

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008516.D
 Acq On : 21 Dec 2016 14:32
 Operator : UM/SJ
 Sample : H5996-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA866

Quant Time: Dec 22 00:03:57 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 00:00:17 2016
 Response via : Initial Calibration

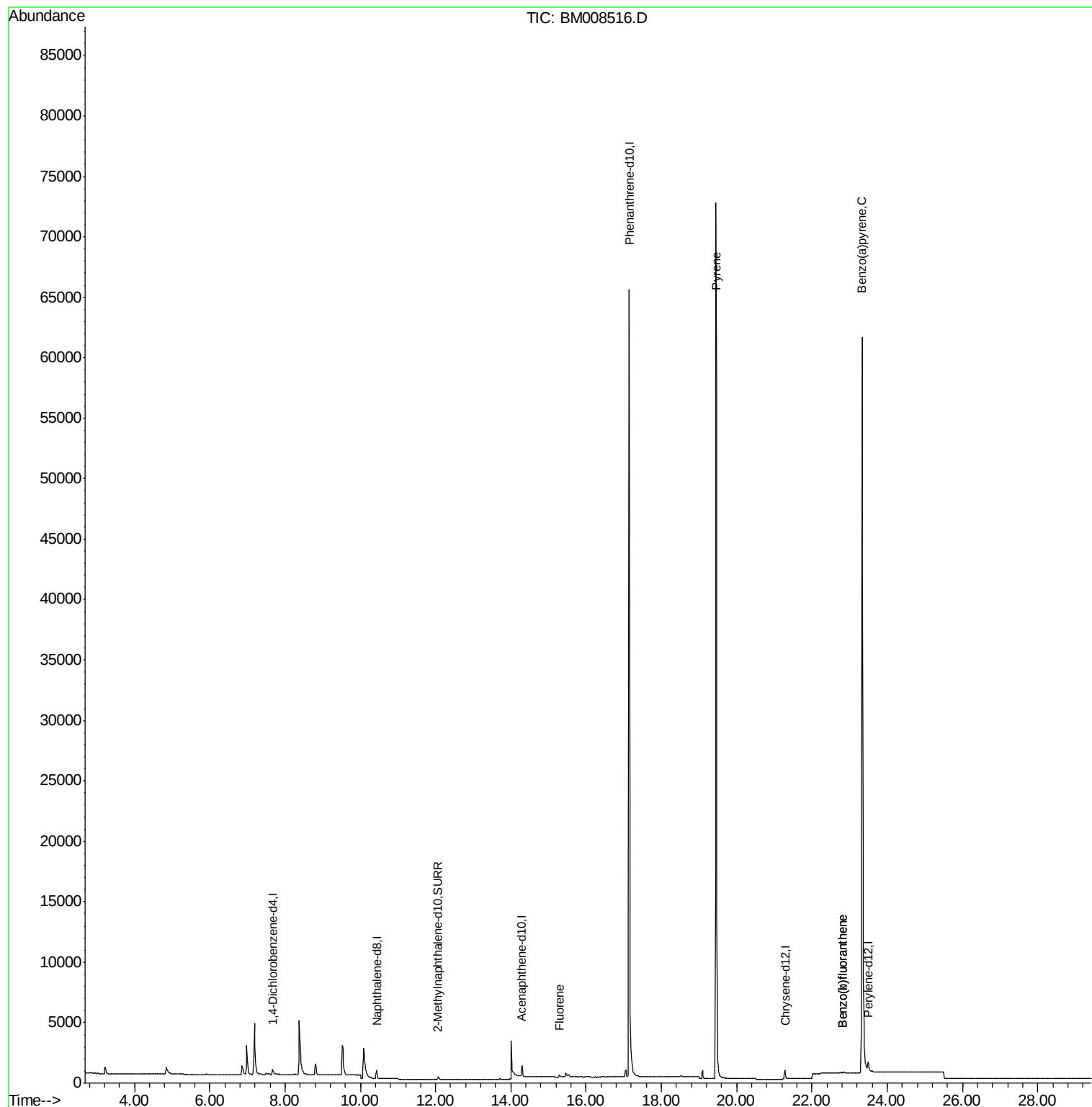
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	344	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.44	136	1078	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	619	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	94568	0.40	ng/ul	0.05
16) Chrysene-d12	21.28	240	1098	0.40	ng/ul	0.01
20) Perylene-d12	23.49	264	1634	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	484	0.29	ng/ul	-0.02
14) Fluoranthene-d10	19.10	212	1059	0.00	ng/ul	-0.01
Target Compounds						
					Qvalue	
9) Fluorene	15.29	166	223	0.09	ng/ul#	38
17) Pyrene	19.45	202	229	0.05	ng/ul#	1
21) Benzo(b)fluoranthene	22.82	252	157	0.02	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	157	0.03	ng/ul#	1
23) Benzo(a)pyrene	23.34	252	476	0.08	ng/ul#	29

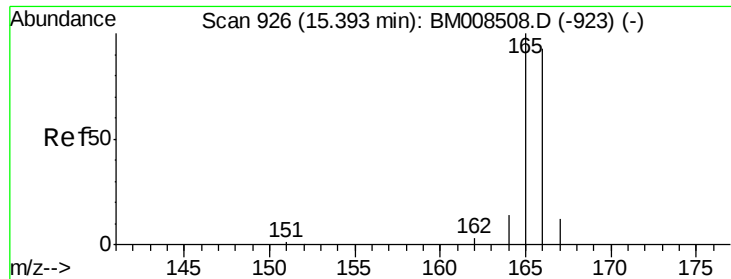
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Fluorene

Concen: 0.09 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.10 min

Lab File: BM008516.D

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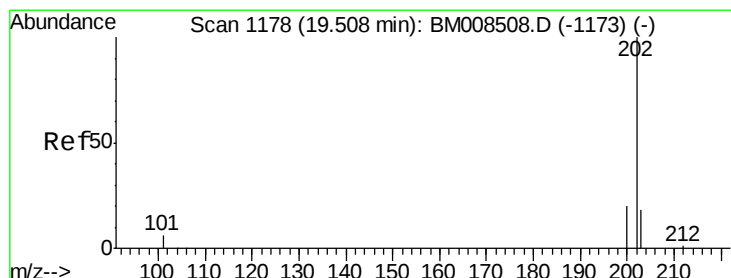
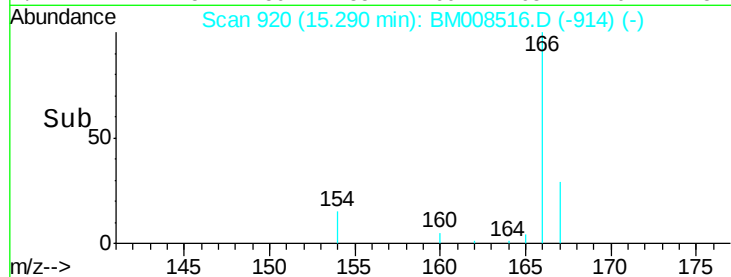
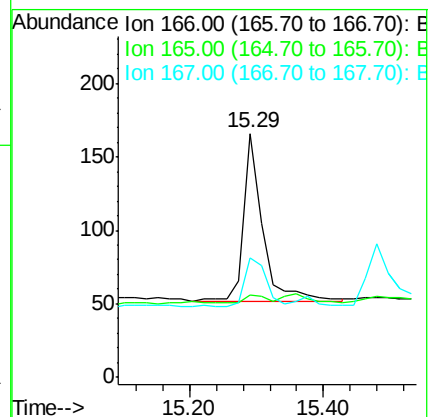
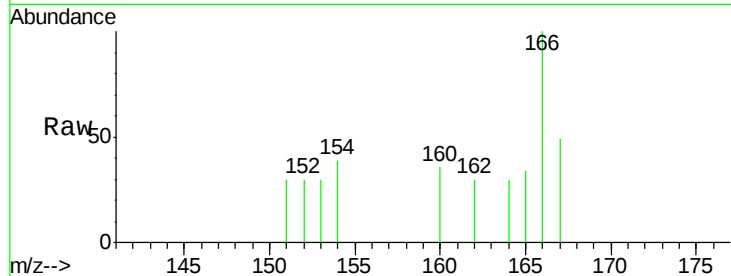
Tgt Ion:166 Resp: 223

Ion Ratio Lower Upper

166 100

165 33.7 73.4 110.2#

167 48.8 14.6 22.0#



#17

Pyrene

Concen: 0.05 ng/ul

RT: 19.45 min Scan# 1173

Delta R.T. -0.06 min

Lab File: BM008516.D

Acq: 21 Dec 2016 14:32

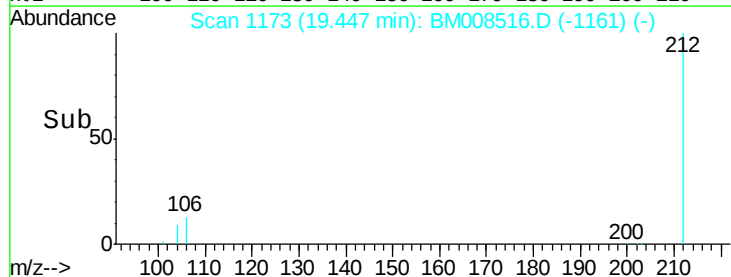
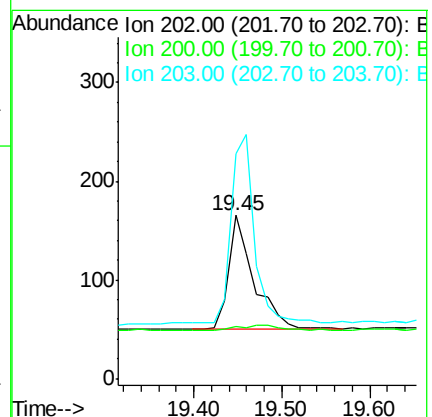
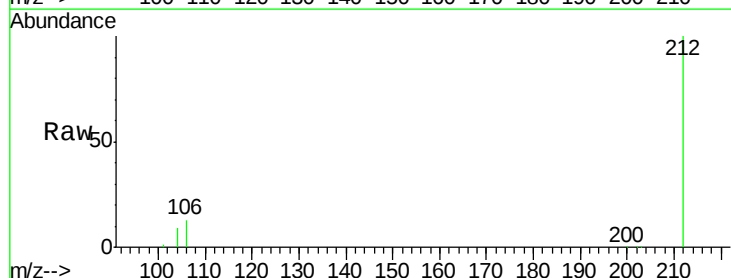
Tgt Ion:202 Resp: 229

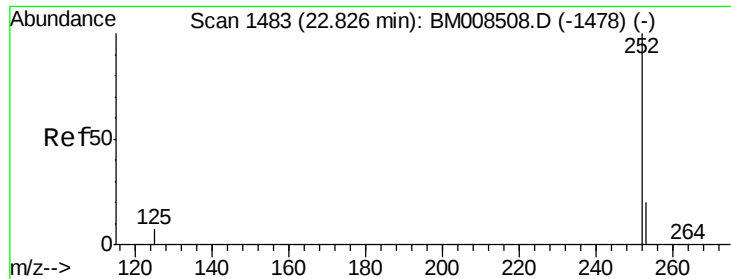
Ion Ratio Lower Upper

202 100

200 32.1 18.2 27.4#

203 138.2 15.6 23.4#





#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BM008516.D

Acq: 21 Dec 2016 14:32

Instrument :

BNA_M

ClientSampleId :

DA866

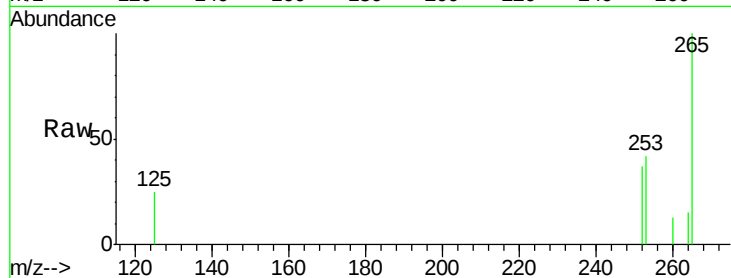
Tgt Ion:252 Resp: 157

Ion Ratio Lower Upper

252 100

253 112.6 0.0 64.2#

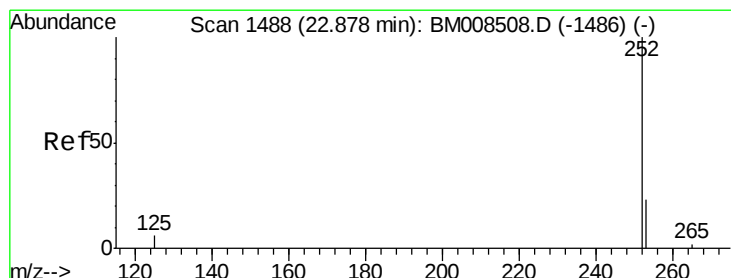
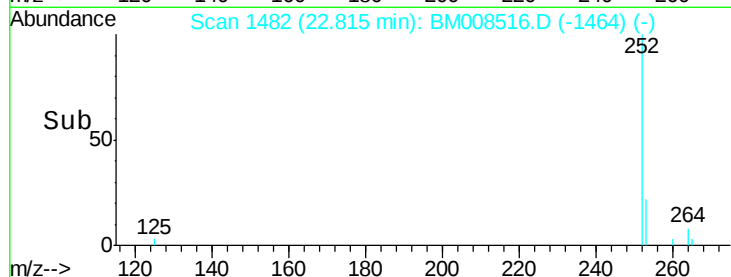
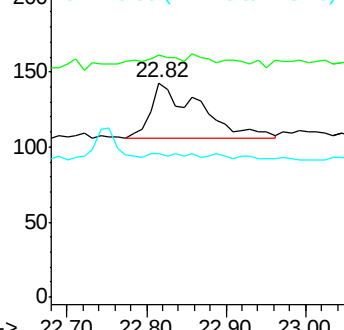
125 67.1 0.0 35.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.06 min

Lab File: BM008516.D

Acq: 21 Dec 2016 14:32

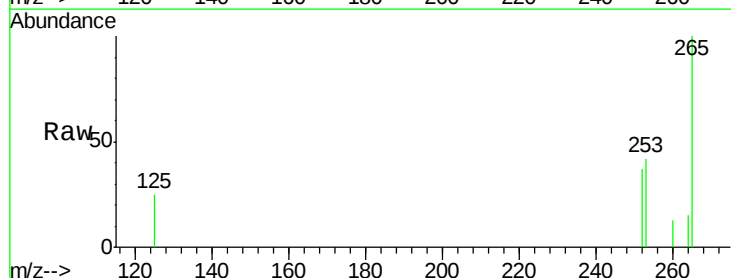
Tgt Ion:252 Resp: 157

Ion Ratio Lower Upper

252 100

253 112.6 24.5 36.7#

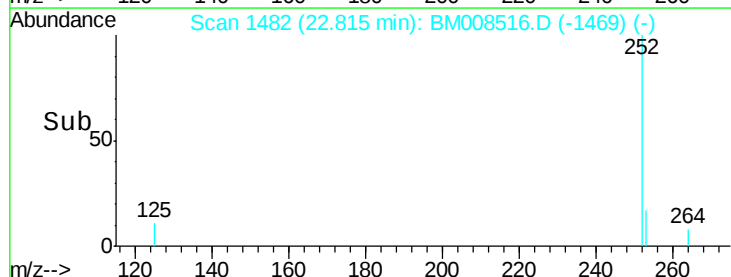
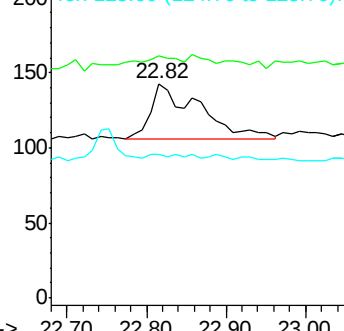
125 67.1 13.7 20.5#

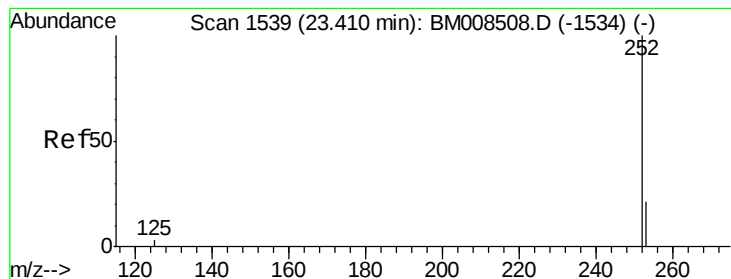


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.08 ng/ul

RT: 23.34 min Scan# 1532

Delta R.T. -0.07 min

Lab File: BM008516.D

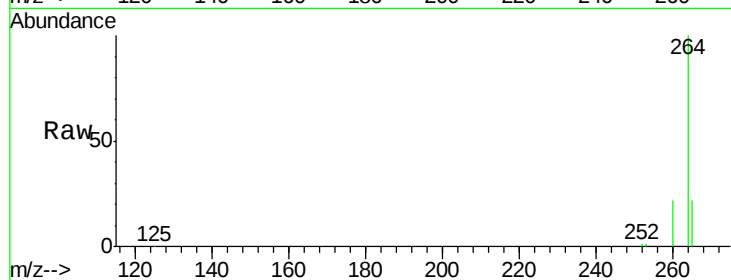
Acq: 21 Dec 2016 14:32

Instrument :

BNA_M

ClientSampleId :

DA866



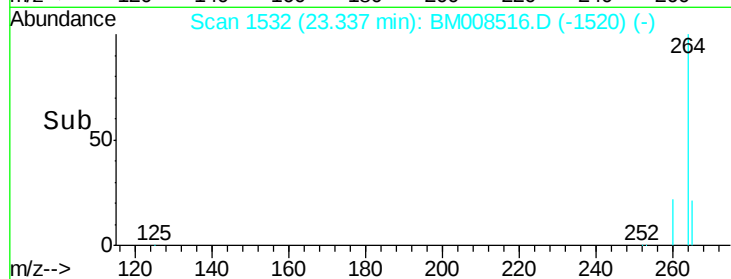
Tgt Ion: 252 Resp: 476

Ion Ratio Lower Upper

252 100

253 78.2 28.5 42.7#

125 55.6 18.1 27.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.34

300

200

100

0

Time-->

23.20 23.30 23.40 23.50