

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020615\
 Data File : BM000438.D
 Acq On : 06 Feb 2015 17:43
 Operator : TP/IZ
 Sample : SSTD0.483
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD0.483

Quant Time: Feb 07 00:44:26 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM020615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 00:33:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2221	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7159	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4576	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	8596	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	6863	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	5949	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	4120	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7923	0.46	ng/ul	0.00

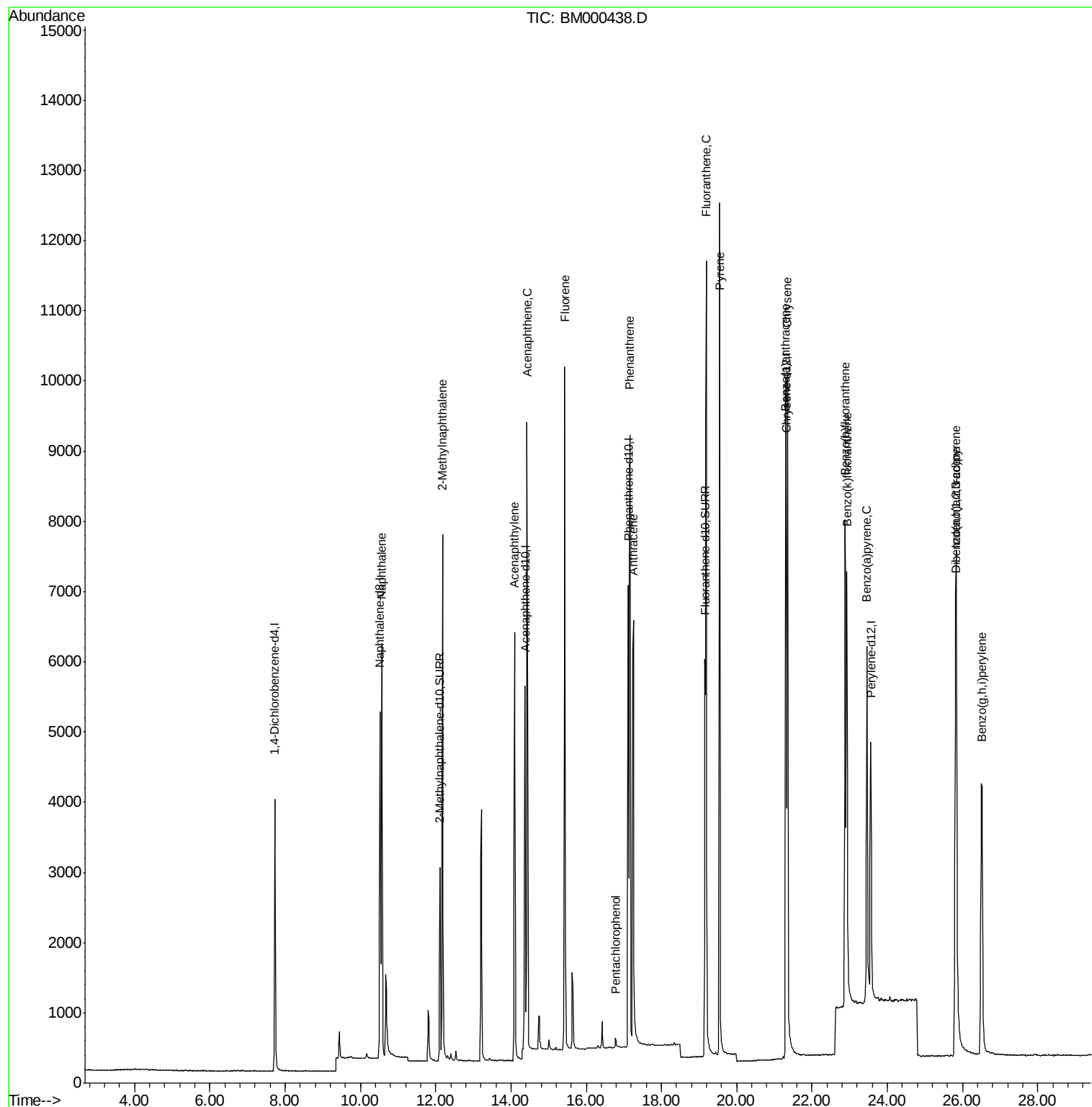
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	8255	0.49	ng/ul	100
5) 2-Methylnaphthalene	12.18	142	5632	0.53	ng/ul#	100
7) Acenaphthylene	14.10	152	7896	0.13	ng/ul	100
8) Acenaphthene	14.43	153	6062	0.15	ng/ul	100
9) Fluorene	15.43	166	7221	0.49	ng/ul	100
11) Pentachlorophenol	16.78	266	167	0.42	ng/ul#	100
12) Phenanthrene	17.16	178	11255	0.15	ng/ul	100
13) Anthracene	17.26	178	9986	0.14	ng/ul	100
15) Fluoranthene	19.19	202	12406	0.16	ng/ul	100
17) Pyrene	19.55	202	12702	0.22	ng/ul	100
18) Benzo(a)anthracene	21.29	228	9168	0.17	ng/ul	100
19) Chrysene	21.34	228	10833	0.19	ng/ul	100
21) Benzo(b)fluoranthene	22.88	252	9336	0.08	ng/ul	100
22) Benzo(k)fluoranthene	22.93	252	10313	0.08	ng/ul	100
23) Benzo(a)pyrene	23.46	252	9043	0.08	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.82	276	10451	0.23	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.84	278	8325	0.60	ng/ul	100
26) Benzo(g,h,i)perylene	26.51	276	9126	0.19	ng/ul	100

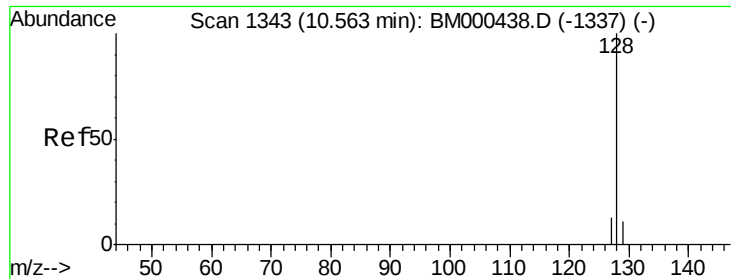
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.49 ng/ul

RT: 10.56 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BM000438.D

Acq: 06 Feb 2015 17:43

Instrument :

BNA_M

LabSampleId :

SSTD0.483

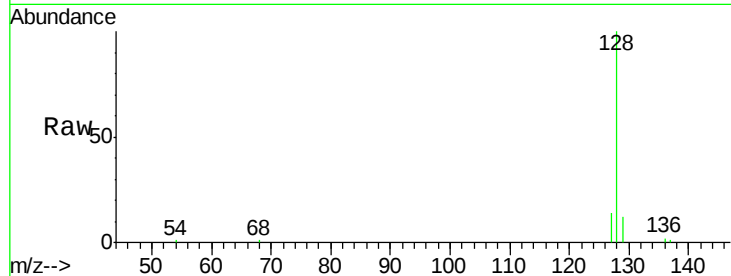
Tgt Ion:128 Resp: 8255

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

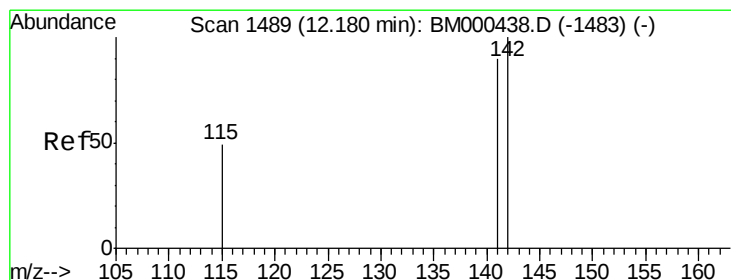
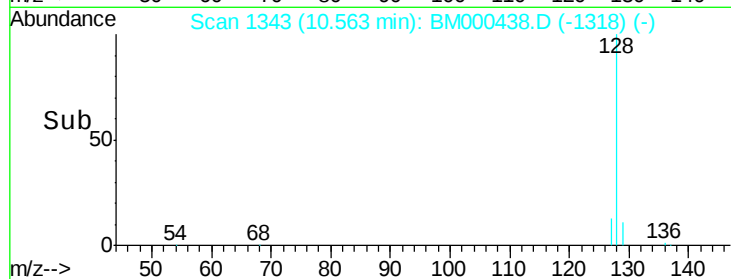
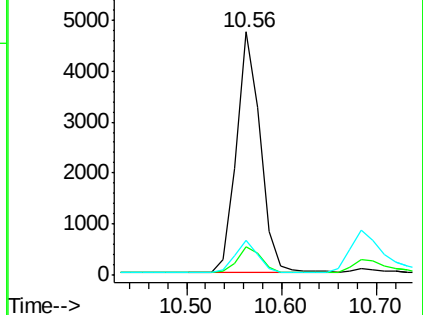
127 14.2 11.4 17.0



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: 0.53 ng/ul

RT: 12.18 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM000438.D

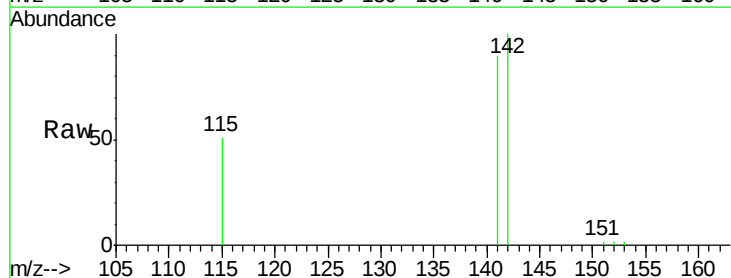
Acq: 06 Feb 2015 17:43

Tgt Ion:142 Resp: 5632

Ion Ratio Lower Upper

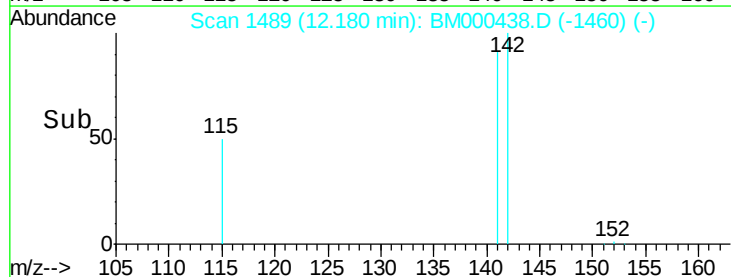
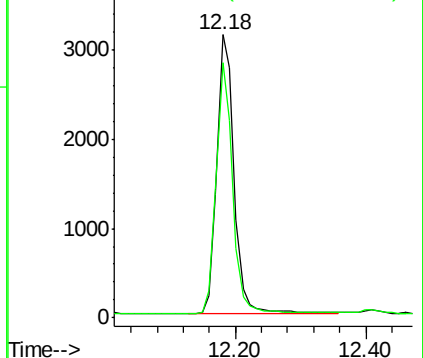
142 100

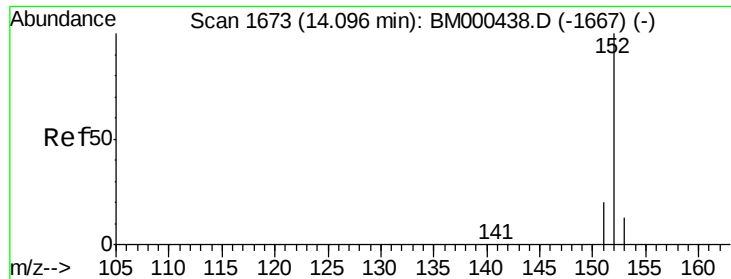
141 87.0 0.0 0.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.13 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BM000438.D

Acq: 06 Feb 2015 17:43

Instrument :

BNA_M

LabSampleId :

SSTD0.483

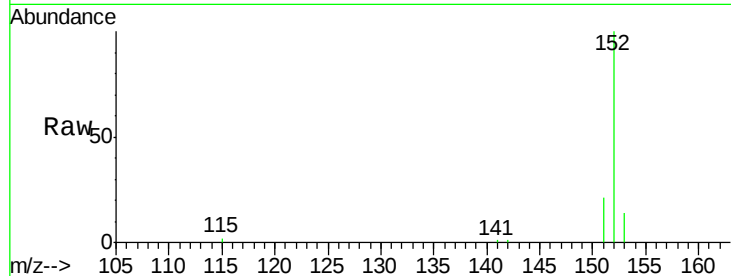
Tgt Ion:152 Resp: 7896

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

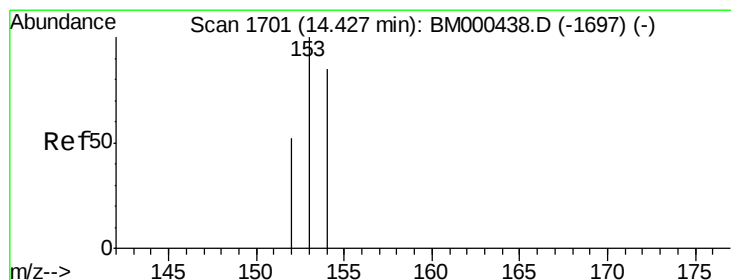
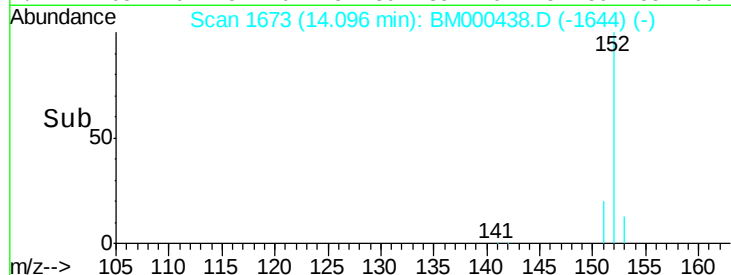
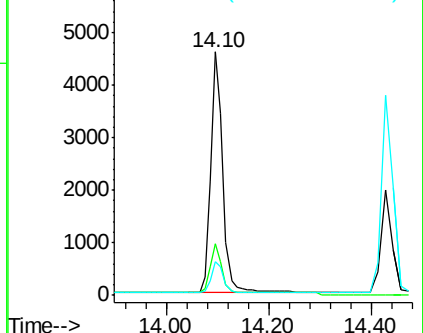
153 13.8 11.0 16.6



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: 0.15 ng/ul

RT: 14.43 min Scan# 1701

Delta R.T. 0.00 min

Lab File: BM000438.D

Acq: 06 Feb 2015 17:43

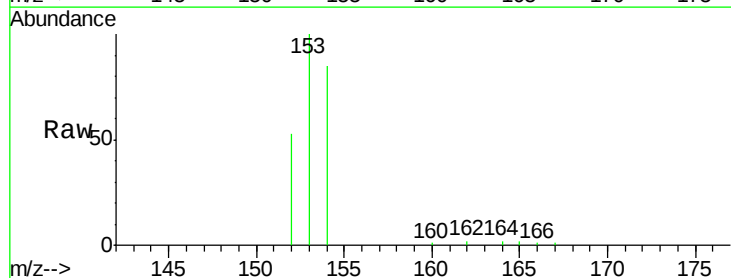
Tgt Ion:153 Resp: 6062

Ion Ratio Lower Upper

153 100

152 53.0 42.4 63.6

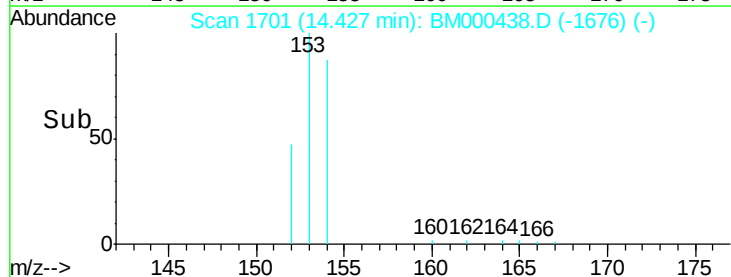
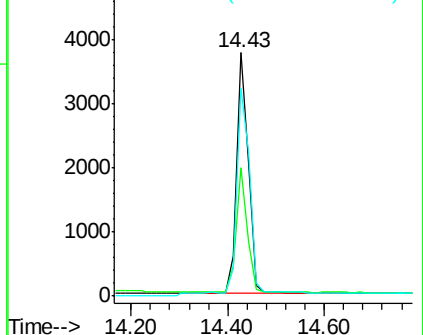
154 85.3 68.2 102.4

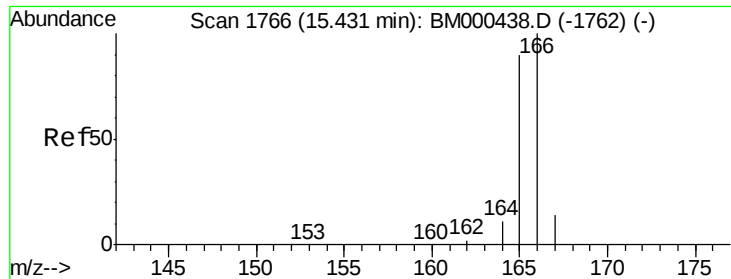


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

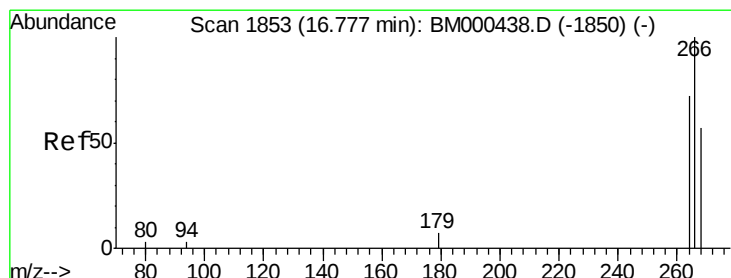
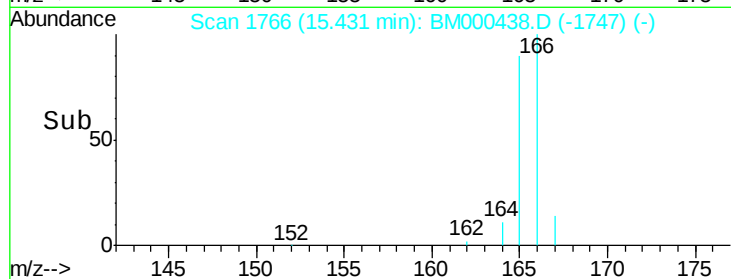
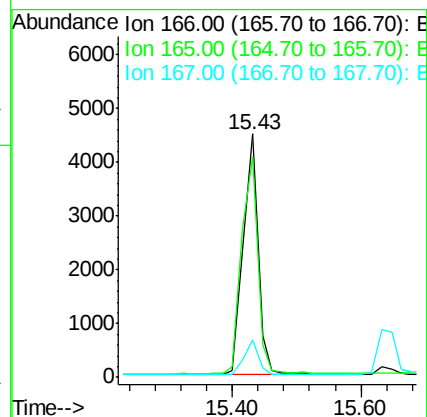
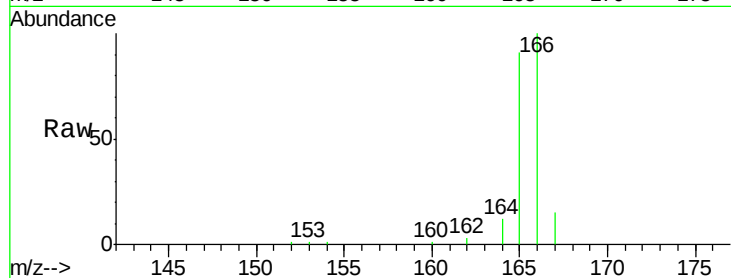




#9
Fluorene
 Concen: 0.49 ng/ul
 RT: 15.43 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BM000438.D
 Acq: 06 Feb 2015 17:43

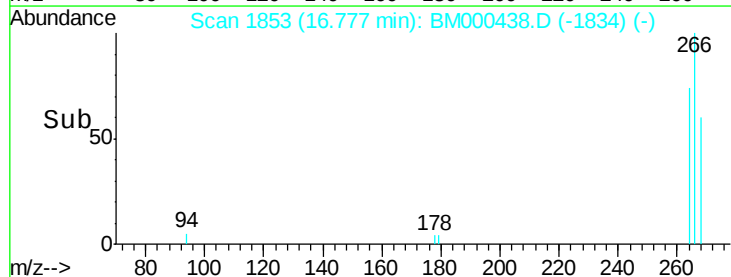
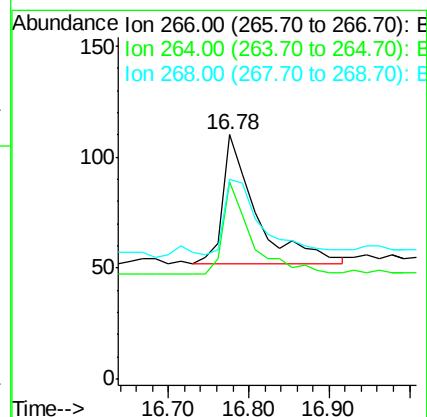
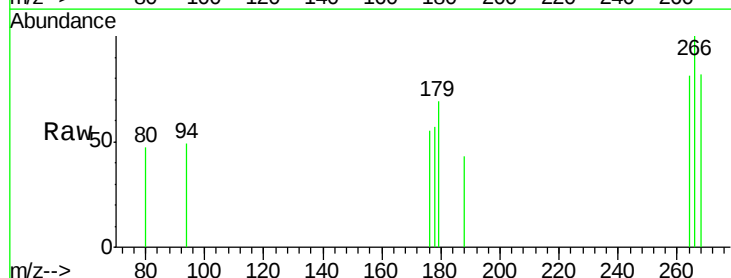
Instrument :
 BNA_M
 LabSampleId :
 SST0.483

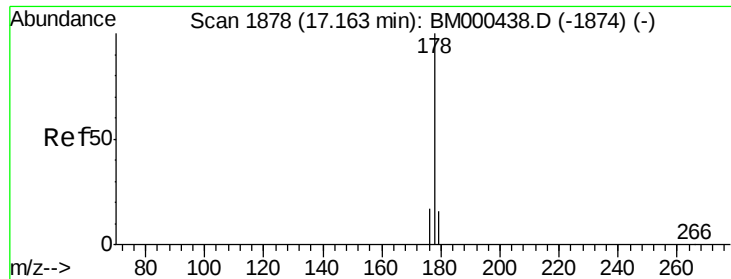
Tgt Ion:166 Resp: 7221
 Ion Ratio Lower Upper
 166 100
 165 90.7 72.6 108.8
 167 15.2 12.2 18.2



#11
Pentachlorophenol
 Concen: 0.42 ng/ul
 RT: 16.78 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BM000438.D
 Acq: 06 Feb 2015 17:43

Tgt Ion:266 Resp: 167
 Ion Ratio Lower Upper
 266 100
 264 74.9 0.0 0.0#
 268 64.1 0.0 0.0#





#12

Phenanthrene

Concen: 0.15 ng/ul

RT: 17.16 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM000438.D

Acq: 06 Feb 2015 17:43

Instrument :

BNA_M

LabSampleId :

SSTD0.483

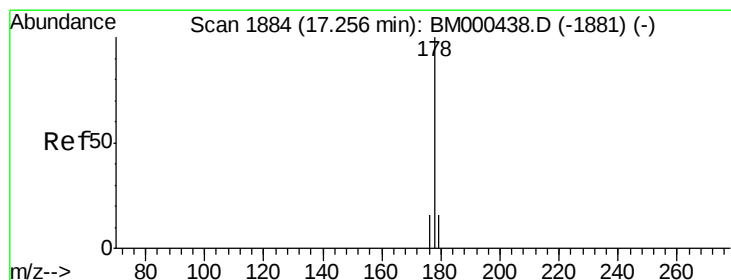
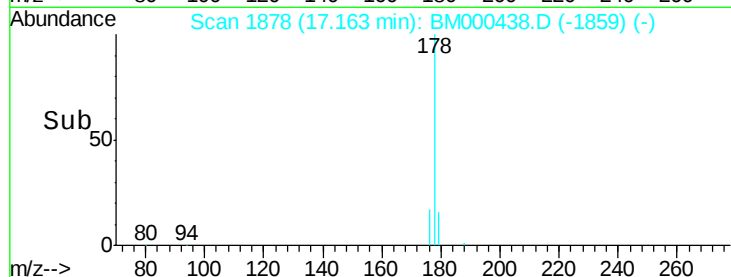
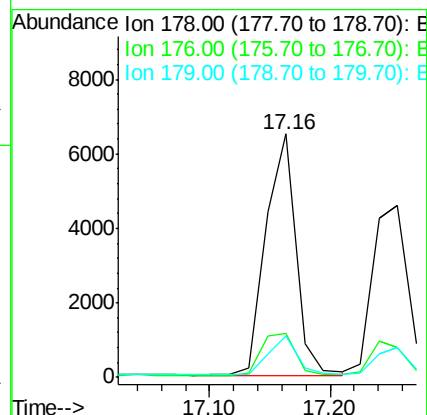
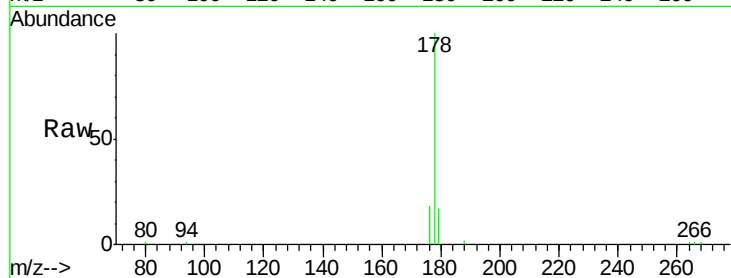
Tgt Ion:178 Resp: 11255

Ion Ratio Lower Upper

178 100

176 17.9 14.3 21.5

179 17.1 13.7 20.5



#13

Anthracene

Concen: 0.14 ng/ul

RT: 17.26 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BM000438.D

Acq: 06 Feb 2015 17:43

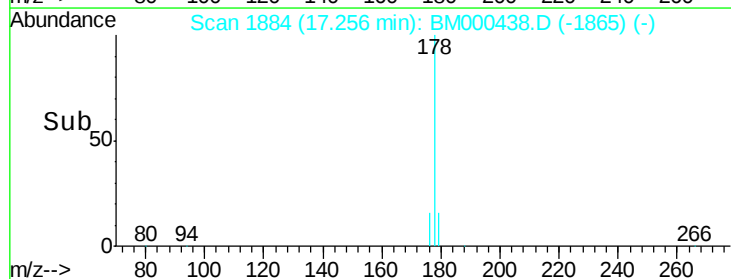
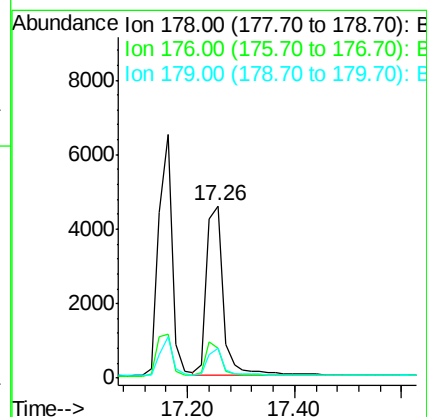
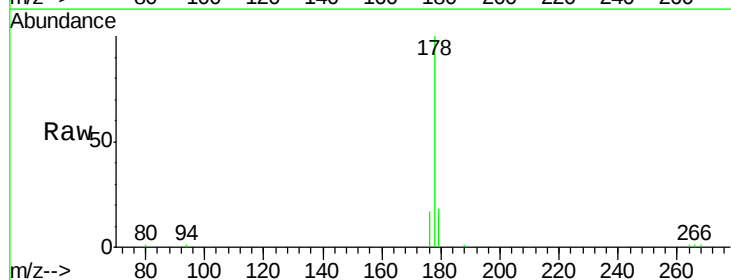
Tgt Ion:178 Resp: 9986

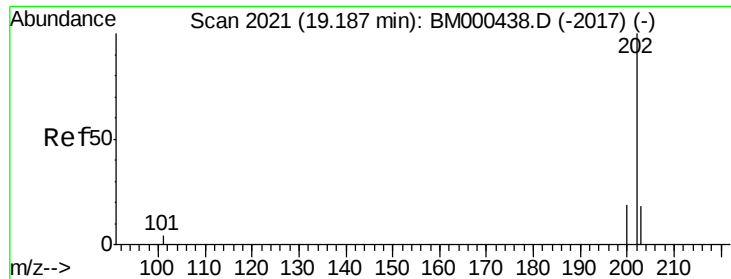
Ion Ratio Lower Upper

178 100

176 17.5 14.0 21.0

179 17.6 14.1 21.1

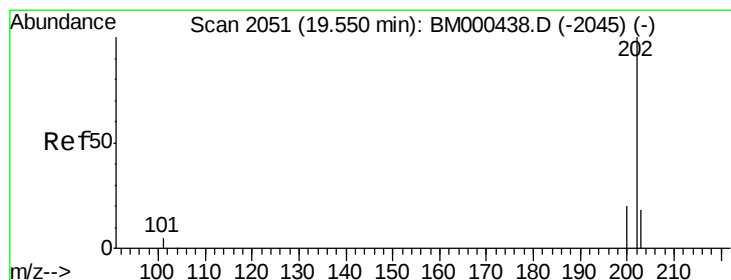
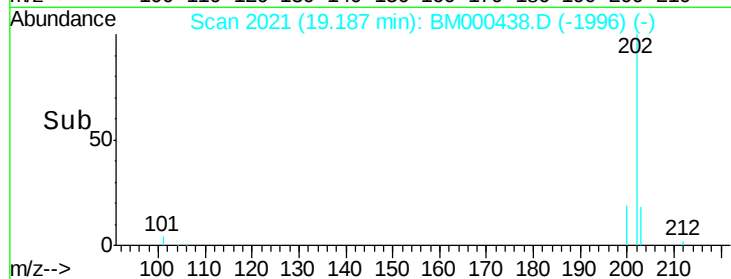
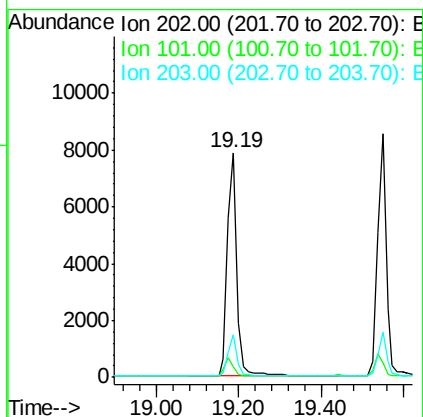
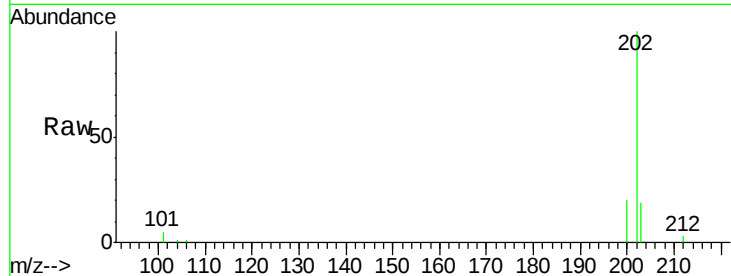




#15
Fluoranthene
Concen: 0.16 ng/ul
RT: 19.19 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BM000438.D
Acq: 06 Feb 2015 17:43

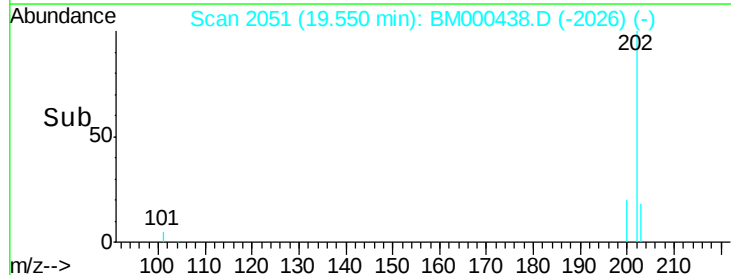
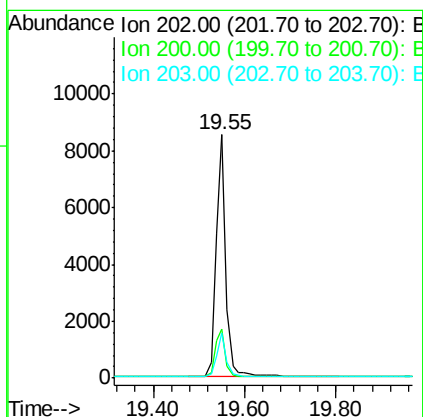
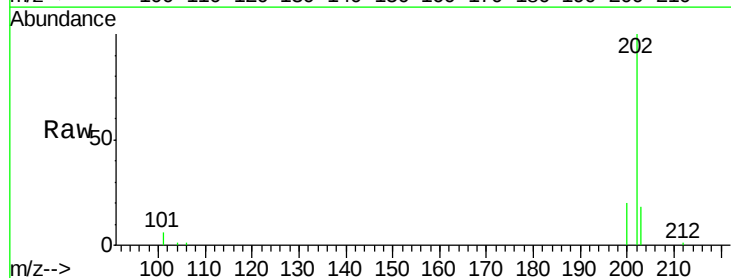
Instrument :
BNA_M
LabSampleId :
SSTD0.483

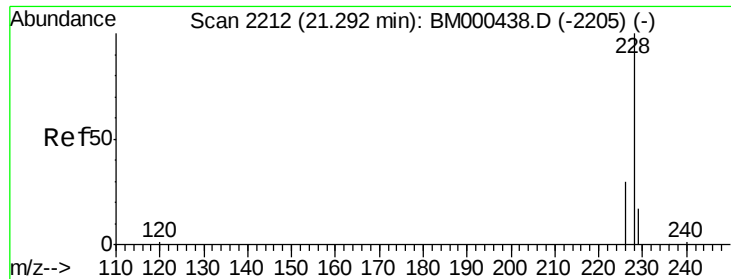
Tgt Ion:202 Resp: 12406
Ion Ratio Lower Upper
202 100
101 4.8 0.0 24.8
203 18.9 0.0 38.9



#17
Pyrene
Concen: 0.22 ng/ul
RT: 19.55 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM000438.D
Acq: 06 Feb 2015 17:43

Tgt Ion:202 Resp: 12702
Ion Ratio Lower Upper
202 100
200 20.0 16.0 24.0
203 18.4 14.7 22.1





#18

Benzo(a)anthracene

Concen: 0.17 ng/ul

RT: 21.29 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BM000438.D

Acq: 06 Feb 2015 17:43

Instrument :

BNA_M

LabSampleId :

SSTD0.483

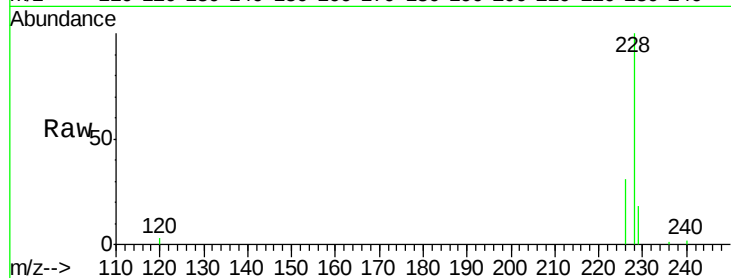
Tgt Ion:228 Resp: 9168

Ion Ratio Lower Upper

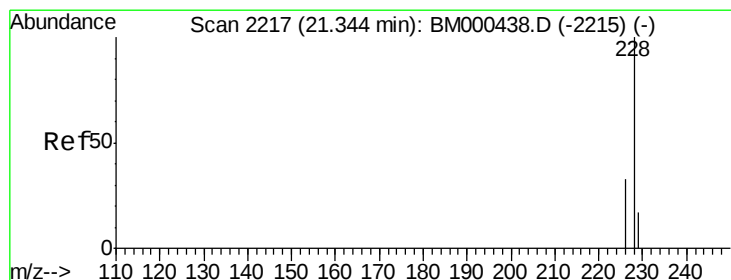
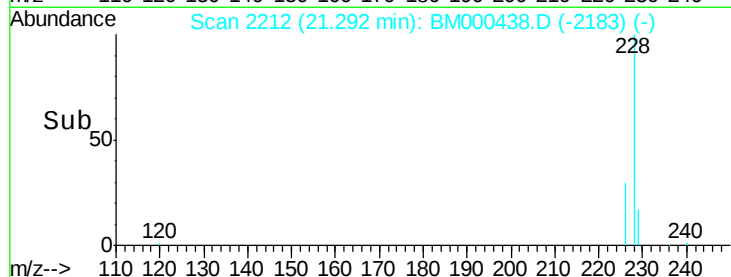
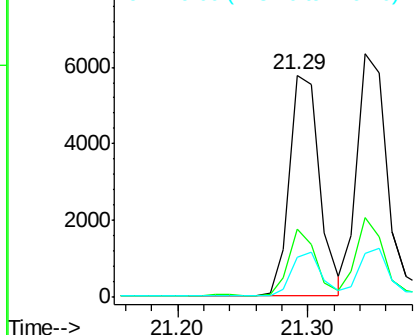
228 100

226 30.7 24.6 36.8

229 17.9 14.3 21.5



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: 0.19 ng/ul

RT: 21.34 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BM000438.D

Acq: 06 Feb 2015 17:43

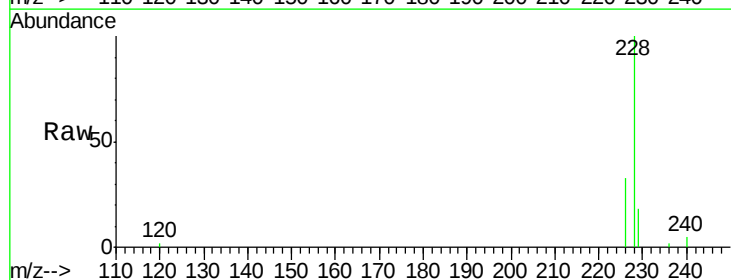
Tgt Ion:228 Resp: 10833

Ion Ratio Lower Upper

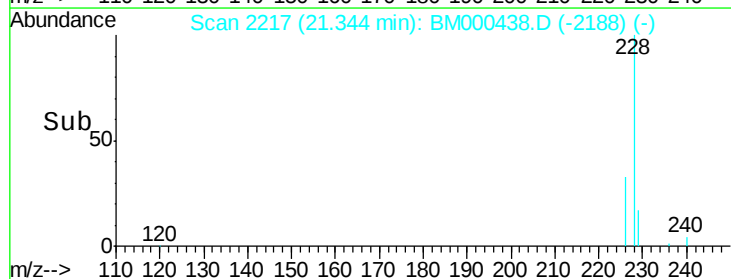
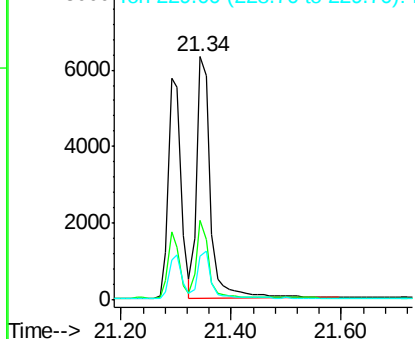
228 100

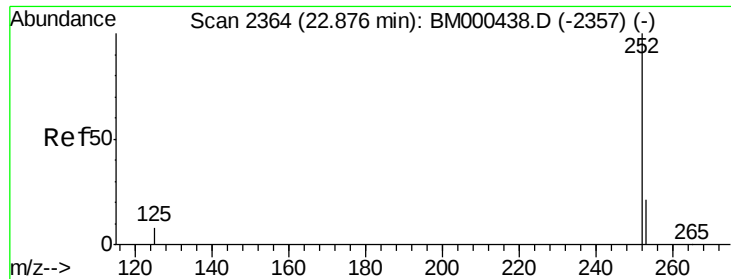
226 33.0 26.4 39.6

229 18.0 14.4 21.6



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: 0.08 ng/ul

RT: 22.88 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BM000438.D

Acq: 06 Feb 2015 17:43

Instrument :

BNA_M

LabSampleId :

SSTD0.483

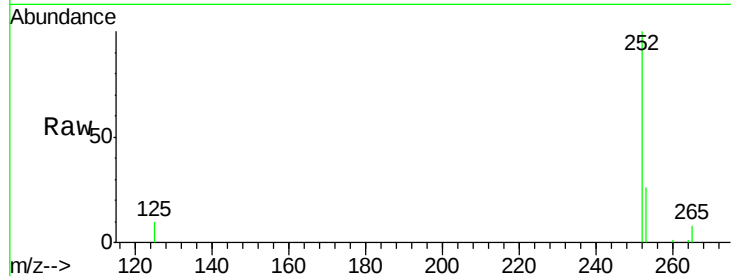
Tgt Ion:252 Resp: 9336

Ion Ratio Lower Upper

252 100

253 25.6 0.0 51.2

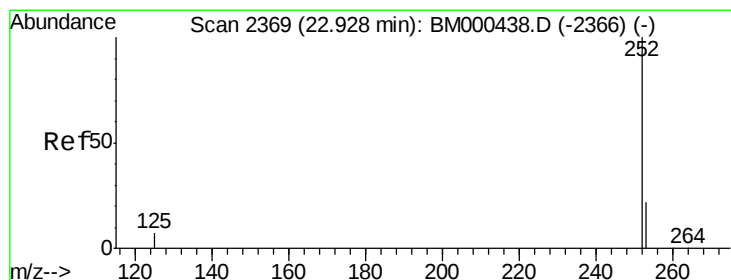
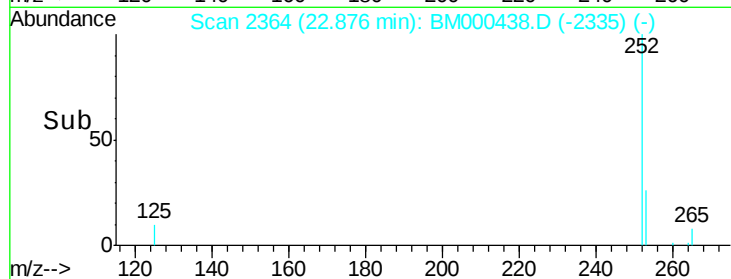
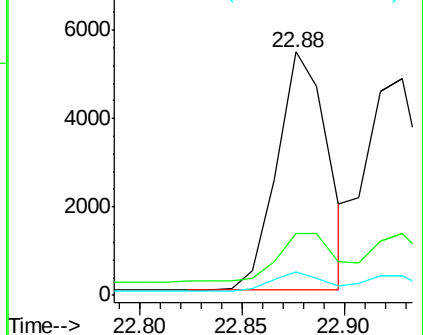
125 9.6 0.0 19.2



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: 0.08 ng/ul

RT: 22.93 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BM000438.D

Acq: 06 Feb 2015 17:43

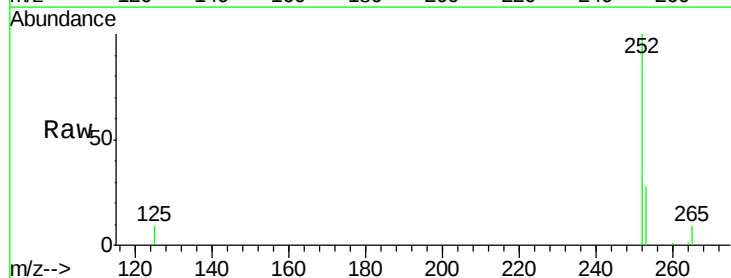
Tgt Ion:252 Resp: 10313

Ion Ratio Lower Upper

252 100

253 28.3 22.6 34.0

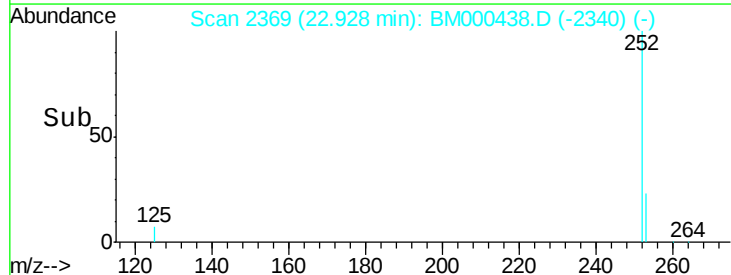
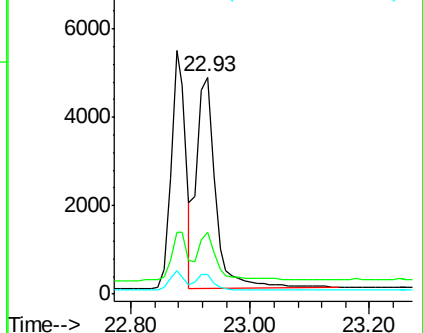
125 8.8 7.0 10.6

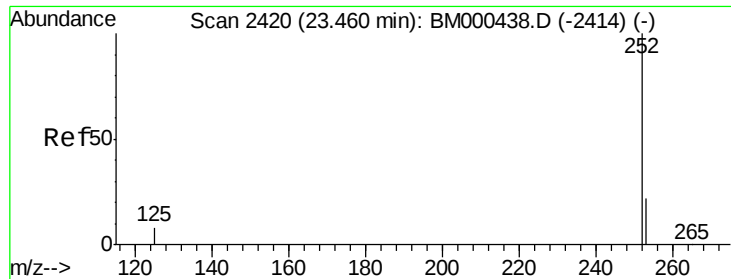


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.46 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM000438.D

Acq: 06 Feb 2015 17:43

Instrument :

BNA_M

LabSampleId :

SSTD0.483

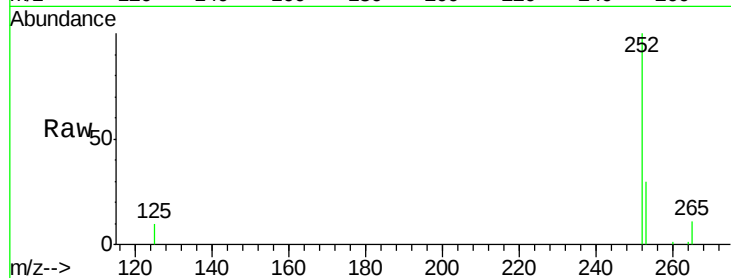
Tgt Ion:252 Resp: 9043

Ion Ratio Lower Upper

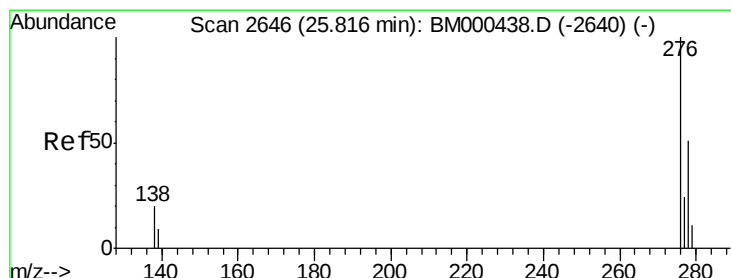
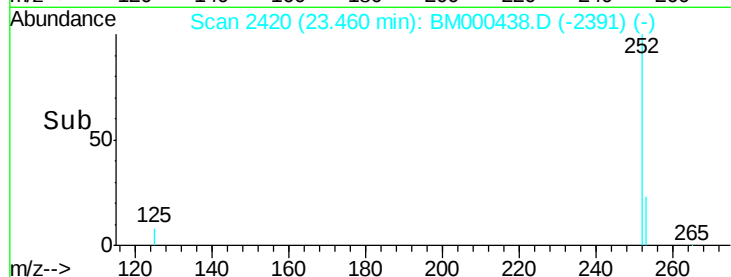
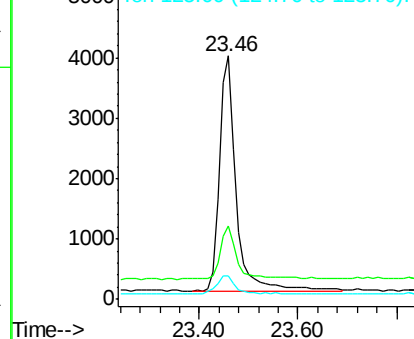
252 100

253 30.3 24.2 36.4

125 9.8 7.8 11.8



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: 0.23 ng/ul

RT: 25.82 min Scan# 2646

Delta R.T. 0.00 min

Lab File: BM000438.D

Acq: 06 Feb 2015 17:43

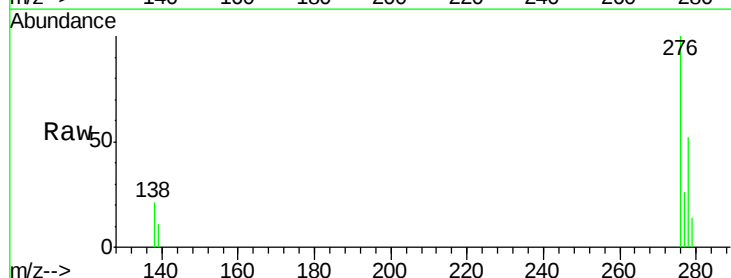
Tgt Ion:276 Resp: 10451

Ion Ratio Lower Upper

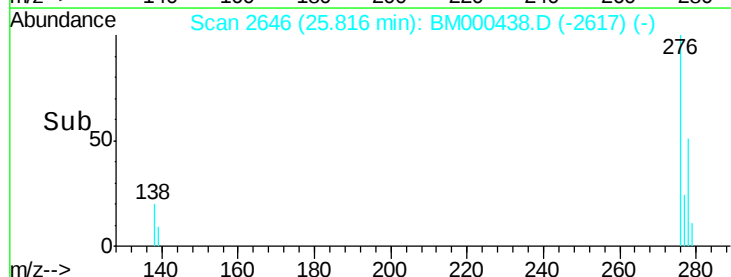
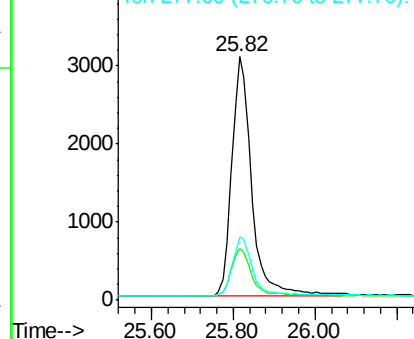
276 100

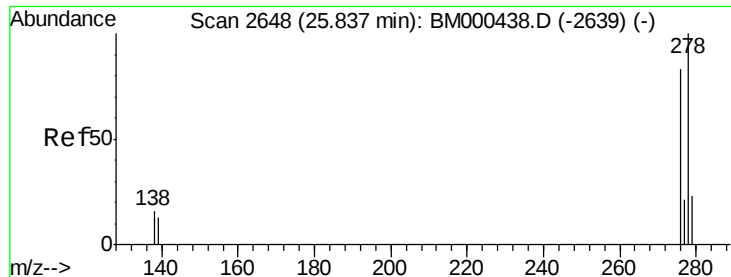
138 19.9 0.1 0.1#

277 25.0 0.0 0.0#



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



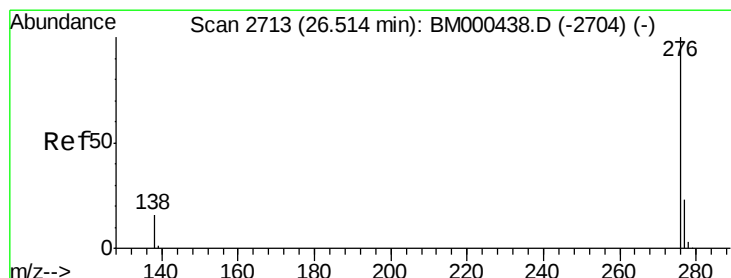
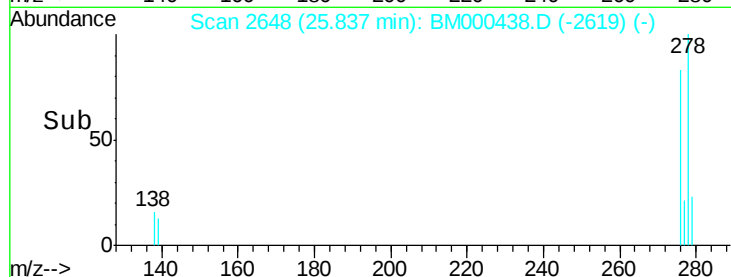
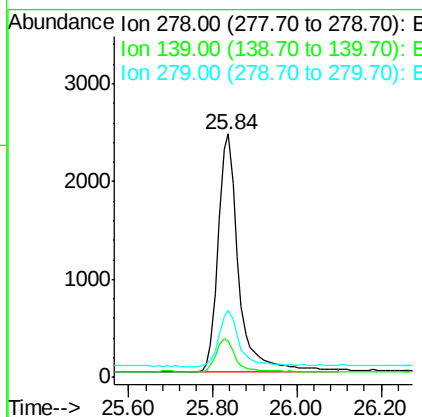
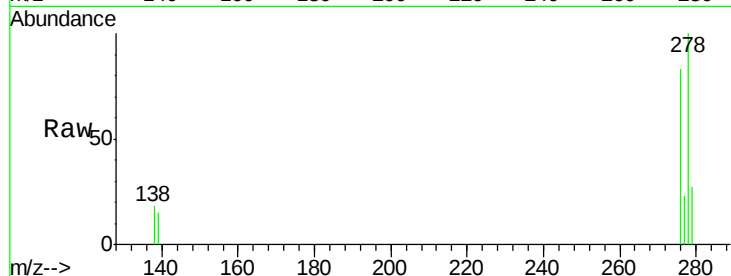


#25
Dibenzo(a,h)anthracene
Concen: 0.60 ng/ul
RT: 25.84 min Scan# 2648
Delta R.T. 0.00 min
Lab File: BM000438.D
Acq: 06 Feb 2015 17:43

Instrument :
BNA_M
LabSampleId :
SSTD0.483

Tgt Ion: 278 Resp: 8325

Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.8	17.8
279	27.3	21.8	32.8



#26
Benzo(g,h,i)perylene
Concen: 0.19 ng/ul
RT: 26.51 min Scan# 2713
Delta R.T. 0.00 min
Lab File: BM000438.D
Acq: 06 Feb 2015 17:43

Tgt Ion: 276 Resp: 9126

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.5	29.3
138	17.6	14.1	21.1

