

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122016\
 Data File : BM008489.D
 Acq On : 20 Dec 2016 21:06
 Operator : UM/SJ
 Sample : H6039-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S8

Quant Time: Dec 21 10:25:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 02:43:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	406	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.43	136	1326	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.28	164	1819	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	132110	0.40	ng/ul	0.07
16) Chrysene-d12	21.26	240	1365	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	86075	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.02	152	975	0.48	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	1321	0.00	ng/ul	-0.02

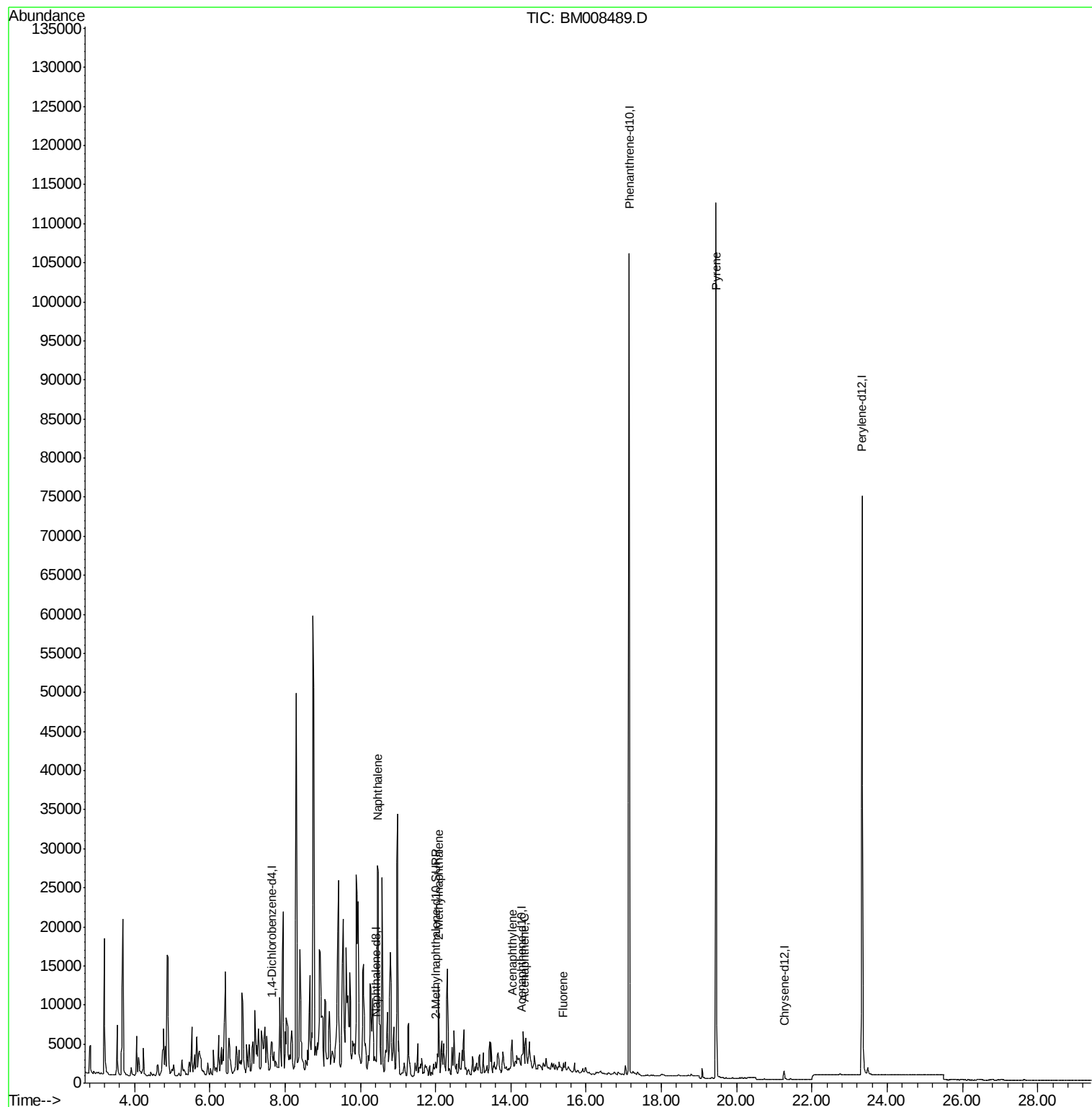
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	37088	9.94	ng/ul#	94
5) 2-Methylnaphthalene	12.09	142	8331	3.32	ng/ul	99
7) Acenaphthylene	14.04	152	2544	0.31	ng/ul	95
8) Acenaphthene	14.35	153	378	0.06	ng/ul#	68
9) Fluorene	15.39	166	1110	0.16	ng/ul#	46
17) Pyrene	19.45	202	277	0.05	ng/ul#	1

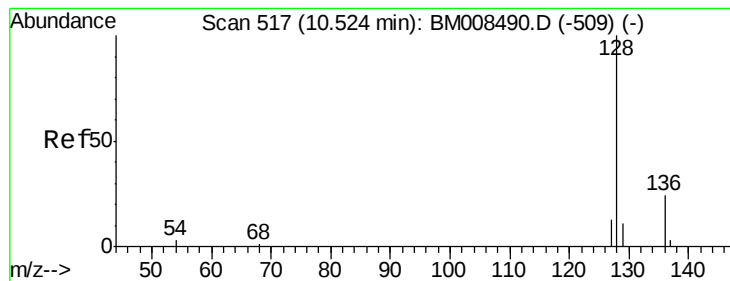
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 9.94 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.06 min

Lab File: BM008489.D

Acq: 20 Dec 2016 21:06

Instrument :

BNA_M

ClientSampleId :

DA8S8

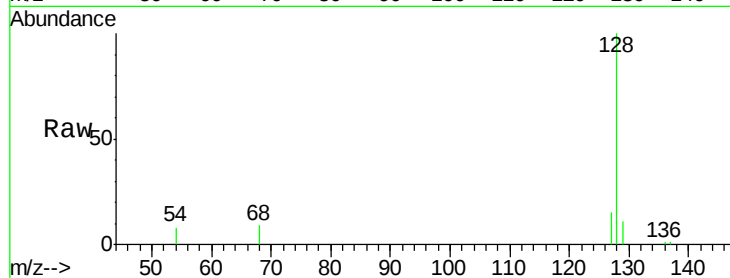
Tgt Ion:128 Resp: 37088

Ion Ratio Lower Upper

128 100

129 10.5 11.3 16.9#

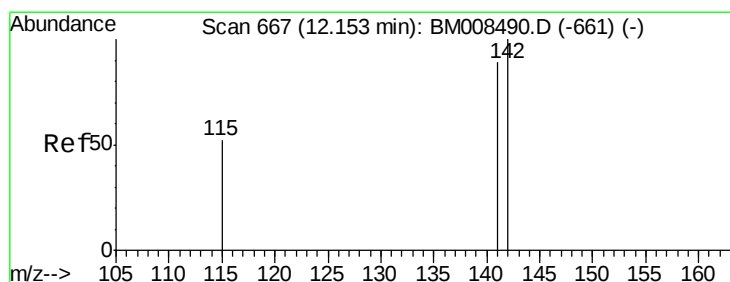
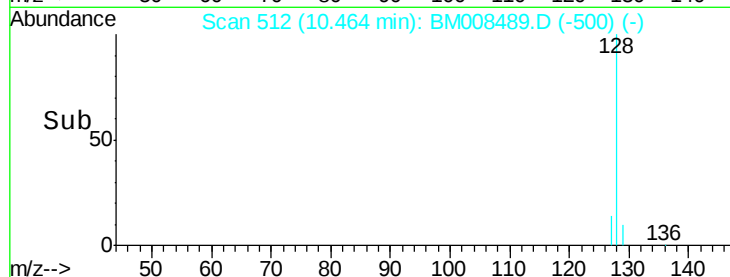
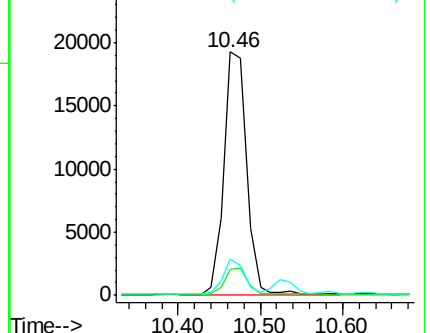
127 14.8 12.8 19.2



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: 3.32 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. -0.06 min

Lab File: BM008489.D

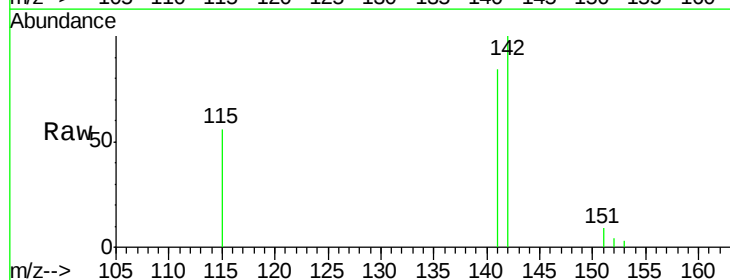
Acq: 20 Dec 2016 21:06

Tgt Ion:142 Resp: 8331

Ion Ratio Lower Upper

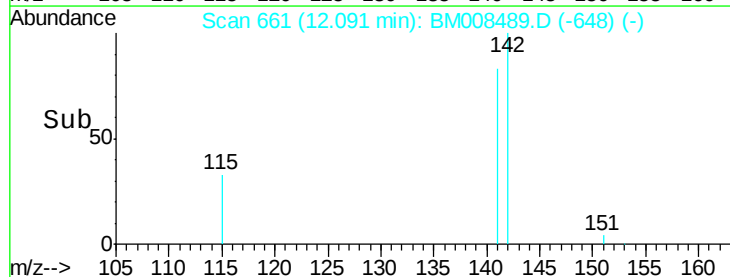
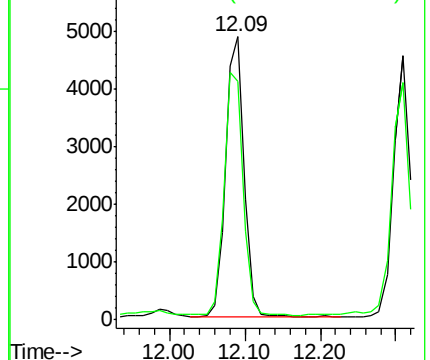
142 100

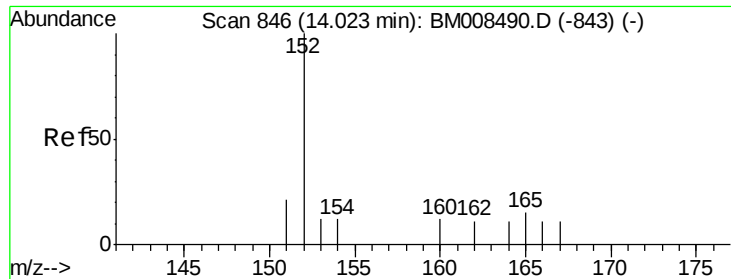
141 89.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.31 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. 0.02 min

Lab File: BM008489.D

Acq: 20 Dec 2016 21:06

Instrument :

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ClientSampleId :

DA8S8

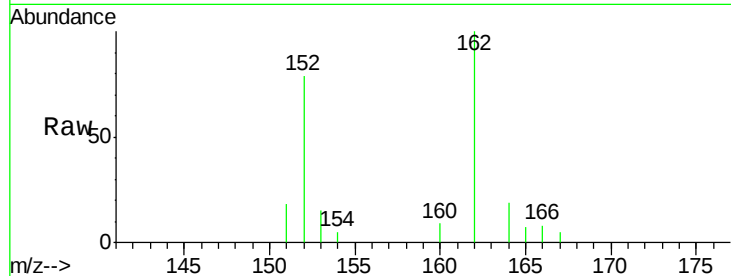
Tgt Ion:152 Resp: 2544

Ion Ratio Lower Upper

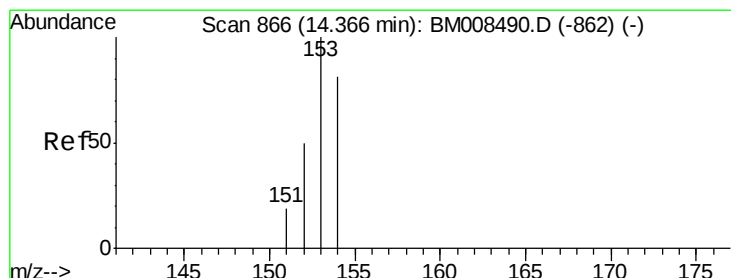
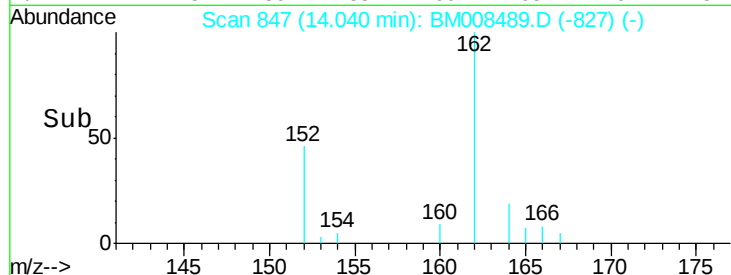
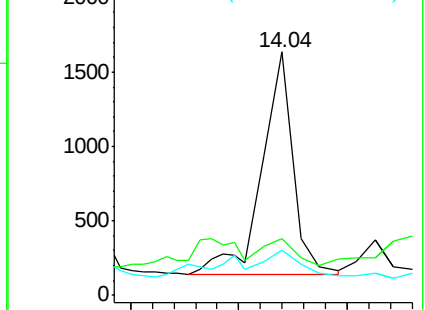
152 100

151 23.2 17.1 25.7

153 18.8 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: 0.06 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008489.D

Acq: 20 Dec 2016 21:06

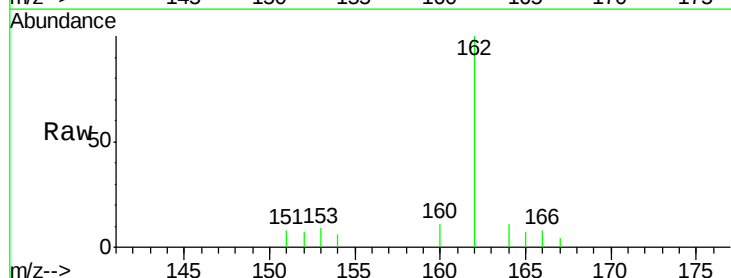
Tgt Ion:153 Resp: 378

Ion Ratio Lower Upper

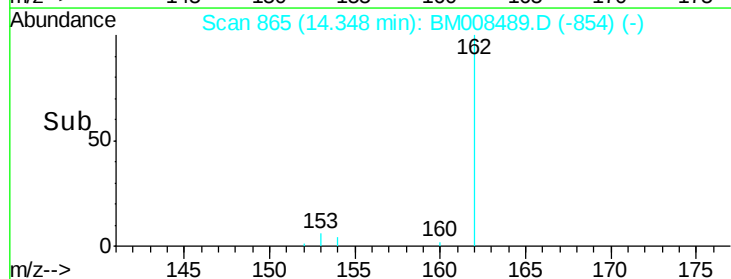
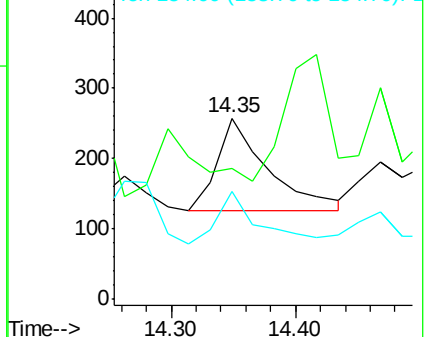
153 100

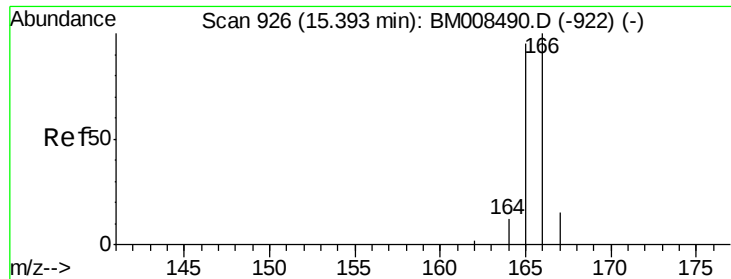
152 72.0 40.3 60.5#

154 59.1 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: 0.16 ng/ul

RT: 15.39 min Scan# 926

Delta R.T. 0.00 min

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Acq: 20 Dec 2016 21:06

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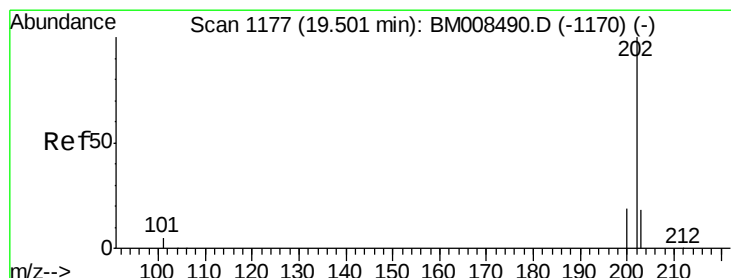
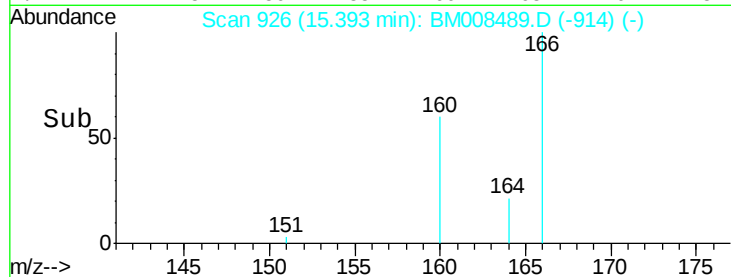
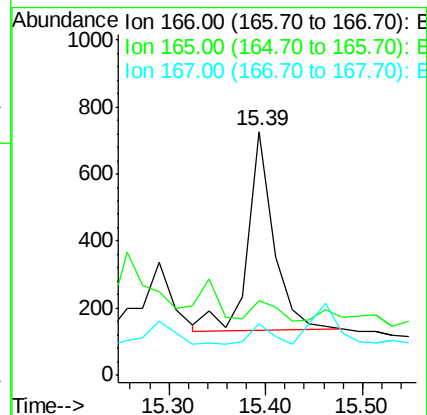
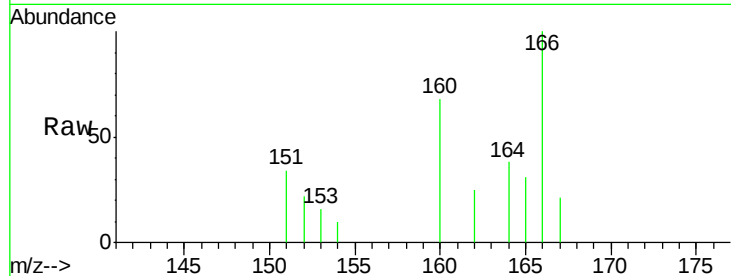
Tgt Ion:166 Resp: 1110

Ion Ratio Lower Upper

166 100

165 30.9 73.4 110.2#

167 21.2 14.6 22.0



#17

Pyrene

Concen: 0.05 ng/ul

RT: 19.45 min Scan# 1173

Delta R.T. -0.05 min

Lab File: BM008489.D

Acq: 20 Dec 2016 21:06

Tgt Ion:202 Resp: 277

Ion Ratio Lower Upper

202 100

200 32.9 18.2 27.4#

203 157.0 15.6 23.4#

