

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008233.D
 Acq On : 10 Dec 2016 15:40
 Operator : UM/SJ
 Sample : H5905-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 02:48:49 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 02:45:24 2016
 Response via : Initial Calibration

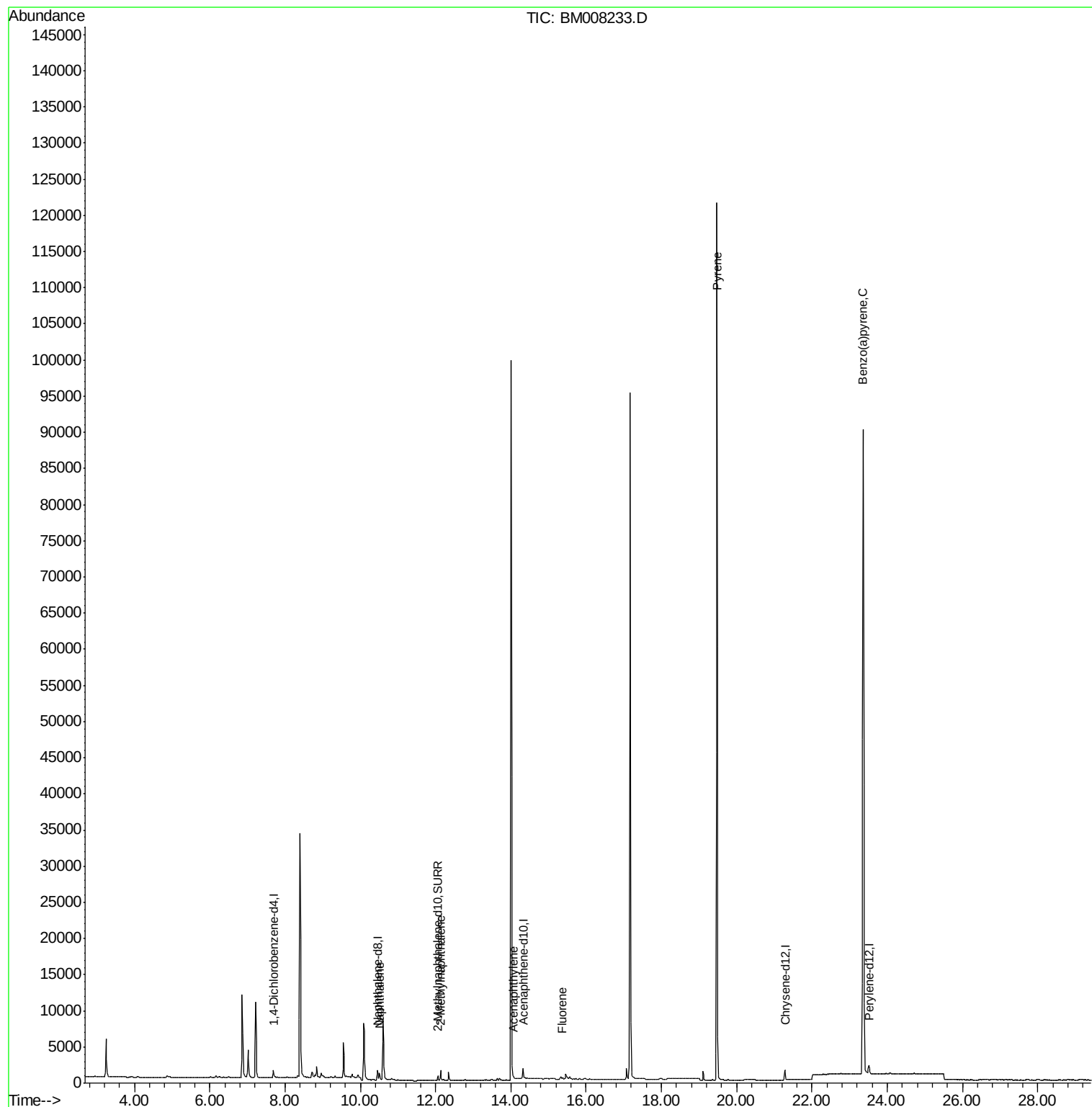
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	600	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	1930	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1102	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.09
16) Chrysene-d12	21.29	240	1723	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	1791	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	912	0.33	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	1920	0.00	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.51	128	1258	0.23	ng/ul#	91
5) 2-Methylnaphthalene	12.13	142	1135	0.33	ng/ul	99
7) Acenaphthylene	14.07	152	124	0.02	ng/ul#	1
9) Fluorene	15.38	166	125	0.03	ng/ul#	70
17) Pyrene	19.48	202	303	0.05	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	574	0.09	ng/ul#	34

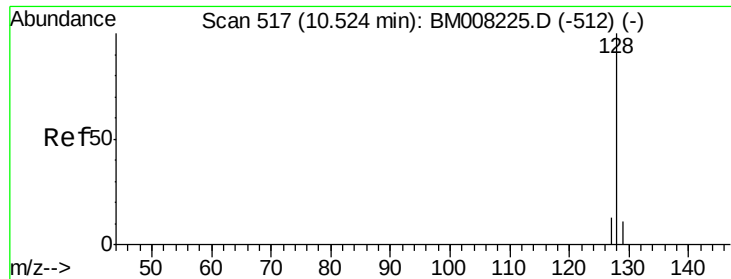
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 12 02:45:24 2016
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#3

Naphthalene

Concen: 0.23 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008233.D

Acq: 10 Dec 2016 15:40

Instrument :

BNA_M

ClientSampleId :

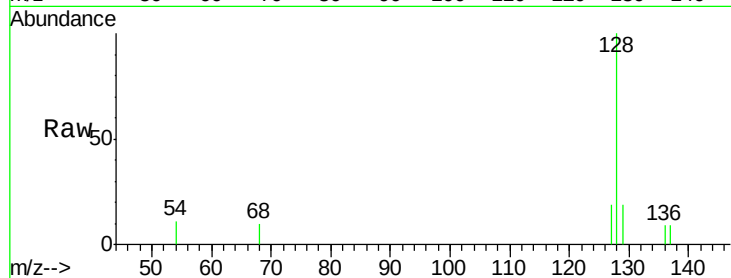
Tot Ion:128 Resp: 1258

Ion Ratio Lower Upper

128 100

129 19.1 11.3 16.9#

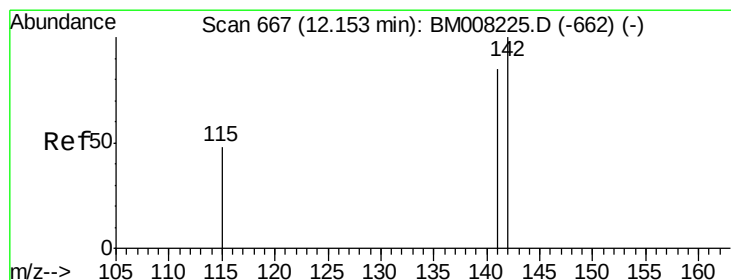
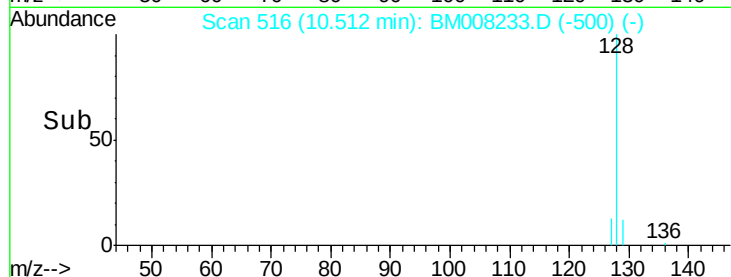
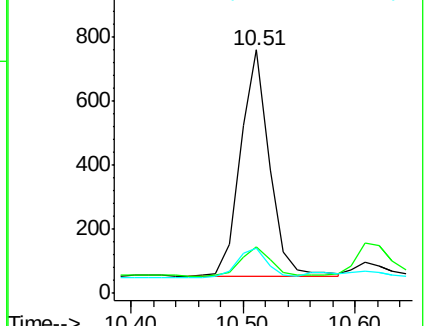
127 18.5 12.8 19.2



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: 0.33 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.02 min

Lab File: BM008233.D

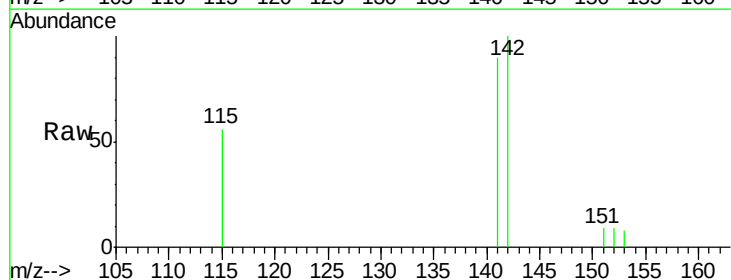
Acq: 10 Dec 2016 15:40

Tgt Ion:142 Resp: 1135

Ion Ratio Lower Upper

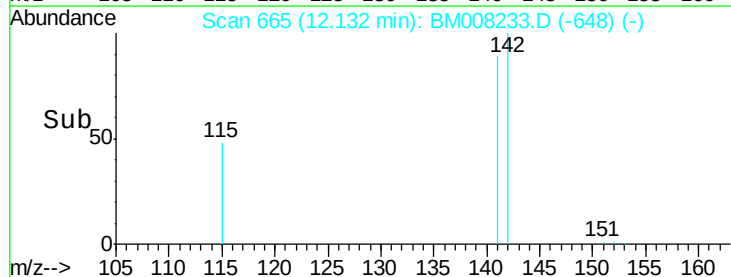
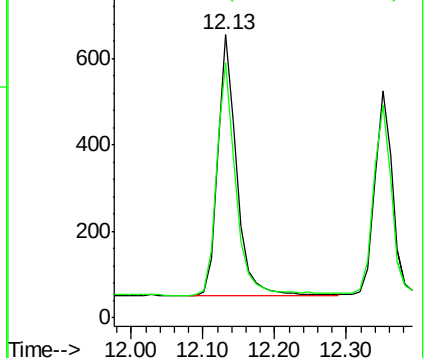
142 100

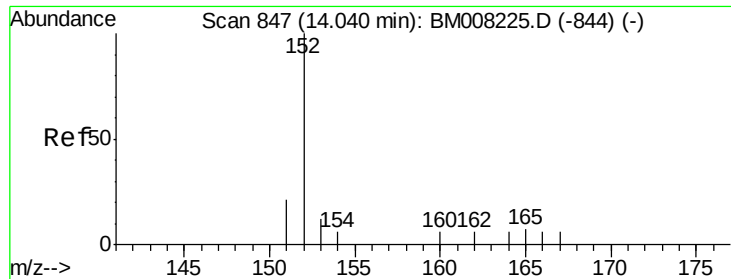
141 91.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.02 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. 0.03 min

Lab File: BM008233.D

Acq: 10 Dec 2016 15:40

Instrument :

BNA_M

ClientSampleId :

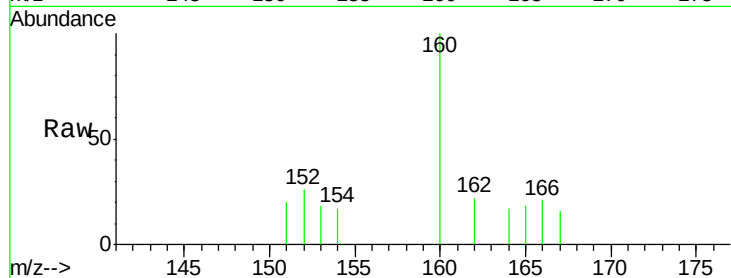
Tot Ion:152 Resp: 124

Ion Ratio Lower Upper

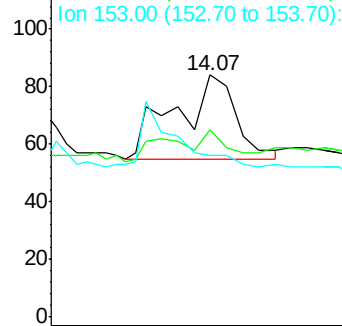
152 100

151 77.4 17.1 25.7#

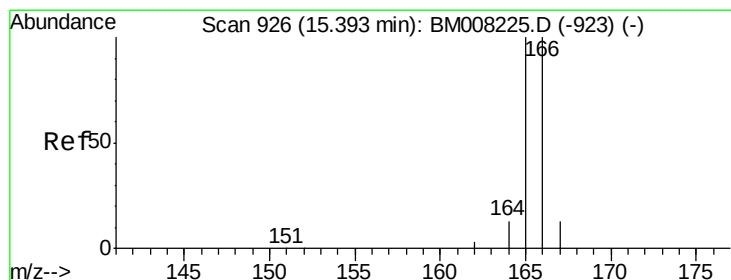
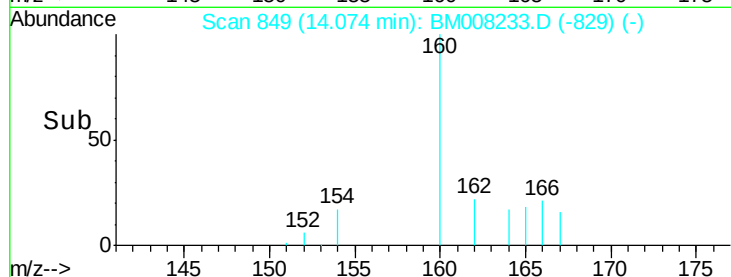
153 66.7 12.8 19.2#



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



Time-->



#9

Fluorene

Concen: 0.03 ng/ul

RT: 15.38 min Scan# 925

Delta R.T. -0.02 min

Lab File: BM008233.D

Acq: 10 Dec 2016 15:40

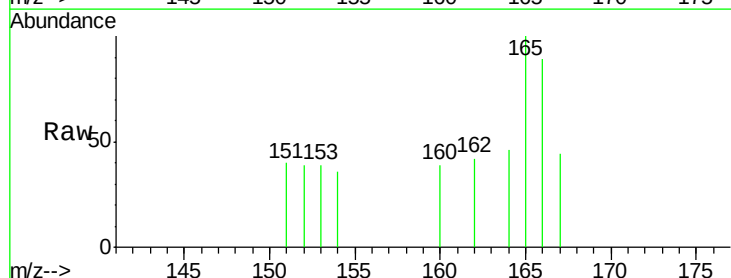
Tgt Ion:166 Resp: 125

Ion Ratio Lower Upper

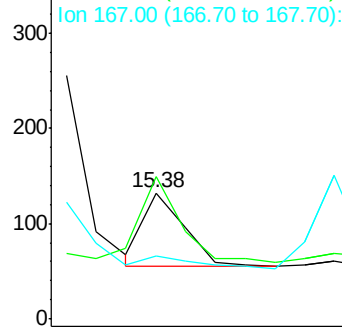
166 100

165 112.9 73.4 110.2#

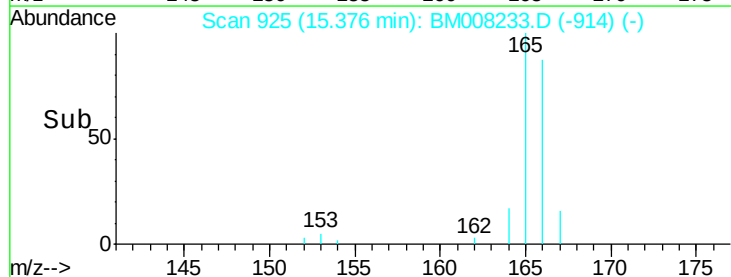
167 50.0 14.6 22.0#

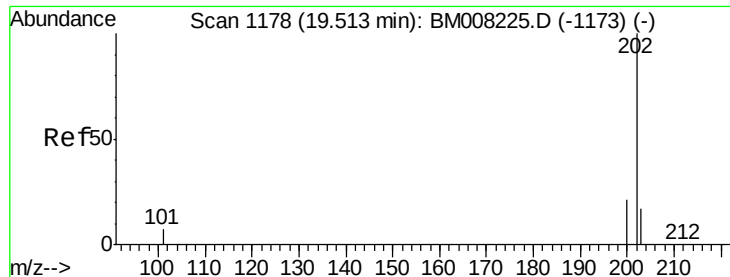


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->

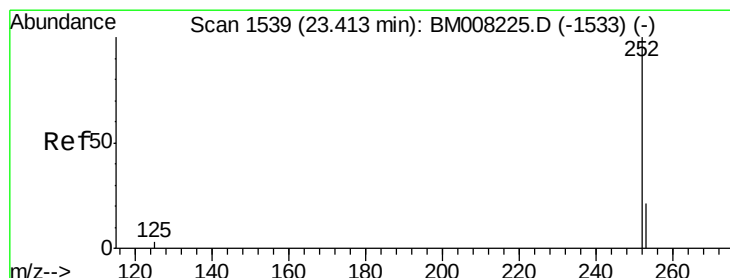
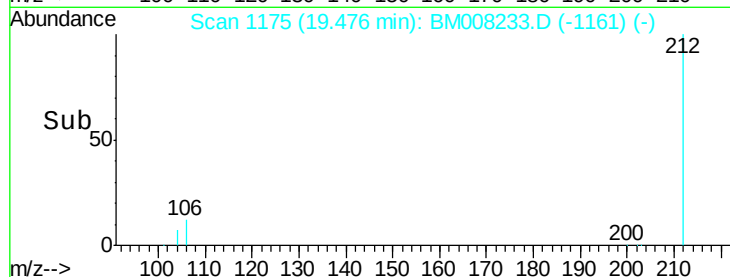
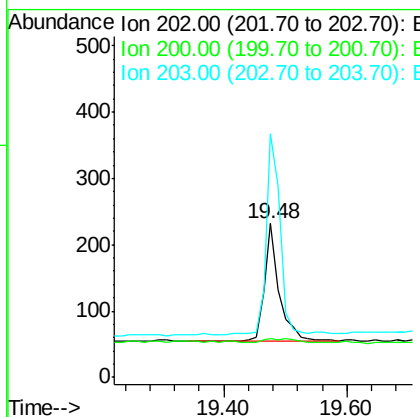
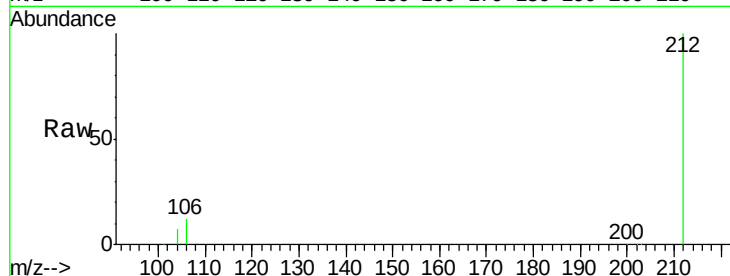




#17
 Pvrene
 Concen: 0.05 ng/ul
 RT: 19.48 min Scan# 1175
 Delta R.T. -0.04 min
 Lab File: BM008233.D
 Acq: 10 Dec 2016 15:40

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:202 Resp: 303
 Ion Ratio Lower Upper
 202 100
 200 25.4 18.2 27.4
 203 158.2 15.6 23.4#



#23
 Benzo(a)pyrene
 Concen: 0.09 ng/ul
 RT: 23.36 min Scan# 1534
 Delta R.T. -0.05 min
 Lab File: BM008233.D
 Acq: 10 Dec 2016 15:40

Tgt Ion:252 Resp: 574
 Ion Ratio Lower Upper
 252 100
 253 70.0 28.5 42.7#
 125 60.1 18.1 27.1#

