

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121916\
 Data File : BM008451.D
 Acq On : 19 Dec 2016 21:02
 Operator : UM/SJ
 Sample : H5938-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA837

Quant Time: Dec 20 12:13:03 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 04:48:59 2016
 Response via : Initial Calibration

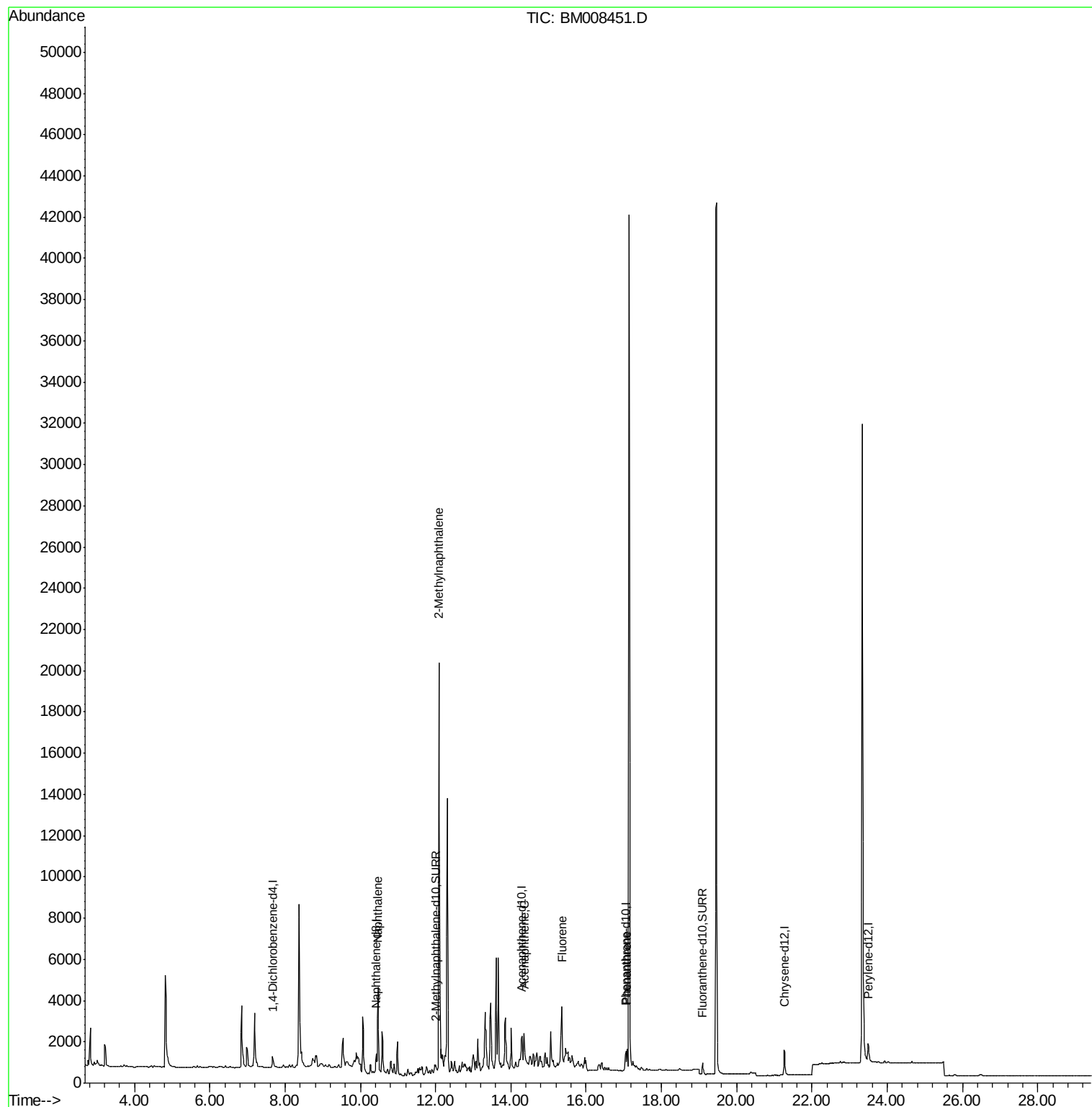
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	375	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1274	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	878	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.06	188	1680	0.40	ng/ul	-0.03
16) Chrysene-d12	21.27	240	1606	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1593	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	330	0.17	ng/ul	-0.08
14) Fluoranthene-d10	19.10	212	821	0.18	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.48	128	6053	1.69	ng/ul	Ovalue 96
5) 2-Methylnaphthalene	12.09	142	13528	5.61	ng/ul	99
8) Acenaphthene	14.35	153	1020	0.34	ng/ul	92
9) Fluorene	15.36	166	2769	0.81	ng/ul	97
12) Phenanthrene	17.09	178	1213	0.24	ng/ul#	89

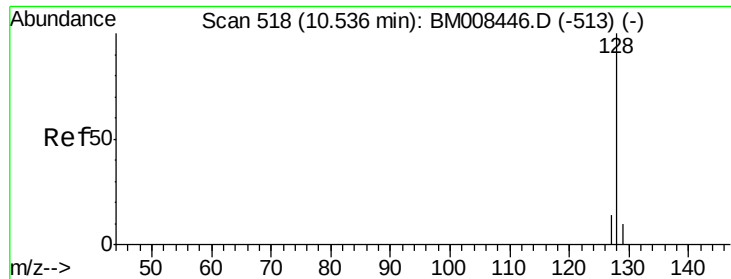
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.69 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.06 min

Lab File: BM008451.D

Acq: 19 Dec 2016 21:02

Instrument :

BNA_M

ClientSampleId :

DA837

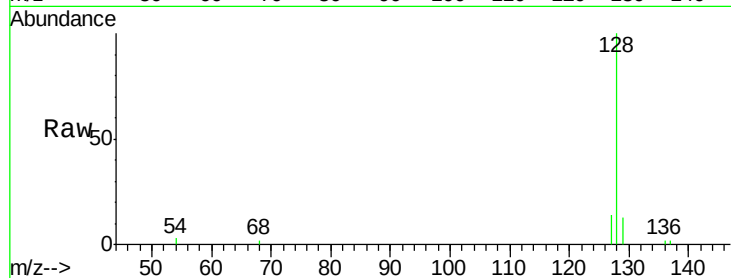
Tot Ion:128 Resp: 6053

Ion Ratio Lower Upper

128 100

129 12.6 11.3 16.9

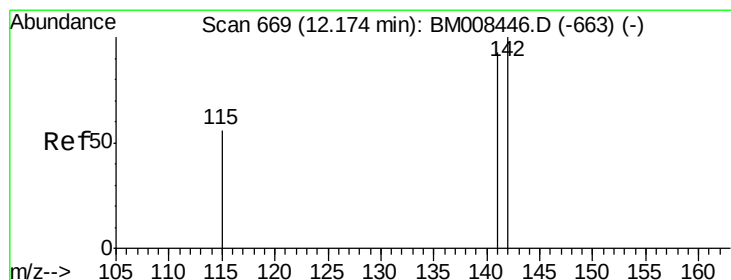
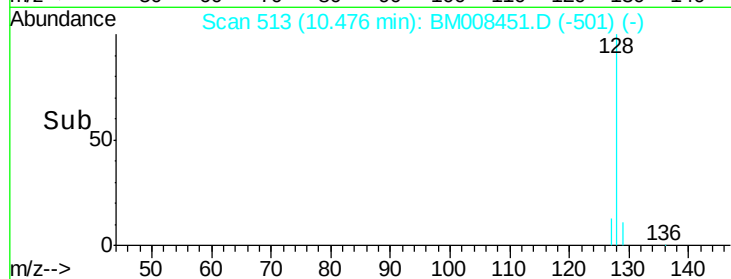
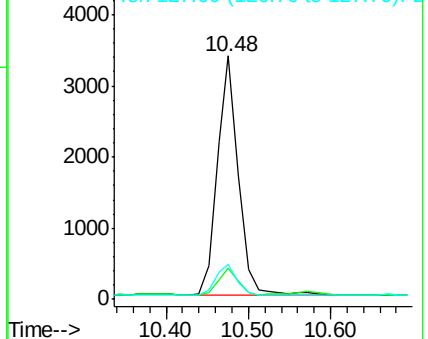
127 14.3 12.8 19.2



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: 5.61 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. -0.08 min

Lab File: BM008451.D

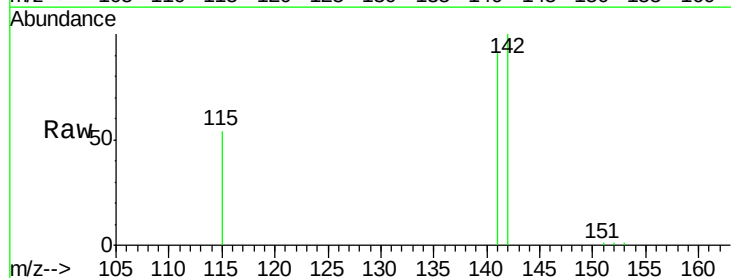
Acq: 19 Dec 2016 21:02

Tgt Ion:142 Resp: 13528

Ion Ratio Lower Upper

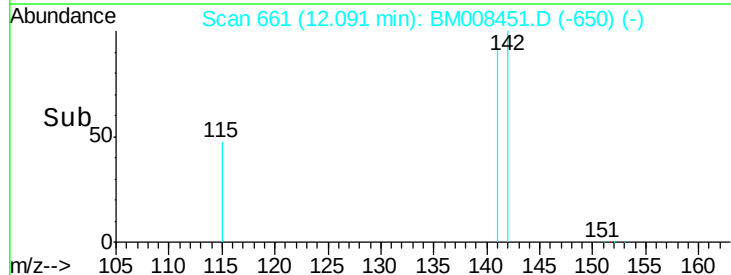
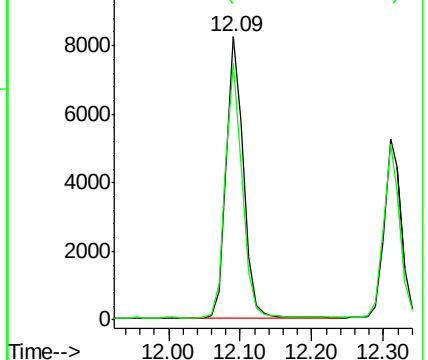
142 100

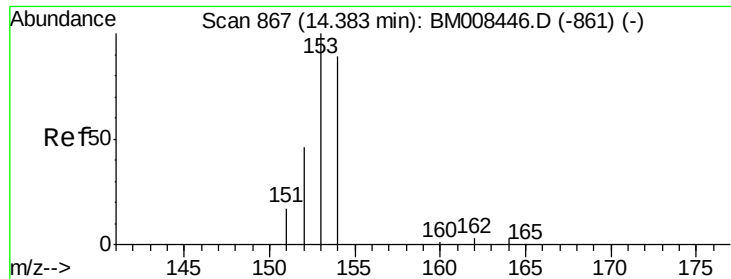
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.34 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008451.D

Acq: 19 Dec 2016 21:02

Instrument :

BNA_M

ClientSampleId :

DA837

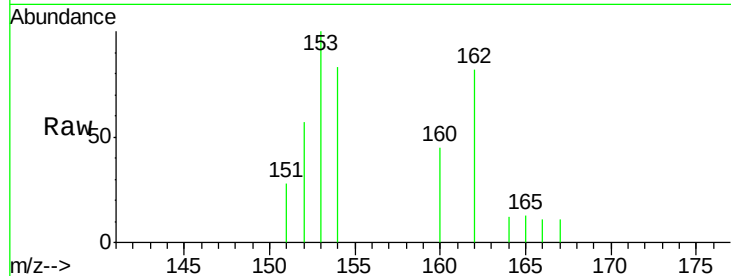
Tot Ion:153 Resp: 1020

Ion Ratio Lower Upper

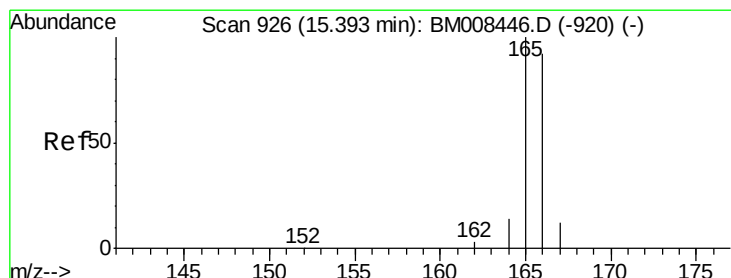
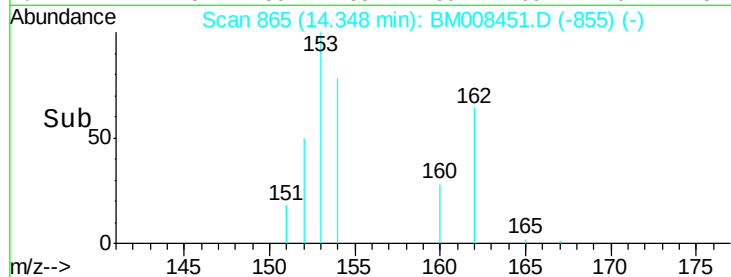
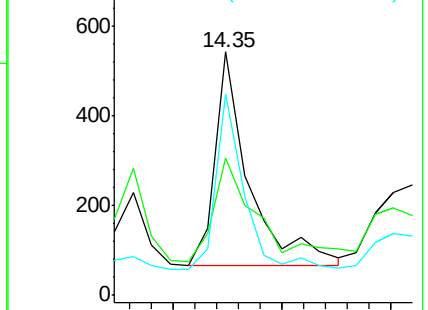
153 100

152 56.6 40.3 60.5

154 82.8 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: 0.81 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM008451.D

Acq: 19 Dec 2016 21:02

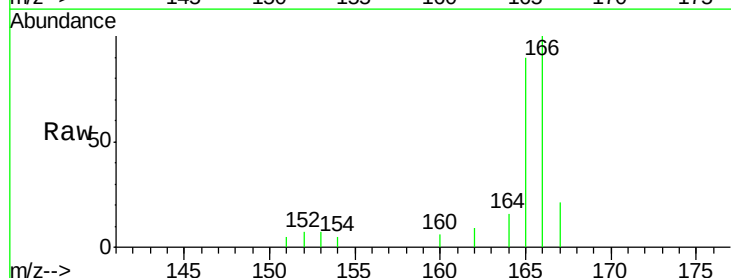
Tgt Ion:166 Resp: 2769

Ion Ratio Lower Upper

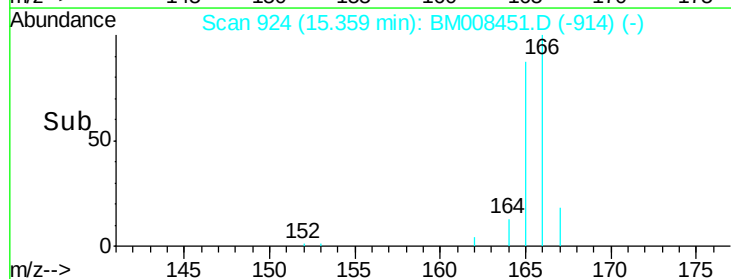
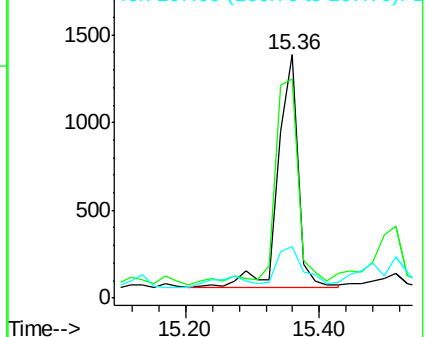
166 100

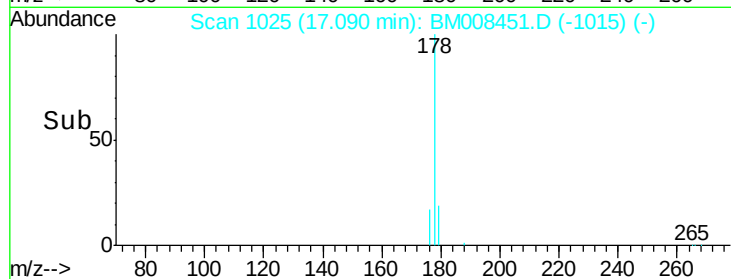
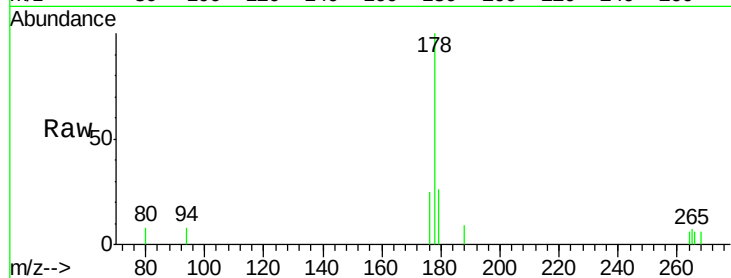
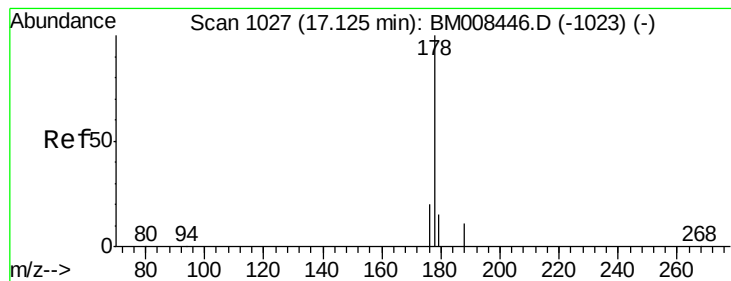
165 89.8 73.4 110.2

167 21.0 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





#12

Phenanthrene

Concen: 0.24 ng/ul

RT: 17.09 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BM008451.D

Acq: 19 Dec 2016 21:02

Instrument :

BNA_M

ClientSampleId :

DA837

Tot Ion:178 Resp: 1213

Ion Ratio Lower Upper

178 100

176 24.6 18.4 27.6

179 26.1 13.6 20.4#

