

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
 Data File : BM000425.D
 Acq On : 05 Feb 2015 11:42
 Operator : TP/IZ
 Sample : SSTD0.476
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 05 13:08:24 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

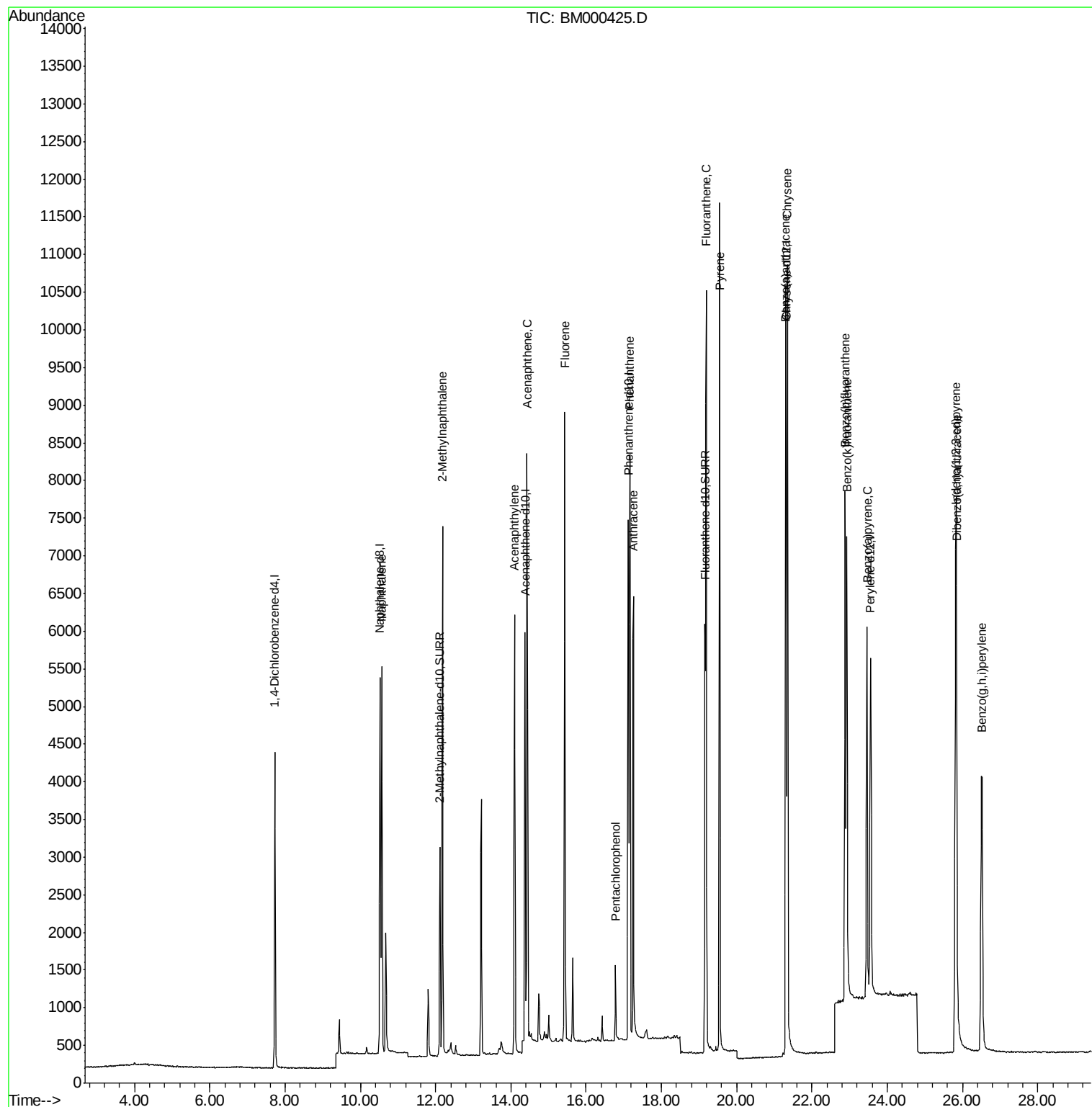
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2210	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7191	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4385	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	8988	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	7772	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	6808	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3737	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7544	0.39	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	7061	0.39	ng/ul	100
5) 2-Methylnaphthalene	12.18	142	4854	0.37	ng/ul	100
7) Acenaphthylene	14.10	152	6873	0.38	ng/ul	100
8) Acenaphthene	14.43	153	5231	0.39	ng/ul	100
9) Fluorene	15.43	166	6224	0.37	ng/ul	100
11) Pentachlorophenol	16.78	266	791	0.69	ng/ul	100
12) Phenanthrene	17.16	178	9868	0.38	ng/ul	100
13) Anthracene	17.26	178	8999	0.37	ng/ul	100
15) Fluoranthene	19.19	202	11096	0.37	ng/ul	100
17) Pyrene	19.55	202	11399	0.36	ng/ul	100
18) Benzo(a)anthracene	21.29	228	9237	0.39	ng/ul	100
19) Chrysene	21.34	228	10279	0.38	ng/ul	100
21) Benzo(b)fluoranthene	22.88	252	9127	0.36	ng/ul	100
22) Benzo(k)fluoranthene	22.93	252	9968	0.37	ng/ul	100
23) Benzo(a)pyrene	23.46	252	8747	0.37	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.82	276	9998	0.42	ng/ul	100
25) Dibenzo(a,h)anthracene	25.84	278	7939	0.42	ng/ul	100
26) Benzo(g,h,i)perylene	26.51	276	8736	0.42	ng/ul	100

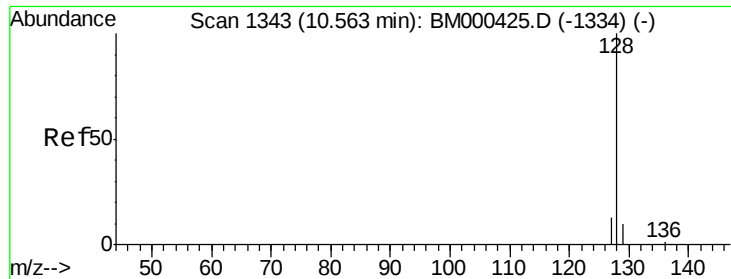
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020515\
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Acq On : 05 Feb 2015 11:42
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Sample : SST0.476
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

Quant Time: Feb 05 13:08:24 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM020515.M
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QLast Update : Thu Feb 05 12:58:49 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.39 ng/ul

RT: 10.56 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BM000425.D

Acq: 05 Feb 2015 11:42

Instrument :

BNA_M

ClientSampleId :

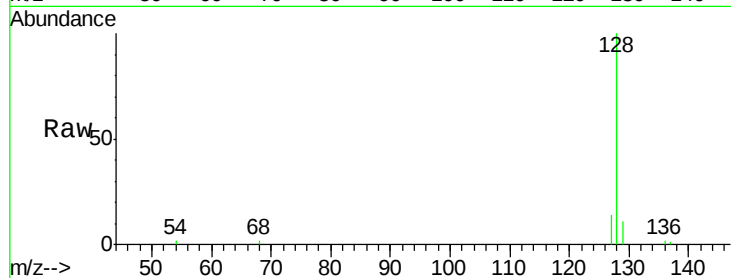
Tgt Ion:128 Resp: 7061

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

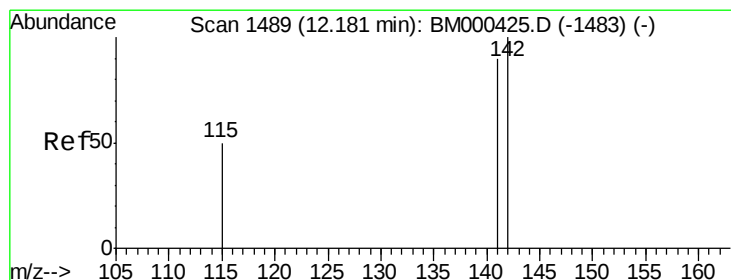
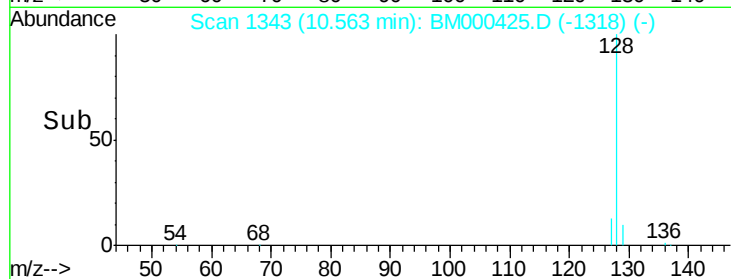
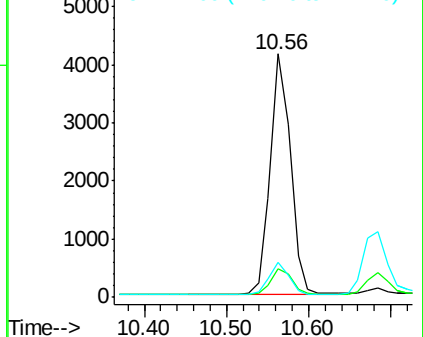
127 14.2 11.4 17.0



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: 0.37 ng/ul

RT: 12.18 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM000425.D

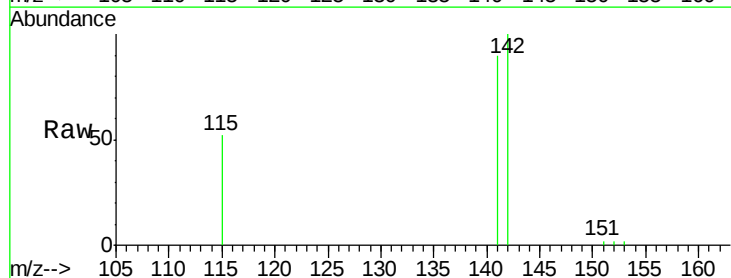
Acq: 05 Feb 2015 11:42

Tgt Ion:142 Resp: 4854

Ion Ratio Lower Upper

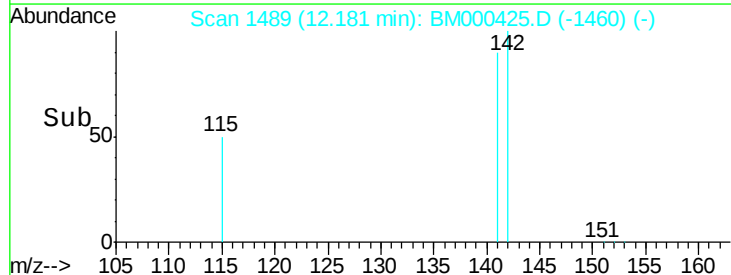
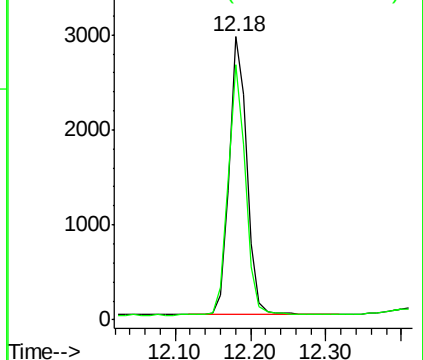
142 100

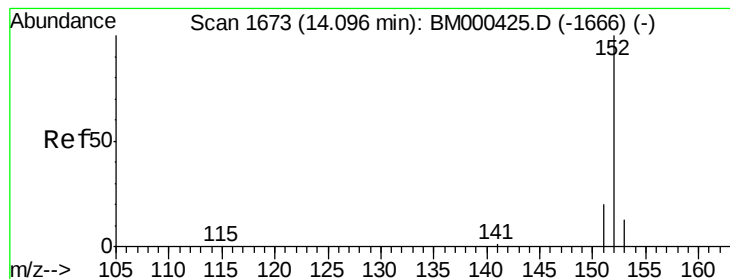
141 88.8 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.38 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BM000425.D

Acq: 05 Feb 2015 11:42

Instrument :

BNA_M

ClientSampleId :

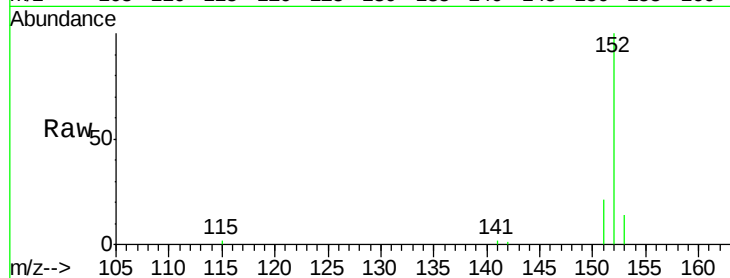
Tgt Ion:152 Resp: 6873

Ion Ratio Lower Upper

152 100

151 20.8 16.6 25.0

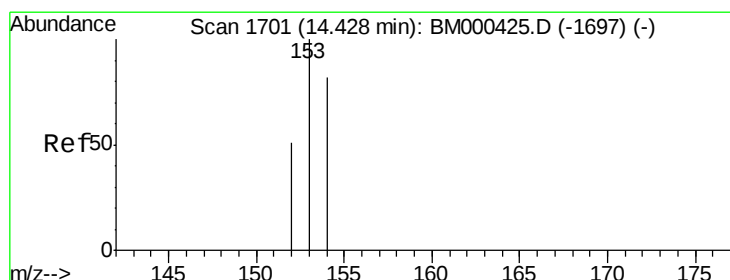
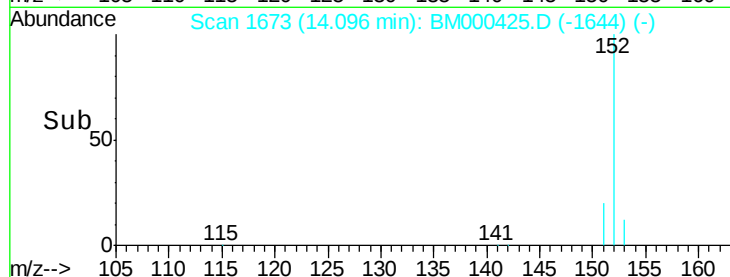
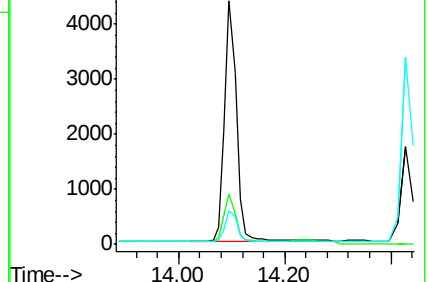
153 14.0 11.2 16.8



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: 0.39 ng/ul

RT: 14.43 min Scan# 1701

Delta R.T. 0.00 min

Lab File: BM000425.D

Acq: 05 Feb 2015 11:42

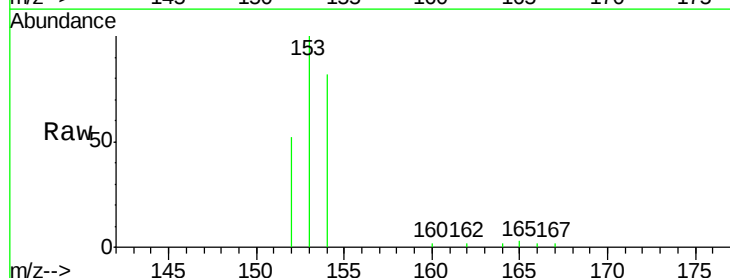
Tgt Ion:153 Resp: 5231

Ion Ratio Lower Upper

153 100

152 52.3 41.8 62.8

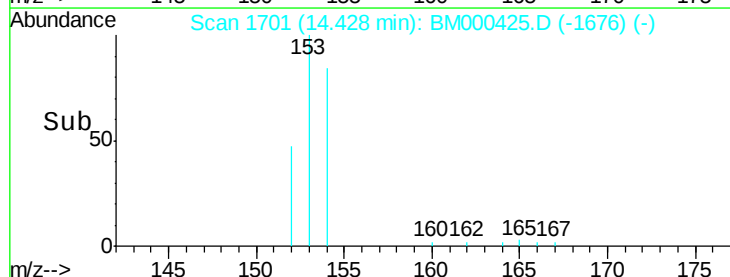
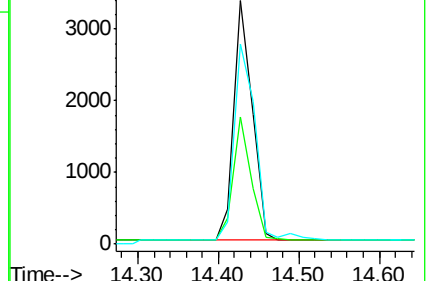
154 82.0 65.6 98.4

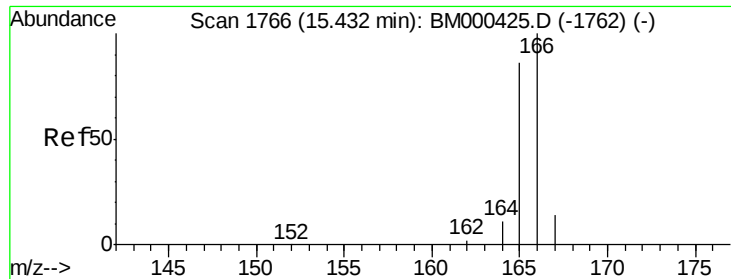


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

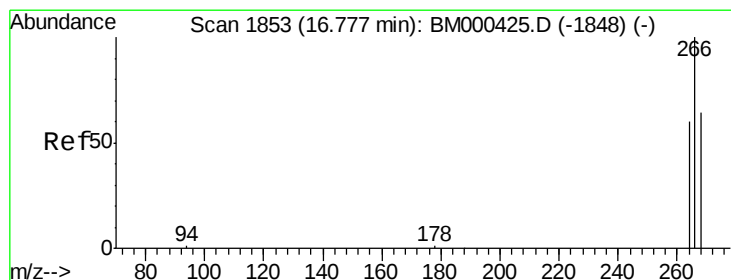
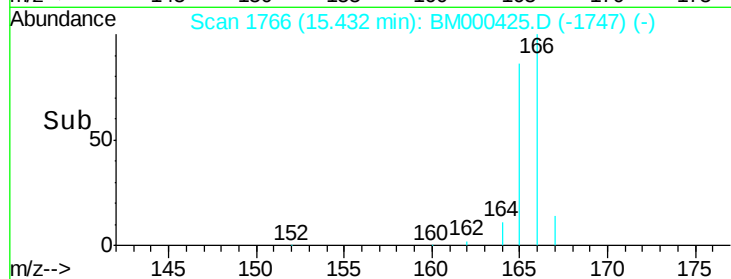
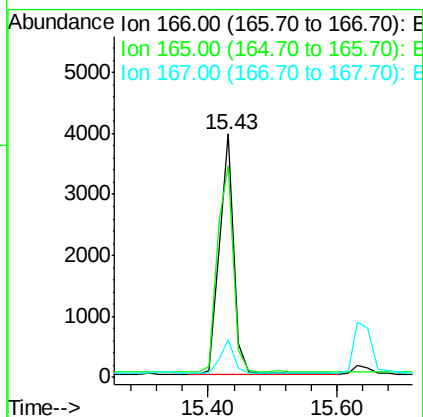
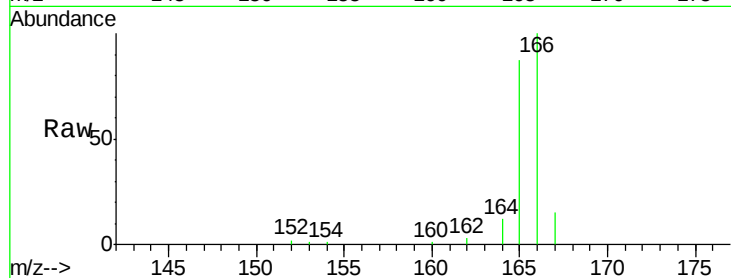




#9
Fluorene
 Concen: 0.37 ng/ul
 RT: 15.43 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BM000425.D
 Acq: 05 Feb 2015 11:42

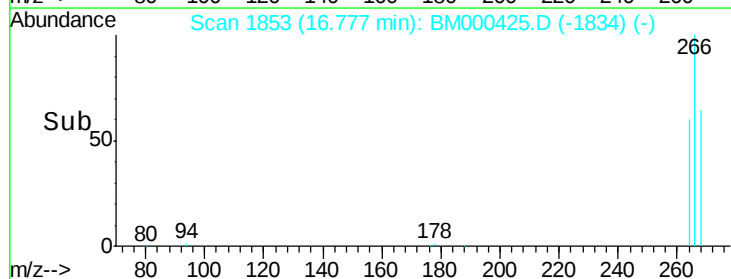
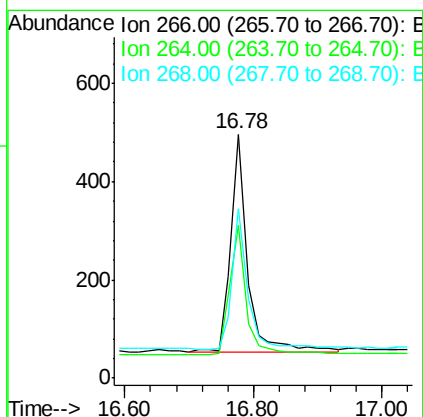
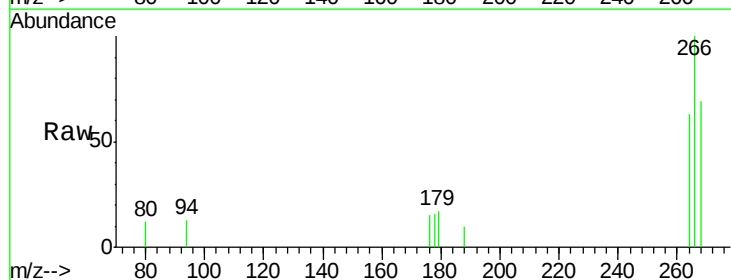
Instrument :
 BNA_M
 ClientSampleId :

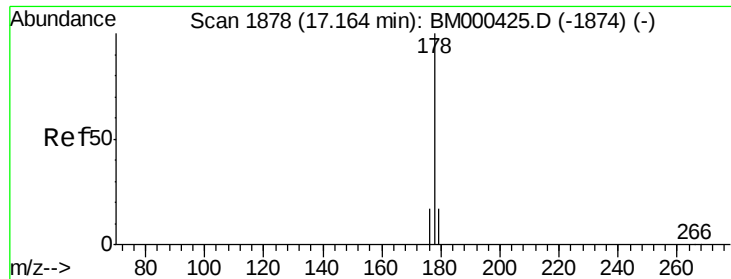
Tgt Ion:166 Resp: 6224
 Ion Ratio Lower Upper
 166 100
 165 86.7 69.4 104.0
 167 15.5 12.4 18.6



#11
Pentachlorophenol
 Concen: 0.69 ng/ul
 RT: 16.78 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BM000425.D
 Acq: 05 Feb 2015 11:42

Tgt Ion:266 Resp: 791
 Ion Ratio Lower Upper
 266 100
 264 62.1 49.8 74.8
 268 61.7 49.4 74.0





#12

Phenanthrene

Concen: 0.38 ng/ul

RT: 17.16 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM000425.D

Acq: 05 Feb 2015 11:42

Instrument :

BNA_M

ClientSampleId :

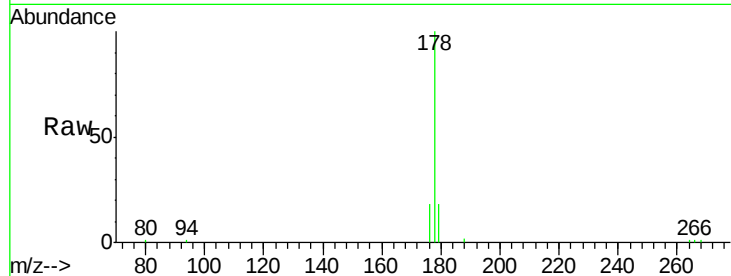
Tgt Ion:178 Resp: 9868

Ion Ratio Lower Upper

178 100

176 17.9 14.3 21.5

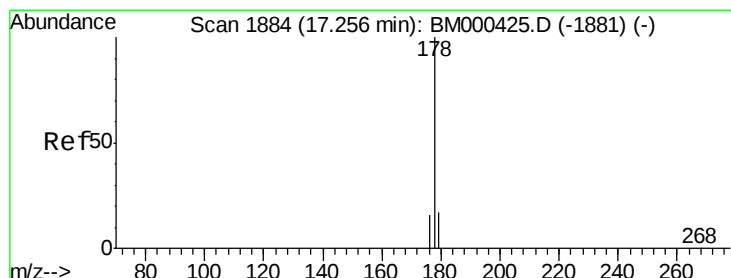
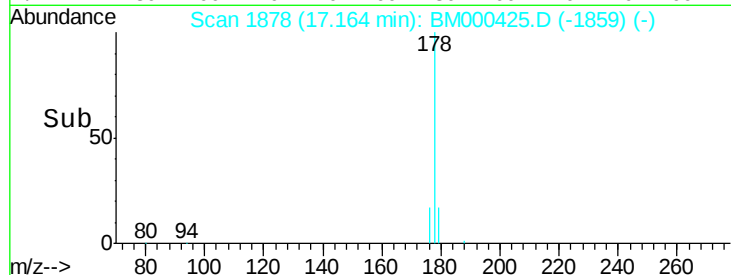
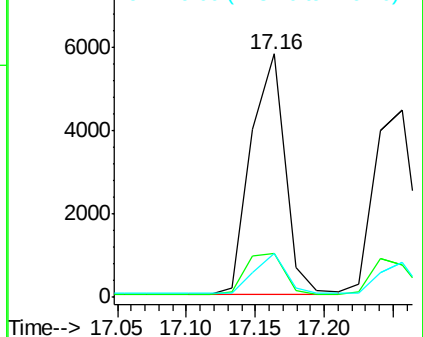
179 18.0 14.4 21.6



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: 0.37 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM000425.D

Acq: 05 Feb 2015 11:42

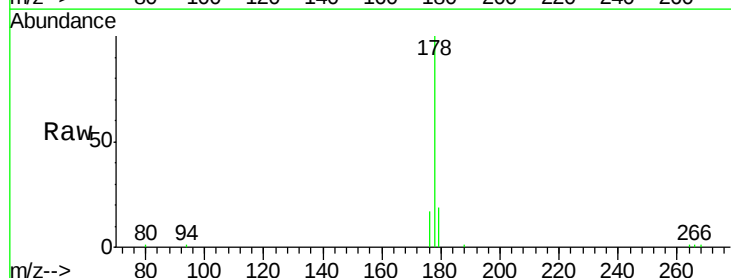
Tgt Ion:178 Resp: 8999

Ion Ratio Lower Upper

178 100

176 17.3 13.8 20.8

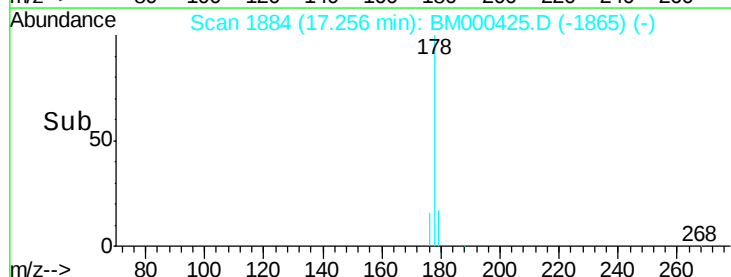
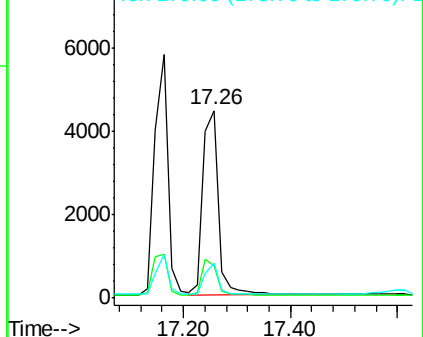
179 18.5 14.8 22.2

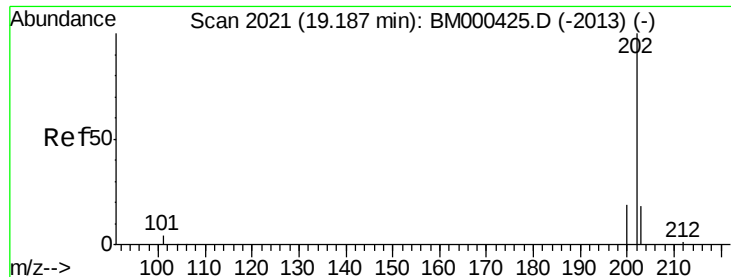


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

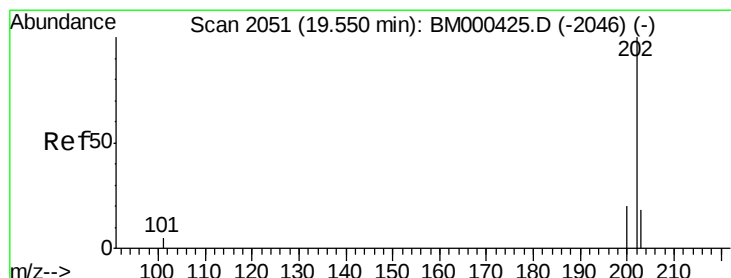
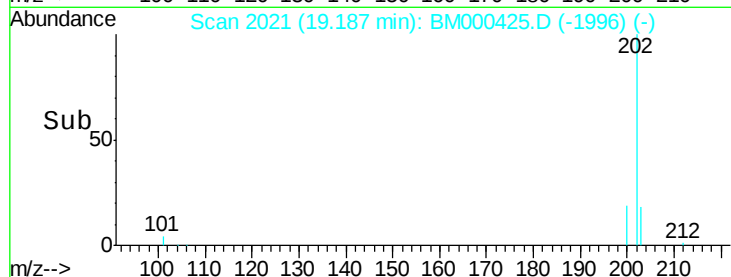
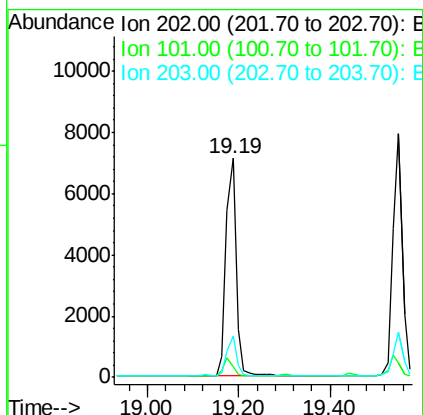
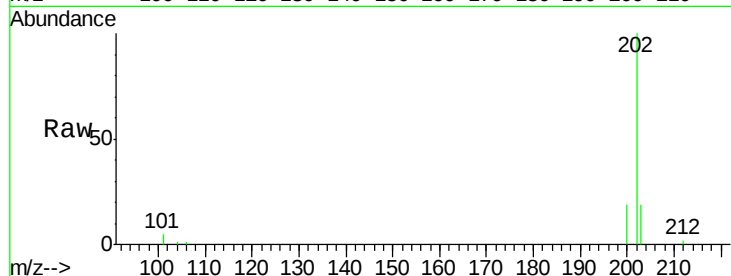




#15
Fluoranthene
Concen: 0.37 ng/ul
RT: 19.19 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BM000425.D
Acq: 05 Feb 2015 11:42

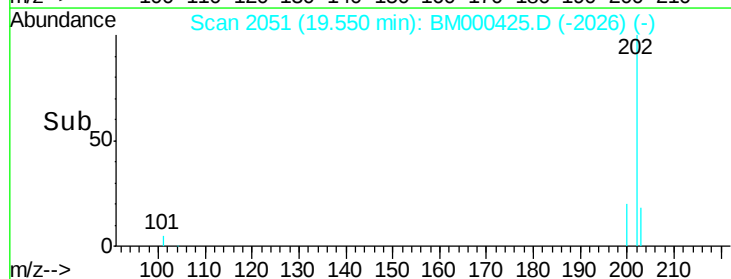
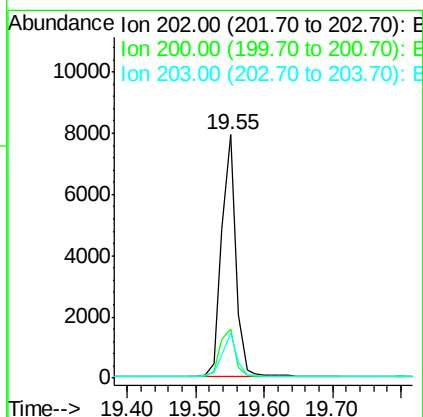
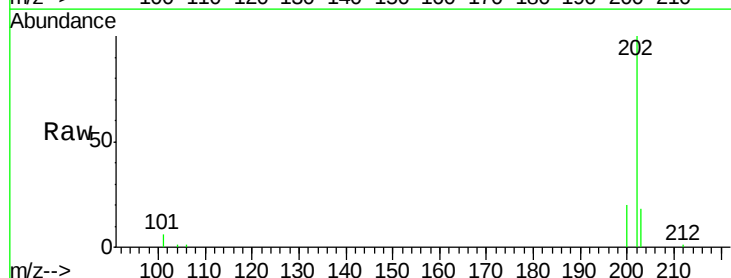
Instrument :
BNA_M
ClientSampleId :

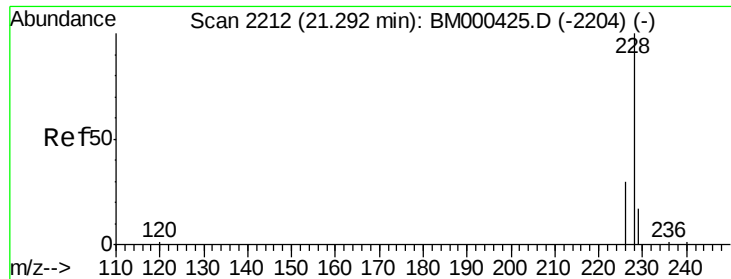
Tgt Ion:202 Resp: 11096
Ion Ratio Lower Upper
202 100
101 4.6 0.0 24.6
203 18.9 0.0 38.9



#17
Pyrene
Concen: 0.36 ng/ul
RT: 19.55 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM000425.D
Acq: 05 Feb 2015 11:42

Tgt Ion:202 Resp: 11399
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 18.4 14.7 22.1





#18

Benzo(a)anthracene

Concen: 0.39 ng/ul

RT: 21.29 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BM000425.D

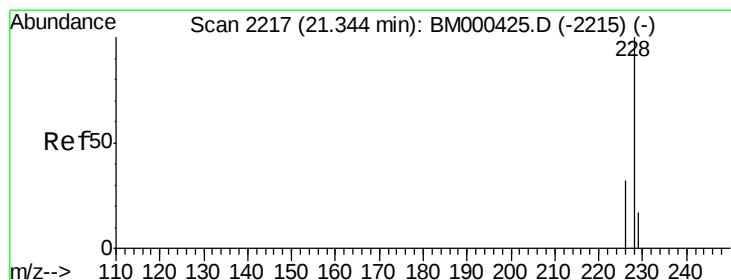
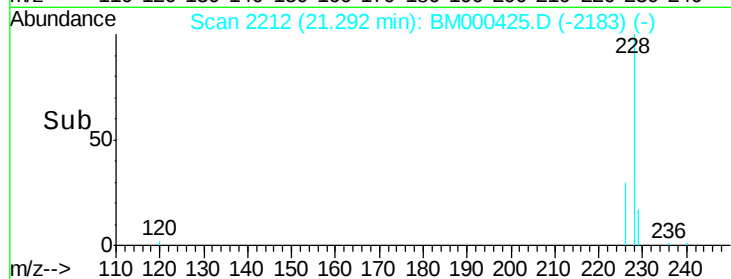
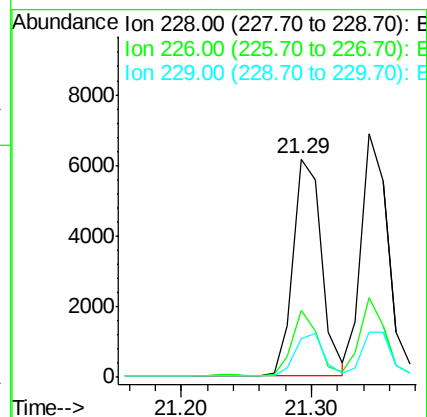
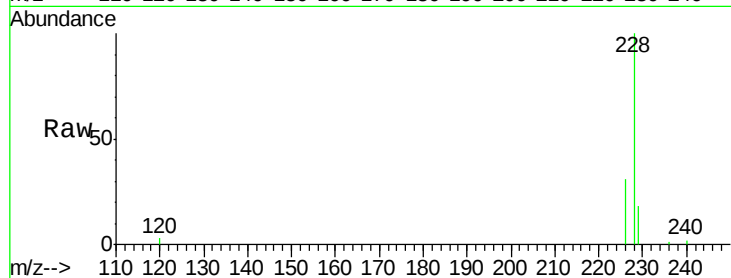
Acq: 05 Feb 2015 11:42

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	228	Resp:	9237
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	17.5	14.0	21.0



#19

Chrysene

Concen: 0.38 ng/ul

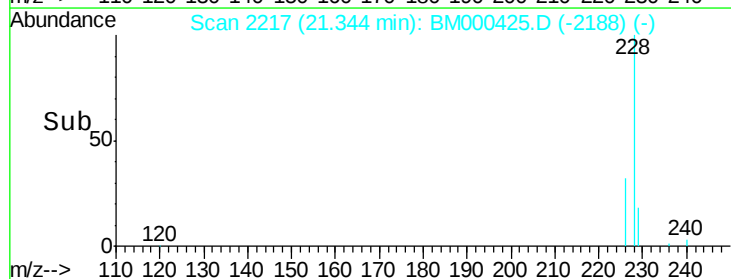
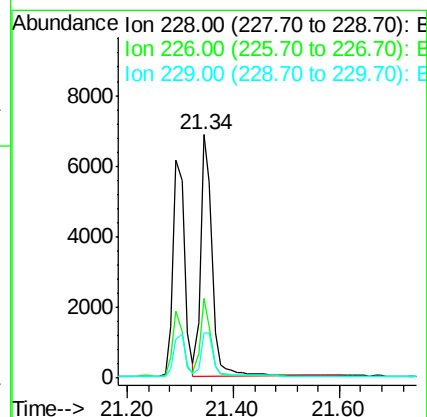
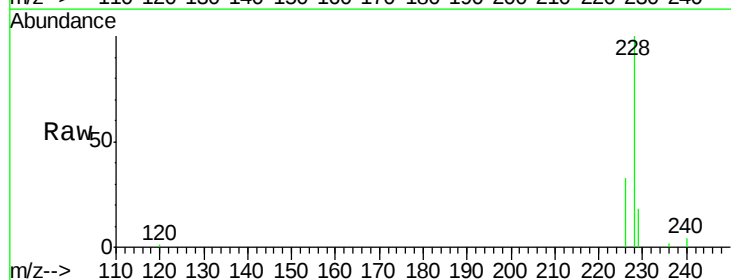
RT: 21.34 min Scan# 2217

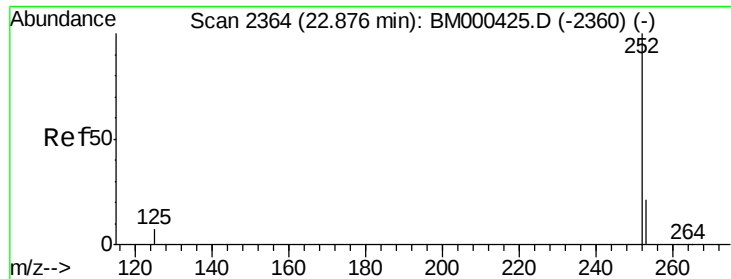
Delta R.T. 0.00 min

Lab File: BM000425.D

Acq: 05 Feb 2015 11:42

Tgt Ion:	228	Resp:	10279
Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.2	39.4
229	18.3	14.6	22.0





#21

Benzo(b)fluoranthene

Concen: 0.36 ng/u1

RT: 22.88 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BM000425.D

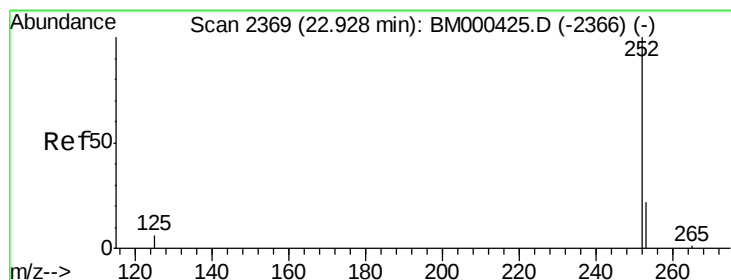
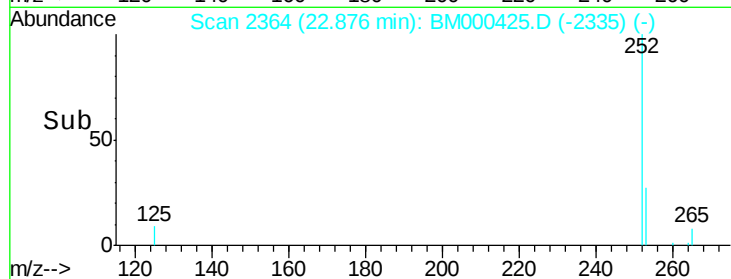
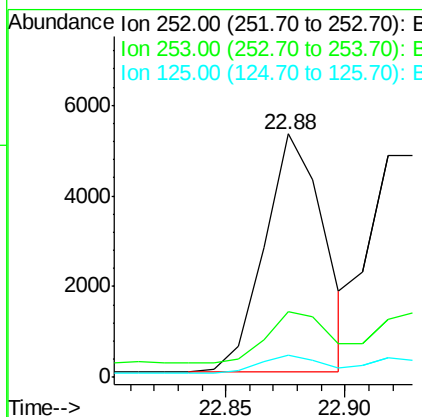
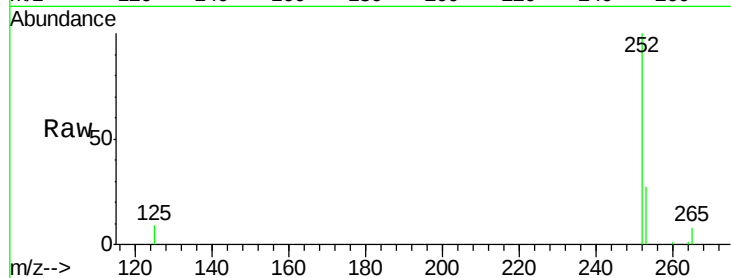
Acq: 05 Feb 2015 11:42

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	252	Resp:	9127
Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	53.8
125	9.0	0.0	18.0



#22

Benzo(k)fluoranthene

Concen: 0.37 ng/u1

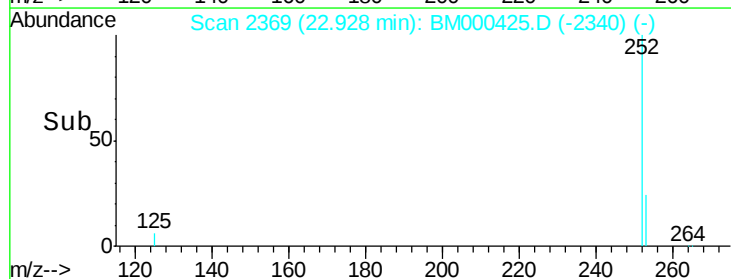
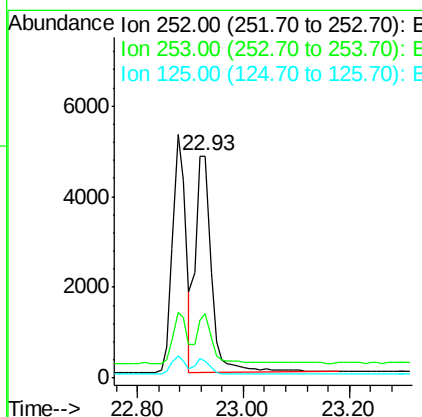
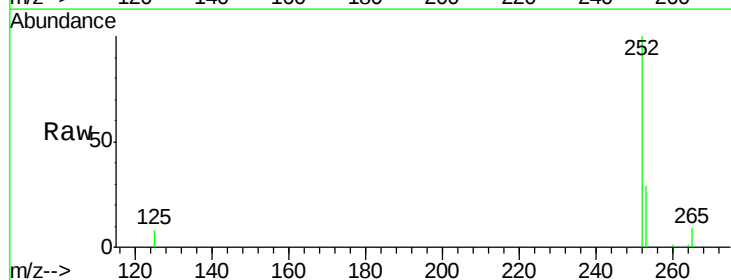
RT: 22.93 min Scan# 2369

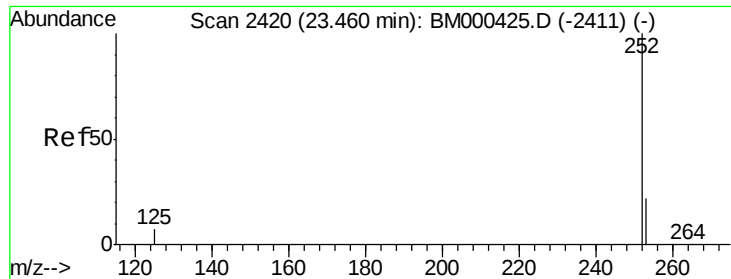
Delta R.T. 0.00 min

Lab File: BM000425.D

Acq: 05 Feb 2015 11:42

Tgt Ion:	252	Resp:	9968
Ion	Ratio	Lower	Upper
252	100		
253	29.1	23.3	34.9
125	7.8	6.2	9.4





#23

Benzo(a)pyrene

Concen: 0.37 ng/ul

RT: 23.46 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM000425.D

Acq: 05 Feb 2015 11:42

Instrument :

BNA_M

ClientSampleId :

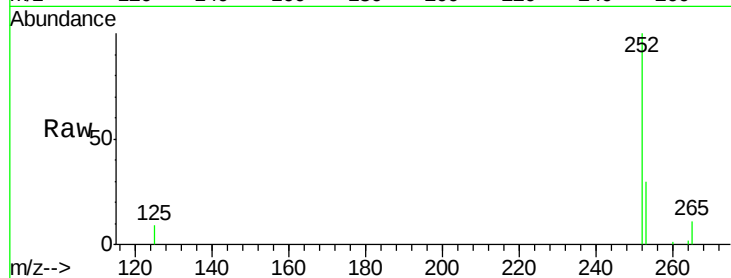
Tgt Ion:252 Resp: 8747

Ion Ratio Lower Upper

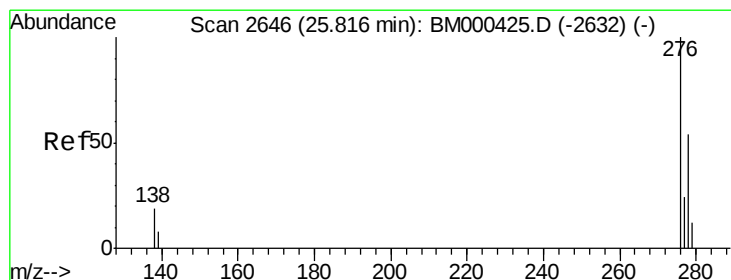
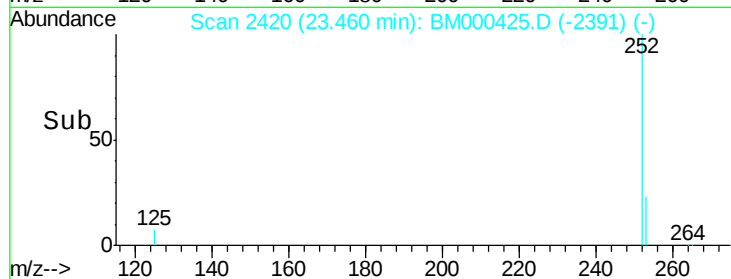
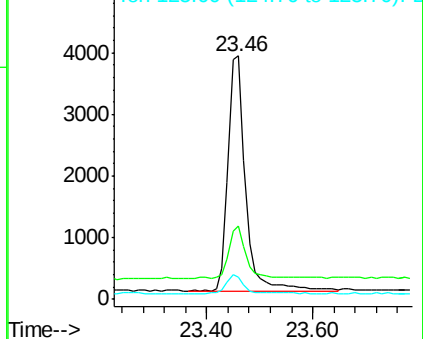
252 100

253 30.0 24.0 36.0

125 9.2 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: 0.42 ng/ul

RT: 25.82 min Scan# 2646

Delta R.T. 0.00 min

Lab File: BM000425.D

Acq: 05 Feb 2015 11:42

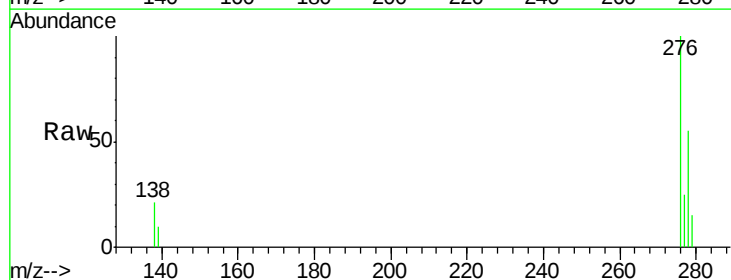
Tgt Ion:276 Resp: 9998

Ion Ratio Lower Upper

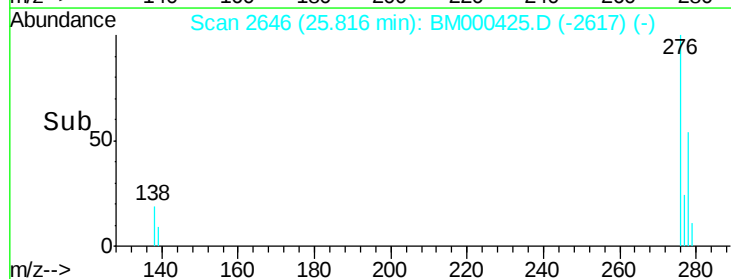
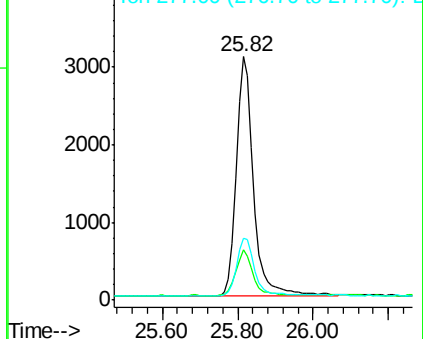
276 100

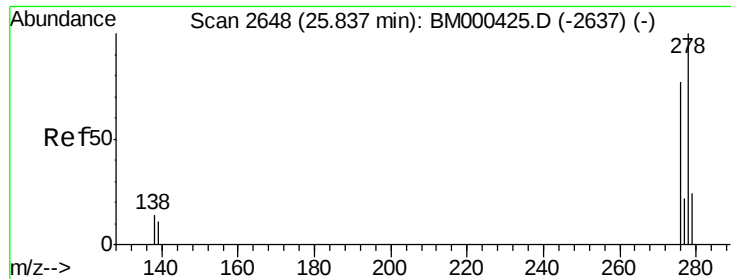
138 18.7 15.0 22.4

277 24.8 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



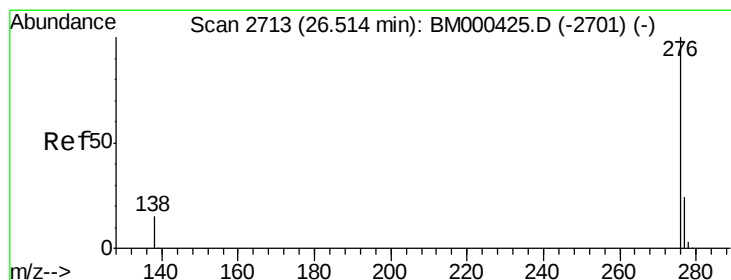
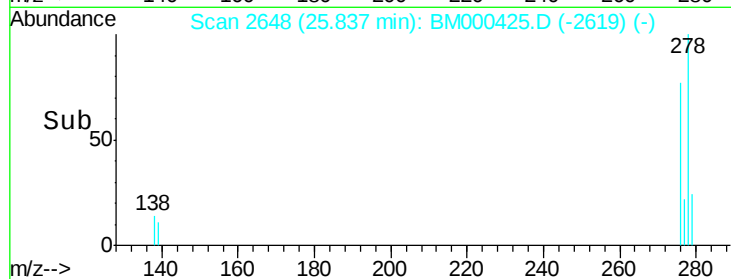
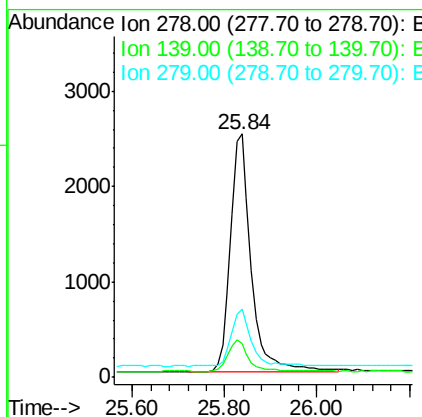
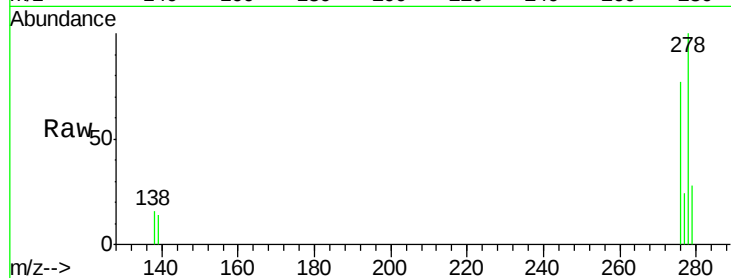


#25
Dibenzo(a,h)anthracene
Concen: 0.42 ng/ul
RT: 25.84 min Scan# 2648
Delta R.T. 0.00 min
Lab File: BM000425.D
Acq: 05 Feb 2015 11:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 278 Resp: 7939

Ion	Ratio	Lower	Upper
278	100		
139	13.6	10.9	16.3
279	27.9	22.3	33.5



#26
Benzo(g,h,i)perylene
Concen: 0.42 ng/ul
RT: 26.51 min Scan# 2713
Delta R.T. 0.00 min
Lab File: BM000425.D
Acq: 05 Feb 2015 11:42

Tgt Ion: 276 Resp: 8736

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.6	30.8
138	17.4	13.9	20.9

