

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121615\
 Data File : BM003591.D
 Acq On : 16 Dec 2015 23:19
 Operator : UM/IZ
 Sample : G4767-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N37

Quant Time: Dec 17 03:03:08 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 02:56:38 2015
 Response via : Initial Calibration

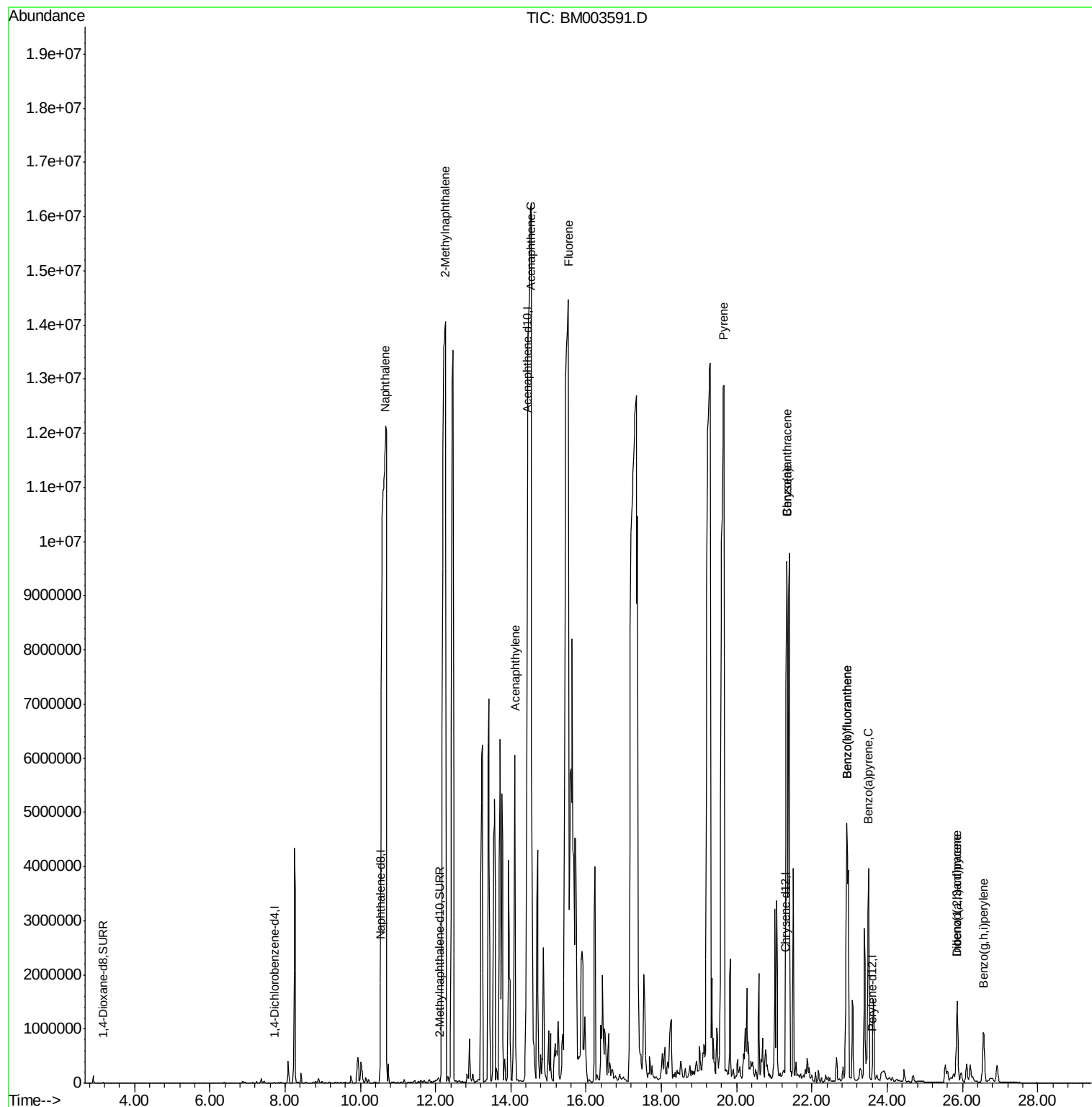
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4478	0.40	ng/ul	0.00
4) Naphthalene-d8	10.54	136	12238	0.40	ng/ul	0.04
8) Acenaphthene-d10	14.43	164	221277	0.40	ng/ul	0.07
12) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.11
18) Chrysene-d12	21.29	240	16730	0.40	ng/ul	-0.02
22) Perylene-d12	23.60	264	28660	0.40	ng/ul	0.03
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	9462	4.94	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.11	152	6230	0.42	ng/ul	0.01
16) Fluoranthene-d10	19.11	212	492477	0.00	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.66	128	73053561	2649.74	ng/ul#	82
7) 2-Methylnaphthalene	12.26	142	33022417	1784.15	ng/ul	95
9) Acenaphthylene	14.11	152	9981022	11.81	ng/ul#	93
10) Acenaphthene	14.54	153	47587118	69.85	ng/ul#	86
11) Fluorene	15.53	166	37550897	49.72	ng/ul	90
19) Pyrene	19.65	202	39113444	866.04	ng/ul#	81
20) Benzo(a)anthracene	21.34	228	16593115	406.23	ng/ul#	84
21) Chrysene	21.34	228	16593115	354.55	ng/ul#	87
23) Benzo(b)fluoranthene	22.93	252	14406357	147.27	ng/ul	96
24) Benzo(k)fluoranthene	22.93	252	14406357	162.48	ng/ul	99
25) Benzo(a)pyrene	23.50	252	6533155	79.18	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.86	276	2395331	25.04	ng/ul#	96
27) Dibenzo(a,h)anthracene	25.86	278	659619	8.56	ng/ul	96
28) Benzo(g,h,i)perylene	26.56	276	2009601	24.14	ng/ul	97

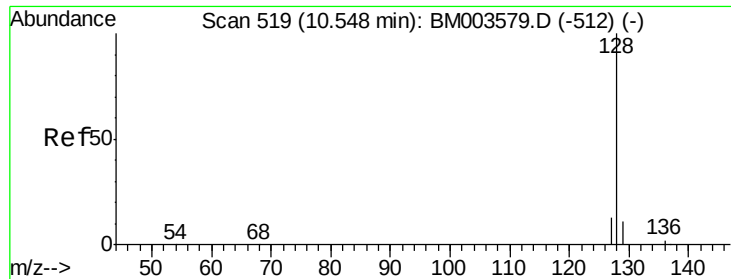
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121615\
Data File : BM003591.D
Acq On : 16 Dec 2015 23:19
Operator : UM/IZ
Sample : G4767-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9N37

Quant Time: Dec 17 03:03:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 02:56:38 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 2649.74 ng/ul

RT: 10.66 min Scan# 528

Delta R.T. 0.11 min

Lab File: BM003591.D

Acq: 16 Dec 2015 23:19

Instrument :

BNA_M

ClientSampleId :

D9N37

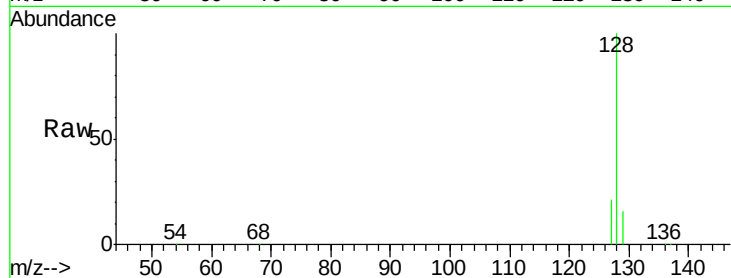
Tgt Ion:128 Resp:73053561

Ion Ratio Lower Upper

128 100

129 16.2 9.0 13.6#

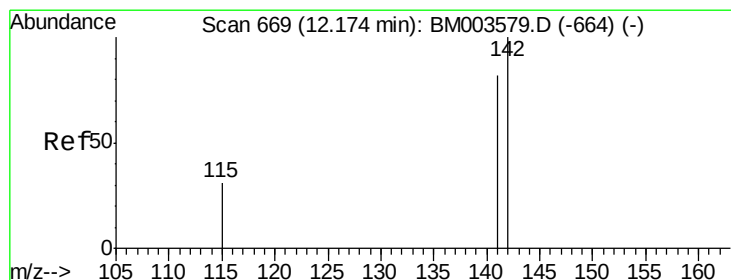
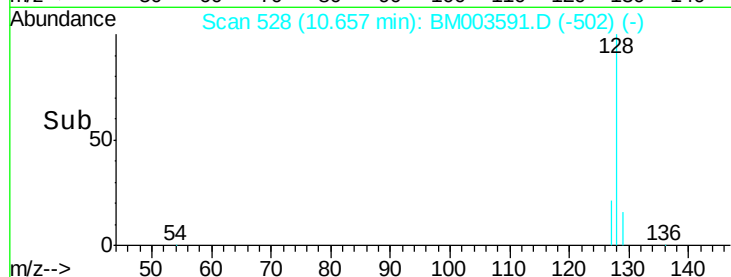
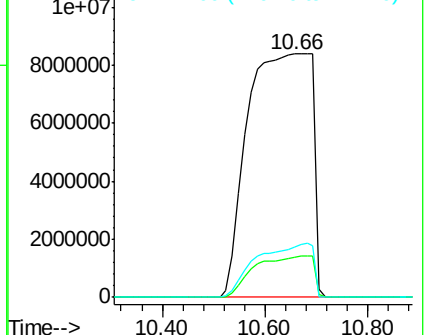
127 20.5 9.6 14.4#



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



#7

2-Methylnaphthalene

Concen: 1784.15 ng/ul

RT: 12.26 min Scan# 677

Delta R.T. 0.08 min

Lab File: BM003591.D

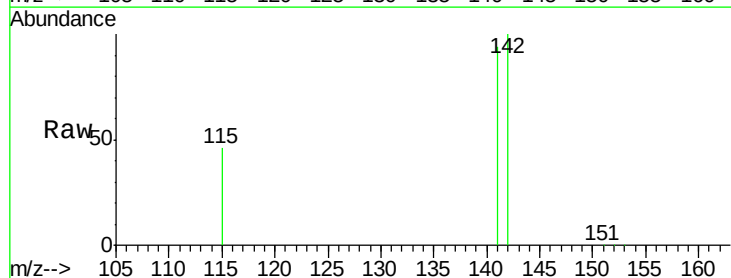
Acq: 16 Dec 2015 23:19

Tgt Ion:142 Resp:33022417

Ion Ratio Lower Upper

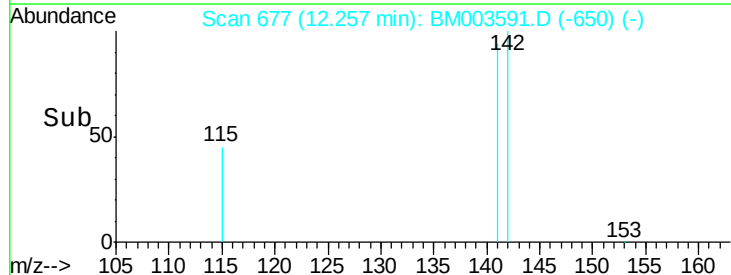
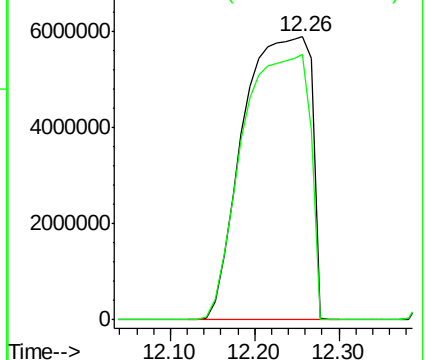
142 100

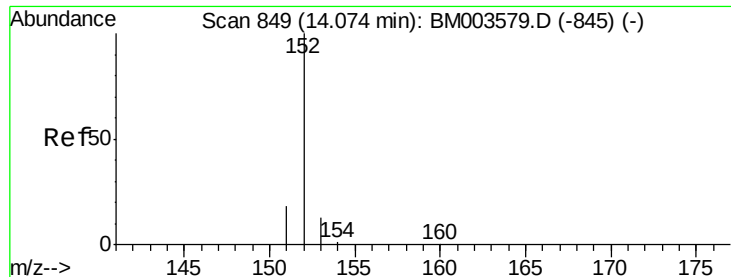
141 92.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 11.81 ng/ul

RT: 14.11 min Scan# 851

Delta R.T. 0.03 min

Lab File: BM003591.D

Acq: 16 Dec 2015 23:19

Instrument :

BNA_M

ClientSampleId :

D9N37

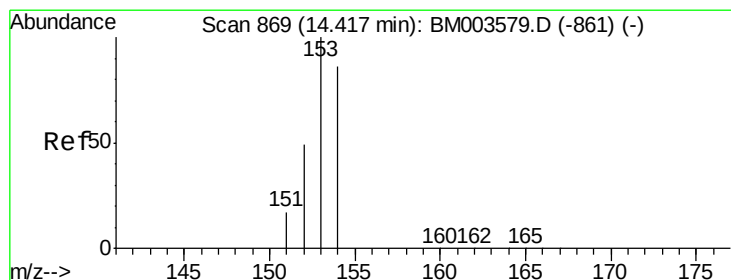
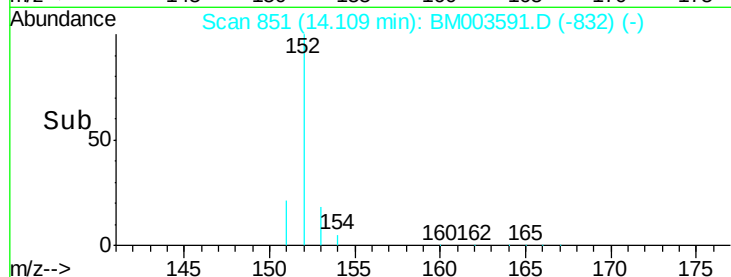
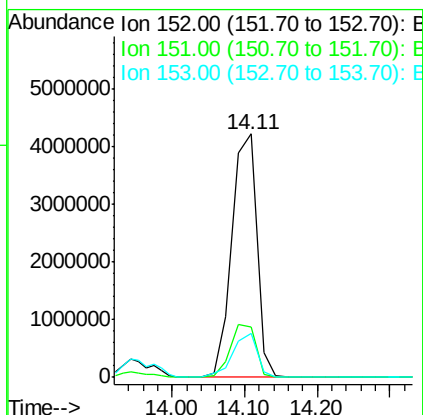
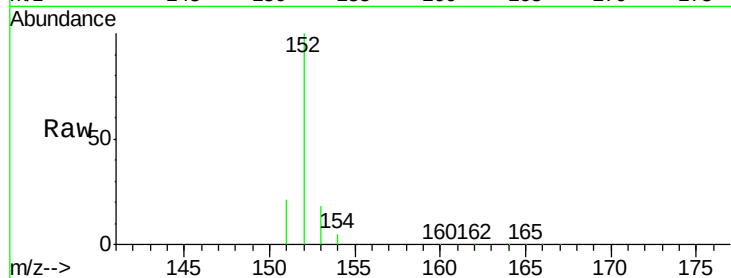
Tgt Ion:152 Resp: 9981022

Ion Ratio Lower Upper

152 100

151 20.6 17.6 26.4

153 17.8 9.7 14.5#



#10

Acenaphthene

Concen: 69.85 ng/ul

RT: 14.54 min Scan# 876

Delta R.T. 0.12 min

Lab File: BM003591.D

Acq: 16 Dec 2015 23:19

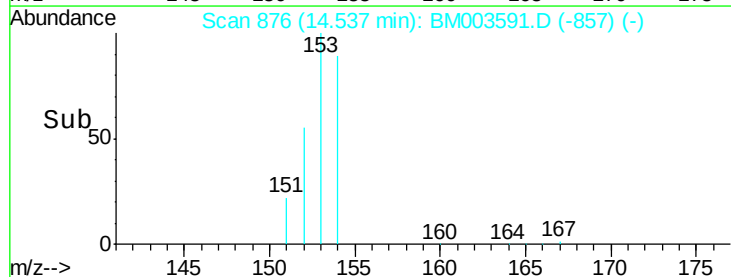
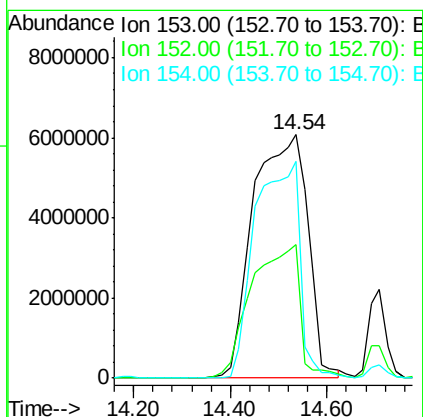
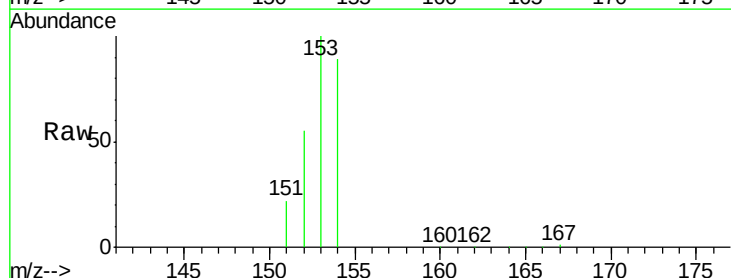
Tgt Ion:153 Resp:47587118

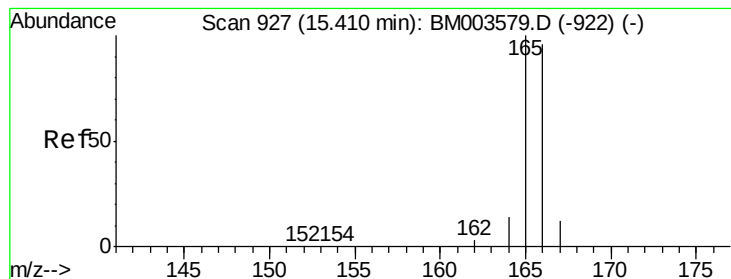
Ion Ratio Lower Upper

153 100

152 54.7 33.9 50.9#

154 89.2 80.6 121.0





#11

Fluorene

Concen: 49.72 ng/ul

RT: 15.53 min Scan# 934

Delta R.T. 0.12 min

Lab File: BM003591.D

Acq: 16 Dec 2015 23:19

Instrument :

BNA_M

ClientSampleId :

D9N37

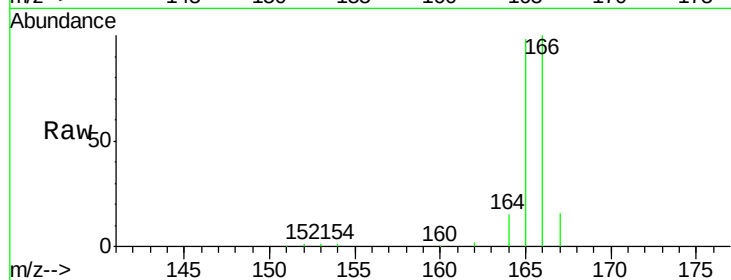
Tgt Ion:166 Resp:37550897

Ion Ratio Lower Upper

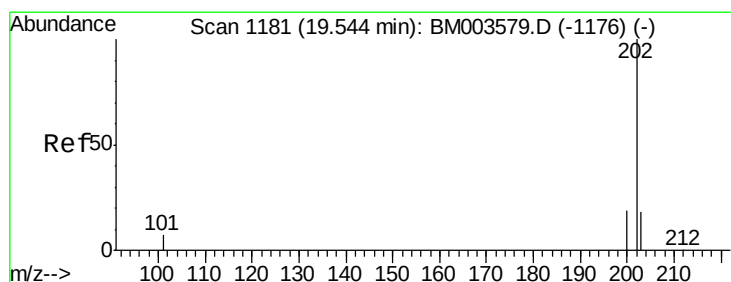
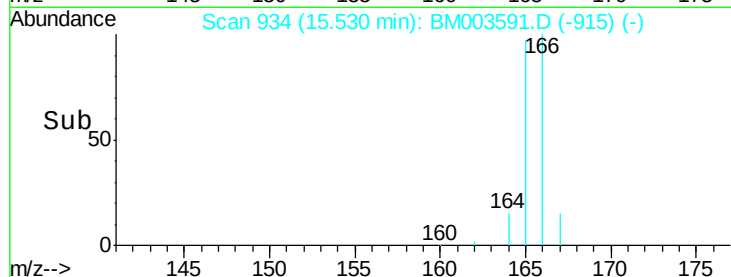
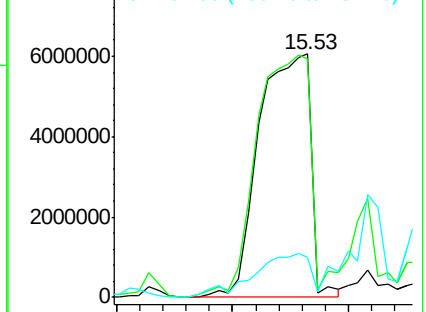
166 100

165 97.7 69.6 104.4

167 16.4 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#19

Pyrene

Concen: 866.04 ng/ul

RT: 19.65 min Scan# 1190

Delta R.T. 0.11 min

Lab File: BM003591.D

Acq: 16 Dec 2015 23:19

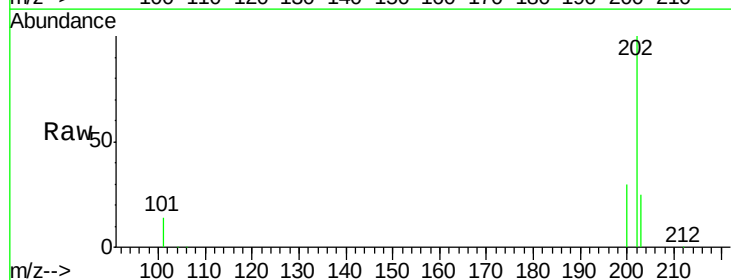
Tgt Ion:202 Resp:39113444

Ion Ratio Lower Upper

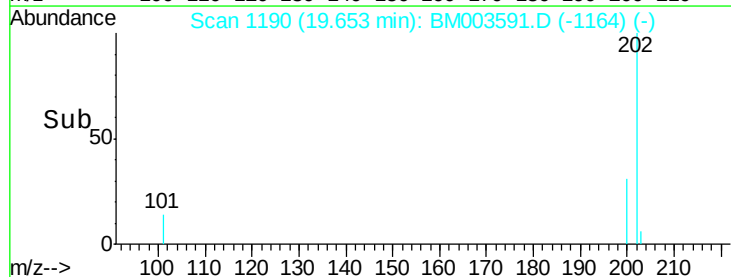
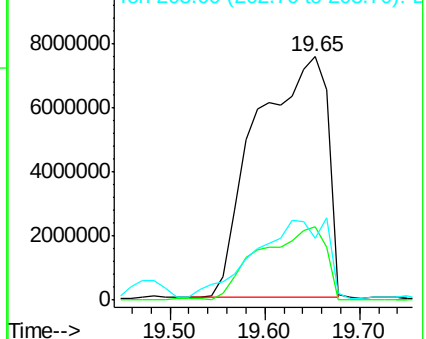
202 100

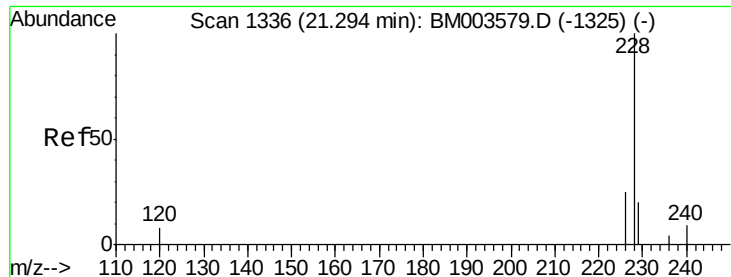
200 30.1 17.8 26.8#

203 25.2 12.8 19.2#



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





#20

Benzo(a)anthracene

Concen: 406.23 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. 0.04 min

Lab File: BM003591.D

Acq: 16 Dec 2015 23:19

Instrument :

BNA_M

ClientSampleId :

D9N37

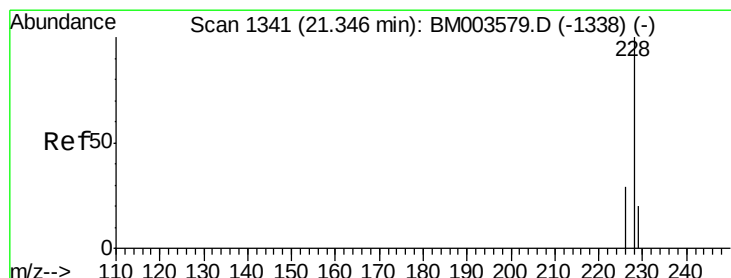
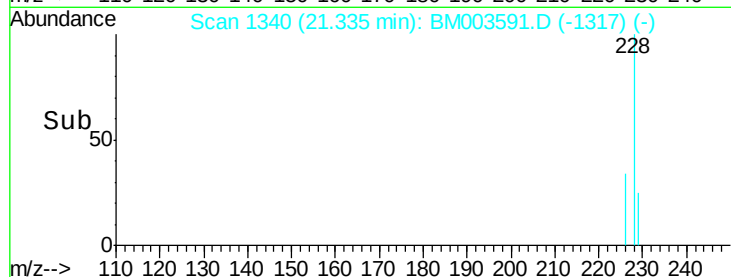
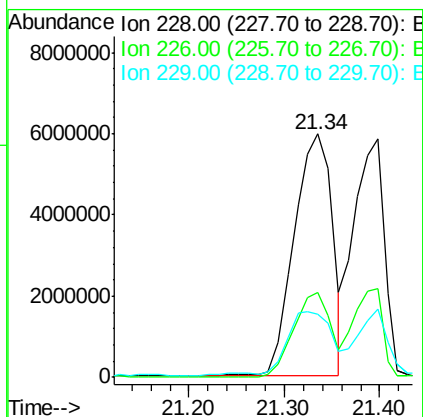
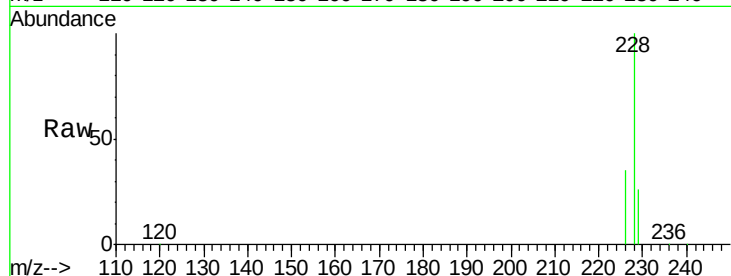
Tgt Ion:228 Resp:16593115

Ion Ratio Lower Upper

228 100

226 34.7 18.8 28.2#

229 25.8 17.1 25.7#



#21

Chrysene

Concen: 354.55 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BM003591.D

Acq: 16 Dec 2015 23:19

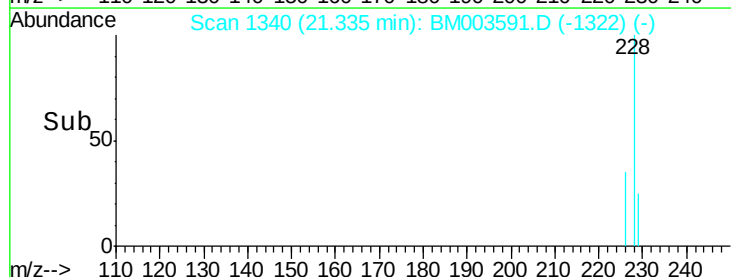
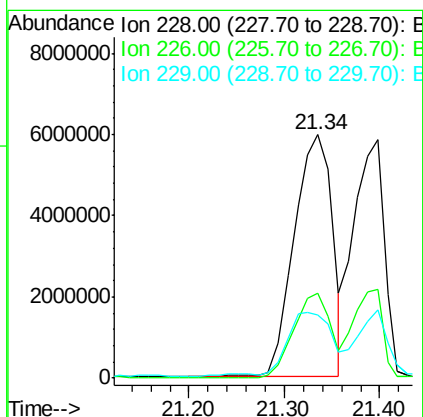
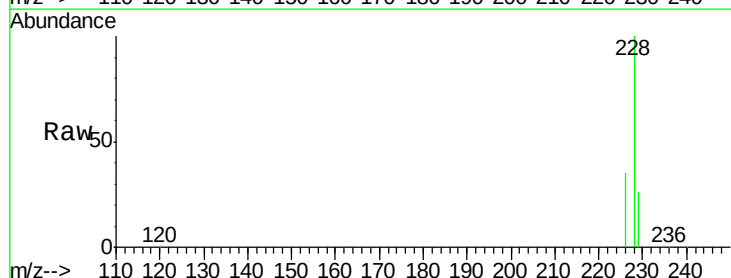
Tgt Ion:228 Resp:16593115

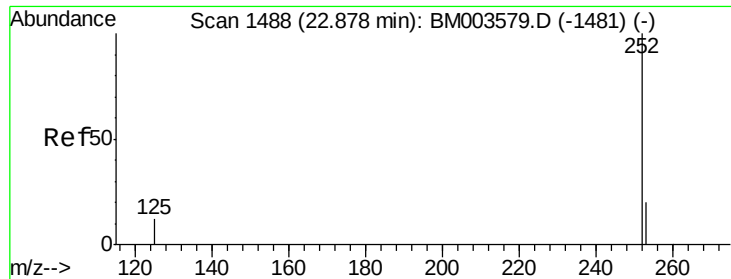
Ion Ratio Lower Upper

228 100

226 34.7 21.2 31.8#

229 25.8 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 147.27 ng/ul

RT: 22.93 min Scan# 1493

Delta R.T. 0.05 min

Lab File: BM003591.D

Acq: 16 Dec 2015 23:19

Instrument :

BNA_M

ClientSampleId :

D9N37

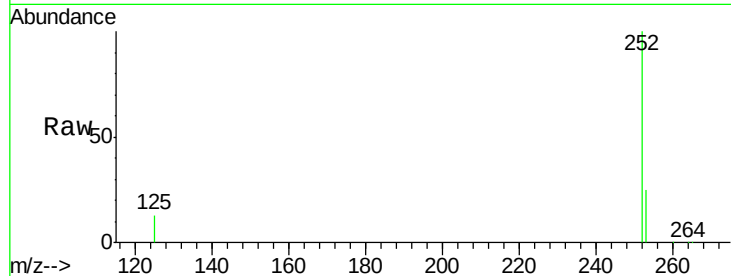
Tgt Ion:252 Resp:14406357

Ion Ratio Lower Upper

252 100

253 24.5 0.0 45.4

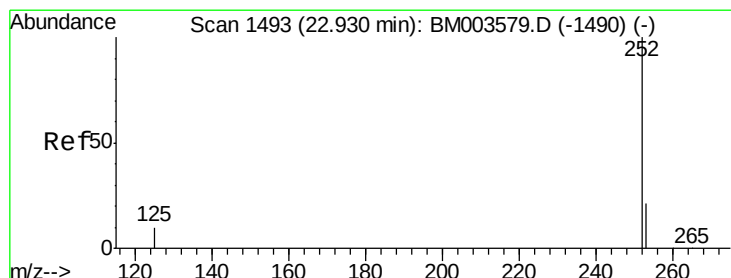
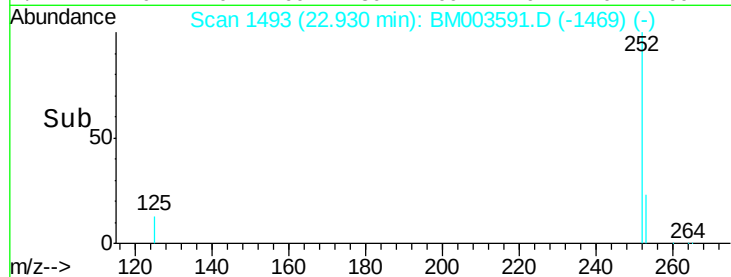
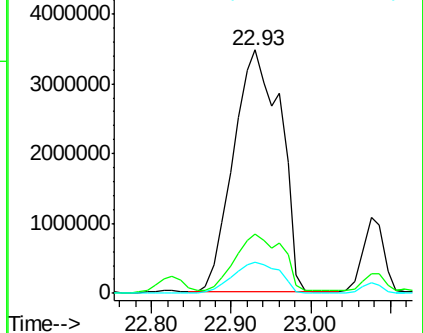
125 12.8 0.0 28.8



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

Benzo(k)fluoranthene

Concen: 162.48 ng/ul

RT: 22.93 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BM003591.D

Acq: 16 Dec 2015 23:19

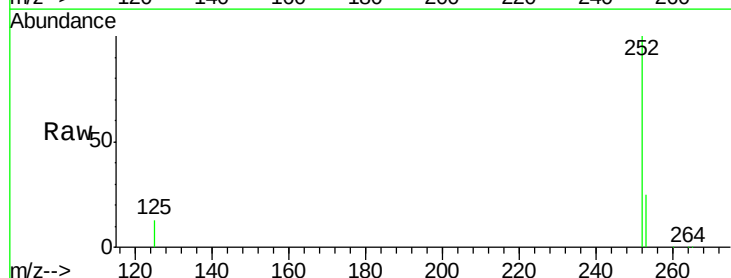
Tgt Ion:252 Resp:14406357

Ion Ratio Lower Upper

252 100

253 24.5 19.8 29.8

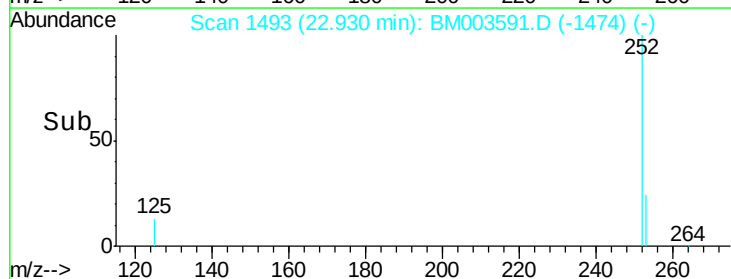
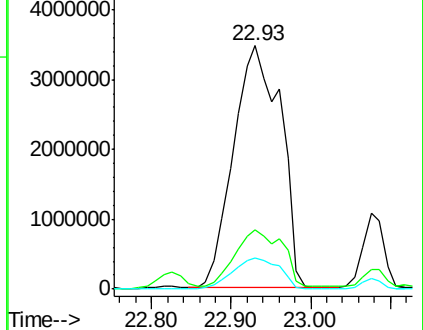
125 12.8 10.4 15.6

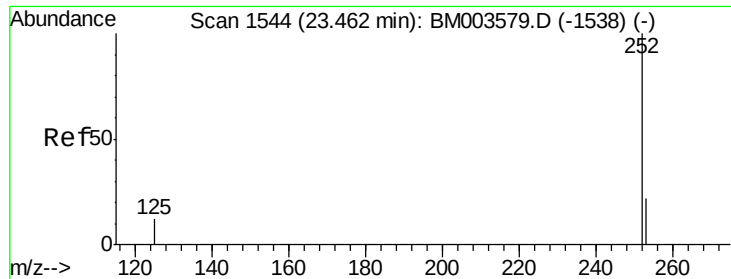


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 79.18 ng/ul

RT: 23.50 min Scan# 1548

Delta R.T. 0.04 min

Lab File: BM003591.D

Acq: 16 Dec 2015 23:19

Instrument :

BNA_M

ClientSampleId :

D9N37

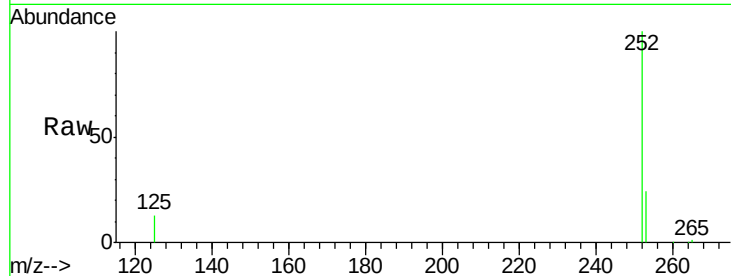
Tgt Ion:252 Resp: 6533155

Ion Ratio Lower Upper

252 100

253 23.6 19.4 29.2

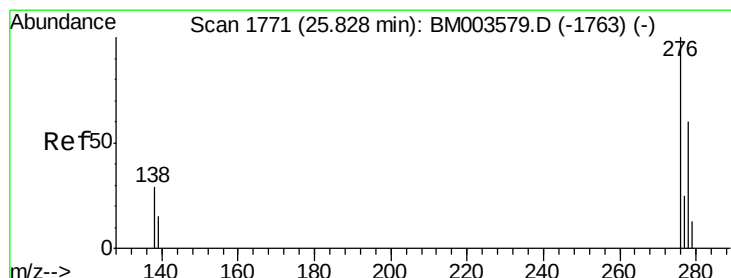
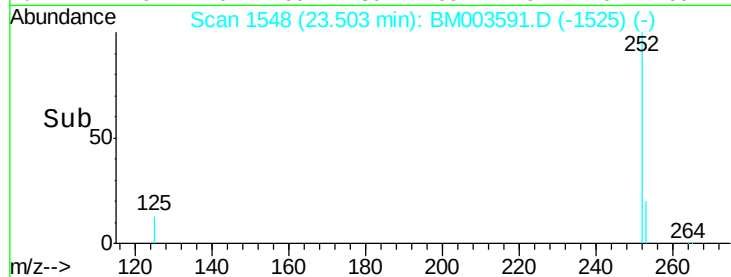
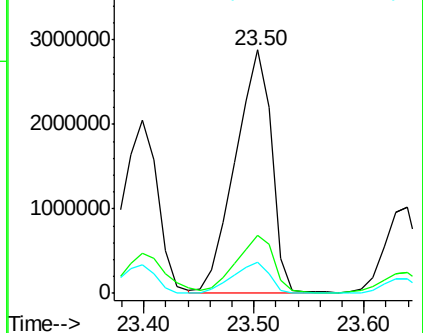
125 12.9 12.7 19.1



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 25.04 ng/ul

RT: 25.86 min Scan# 1774

Delta R.T. 0.03 min

Lab File: BM003591.D

Acq: 16 Dec 2015 23:19

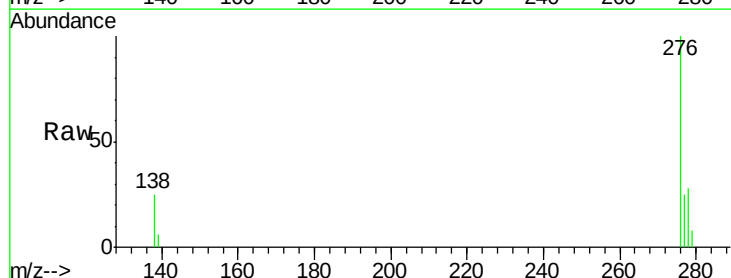
Tgt Ion:276 Resp: 2395331

Ion Ratio Lower Upper

276 100

138 24.8 16.3 24.5#

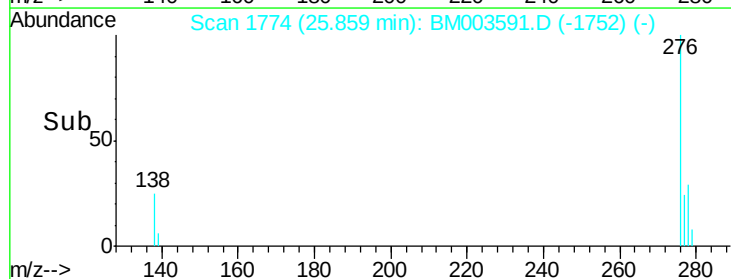
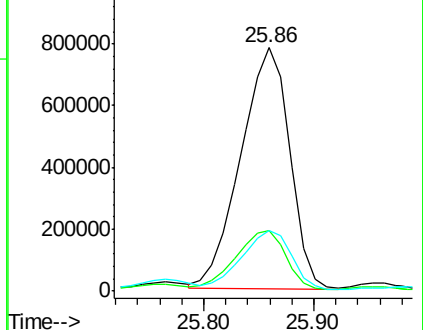
277 24.8 19.8 29.8

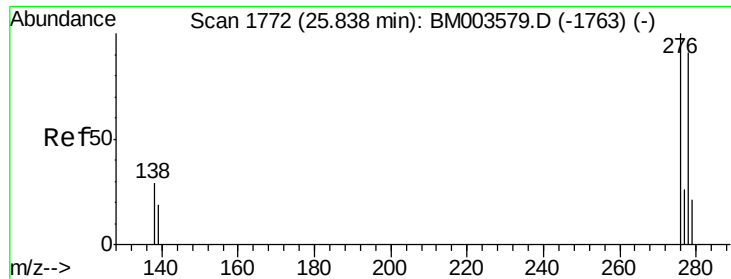


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

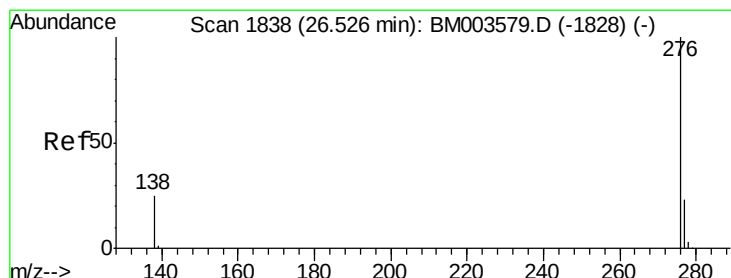
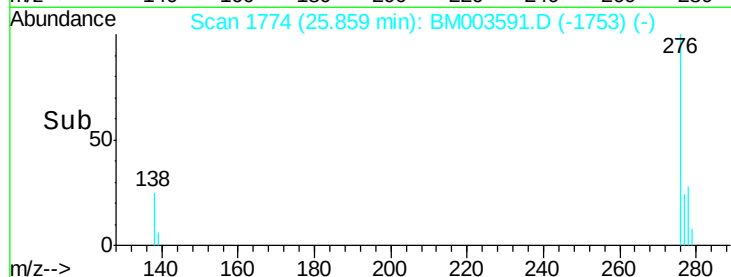
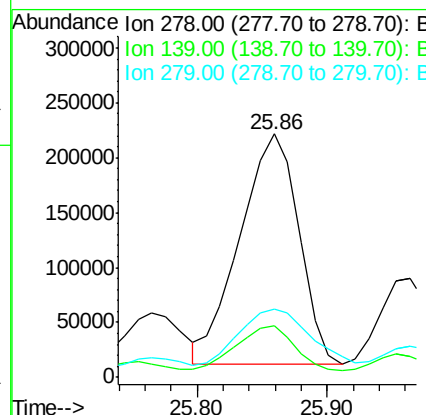
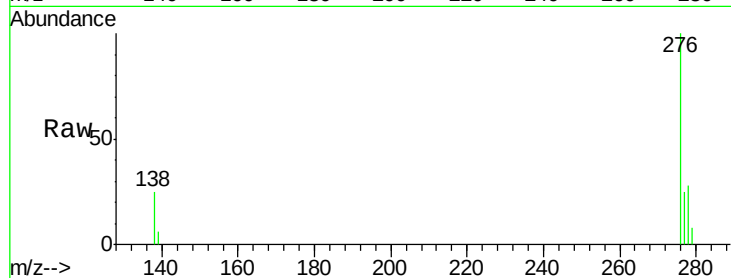




#27
Dibenzo(a,h)anthracene
Concen: 8.56 ng/ul
RT: 25.86 min Scan# 1774
Delta R.T. 0.02 min
Lab File: BM003591.D
Acq: 16 Dec 2015 23:19

Instrument :
BNA_M
ClientSampleId :
D9N37

Tgt Ion: 278 Resp: 659619
Ion Ratio Lower Upper
278 100
139 21.0 16.4 24.6
279 28.2 20.2 30.2



#28
Benzo(g,h,i)perylene
Concen: 24.14 ng/ul
RT: 26.56 min Scan# 1841
Delta R.T. 0.03 min
Lab File: BM003591.D
Acq: 16 Dec 2015 23:19

Tgt Ion: 276 Resp: 2009601
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 25.4 22.5 33.7

