

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008523.D
 Acq On : 21 Dec 2016 18:47
 Operator : UM/SJ
 Sample : H5995-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA881

Quant Time: Dec 22 00:28:36 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

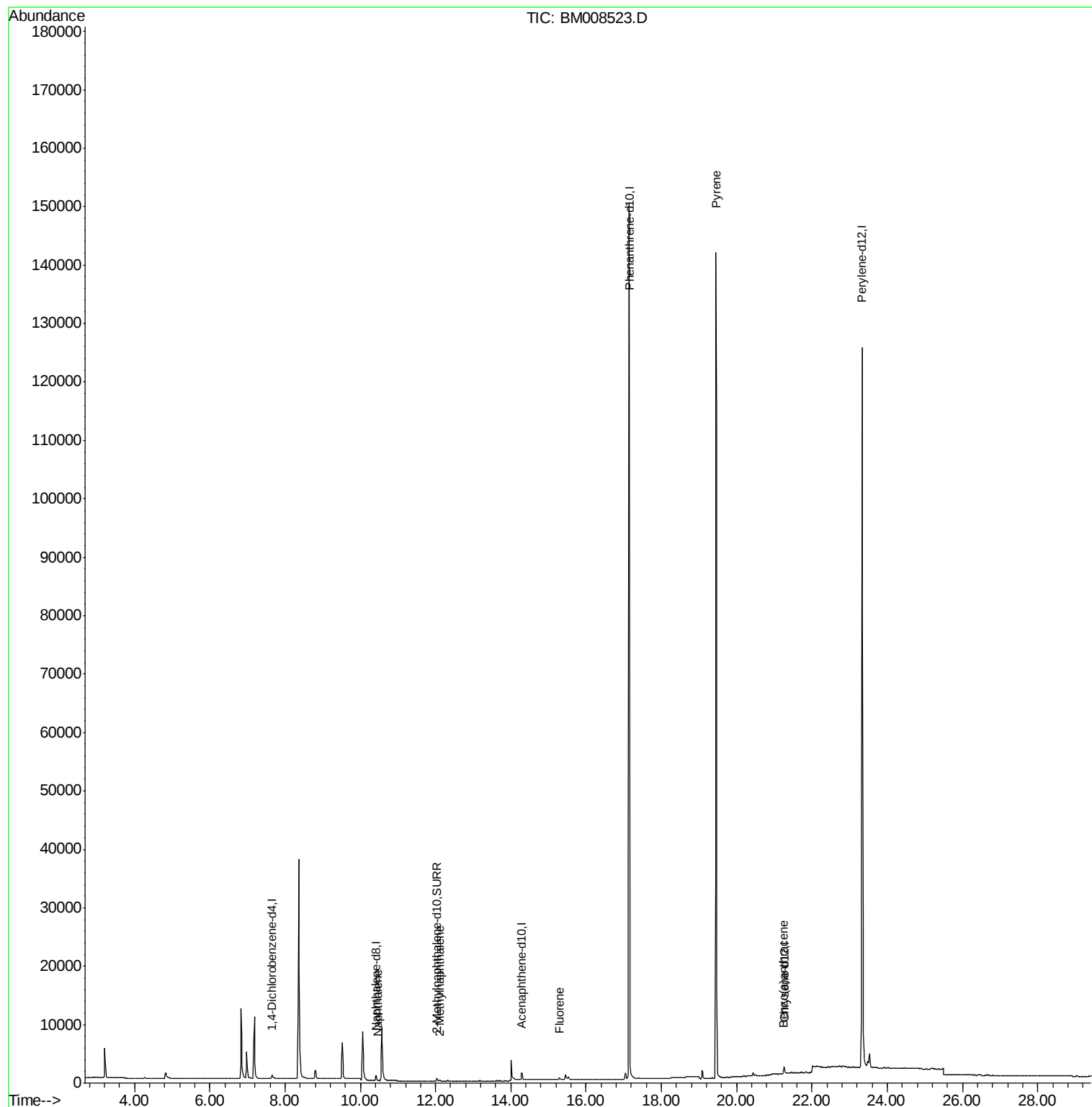
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	434	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.43	136	1429	0.40	ng/ul	-0.07
6) Acenaphthene-d10	14.30	164	903	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	190253	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1551	0.40	ng/ul	-0.02
20) Perylene-d12	23.34	264	143434	0.40	ng/ul	-0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	1039	0.47	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1888	0.00	ng/ul	-0.04
Target Compounds						
3) Naphthalene	10.48	128	123	0.03	ng/ul#	12
5) 2-Methylnaphthalene	12.11	142	158	0.06	ng/ul	96
9) Fluorene	15.29	166	456	0.13	ng/ul#	33
17) Pyrene	19.45	202	544	0.09	ng/ul#	1
18) Benzo(a)anthracene	21.24	228	327	0.06	ng/ul#	1

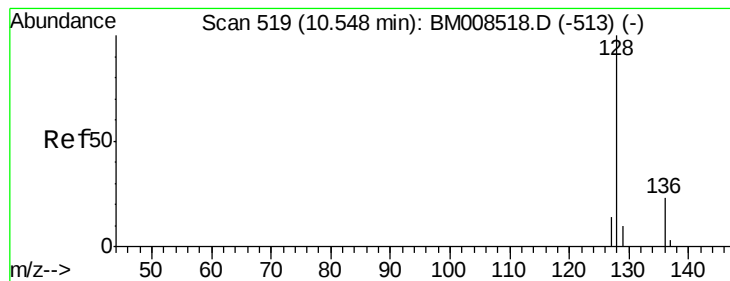
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.07 min

Lab File: BM008523.D

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DA881

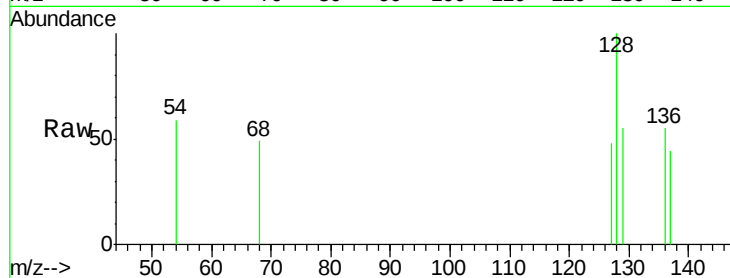
Tgt Ion:128 Resp: 123

Ion Ratio Lower Upper

128 100

129 55.1 11.3 16.9#

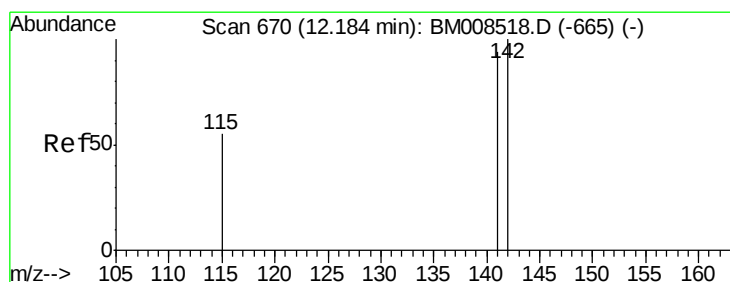
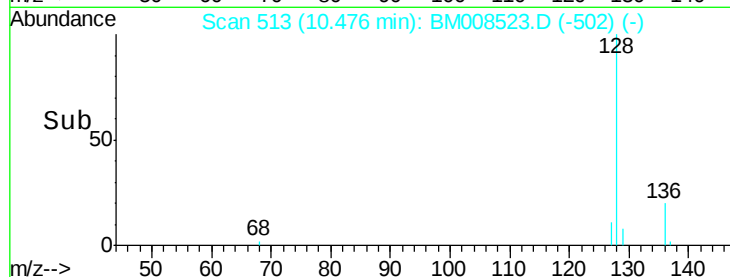
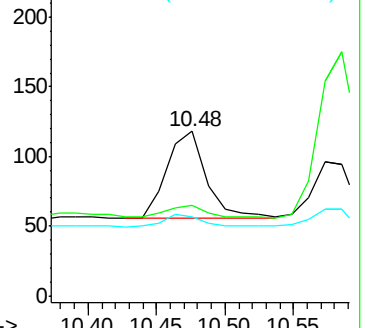
127 48.3 12.8 19.2#



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: 0.06 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.07 min

Lab File: BM008523.D

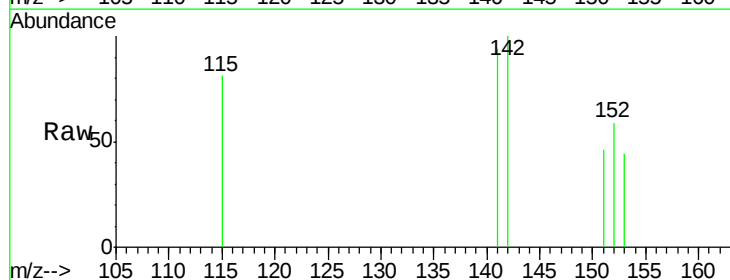
Acq: 21 Dec 2016 18:47

Tgt Ion:142 Resp: 158

Ion Ratio Lower Upper

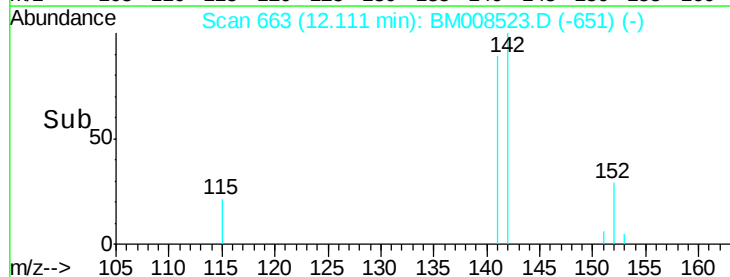
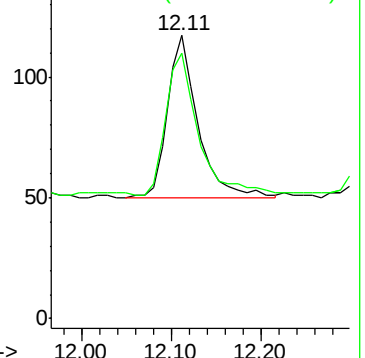
142 100

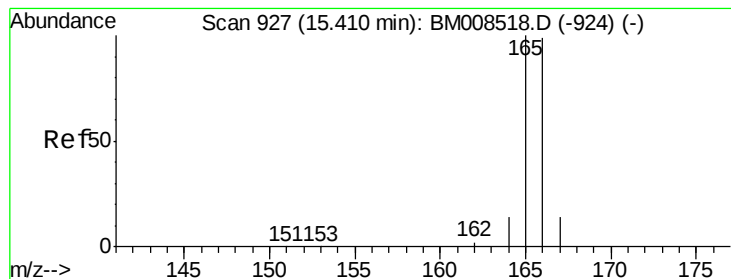
141 94.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.13 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.12 min

Lab File: BM008523.D

Acq: 21 Dec 2016 18:47

Instrument :

BNA_M

ClientSampleId :

DA881

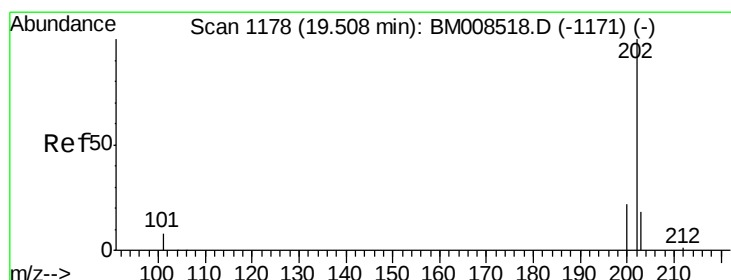
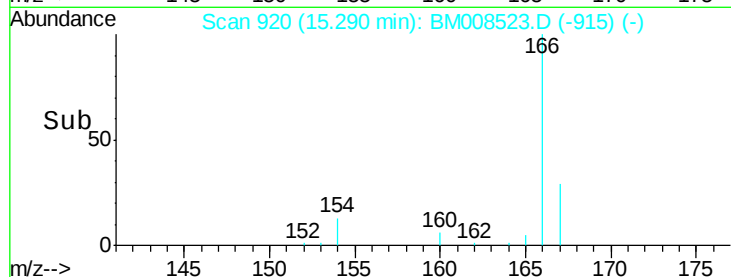
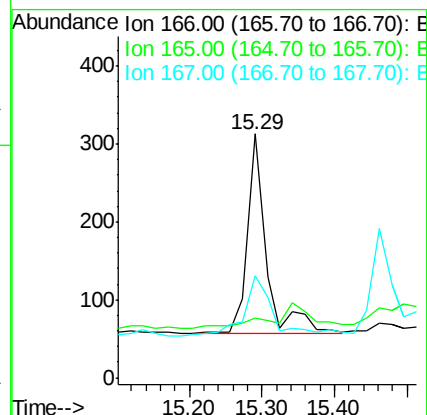
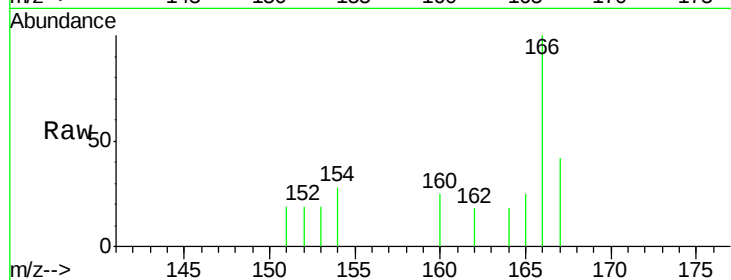
Tgt Ion:166 Resp: 456

Ion Ratio Lower Upper

166 100

165 24.6 73.4 110.2#

167 41.5 14.6 22.0#



#17

Pyrene

Concen: 0.09 ng/ul

RT: 19.45 min Scan# 1173

Delta R.T. -0.06 min

Lab File: BM008523.D

Acq: 21 Dec 2016 18:47

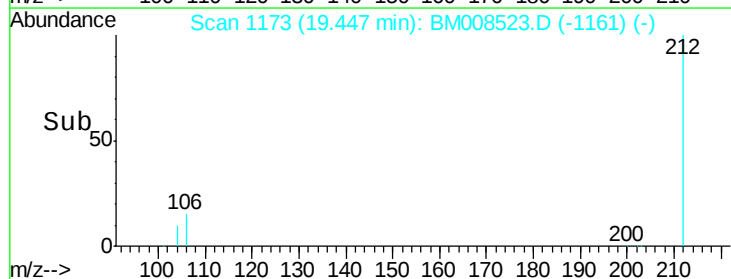
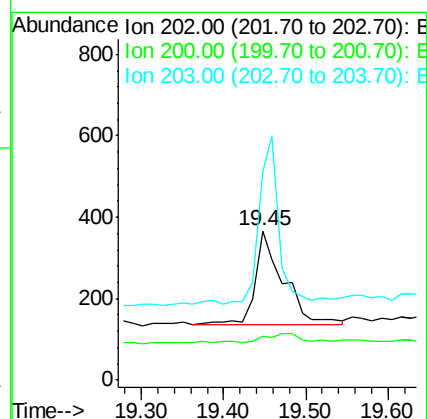
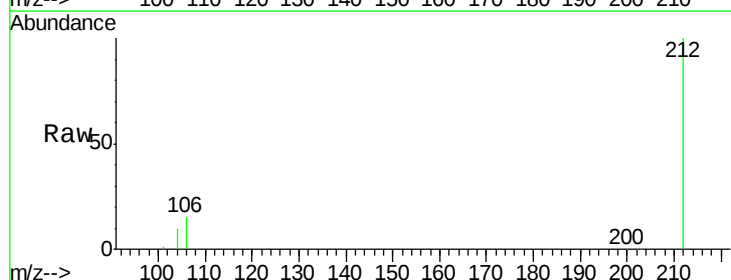
Tgt Ion:202 Resp: 544

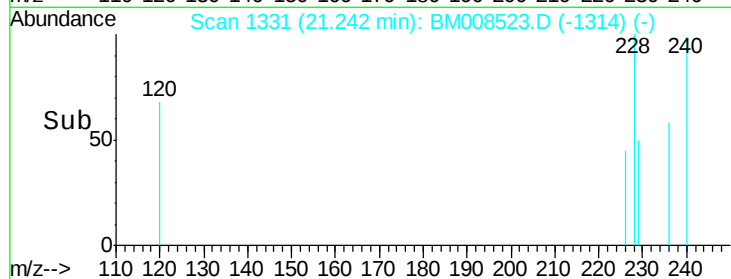
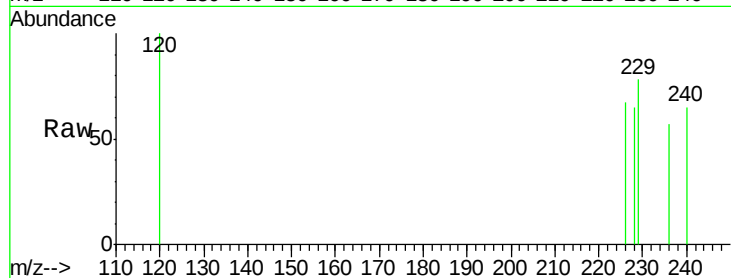
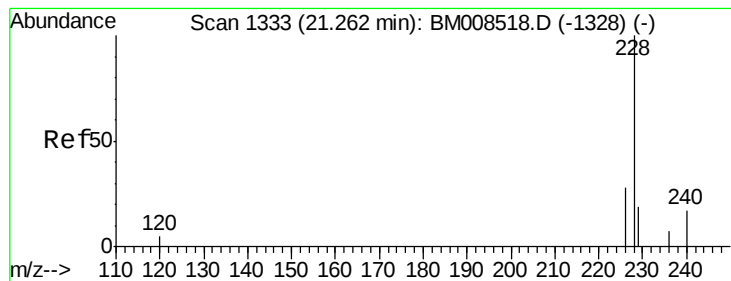
Ion Ratio Lower Upper

202 100

200 29.2 18.2 27.4#

203 139.8 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM008523.D

Acq: 21 Dec 2016 18:47

Instrument :

BNA_M

ClientSampleId :

DA881

Tgt Ion: 228 Resp: 327

Ion Ratio Lower Upper

228 100

226 102.5 22.8 34.2#

229 120.0 17.0 25.6#

