

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
 Data File : BM000423.D
 Acq On : 05 Feb 2015 10:31
 Operator : TP/IZ
 Sample : SSTD0.174
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 05 13:10:23 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 05 12:58:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2418	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7783	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4644	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	9416	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	7868	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	7087	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	1064	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	2139	0.10	ng/ul	0.00

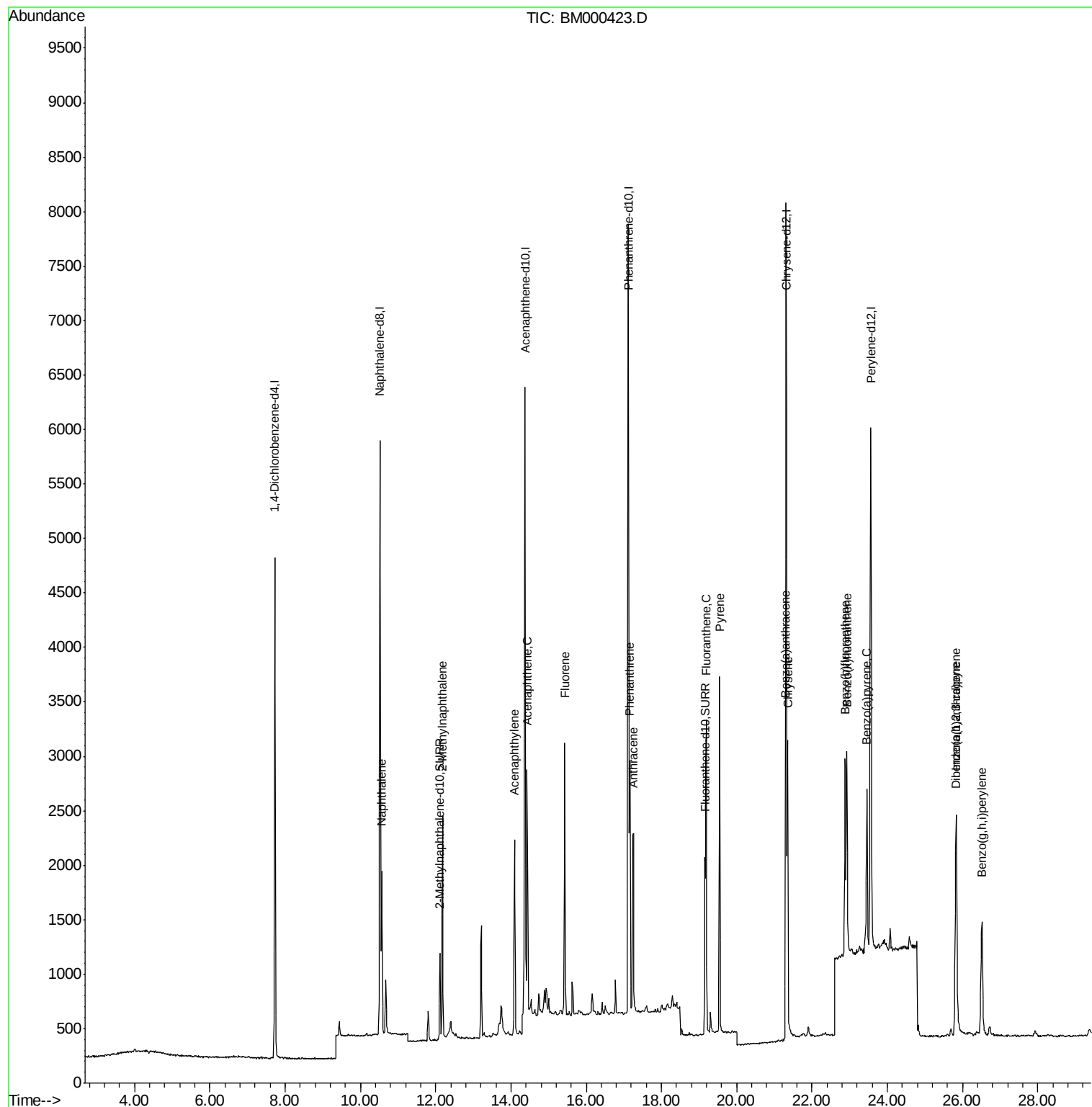
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	2050	0.10	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	1498	0.11	ng/ul	98
7) Acenaphthylene	14.10	152	2022	0.10	ng/ul#	92
8) Acenaphthene	14.43	153	1504	0.10	ng/ul	95
9) Fluorene	15.43	166	1806	0.10	ng/ul#	93
12) Phenanthrene	17.16	178	2850	0.10	ng/ul#	92
13) Anthracene	17.26	178	2646	0.11	ng/ul#	90
15) Fluoranthene	19.19	202	3120	0.10	ng/ul	94
17) Pyrene	19.55	202	3275	0.10	ng/ul	97
18) Benzo(a)anthracene	21.29	228	2642	0.11	ng/ul	96
19) Chrysene	21.35	228	2794m	0.10	ng/ul	
21) Benzo(b)fluoranthene	22.88	252	2849	0.11	ng/ul	73
22) Benzo(k)fluoranthene	22.93	252	2559	0.09	ng/ul#	75
23) Benzo(a)pyrene	23.46	252	2594	0.11	ng/ul#	66
24) Indeno(1,2,3-cd)pyrene	25.83	276	2831	0.11	ng/ul	96
25) Dibenzo(a,h)anthracene	25.84	278	2213	0.11	ng/ul#	80
26) Benzo(g,h,i)perylene	26.51	276	2486	0.12	ng/ul#	91

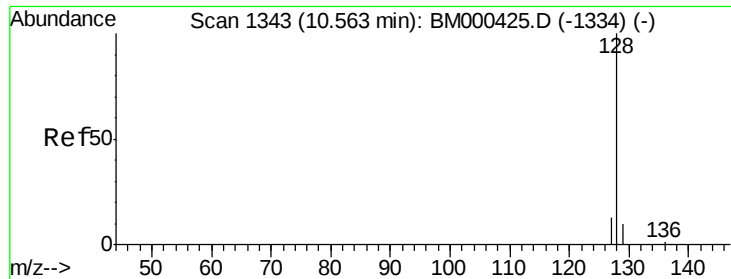
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
Data File : BM000423.D
Acq On : 05 Feb 2015 10:31
Operator : TP/IZ
Sample : SST0.174
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

Quant Time: Feb 05 13:10:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 05 12:58:49 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.10 ng/ul

RT: 10.56 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

Instrument :

BNA_M

ClientSampleId :

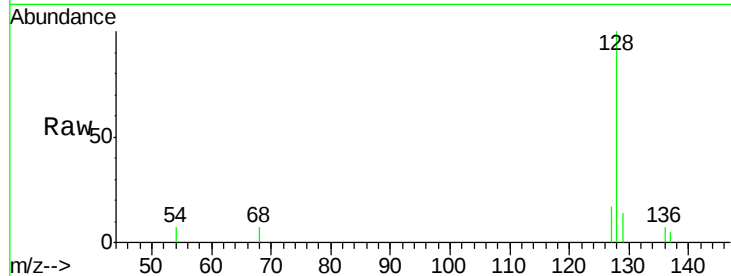
Tgt Ion:128 Resp: 2050

Ion Ratio Lower Upper

128 100

129 13.6 9.2 13.8

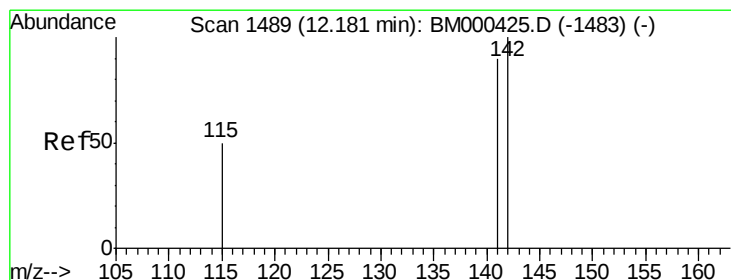
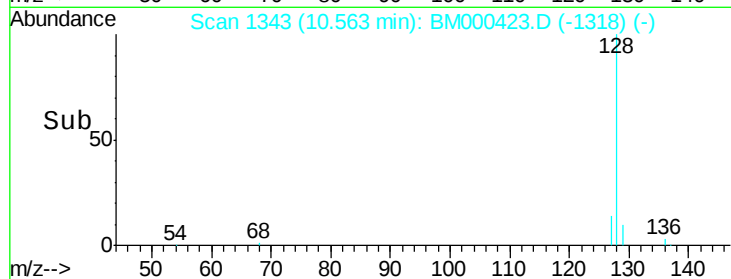
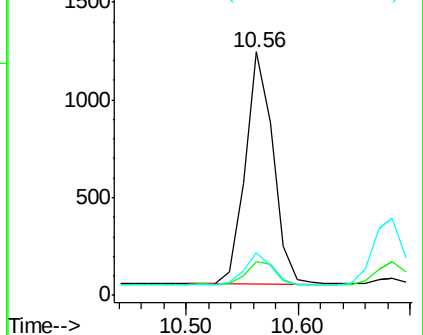
127 17.4 11.4 17.0#



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: 0.11 ng/ul

RT: 12.18 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BM000423.D

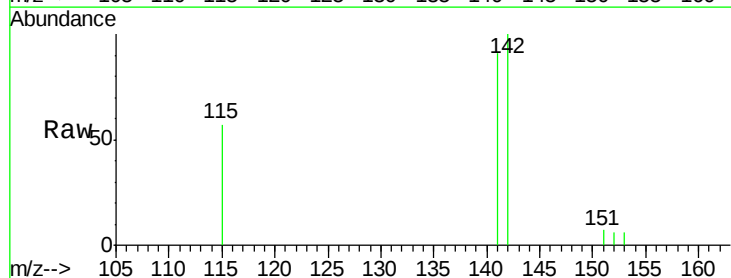
Acq: 05 Feb 2015 10:31

Tgt Ion:142 Resp: 1498

Ion Ratio Lower Upper

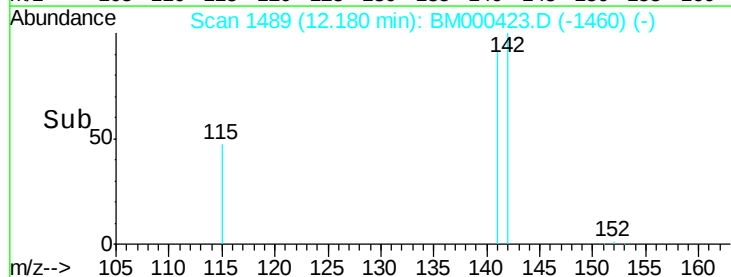
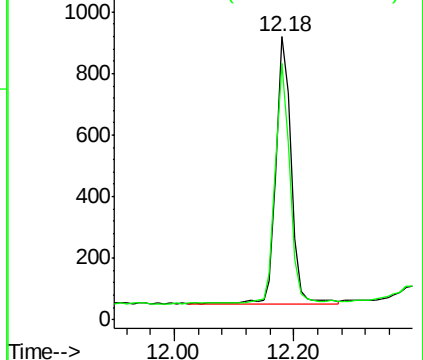
142 100

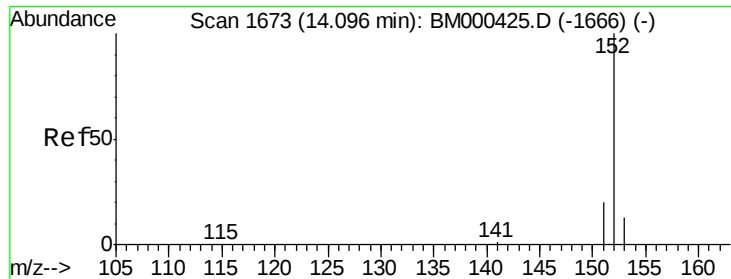
141 87.2 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.10 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

Instrument :

BNA_M

ClientSampleId :

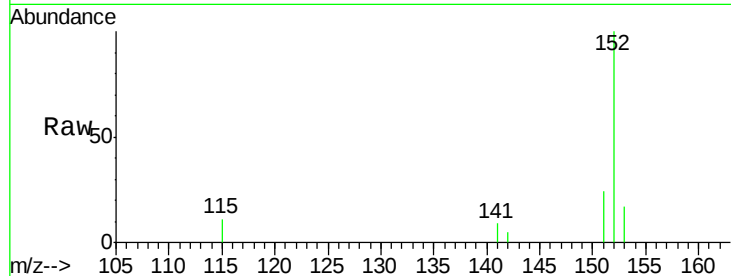
Tgt Ion:152 Resp: 2022

Ion Ratio Lower Upper

152 100

151 24.2 16.6 25.0

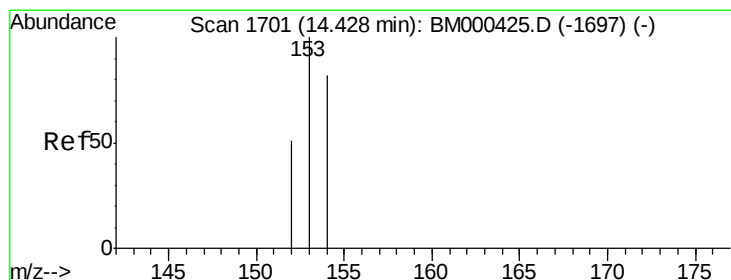
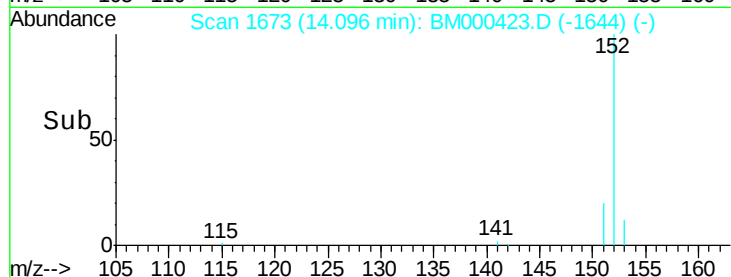
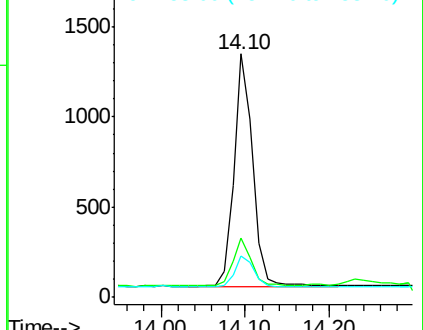
153 17.2 11.2 16.8#



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: 0.10 ng/ul

RT: 14.43 min Scan# 1701

Delta R.T. -0.00 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

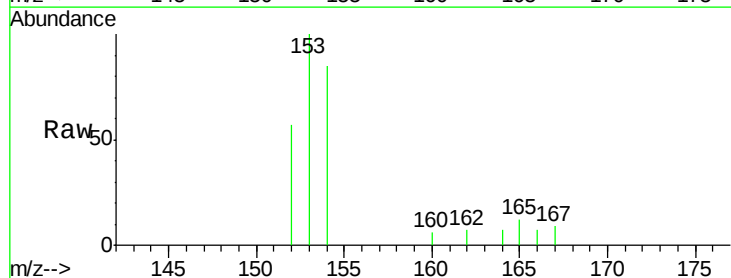
Tgt Ion:153 Resp: 1504

Ion Ratio Lower Upper

153 100

152 57.4 41.8 62.8

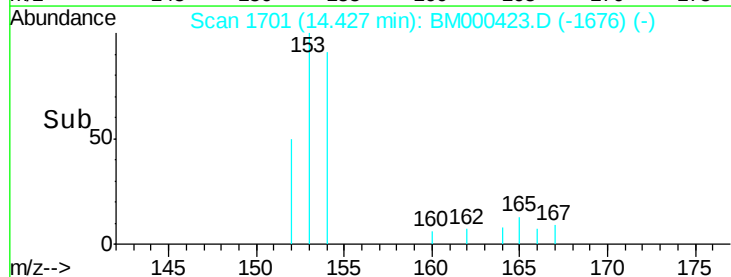
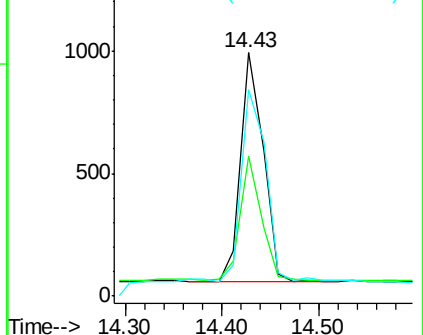
154 84.9 65.6 98.4

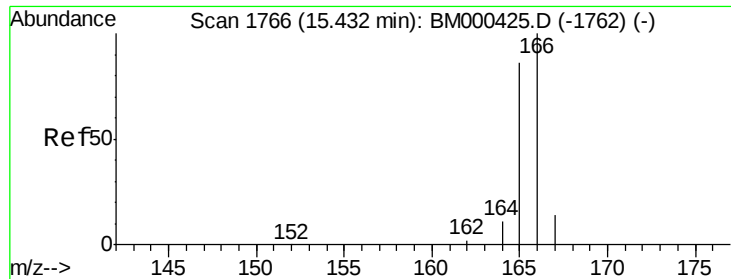


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.10 ng/ul

RT: 15.43 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

Instrument :

BNA_M

ClientSampleId :

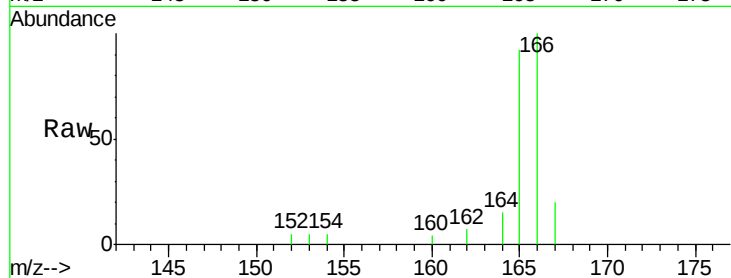
Tgt Ion:166 Resp: 1806

Ion Ratio Lower Upper

166 100

165 92.2 69.4 104.0

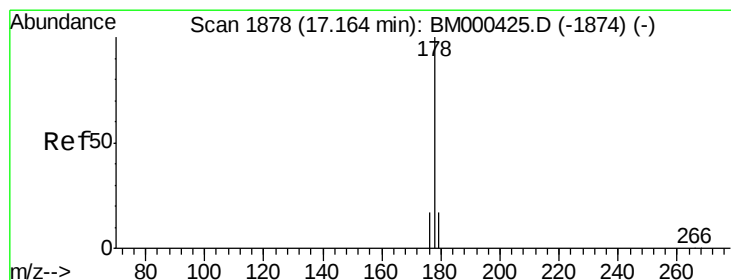
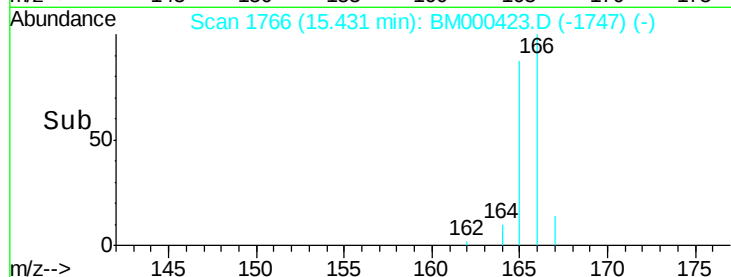
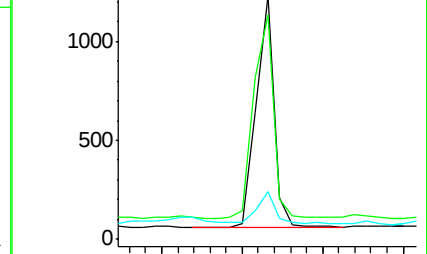
167 19.8 12.4 18.6#



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: 0.10 ng/ul

RT: 17.16 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

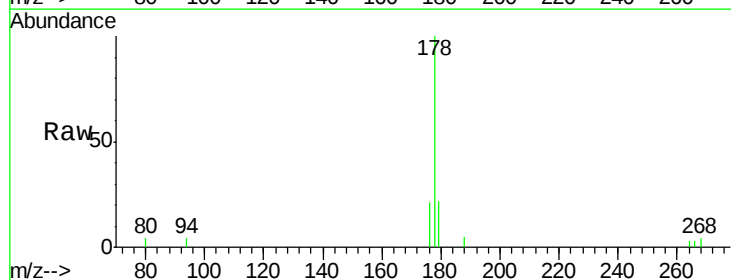
Tgt Ion:178 Resp: 2850

Ion Ratio Lower Upper

178 100

176 20.9 14.3 21.5

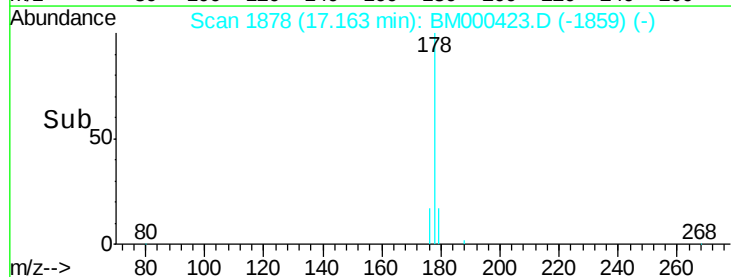
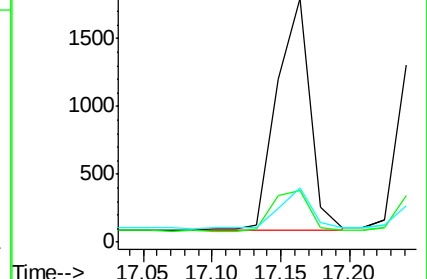
179 22.0 14.4 21.6#

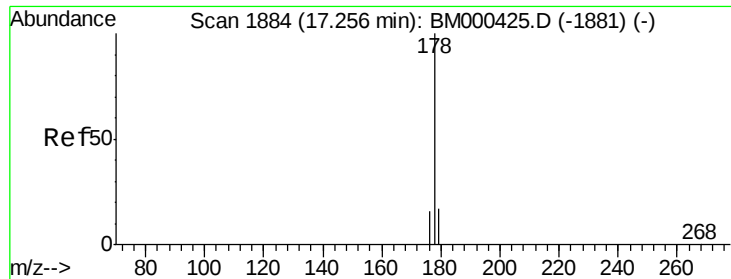


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#13

Anthracene

Concen: 0.11 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

Instrument :

BNA_M

ClientSampleId :

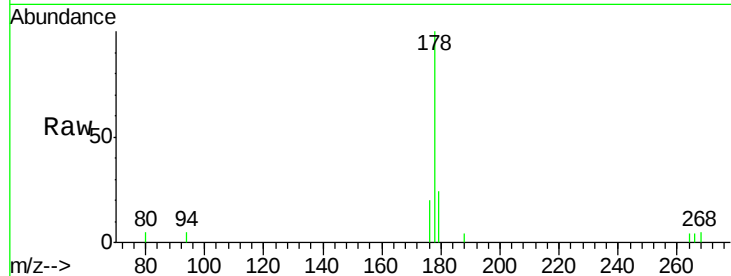
Tgt Ion:178 Resp: 2646

Ion Ratio Lower Upper

178 100

176 20.3 13.8 20.8

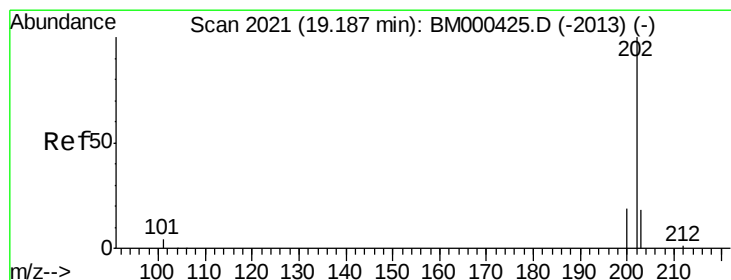
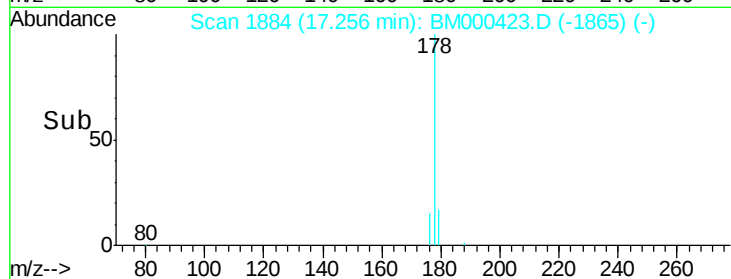
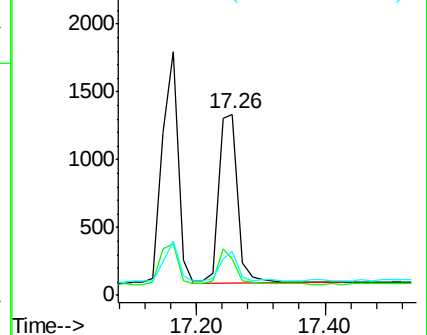
179 24.1 14.8 22.2#



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: 0.10 ng/ul

RT: 19.19 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

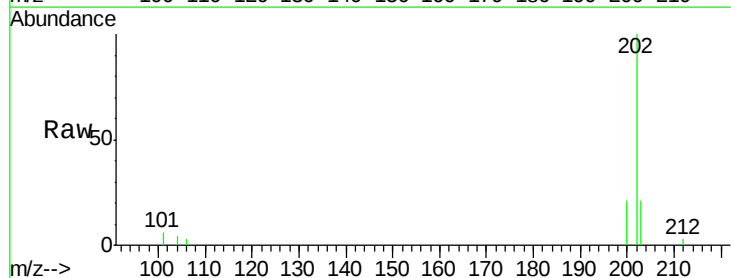
Tgt Ion:202 Resp: 3120

Ion Ratio Lower Upper

202 100

101 6.4 0.0 24.6

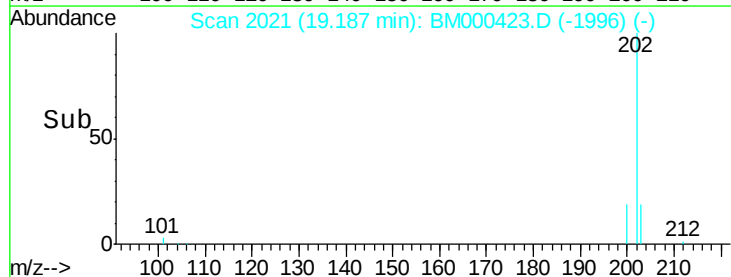
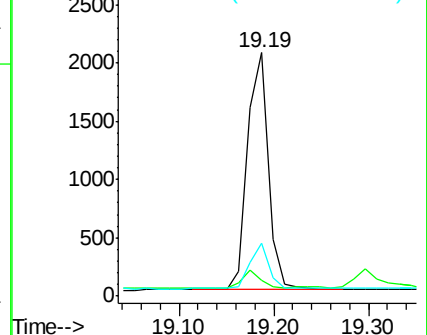
203 21.5 0.0 38.9

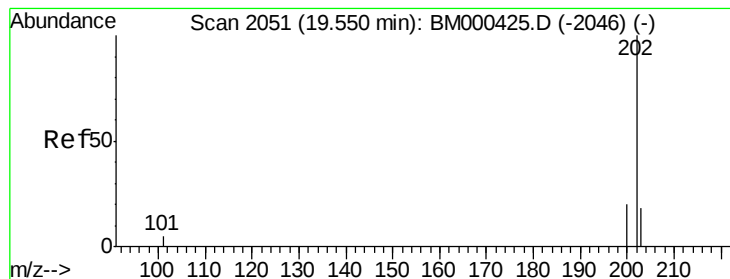


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 0.10 ng/ul

RT: 19.55 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

Instrument :

BNA_M

ClientSampleId :

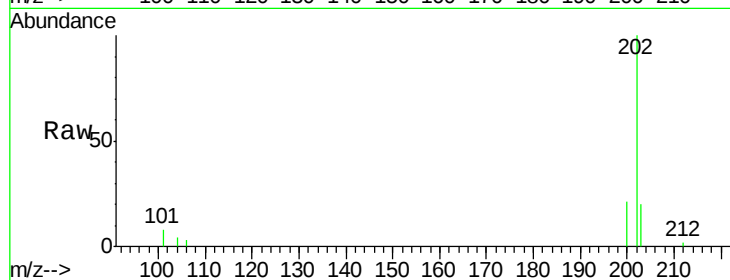
Tgt Ion:202 Resp: 3275

Ion Ratio Lower Upper

202 100

200 21.4 16.3 24.5

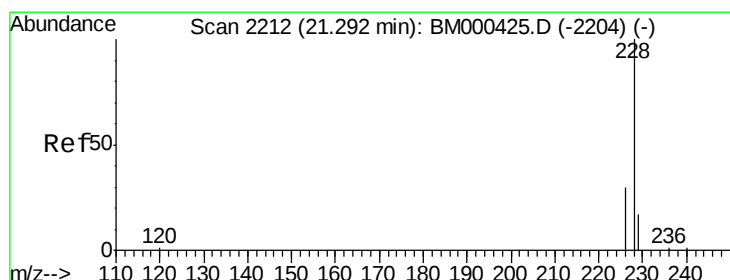
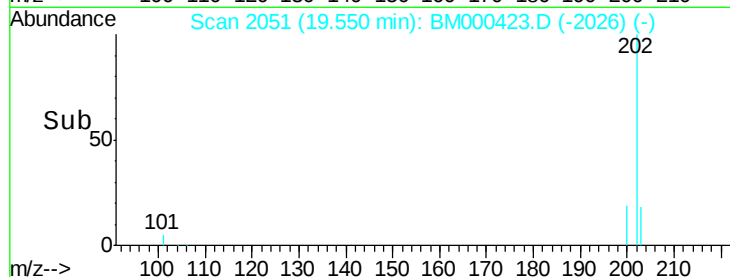
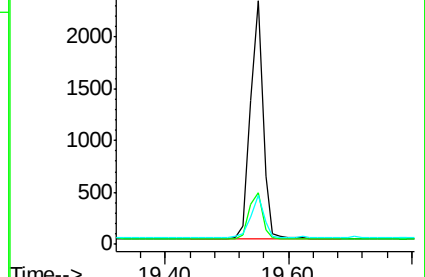
203 20.2 14.7 22.1



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: 0.11 ng/ul

RT: 21.29 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

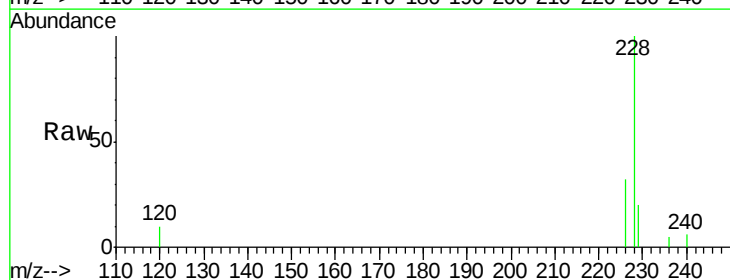
Tgt Ion:228 Resp: 2642

Ion Ratio Lower Upper

228 100

226 32.1 24.5 36.7

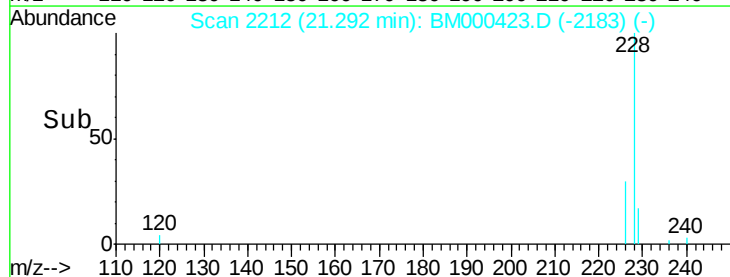
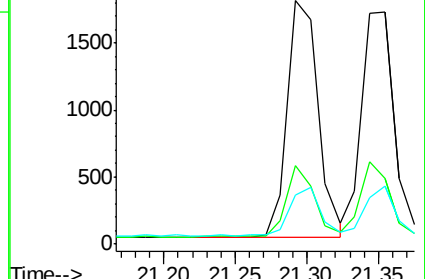
229 20.0 14.0 21.0

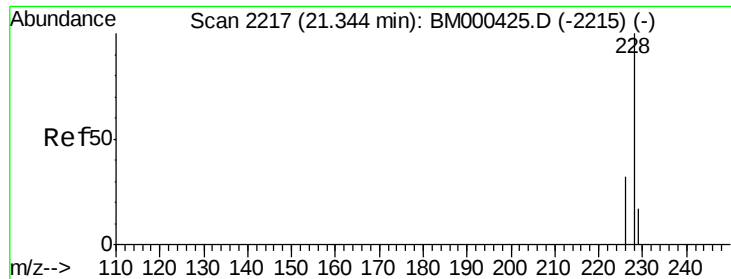


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.10 ng/ul m

RT: 21.35 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

Instrument :

BNA_M

ClientSampleId :

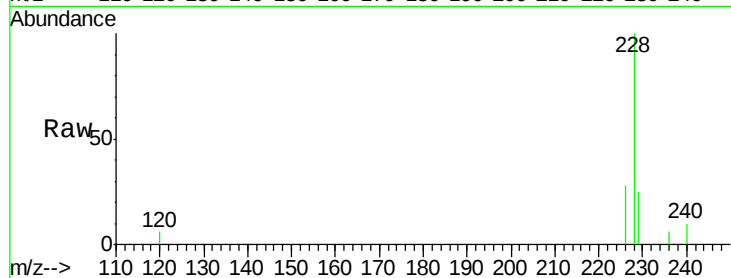
Tgt Ion:228 Resp: 2794

Ion Ratio Lower Upper

228 100

226 28.3 26.2 39.4

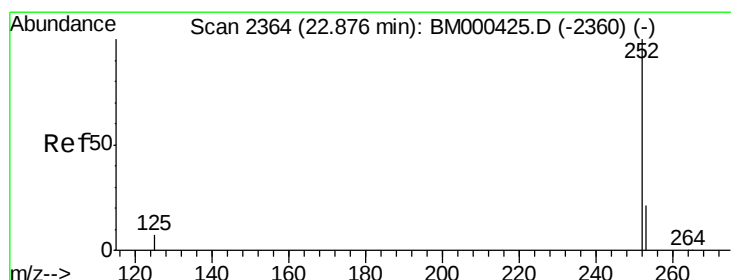
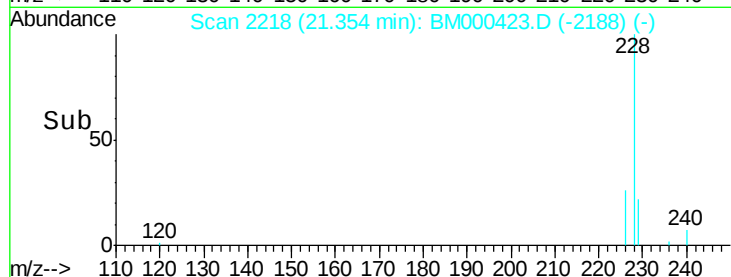
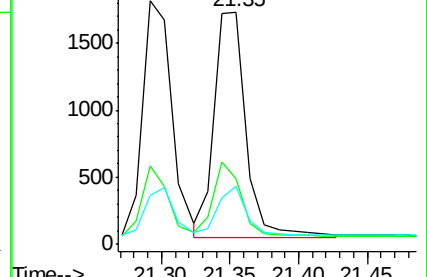
229 24.8 14.6 22.0#



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: 0.11 ng/ul

RT: 22.88 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

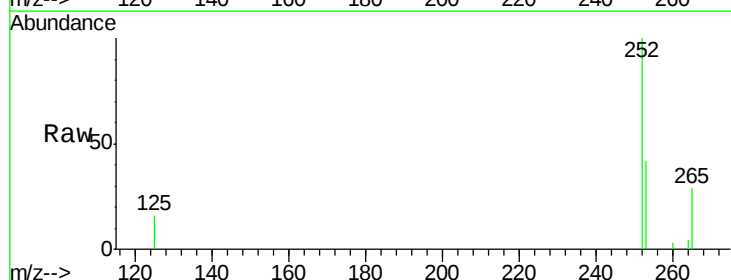
Tgt Ion:252 Resp: 2849

Ion Ratio Lower Upper

252 100

253 42.0 0.0 53.8

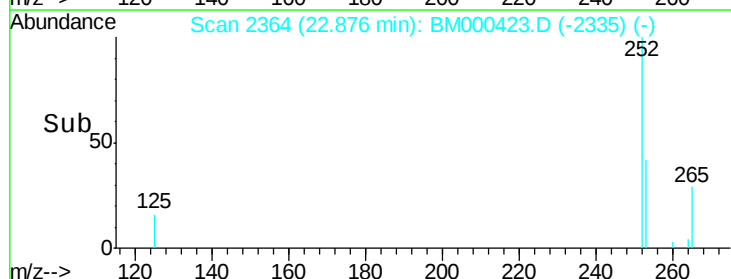
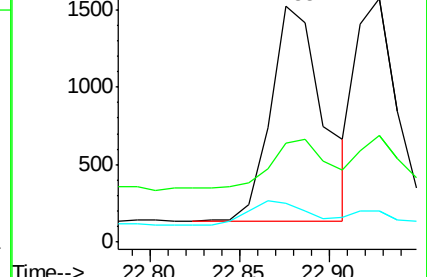
125 16.4 0.0 18.0

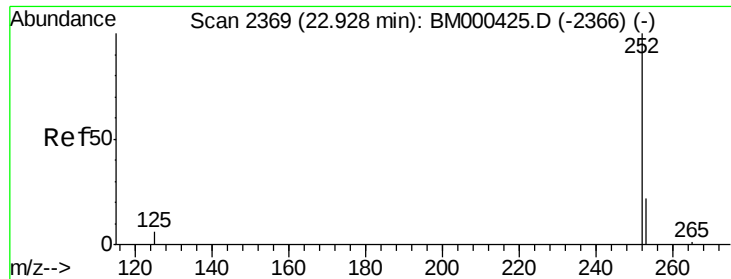


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.09 ng/ul

RT: 22.93 min Scan# 2369

Delta R.T. -0.00 min

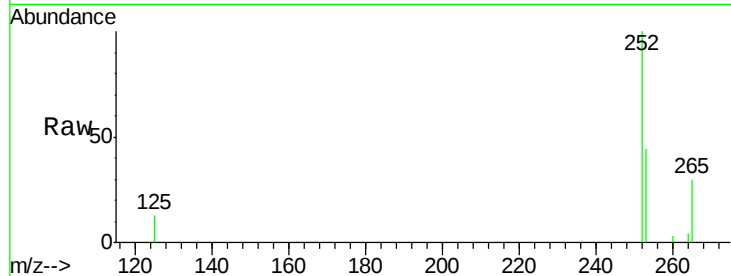
Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

Instrument :

BNA_M

ClientSampleId :



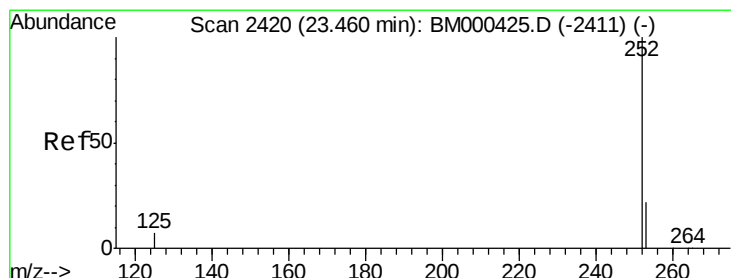
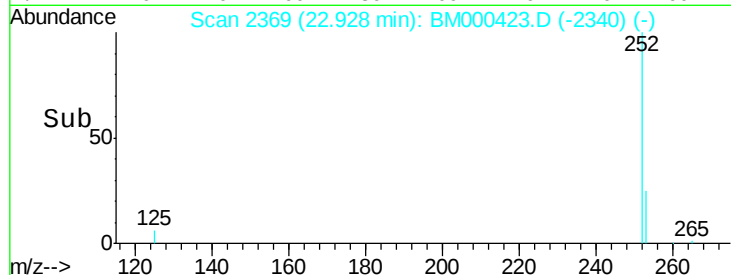
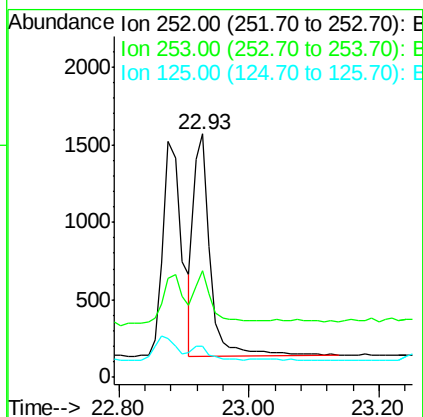
Tgt Ion:252 Resp: 2559

Ion Ratio Lower Upper

252 100

253 44.0 23.3 34.9#

125 13.0 6.2 9.4#



#23

Benzo(a)pyrene

Concen: 0.11 ng/ul

RT: 23.46 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

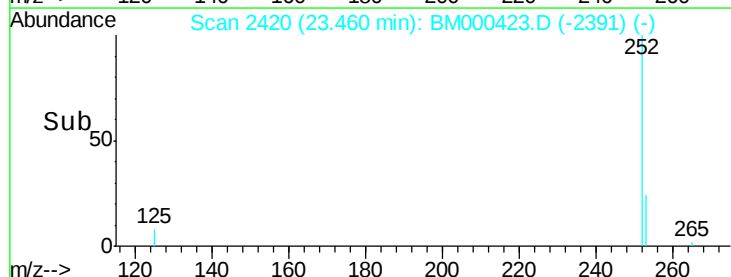
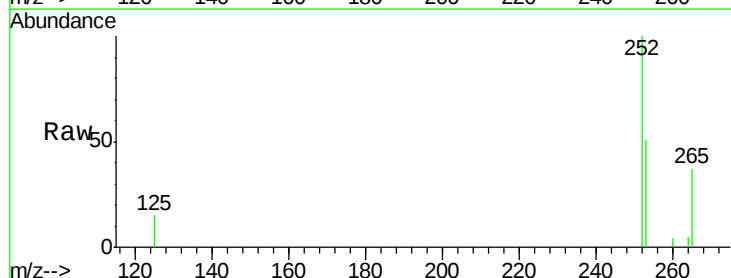
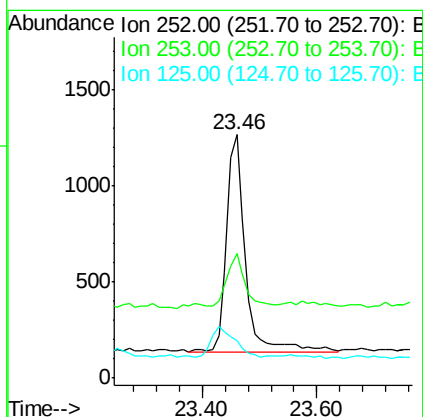
Tgt Ion:252 Resp: 2594

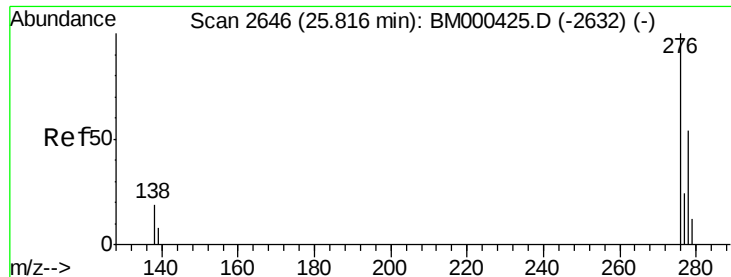
Ion Ratio Lower Upper

252 100

253 50.9 24.0 36.0#

125 15.4 7.4 11.0#

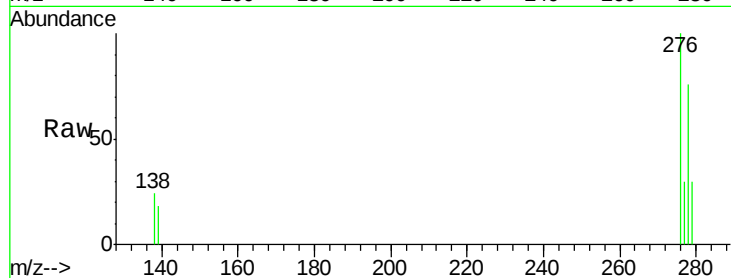




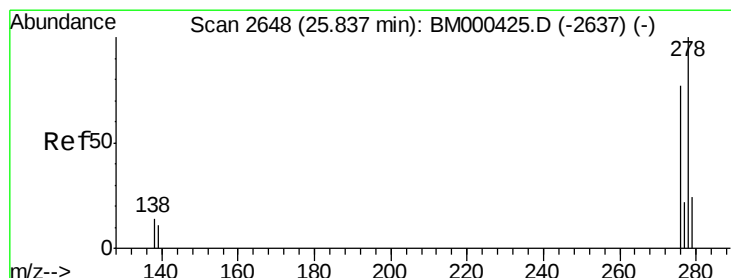
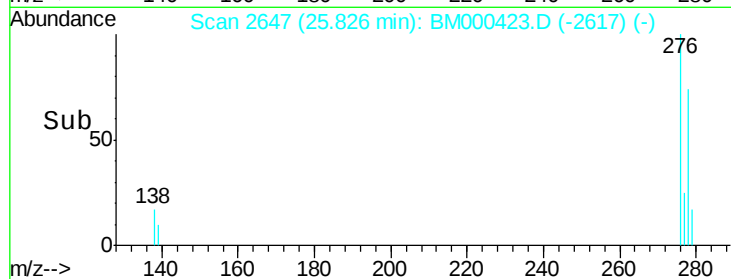
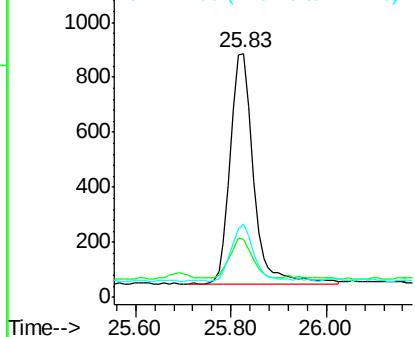
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.11 ng/ul
 RT: 25.83 min Scan# 2647
 Delta R.T. 0.01 min
 Lab File: BM000423.D
 Acq: 05 Feb 2015 10:31

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:276 Resp: 2831
 Ion Ratio Lower Upper
 276 100
 138 16.2 15.0 22.4
 277 23.6 19.8 29.8

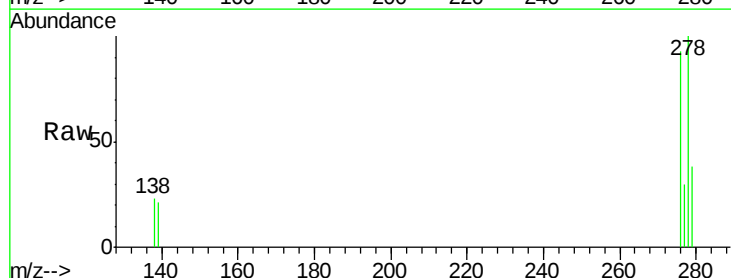


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

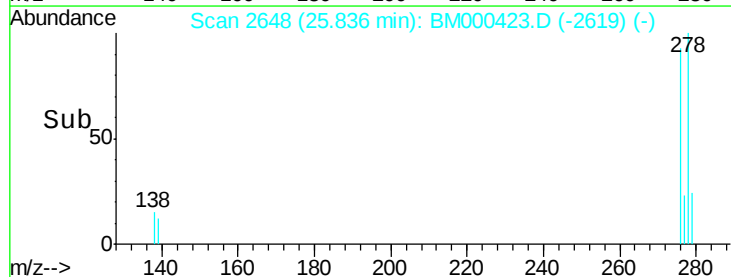
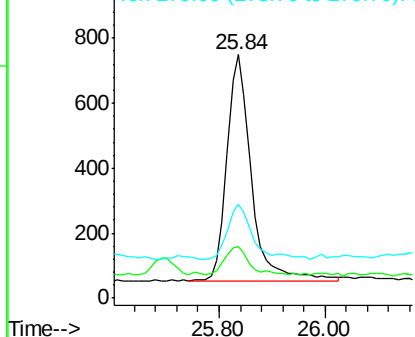


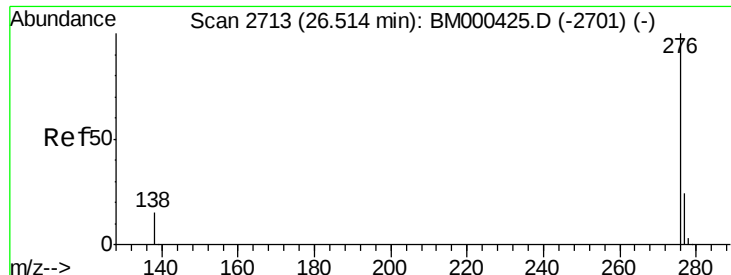
#25
 Dibenzo(a,h)anthracene
 Concen: 0.11 ng/ul
 RT: 25.84 min Scan# 2648
 Delta R.T. -0.00 min
 Lab File: BM000423.D
 Acq: 05 Feb 2015 10:31

Tgt Ion:278 Resp: 2213
 Ion Ratio Lower Upper
 278 100
 139 21.2 10.9 16.3#
 279 38.5 22.3 33.5#



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: 0.12 ng/ul

RT: 26.51 min Scan# 2713

Delta R.T. -0.00 min

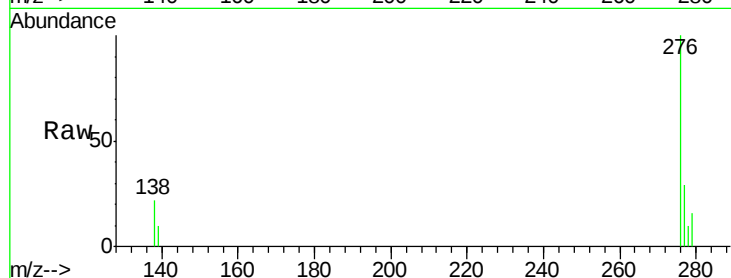
Lab File: BM000423.D

Acq: 05 Feb 2015 10:31

Instrument :

BNA_M

ClientSampleId :



Tgt Ion: 276 Resp: 2486

Ion Ratio Lower Upper

276 100

277 29.3 20.6 30.8

138 22.3 13.9 20.9#

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

