

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
 Data File : BM000430.D
 Acq On : 05 Feb 2015 15:38
 Operator : TP/IZ
 Sample : G1147-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1G08

Quant Time: Feb 06 08:58:50 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 14:01:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1943	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	6400	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4123	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	7921	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	7192	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	6230	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	5970	0.70	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	12965	0.75	ng/ul	0.00

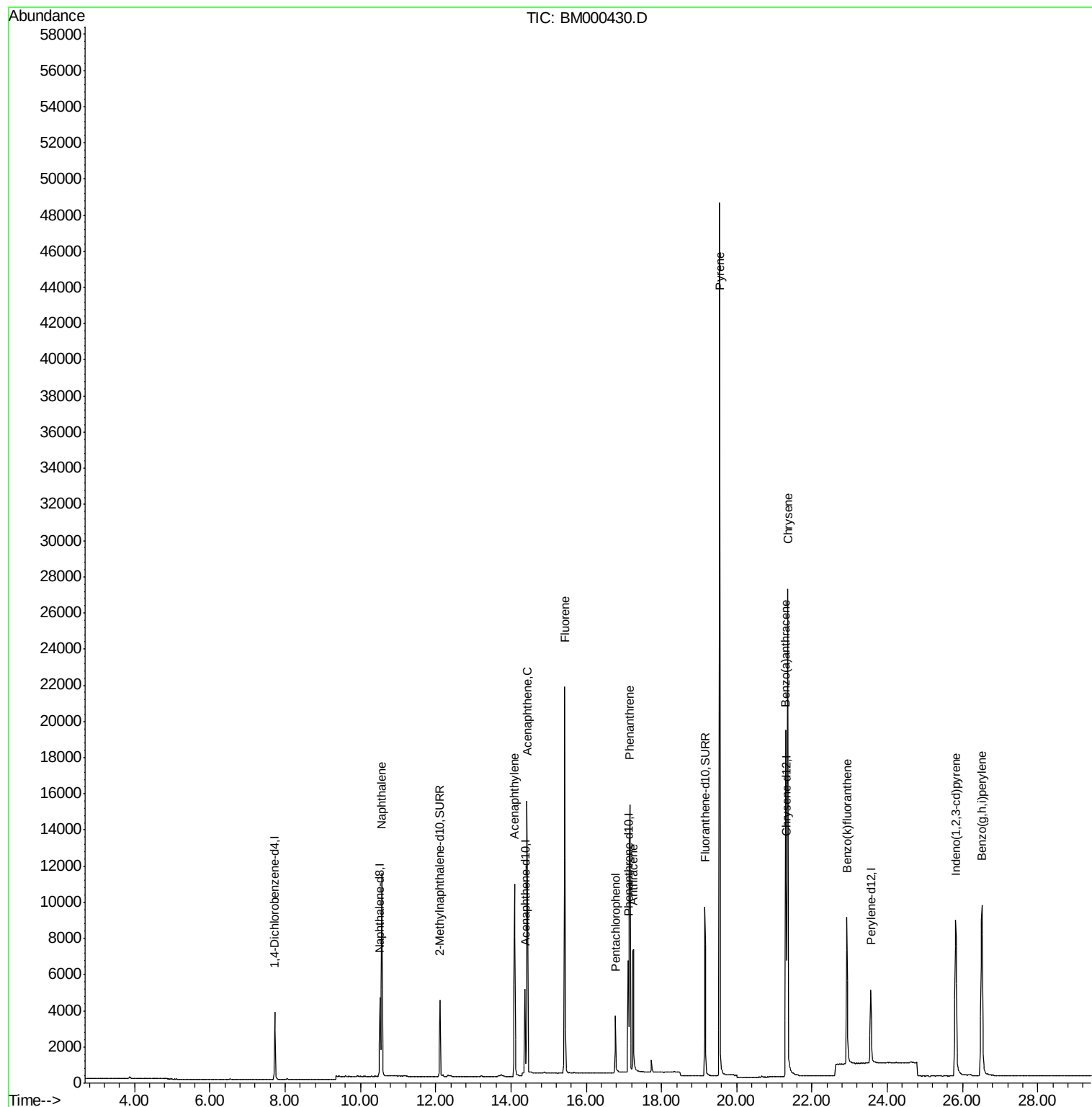
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	15780	0.97	ng/ul	99
7) Acenaphthylene	14.10	152	13333	0.78	ng/ul	98
8) Acenaphthene	14.43	153	10240	0.80	ng/ul	99
9) Fluorene	15.43	166	15240	1.00	ng/ul	97
11) Pentachlorophenol	16.78	266	2511	1.36	ng/ul	100
12) Phenanthrene	17.16	178	19301	0.85	ng/ul	99
13) Anthracene	17.26	178	11137	0.53	ng/ul	100
17) Pyrene	19.55	202	46823	1.70	ng/ul	98
18) Benzo(a)anthracene	21.29	228	18828	0.83	ng/ul	99
19) Chrysene	21.35	228	28855	1.18	ng/ul	90
22) Benzo(k)fluoranthene	22.93	252	12340	0.56	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.82	276	18885	0.79	ng/ul#	94
26) Benzo(g,h,i)perylene	26.51	276	21272	1.02	ng/ul	98

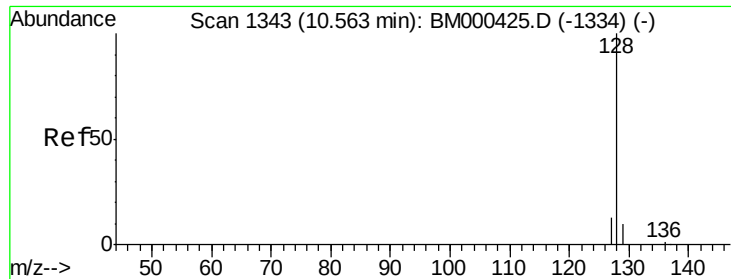
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.97 ng/ul

RT: 10.56 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM000430.D

Acq: 05 Feb 2015 15:38

Instrument :

BNA_M

ClientSampleId :

X1G08

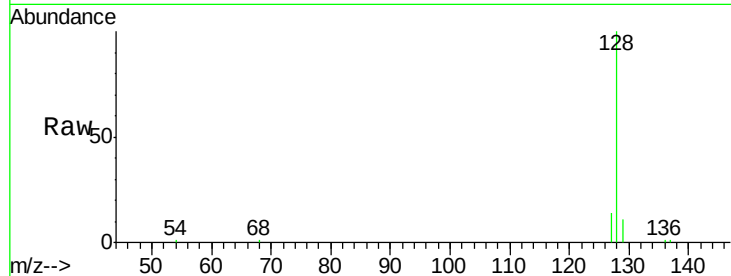
Tgt Ion:128 Resp: 15780

Ion Ratio Lower Upper

128 100

129 10.9 9.2 13.8

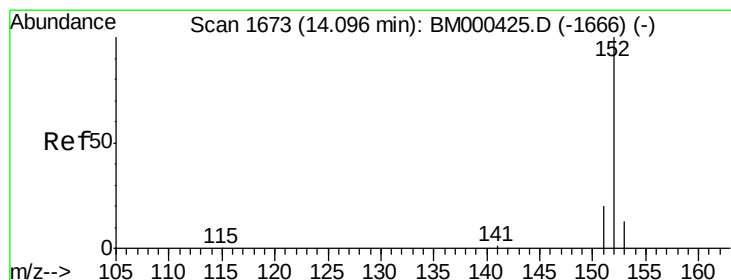
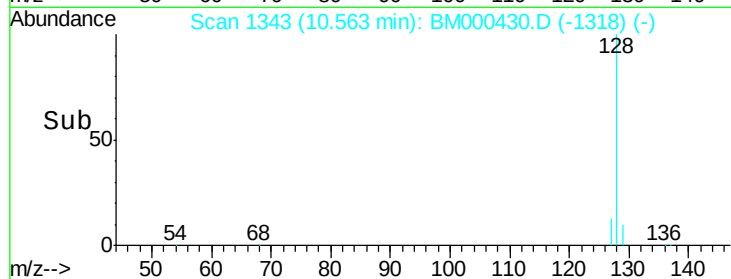
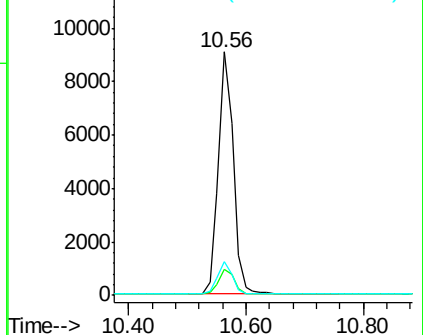
127 13.7 11.4 17.0



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



#7

Acenaphthylene

Concen: 0.78 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BM000430.D

Acq: 05 Feb 2015 15:38

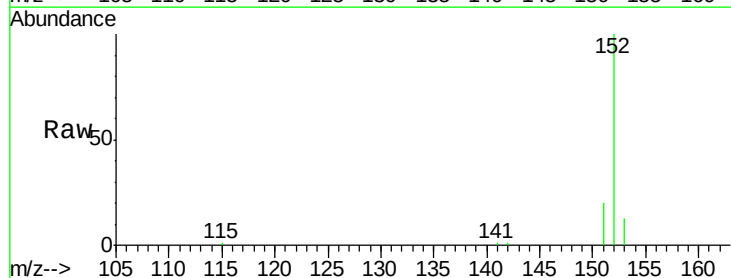
Tgt Ion:152 Resp: 13333

Ion Ratio Lower Upper

152 100

151 20.2 16.6 25.0

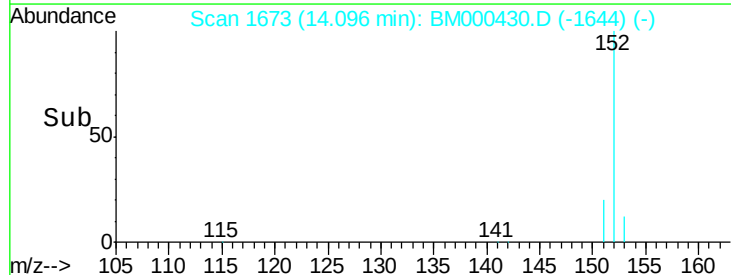
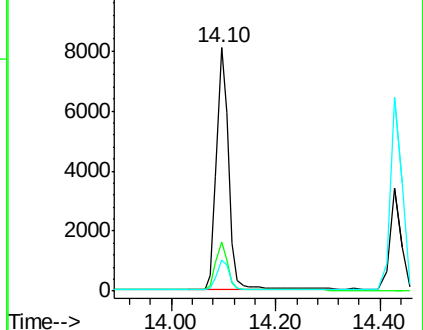
153 12.8 11.2 16.8

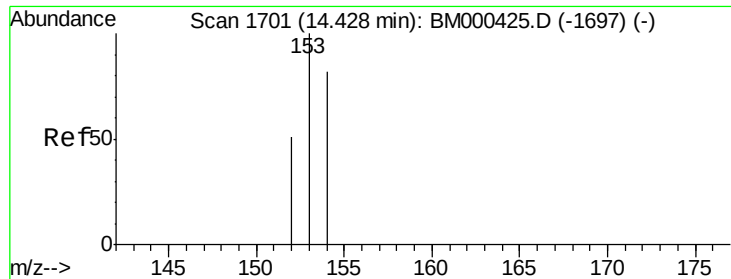


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.80 ng/ul

RT: 14.43 min Scan# 1701

Delta R.T. -0.00 min

Lab File: BM000430.D

Acq: 05 Feb 2015 15:38

Instrument :

BNA_M

ClientSampleId :

X1G08

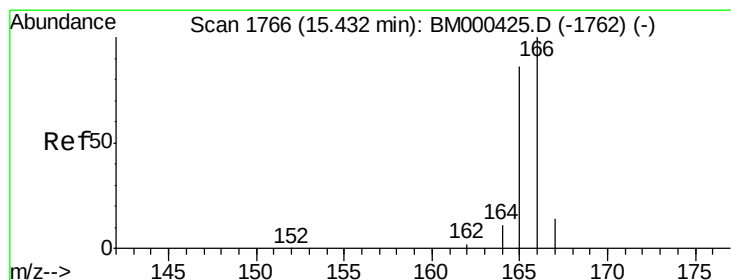
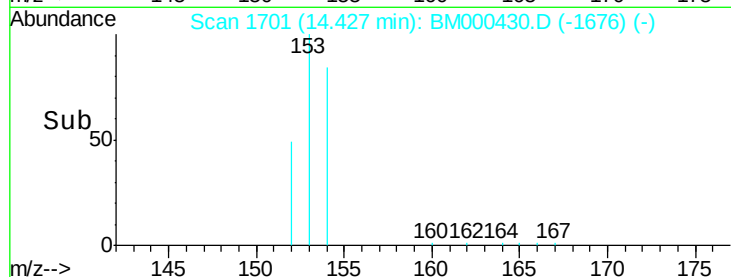
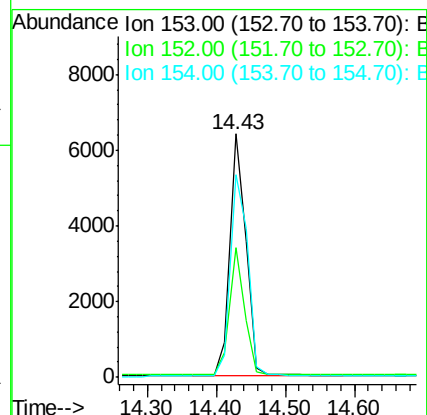
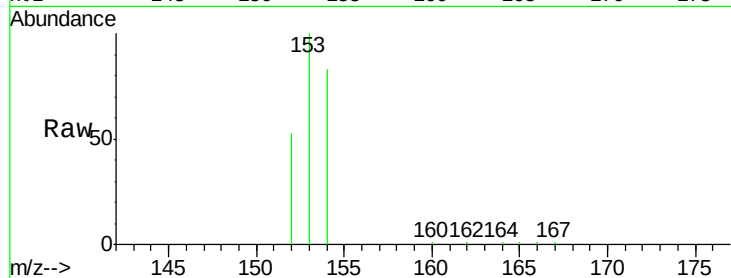
Tgt Ion:153 Resp: 10240

Ion Ratio Lower Upper

153 100

152 53.4 41.8 62.8

154 83.2 65.6 98.4



#9

Fluorene

Concen: 1.00 ng/ul

RT: 15.43 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BM000430.D

Acq: 05 Feb 2015 15:38

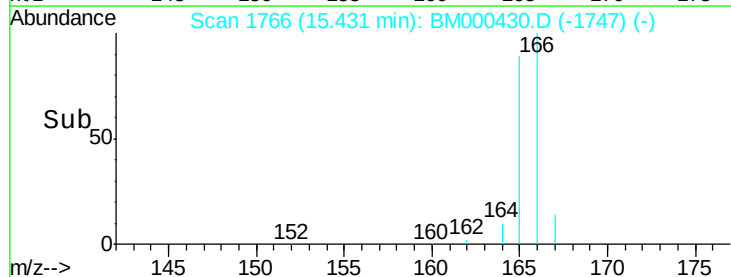
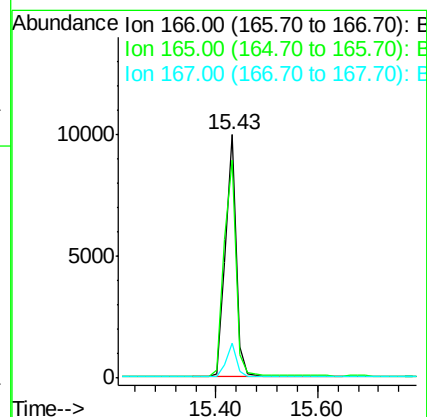
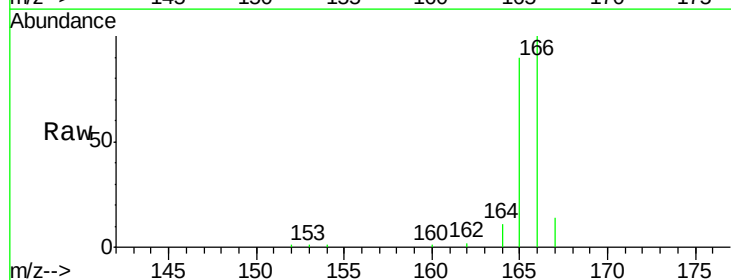
Tgt Ion:166 Resp: 15240

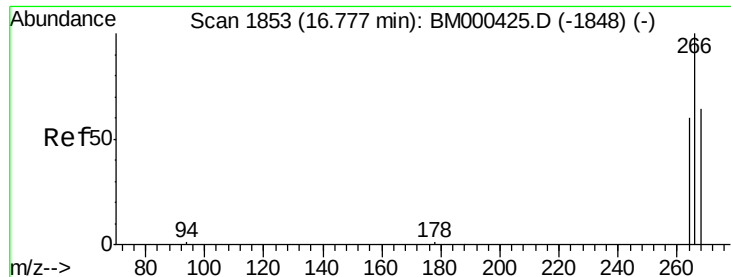
Ion Ratio Lower Upper

166 100

165 89.7 69.4 104.0

167 14.3 12.4 18.6

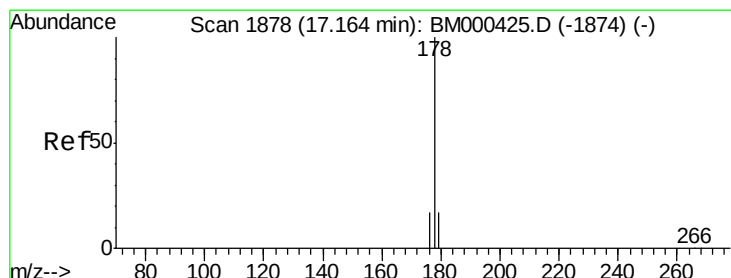
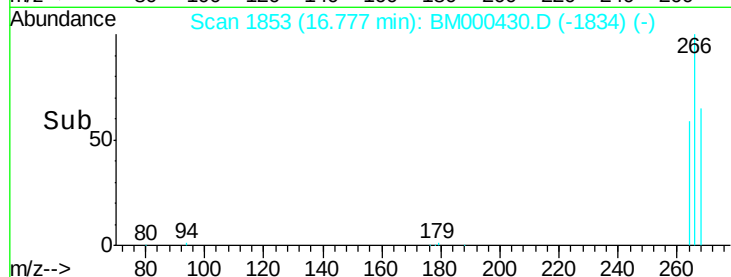
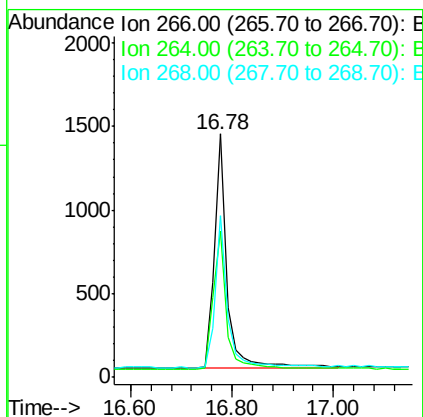
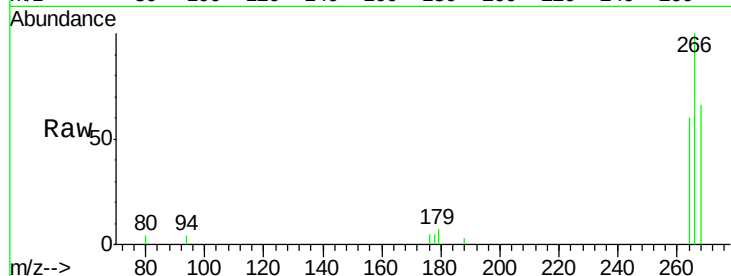




#11
 Pentachlorophenol
 Concen: 1.36 ng/ul
 RT: 16.78 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BM000430.D
 Acq: 05 Feb 2015 15:38

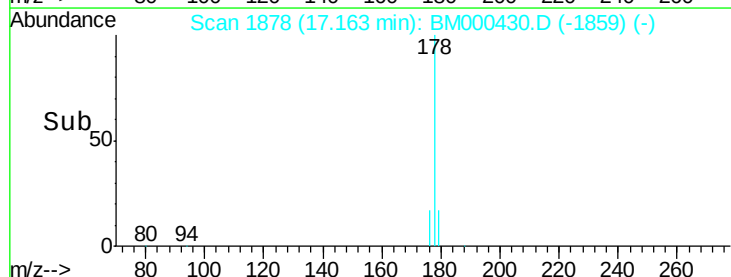
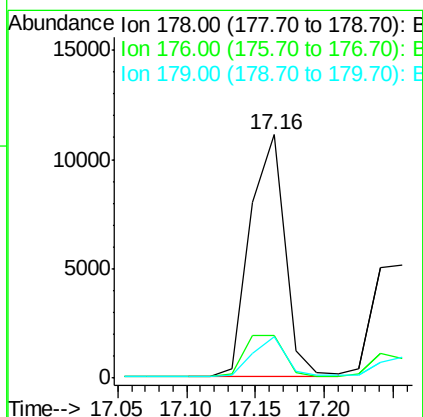
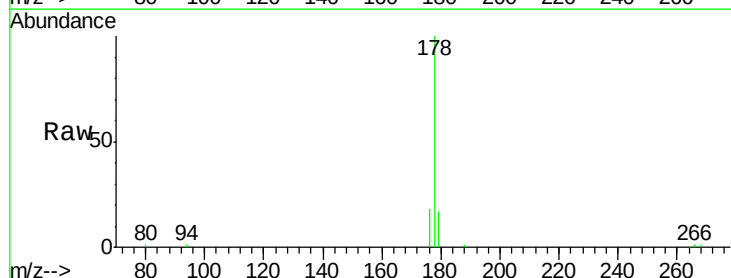
Instrument :
 BNA_M
 ClientSampleId :
 X1G08

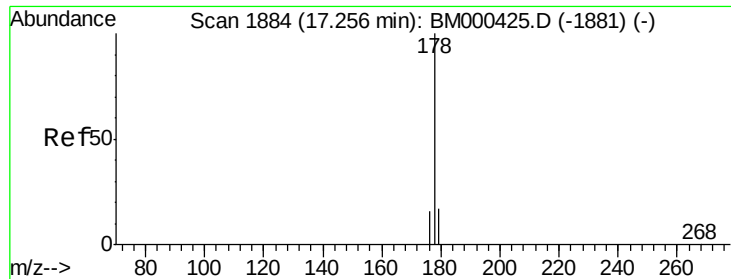
Tgt Ion: 266 Resp: 2511
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.8 74.8
 268 61.4 49.4 74.0



#12
 Phenanthrene
 Concen: 0.85 ng/ul
 RT: 17.16 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BM000430.D
 Acq: 05 Feb 2015 15:38

Tgt Ion: 178 Resp: 19301
 Ion Ratio Lower Upper
 178 100
 176 17.6 14.3 21.5
 179 17.2 14.4 21.6





#13

Anthracene

Concen: 0.53 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM000430.D

Acq: 05 Feb 2015 15:38

Instrument :

BNA_M

ClientSampleId :

X1G08

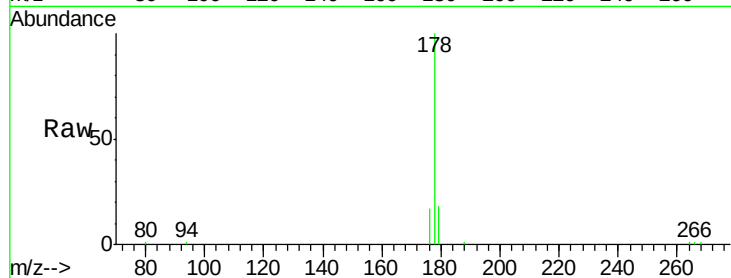
Tgt Ion:178 Resp: 11137

Ion Ratio Lower Upper

178 100

176 17.3 13.8 20.8

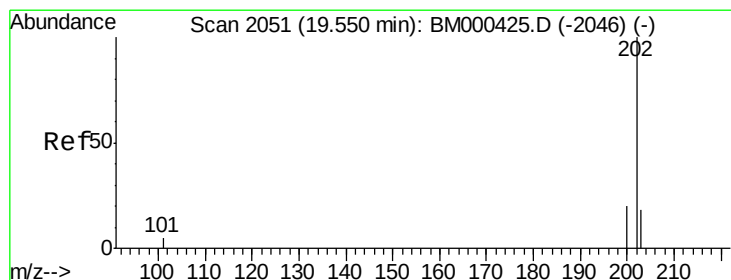
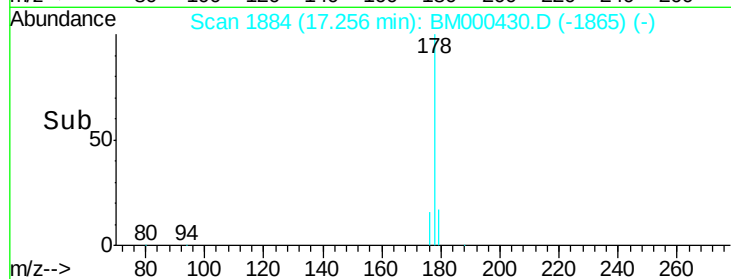
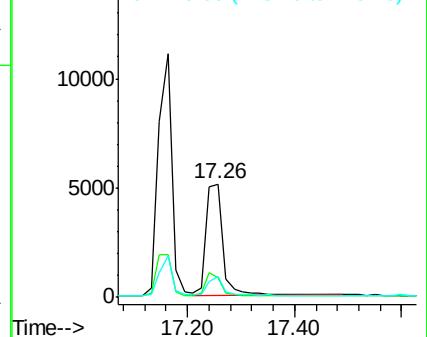
179 18.5 14.8 22.2



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



#17

Pyrene

Concen: 1.70 ng/ul

RT: 19.55 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BM000430.D

Acq: 05 Feb 2015 15:38

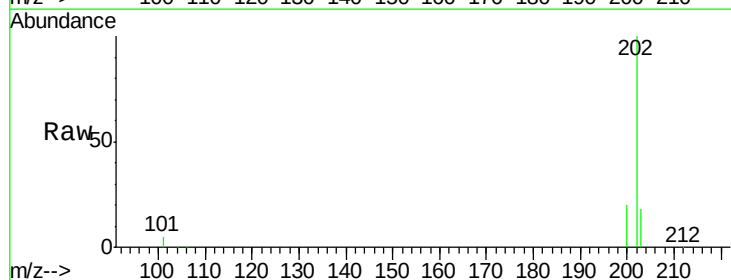
Tgt Ion:202 Resp: 46823

Ion Ratio Lower Upper

202 100

200 19.6 16.3 24.5

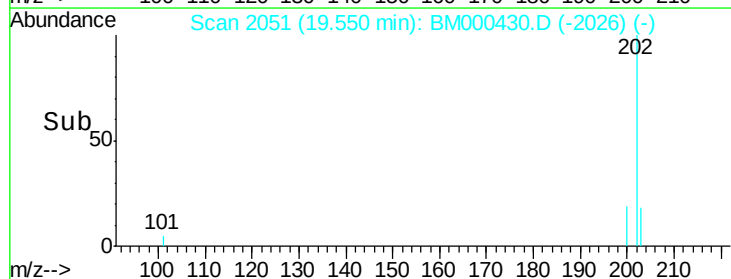
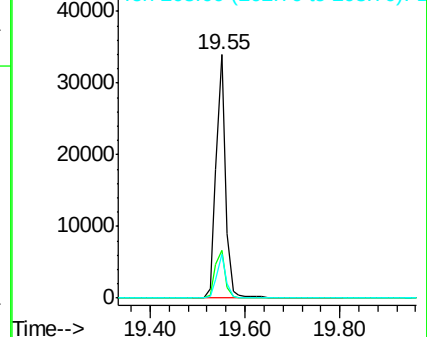
203 17.8 14.7 22.1

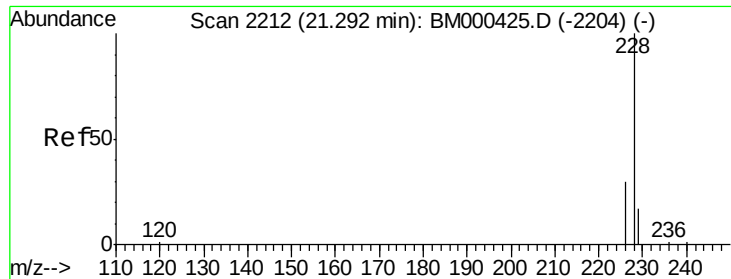


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.83 ng/ul

RT: 21.29 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BM000430.D

Acq: 05 Feb 2015 15:38

Instrument :

BNA_M

ClientSampleId :

X1G08

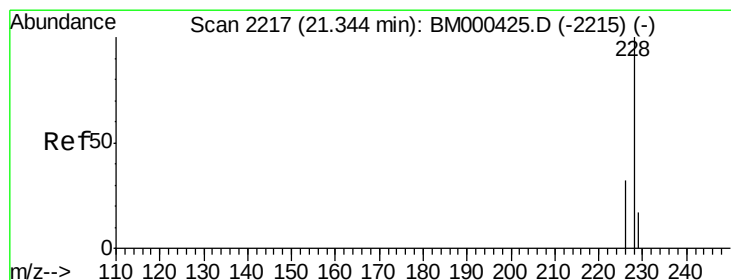
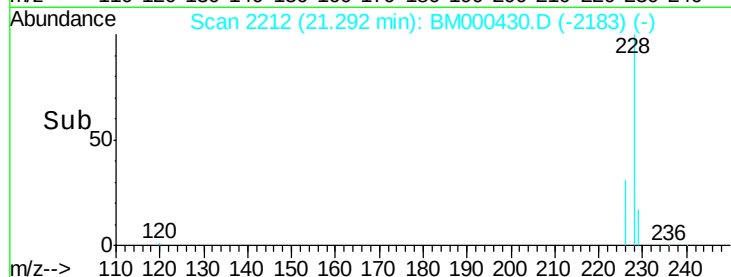
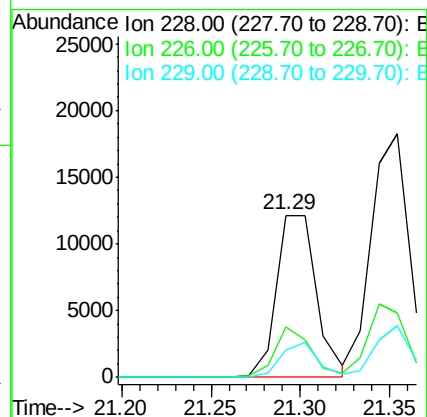
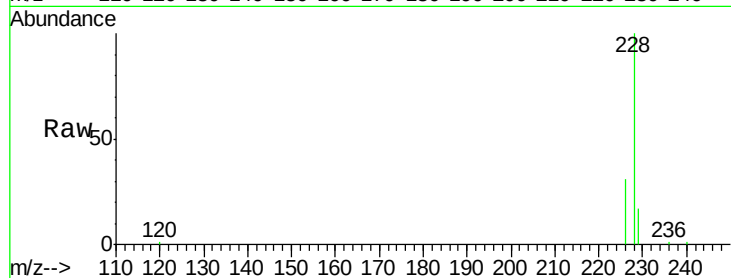
Tgt Ion:228 Resp: 18828

Ion Ratio Lower Upper

228 100

226 31.4 24.5 36.7

229 16.8 14.0 21.0



#19

Chrysene

Concen: 1.18 ng/ul

RT: 21.35 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BM000430.D

Acq: 05 Feb 2015 15:38

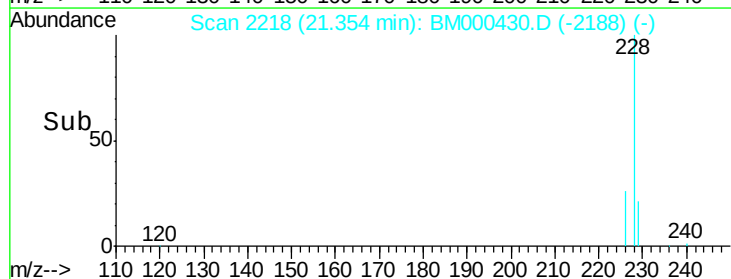
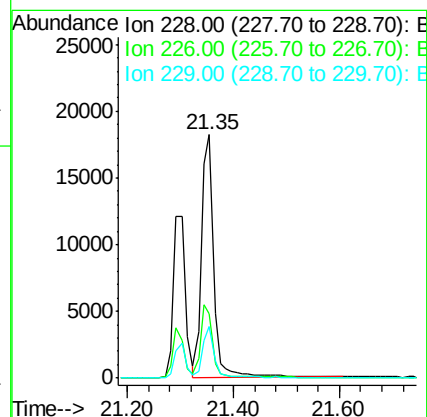
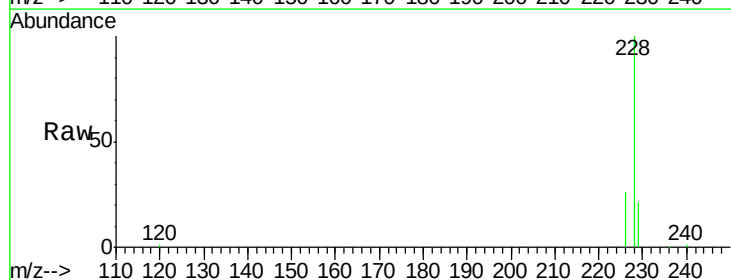
Tgt Ion:228 Resp: 28855

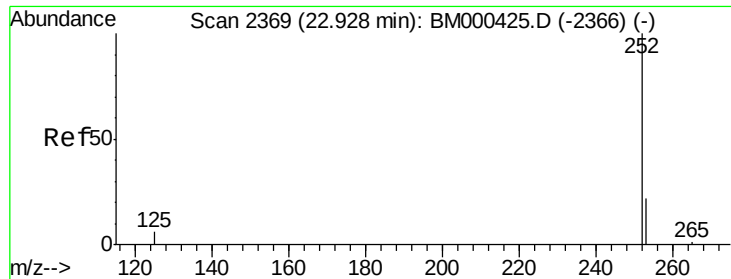
Ion Ratio Lower Upper

228 100

226 26.5 26.2 39.4

229 21.3 14.6 22.0





#22

Benzo(k)fluoranthene

Concen: 0.56 ng/ul

RT: 22.93 min Scan# 2369

Delta R.T. -0.00 min

Lab File: BM000430.D

Acq: 05 Feb 2015 15:38

Instrument :

BNA_M

ClientSampleId :

X1G08

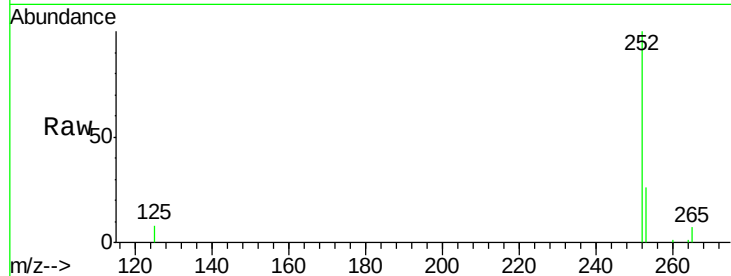
Tgt Ion:252 Resp: 12340

Ion Ratio Lower Upper

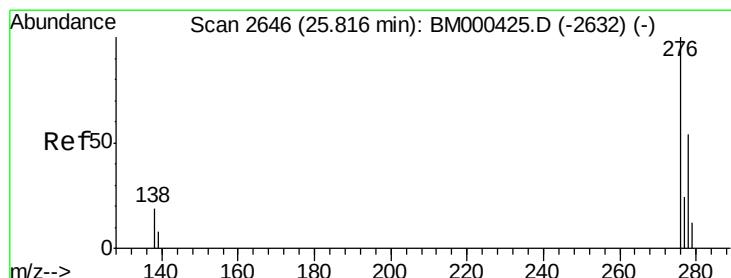
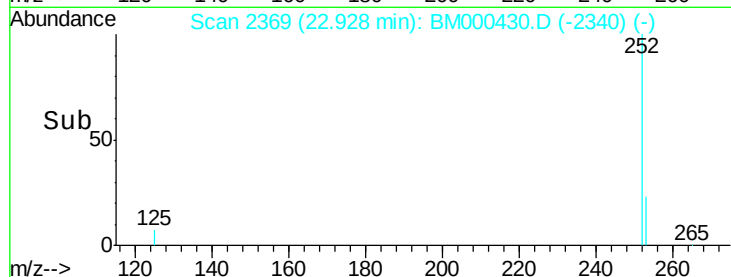
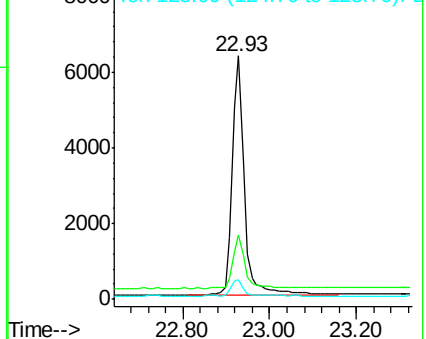
252 100

253 26.4 23.3 34.9

125 7.9 6.2 9.4



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: 0.79 ng/ul

RT: 25.82 min Scan# 2646

Delta R.T. -0.00 min

Lab File: BM000430.D

Acq: 05 Feb 2015 15:38

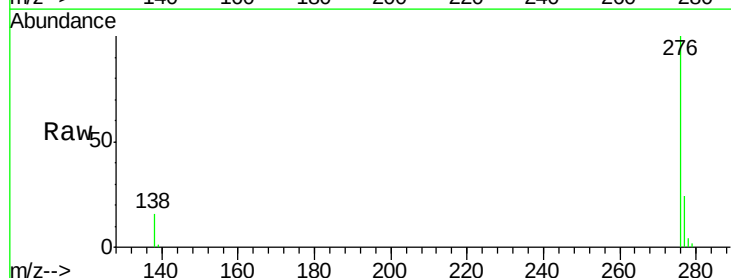
Tgt Ion:276 Resp: 18885

Ion Ratio Lower Upper

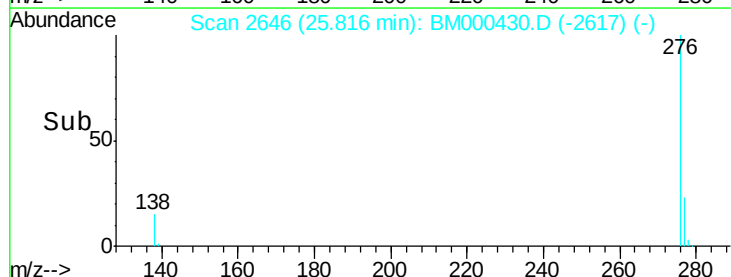
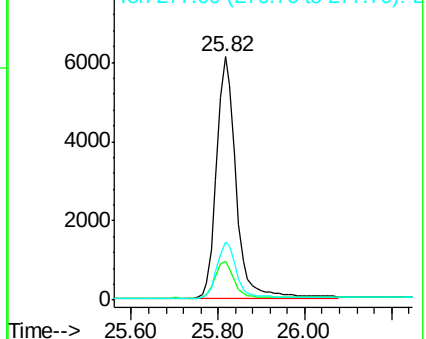
276 100

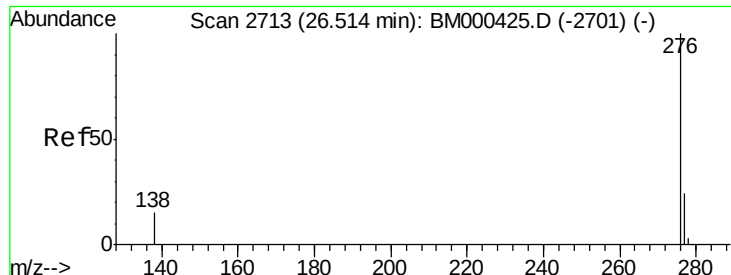
138 14.8 15.0 22.4#

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: 1.02 ng/ul

RT: 26.51 min Scan# 2713

Delta R.T. -0.00 min

Lab File: BM000430.D

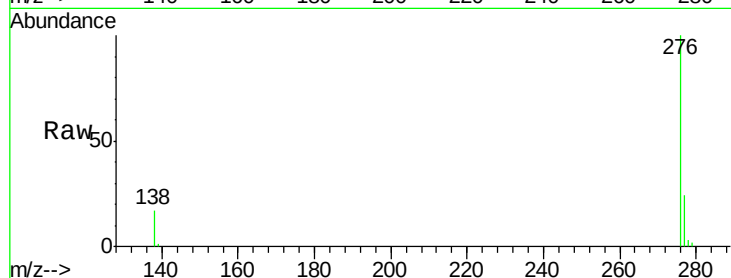
Acq: 05 Feb 2015 15:38

Instrument :

BNA_M

ClientSampleId :

X1G08



Tgt Ion: 276 Resp: 21272

Ion Ratio Lower Upper

276 100

277 24.4 20.6 30.8

138 16.8 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

