

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122016\
 Data File : BM008492.D
 Acq On : 20 Dec 2016 22:54
 Operator : UM/SJ
 Sample : H6039-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S1

Quant Time: Dec 21 10:25:32 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

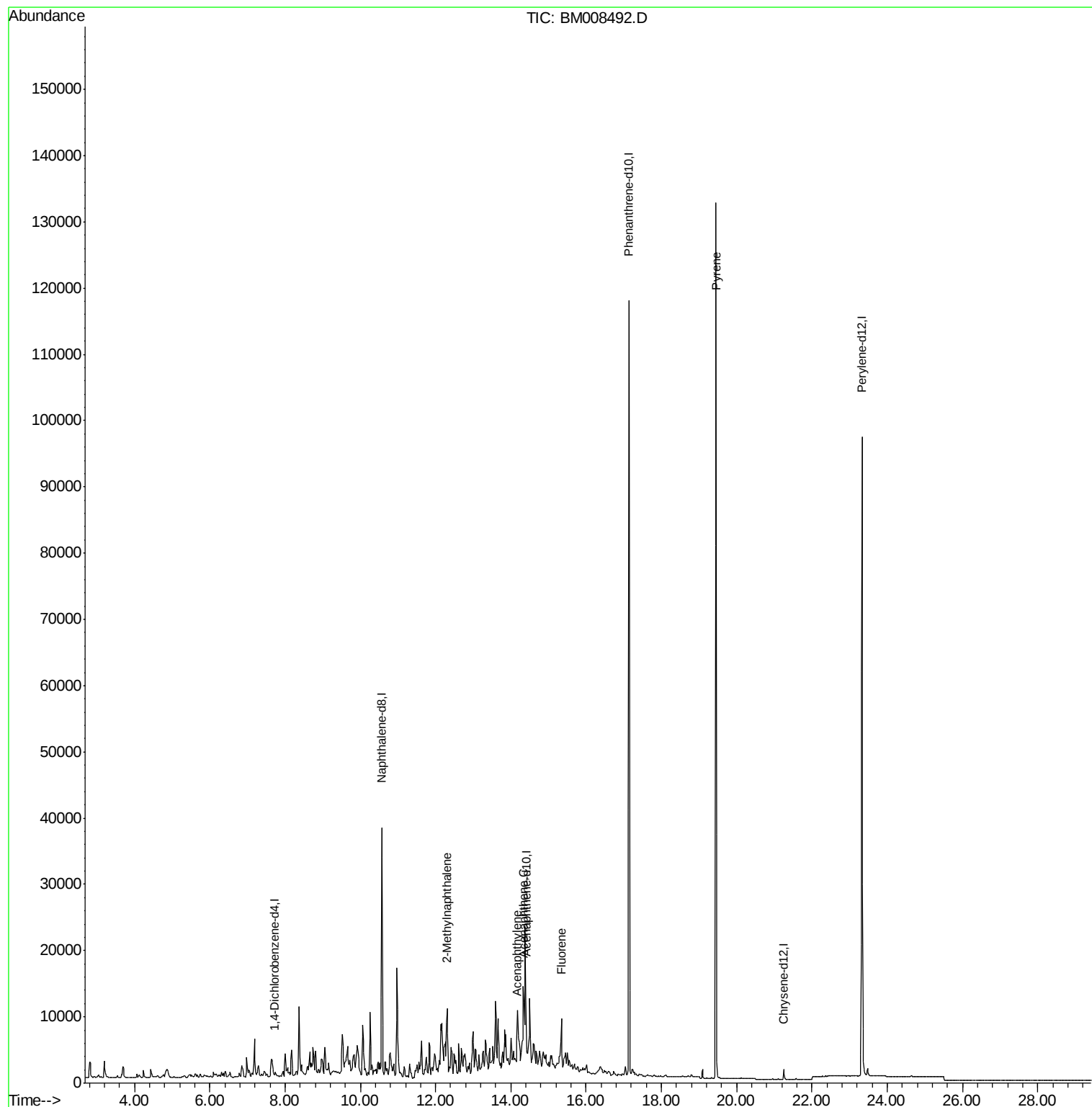
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	20	0.40	ng/ul	0.03
2) Naphthalene-d8	10.57	136	58091	0.40	ng/ul	0.10
6) Acenaphthene-d10	14.40	164	682	0.40	ng/ul	0.09
10) Phenanthrene-d10	17.14	188	149079	0.40	ng/ul	0.07
16) Chrysene-d12	21.26	240	1656	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	118367	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	1170	0.01	ng/ul	0.15
14) Fluoranthene-d10	19.21	212	131	0.00	ng/ul	0.11
Target Compounds						
5) 2-Methylnaphthalene	12.31	142	5492	0.05	ng/ul	Qvalue 94
7) Acenaphthylene	14.16	152	158	0.05	ng/ul#	1
8) Acenaphthene	14.35	153	3466	1.49	ng/ul	99
9) Fluorene	15.34	166	4264	1.61	ng/ul	85
17) Pyrene	19.45	202	437	0.07	ng/ul#	1

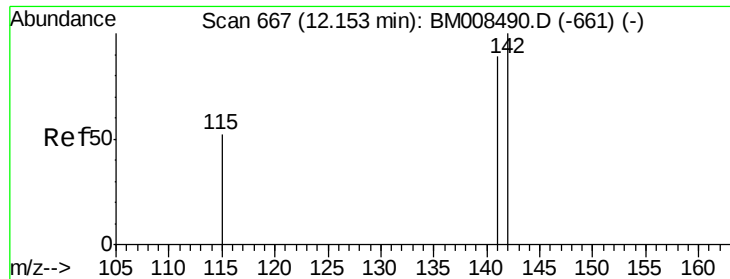
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.05 ng/ul

RT: 12.31 min Scan# 682

Delta R.T. 0.16 min

Lab File: BM008492.D

Acq: 20 Dec 2016 22:54

Instrument :

BNA_M

ClientSampleId :

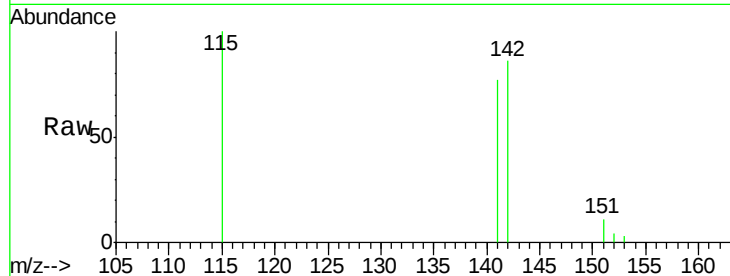
DA8S1

Tgt Ion:142 Resp: 5492

Ion Ratio Lower Upper

142 100

141 96.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.31

4000

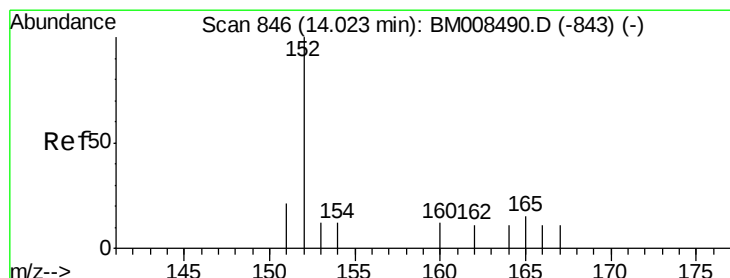
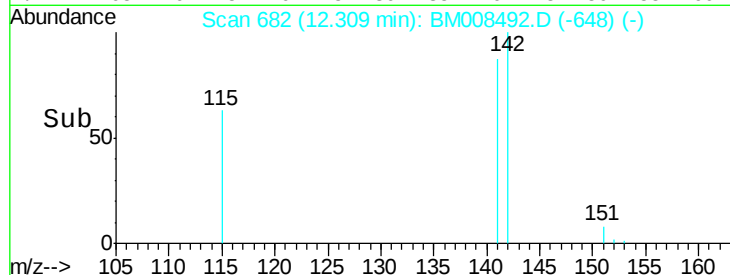
3000

2000

1000

0

Time--> 12.20 12.30



#7

Acenaphthylene

Concen: 0.05 ng/ul

RT: 14.16 min Scan# 854

Delta R.T. 0.14 min

Lab File: BM008492.D

Acq: 20 Dec 2016 22:54

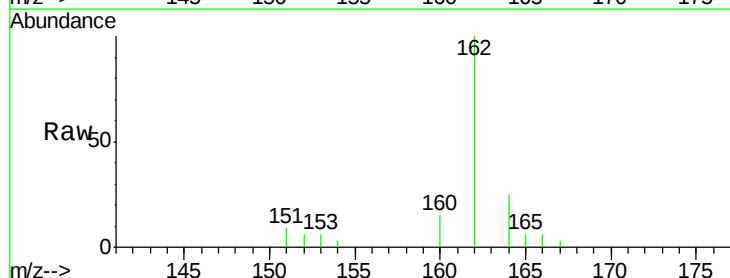
Tgt Ion:152 Resp: 158

Ion Ratio Lower Upper

152 100

151 148.1 17.1 25.7#

153 94.4 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

600

500

400

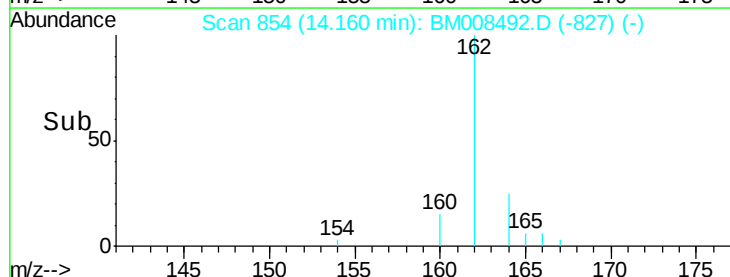
300

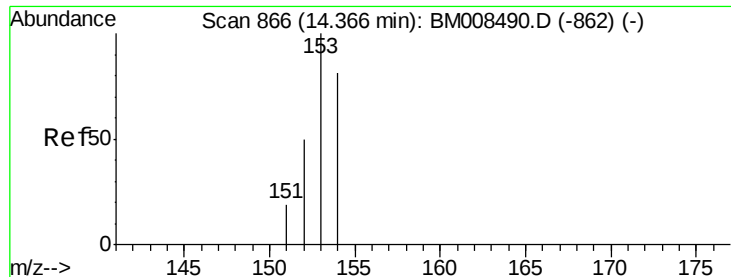
200

100

0

Time--> 14.05 14.10 14.15 14.20





#8

Acenaphthene

Concen: 1.49 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.02 min

Lab File: BM008492.D

Acq: 20 Dec 2016 22:54

Instrument :

BNA_M

ClientSampleId :

DA8S1

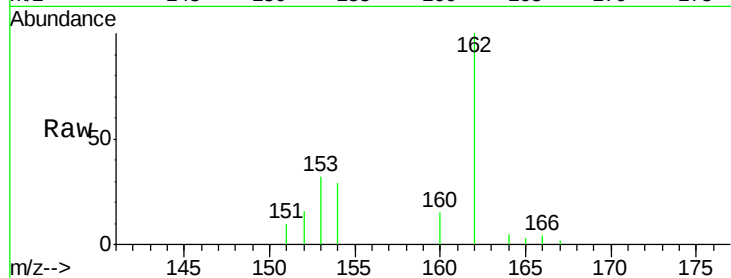
Tgt Ion:153 Resp: 3466

Ion Ratio Lower Upper

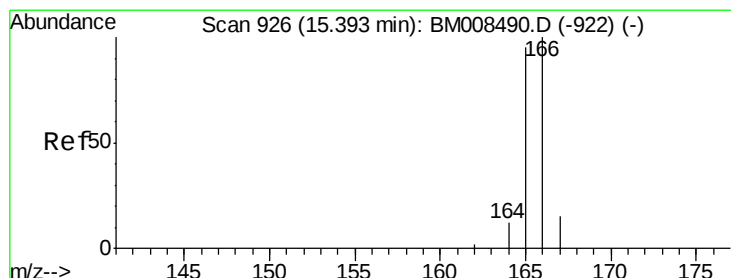
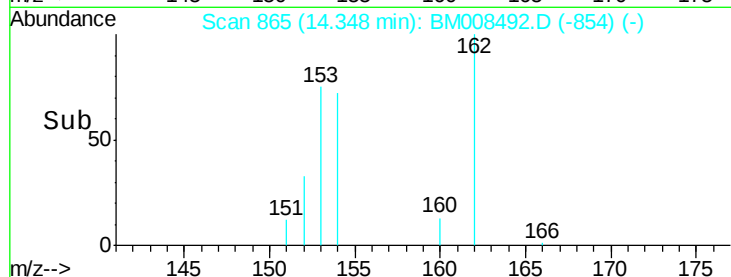
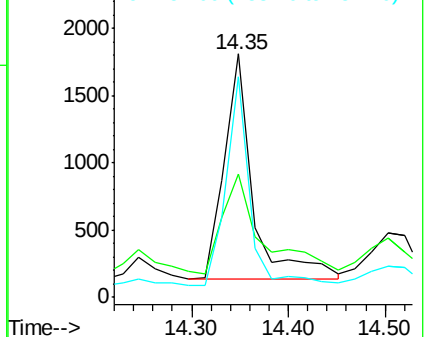
153 100

152 50.7 40.3 60.5

154 90.4 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: 1.61 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.05 min

Lab File: BM008492.D

Acq: 20 Dec 2016 22:54

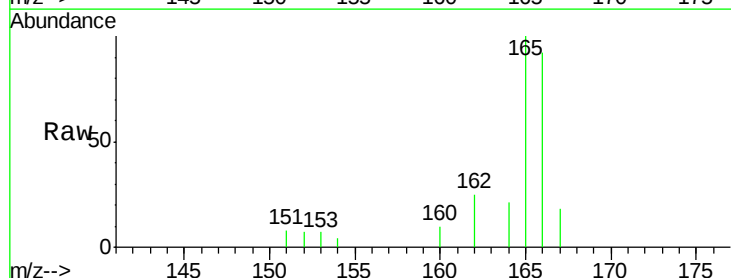
Tgt Ion:166 Resp: 4264

Ion Ratio Lower Upper

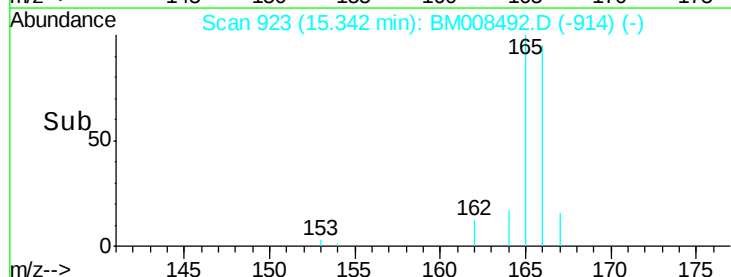
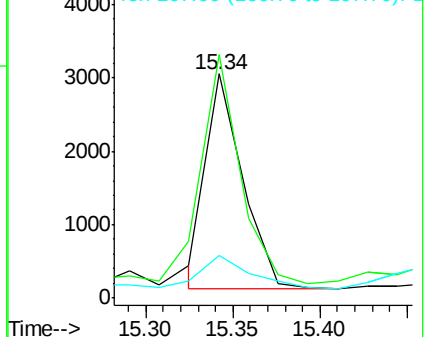
166 100

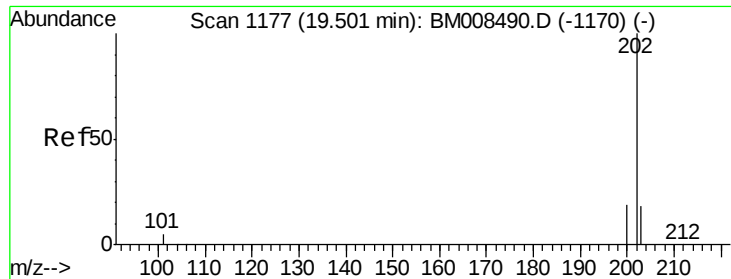
165 108.7 73.4 110.2

167 19.3 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#17
 Pyrene
 Concen: 0.07 ng/ul
 RT: 19.45 min Scan# 1173
 Delta R.T. -0.05 min
 Lab File: BM008492.D
 Acq: 20 Dec 2016 22:54

Instrument :
 BNA_M
 ClientSampleId :
 DA8S1

Tgt Ion	Ratio	Lower	Upper
202	100		
200	36.6	18.2	27.4#
203	187.2	15.6	23.4#

