

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121916\
 Data File : BM008456.D
 Acq On : 20 Dec 2016 00:01
 Operator : UM/SJ
 Sample : H5970-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA851

Quant Time: Dec 20 03:45:06 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 03:40:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	356	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.44	136	1218	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.30	164	720	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.14	188	56554	0.40	ng/ul	0.05
16) Chrysene-d12	21.27	240	1254	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	1411	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	339	0.18	ng/ul	-0.04
14) Fluoranthene-d10	19.10	212	685	0.00	ng/ul	-0.02

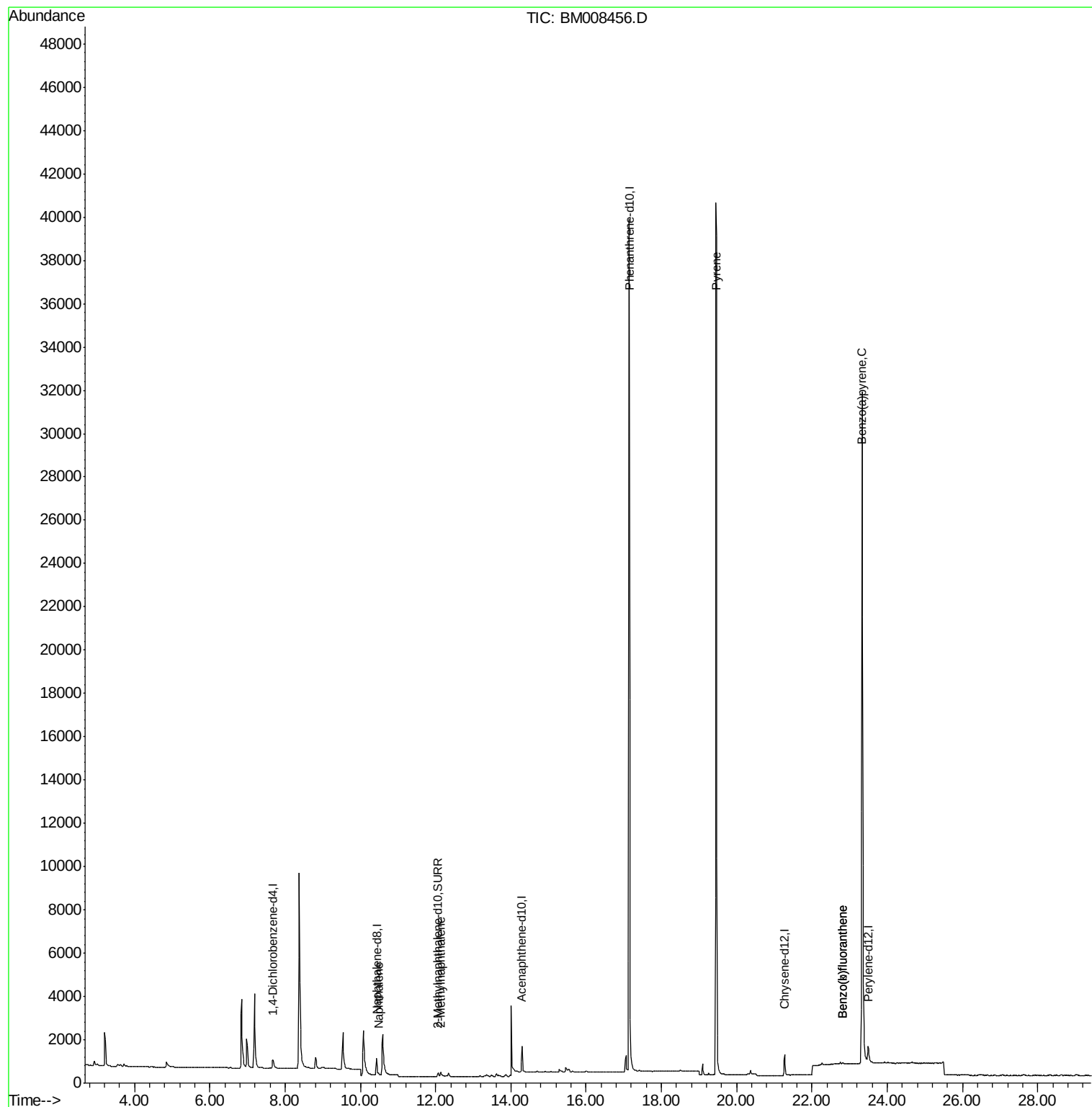
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.49	128	131	0.04	ng/ul#	13
5) 2-Methylnaphthalene	12.13	142	200	0.09	ng/ul	98
17) Pyrene	19.45	202	189	0.04	ng/ul#	1
21) Benzo(b)fluoranthene	22.82	252	136	0.02	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	147	0.03	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	272	0.05	ng/ul#	3

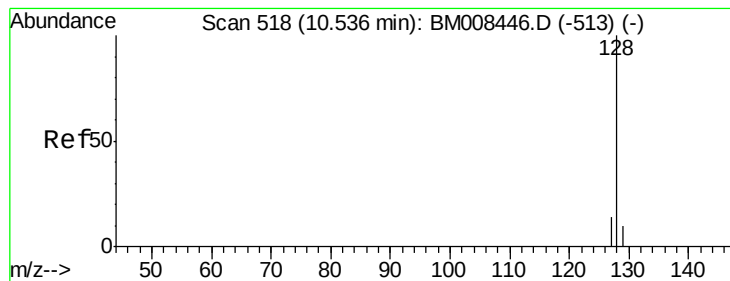
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.49 min Scan# 514

Delta R.T. -0.05 min

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ClientSampleId :

DA851

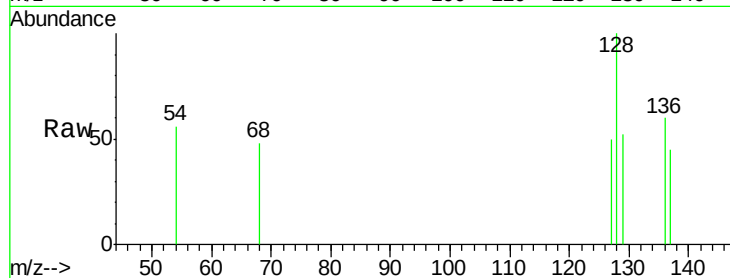
Tgt Ion:128 Resp: 131

Ion Ratio Lower Upper

128 100

129 52.3 11.3 16.9#

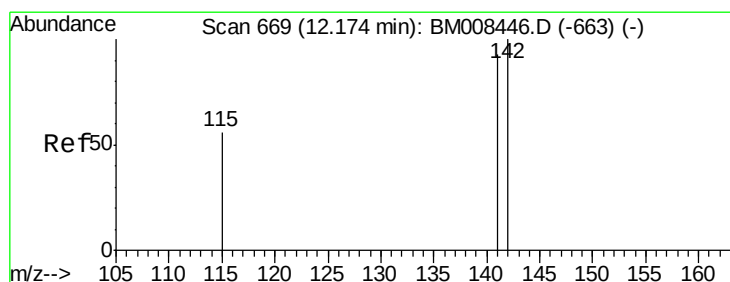
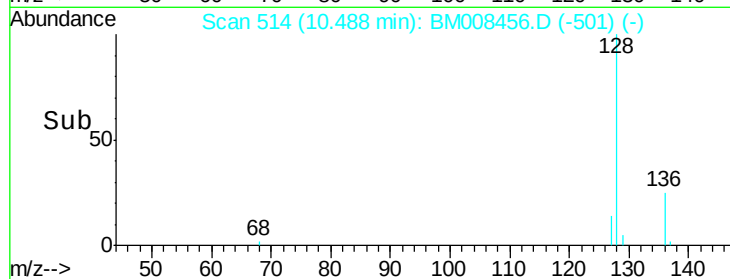
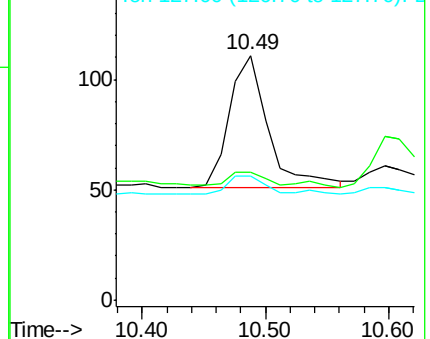
127 50.5 12.8 19.2#



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: 0.09 ng/ul

RT: 12.13 min Scan# 665

Delta R.T. -0.04 min

Lab File: BM008456.D

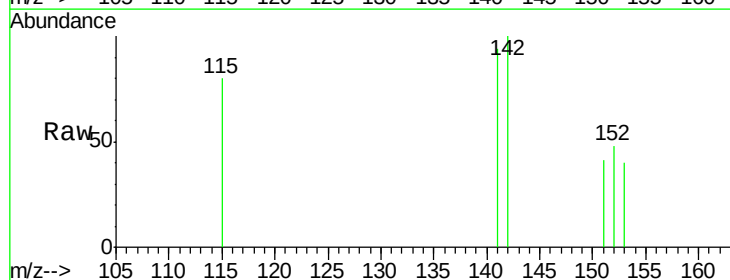
Acq: 20 Dec 2016 00:01

Tgt Ion:142 Resp: 200

Ion Ratio Lower Upper

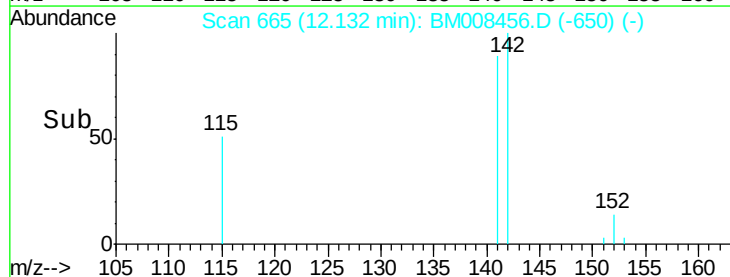
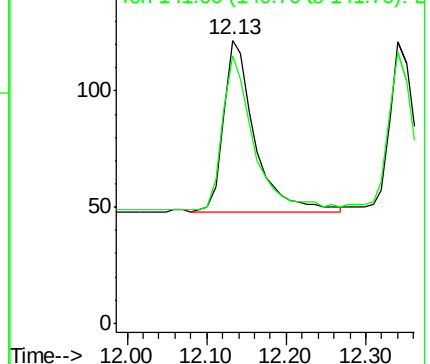
142 100

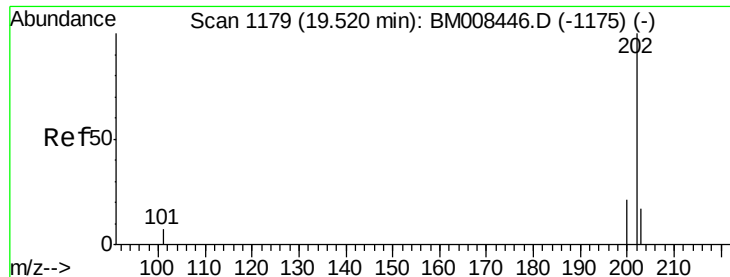
141 88.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#17

Pyrene

Concen: 0.04 ng/ul

RT: 19.45 min Scan# 1173

Delta R.T. -0.07 min

Lab File: BM008456.D

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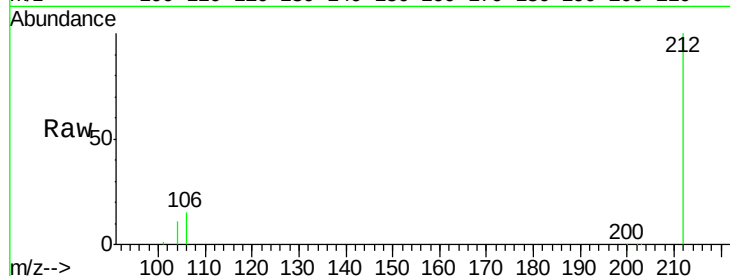
Tgt Ion:202 Resp: 189

Ion Ratio Lower Upper

202 100

200 45.2 18.2 27.4#

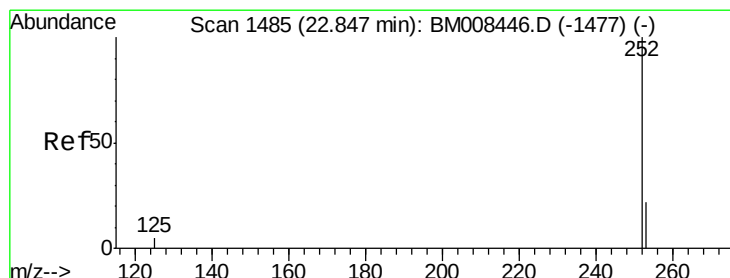
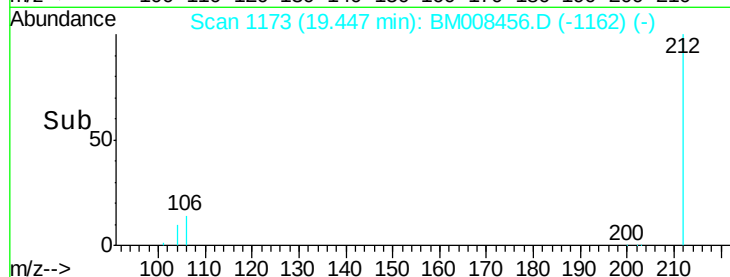
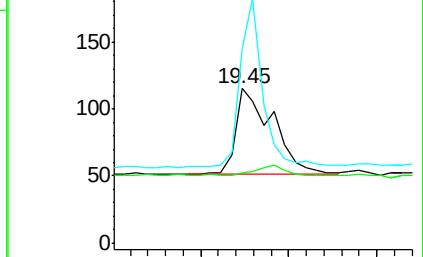
203 126.1 15.6 23.4#



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



#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.82 min Scan# 1482

Delta R.T. -0.03 min

Lab File: BM008456.D

Acq: 20 Dec 2016 00:01

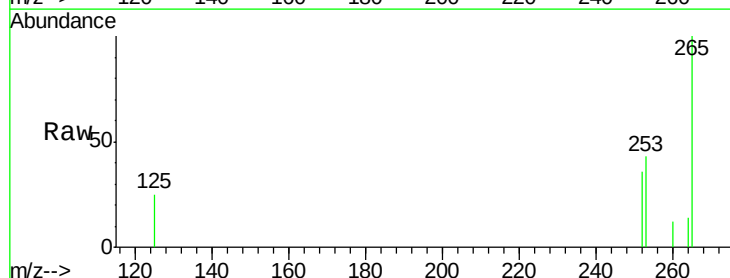
Tgt Ion:252 Resp: 136

Ion Ratio Lower Upper

252 100

253 117.6 0.0 64.2#

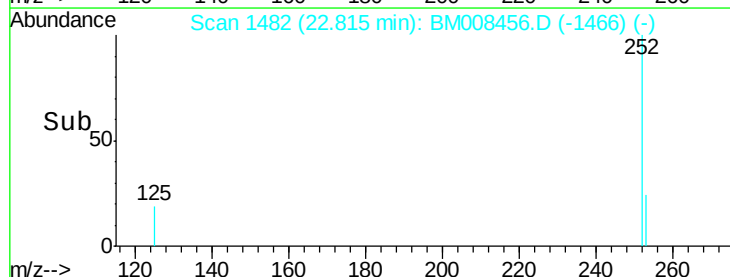
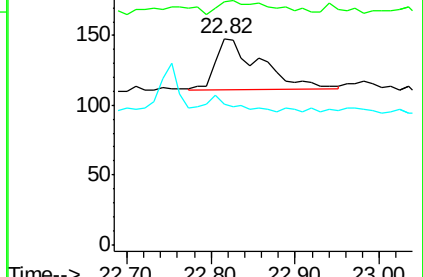
125 68.2 0.0 35.0#

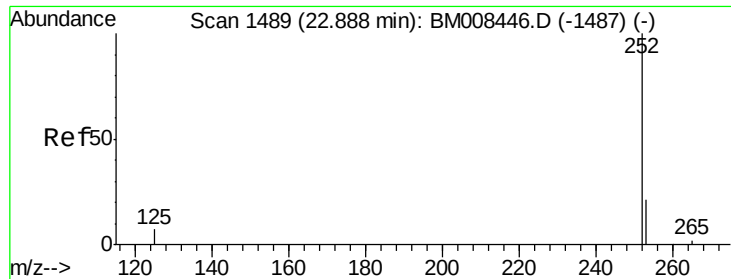


Abundance Ion 252.00 (251.70 to 252.70): E

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. -0.07 min

Lab File: BM008456.D

Acq: 20 Dec 2016 00:01

Instrument :

BNA_M

ClientSampleId :

DA851

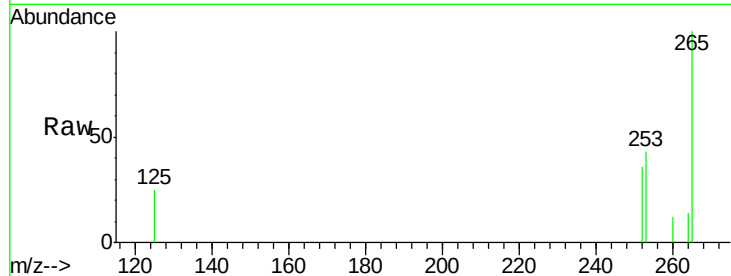
Tgt Ion: 252 Resp: 147

Ion Ratio Lower Upper

252 100

253 117.6 24.5 36.7#

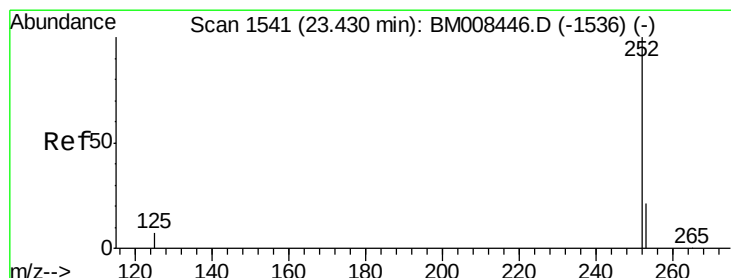
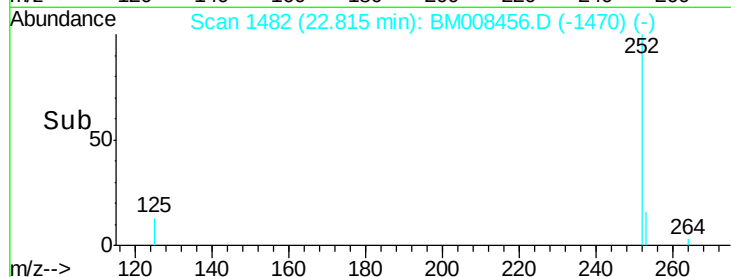
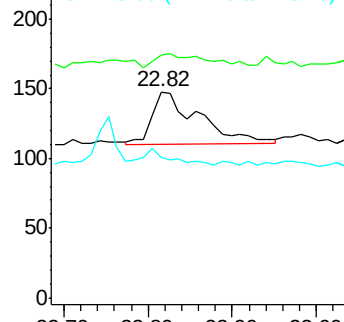
125 68.2 13.7 20.5#



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: 0.05 ng/ul

RT: 23.33 min Scan# 1531

Delta R.T. -0.10 min

Lab File: BM008456.D

Acq: 20 Dec 2016 00:01

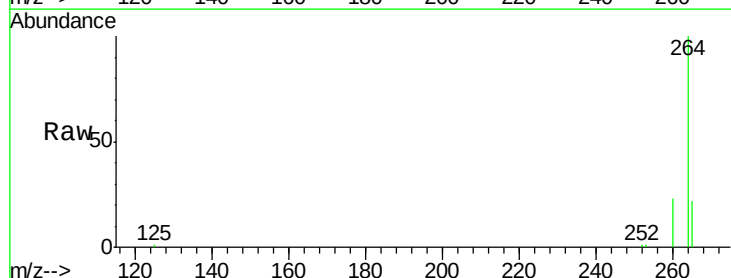
Tgt Ion: 252 Resp: 272

Ion Ratio Lower Upper

252 100

253 95.7 28.5 42.7#

125 65.6 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

