

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020615\
 Data File : BM000439.D
 Acq On : 06 Feb 2015 18:19
 Operator : TP/IZ
 Sample : SSTD0.884
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD0.884

Quant Time: Feb 07 00:44:43 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	2117	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	6972	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4460	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	8240	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	7040	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	6196	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	7921	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	15198	0.92	ng/ul	0.00

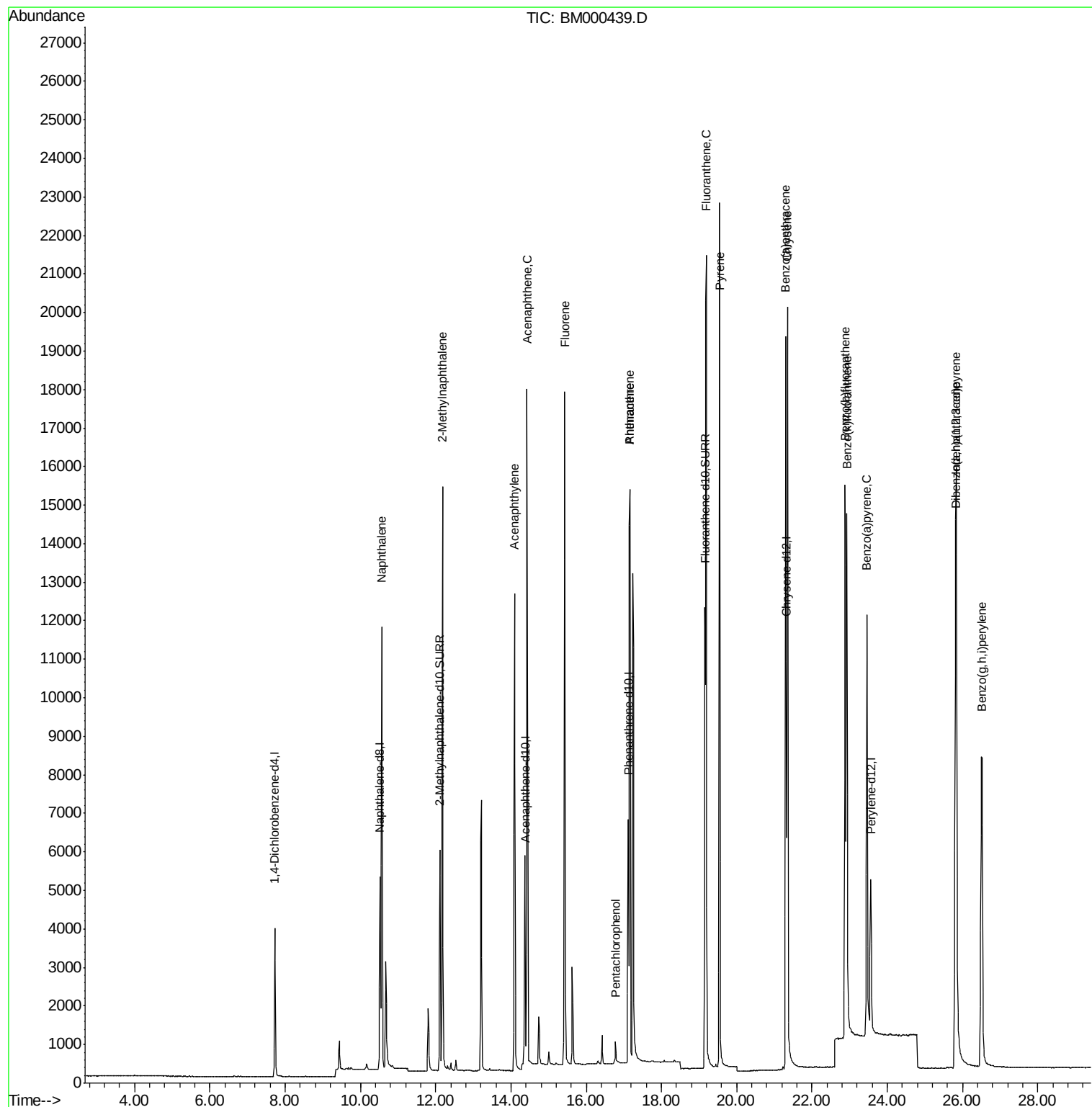
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	15793	0.96	ng/ul	98
5) 2-Methylnaphthalene	12.18	142	10874	1.04	ng/ul#	100
7) Acenaphthylene	14.10	152	14976	0.25	ng/ul	98
8) Acenaphthene	14.43	153	11421	0.29	ng/ul	99
9) Fluorene	15.43	166	13775	0.96	ng/ul	97
11) Pentachlorophenol	16.78	266	595	1.56	ng/ul#	100
12) Phenanthrene	17.16	178	21717	0.31	ng/ul	99
13) Anthracene	17.16	178	21717	0.33	ng/ul	99
15) Fluoranthene	19.19	202	24525	0.33	ng/ul	99
17) Pyrene	19.55	202	24705	0.41	ng/ul	99
18) Benzo(a)anthracene	21.29	228	19102	0.35	ng/ul	99
19) Chrysene	21.34	228	21649	0.37	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	19262	0.16	ng/ul	96
22) Benzo(k)fluoranthene	22.93	252	20909	0.16	ng/ul	95
23) Benzo(a)pyrene	23.46	252	18441	0.16	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.82	276	21443	0.46	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.84	278	17078	1.18	ng/ul	97
26) Benzo(g,h,i)perylene	26.50	276	18716	0.37	ng/ul	99

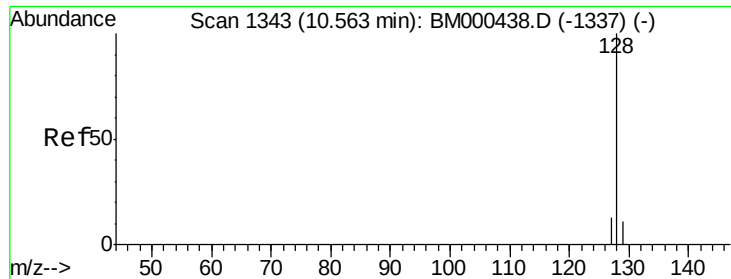
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.96 ng/ul

RT: 10.56 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BM000439.D

Acq: 06 Feb 2015 18:19

Instrument :

BNA_M

LabSampleId :

SSTD0.884

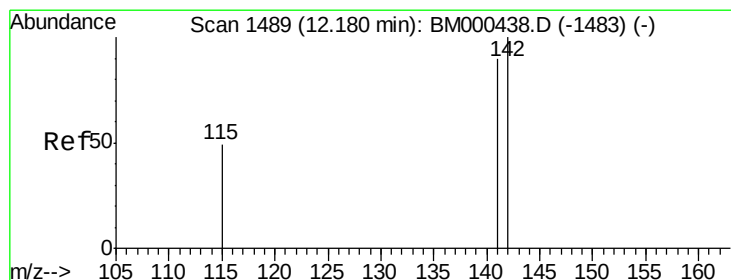
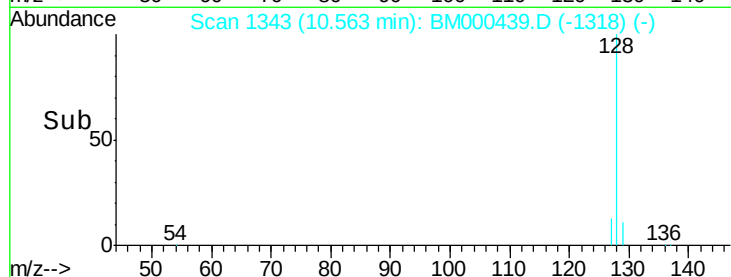
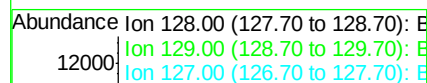
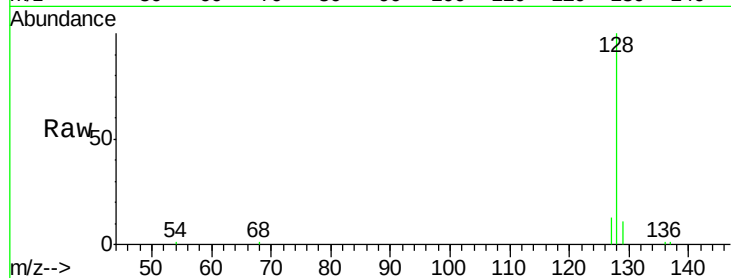
Tgt Ion:128 Resp: 15793

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

127 13.5 11.4 17.0



#5

2-Methylnaphthalene

Concen: 1.04 ng/ul

RT: 12.18 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BM000439.D

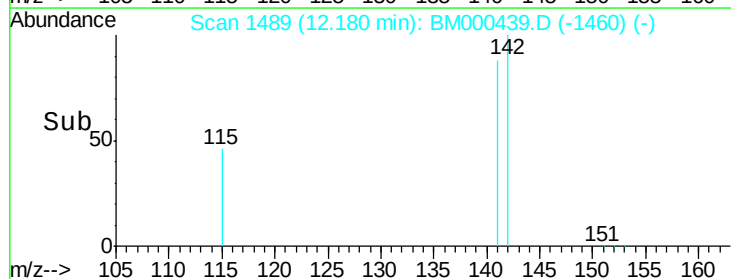
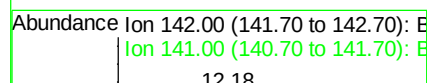
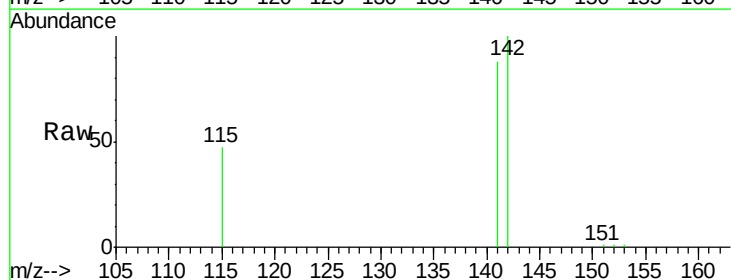
Acq: 06 Feb 2015 18:19

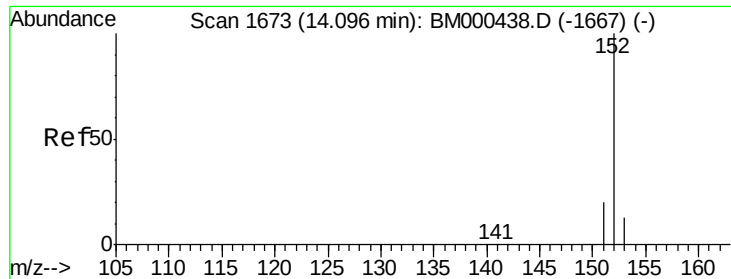
Tgt Ion:142 Resp: 10874

Ion Ratio Lower Upper

142 100

141 86.4 0.0 0.0#





#7

Acenaphthylene

Concen: 0.25 ng/ul

RT: 14.10 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BM000439.D

Acq: 06 Feb 2015 18:19

Instrument :

BNA_M

LabSampleId :

SSTD0.884

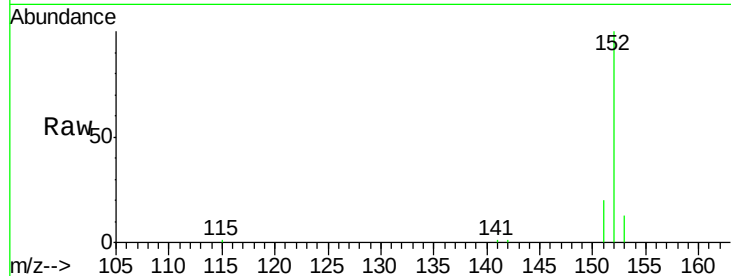
Tgt Ion:152 Resp: 14976

Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

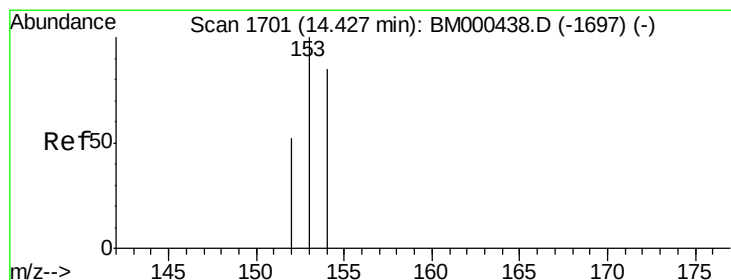
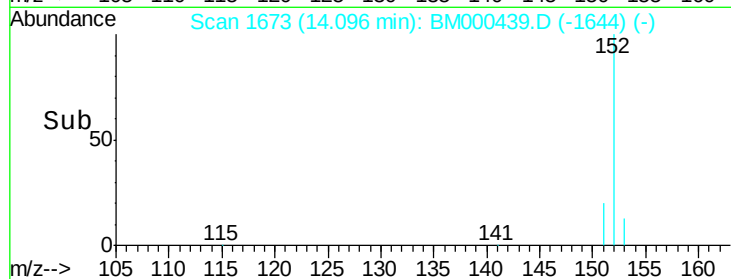
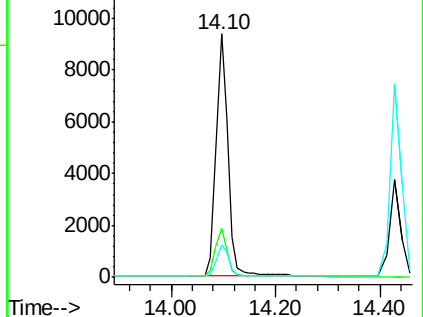
153 13.1 11.0 16.6



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: 0.29 ng/ul

RT: 14.43 min Scan# 1701

Delta R.T. 0.00 min

Lab File: BM000439.D

Acq: 06 Feb 2015 18:19

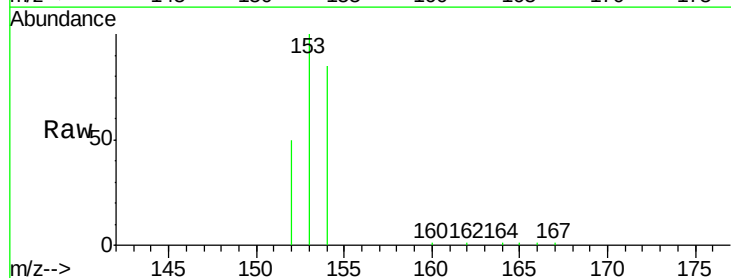
Tgt Ion:153 Resp: 11421

Ion Ratio Lower Upper

153 100

152 50.4 42.4 63.6

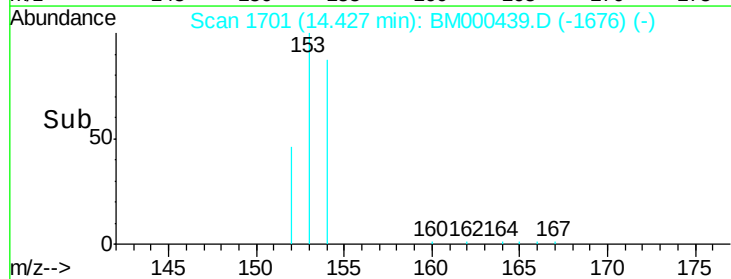
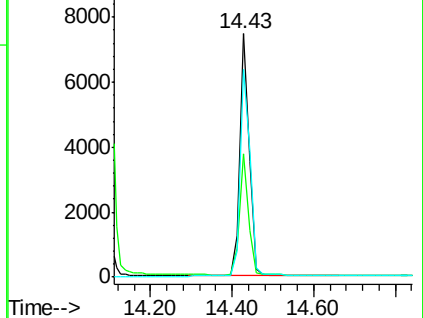
154 85.4 68.2 102.4

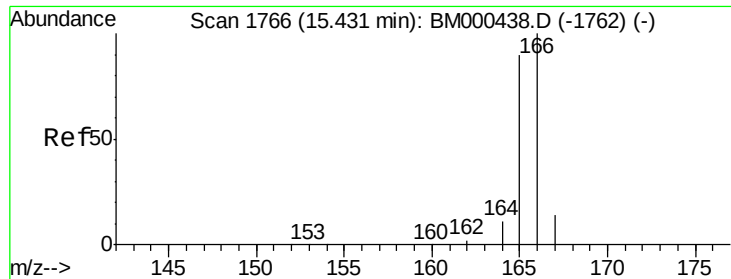


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

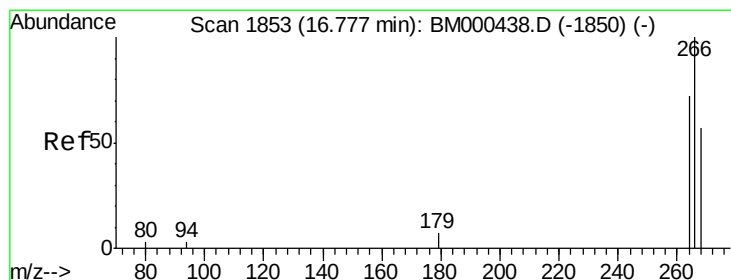
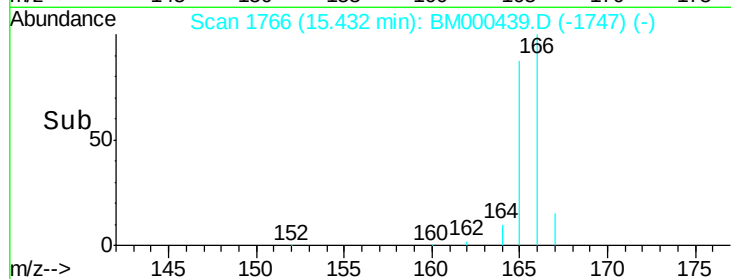
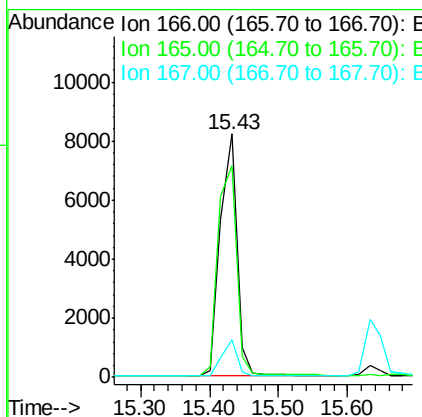
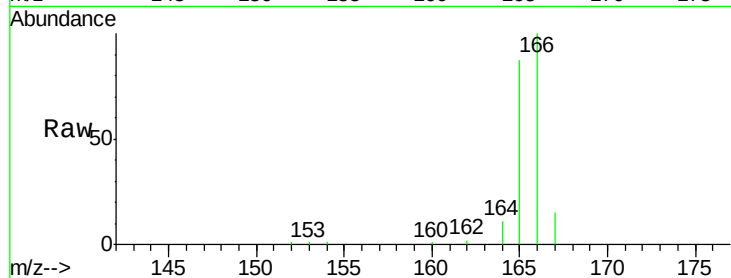




#9
Fluorene
 Concen: 0.96 ng/ul
 RT: 15.43 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BM000439.D
 Acq: 06 Feb 2015 18:19

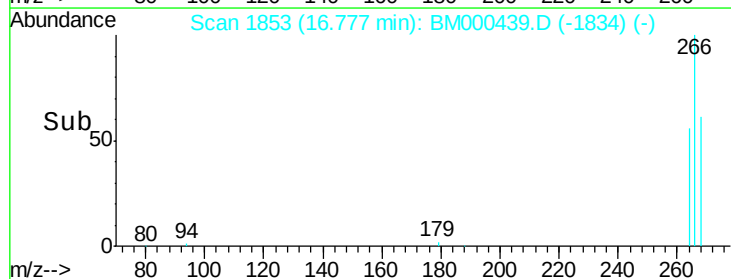
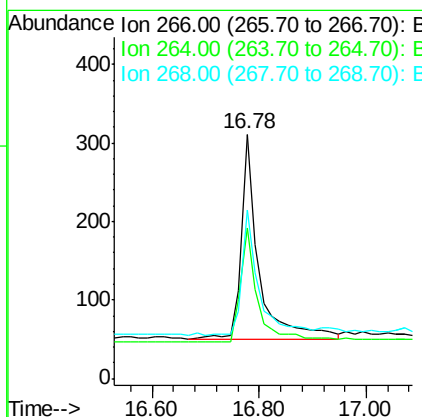
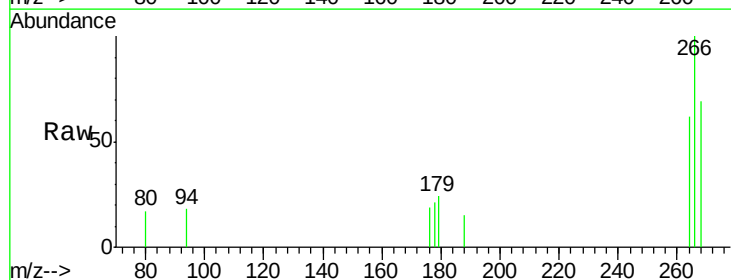
Instrument :
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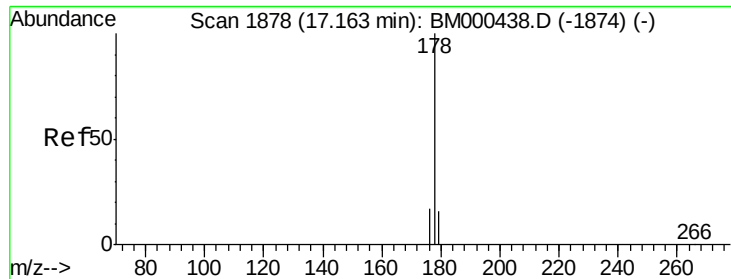
Tgt Ion:166 Resp: 13775
 Ion Ratio Lower Upper
 166 100
 165 87.1 72.6 108.8
 167 15.2 12.2 18.2



#11
Pentachlorophenol
 Concen: 1.56 ng/ul
 RT: 16.78 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BM000439.D
 Acq: 06 Feb 2015 18:19

Tgt Ion:266 Resp: 595
 Ion Ratio Lower Upper
 266 100
 264 59.8 0.0 0.0#
 268 57.1 0.0 0.0#





#12

Phenanthrene

Concen: 0.31 ng/ul

RT: 17.16 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BM000439.D

Acq: 06 Feb 2015 18:19

Instrument :

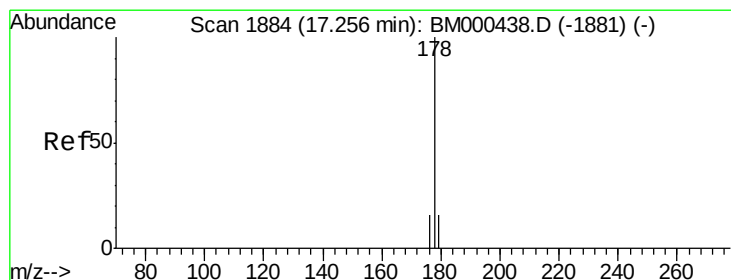
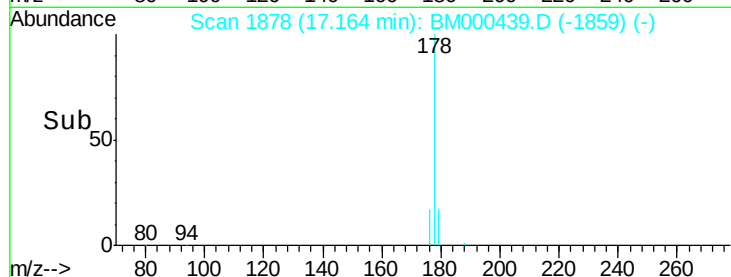
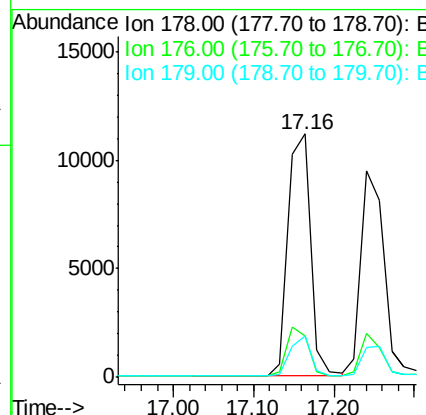
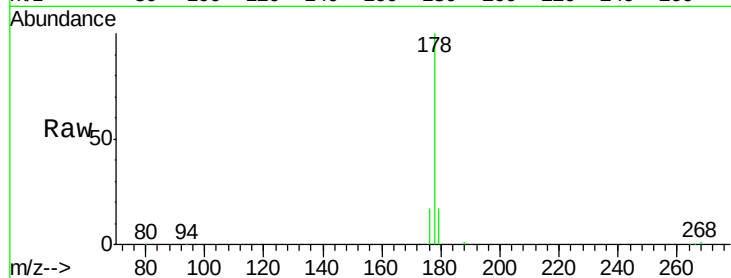
BNA_M

LabSampleId :

SSTD0.884

Tgt Ion:178 Resp: 21717

Ion	Ratio	Lower	Upper
178	100		
176	17.1	14.3	21.5
179	17.1	13.7	20.5



#13

Anthracene

Concen: 0.33 ng/ul

RT: 17.16 min Scan# 1878

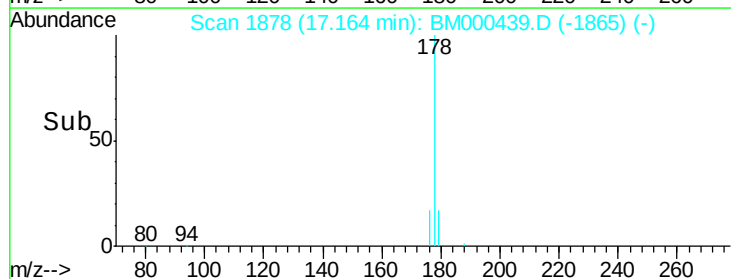
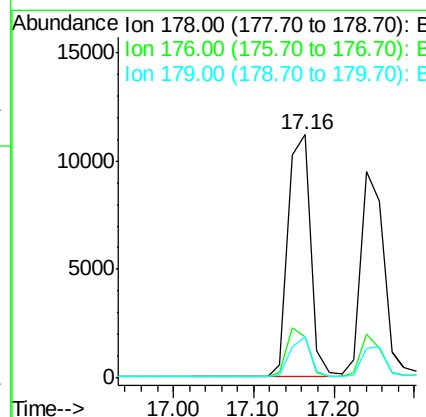
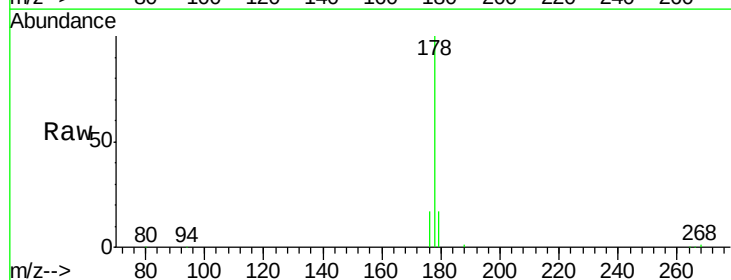
Delta R.T. -0.09 min

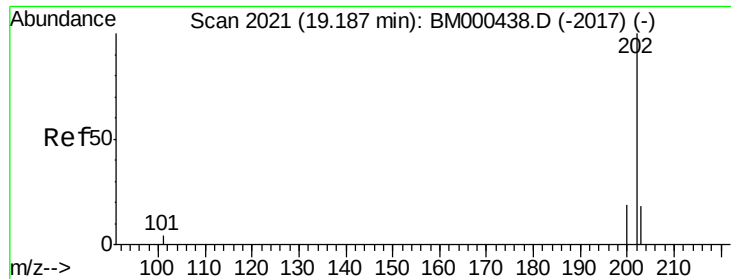
Lab File: BM000439.D

Acq: 06 Feb 2015 18:19

Tgt Ion:178 Resp: 21717

Ion	Ratio	Lower	Upper
178	100		
176	17.1	14.0	21.0
179	17.1	14.1	21.1

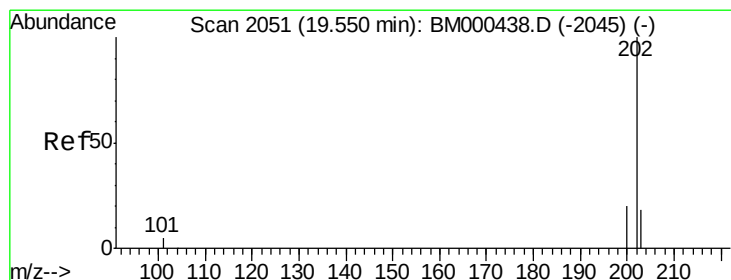
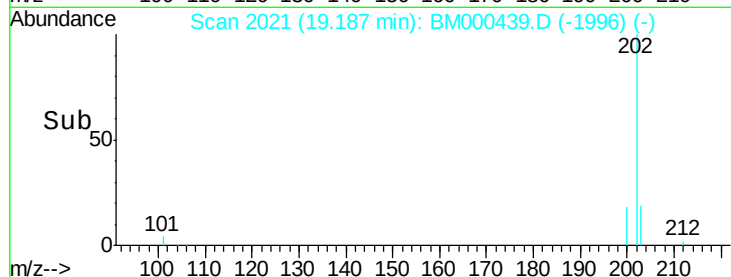
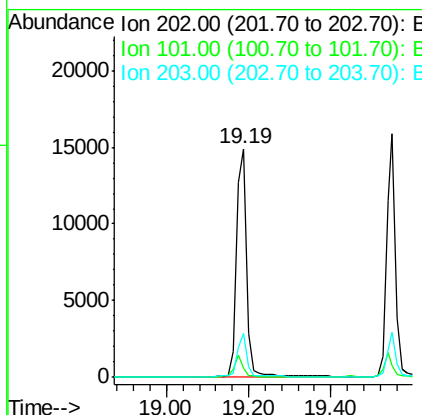
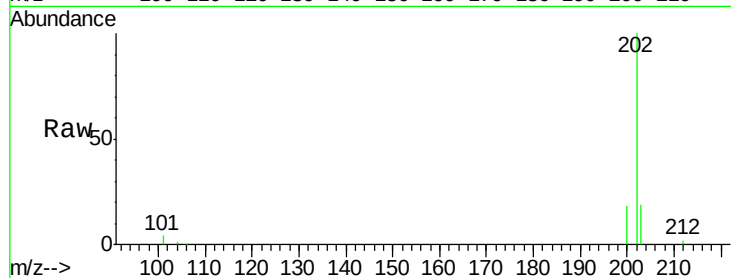




#15
Fluoranthene
Concen: 0.33 ng/ul
RT: 19.19 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BM000439.D
Acq: 06 Feb 2015 18:19

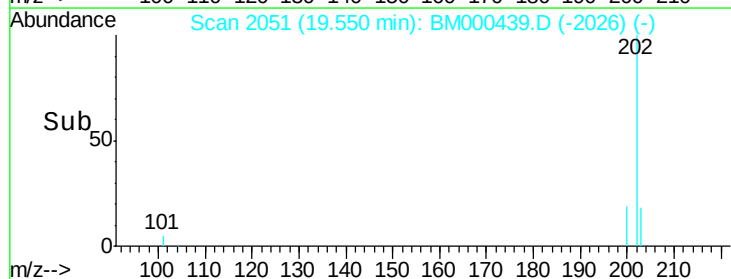
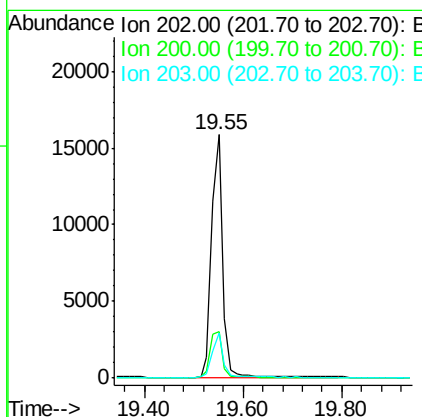
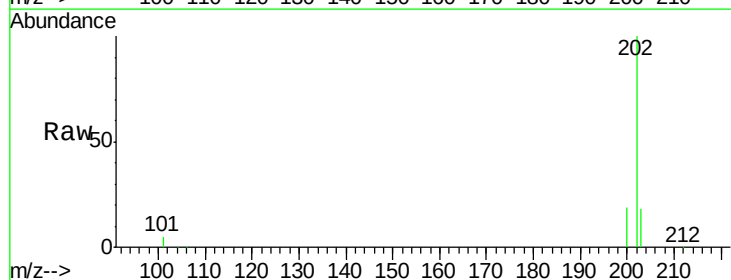
Instrument :
BNA_M
LabSampleId :
SSTD0.884

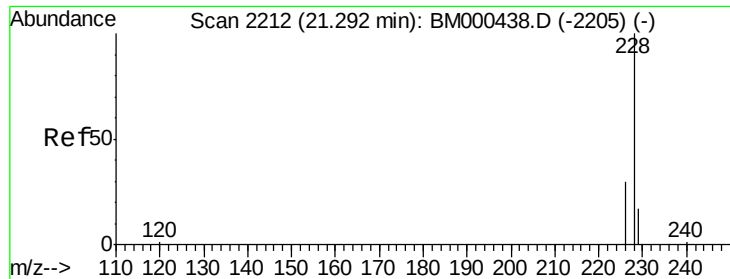
Tgt Ion:202 Resp: 24525
Ion Ratio Lower Upper
202 100
101 3.8 0.0 24.8
203 19.1 0.0 38.9



#17
Pyrene
Concen: 0.41 ng/ul
RT: 19.55 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM000439.D
Acq: 06 Feb 2015 18:19

Tgt Ion:202 Resp: 24705
Ion Ratio Lower Upper
202 100
200 19.3 16.0 24.0
203 18.3 14.7 22.1





#18

Benzo(a)anthracene

Concen: 0.35 ng/ul

RT: 21.29 min Scan# 2212

Delta R.T. 0.00 min

Lab File: BM000439.D

Acq: 06 Feb 2015 18:19

Instrument :

BNA_M

LabSampleId :

SSTD0.884

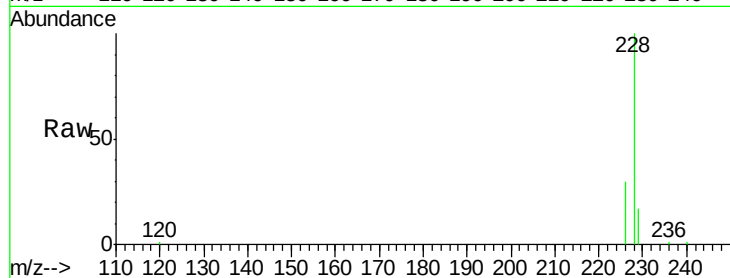
Tgt Ion:228 Resp: 19102

Ion Ratio Lower Upper

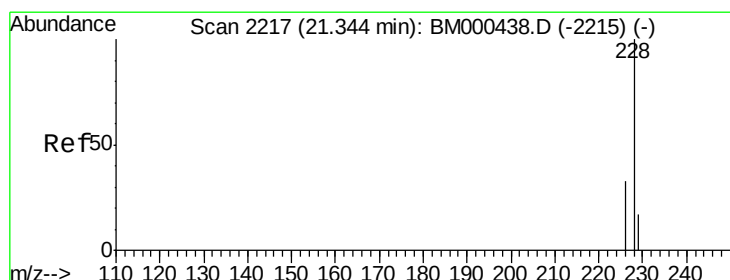
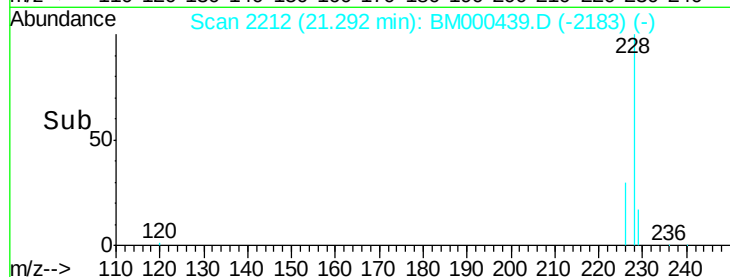
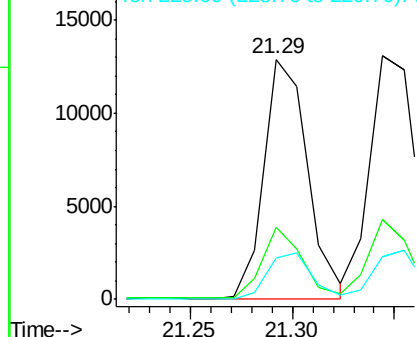
228 100

226 30.0 24.6 36.8

229 17.5 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: 0.37 ng/ul

RT: 21.34 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BM000439.D

Acq: 06 Feb 2015 18:19

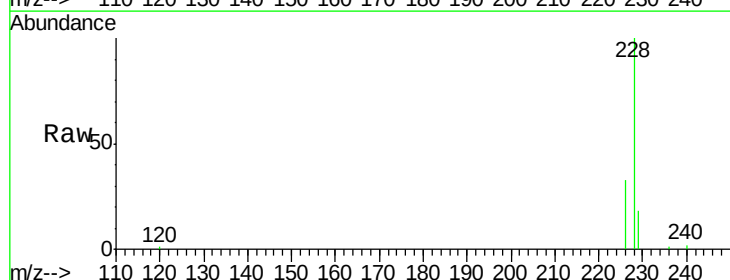
Tgt Ion:228 Resp: 21649

Ion Ratio Lower Upper

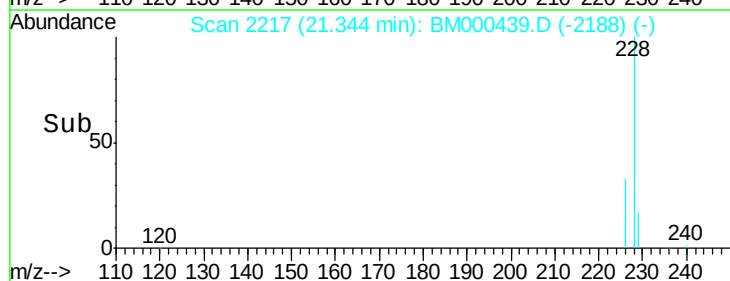
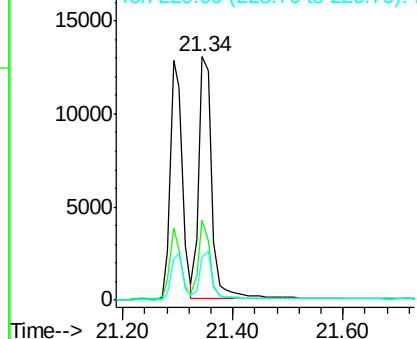
228 100

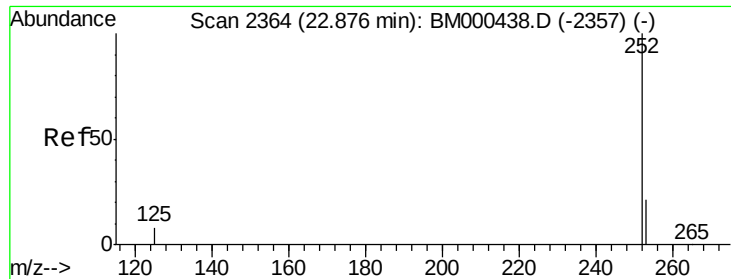
226 32.9 26.4 39.6

229 17.5 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: 0.16 ng/ul

RT: 22.88 min Scan# 2364

Delta R.T. 0.00 min

Lab File: BM000439.D

Acq: 06 Feb 2015 18:19

Instrument :

BNA_M

LabSampleId :

SSTD0.884

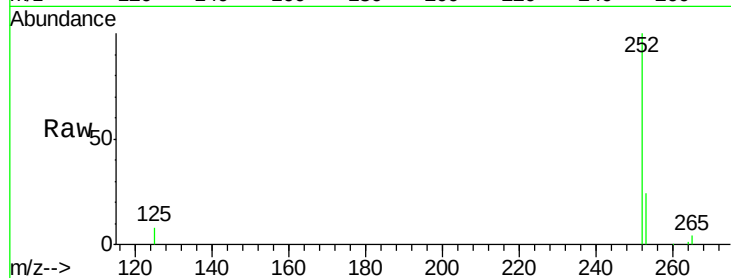
Tgt Ion:252 Resp: 19262

Ion Ratio Lower Upper

252 100

253 23.6 0.0 51.2

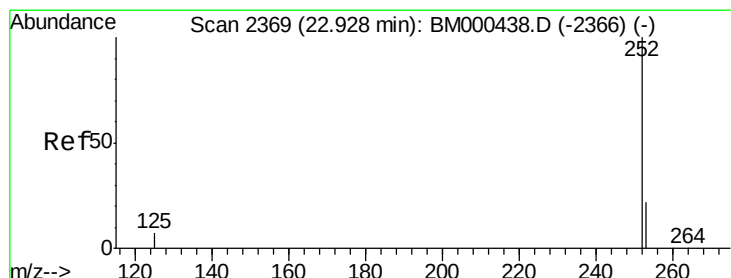
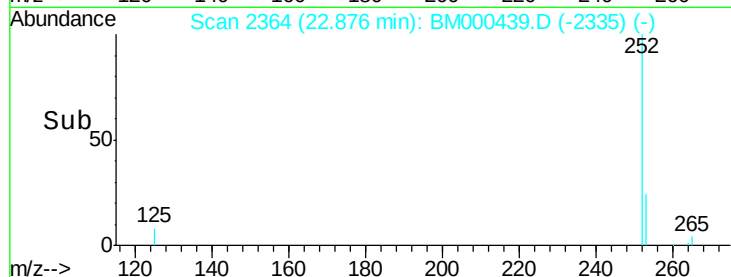
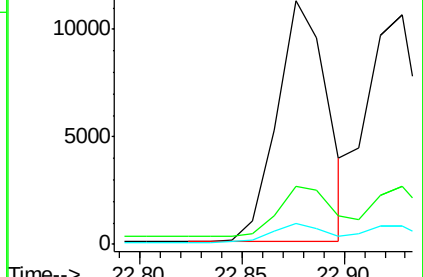
125 8.5 0.0 19.2



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: 0.16 ng/ul

RT: 22.93 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BM000439.D

Acq: 06 Feb 2015 18:19

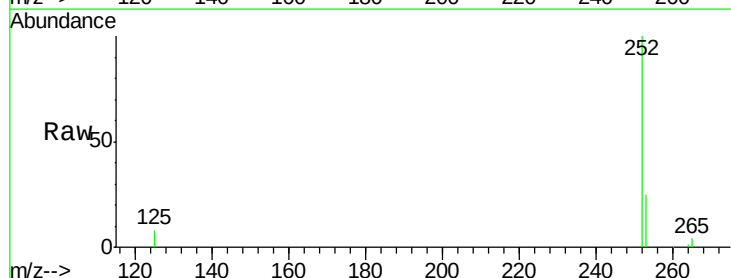
Tgt Ion:252 Resp: 20909

Ion Ratio Lower Upper

252 100

253 25.5 22.6 34.0

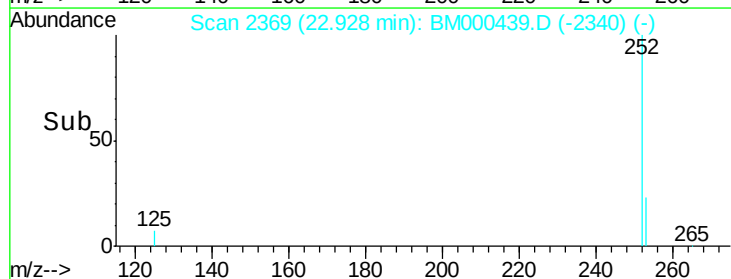
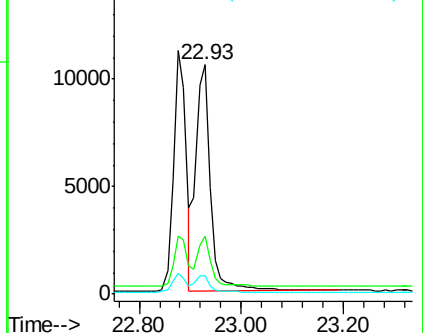
125 7.7 7.0 10.6

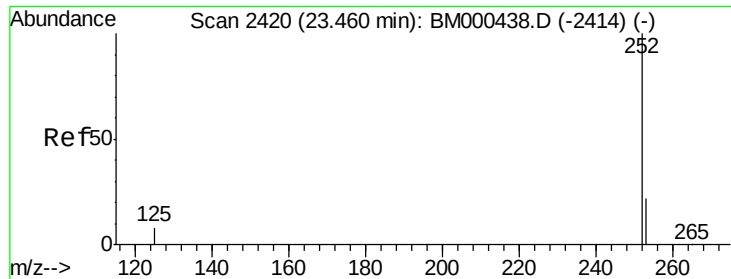


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.16 ng/ul

RT: 23.46 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BM000439.D

Acq: 06 Feb 2015 18:19

Instrument :

BNA_M

LabSampleId :

SSTD0.884

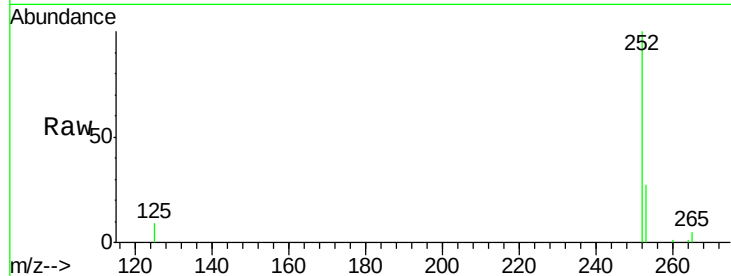
Tgt Ion:252 Resp: 18441

Ion Ratio Lower Upper

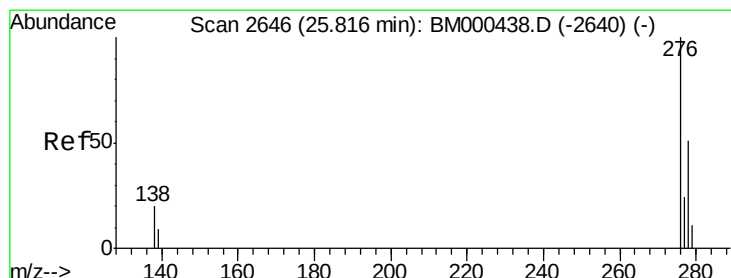
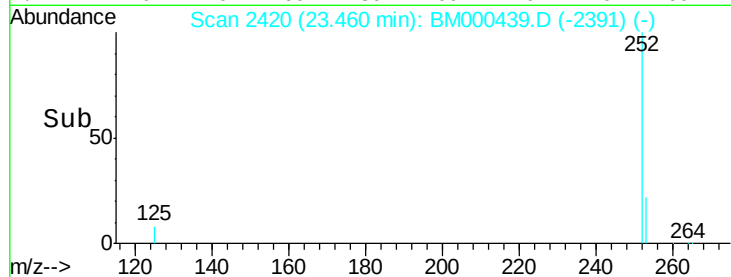
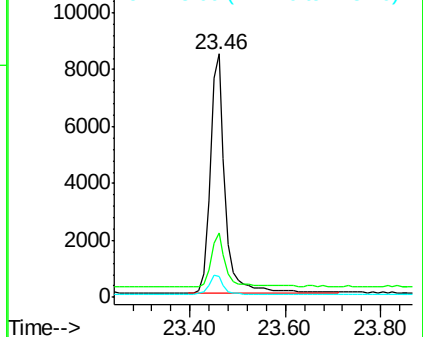
252 100

253 26.5 24.2 36.4

125 8.7 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: 0.46 ng/ul

RT: 25.82 min Scan# 2646

Delta R.T. 0.00 min

Lab File: BM000439.D

Acq: 06 Feb 2015 18:19

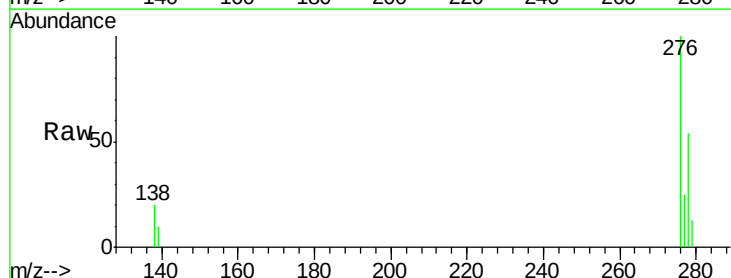
Tgt Ion:276 Resp: 21443

Ion Ratio Lower Upper

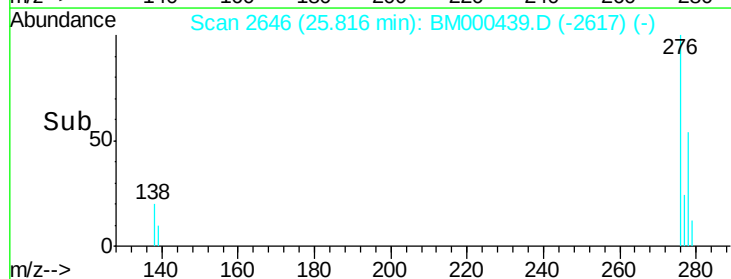
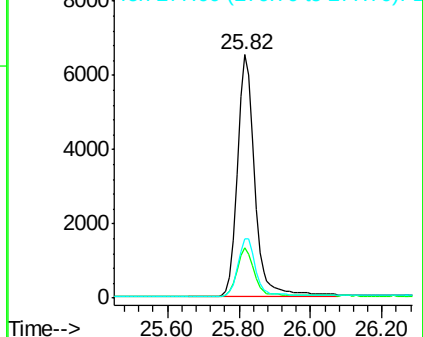
276 100

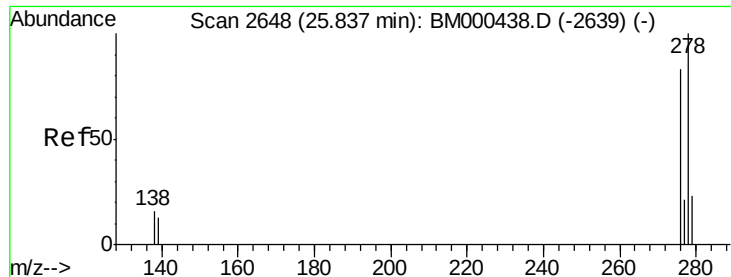
138 20.0 0.1 0.1#

277 24.3 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

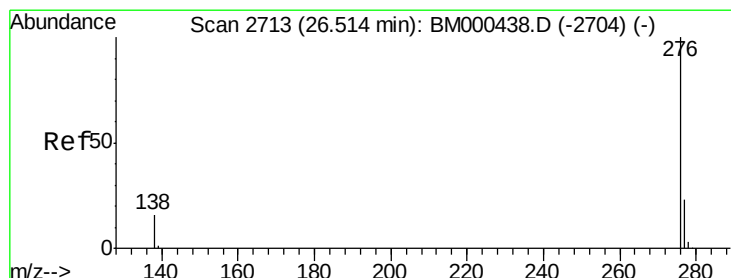
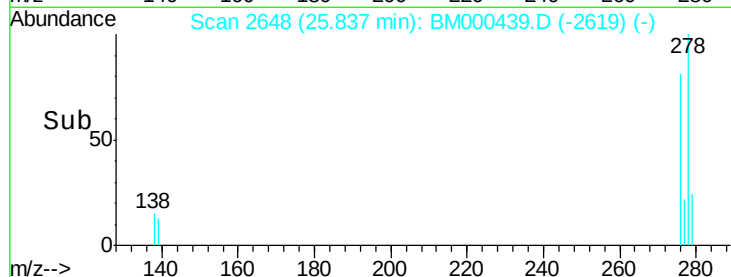
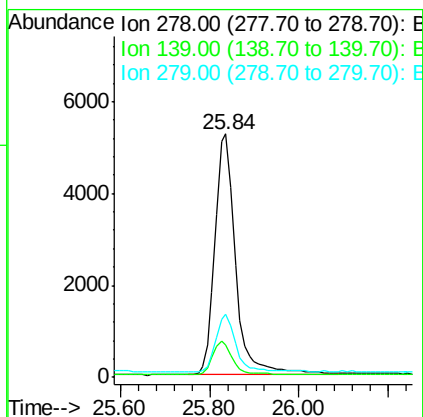
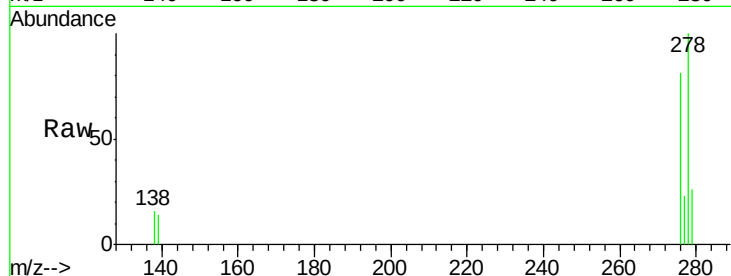




#25
Dibenzo(a,h)anthracene
Concen: 1.18 ng/ul
RT: 25.84 min Scan# 2648
Delta R.T. 0.00 min
Lab File: BM000439.D
Acq: 06 Feb 2015 18:19

Instrument :
BNA_M
LabSampleId :
SSTD0.884

Tgt Ion: 278 Resp: 17078
Ion Ratio Lower Upper
278 100
139 13.6 11.8 17.8
279 26.0 21.8 32.8



#26
Benzo(g,h,i)perylene
Concen: 0.37 ng/ul
RT: 26.50 min Scan# 2712
Delta R.T. -0.01 min
Lab File: BM000439.D
Acq: 06 Feb 2015 18:19

Tgt Ion: 276 Resp: 18716
Ion Ratio Lower Upper
276 100
277 24.0 19.5 29.3
138 18.1 14.1 21.1

