

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
 Data File : BM000426.D
 Acq On : 05 Feb 2015 12:17
 Operator : TP/IZ
 Sample : SST0.877
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 05 13:14:40 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	2216	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7126	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4318	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	8793	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	7736	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	6767	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7508	0.77	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	14730	0.77	ng/ul	0.00

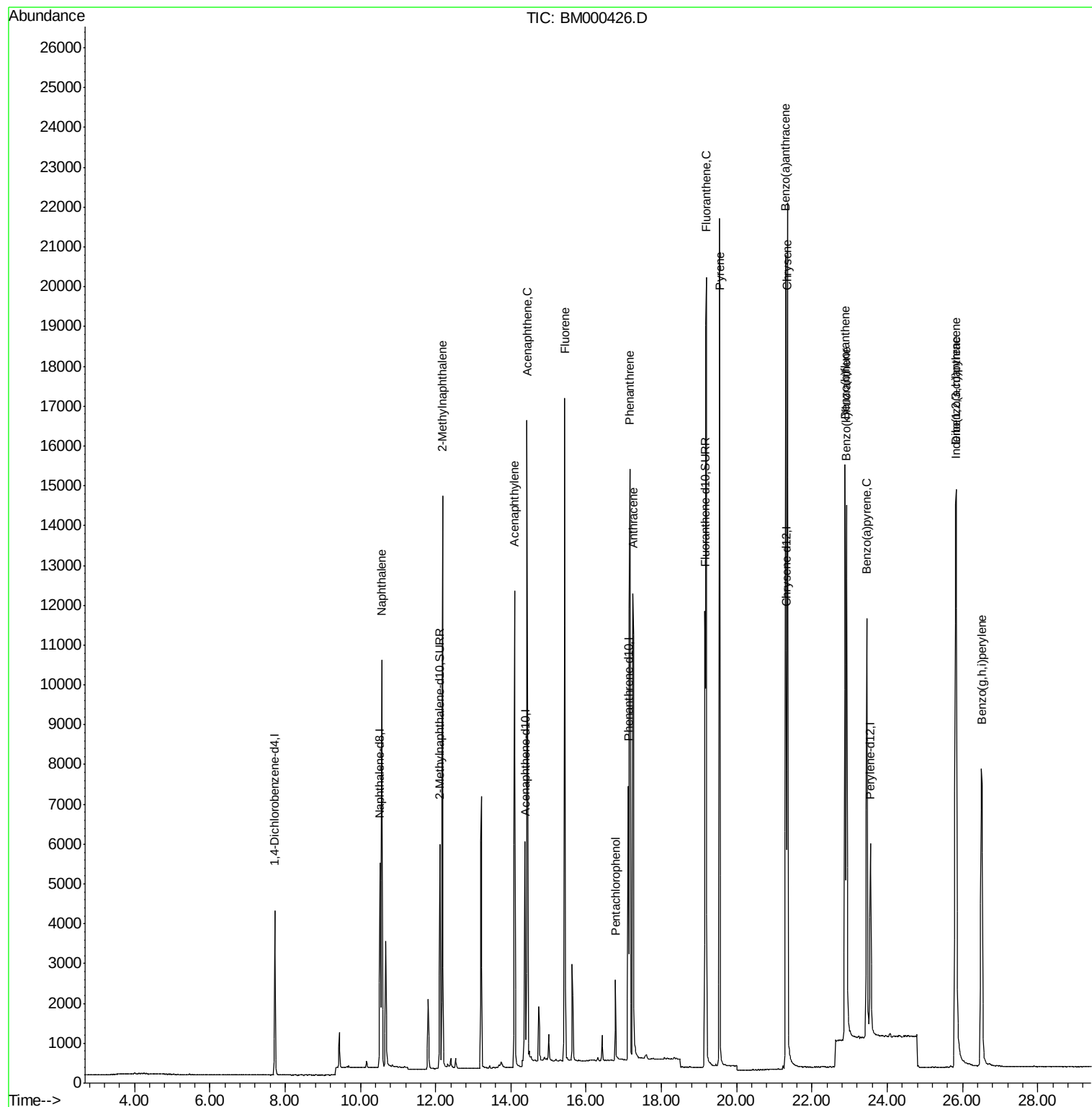
Target Compounds						Qvalue
3) Naphthalene	10.56	128	14024	0.78	ng/ul	99
5) 2-Methylnaphthalene	12.18	142	9747	0.76	ng/ul	99
7) Acenaphthylene	14.10	152	14172	0.79	ng/ul	98
8) Acenaphthene	14.43	153	10244	0.77	ng/ul	100
9) Fluorene	15.43	166	12383	0.75	ng/ul	99
11) Pentachlorophenol	16.78	266	1532	1.37	ng/ul	95
12) Phenanthrene	17.16	178	19425	0.76	ng/ul	99
13) Anthracene	17.24	178	17758m	0.76	ng/ul	
15) Fluoranthene	19.19	202	22513	0.77	ng/ul	99
17) Pyrene	19.55	202	22760	0.72	ng/ul	98
18) Benzo(a)anthracene	21.29	228	19086	0.80	ng/ul	97
19) Chrysene	21.34	228	20536	0.76	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	19071	0.75	ng/ul	95
22) Benzo(k)fluoranthene	22.92	252	19180m	0.72	ng/ul	
23) Benzo(a)pyrene	23.45	252	17774	0.76	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.82	276	20307	0.86	ng/ul	100
25) Dibenzo(a,h)anthracene	25.83	278	16430	0.87	ng/ul	96
26) Benzo(g,h,i)perylene	26.50	276	17696	0.86	ng/ul	98

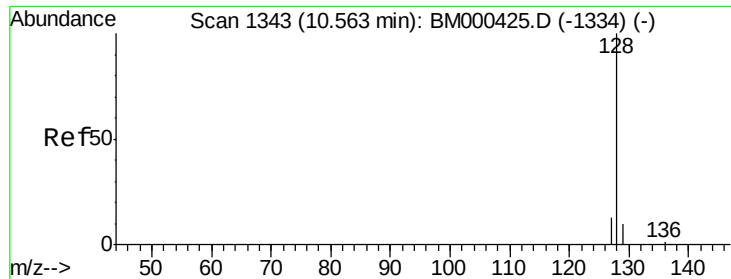
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Feb 05 13:14:40 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M
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#3

Naphthalene

Concen: 0.78 ng/ul

RT: 10.56 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BM000426.D

Acq: 05 Feb 2015 12:17

Instrument :

BNA_M

ClientSampleId :

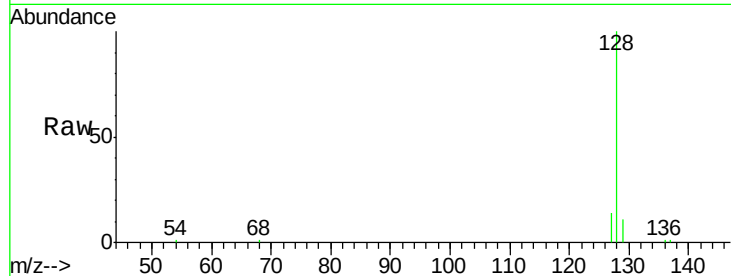
Tgt Ion:128 Resp: 14024

Ion Ratio Lower Upper

128 100

129 11.0 9.2 13.8

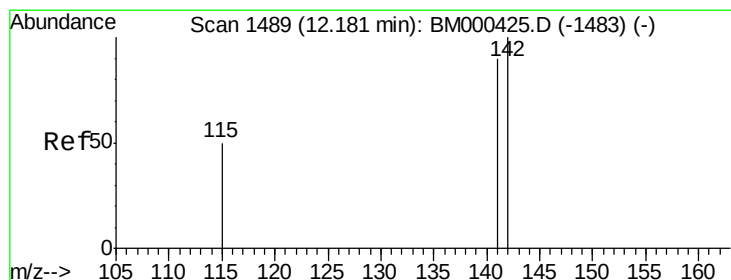
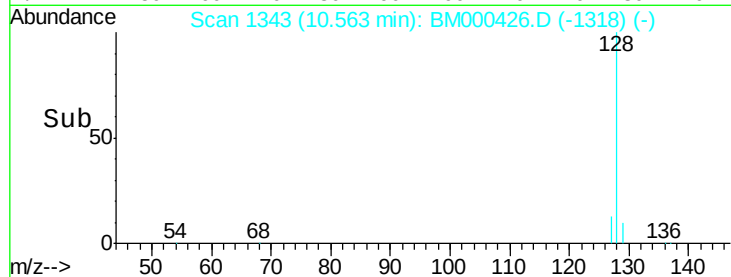
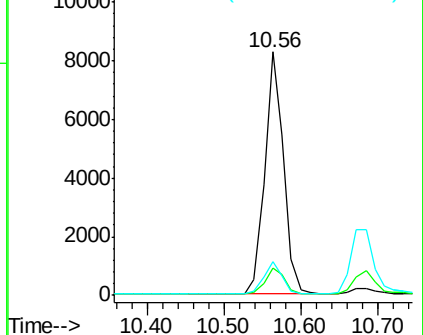
127 13.8 11.4 17.0



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: 0.76 ng/ul

RT: 12.18 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM000426.D

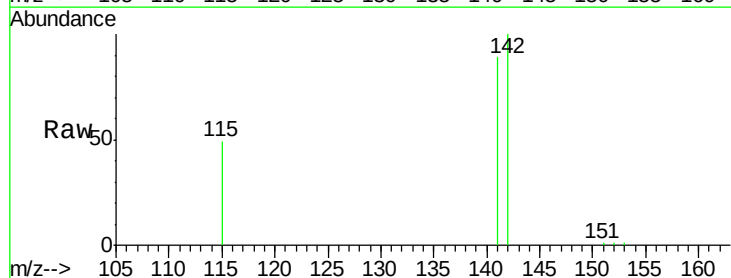
Acq: 05 Feb 2015 12:17

Tgt Ion:142 Resp: 9747

Ion Ratio Lower Upper

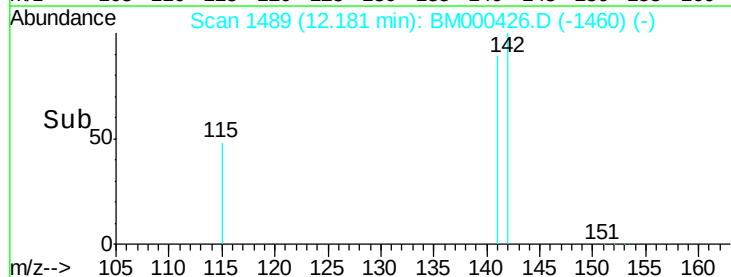
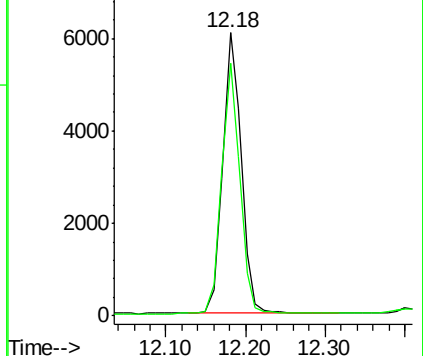
142 100

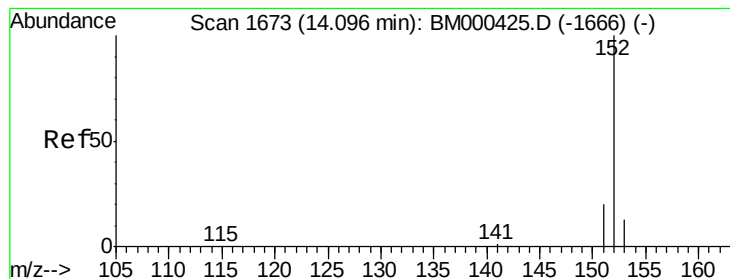
141 88.1 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.79 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BM000426.D

Acq: 05 Feb 2015 12:17

Instrument :

BNA_M

ClientSampleId :

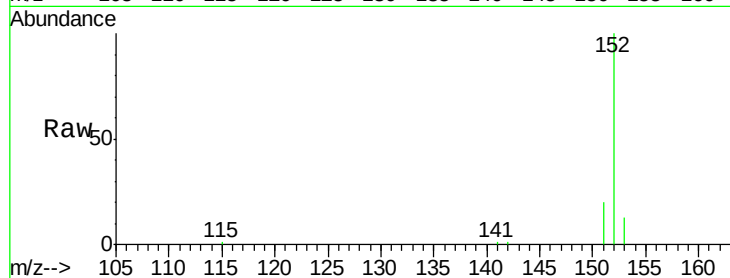
Tgt Ion:152 Resp: 14172

Ion Ratio Lower Upper

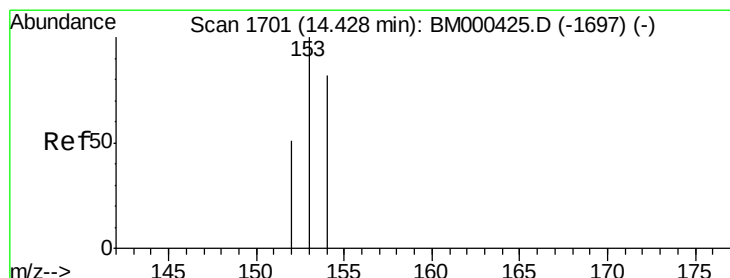
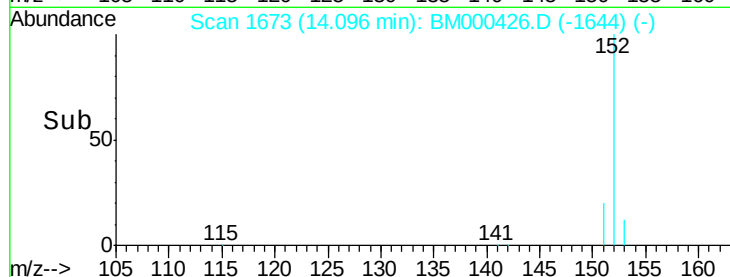
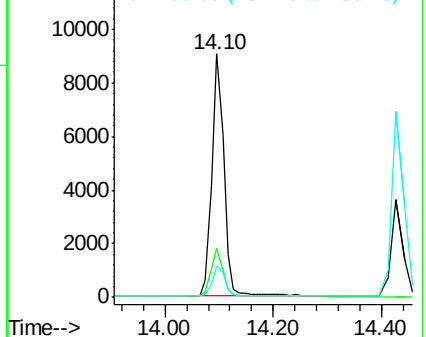
152 100

151 20.2 16.6 25.0

153 13.0 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: 0.77 ng/ul

RT: 14.43 min Scan# 1701

Delta R.T. 0.00 min

Lab File: BM000426.D

Acq: 05 Feb 2015 12:17

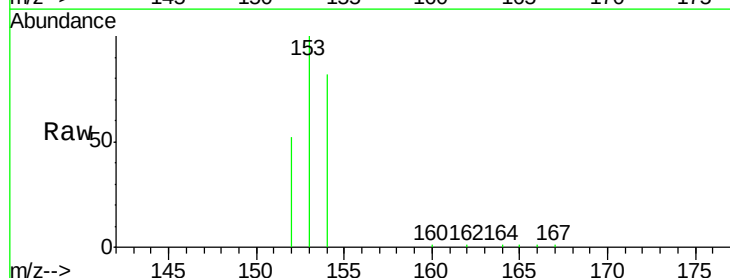
Tgt Ion:153 Resp: 10244

Ion Ratio Lower Upper

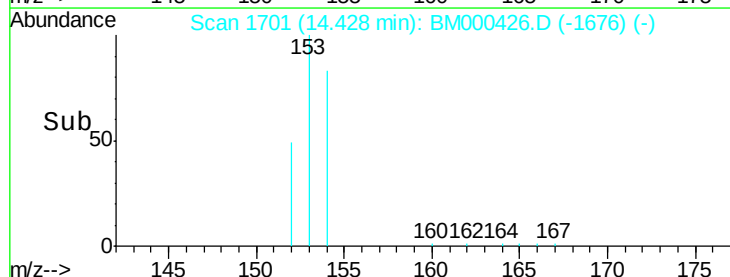
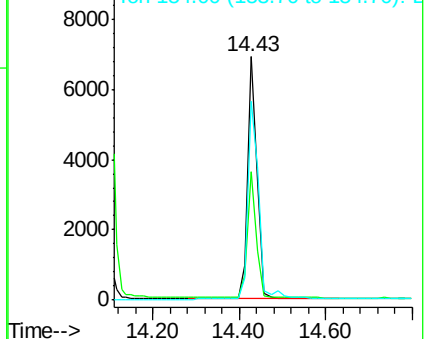
153 100

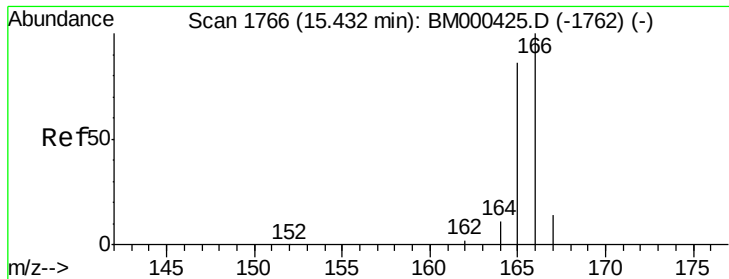
152 52.5 41.8 62.8

154 81.9 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

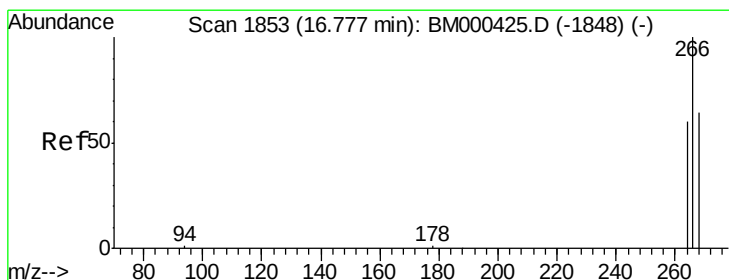
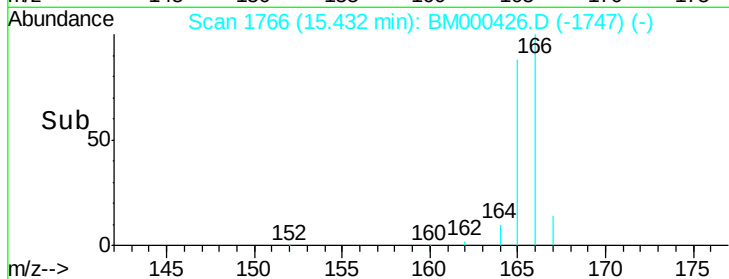
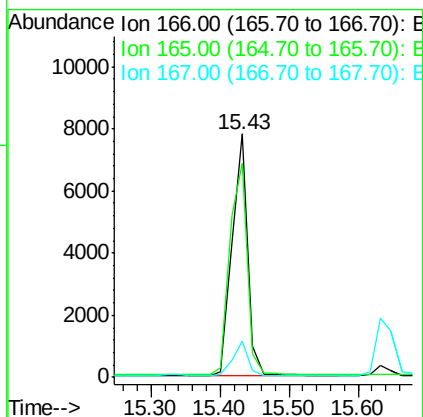
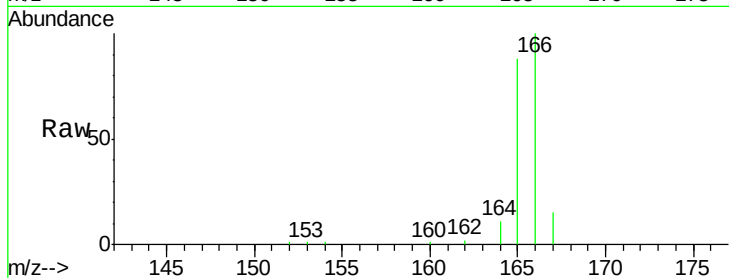




#9
 Fluorene
 Concen: 0.75 ng/ul
 RT: 15.43 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BM000426.D
 Acq: 05 Feb 2015 12:17

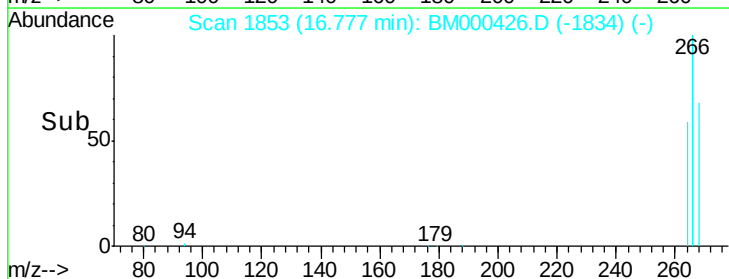
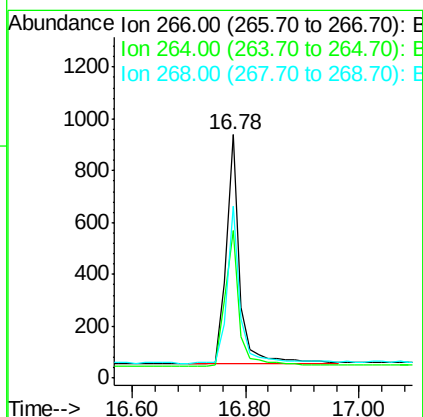
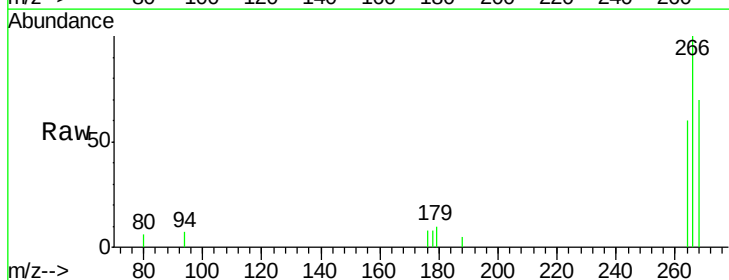
Instrument :
 BNA_M
 ClientSampleId :

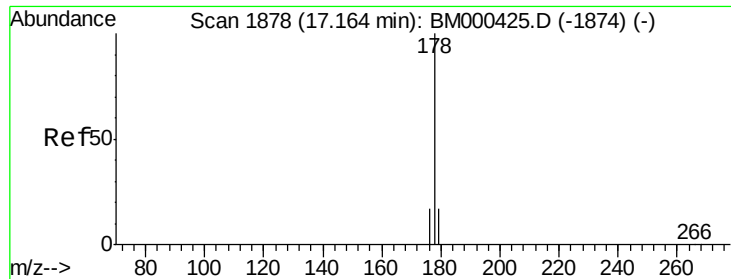
Tgt Ion:166 Resp: 12383
 Ion Ratio Lower Upper
 166 100
 165 88.0 69.4 104.0
 167 14.8 12.4 18.6



#11
 Pentachlorophenol
 Concen: 1.37 ng/ul
 RT: 16.78 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BM000426.D
 Acq: 05 Feb 2015 12:17

Tgt Ion:266 Resp: 1532
 Ion Ratio Lower Upper
 266 100
 264 59.8 49.8 74.8
 268 67.0 49.4 74.0





#12

Phenanthrene

Concen: 0.76 ng/ul

RT: 17.16 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM000426.D

Acq: 05 Feb 2015 12:17

Instrument :

BNA_M

ClientSampled :

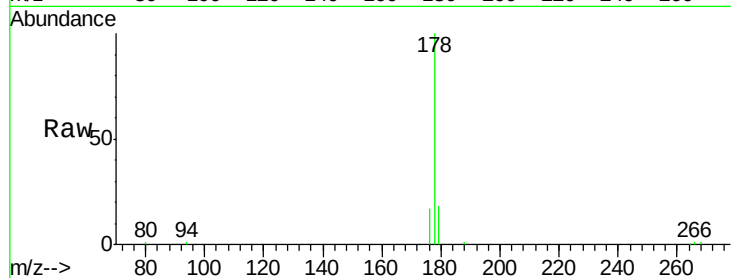
Tgt Ion:178 Resp: 19425

Ion Ratio Lower Upper

178 100

176 17.4 14.3 21.5

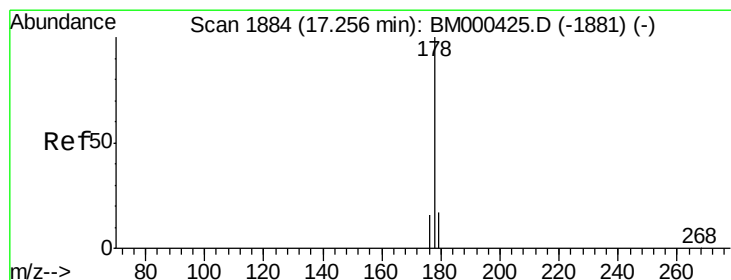
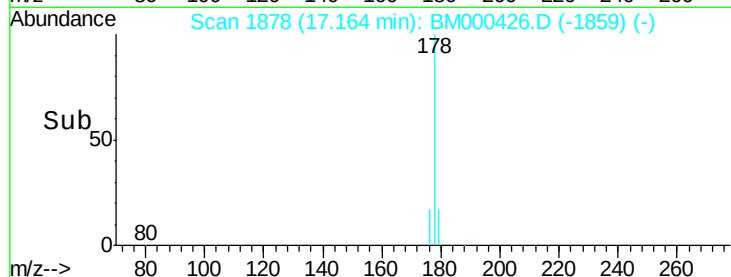
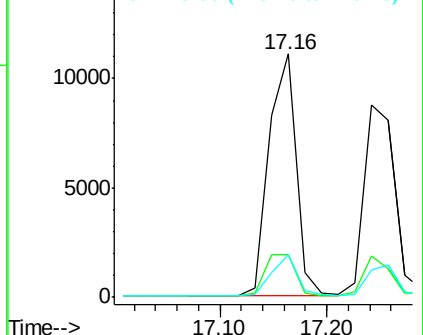
179 17.5 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.76 ng/ul m

RT: 17.24 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BM000426.D

Acq: 05 Feb 2015 12:17

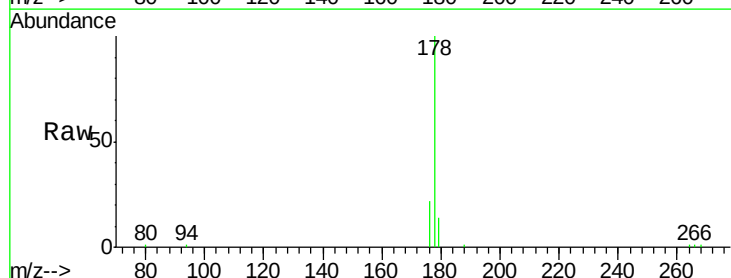
Tgt Ion:178 Resp: 17758

Ion Ratio Lower Upper

178 100

176 21.8 13.8 20.8#

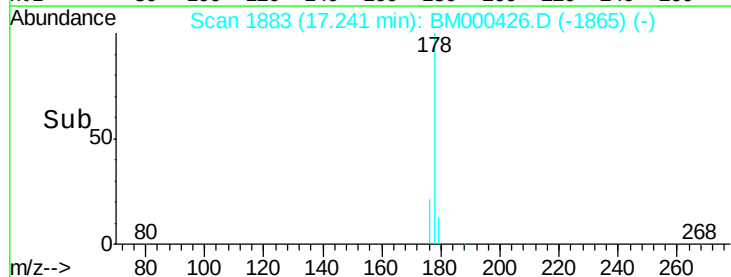
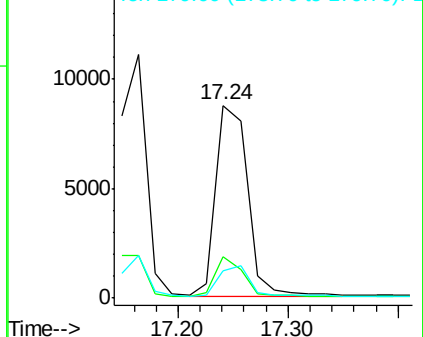
179 14.1 14.8 22.2#

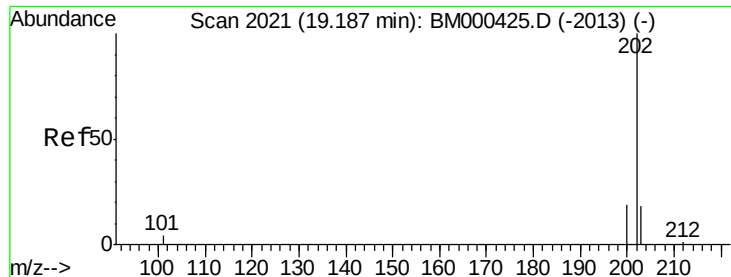


Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

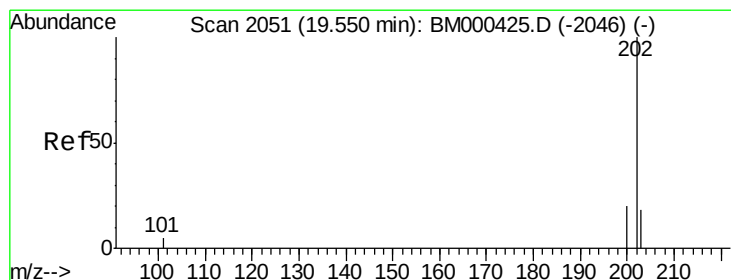
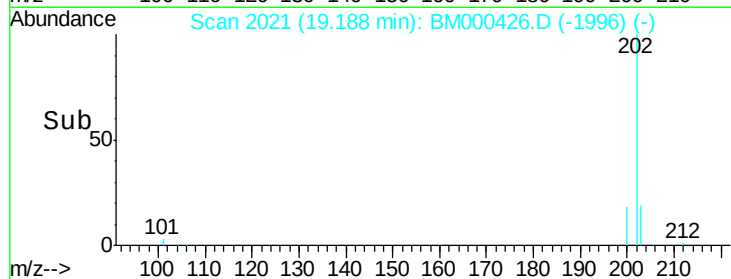
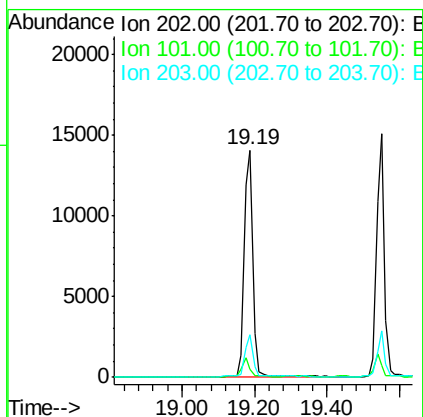
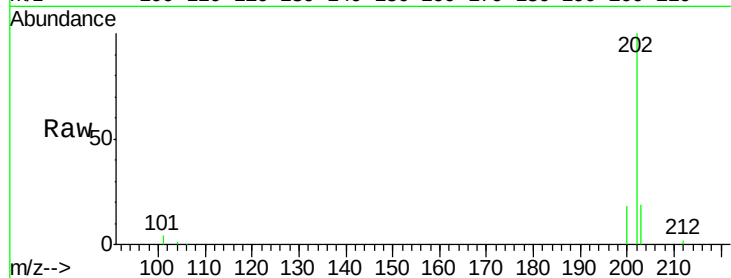




#15
 Fluoranthene
 Concen: 0.77 ng/ul
 RT: 19.19 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BM000426.D
 Acq: 05 Feb 2015 12:17

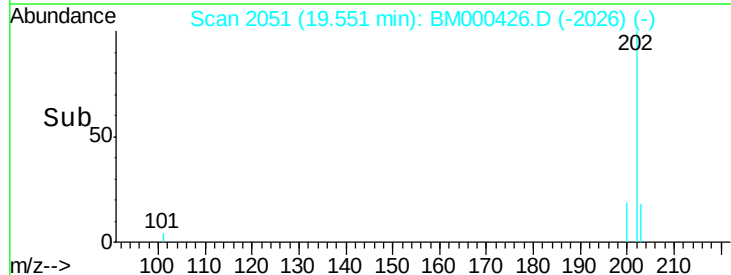
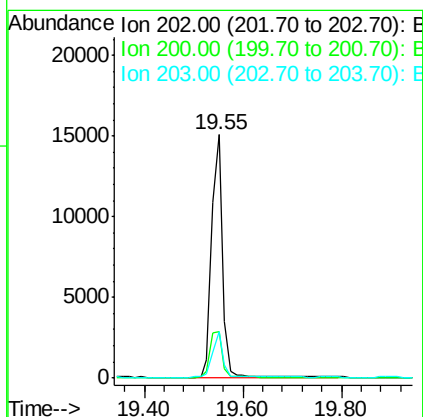
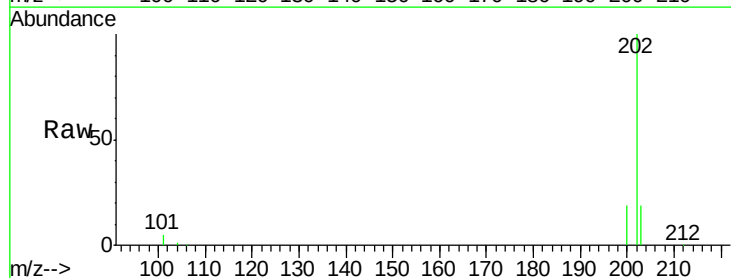
Instrument :
 BNA_M
 ClientSampleId :

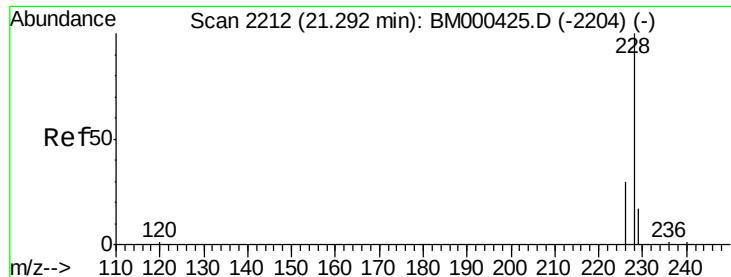
Tgt Ion:202 Resp: 22513
 Ion Ratio Lower Upper
 202 100
 101 3.8 0.0 24.6
 203 19.0 0.0 38.9



#17
 Pyrene
 Concen: 0.72 ng/ul
 RT: 19.55 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM000426.D
 Acq: 05 Feb 2015 12:17

Tgt Ion:202 Resp: 22760
 Ion Ratio Lower Upper
 202 100
 200 19.2 16.3 24.5
 203 18.8 14.7 22.1





#18

Benzo(a)anthracene

Concen: 0.80 ng/ul

RT: 21.29 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BM000426.D

Acq: 05 Feb 2015 12:17

Instrument :

BNA_M

ClientSampleId :

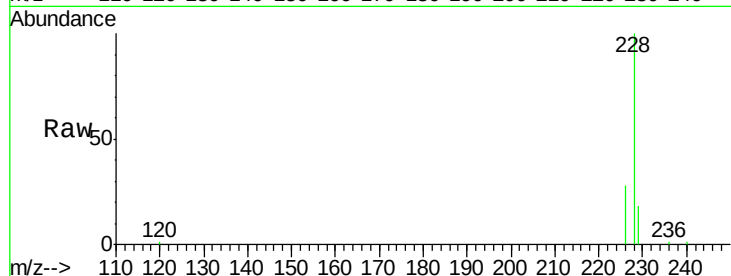
Tgt Ion:228 Resp: 19086

Ion Ratio Lower Upper

228 100

226 28.3 24.5 36.7

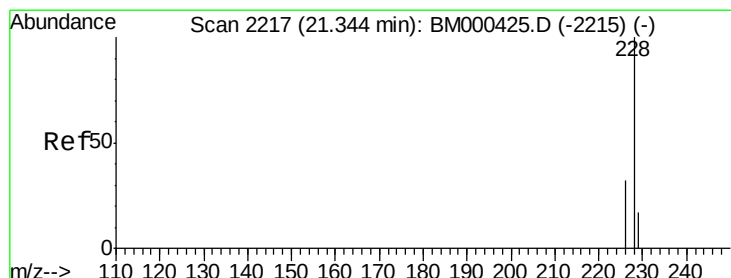
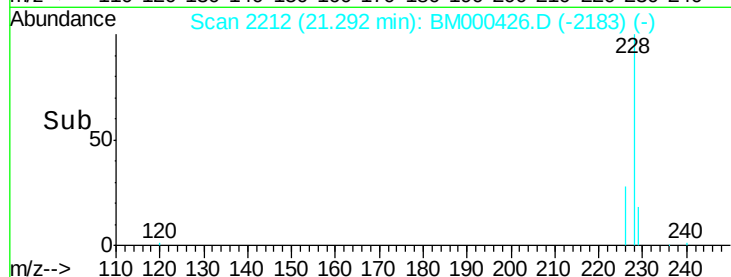
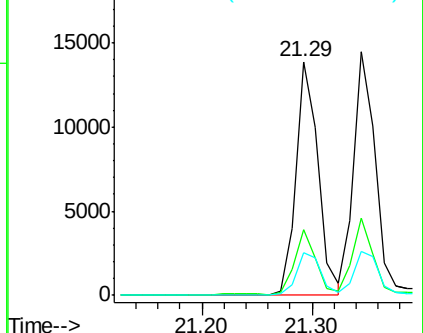
229 18.2 14.0 21.0



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: 0.76 ng/ul

RT: 21.34 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BM000426.D

Acq: 05 Feb 2015 12:17

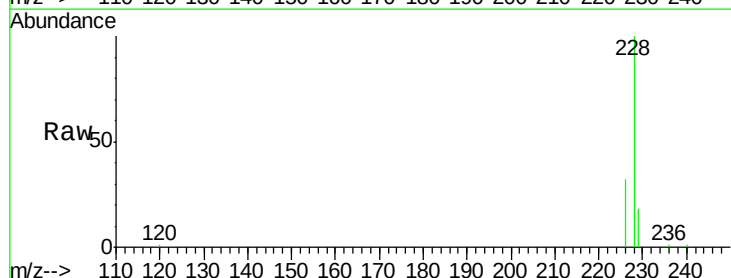
Tgt Ion:228 Resp: 20536

Ion Ratio Lower Upper

228 100

226 31.8 26.2 39.4

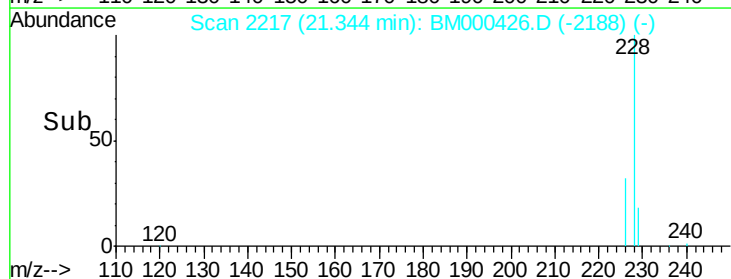
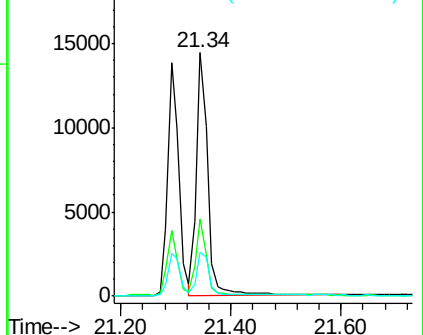
229 18.2 14.6 22.0

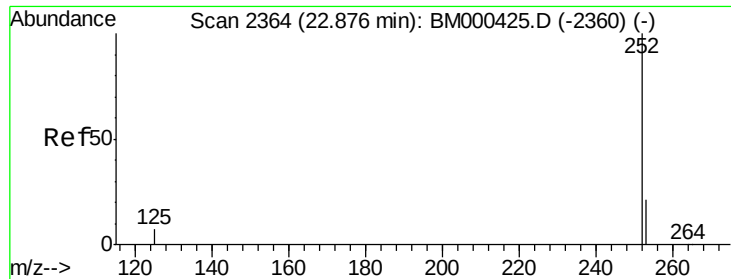


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.75 ng/ul

RT: 22.88 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BM000426.D

Acq: 05 Feb 2015 12:17

Instrument :

BNA_M

ClientSampleId :

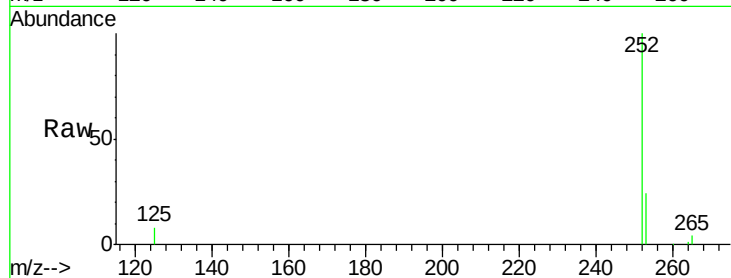
Tgt Ion:252 Resp: 19071

Ion Ratio Lower Upper

252 100

253 23.9 0.0 53.8

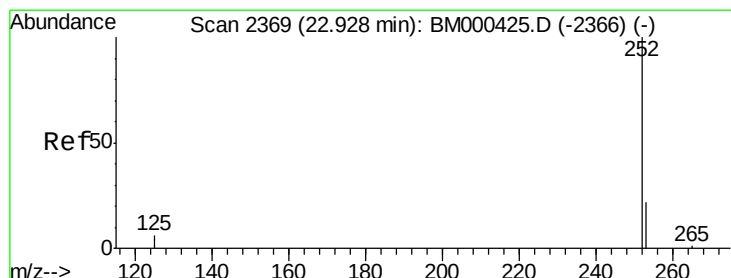
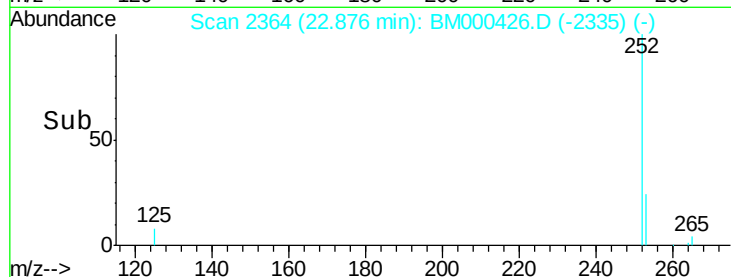
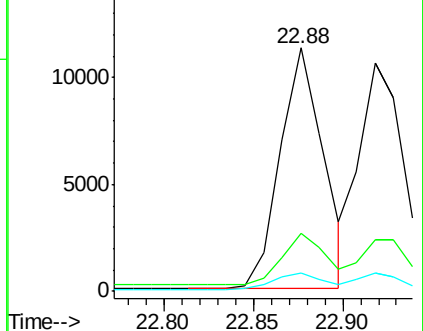
125 7.8 0.0 18.0



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: 0.72 ng/ul m

RT: 22.92 min Scan# 2368

Delta R.T. -0.01 min

Lab File: BM000426.D

Acq: 05 Feb 2015 12:17

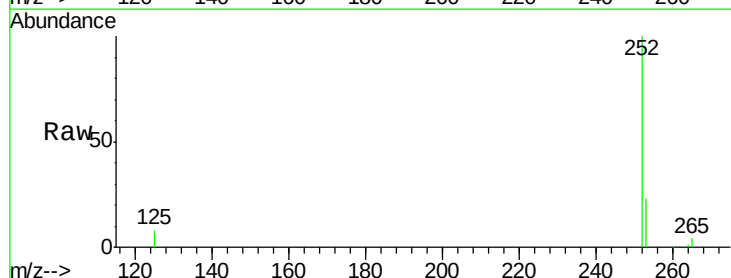
Tgt Ion:252 Resp: 19180

Ion Ratio Lower Upper

252 100

253 22.9 23.3 34.9#

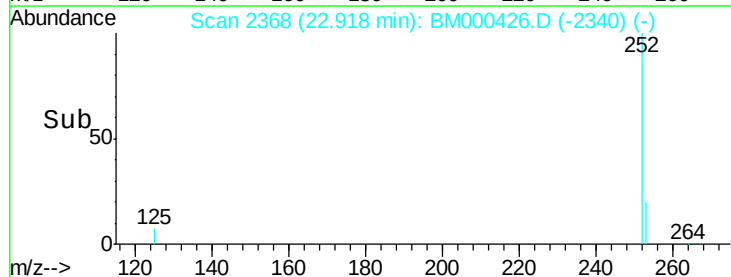
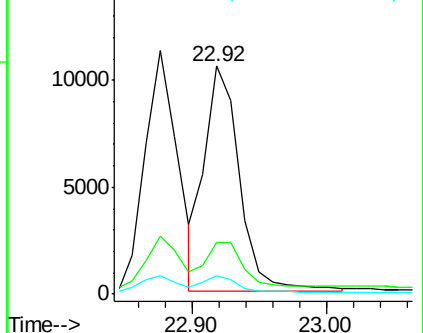
125 8.1 6.2 9.4

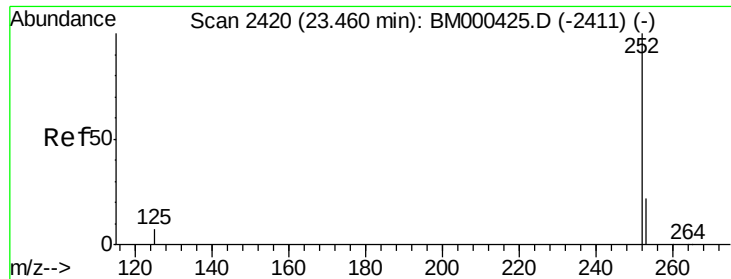


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.76 ng/ul

RT: 23.45 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM000426.D

Acq: 05 Feb 2015 12:17

Instrument :

BNA_M

ClientSampleId :

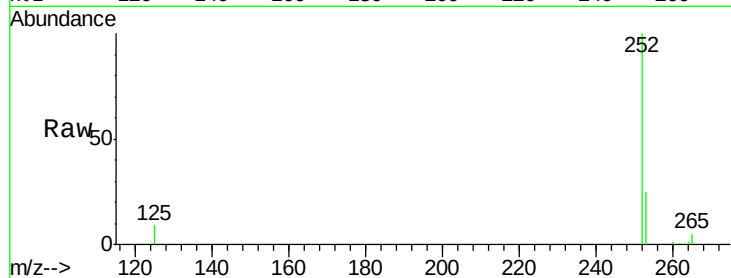
Tgt Ion:252 Resp: 17774

Ion Ratio Lower Upper

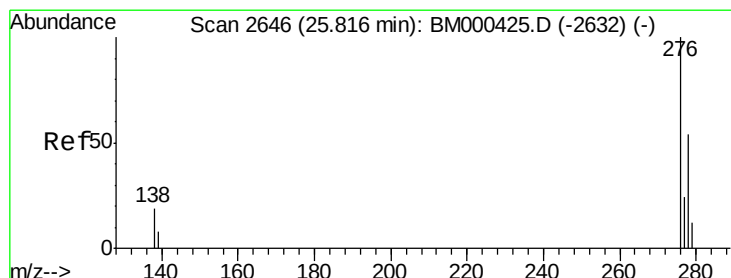
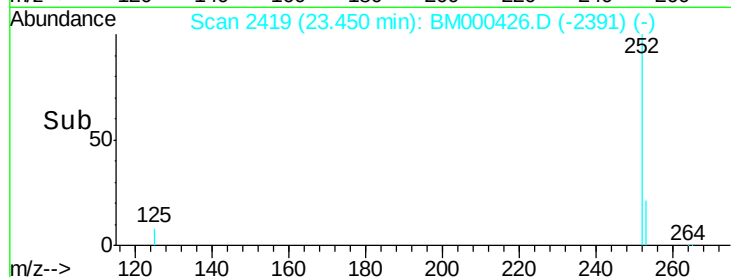
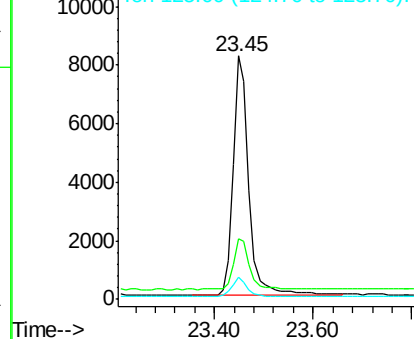
252 100

253 24.7 24.0 36.0

125 8.9 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: 0.86 ng/ul

RT: 25.82 min Scan# 2646

Delta R.T. 0.00 min

Lab File: BM000426.D

Acq: 05 Feb 2015 12:17

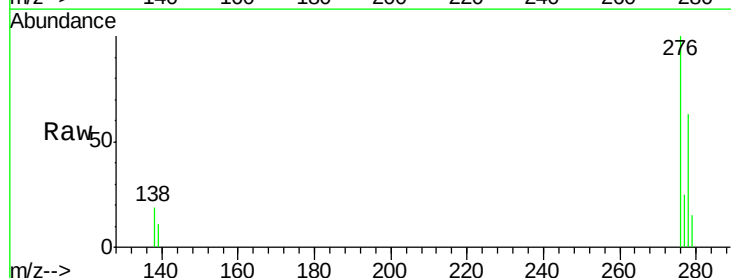
Tgt Ion:276 Resp: 20307

Ion Ratio Lower Upper

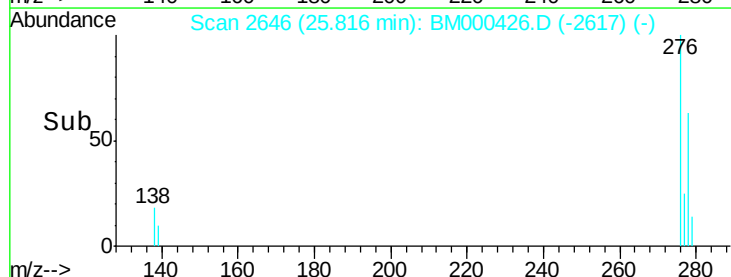
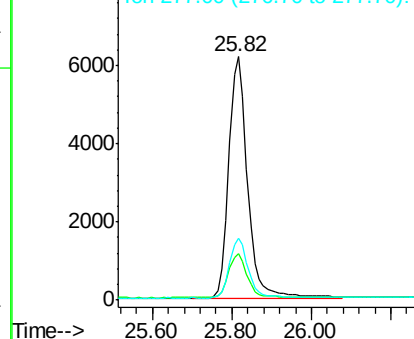
276 100

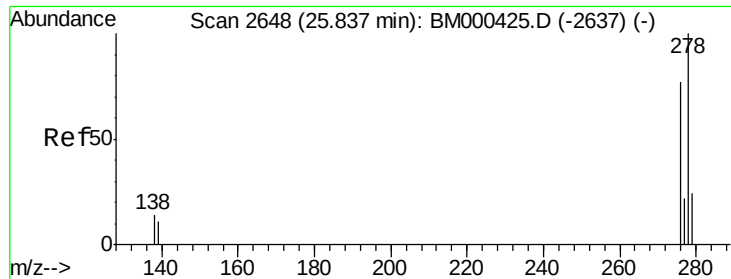
138 18.3 15.0 22.4

277 24.9 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



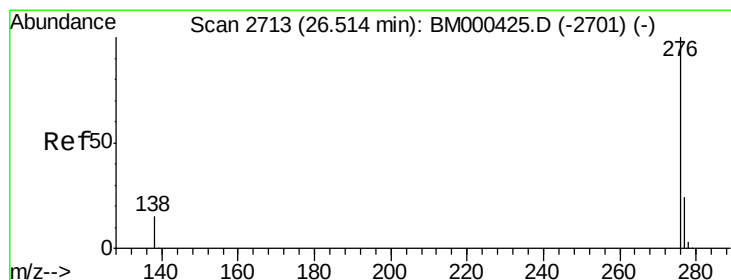
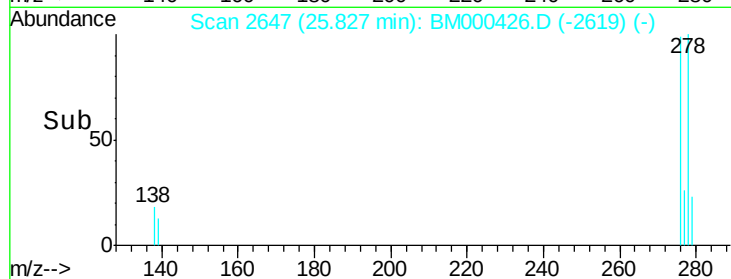
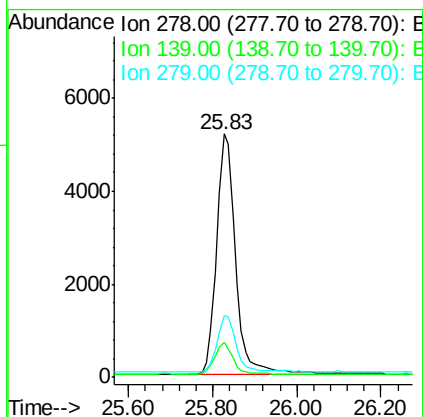
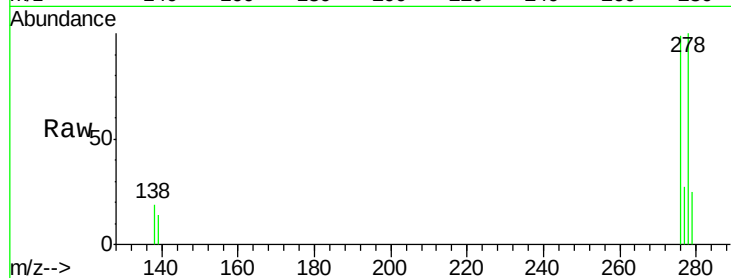


#25
Dibenzo(a,h)anthracene
Concen: 0.87 ng/ul
RT: 25.83 min Scan# 2647
Delta R.T. -0.01 min
Lab File: BM000426.D
Acq: 05 Feb 2015 12:17

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 278 Resp: 16430

Ion	Ratio	Lower	Upper
278	100		
139	14.3	10.9	16.3
279	25.4	22.3	33.5



#26
Benzo(g,h,i)perylene
Concen: 0.86 ng/ul
RT: 26.50 min Scan# 2712
Delta R.T. -0.01 min
Lab File: BM000426.D
Acq: 05 Feb 2015 12:17

Tgt Ion: 276 Resp: 17696

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.6	30.8
138	17.5	13.9	20.9

