

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111516\
 Data File : BM007887.D
 Acq On : 15 Nov 2016 11:53
 Operator : UM/SJ
 Sample : H5626-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F2J00

Quant Time: Nov 16 01:22:15 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	947	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	3001	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.37	164	1658	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	108341	0.40	ng/ul	0.09
16) Chrysene-d12	21.31	240	3138	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	3571	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.12	152	531	0.15	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

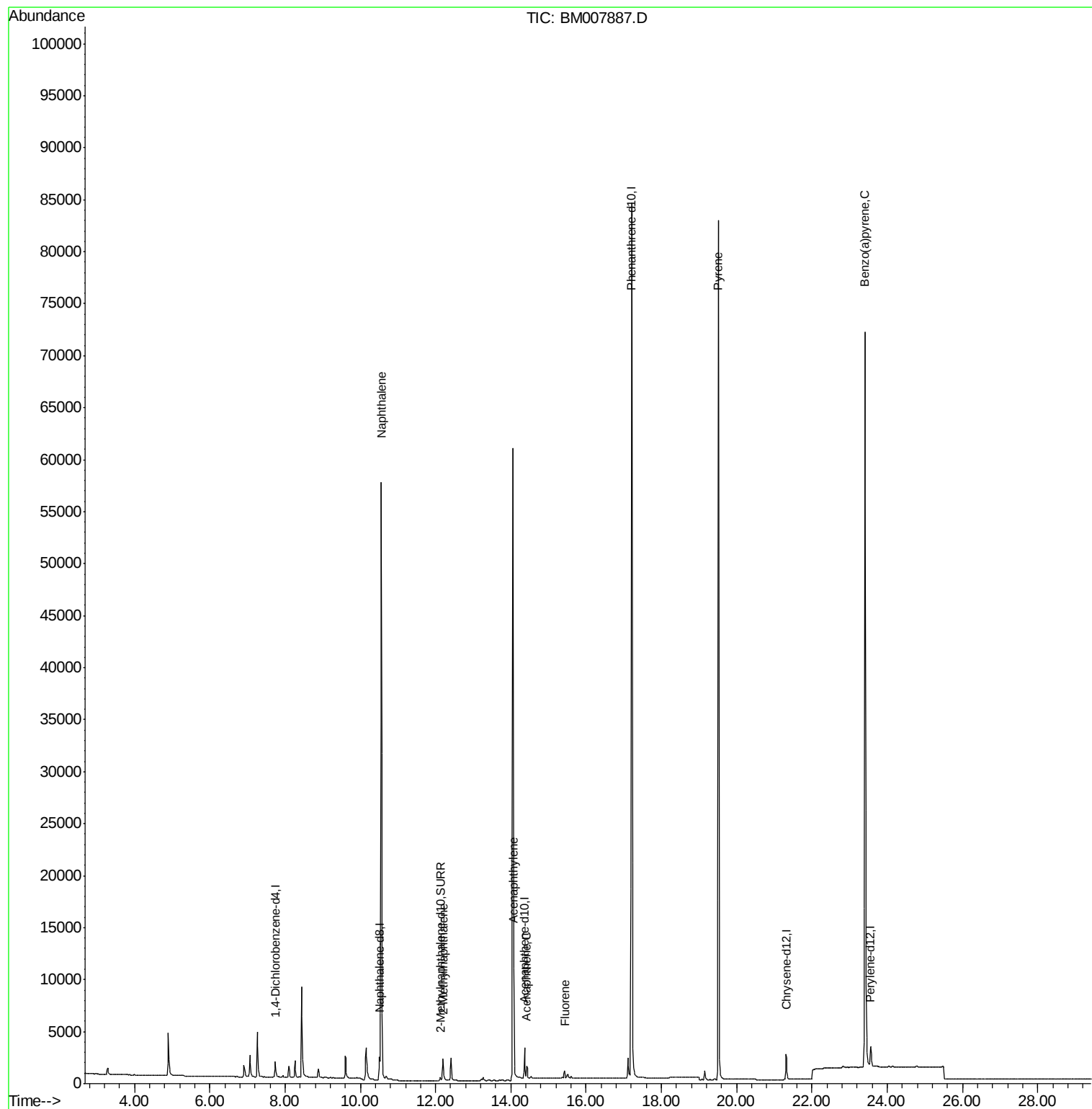
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	81375	10.55	ng/ul#	93
5) 2-Methylnaphthalene	12.19	142	2093	0.43	ng/ul	100
7) Acenaphthylene	14.07	152	198	0.03	ng/ul#	45
8) Acenaphthene	14.42	153	966	0.16	ng/ul	87
9) Fluorene	15.43	166	774	0.12	ng/ul#	97
17) Pyrene	19.51	202	258	0.02	ng/ul#	1
23) Benzo(a)pyrene	23.41	252	519	0.05	ng/ul#	2

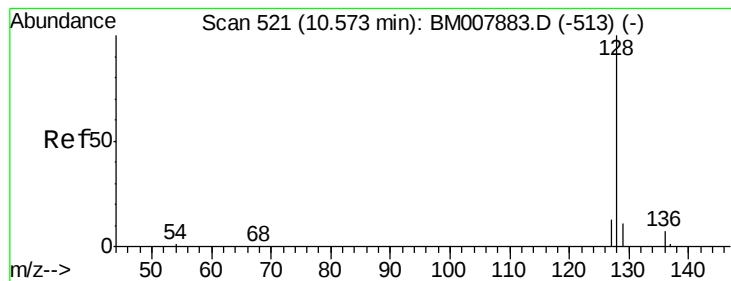
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 10.55 ng/ul

RT: 10.56 min Scan# 520

Delta R.T. -0.01 min

Lab File: BM007887.D

Acq: 15 Nov 2016 11:53

Instrument :

BNA_M

ClientSampleId :

F2J00

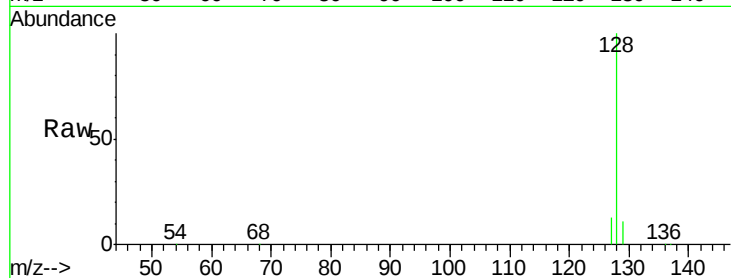
Tgt Ion:128 Resp: 81375

Ion Ratio Lower Upper

128 100

129 10.9 11.3 16.9#

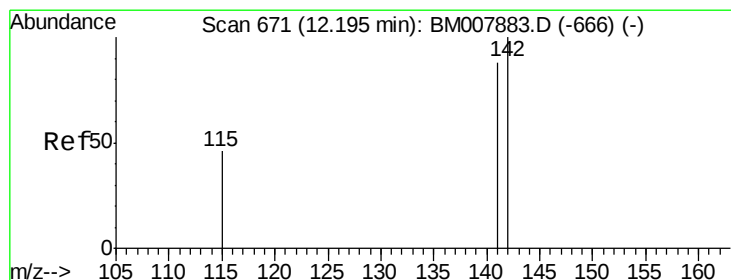
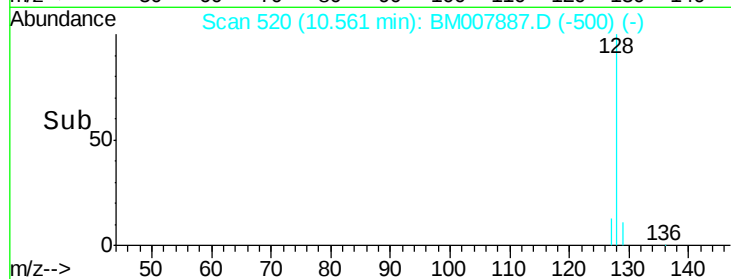
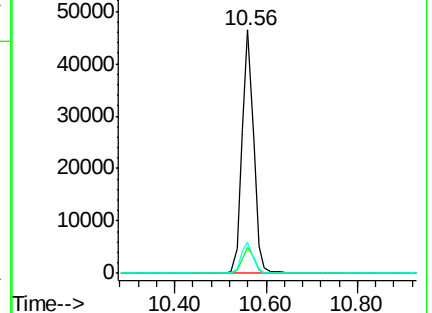
127 13.0 12.8 19.2



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: 0.43 ng/ul

RT: 12.19 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM007887.D

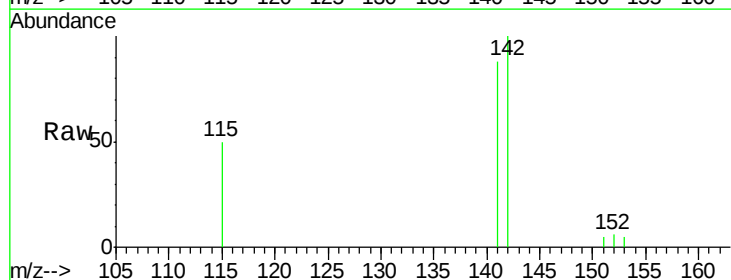
Acq: 15 Nov 2016 11:53

Tgt Ion:142 Resp: 2093

Ion Ratio Lower Upper

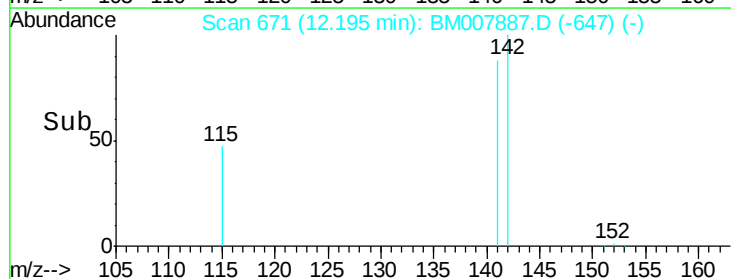
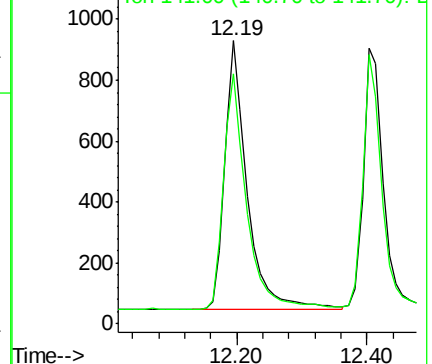
142 100

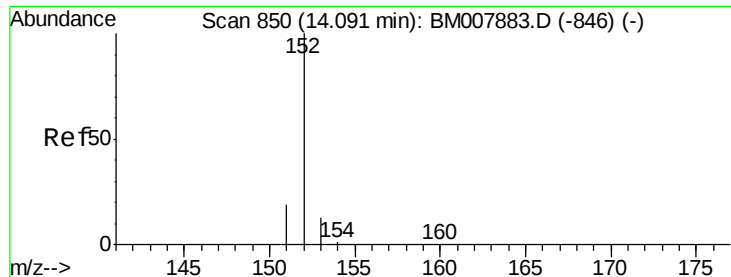
141 90.4 72.6 108.8



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: BM007887.D

Acq: 15 Nov 2016 11:53

Instrument :

BNA_M

ClientSampleId :

F2J00

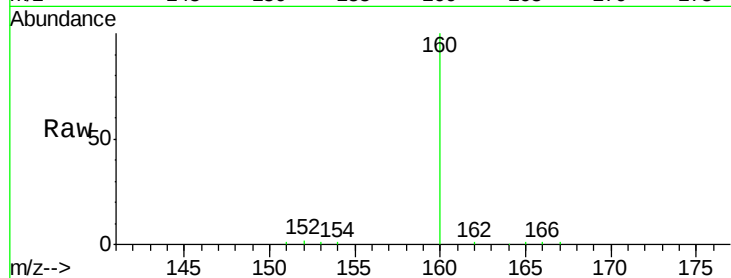
Tgt Ion:152 Resp: 198

Ion Ratio Lower Upper

152 100

151 46.5 17.1 25.7#

153 40.8 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

14.07

150

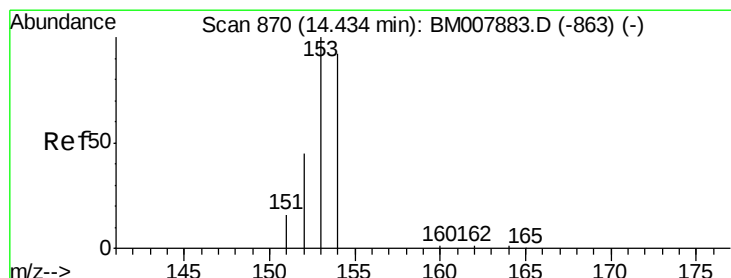
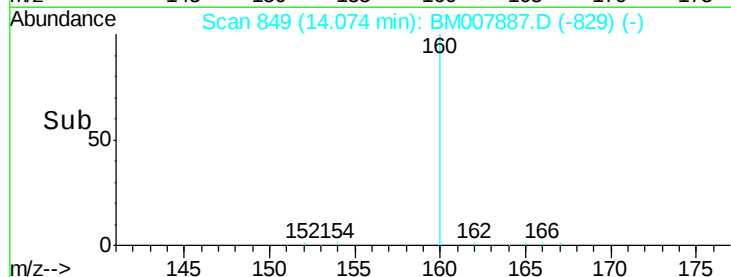
100

50

0

14.00 14.20

Time-->



#8

Acenaphthene

Concen: 0.16 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. -0.02 min

Lab File: BM007887.D

Acq: 15 Nov 2016 11:53

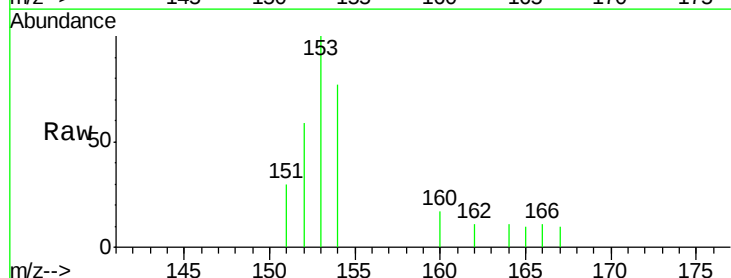
Tgt Ion:153 Resp: 966

Ion Ratio Lower Upper

153 100

152 59.3 40.3 60.5

154 76.8 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

14.42

600

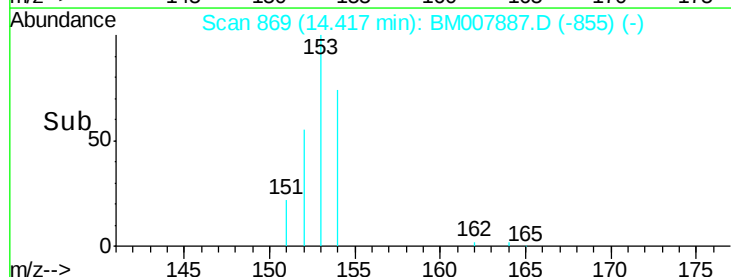
400

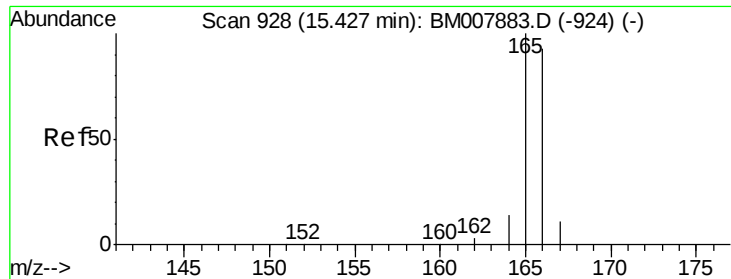
200

0

14.30 14.40 14.50

Time-->





#9

Fluorene

Concen: 0.12 ng/ul

RT: 15.43 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM007887.D

Acq: 15 Nov 2016 11:53

Instrument :

BNA_M

ClientSampleId :

F2J00

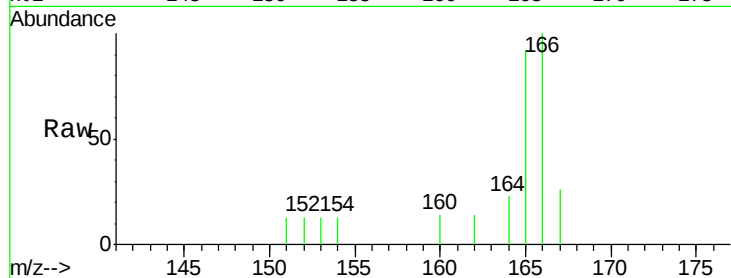
Tgt Ion:166 Resp: 774

Ion Ratio Lower Upper

166 100

165 91.9 73.4 110.2

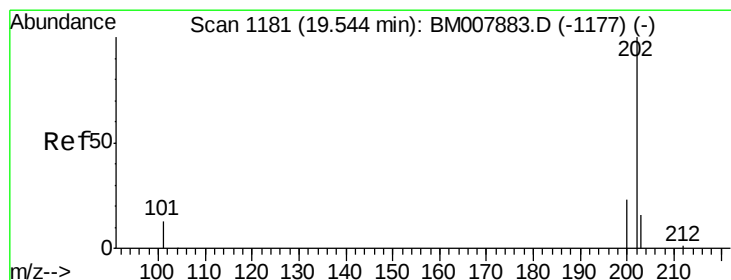
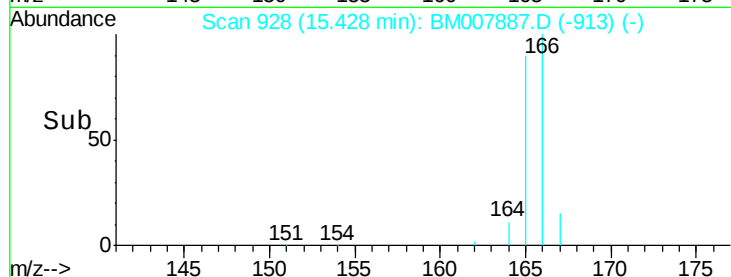
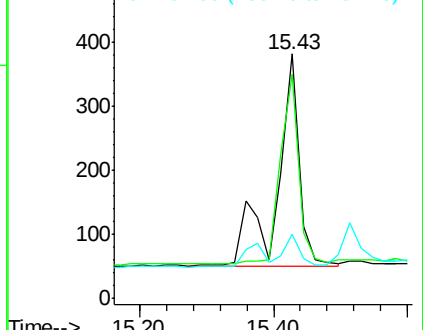
167 25.9 14.6 22.0#



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



#17

Pyrene

Concen: 0.02 ng/ul

RT: 19.51 min Scan# 1178

Delta R.T. -0.04 min

Lab File: BM007887.D

Acq: 15 Nov 2016 11:53

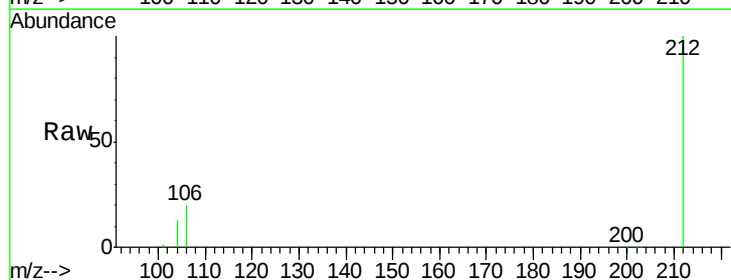
Tgt Ion:202 Resp: 258

Ion Ratio Lower Upper

202 100

200 31.6 18.2 27.4#

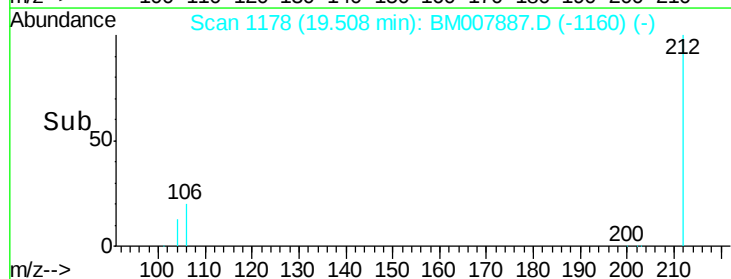
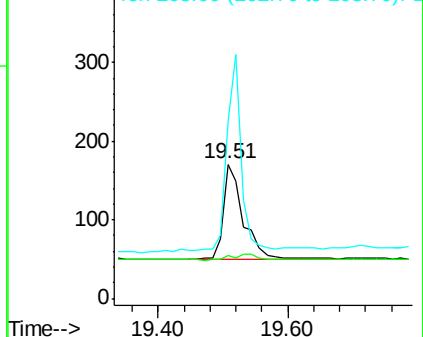
203 131.6 15.6 23.4#

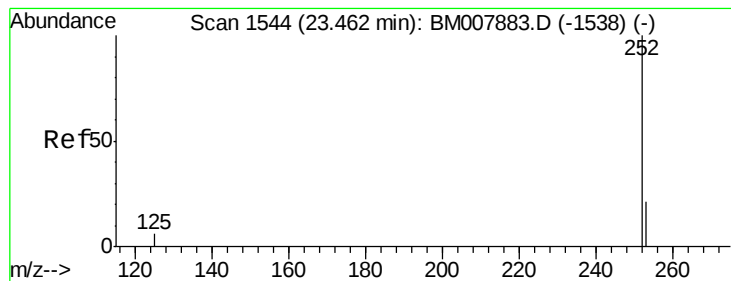


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.41 min Scan# 1539

Delta R.T. -0.05 min

Lab File: BM007887.D

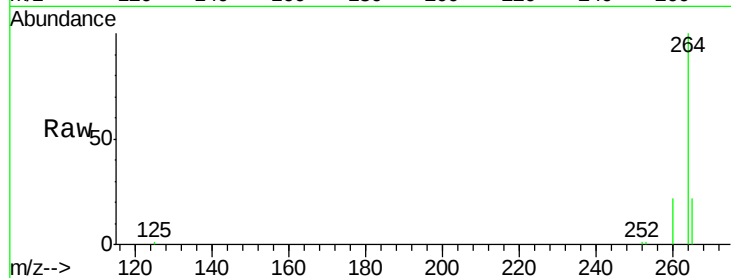
Acq: 15 Nov 2016 11:53

Instrument :

BNA_M

ClientSampleId :

F2J00



Tgt Ion:	252	Resp:	519
Ion	Ratio	Lower	Upper
252	100		
253	86.1	28.5	42.7#
125	78.9	18.1	27.1#

