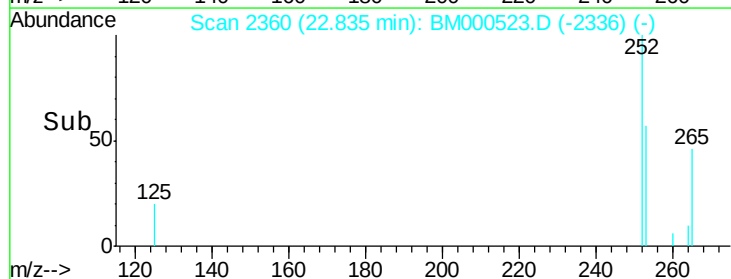
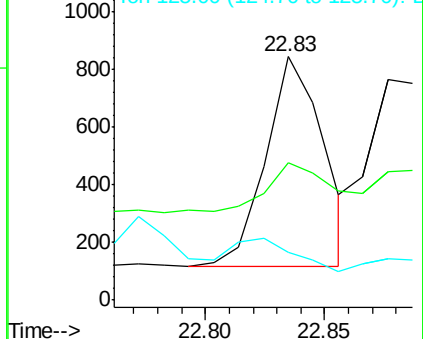
125 19.5 7.4 11.0#

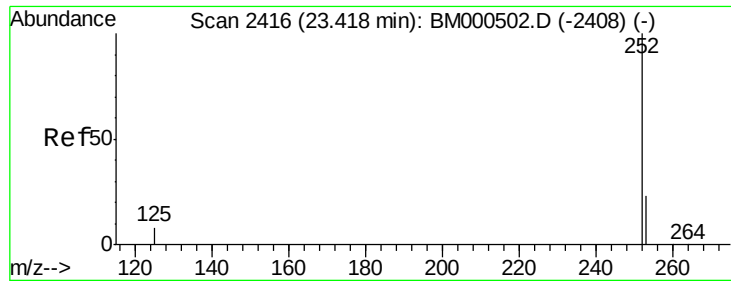


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.37 min Scan# 2411

Delta R.T. -0.05 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

Instrument :

BNA_M

ClientSampleId :

SBLK17

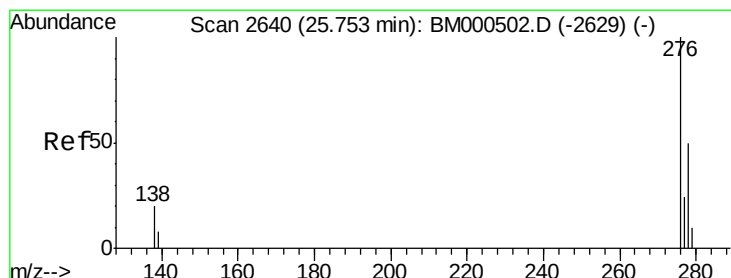
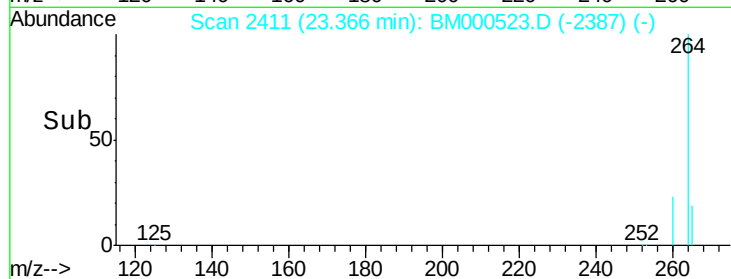
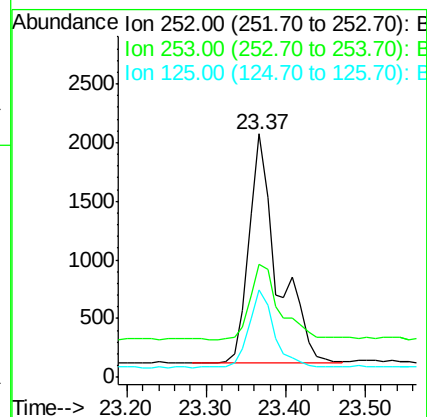
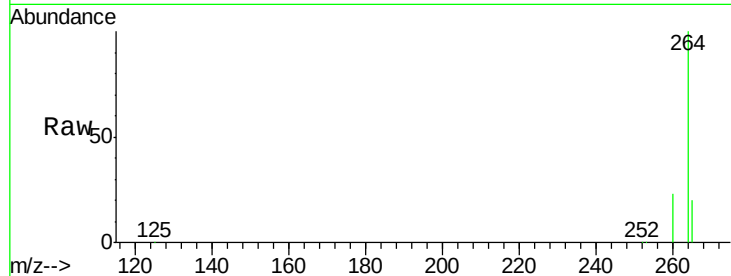
Tgt Ion:252 Resp: 4948

Ion Ratio Lower Upper

252 100

253 46.3 23.1 34.7#

125 35.9 8.0 12.0#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.75 min Scan# 2640

Delta R.T. 0.00 min

Lab File: BM000523.D

Acq: 13 Feb 2015 18:05

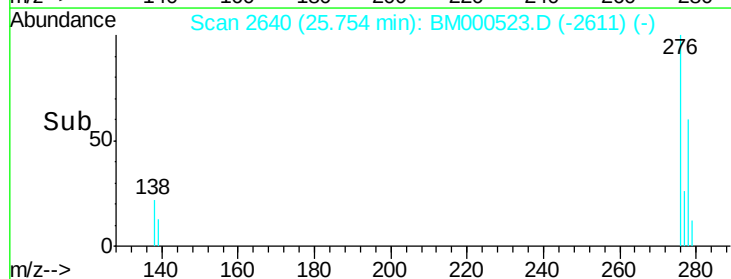
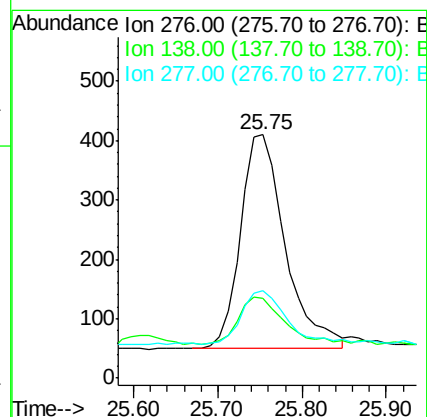
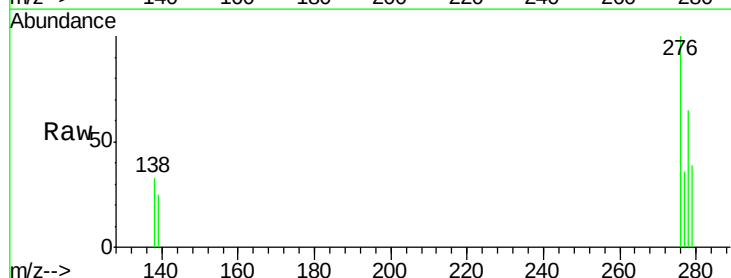
Tgt Ion:276 Resp: 1325

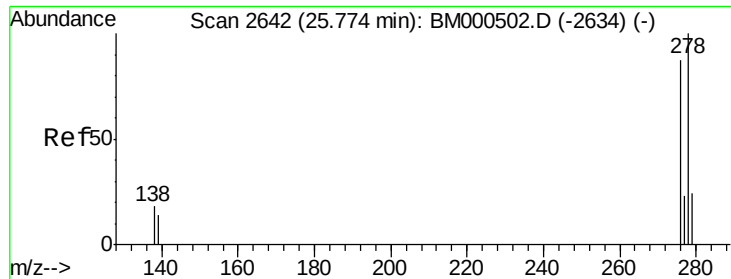
Ion Ratio Lower Upper

276 100

138 21.7 17.3 25.9

277 25.0 19.8 29.8

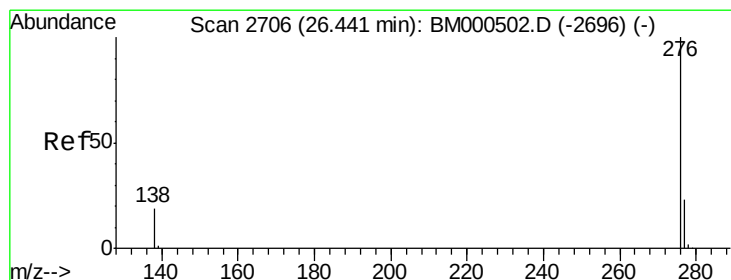
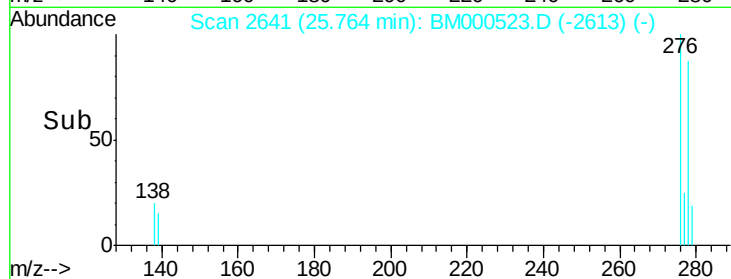
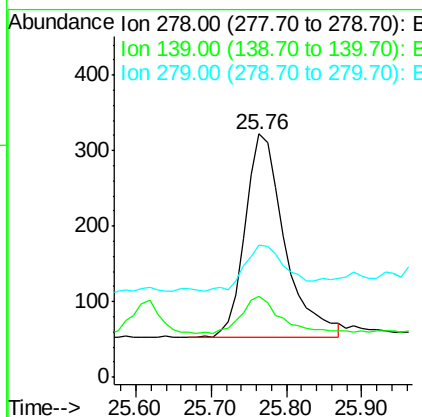
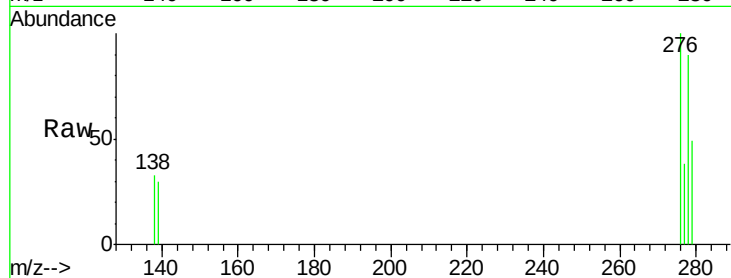




#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.76 min Scan# 2641
Delta R.T. -0.01 min
Lab File: BM000523.D
Acq: 13 Feb 2015 18:05

Instrument :
BNA_M
ClientSampleId :
SBLK17

Tgt Ion:278 Resp: 988
Ion Ratio Lower Upper
278 100
139 33.2 12.5 18.7#
279 54.3 22.2 33.2#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.43 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BM000523.D
Acq: 13 Feb 2015 18:05

Tgt Ion:276 Resp: 1186
Ion Ratio Lower Upper
276 100
277 33.9 19.2 28.8#
138 30.1 16.0 24.0#

