

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122016\
 Data File : BM008485.D
 Acq On : 20 Dec 2016 18:42
 Operator : UM/SJ
 Sample : H6039-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8S2

Quant Time: Dec 21 10:24:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 02:43:00 2016
 Response via : Initial Calibration

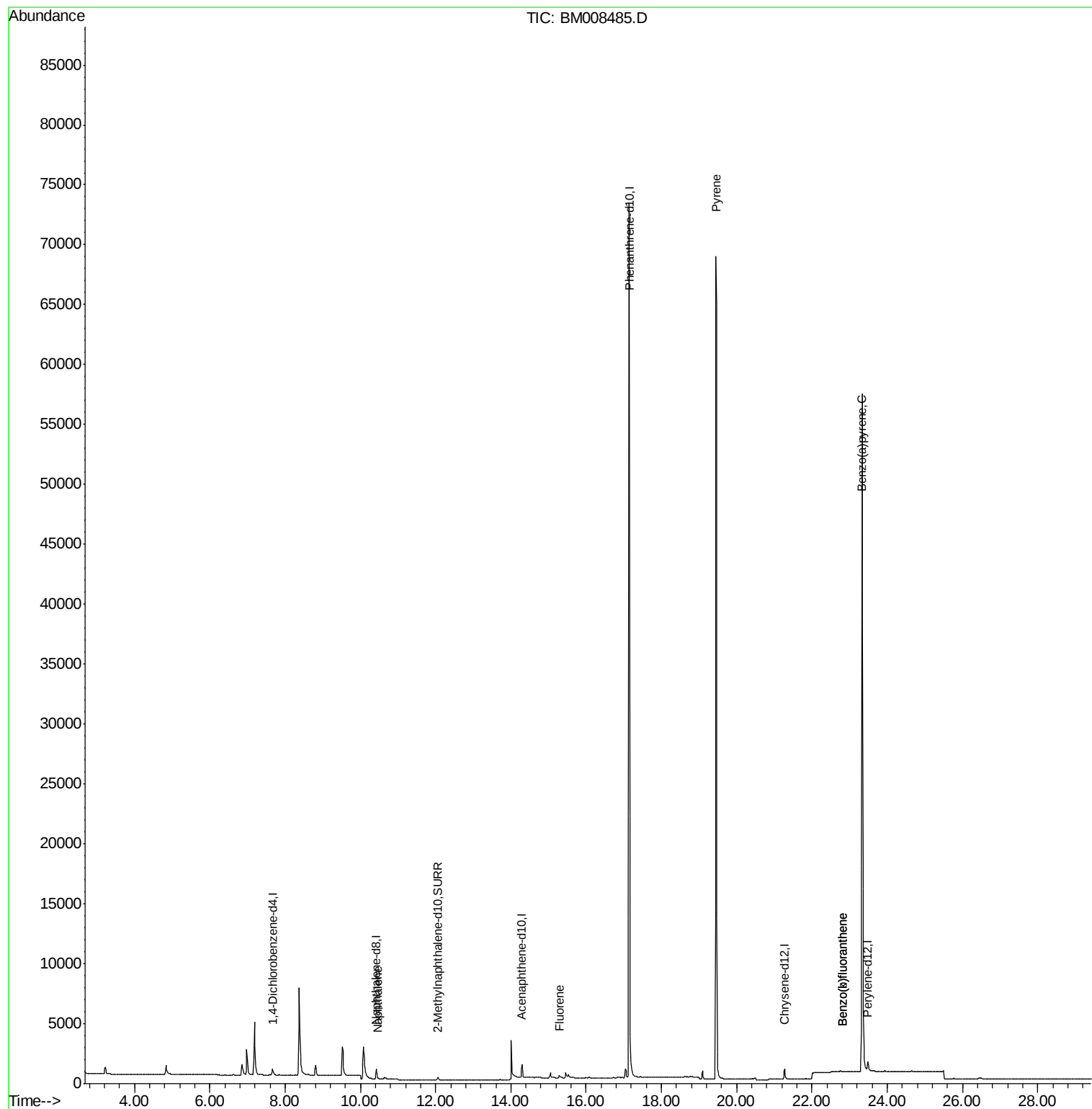
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	398	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.43	136	1278	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	732	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	97264	0.40	ng/ul	0.07
16) Chrysene-d12	21.27	240	1172	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	1478	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	460	0.23	ng/ul	-0.02
14) Fluoranthene-d10	19.10	212	992	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.48	128	139	0.04	ng/ul#	15
9) Fluorene	15.29	166	207	0.07	ng/ul#	38
17) Pyrene	19.45	202	201	0.04	ng/ul#	1
21) Benzo(b)fluoranthene	22.82	252	137	0.02	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	137	0.02	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	414	0.08	ng/ul#	21

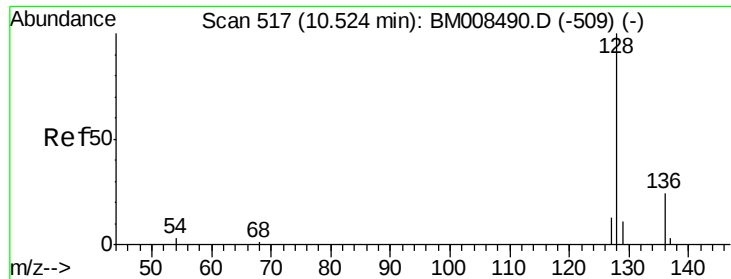
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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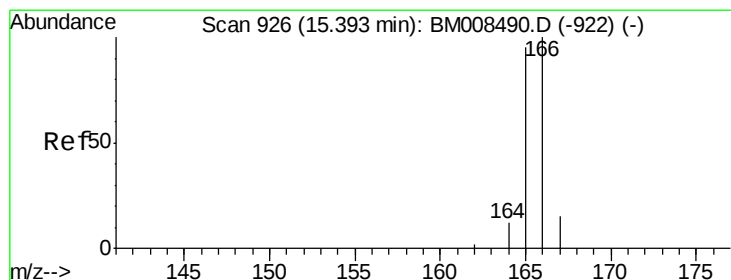
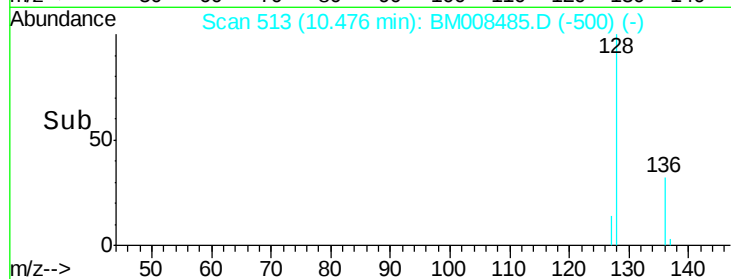
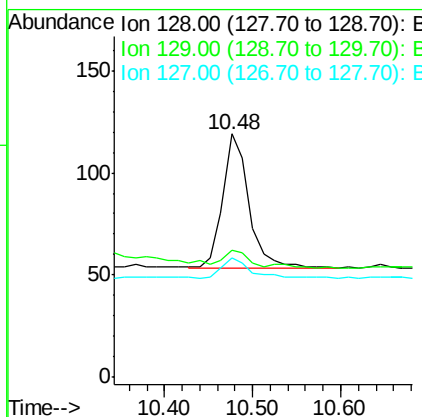
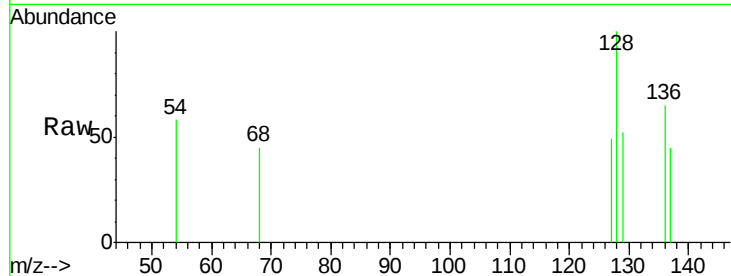




#3
Naphthalene
Concen: 0.04 ng/ul
RT: 10.48 min Scan# 513
Delta R.T. -0.05 min
Lab File: BM008485.D
Acq: 20 Dec 2016 18:42

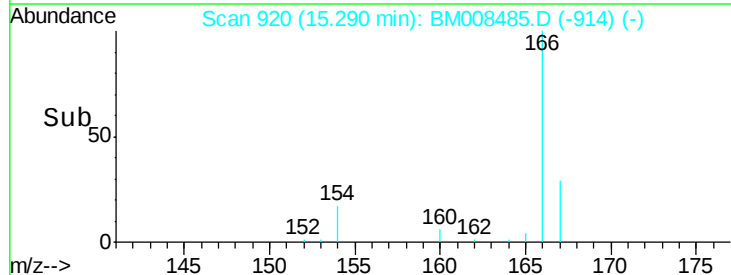
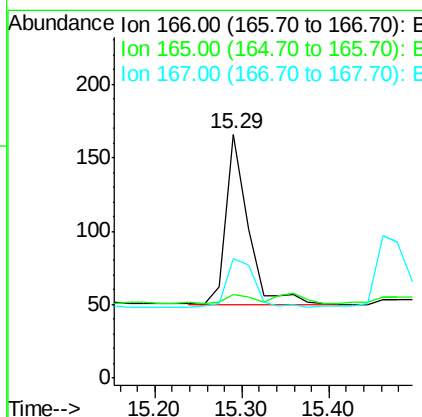
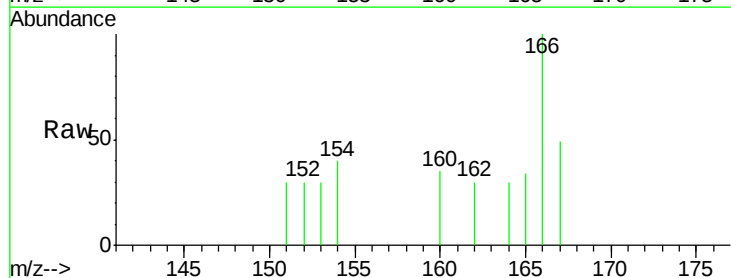
Instrument :
BNA_M
ClientSampleId :
DA8S2

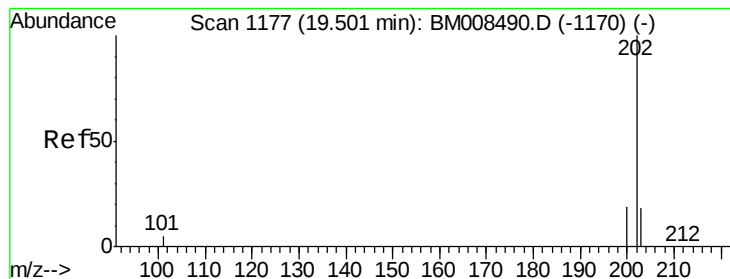
Tgt Ion:128 Resp: 139
Ion Ratio Lower Upper
128 100
129 52.1 11.3 16.9#
127 48.7 12.8 19.2#



#9
Fluorene
Concen: 0.07 ng/ul
RT: 15.29 min Scan# 920
Delta R.T. -0.10 min
Lab File: BM008485.D
Acq: 20 Dec 2016 18:42

Tgt Ion:166 Resp: 207
Ion Ratio Lower Upper
166 100
165 34.3 73.4 110.2#
167 48.8 14.6 22.0#





#17

Pyrene

Concen: 0.04 ng/ul

RT: 19.45 min Scan# 1173

Delta R.T. -0.05 min

Lab File: BM008485.D

Acq: 20 Dec 2016 18:42

Instrument :

BNA_M

ClientSampleId :

DA8S2

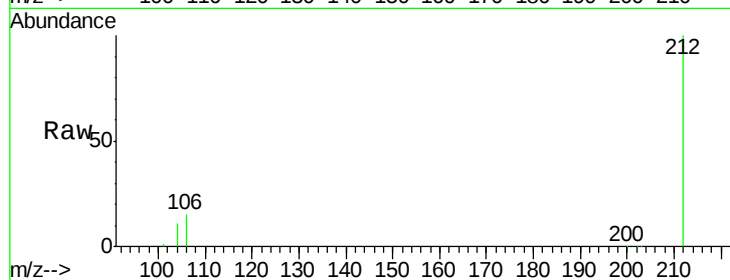
Tgt Ion: 202 Resp: 201

Ion Ratio Lower Upper

202 100

200 34.0 18.2 27.4#

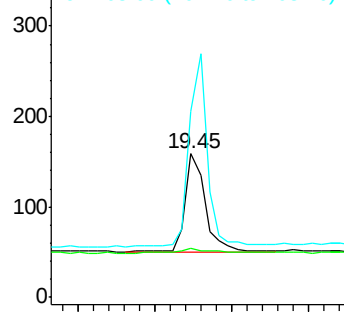
203 129.6 15.6 23.4#



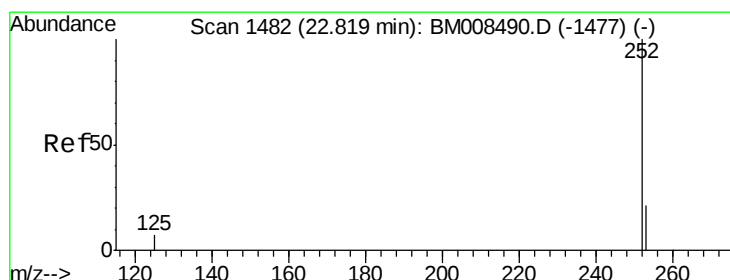
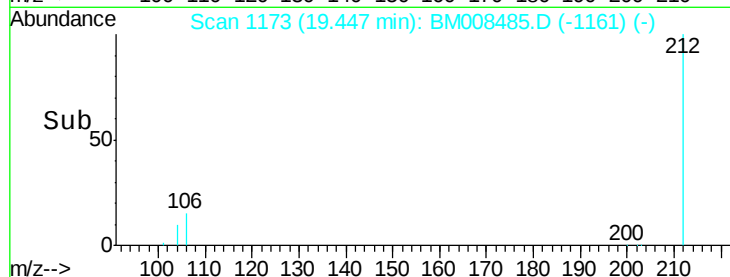
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.30 19.40 19.50 19.60



#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BM008485.D

Acq: 20 Dec 2016 18:42

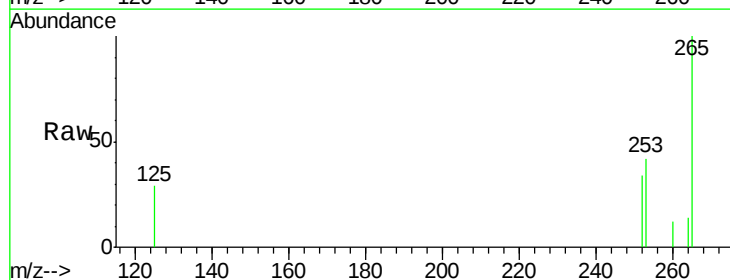
Tgt Ion: 252 Resp: 137

Ion Ratio Lower Upper

252 100

253 123.8 0.0 64.2#

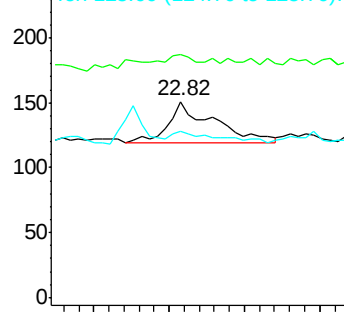
125 84.8 0.0 35.0#



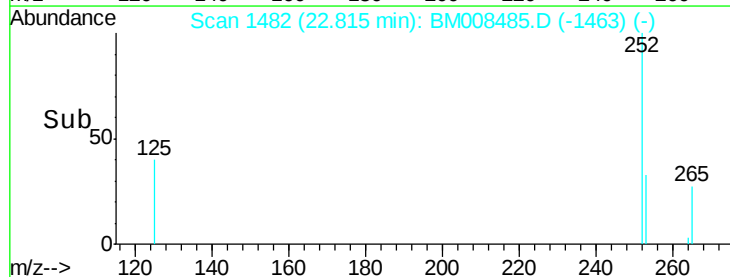
Abundance Ion 252.00 (251.70 to 252.70): E

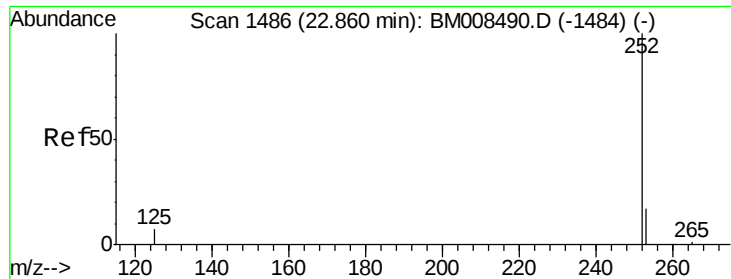
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.70 22.80 22.90 23.00





#22

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.05 min

Lab File: BM008485.D

Acq: 20 Dec 2016 18:42

Instrument :

BNA_M

ClientSampleId :

DA8S2

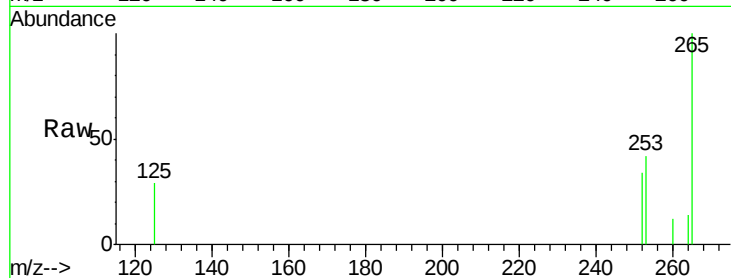
Tgt Ion: 252 Resp: 137

Ion Ratio Lower Upper

252 100

253 123.8 24.5 36.7#

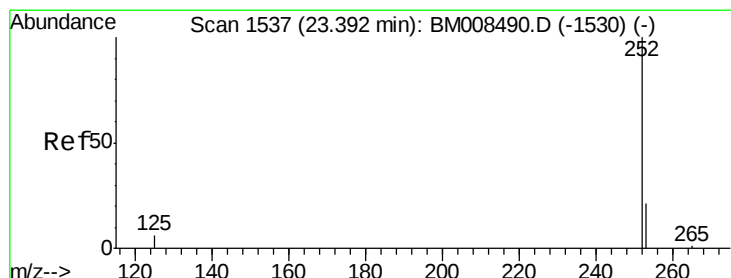
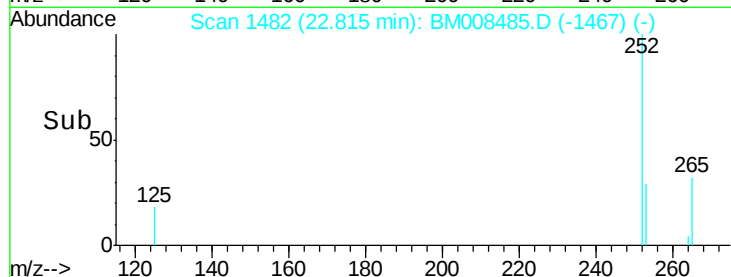
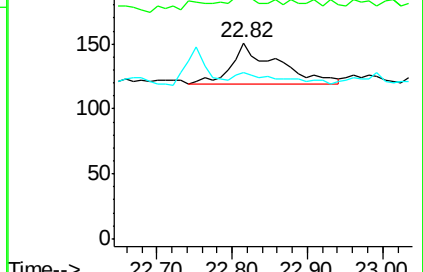
125 84.8 13.7 20.5#



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: 23.33 min Scan# 1531

Delta R.T. -0.07 min

Lab File: BM008485.D

Acq: 20 Dec 2016 18:42

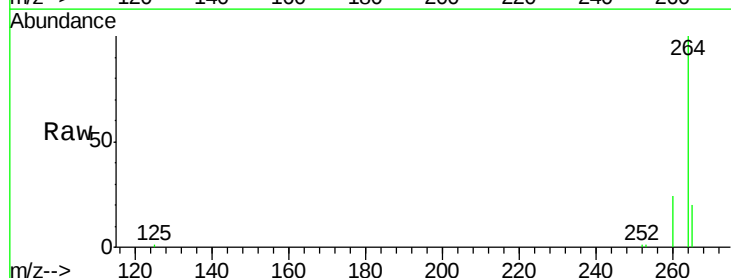
Tgt Ion: 252 Resp: 414

Ion Ratio Lower Upper

252 100

253 79.7 28.5 42.7#

125 63.4 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

