

Data File : BN003818.D
Acq On : 11 Dec 2018 17:13
Operator : JU/SJ
Sample : J6170-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M05

Quant Time: Dec 12 02:56:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 02:52:45 2018
Response via : Initial Calibration

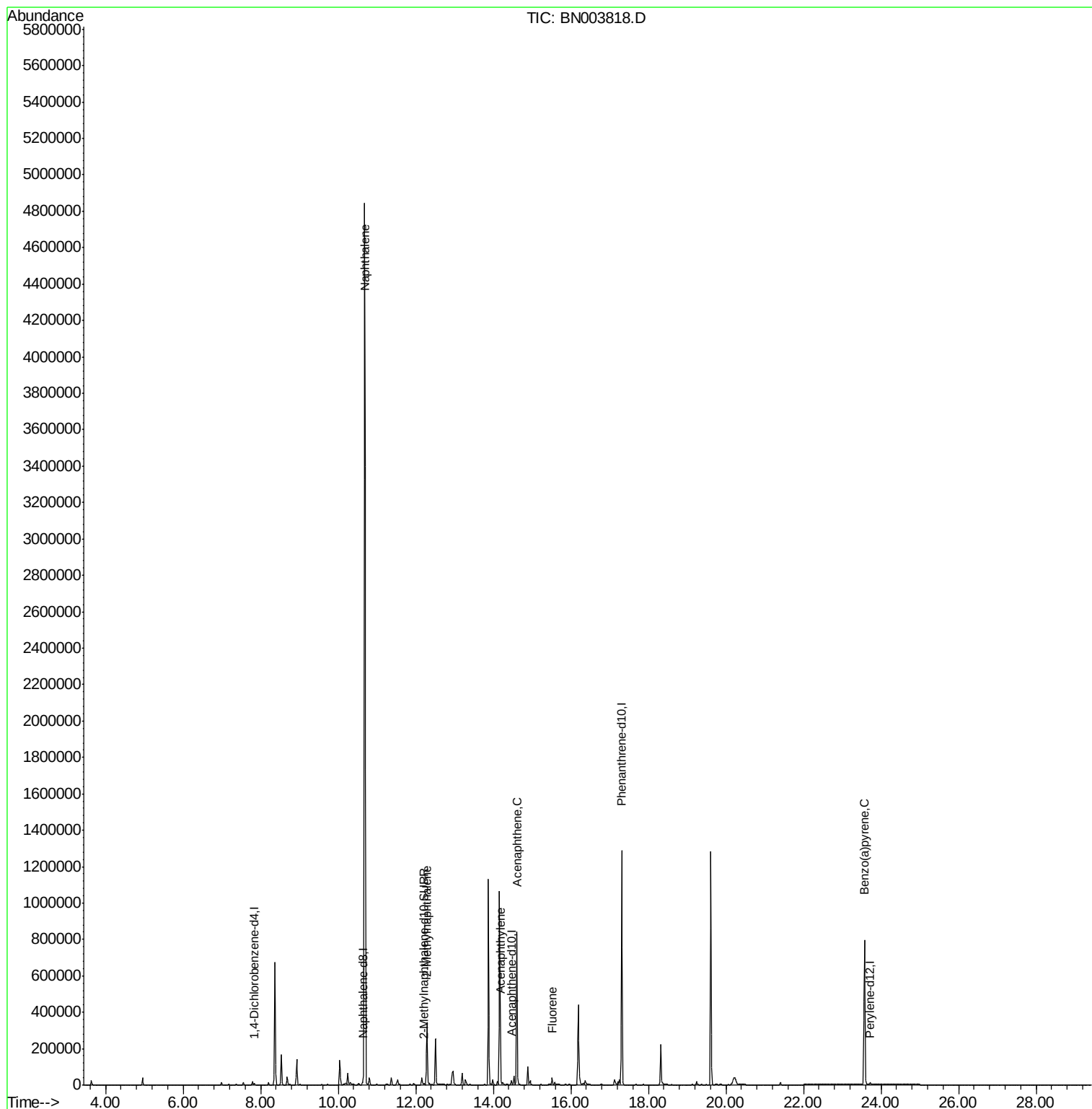
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4959	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	19852	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11284	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1432100	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.40
20) Perylene-d12	23.72	264	15168	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	9254	0.30	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.69	128	7143985	128.114	ng/ul	97
5) 2-Methylnaphthalene	12.29	142	243556	6.255	ng/ul	100
7) Acenaphthylene	14.19	152	24514	0.482	ng/ul	98
8) Acenaphthene	14.61	153	1011882	22.727	ng/ul#	25
9) Fluorene	15.52	166	22771	0.439	ng/ul	99
23) Benzo(a)pyrene	23.57	252	4057	0.075	ng/ul#	26

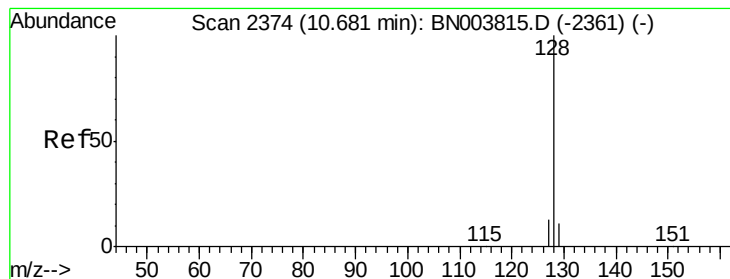
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 128.114 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.01 min

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BNA_N

ClientSampleId :

F9M05

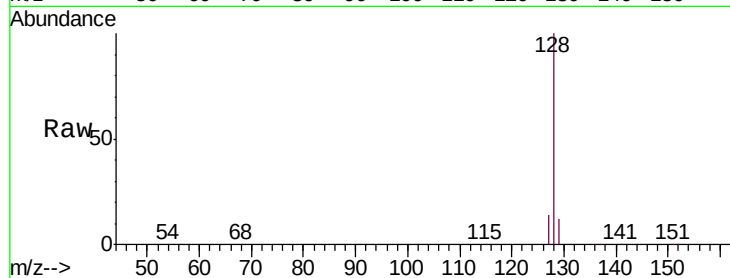
Tgt Ion:128 Resp: 7143985

Ion Ratio Lower Upper

128 100

129 12.3 9.0 13.6

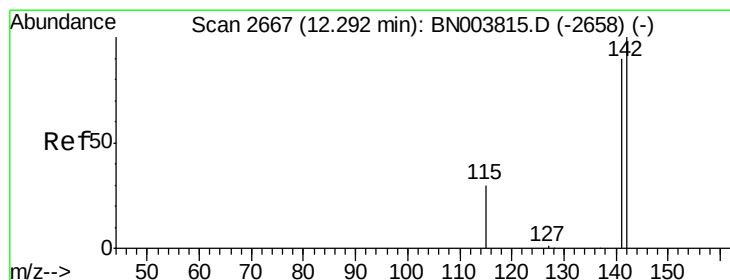
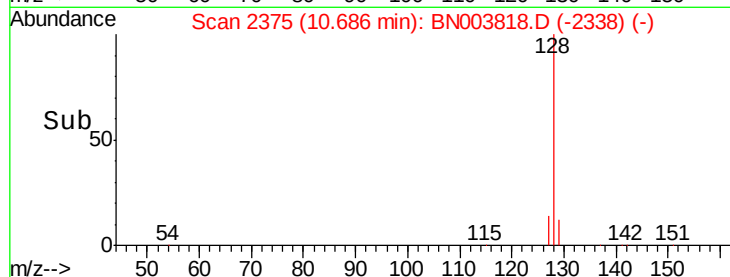
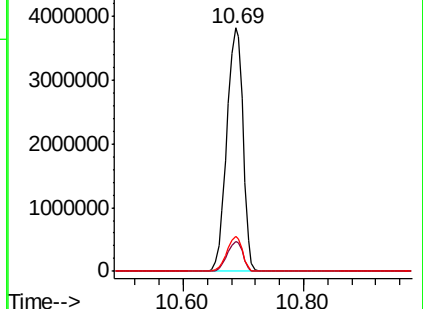
127 14.3 10.5 15.7



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: 6.255 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN003818.D

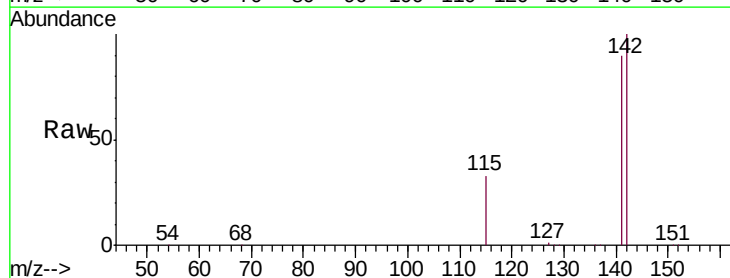
Acq: 11 Dec 2018 17:13

Tgt Ion:142 Resp: 243556

Ion Ratio Lower Upper

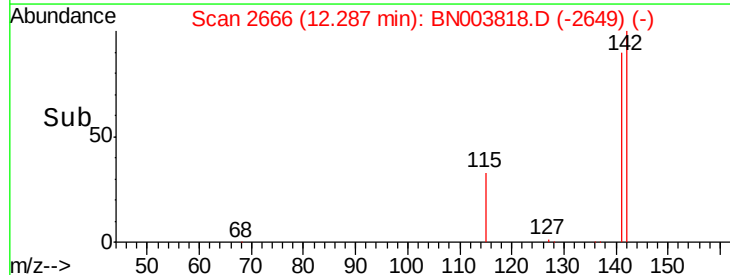
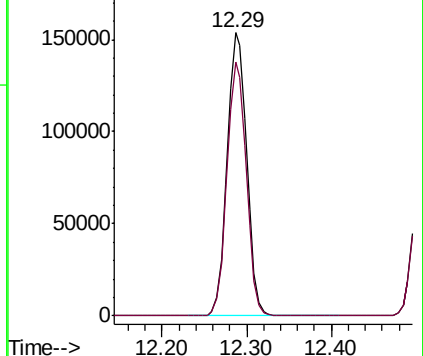
142 100

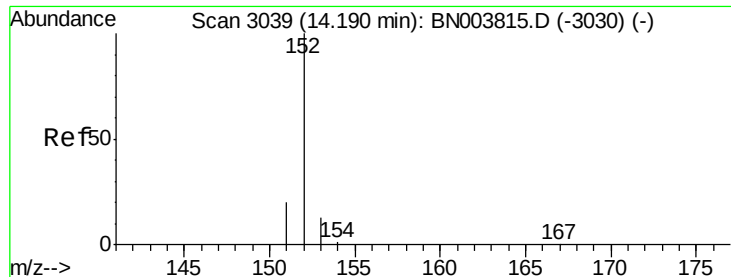
141 89.0 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.482 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN003818.D

Acq: 11 Dec 2018 17:13

Instrument :

BNA_N

ClientSampleId :

F9M05

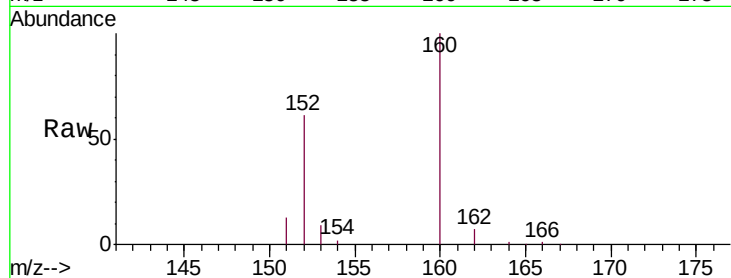
Tgt Ion:152 Resp: 24514

Ion Ratio Lower Upper

152 100

151 20.8 15.9 23.9

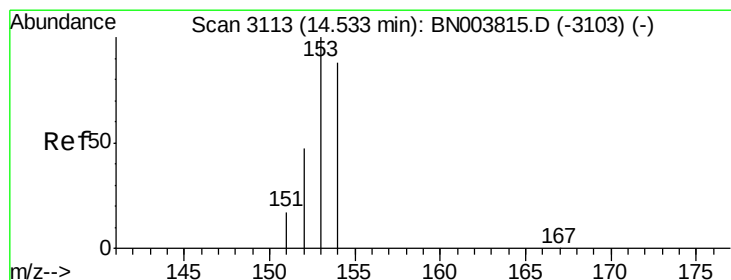
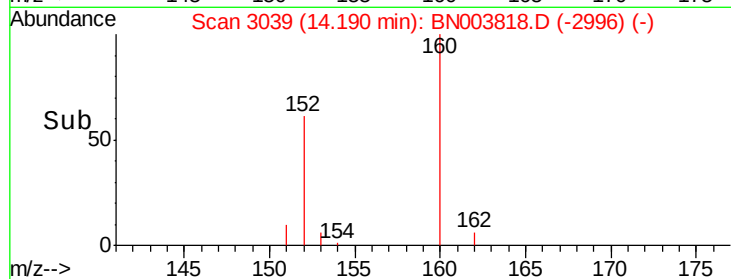
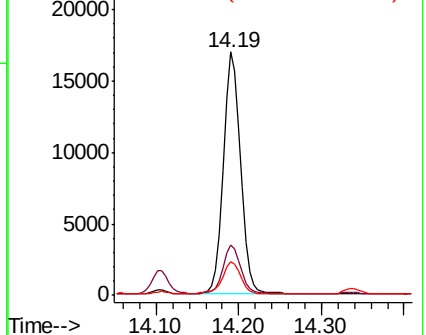
153 14.1 10.7 16.1



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: 22.727 ng/ul

RT: 14.61 min Scan# 3129

Delta R.T. 0.07 min

Lab File: BN003818.D

Acq: 11 Dec 2018 17:13

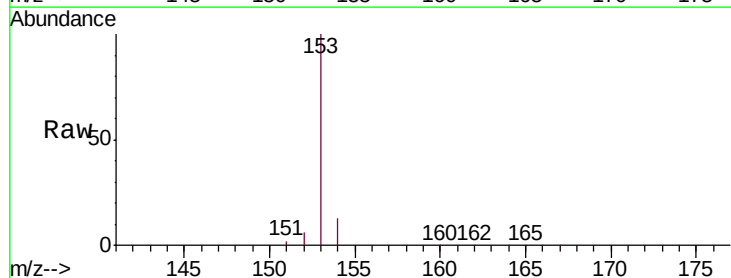
Tgt Ion:153 Resp: 1011882

Ion Ratio Lower Upper

153 100

152 6.0 39.3 58.9#

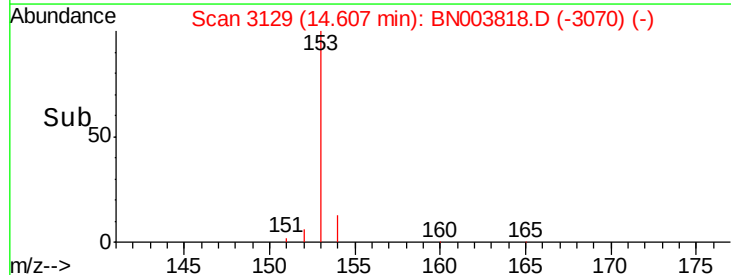
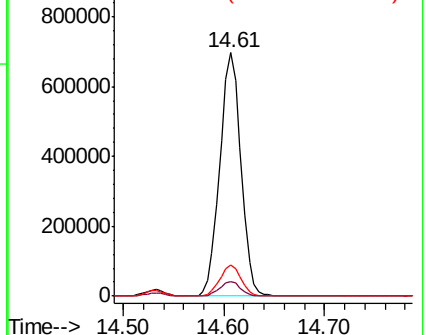
154 12.6 70.3 105.5#

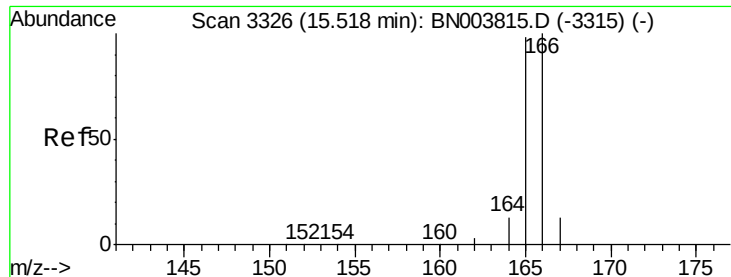


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

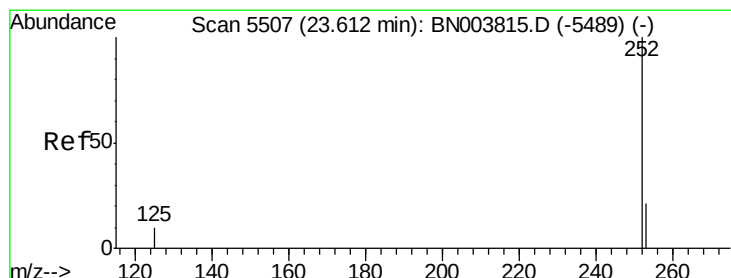
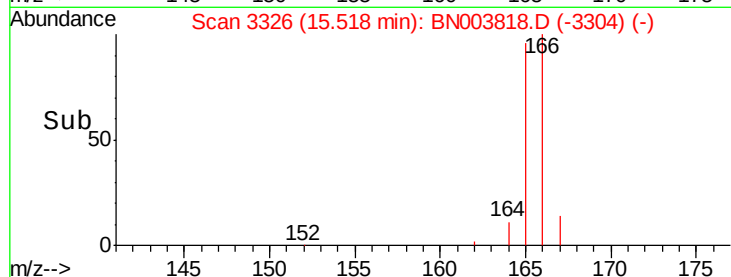
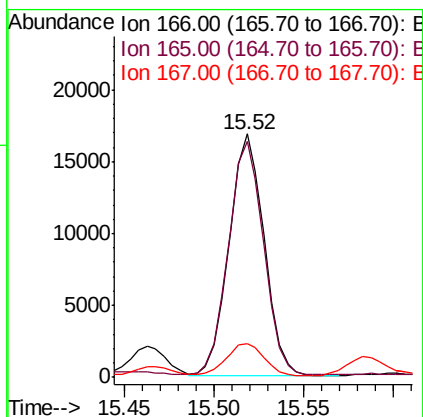
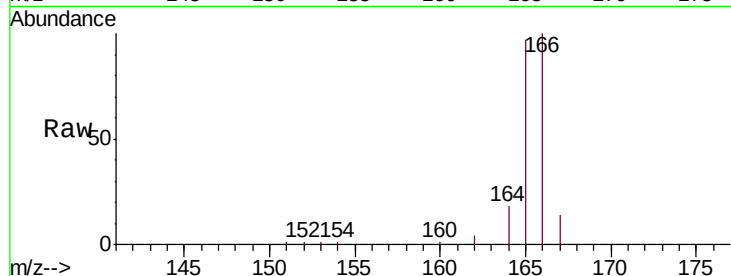




#9
Fluorene
 Concen: 0.439 ng/ul
 RT: 15.52 min Scan# 3326
 Delta R.T. -0.00 min
 Lab File: BN003818.D
 Acq: 11 Dec 2018 17:13

Instrument :
 BNA_N
 ClientSampleId :
 F9M05

Tgt Ion:166 Resp: 22771
 Ion Ratio Lower Upper
 166 100
 165 97.1 78.3 117.5
 167 14.1 11.3 16.9



#23
Benzo(a)pyrene
 Concen: 0.075 ng/ul
 RT: 23.57 min Scan# 5493
 Delta R.T. -0.04 min
 Lab File: BN003818.D
 Acq: 11 Dec 2018 17:13

Tgt Ion:252 Resp: 4057
 Ion Ratio Lower Upper
 252 100
 253 44.5 19.0 28.4#
 125 64.7 10.2 15.4#

