

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008654.D
 Acq On : 25 Dec 2016 04:17
 Operator : UM/SJ
 Sample : H5995-10DL 5X
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA875DL

Quant Time: Dec 26 01:00:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 00:55:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	381	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.42	136	1354	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.28	164	746	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	6816	0.40	ng/ul	0.07
16) Chrysene-d12	21.26	240	1459	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1432	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	107	0.05	ng/ul	-0.07
14) Fluoranthene-d10	19.10	212	142	0.01	ng/ul	0.00

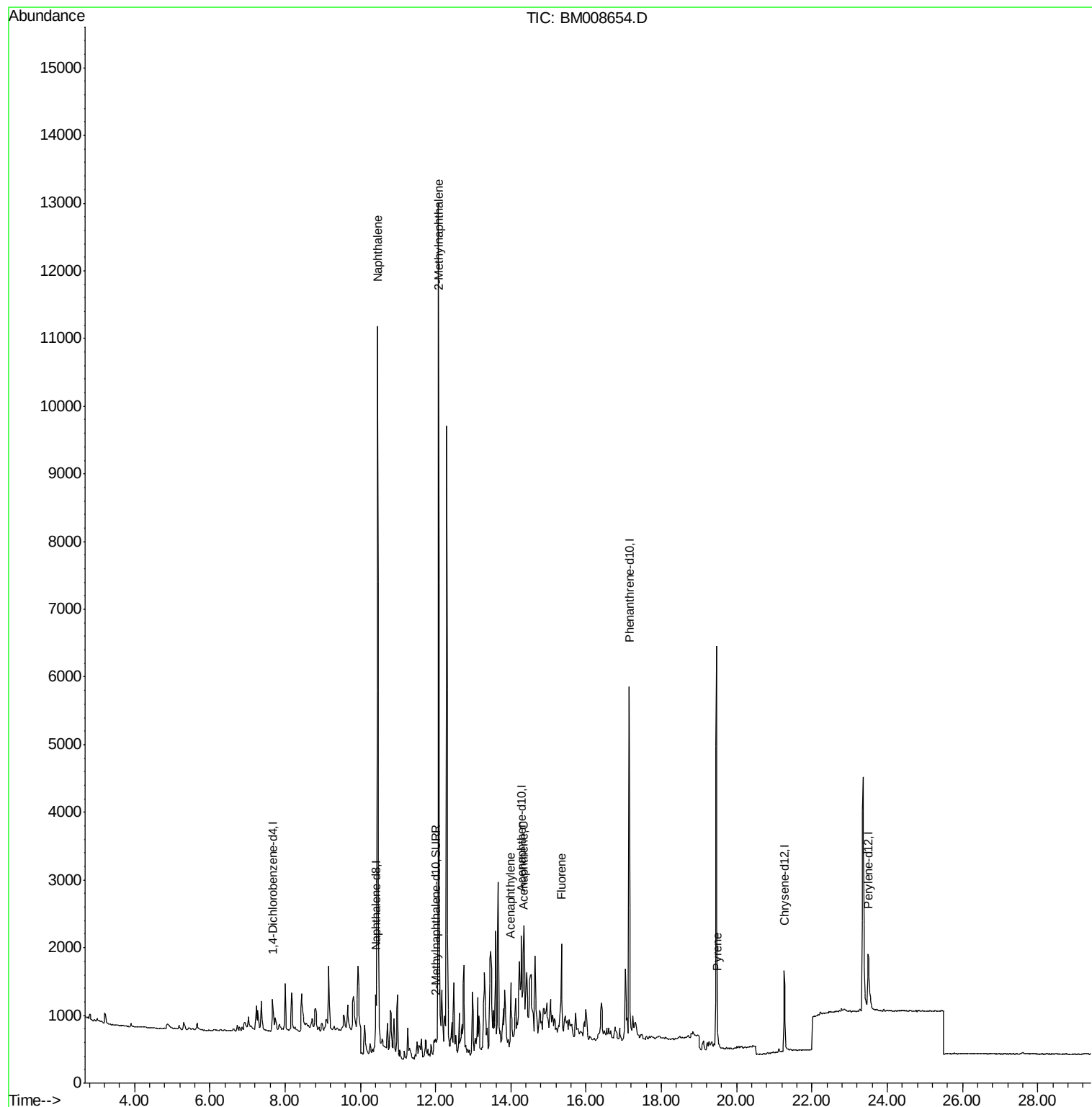
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	16086	4.22	ng/ul	94
5) 2-Methylnaphthalene	12.08	142	9174	3.58	ng/ul	100
7) Acenaphthylene	14.00	152	71	0.02	ng/ul#	1
8) Acenaphthene	14.33	153	354	0.14	ng/ul#	83
9) Fluorene	15.34	166	926	0.32	ng/ul#	83
17) Pyrene	19.48	202	218	0.04	ng/ul#	1

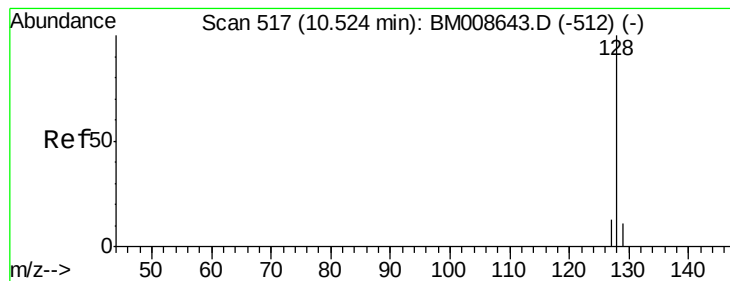
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 4.22 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.06 min

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BNA_M

ClientSampleId :

DA875DL

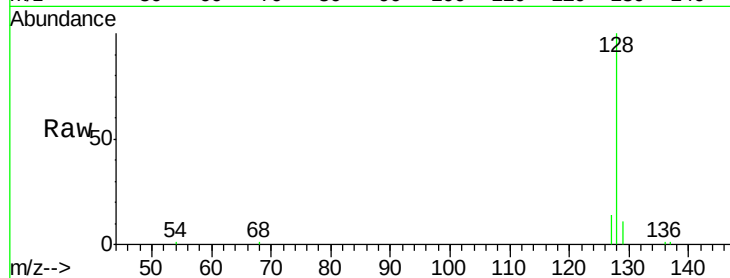
Tgt Ion:128 Resp: 16086

Ion Ratio Lower Upper

128 100

129 11.4 11.3 16.9

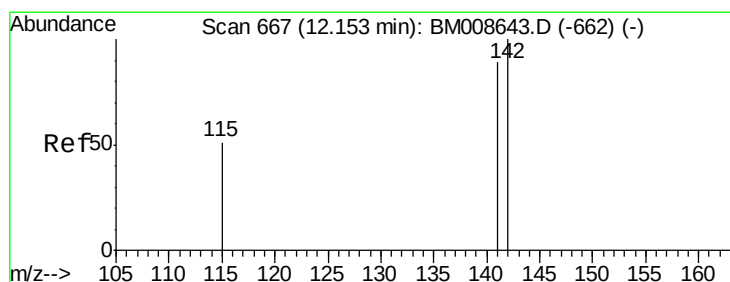
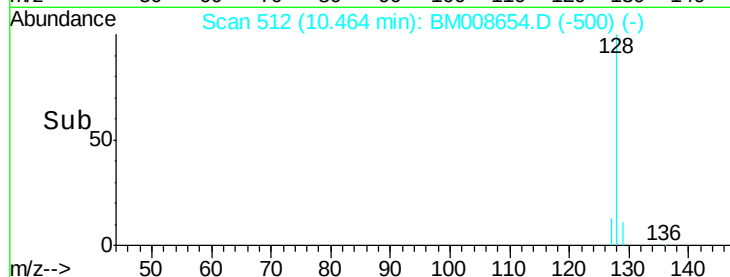
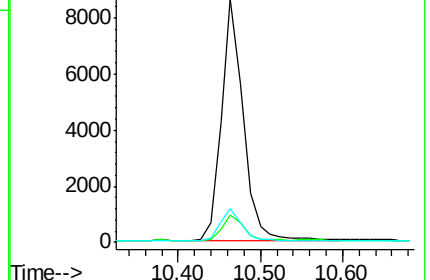
127 13.9 12.8 19.2



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: 3.58 ng/ul

RT: 12.08 min Scan# 660

Delta R.T. -0.07 min

Lab File: BM008654.D

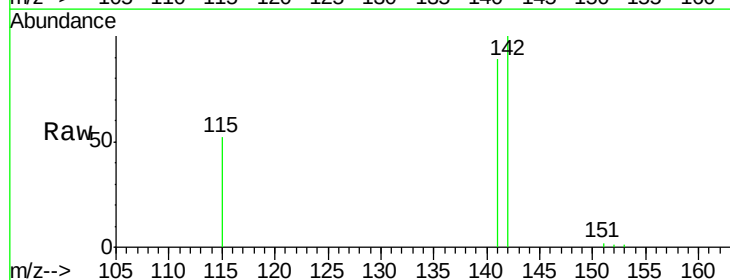
Acq: 25 Dec 2016 04:17

Tgt Ion:142 Resp: 9174

Ion Ratio Lower Upper

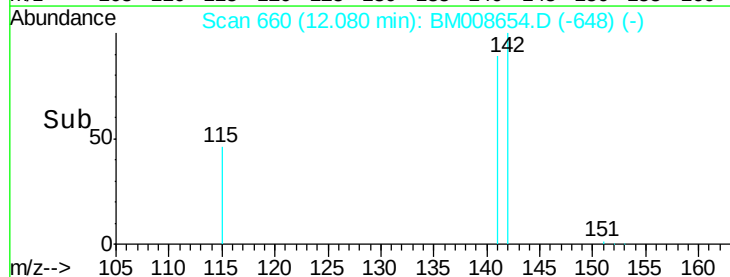
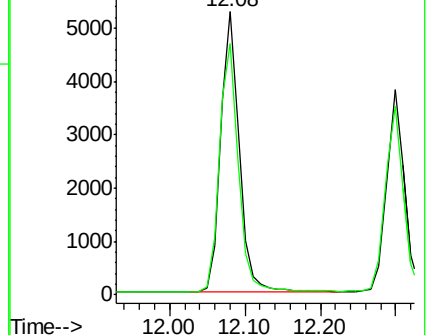
142 100

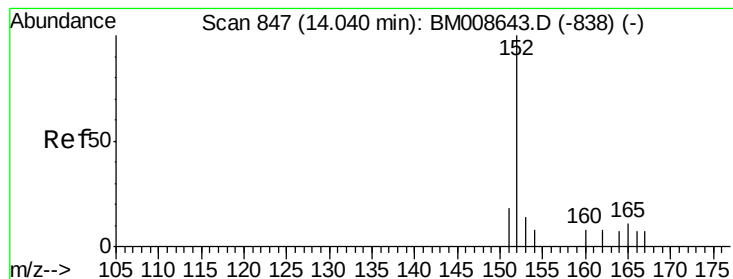
141 90.2 72.6 108.8



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: 14.00 min Scan# 844

Delta R.T. -0.04 min

Lab File: BM008654.D

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Instrument :

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ClientSampleId :

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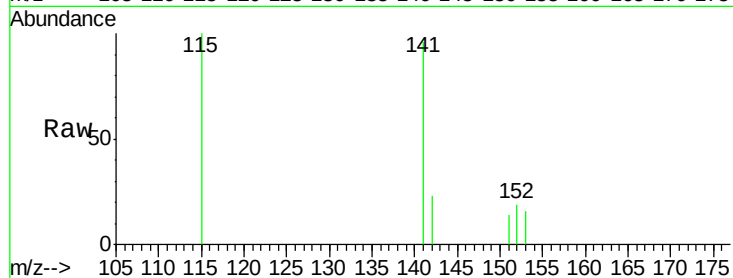
Tgt Ion:152 Resp: 71

Ion Ratio Lower Upper

152 100

151 72.8 17.1 25.7#

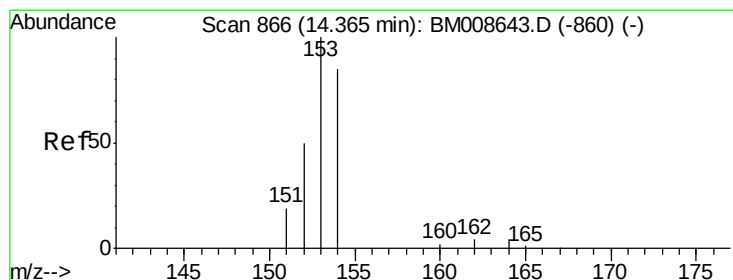
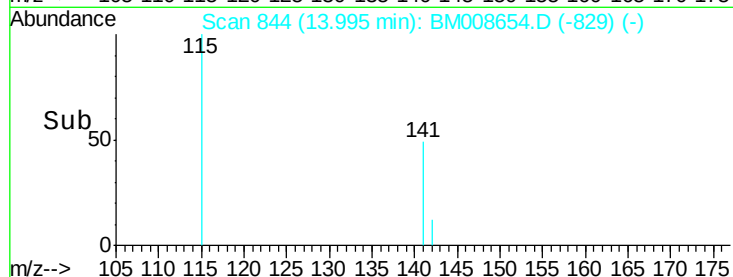
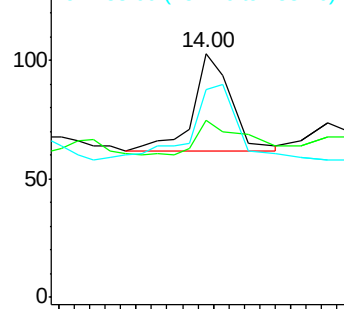
153 85.4 12.8 19.2#



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: 0.14 ng/ul

RT: 14.33 min Scan# 864

Delta R.T. -0.03 min

Lab File: BM008654.D

Acq: 25 Dec 2016 04:17

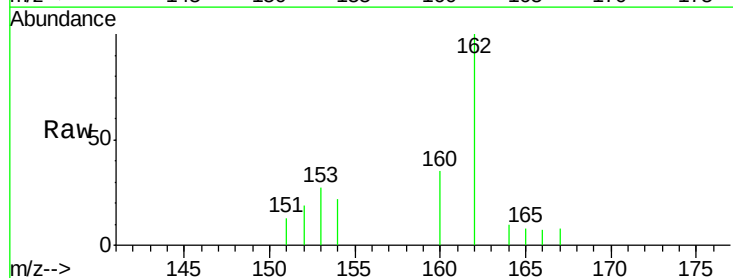
Tgt Ion:153 Resp: 354

Ion Ratio Lower Upper

153 100

152 69.7 40.3 60.5#

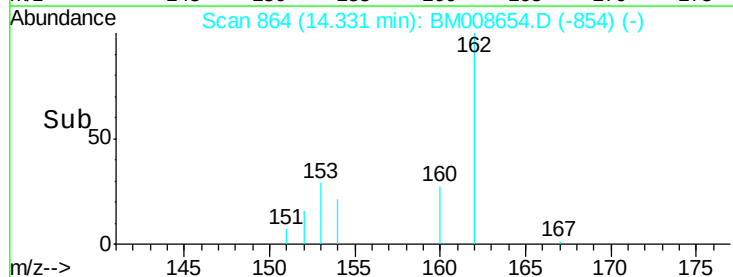
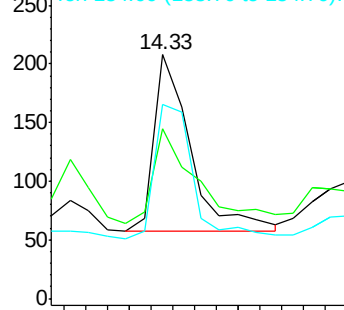
154 79.3 71.4 107.2

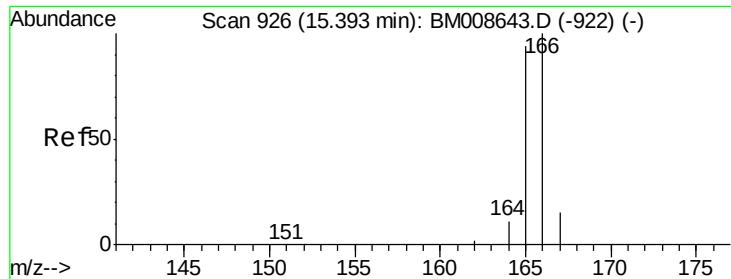


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

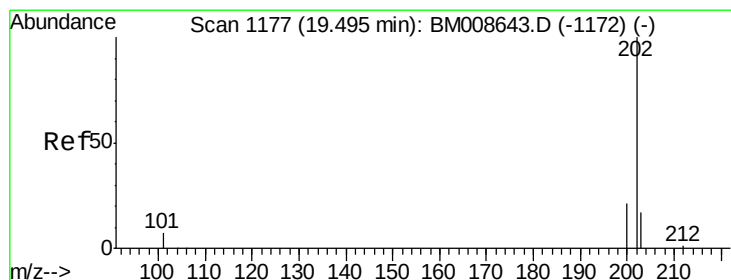
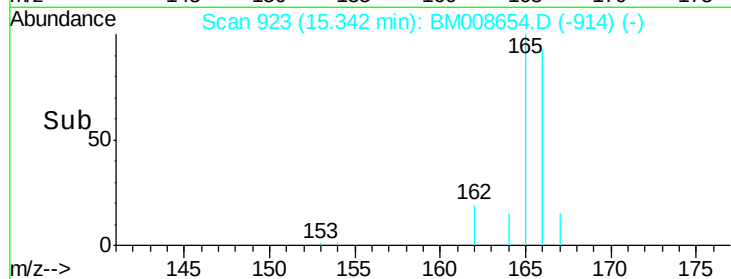
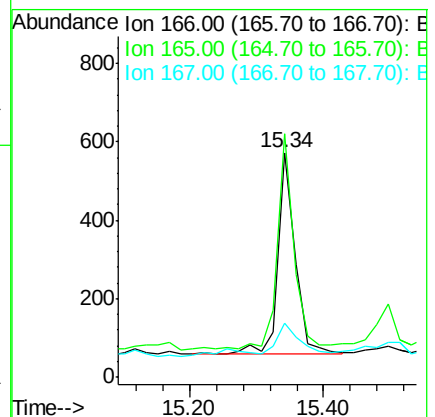
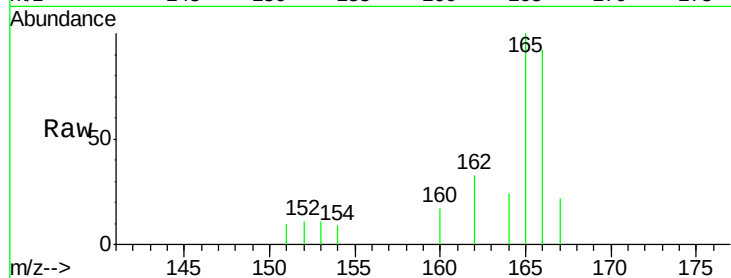




#9
Fluorene
 Concen: 0.32 ng/ul
 RT: 15.34 min Scan# 923
 Delta R.T. -0.05 min
 Lab File: BM008654.D
 Acq: 25 Dec 2016 04:17

Instrument :
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Tgt Ion:166 Resp: 926
 Ion Ratio Lower Upper
 166 100
 165 108.4 73.4 110.2
 167 23.9 14.6 22.0#



#17
Pyrene
 Concen: 0.04 ng/ul
 RT: 19.48 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BM008654.D
 Acq: 25 Dec 2016 04:17

Tgt Ion:202 Resp: 218
 Ion Ratio Lower Upper
 202 100
 200 78.2 18.2 27.4#
 203 56.4 15.6 23.4#

