

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
 Data File : BM007888.D
 Acq On : 15 Nov 2016 12:29
 Operator : UM/SJ
 Sample : H5626-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F2J01

Quant Time: Nov 16 01:22:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:19:46 2016
 Response via : Initial Calibration

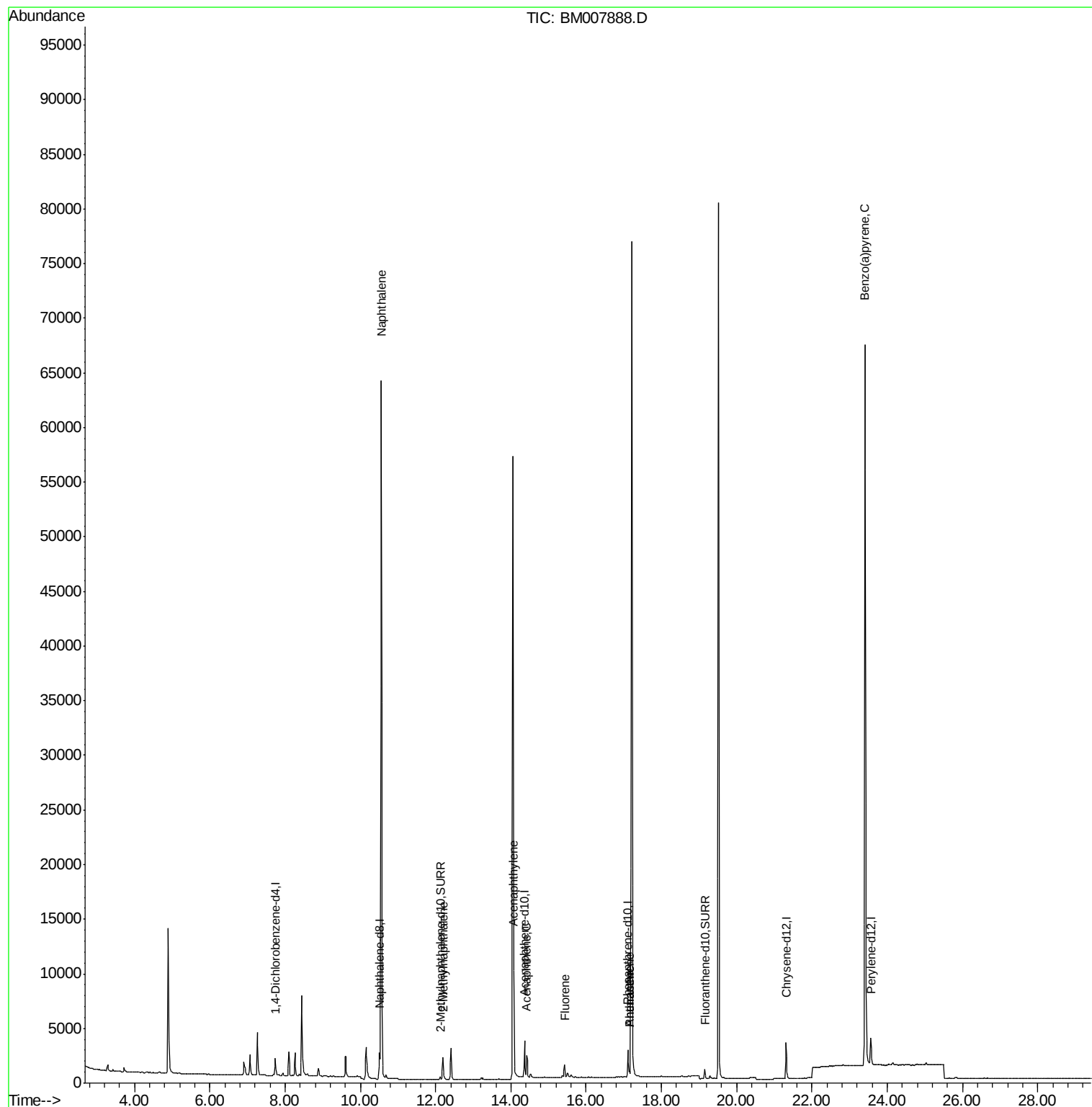
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	971	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	3222	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1882	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	3647	0.40	ng/ul	-0.02
16) Chrysene-d12	21.31	240	3731	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	4105	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	485	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	1464	0.18	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.56	128	88320	10.66	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	2098	0.40	ng/ul	98
7) Acenaphthylene	14.07	152	253	0.03	ng/ul#	54
8) Acenaphthene	14.42	153	1536	0.23	ng/ul	88
9) Fluorene	15.43	166	1076	0.14	ng/ul#	97
12) Phenanthrene	17.16	178	729	0.07	ng/ul#	83
13) Anthracene	17.16	178	729	0.08	ng/ul#	84
23) Benzo(a)pyrene	23.41	252	444	0.03	ng/ul#	1

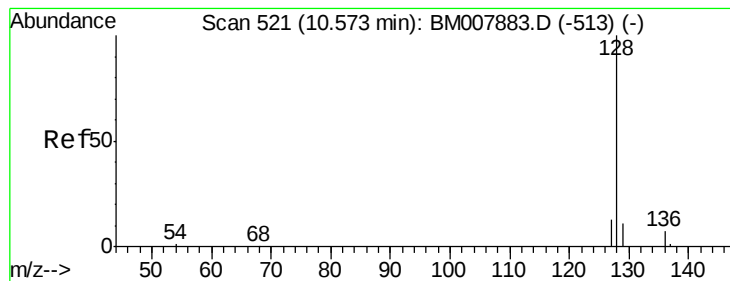
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 10.66 ng/ul

RT: 10.56 min Scan# 520

Delta R.T. -0.01 min

Lab File: BM007888.D

Acq: 15 Nov 2016 12:29

Instrument :

BNA_M

ClientSampleId :

F2J01

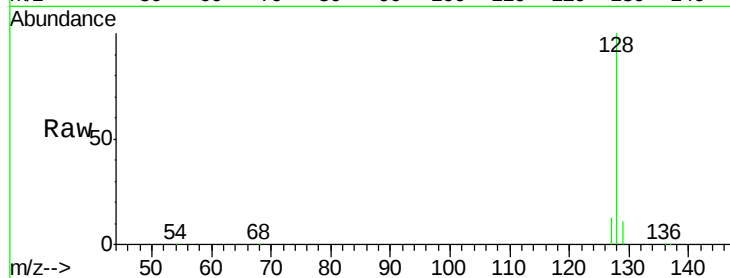
Tgt Ion:128 Resp: 88320

Ion Ratio Lower Upper

128 100

129 10.8 11.3 16.9#

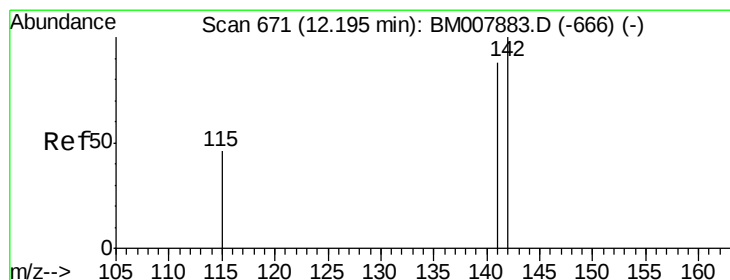
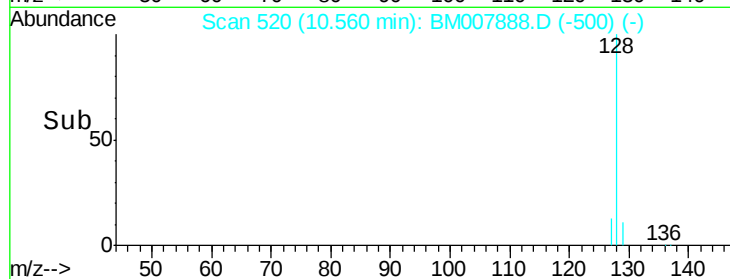
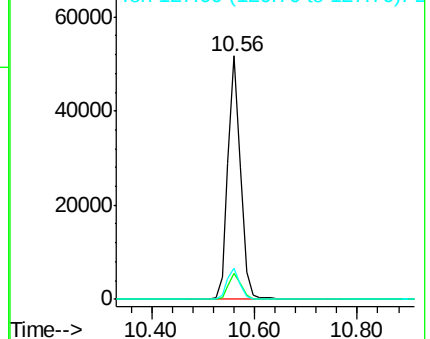
127 13.0 12.8 19.2



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: 0.40 ng/ul

RT: 12.19 min Scan# 671

Delta R.T. -0.00 min

Lab File: BM007888.D

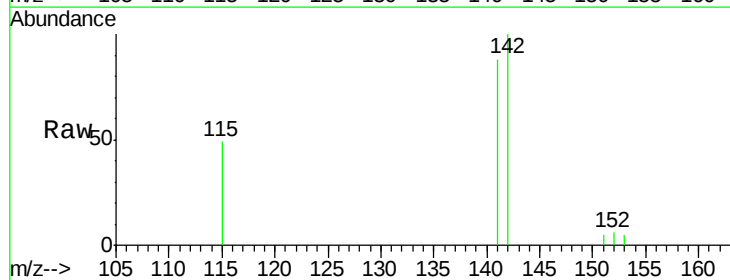
Acq: 15 Nov 2016 12:29

Tgt Ion:142 Resp: 2098

Ion Ratio Lower Upper

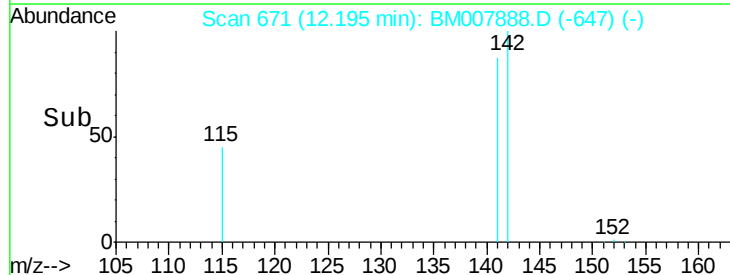
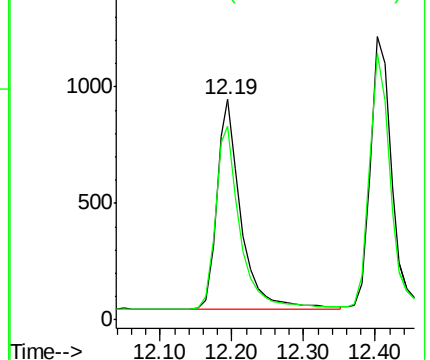
142 100

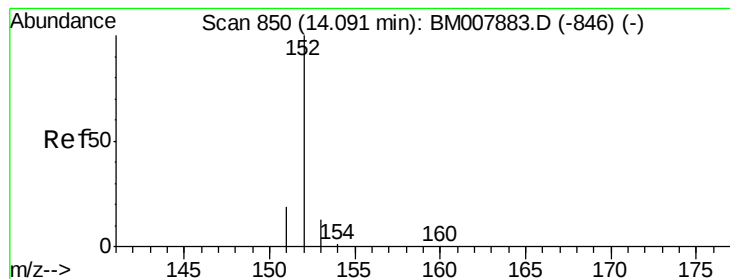
141 88.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. -0.02 min

Lab File: BM007888.D

Acq: 15 Nov 2016 12:29

Instrument :

BNA_M

ClientSampleId :

F2J01

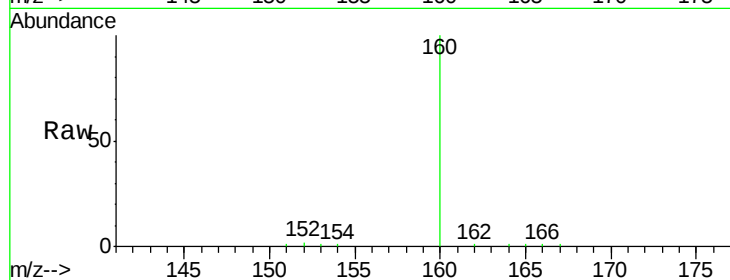
Tgt Ion:152 Resp: 253

Ion Ratio Lower Upper

152 100

151 42.8 17.1 25.7#

153 35.8 12.8 19.2#



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

250

200

150

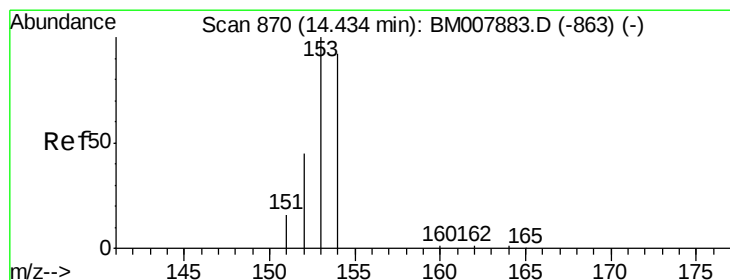
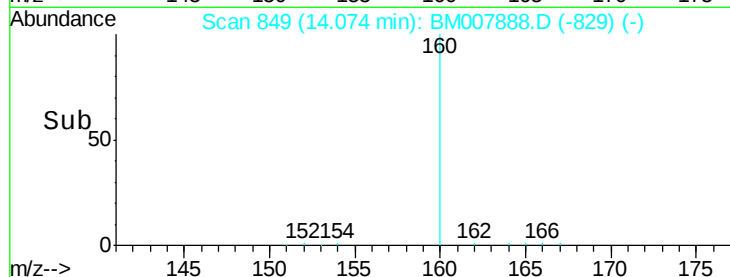
100

50

0

14.00 14.10 14.20

Time-->



#8

Acenaphthene

Concen: 0.23 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM007888.D

Acq: 15 Nov 2016 12:29

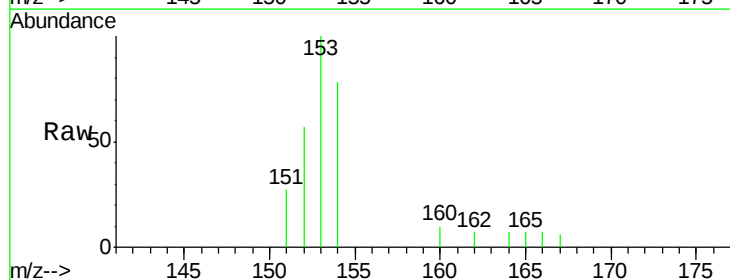
Tgt Ion:153 Resp: 1536

Ion Ratio Lower Upper

153 100

152 57.5 40.3 60.5

154 77.6 71.4 107.2



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

1000

800

600

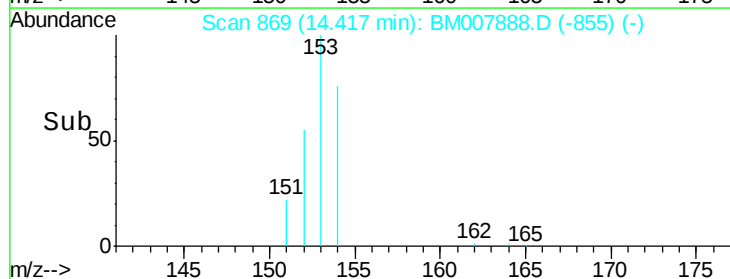
400

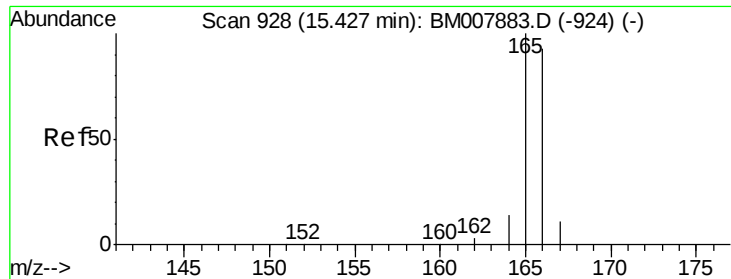
200

0

14.40 14.50

Time-->

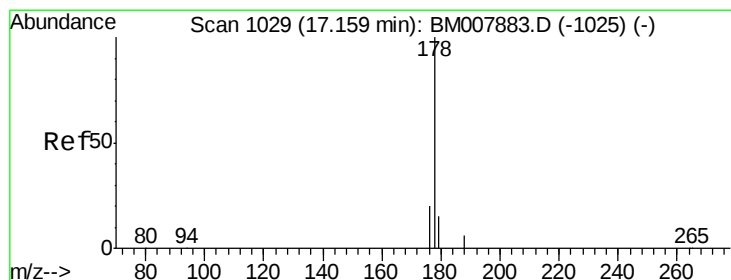
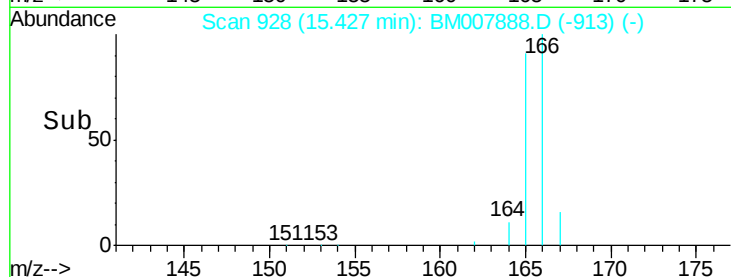
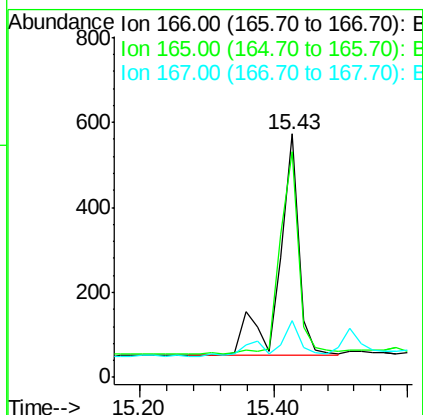
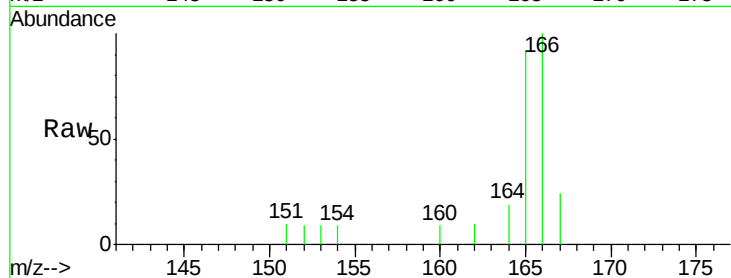




#9
Fluorene
 Concen: 0.14 ng/ul
 RT: 15.43 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BM007888.D
 Acq: 15 Nov 2016 12:29

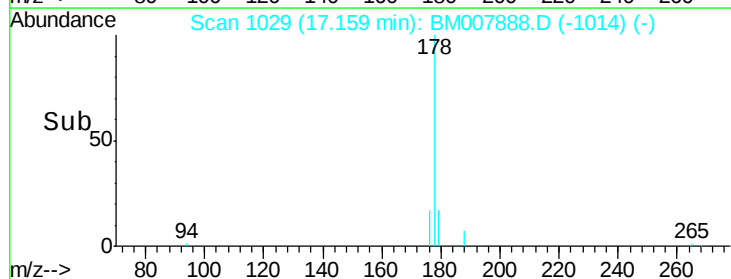
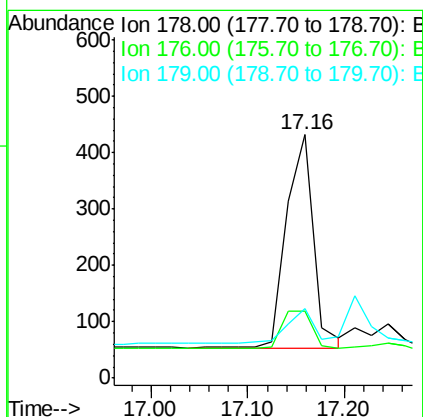
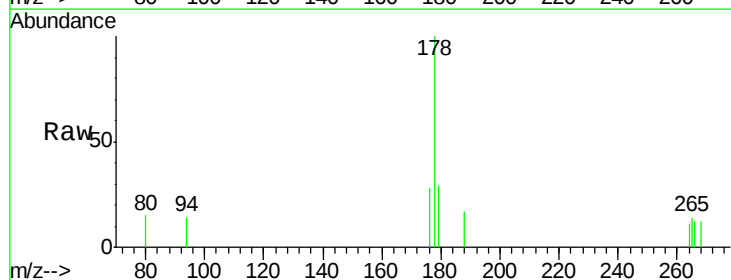
Instrument :
 BNA_M
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 F2J01

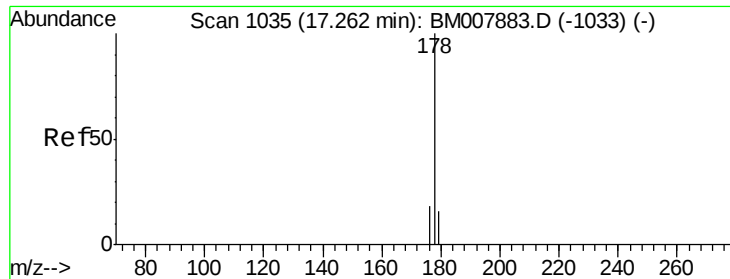
Tgt Ion:166 Resp: 1076
 Ion Ratio Lower Upper
 166 100
 165 92.5 73.4 110.2
 167 23.6 14.6 22.0#



#12
Phenanthrene
 Concen: 0.07 ng/ul
 RT: 17.16 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BM007888.D
 Acq: 15 Nov 2016 12:29

Tgt Ion:178 Resp: 729
 Ion Ratio Lower Upper
 178 100
 176 27.5 18.4 27.6
 179 28.7 13.6 20.4#





#13

Anthracene

Concen: 0.08 ng/ul

RT: 17.16 min Scan# 1029

Delta R.T. -0.10 min

Lab File: BM007888.D

Acq: 15 Nov 2016 12:29

Instrument :

BNA_M

ClientSampleId :

F2J01

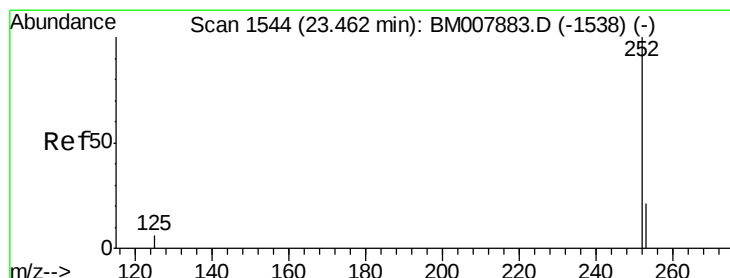
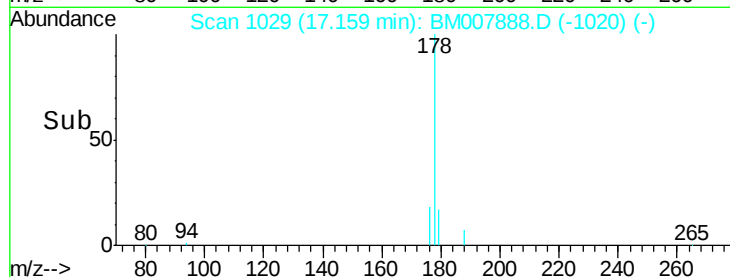
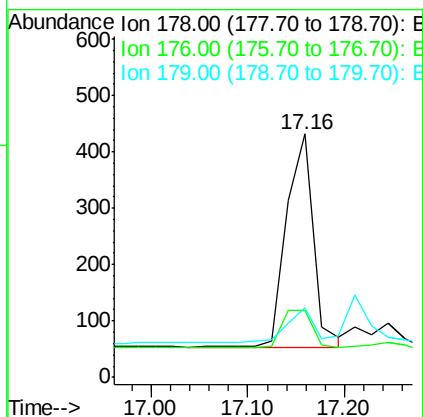
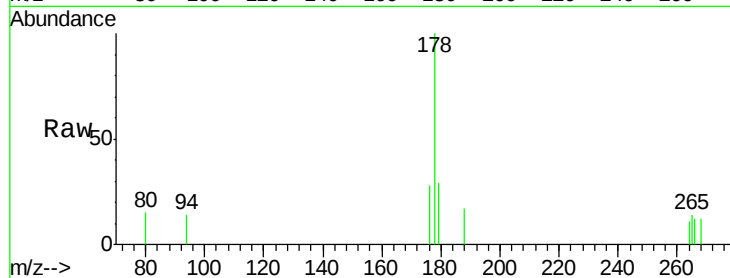
Tgt Ion:178 Resp: 729

Ion Ratio Lower Upper

178 100

176 27.5 18.1 27.1#

179 28.7 14.7 22.1#



#23

Benzo(a)pyrene

Concen: 0.03 ng/ul

RT: 23.41 min Scan# 1539

Delta R.T. -0.05 min

Lab File: BM007888.D

Acq: 15 Nov 2016 12:29

Tgt Ion:252 Resp: 444

Ion Ratio Lower Upper

252 100

253 87.6 28.5 42.7#

125 85.7 18.1 27.1#

