

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
 Data File : BM007998.D
 Acq On : 22 Nov 2016 17:24
 Operator : UM/SJ
 Sample : H5622-23DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WM0DL

Quant Time: Nov 22 17:57:41 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 16:05:09 2016
 Response via : Initial Calibration

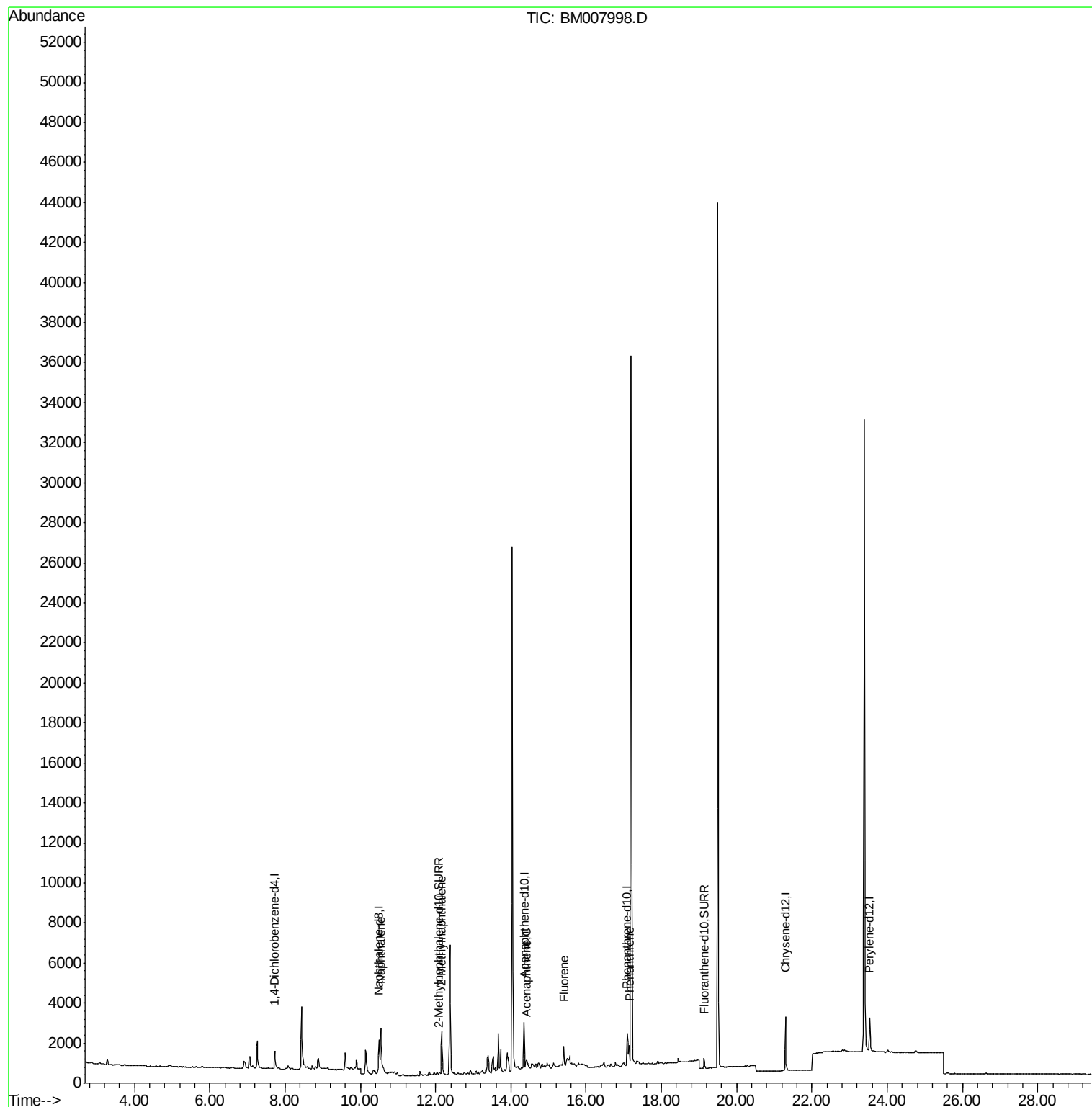
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	599	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	1977	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1436	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	2464	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2625	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	2451	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	224	0.08	ng/ul	-0.03
14) Fluoranthene-d10	19.13	212	608	0.09	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.55	128	4321	0.78	ng/ul	98
5) 2-Methylnaphthalene	12.16	142	1767	0.50	ng/ul	95
8) Acenaphthene	14.40	153	395	0.08	ng/ul#	81
9) Fluorene	15.41	166	879	0.15	ng/ul#	94
12) Phenanthrene	17.14	178	1246	0.16	ng/ul#	84

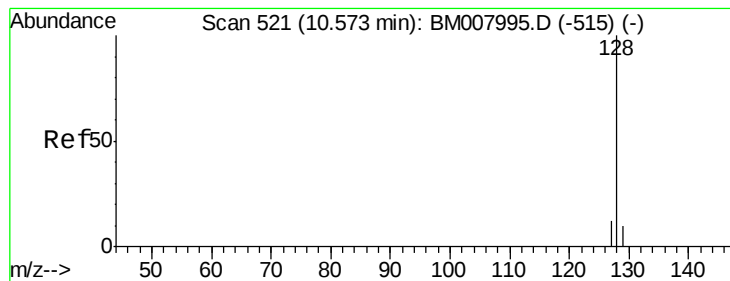
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.78 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.02 min

Lab File: BM007998.D

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ClientSampleId :

A4WM0DL

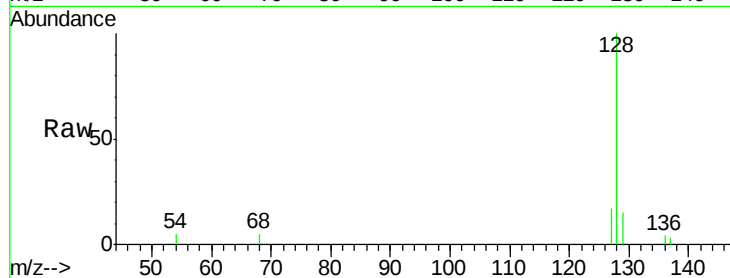
Tgt Ion:128 Resp: 4321

Ion Ratio Lower Upper

128 100

129 15.0 11.3 16.9

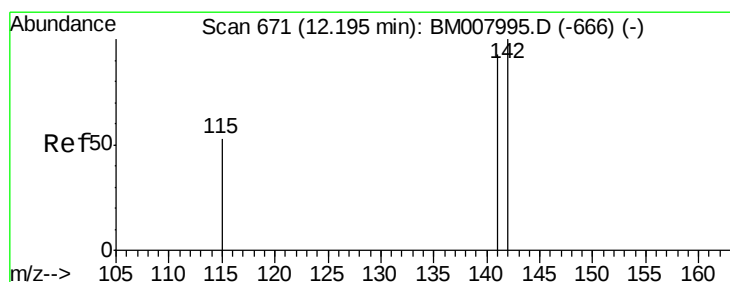
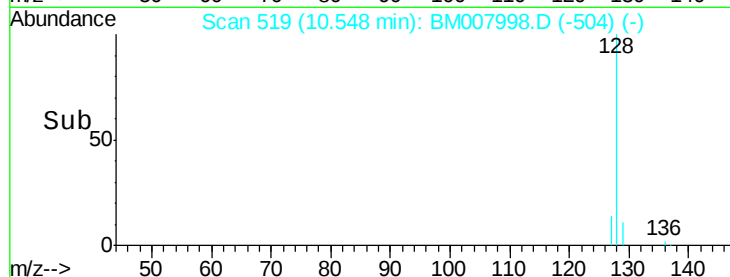
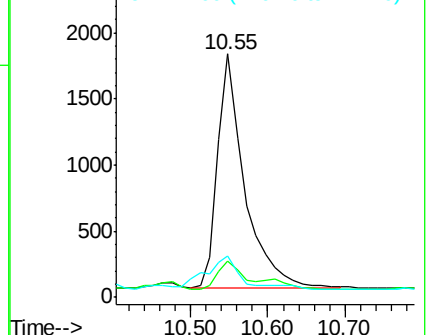
127 16.8 12.8 19.2



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: 0.50 ng/ul

RT: 12.16 min Scan# 668

Delta R.T. -0.03 min

Lab File: BM007998.D

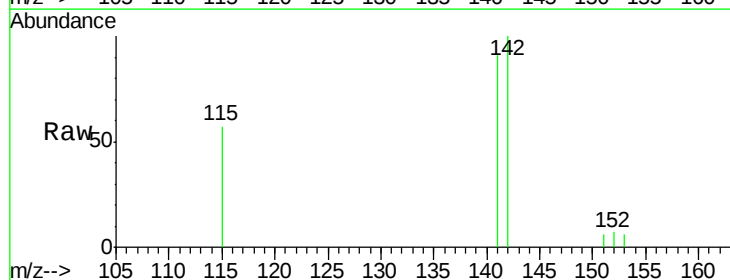
Acq: 22 Nov 2016 17:24

Tgt Ion:142 Resp: 1767

Ion Ratio Lower Upper

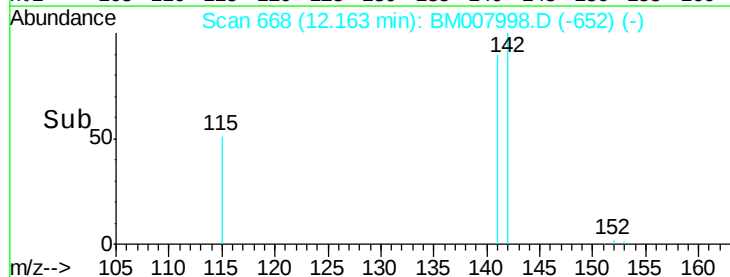
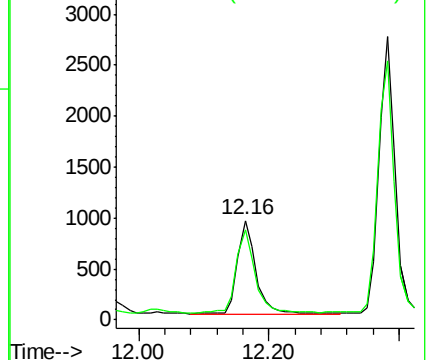
142 100

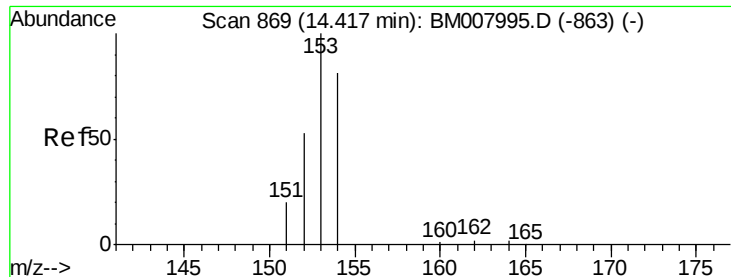
141 95.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.08 ng/ul

RT: 14.40 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM007998.D

Acq: 22 Nov 2016 17:24

Instrument :

BNA_M

ClientSampleId :

A4WM0DL

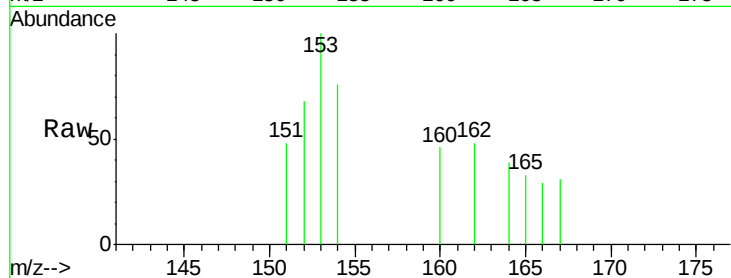
Tgt Ion:153 Resp: 395

Ion Ratio Lower Upper

153 100

152 68.1 40.3 60.5#

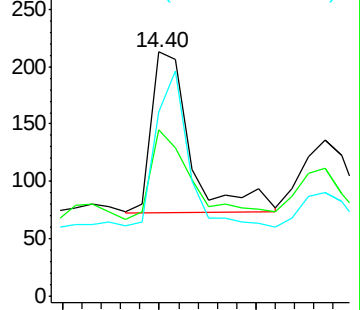
154 75.6 71.4 107.2



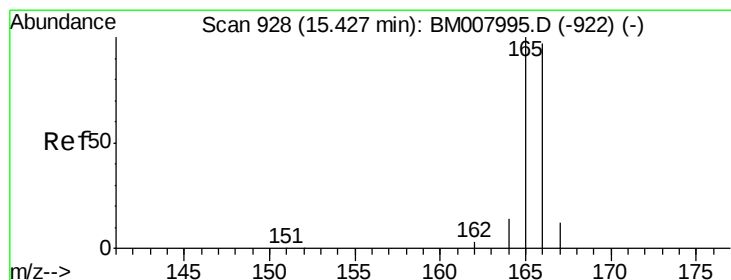
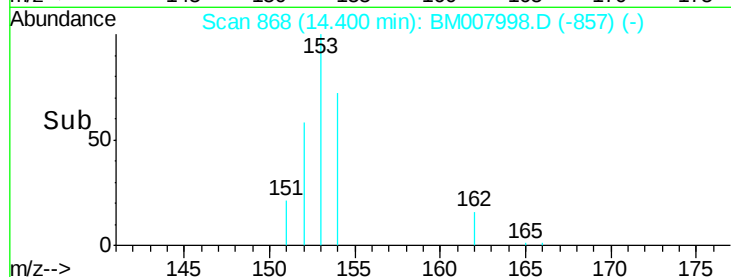
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time--> 14.30 14.40 14.50



#9

Fluorene

Concen: 0.15 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. -0.02 min

Lab File: BM007998.D

Acq: 22 Nov 2016 17:24

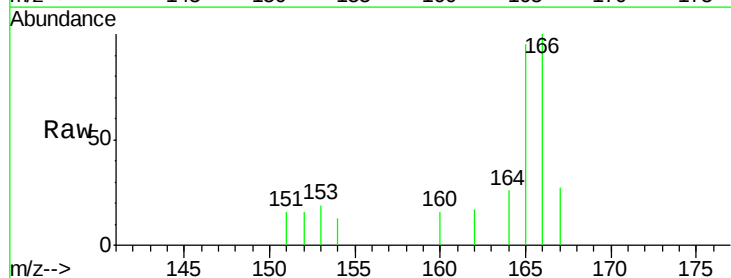
Tgt Ion:166 Resp: 879

Ion Ratio Lower Upper

166 100

165 95.3 73.4 110.2

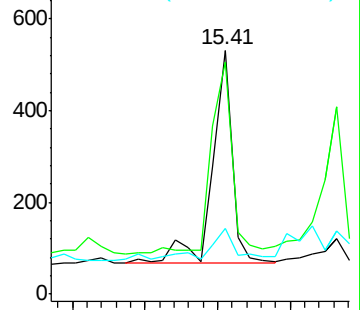
167 26.9 14.6 22.0#



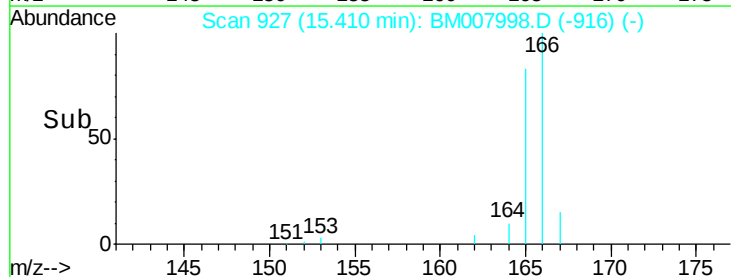
Abundance Ion 166.00 (165.70 to 166.70): E

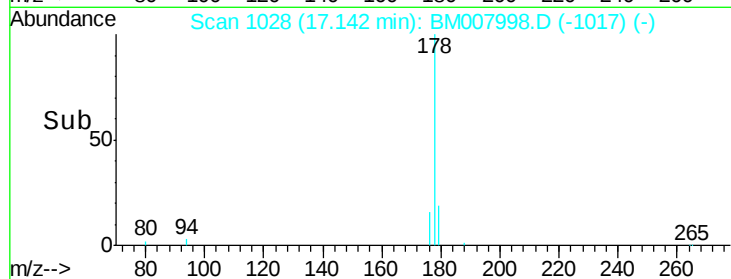
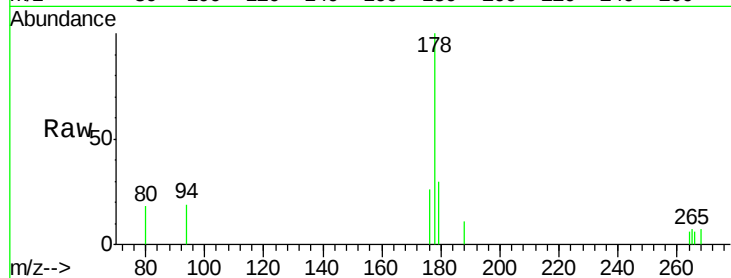
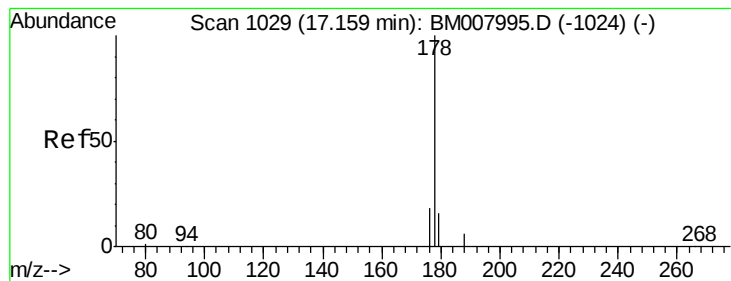
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.20 15.30 15.40 15.50





#12

Phenanthrene

Concen: 0.16 ng/ul

RT: 17.14 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BM007998.D

Acq: 22 Nov 2016 17:24

Instrument :

BNA_M

ClientSampleId :

A4WM0DL

Tgt Ion:178 Resp: 1246

Ion Ratio Lower Upper

178 100

176 25.6 18.4 27.6

179 29.9 13.6 20.4#

