

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008528.D
 Acq On : 21 Dec 2016 21:48
 Operator : UM/SJ
 Sample : H5995-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA865

Quant Time: Dec 22 00:29:23 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 00:24:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	418	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1370	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	856	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.14	188	192338	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1507	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	125611	0.40	ng/ul	-0.19

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	1059	0.50	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1950	0.00	ng/ul	-0.04

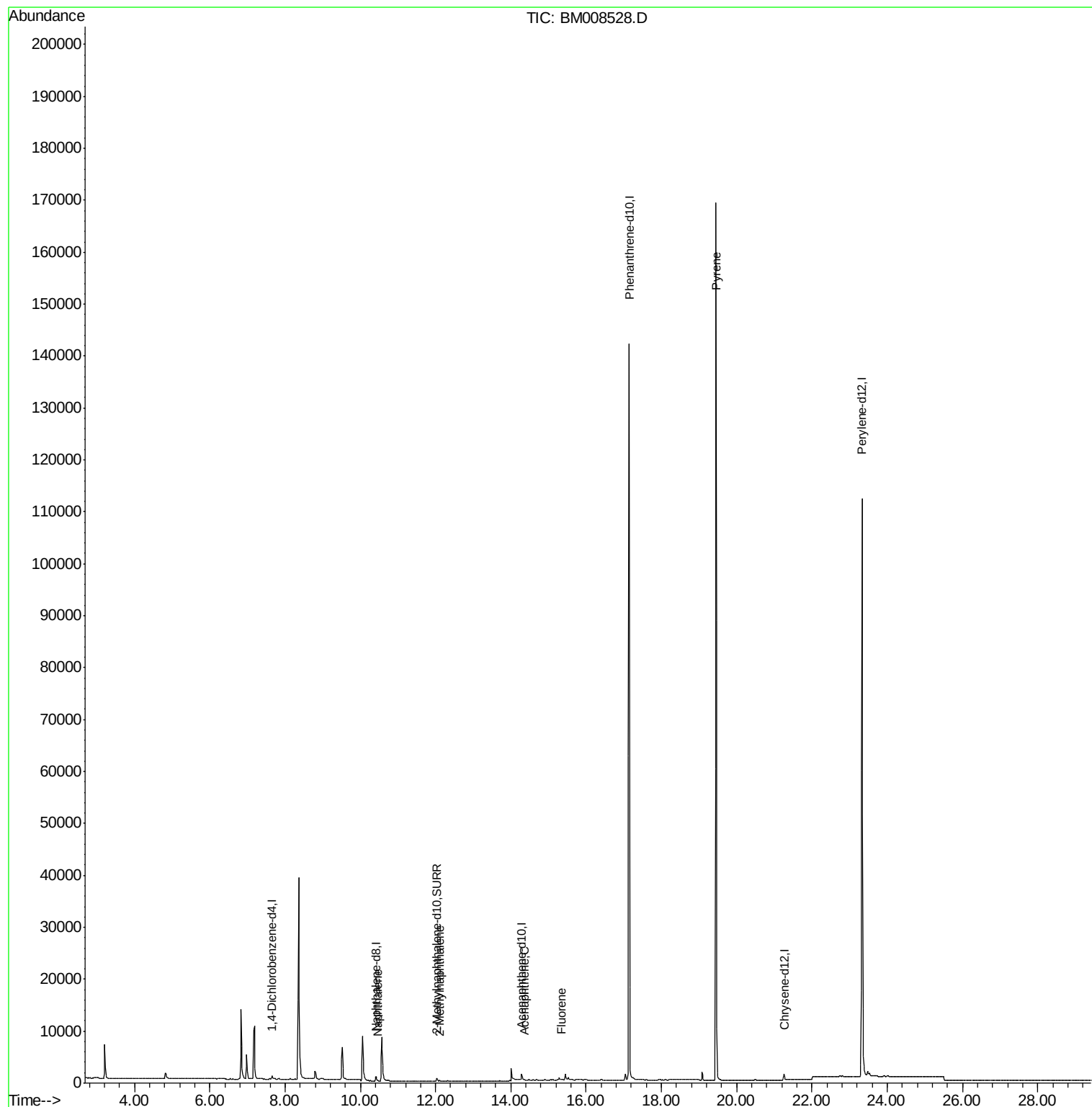
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.46	128	163	0.04	ng/ul#	25
5) 2-Methylnaphthalene	12.11	142	140	0.05	ng/ul	92
8) Acenaphthene	14.35	153	75	0.03	ng/ul#	83
9) Fluorene	15.34	166	110	0.03	ng/ul#	69
17) Pyrene	19.45	202	546	0.09	ng/ul#	1

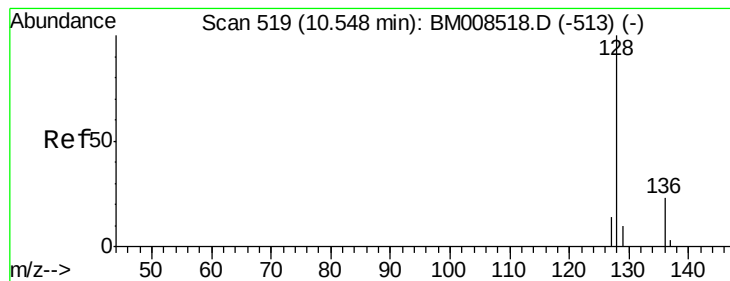
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.46 min Scan# 512

Delta R.T. -0.08 min

Lab File: BM008528.D

Acq: 21 Dec 2016 21:48

Instrument :

BNA_M

ClientSampleId :

DA865

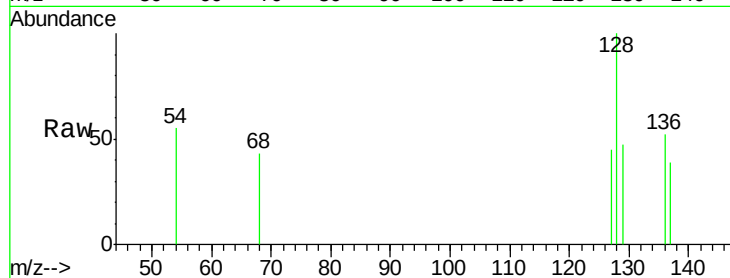
Tgt Ion:128 Resp: 163

Ion Ratio Lower Upper

128 100

129 47.4 11.3 16.9#

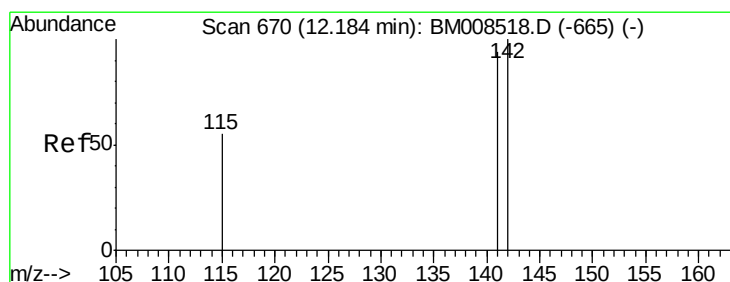
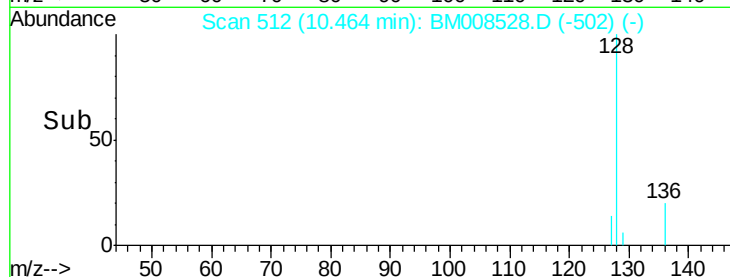
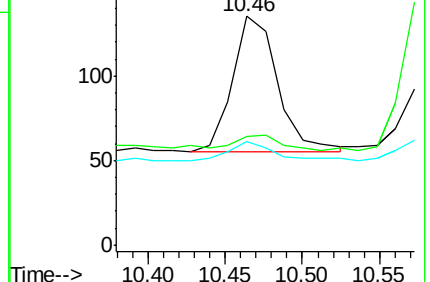
127 45.2 12.8 19.2#



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: 0.05 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.07 min

Lab File: BM008528.D

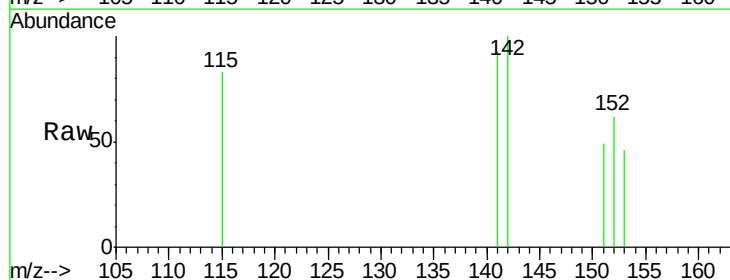
Acq: 21 Dec 2016 21:48

Tgt Ion:142 Resp: 140

Ion Ratio Lower Upper

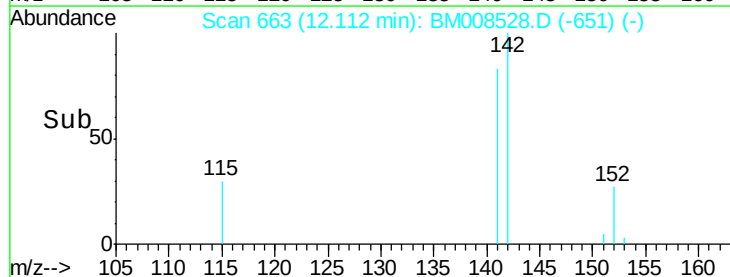
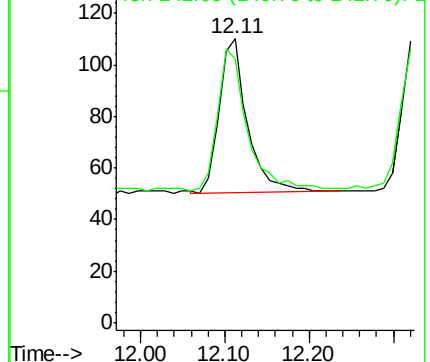
142 100

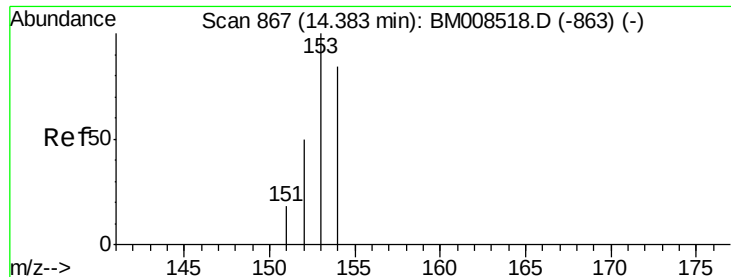
141 98.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.03 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.03 min

Lab File: BM008528.D

Acq: 21 Dec 2016 21:48

Instrument :

BNA_M

ClientSampleId :

DA865

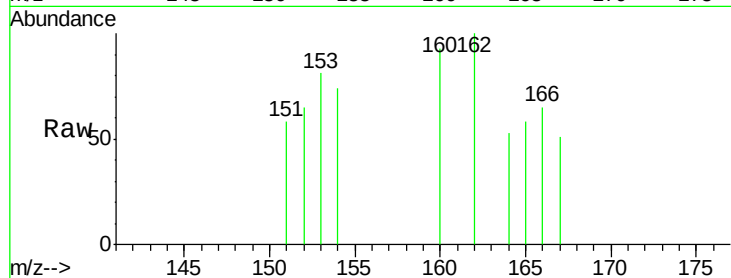
Tgt Ion:153 Resp: 75

Ion Ratio Lower Upper

153 100

152 80.5 40.3 60.5#

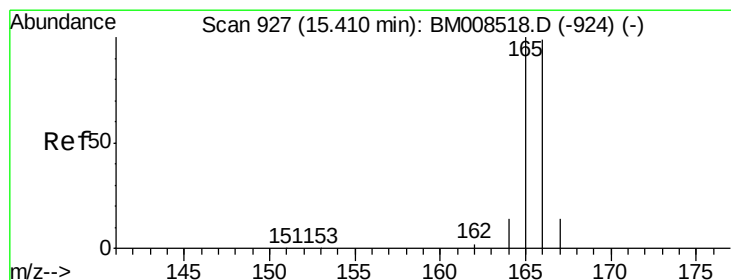
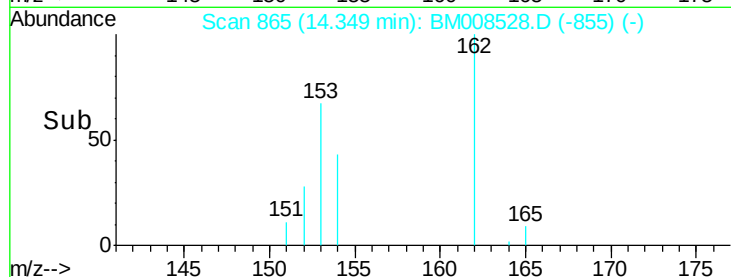
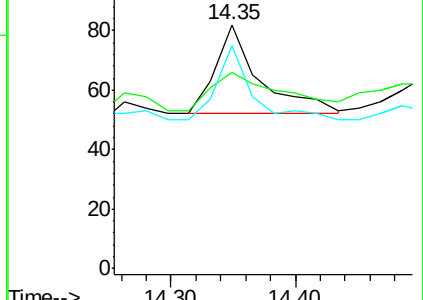
154 91.5 71.4 107.2



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: 0.03 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.07 min

Lab File: BM008528.D

Acq: 21 Dec 2016 21:48

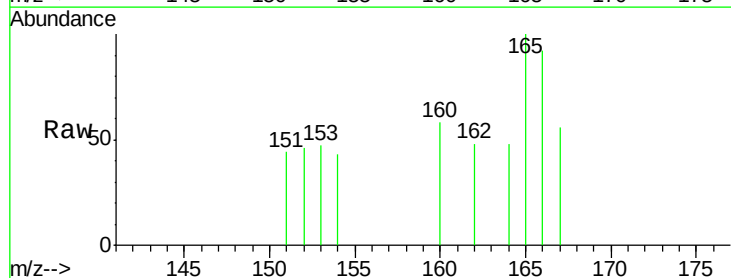
Tgt Ion:166 Resp: 110

Ion Ratio Lower Upper

166 100

165 109.1 73.4 110.2

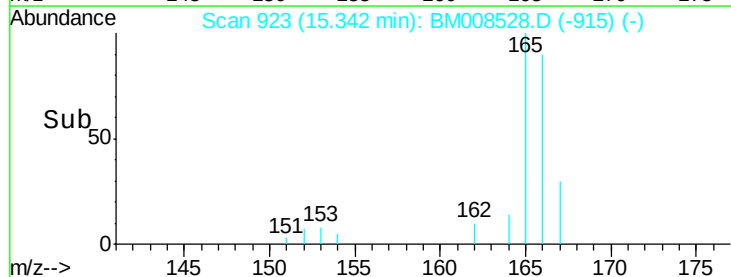
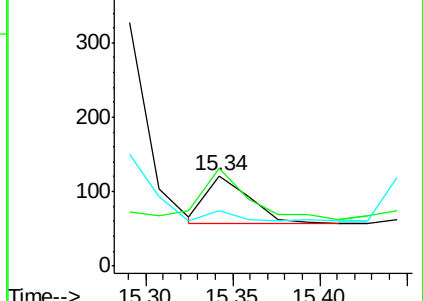
167 61.2 14.6 22.0#

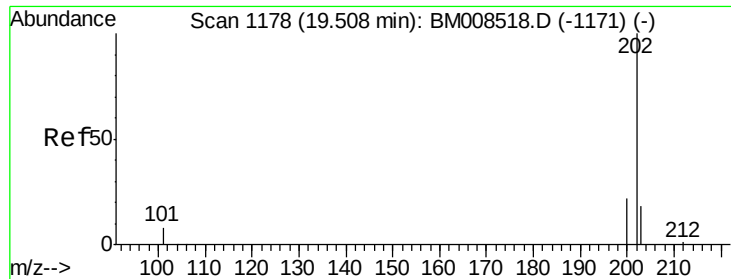


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17
 Pyrene
 Concen: 0.09 ng/ul
 RT: 19.45 min Scan# 1173
 Delta R.T. -0.06 min
 Lab File: BM008528.D
 Acq: 21 Dec 2016 21:48

Instrument :
 BNA_M
 ClientSampleId :
 DA865

Tgt Ion: 202 Resp: 546
 Ion Ratio Lower Upper
 202 100
 200 21.7 18.2 27.4
 203 156.0 15.6 23.4#

