

Data File : BN003817.D
Acq On : 11 Dec 2018 16:37
Operator : JU/SJ
Sample : J6170-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M04

Quant Time: Dec 12 02:56:00 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	4713	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	18826	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	10832	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1588591	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	14299	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	10067	0.35	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

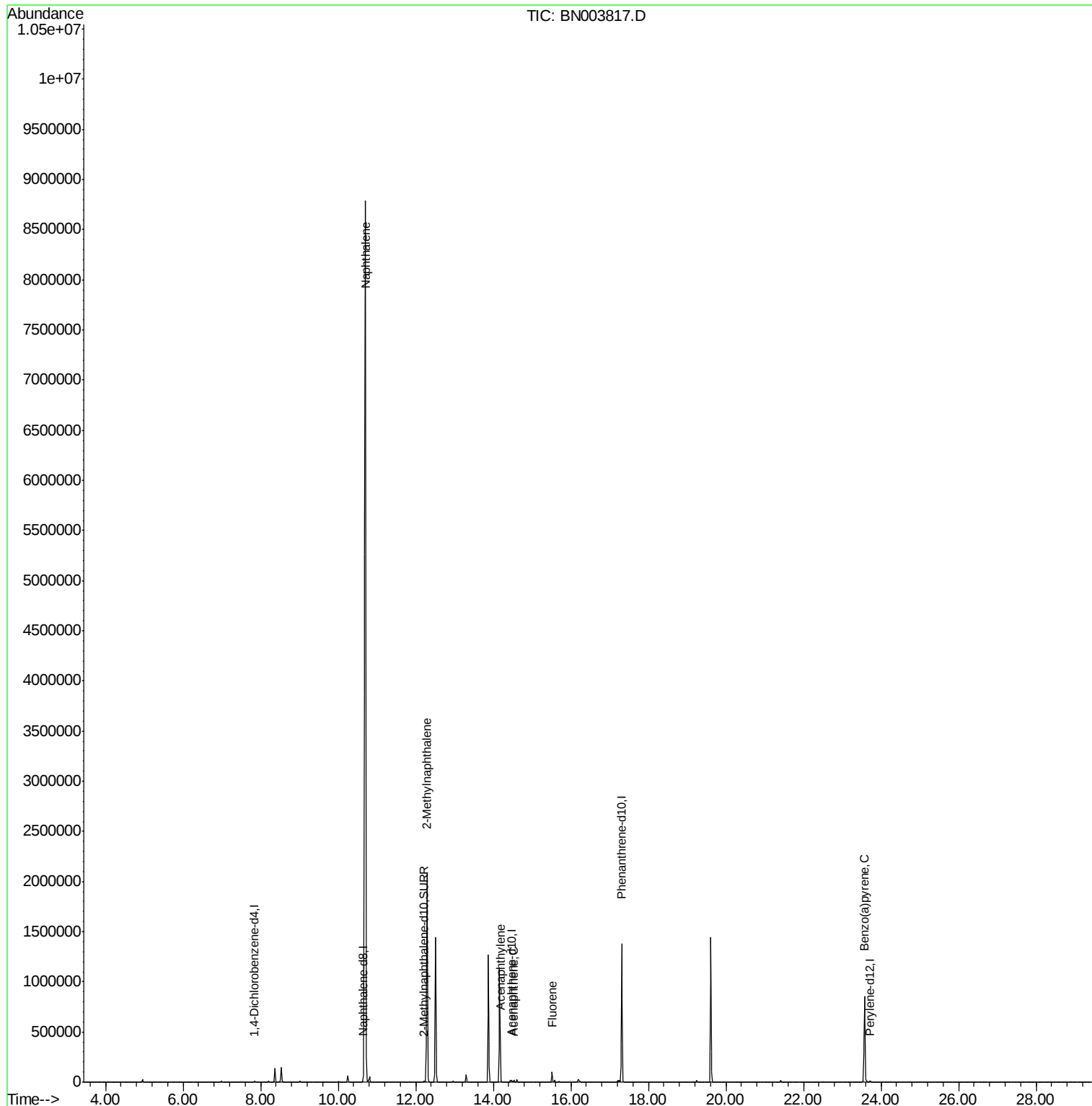
Target Compounds				Qvalue		
3) Naphthalene	10.70	128	15330378	289.905	ng/ul#	93
5) 2-Methylnaphthalene	12.29	142	1492955	40.432	ng/ul	99
7) Acenaphthylene	14.19	152	8474	0.174	ng/ul#	91
8) Acenaphthene	14.53	153	9676	0.226	ng/ul	99
9) Fluorene	15.52	166	58514	1.174	ng/ul	100
23) Benzo(a)pyrene	23.57	252	4412	0.086	ng/ul#	56

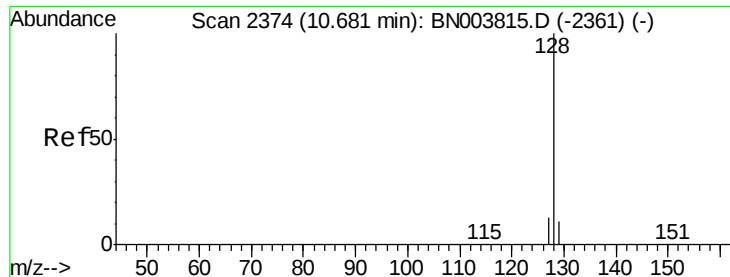
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 289.905 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. 0.02 min

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Instrument :

BNA_N

ClientSampleId :

F9M04

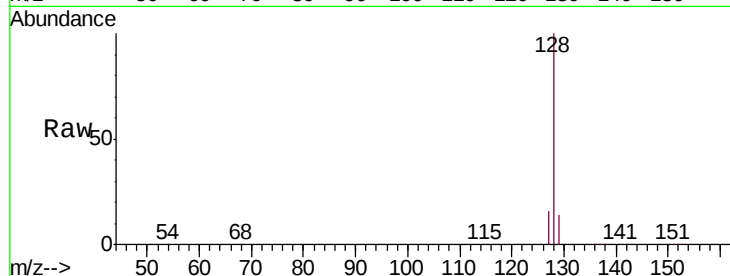
Tgt Ion:128 Resp:15330378

Ion Ratio Lower Upper

128 100

129 13.8 9.0 13.6#

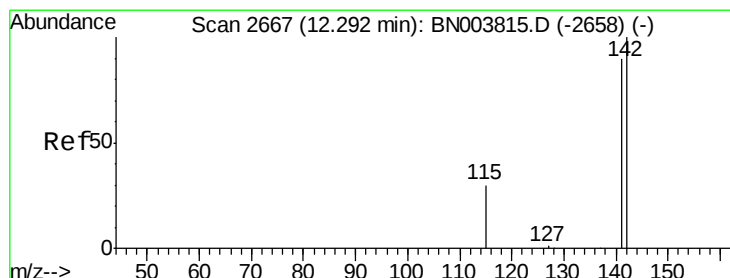
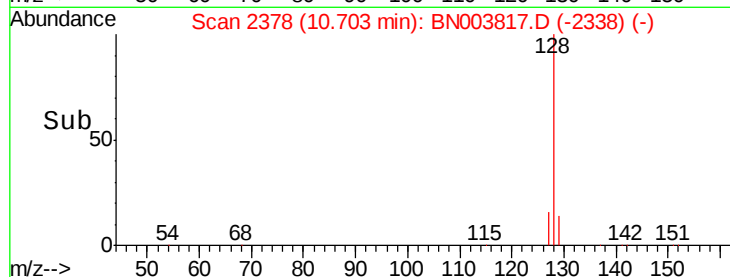
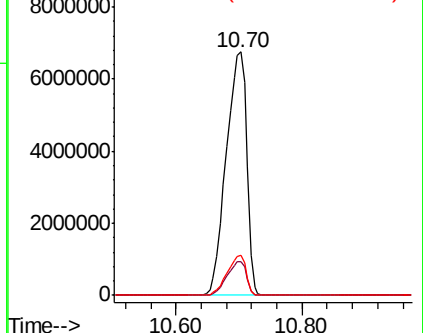
127 16.2 10.5 15.7#



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: 40.432 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003817.D

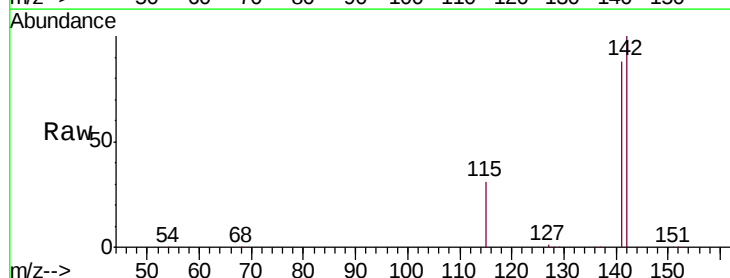
Acq: 11 Dec 2018 16:37

Tgt Ion:142 Resp: 1492955

Ion Ratio Lower Upper

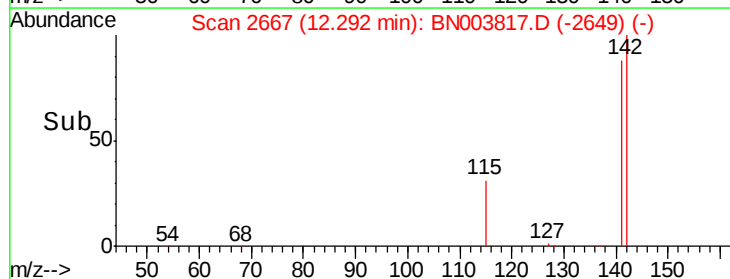
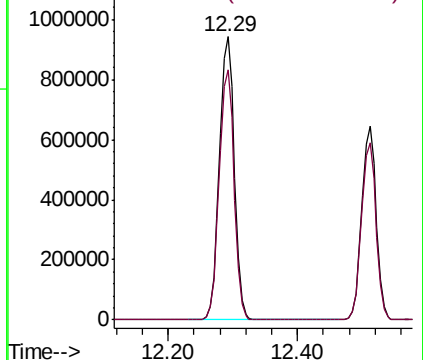
142 100

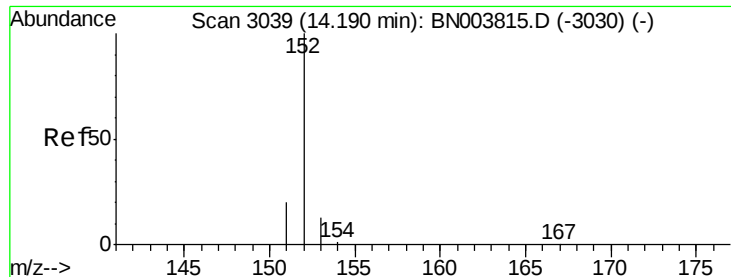
141 88.7 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.174 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN003817.D

Acq: 11 Dec 2018 16:37

Instrument :

BNA_N

ClientSampleId :

F9M04

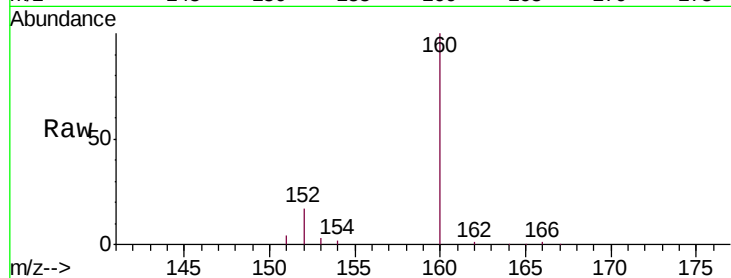
Tgt Ion:152 Resp: 8474

Ion Ratio Lower Upper

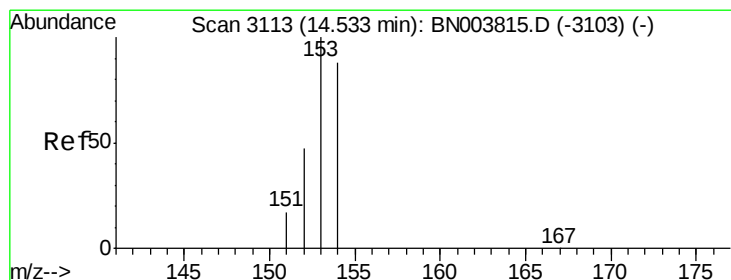
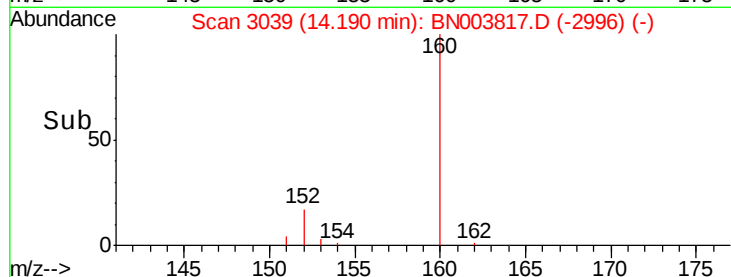
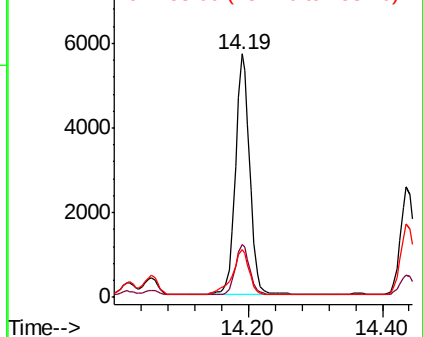
152 100

151 21.8 15.9 23.9

153 19.7 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: 0.226 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN003817.D

Acq: 11 Dec 2018 16:37

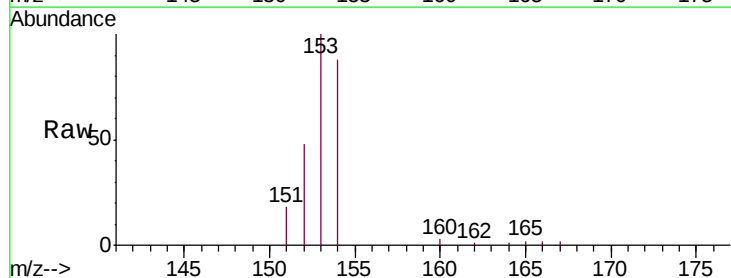
Tgt Ion:153 Resp: 9676

Ion Ratio Lower Upper

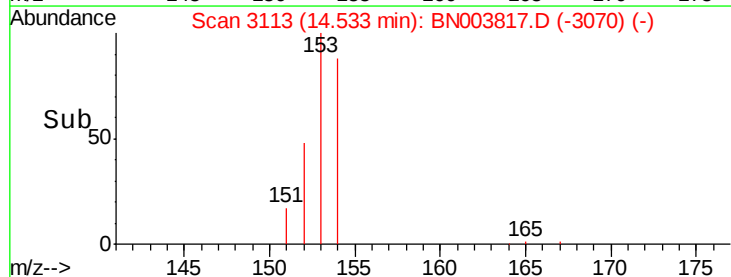
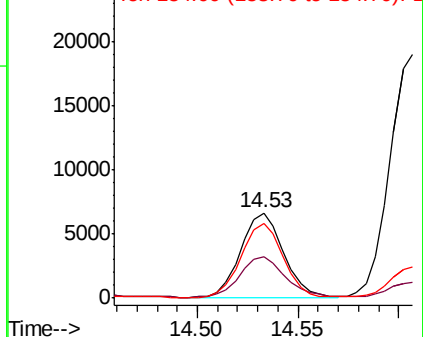
153 100

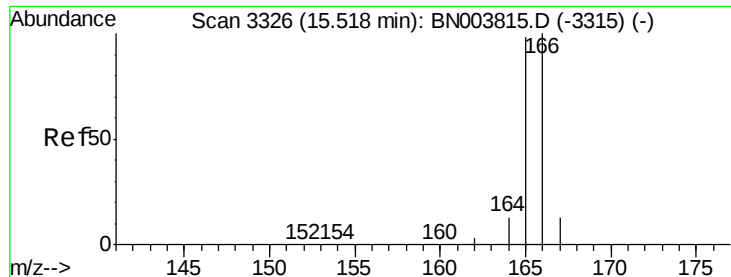
152 48.1 39.3 58.9

154 88.2 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

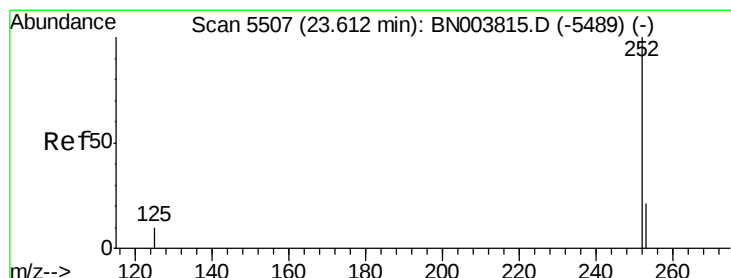
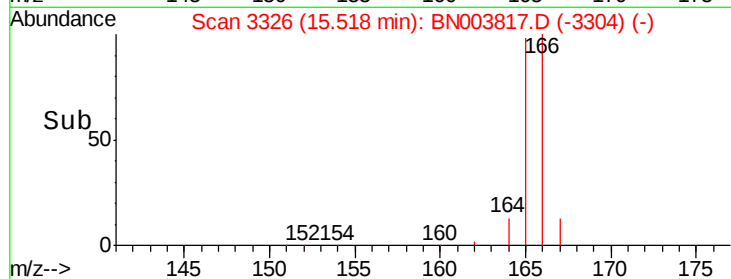
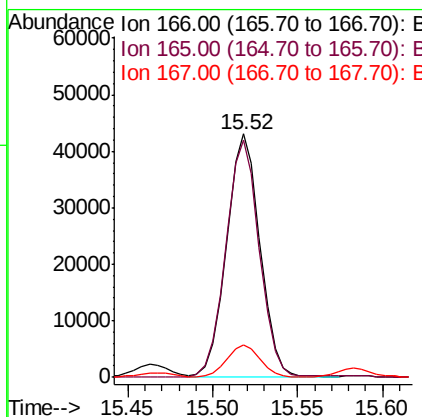
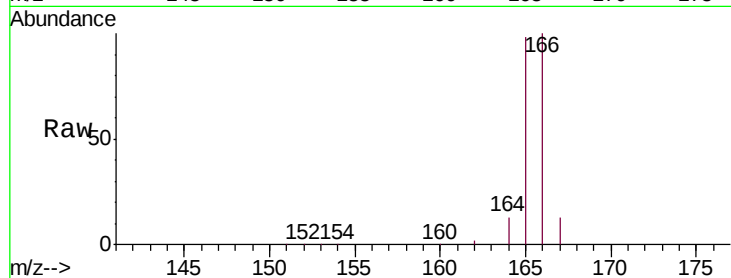




#9
Fluorene
 Concen: 1.174 ng/ul
 RT: 15.52 min Scan# 3326
 Delta R.T. -0.00 min
 Lab File: BN003817.D
 Acq: 11 Dec 2018 16:37

Instrument :
 BNA_N
 ClientSampleId :
 F9M04

Tgt Ion:166 Resp: 58514
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.3 117.5
 167 13.5 11.3 16.9



#23
Benzo(a)pyrene
 Concen: 0.086 ng/ul
 RT: 23.57 min Scan# 5493
 Delta R.T. -0.04 min
 Lab File: BN003817.D
 Acq: 11 Dec 2018 16:37

Tgt Ion:252 Resp: 4412
 Ion Ratio Lower Upper
 252 100
 253 40.2 19.0 28.4#
 125 37.6 10.2 15.4#

