

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
 Data File : BM008558.D
 Acq On : 22 Dec 2016 16:34
 Operator : UM/SJ
 Sample : H6039-05RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S1RE

Quant Time: Dec 23 04:15:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 04:12:47 2016
 Response via : Initial Calibration

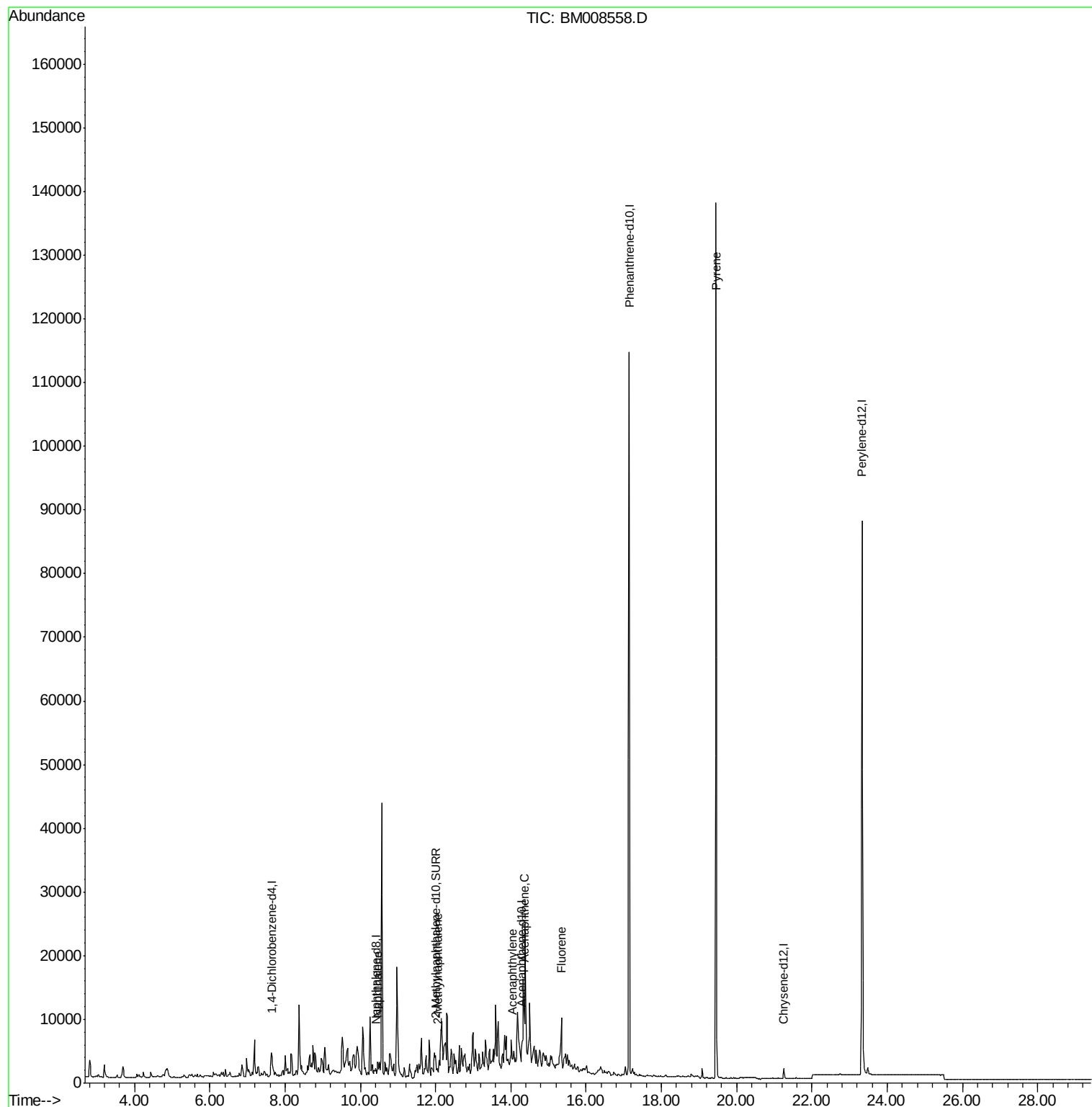
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	407	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	1349	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	1885	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	151523	0.40	ng/ul	0.07
16) Chrysene-d12	21.25	240	1723	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	125886	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	844	0.41	ng/ul	-0.06
14) Fluoranthene-d10	19.22	212	108	0.00	ng/ul	0.12
Target Compounds						
3) Naphthalene	10.46	128	1952	0.51	ng/ul#	81
5) 2-Methylnaphthalene	12.05	142	196	0.08	ng/ul	85
7) Acenaphthylene	14.04	152	1010	0.12	ng/ul#	1
8) Acenaphthene	14.35	153	3611	0.56	ng/ul	98
9) Fluorene	15.34	166	5153	0.70	ng/ul	89
17) Pyrene	19.45	202	404	0.06	ng/ul#	1

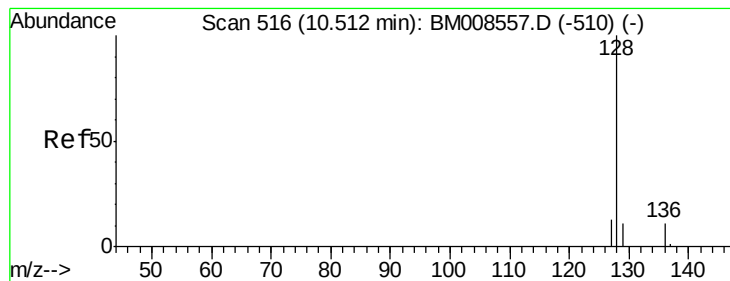
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.51 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.05 min

Lab File: BM008558.D

Acq: 22 Dec 2016 16:34

Instrument :

BNA_M

ClientSampleId :

DA8S1RE

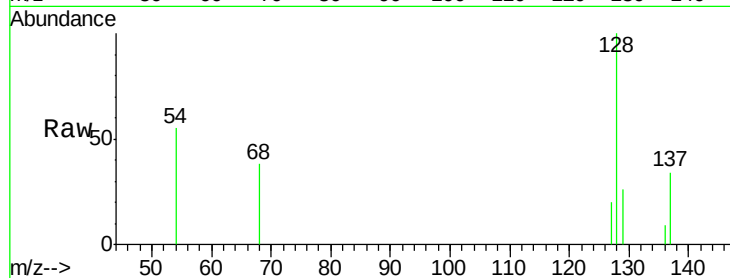
Tgt Ion:128 Resp: 1952

Ion Ratio Lower Upper

128 100

129 25.9 11.3 16.9#

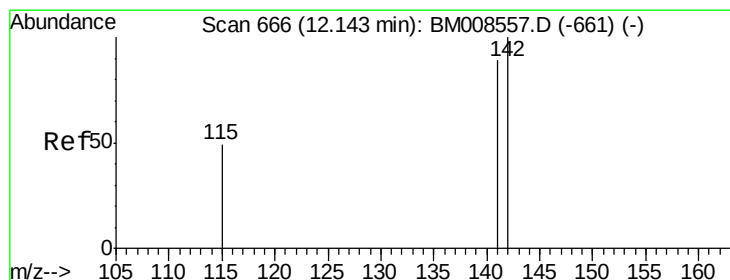
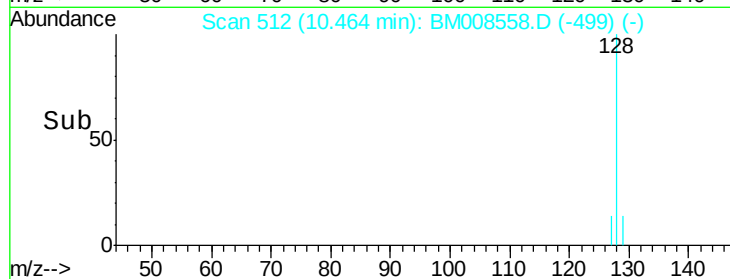
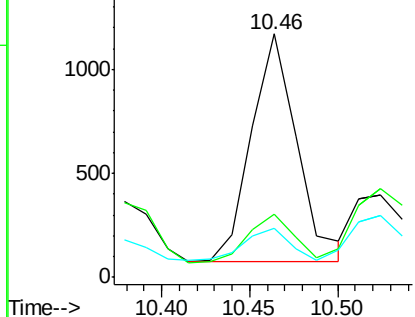
127 20.2 12.8 19.2#



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: 0.08 ng/ul

RT: 12.05 min Scan# 657

Delta R.T. -0.09 min

Lab File: BM008558.D

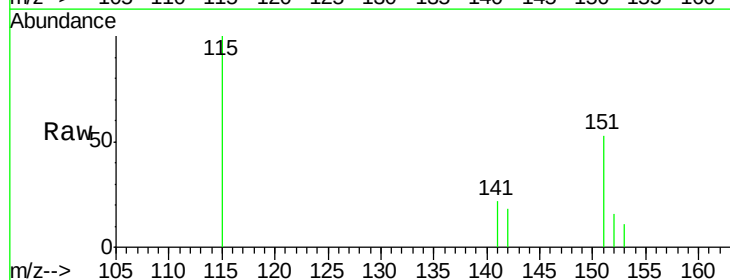
Acq: 22 Dec 2016 16:34

Tgt Ion:142 Resp: 196

Ion Ratio Lower Upper

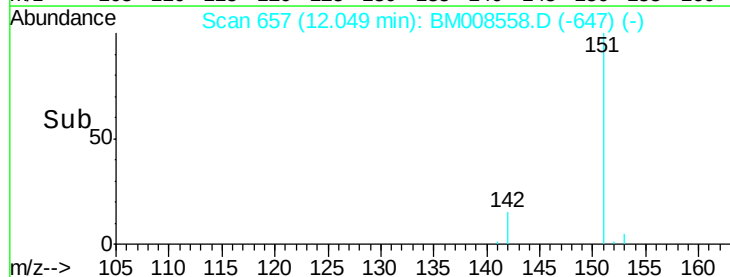
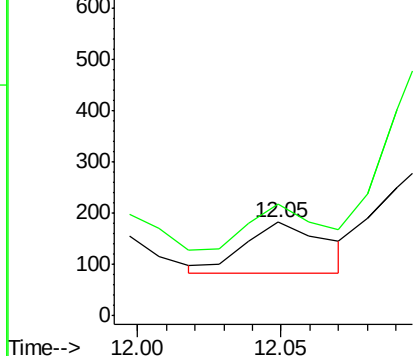
142 100

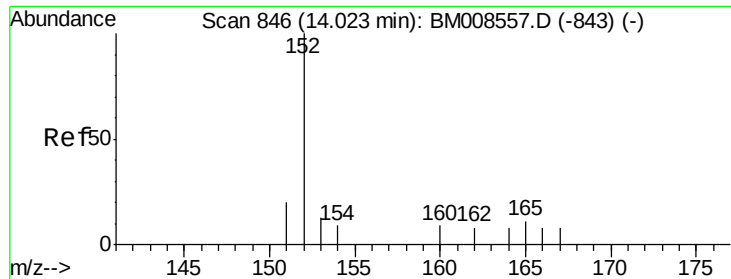
141 76.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.12 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.02 min

Lab File: BM008558.D

Acq: 22 Dec 2016 16:34

Instrument :

BNA_M

ClientSampleId :

DA8S1RE

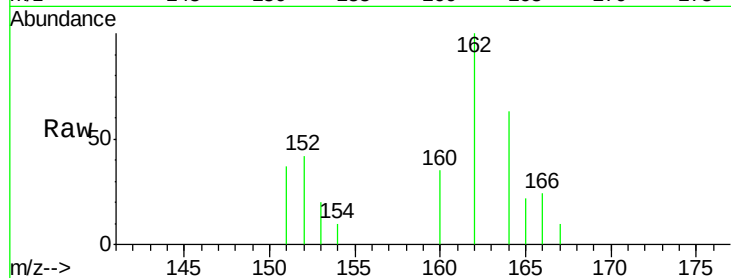
Tgt Ion:152 Resp: 1010

Ion Ratio Lower Upper

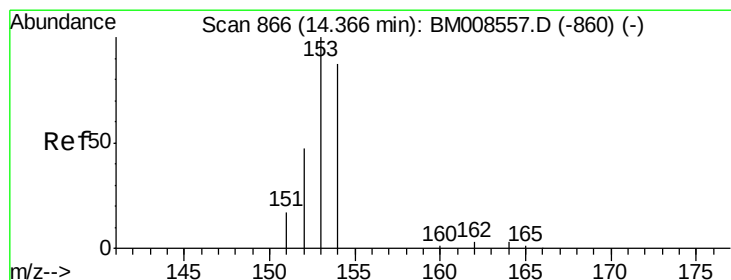
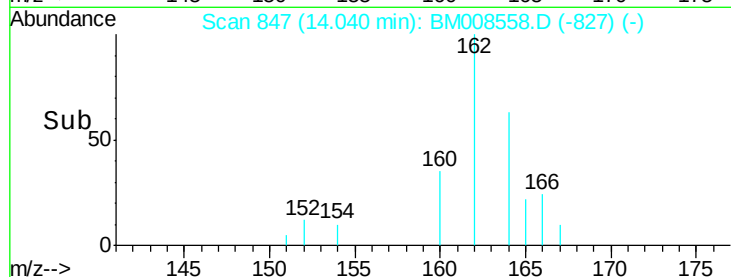
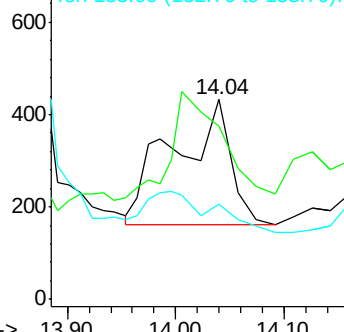
152 100

151 86.6 17.1 25.7#

153 47.5 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



#8

Acenaphthene

Concen: 0.56 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008558.D

Acq: 22 Dec 2016 16:34

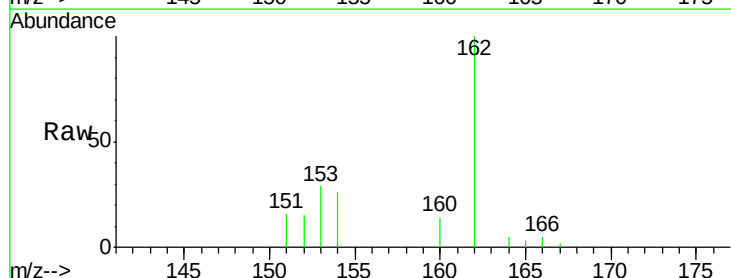
Tgt Ion:153 Resp: 3611

Ion Ratio Lower Upper

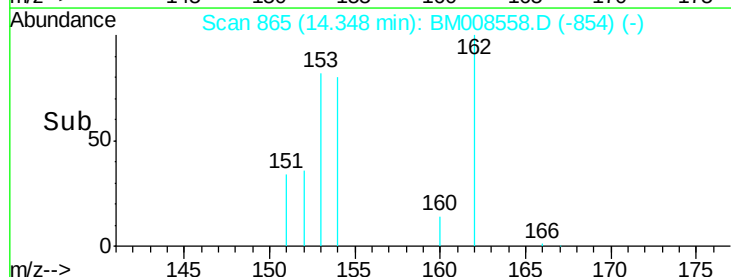
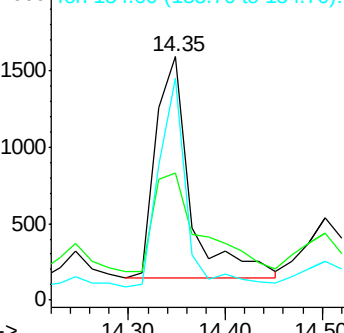
153 100

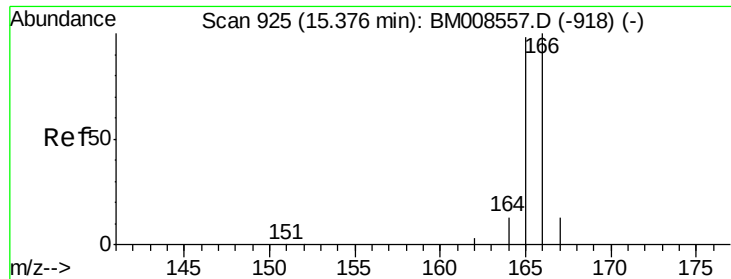
152 52.4 40.3 60.5

154 91.3 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

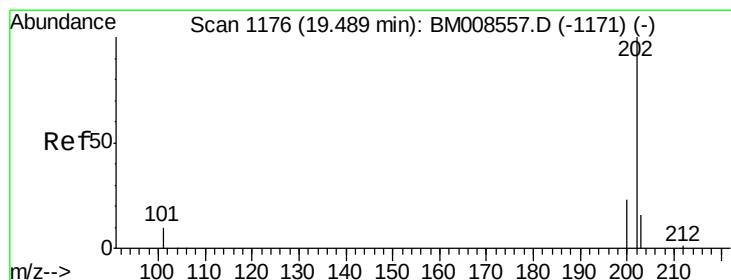
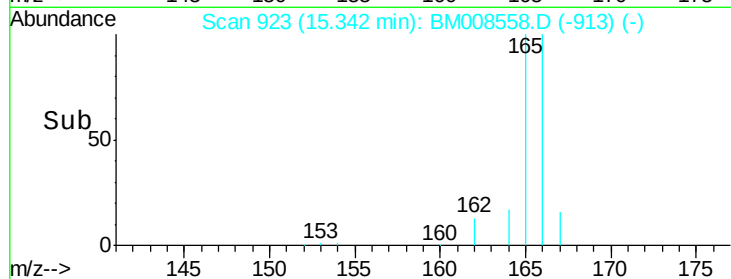
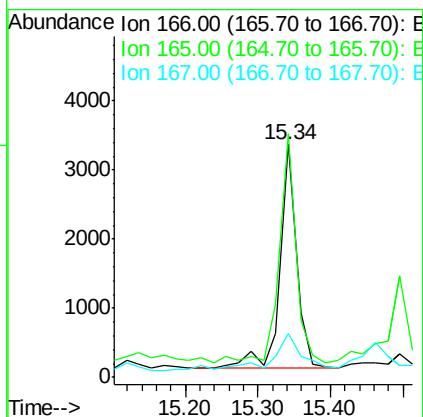
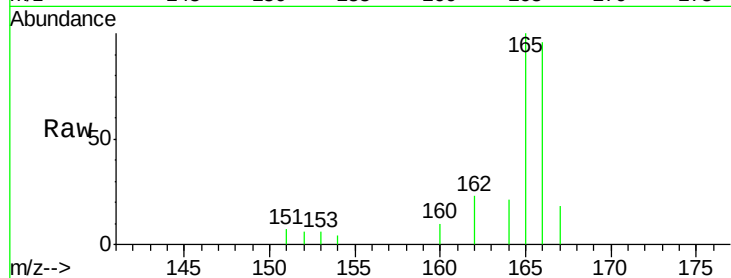




#9
Fluorene
 Concen: 0.70 ng/ul
 RT: 15.34 min Scan# 923
 Delta R.T. -0.03 min
 Lab File: BM008558.D
 Acq: 22 Dec 2016 16:34

Instrument :
 BNA_M
 ClientSampleId :
 DA8S1RE

Tgt Ion:166 Resp: 5153
 Ion Ratio Lower Upper
 166 100
 165 104.5 73.4 110.2
 167 18.6 14.6 22.0



#17
Pyrene
 Concen: 0.06 ng/ul
 RT: 19.45 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BM008558.D
 Acq: 22 Dec 2016 16:34

Tgt Ion:202 Resp: 404
 Ion Ratio Lower Upper
 202 100
 200 36.3 18.2 27.4#
 203 162.5 15.6 23.4#

