

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008461.D
 Acq On : 20 Dec 2016 03:00
 Operator : UM/SJ
 Sample : H5970-20
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA859

Quant Time: Dec 20 04:51:44 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	344	0.40	ng/ul	-0.06
2) Naphthalene-d8	10.43	136	1134	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	693	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	118641	0.40	ng/ul	0.05
16) Chrysene-d12	21.28	240	1226	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	1544	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.07	152	638	0.37	ng/ul	-0.03
14) Fluoranthene-d10	19.09	212	1378	0.00	ng/ul	-0.02

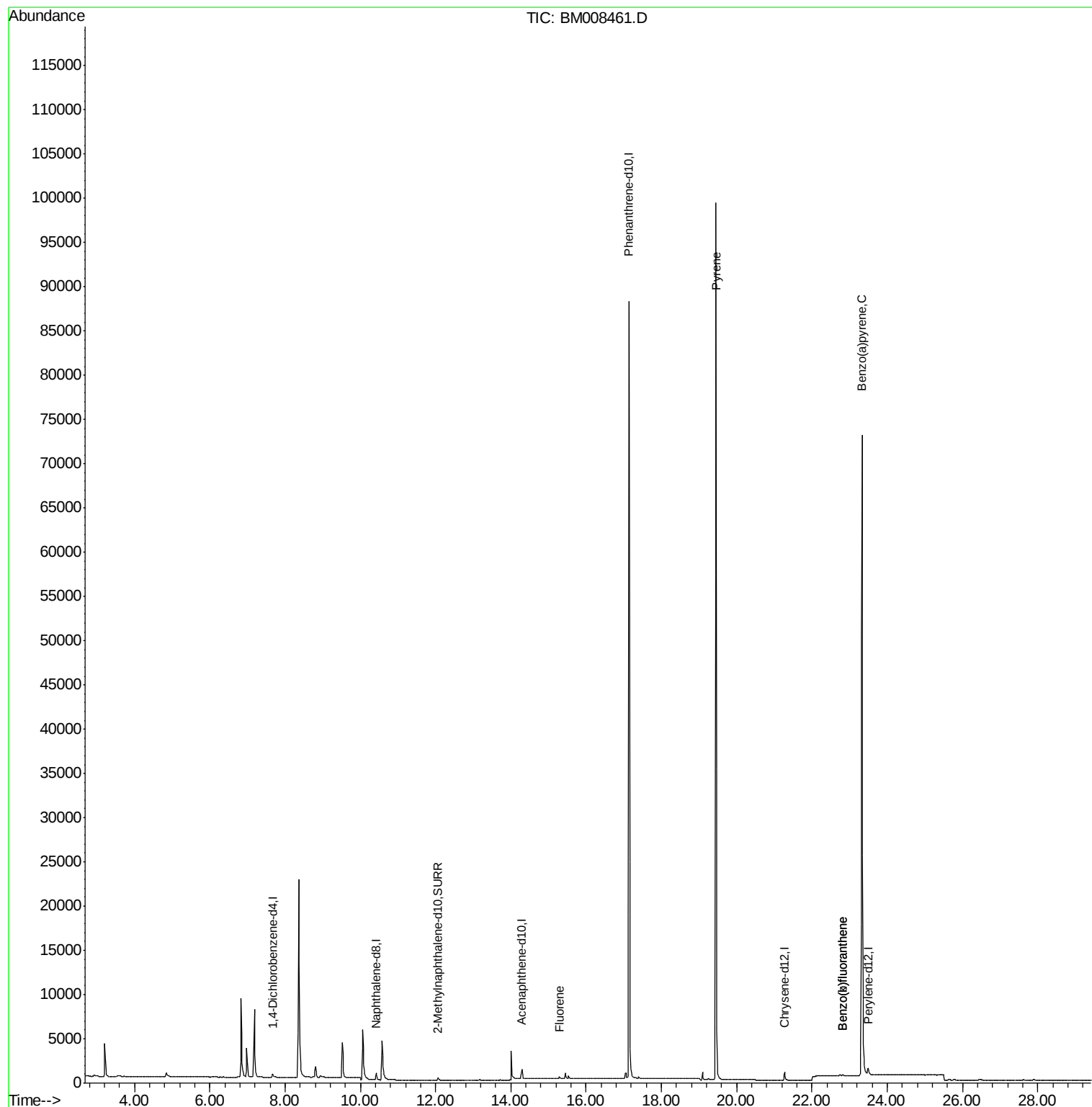
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Fluorene	15.29	166	269	0.10	ng/ul#	34
17) Pyrene	19.45	202	285	0.06	ng/ul#	1
21) Benzo(b)fluoranthene	22.82	252	134	0.02	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	134	0.02	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	529	0.09	ng/ul#	38

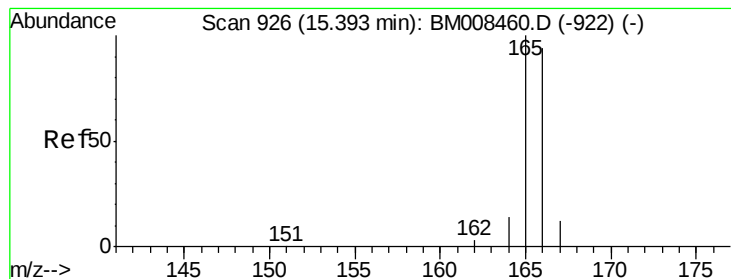
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Fluorene

Concen: 0.10 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.10 min

Lab File: BM008461.D

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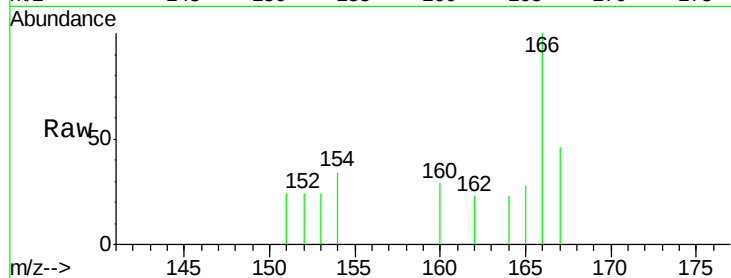
Tgt Ion:166 Resp: 269

Ion Ratio Lower Upper

166 100

165 28.1 73.4 110.2#

167 45.7 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

15.29

200

150

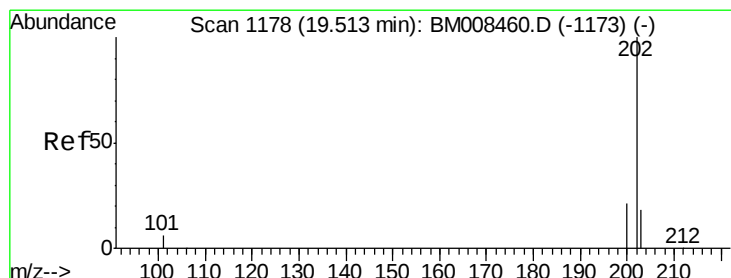
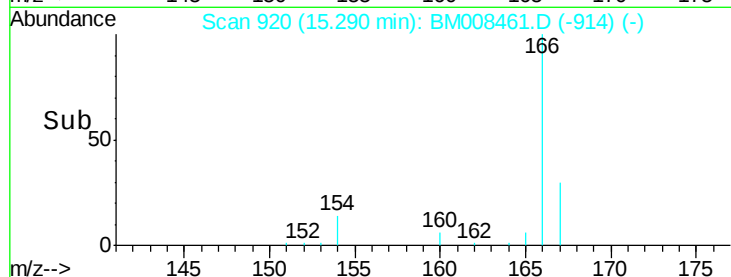
100

50

0

15.20 15.30 15.40

Time-->



#17

Pyrene

Concen: 0.06 ng/ul

RT: 19.45 min Scan# 1173

Delta R.T. -0.06 min

Lab File: BM008461.D

Acq: 20 Dec 2016 03:00

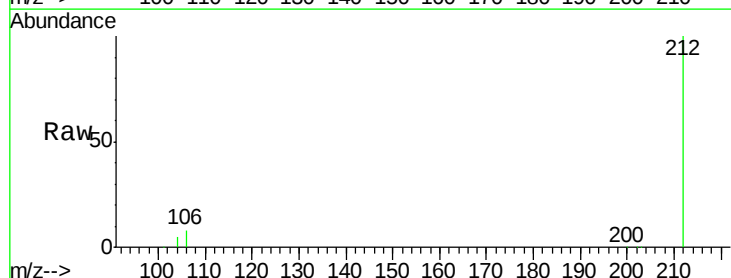
Tgt Ion:202 Resp: 285

Ion Ratio Lower Upper

202 100

200 27.6 18.2 27.4#

203 176.6 15.6 23.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.45

400

300

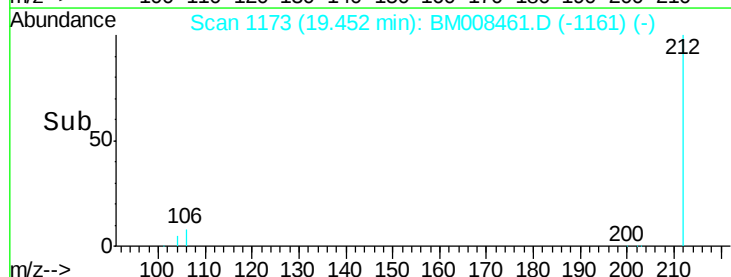
200

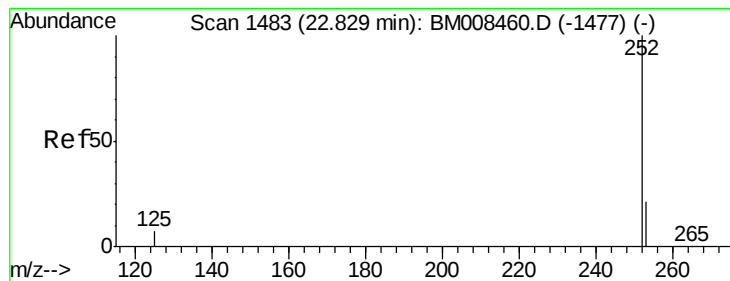
100

0

19.40 19.60

Time-->





#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BM008461.D

Acq: 20 Dec 2016 03:00

Instrument :

BNA_M

ClientSampleId :

DA859

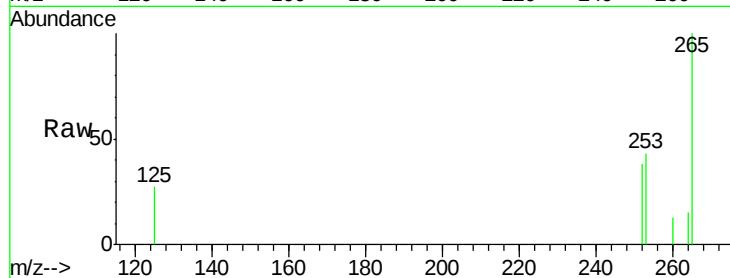
Tgt Ion:252 Resp: 134

Ion Ratio Lower Upper

252 100

253 113.8 0.0 64.2#

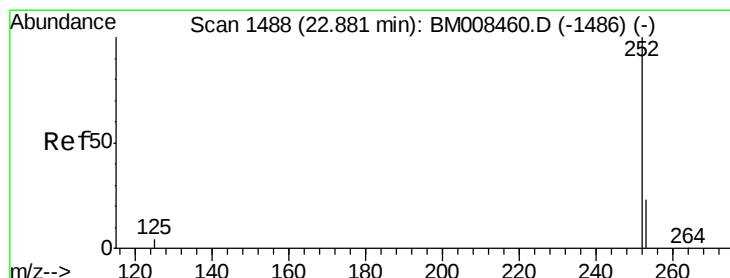
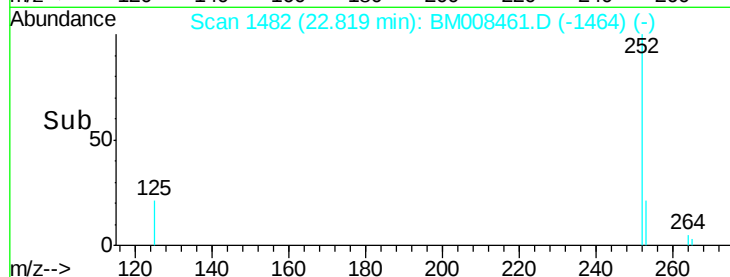
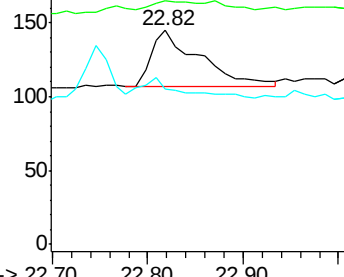
125 72.4 0.0 35.0#



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: 0.02 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.06 min

Lab File: BM008461.D

Acq: 20 Dec 2016 03:00

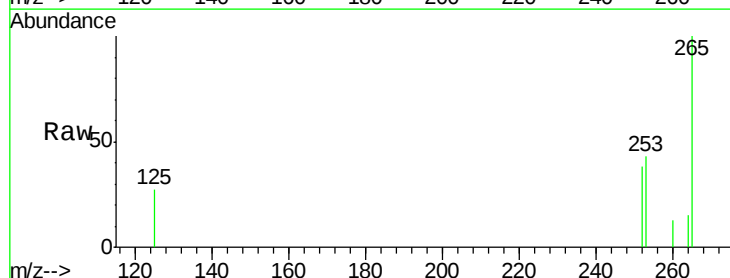
Tgt Ion:252 Resp: 134

Ion Ratio Lower Upper

252 100

253 113.8 24.5 36.7#

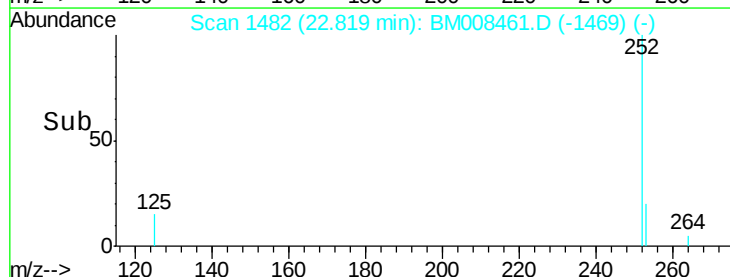
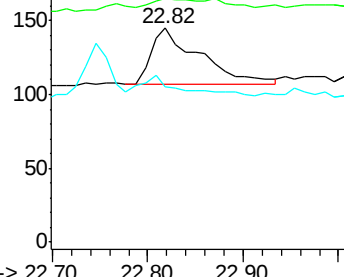
125 72.4 13.7 20.5#

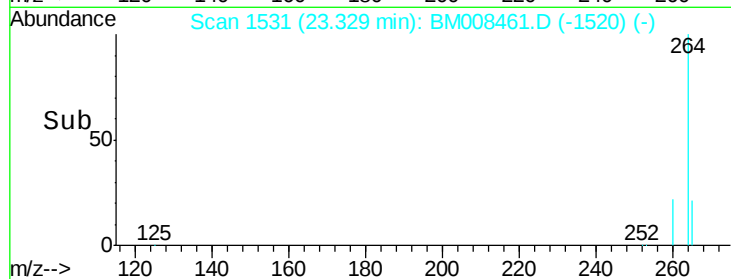
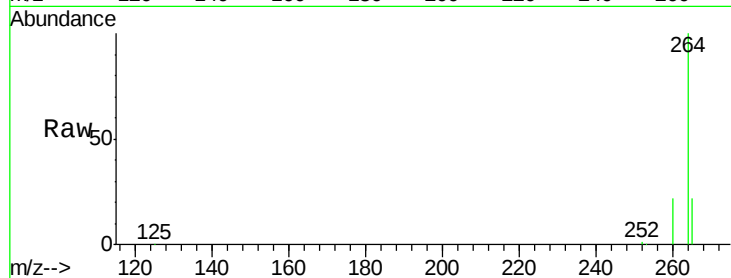
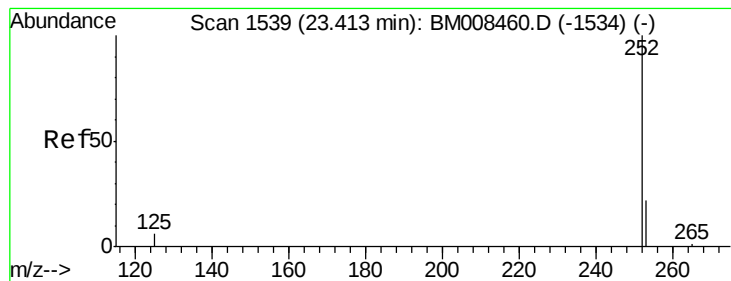


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.09 ng/ul

RT: 23.33 min Scan# 1531

Delta R.T. -0.08 min

Lab File: BM008461.D

Acq: 20 Dec 2016 03:00

Instrument :

BNA_M

ClientSampleId :

DA859

Tgt Ion: 252 Resp: 529

Ion Ratio Lower Upper

252 100

253 71.4 28.5 42.7#

125 52.8 18.1 27.1#

