

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
 Data File : BM000424.D
 Acq On : 05 Feb 2015 11:07
 Operator : TP/IZ
 Sample : SSTD0.275
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 05 13:11:56 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	2174	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	6877	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4204	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	8752	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	7535	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	6744	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	1884	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	3970	0.21	ng/ul	0.00

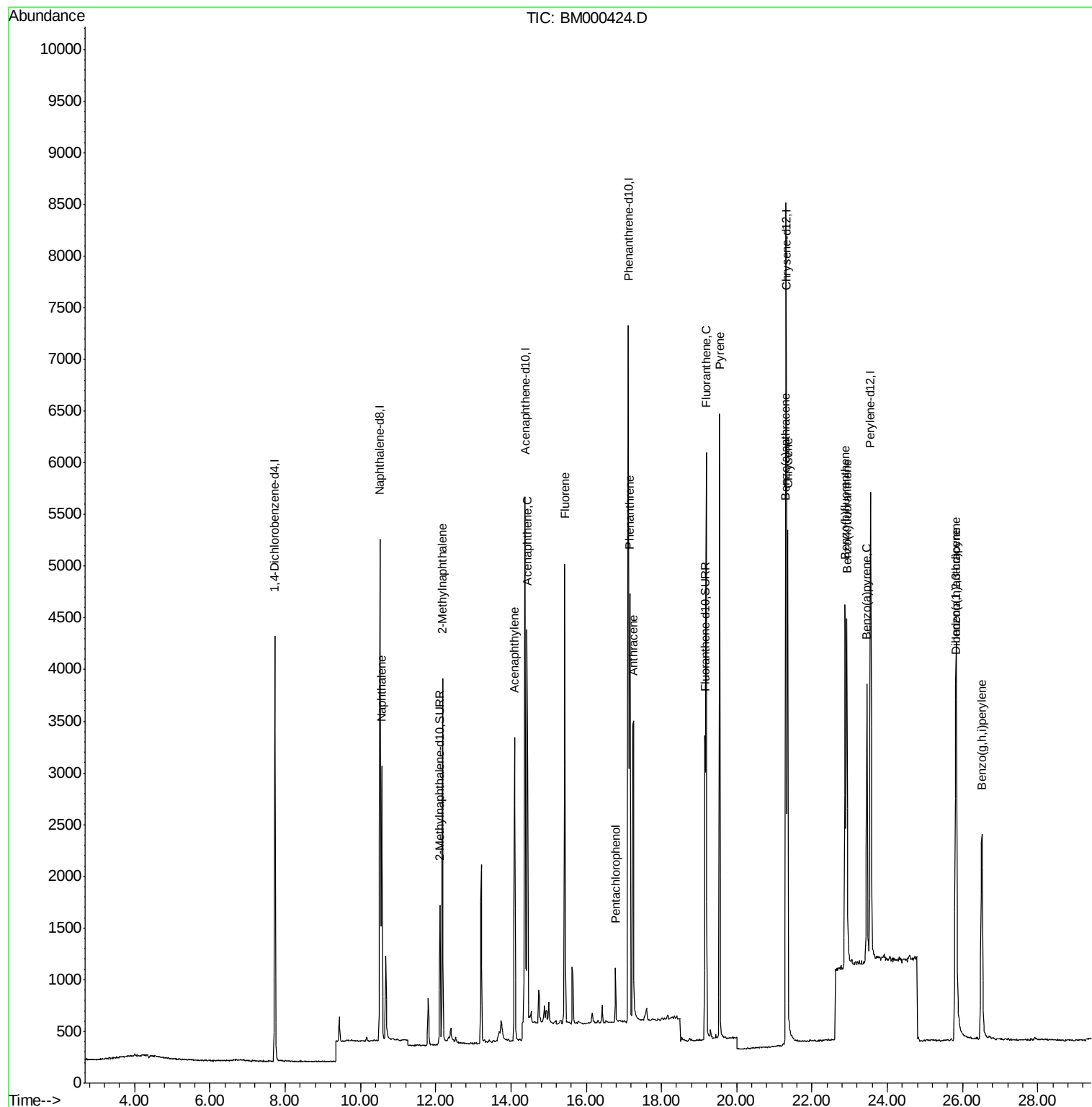
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	3650	0.21	ng/ul	97
5) 2-Methylnaphthalene	12.18	142	2486	0.20	ng/ul	100
7) Acenaphthylene	14.10	152	3499	0.20	ng/ul	97
8) Acenaphthene	14.43	153	2702	0.21	ng/ul	99
9) Fluorene	15.43	166	3158	0.20	ng/ul	95
11) Pentachlorophenol	16.78	266	412	0.37	ng/ul	96
12) Phenanthrene	17.16	178	5084	0.20	ng/ul	98
13) Anthracene	17.26	178	4637	0.20	ng/ul	96
15) Fluoranthene	19.19	202	5881	0.20	ng/ul	99
17) Pyrene	19.55	202	6073	0.20	ng/ul	99
18) Benzo(a)anthracene	21.29	228	4923	0.21	ng/ul	99
19) Chrysene	21.35	228	5383m	0.20	ng/ul	
21) Benzo(b)fluoranthene	22.88	252	5442	0.21	ng/ul	93
22) Benzo(k)fluoranthene	22.93	252	4582	0.17	ng/ul#	92
23) Benzo(a)pyrene	23.46	252	4686	0.20	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.82	276	5217	0.22	ng/ul	99
25) Dibenzo(a,h)anthracene	25.84	278	4233	0.23	ng/ul	92
26) Benzo(g,h,i)perylene	26.51	276	4605	0.22	ng/ul	98

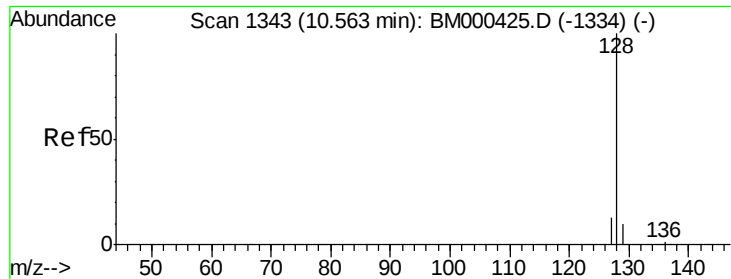
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.21 ng/ul

RT: 10.56 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

Instrument :

BNA_M

ClientSampleId :

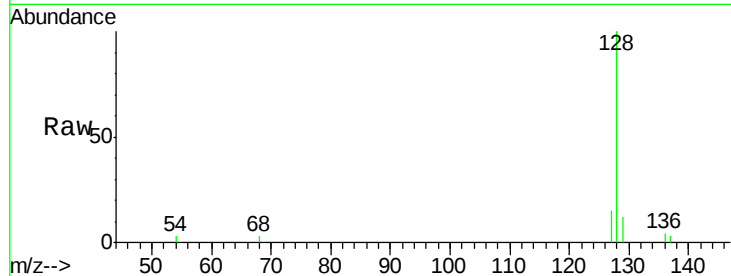
Tgt Ion:128 Resp: 3650

Ion Ratio Lower Upper

128 100

129 12.3 9.2 13.8

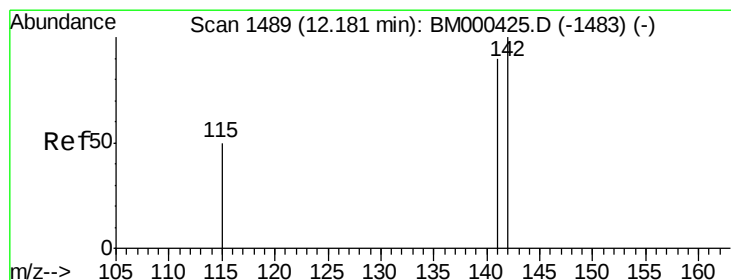
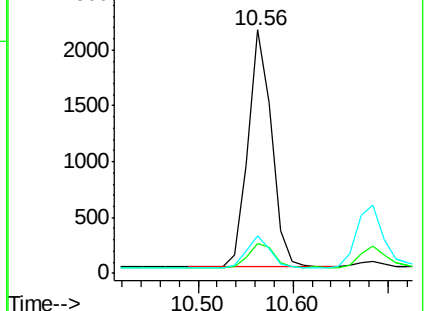
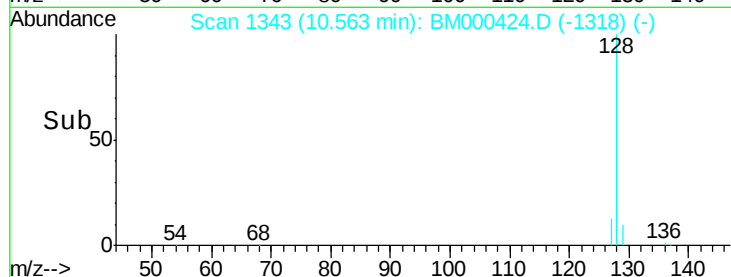
127 15.4 11.4 17.0



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: 0.20 ng/ul

RT: 12.18 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BM000424.D

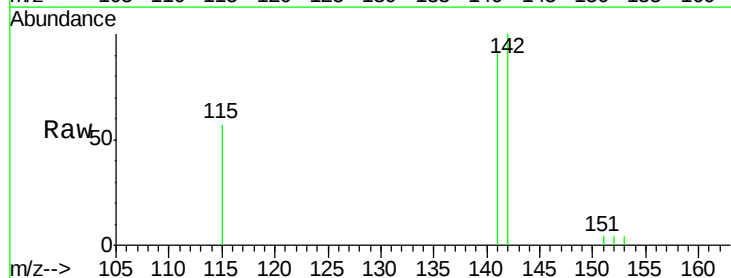
Acq: 05 Feb 2015 11:07

Tgt Ion:142 Resp: 2486

Ion Ratio Lower Upper

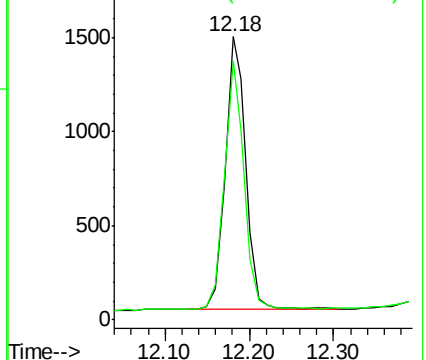
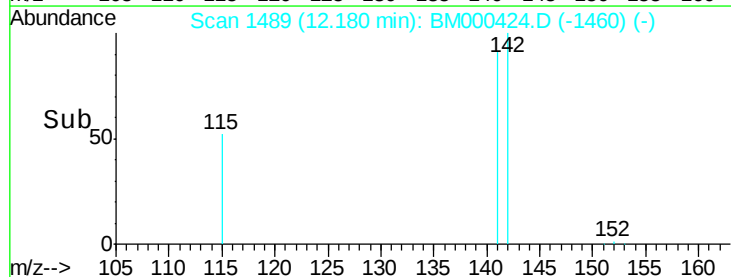
142 100

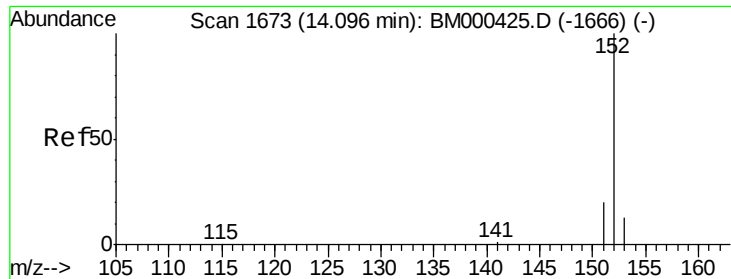
141 88.5 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

Instrument :

BNA_M

ClientSampleId :

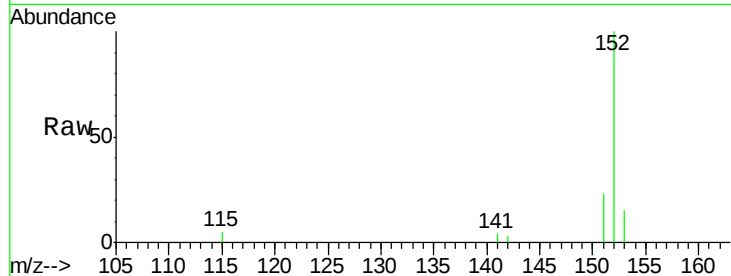
Tgt Ion:152 Resp: 3499

Ion Ratio Lower Upper

152 100

151 22.6 16.6 25.0

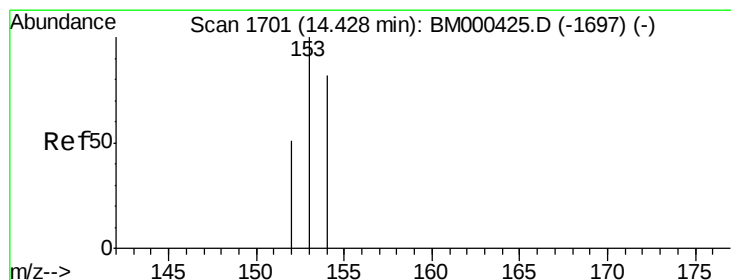
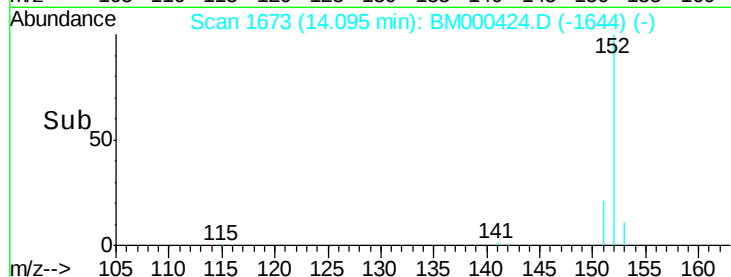
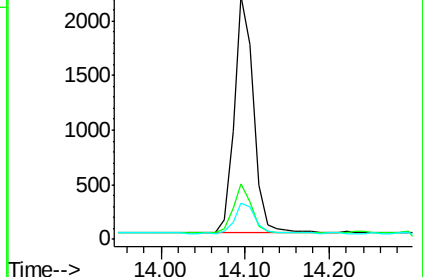
153 14.7 11.2 16.8



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: 0.21 ng/ul

RT: 14.43 min Scan# 1701

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

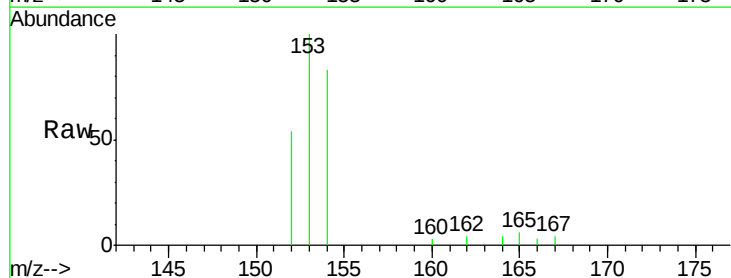
Tgt Ion:153 Resp: 2702

Ion Ratio Lower Upper

153 100

152 54.1 41.8 62.8

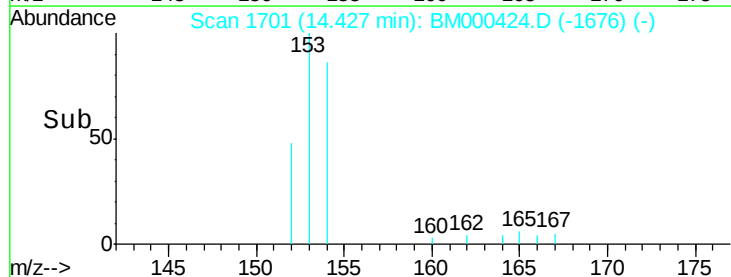
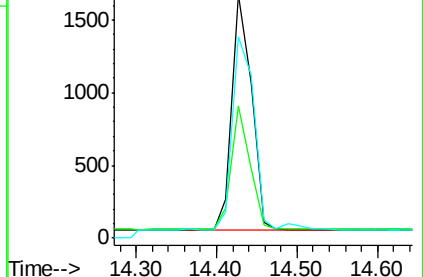
154 82.5 65.6 98.4

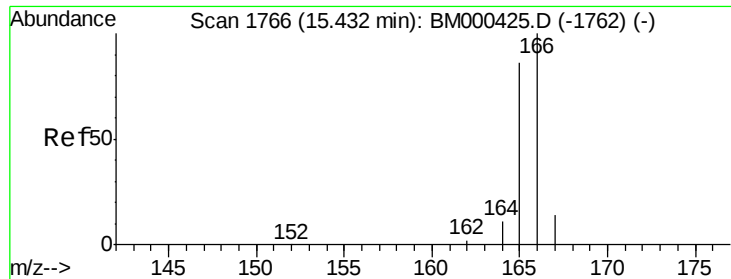


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

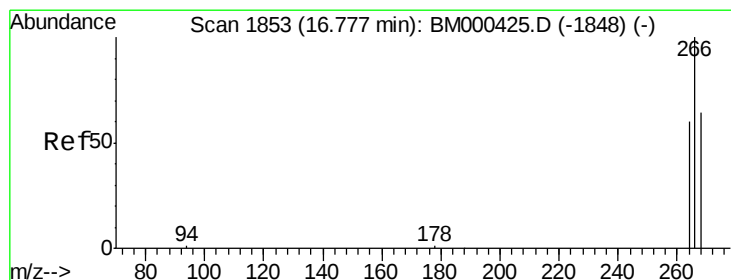
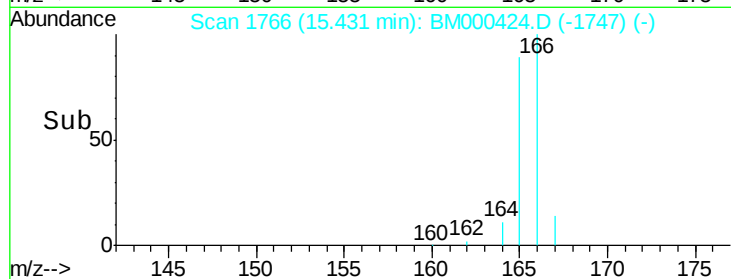
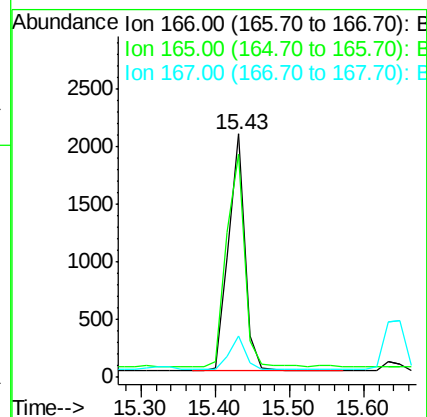
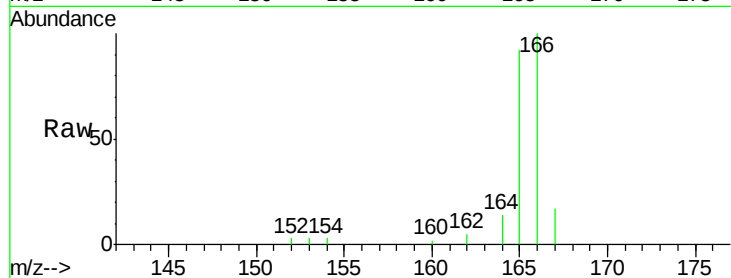




#9
Fluorene
 Concen: 0.20 ng/ul
 RT: 15.43 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BM000424.D
 Acq: 05 Feb 2015 11:07

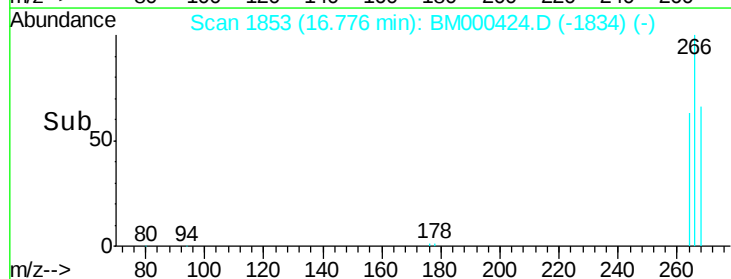
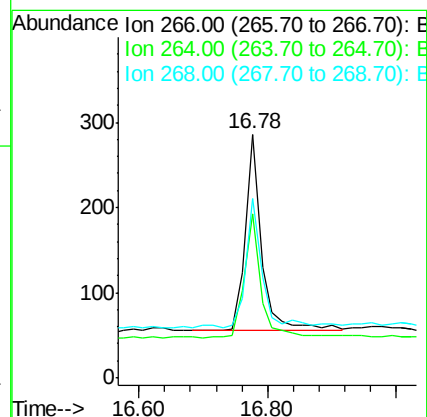
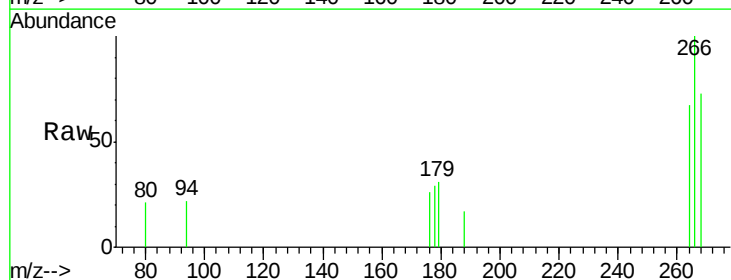
Instrument :
 BNA_M
 ClientSampleId :

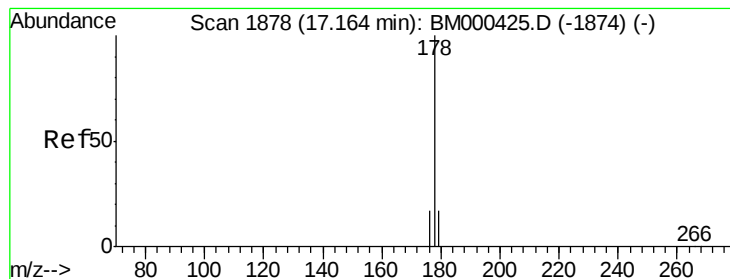
Tgt Ion:166 Resp: 3158
 Ion Ratio Lower Upper
 166 100
 165 91.6 69.4 104.0
 167 16.9 12.4 18.6



#11
Pentachlorophenol
 Concen: 0.37 ng/ul
 RT: 16.78 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BM000424.D
 Acq: 05 Feb 2015 11:07

Tgt Ion:266 Resp: 412
 Ion Ratio Lower Upper
 266 100
 264 64.8 49.8 74.8
 268 64.8 49.4 74.0





#12

Phenanthrene

Concen: 0.20 ng/ul

RT: 17.16 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

Instrument :

BNA_M

ClientSampleId :

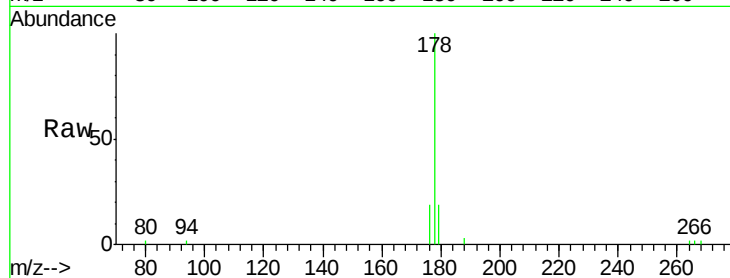
Tgt Ion:178 Resp: 5084

Ion Ratio Lower Upper

178 100

176 19.3 14.3 21.5

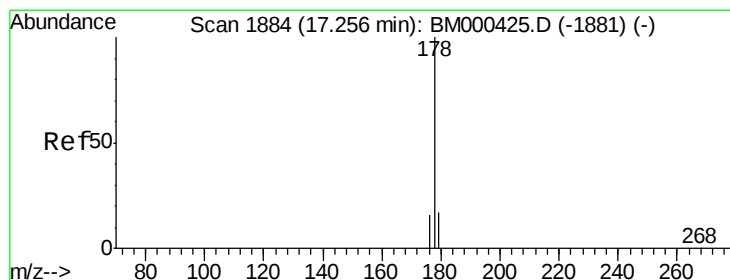
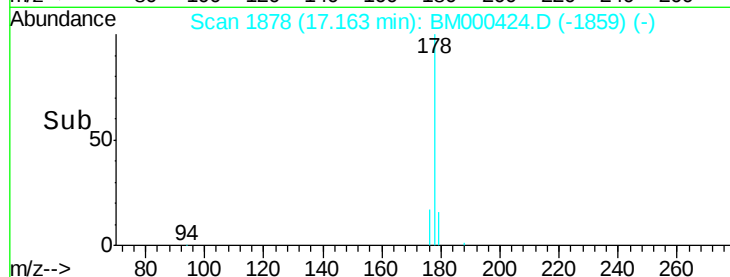
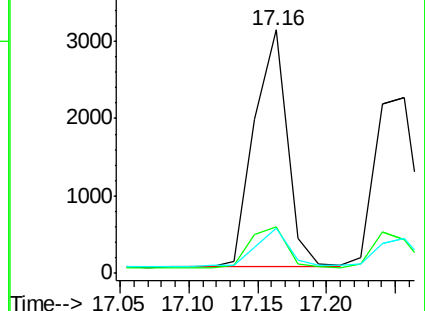
179 18.8 14.4 21.6



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: 0.20 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

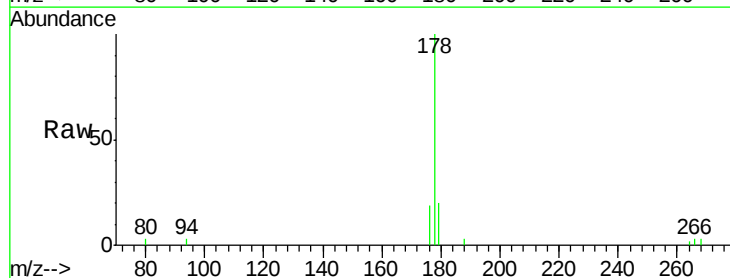
Tgt Ion:178 Resp: 4637

Ion Ratio Lower Upper

178 100

176 19.2 13.8 20.8

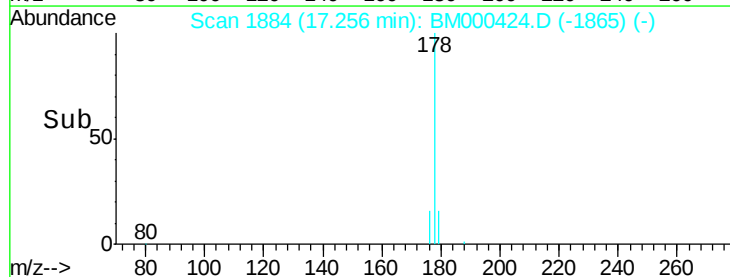
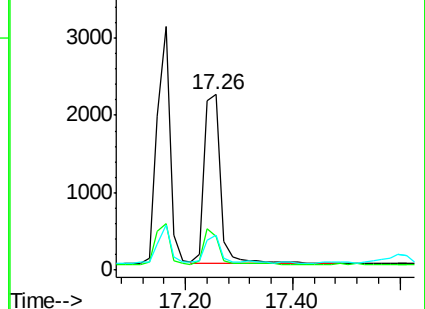
179 19.9 14.8 22.2

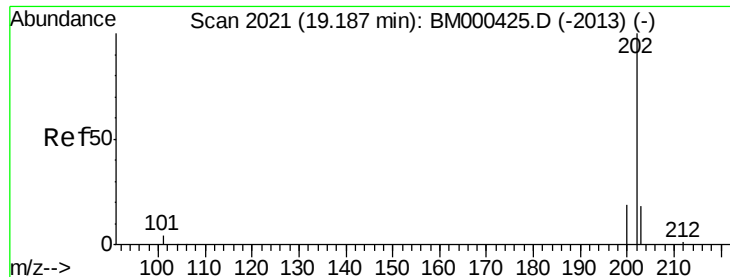


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.20 ng/ul

RT: 19.19 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

Instrument :

BNA_M

ClientSampleId :

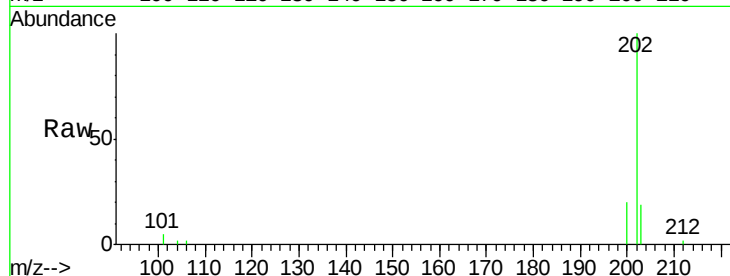
Tgt Ion:202 Resp: 5881

Ion Ratio Lower Upper

202 100

101 5.4 0.0 24.6

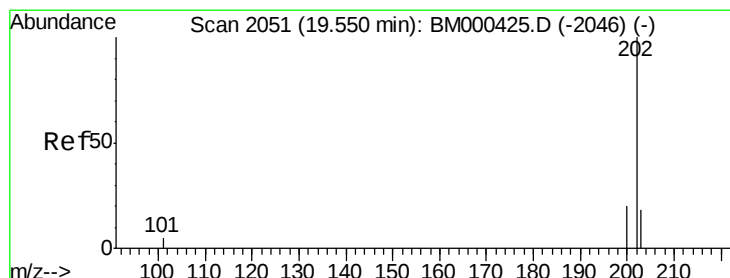
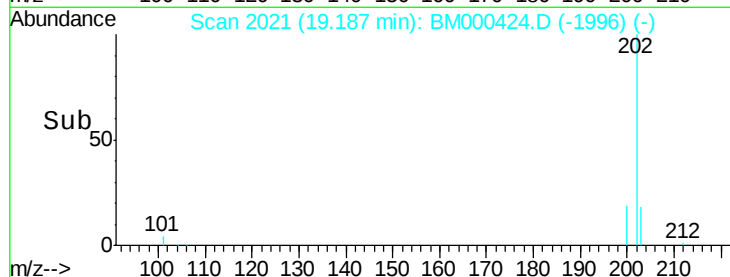
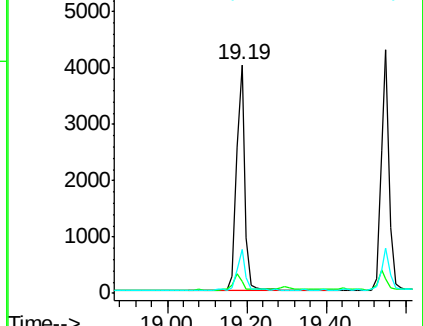
203 19.0 0.0 38.9



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: 0.20 ng/ul

RT: 19.55 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

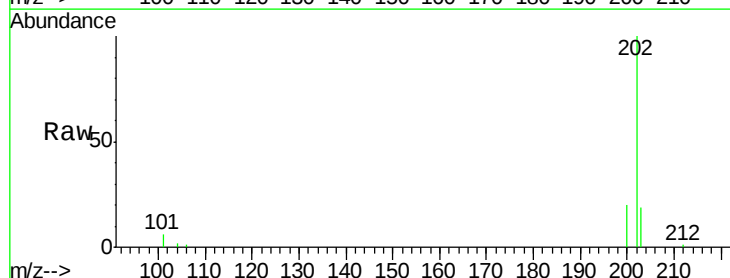
Tgt Ion:202 Resp: 6073

Ion Ratio Lower Upper

202 100

200 20.1 16.3 24.5

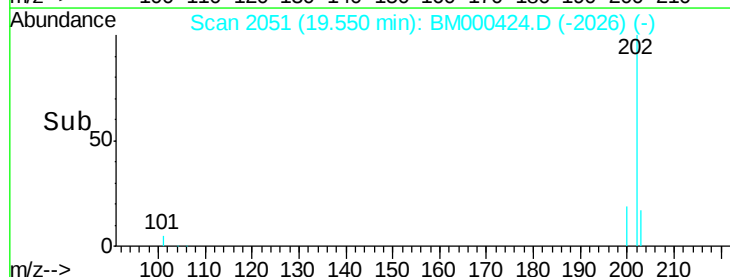
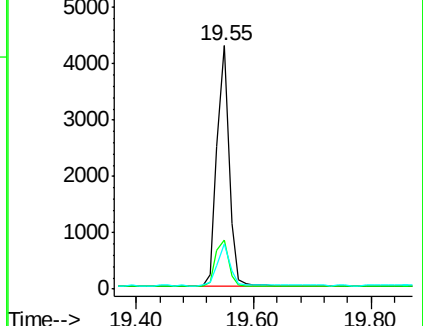
203 18.6 14.7 22.1

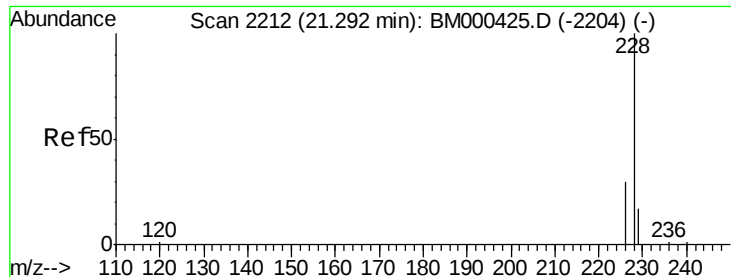


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.21 ng/u1

RT: 21.29 min Scan# 2212

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

Instrument :

BNA_M

ClientSampleId :

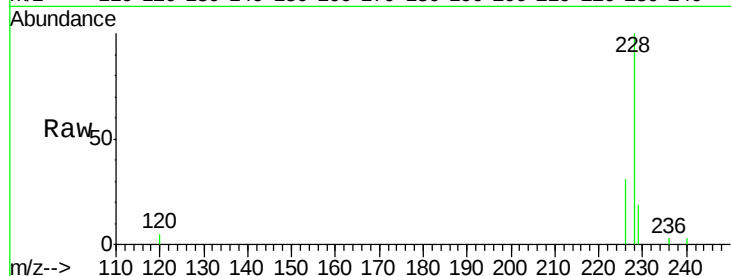
Tgt Ion:228 Resp: 4923

Ion Ratio Lower Upper

228 100

226 30.9 24.5 36.7

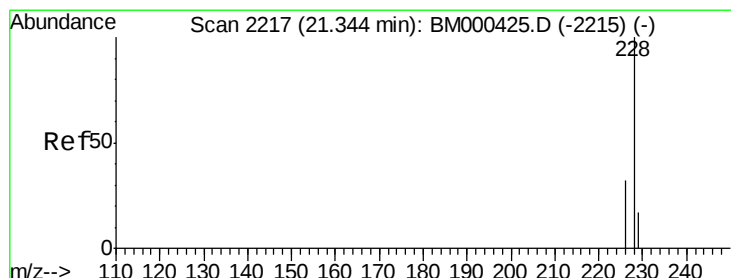
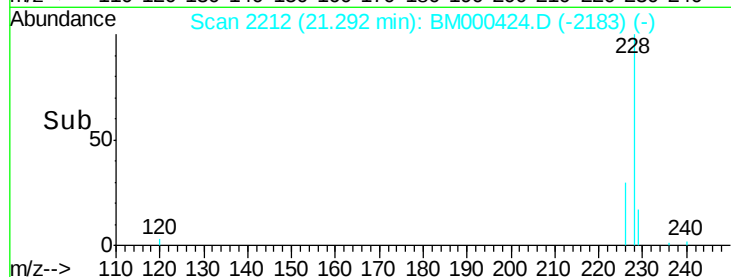
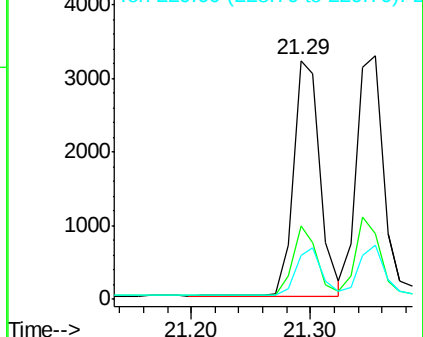
229 18.6 14.0 21.0



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: 0.20 ng/u1 m

RT: 21.35 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

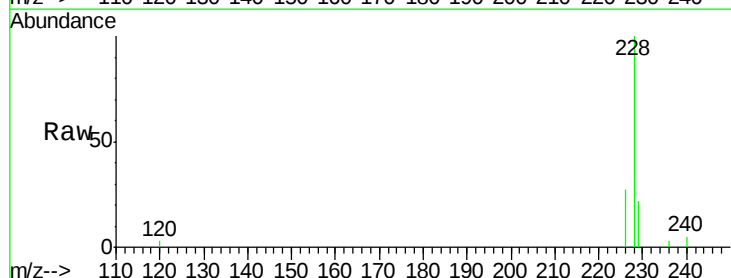
Tgt Ion:228 Resp: 5383

Ion Ratio Lower Upper

228 100

226 26.8 26.2 39.4

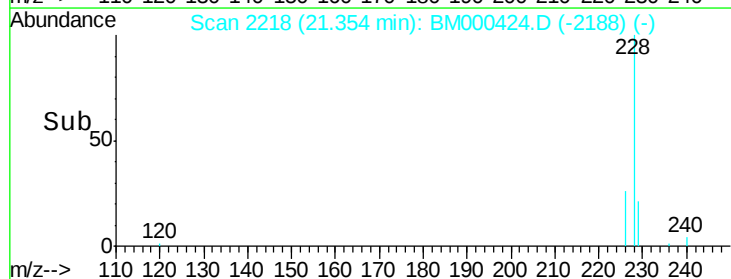
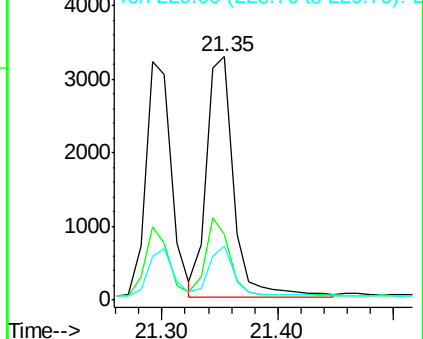
229 22.4 14.6 22.0#

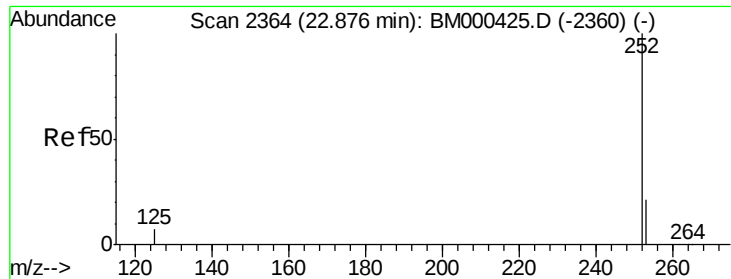


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.21 ng/u1

RT: 22.88 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

Instrument :

BNA_M

ClientSampleId :

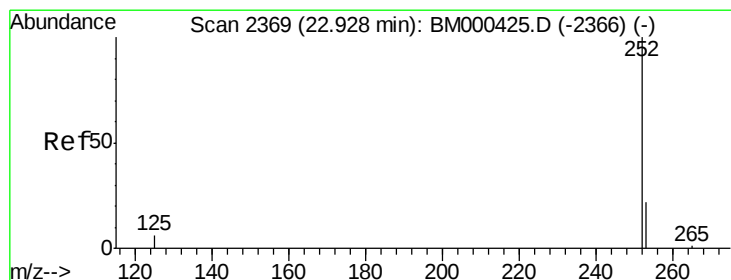
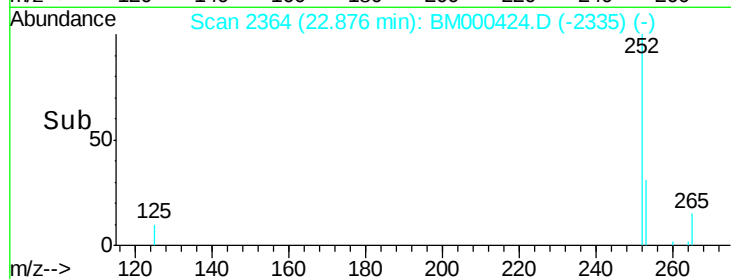
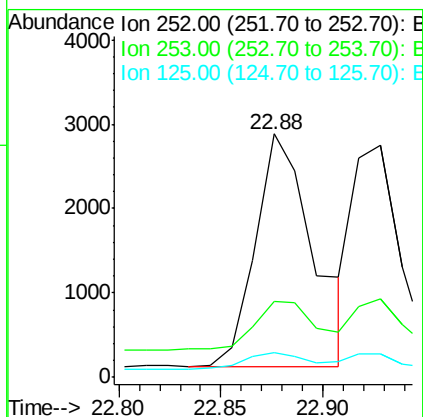
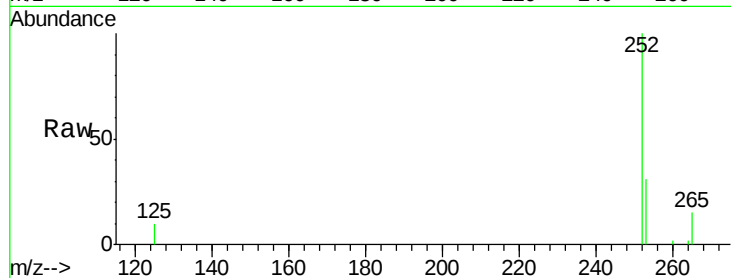
Tgt Ion:252 Resp: 5442

Ion Ratio Lower Upper

252 100

253 31.0 0.0 53.8

125 10.3 0.0 18.0



#22

Benzo(k)fluoranthene

Concen: 0.17 ng/u1

RT: 22.93 min Scan# 2369

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

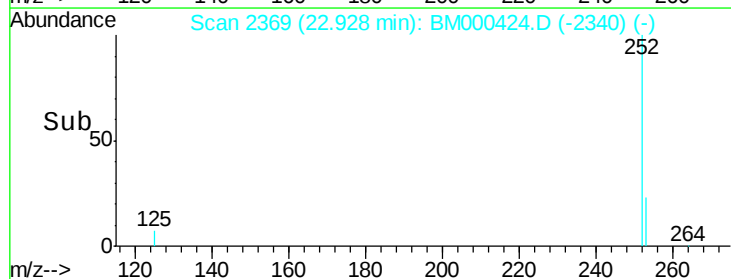
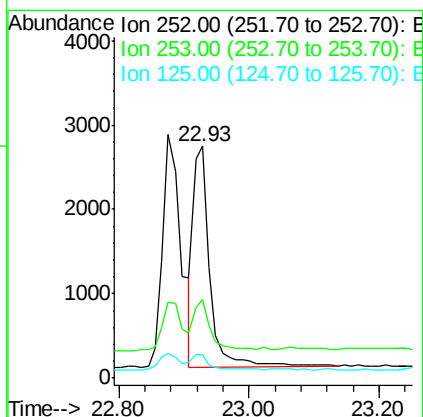
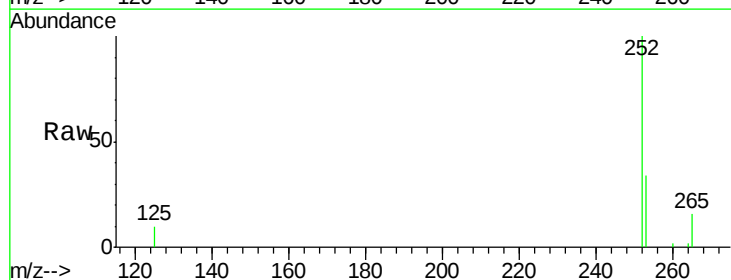
Tgt Ion:252 Resp: 4582

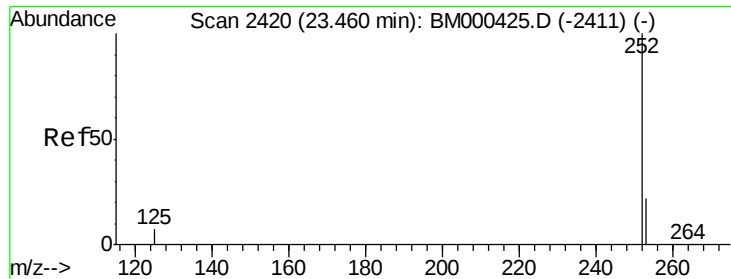
Ion Ratio Lower Upper

252 100

253 33.9 23.3 34.9

125 10.1 6.2 9.4#





#23

Benzo(a)pyrene

Concen: 0.20 ng/ul

RT: 23.46 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

Instrument :

BNA_M

ClientSampleId :

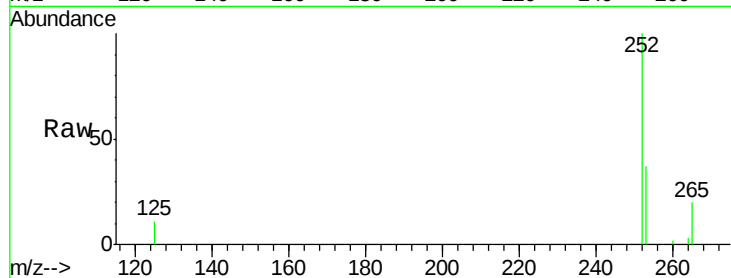
Tgt Ion:252 Resp: 4686

Ion Ratio Lower Upper

252 100

253 36.5 24.0 36.0#

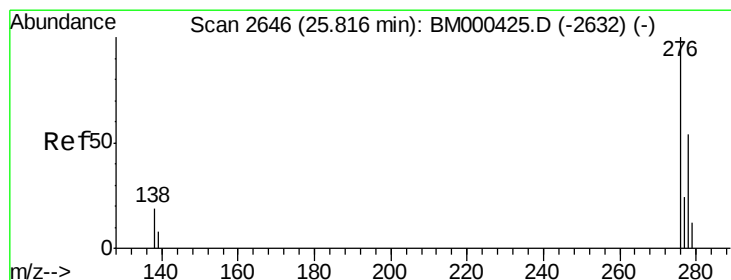
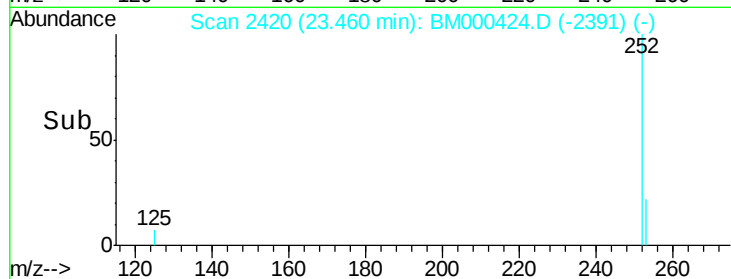
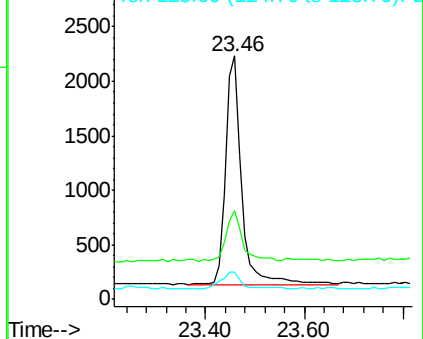
125 11.4 7.4 11.0#



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: 0.22 ng/ul

RT: 25.82 min Scan# 2646

Delta R.T. -0.00 min

Lab File: BM000424.D

Acq: 05 Feb 2015 11:07

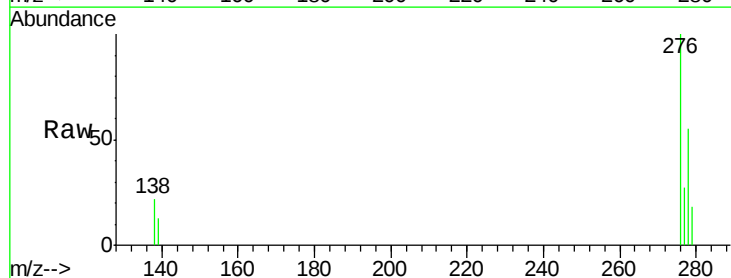
Tgt Ion:276 Resp: 5217

Ion Ratio Lower Upper

276 100

138 19.4 15.0 22.4

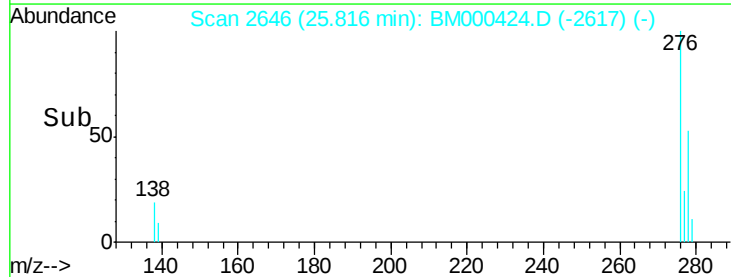
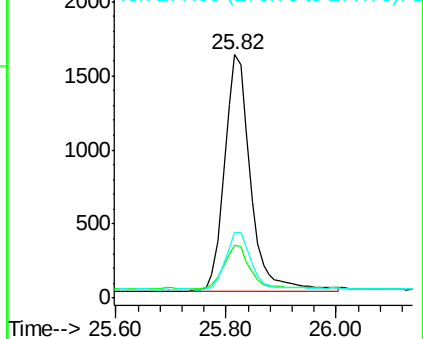
277 24.3 19.8 29.8

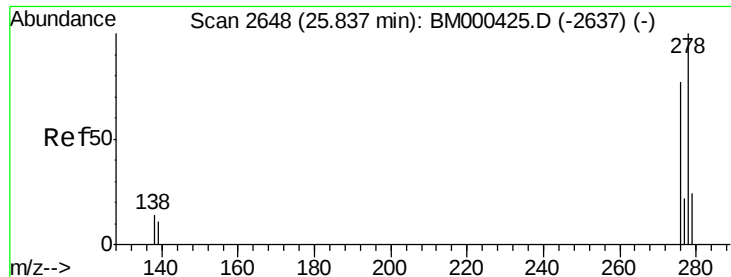


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

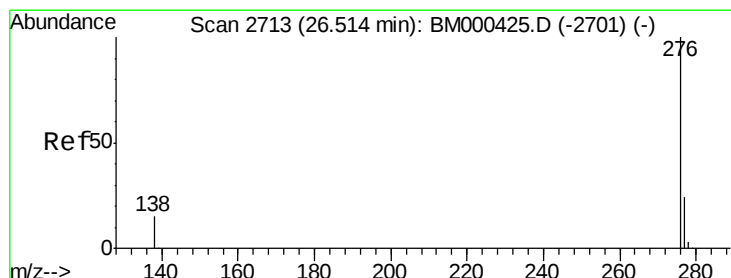
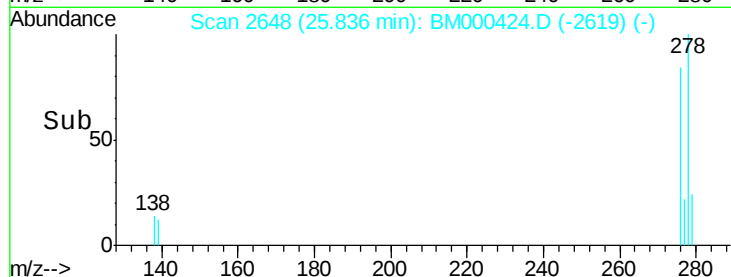
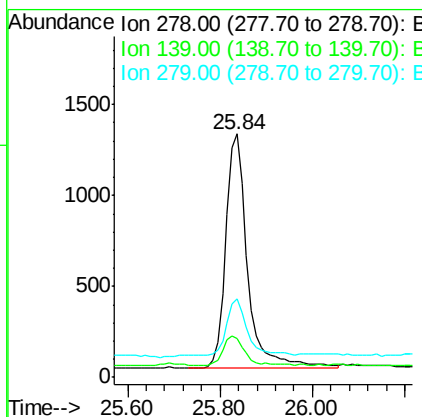
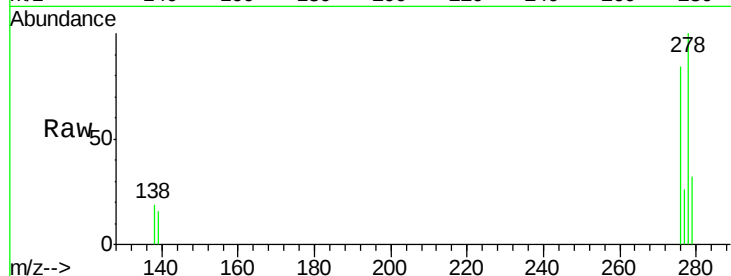




#25
 Dibenzo(a,h)anthracene
 Concen: 0.23 ng/ul
 RT: 25.84 min Scan# 2648
 Delta R.T. -0.00 min
 Lab File: BM000424.D
 Acq: 05 Feb 2015 11:07

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 278 Resp: 4233
 Ion Ratio Lower Upper
 278 100
 139 16.0 10.9 16.3
 279 32.3 22.3 33.5



#26
 Benzo(g,h,i)perylene
 Concen: 0.22 ng/ul
 RT: 26.51 min Scan# 2713
 Delta R.T. -0.00 min
 Lab File: BM000424.D
 Acq: 05 Feb 2015 11:07

Tgt Ion: 276 Resp: 4605
 Ion Ratio Lower Upper
 276 100
 277 26.7 20.6 30.8
 138 18.8 13.9 20.9

