

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008232.D
 Acq On : 10 Dec 2016 15:04
 Operator : UM/SJ
 Sample : H5905-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 12 02:48:40 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 02:45:24 2016
 Response via : Initial Calibration

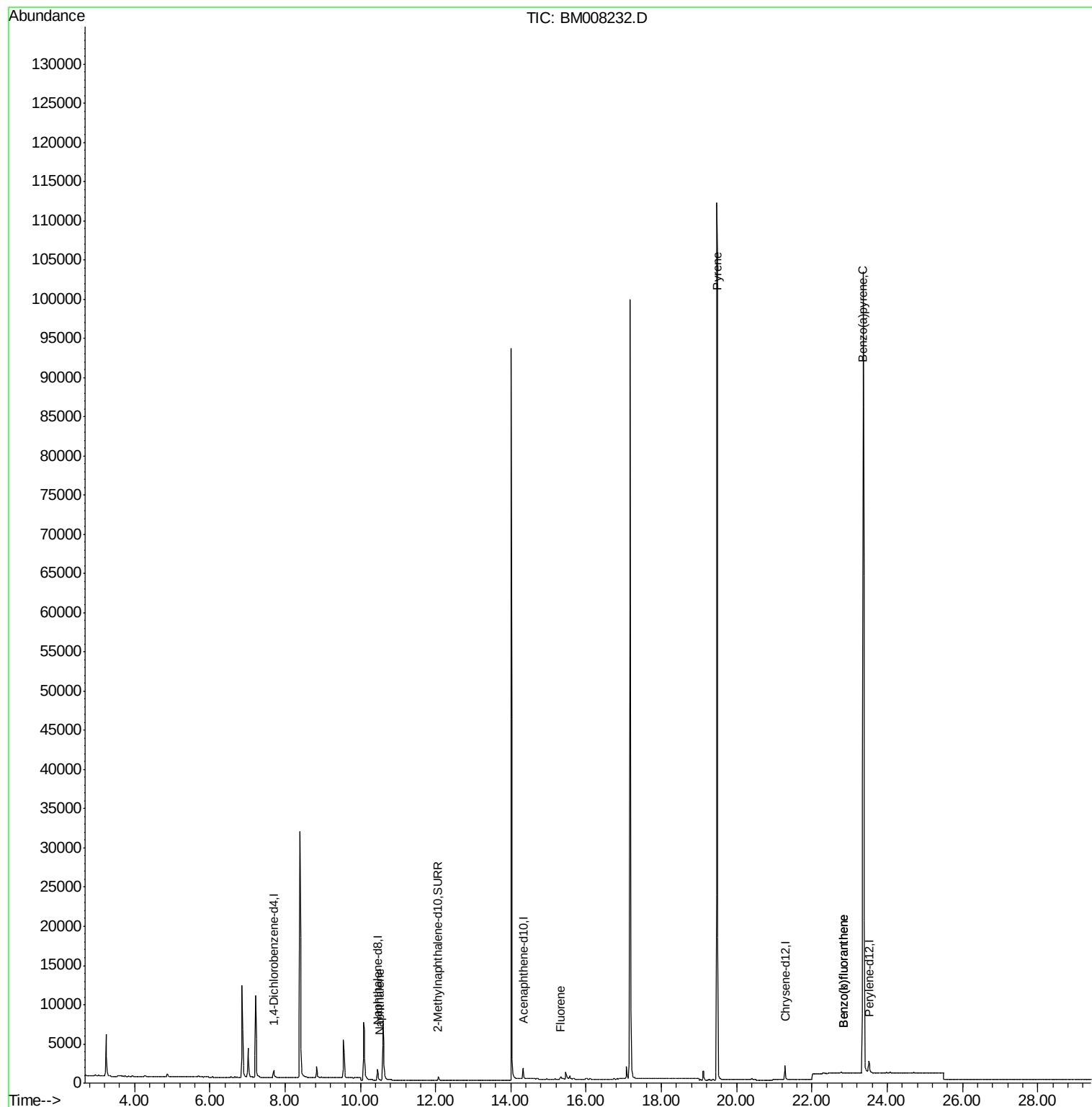
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	610	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	1960	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1118	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.09
16) Chrysene-d12	21.28	240	1955	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	2048	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	875	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.12	212	2024	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.51	128	123	0.02	ng/ul#	11
9) Fluorene	15.32	166	362	0.08	ng/ul#	31
17) Pyrene	19.47	202	403	0.06	ng/ul#	1
21) Benzo(b)fluoranthene	22.84	252	174	0.02	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	169	0.02	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	732	0.10	ng/ul#	35

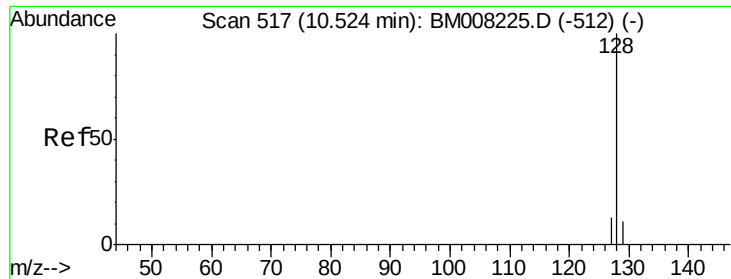
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.51 min Scan# 516

Delta R.T. -0.01 min

Lab File: BM008232.D

Acq: 10 Dec 2016 15:04

Instrument :

BNA_M

ClientSampleId :

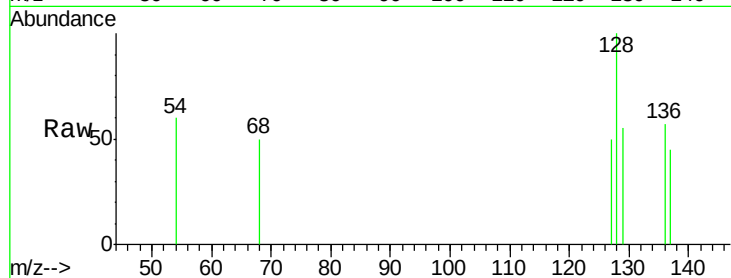
Tot Ion:128 Resp: 123

Ion Ratio Lower Upper

128 100

129 54.6 11.3 16.9#

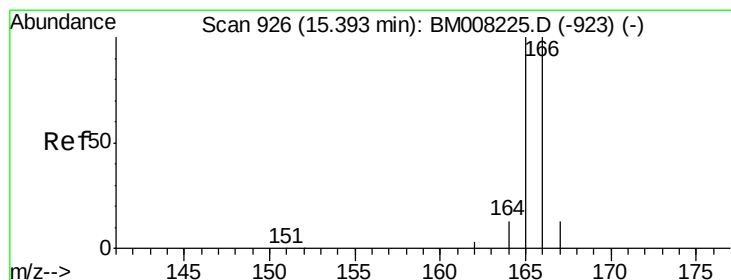
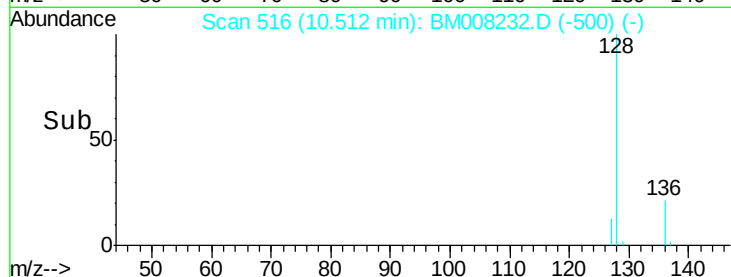
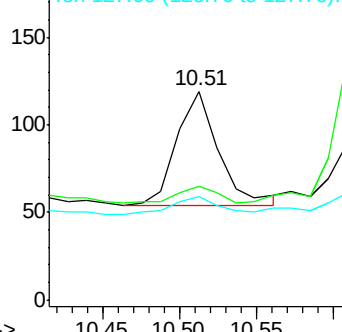
127 49.6 12.8 19.2#



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



#9

Fluorene

Concen: 0.08 ng/ul

RT: 15.32 min Scan# 922

Delta R.T. -0.07 min

Lab File: BM008232.D

Acq: 10 Dec 2016 15:04

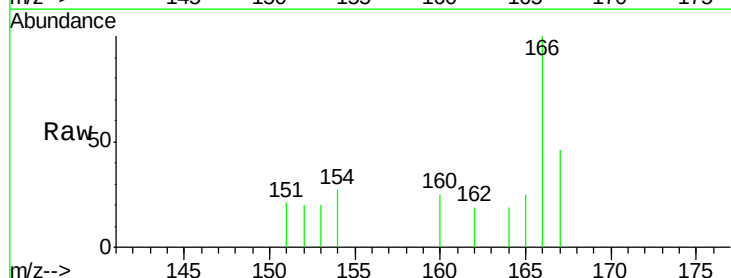
Tgt Ion:166 Resp: 362

Ion Ratio Lower Upper

166 100

165 24.7 73.4 110.2#

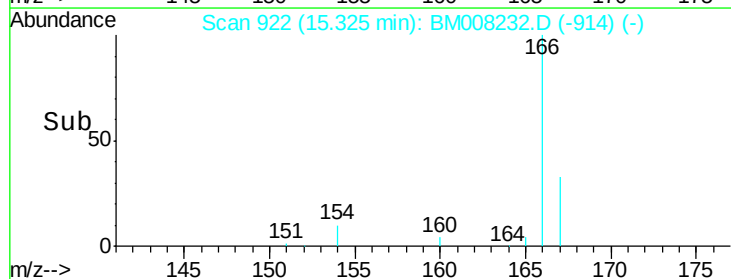
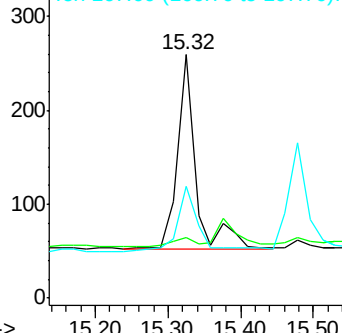
167 45.9 14.6 22.0#

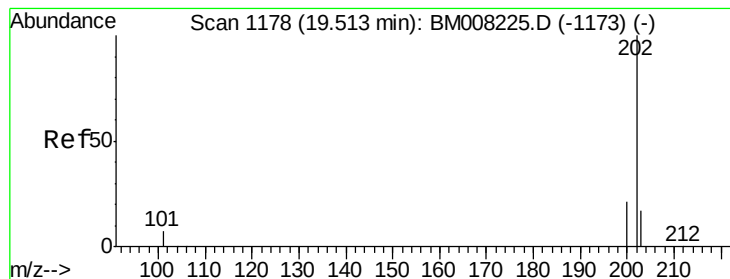


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 0.06 ng/ul

RT: 19.47 min Scan# 1175

Delta R.T. -0.04 min

Lab File: BM008232.D

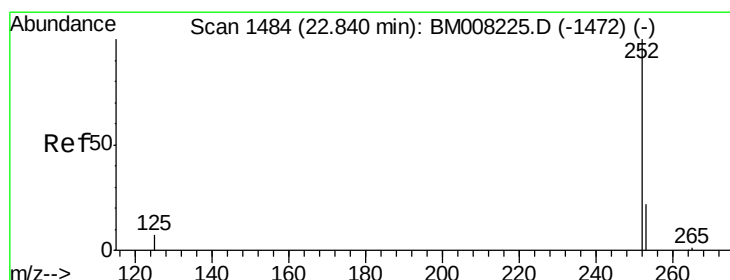
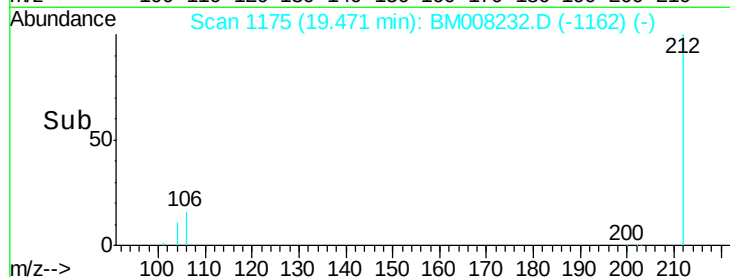
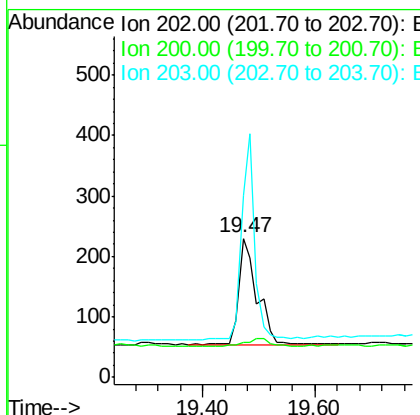
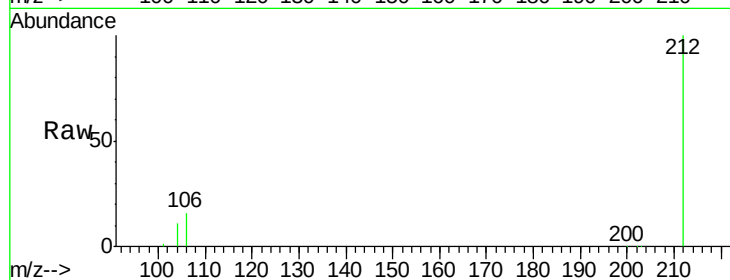
Acq: 10 Dec 2016 15:04

Instrument :

BNA_M

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.2	18.2	27.4
203	130.9	15.6	23.4#



#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

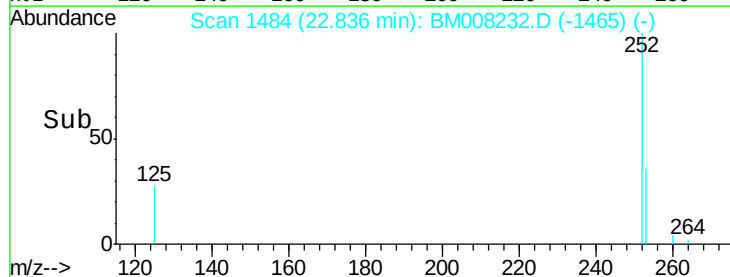
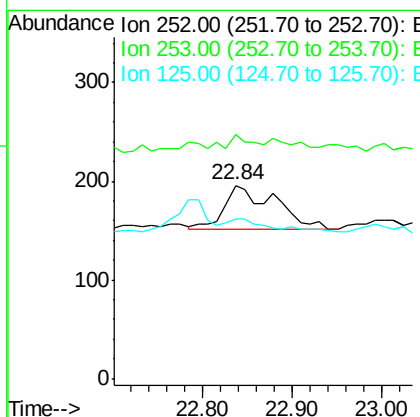
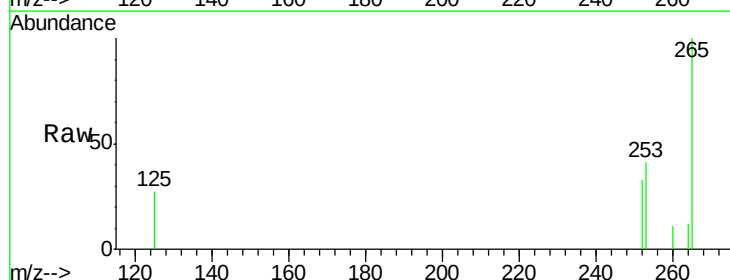
RT: 22.84 min Scan# 1484

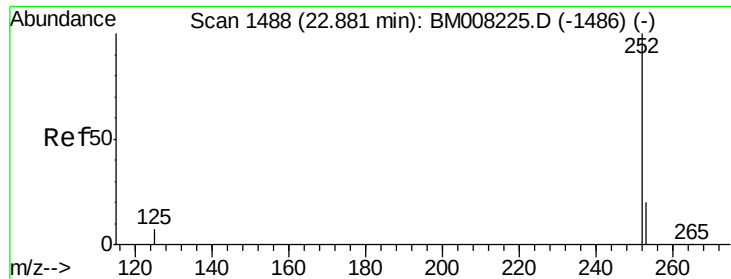
Delta R.T. -0.00 min

Lab File: BM008232.D

Acq: 10 Dec 2016 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	126.0	0.0	64.2#
125	82.7	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.02 ng/ul

RT: 22.84 min Scan# 1484

Delta R.T. -0.05 min

Lab File: BM008232.D

Acq: 10 Dec 2016 15:04

Instrument :

BNA_M

ClientSampleId :

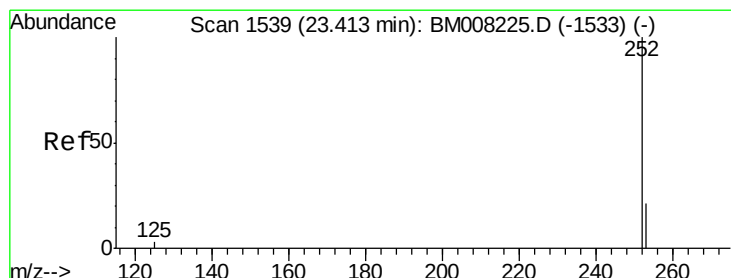
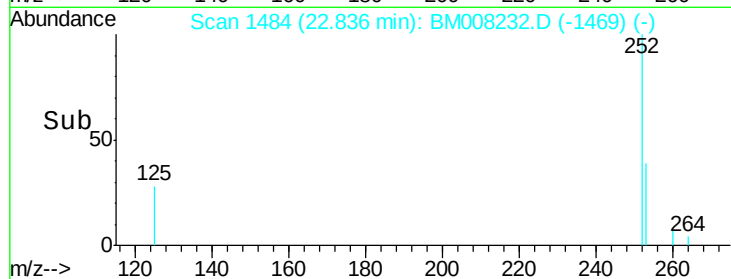
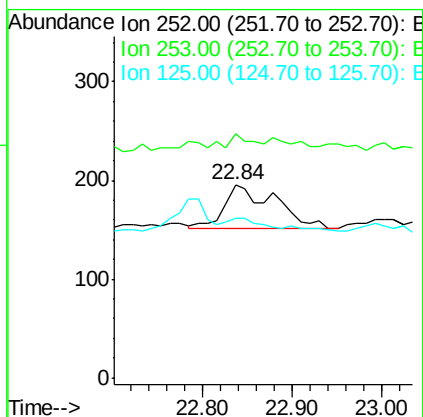
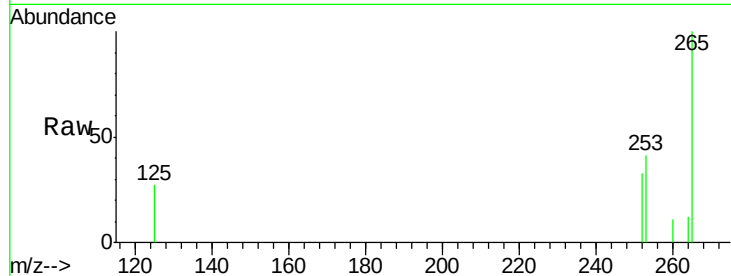
Tot Ion:252 Resp: 169

Ion Ratio Lower Upper

252 100

253 126.0 24.5 36.7#

125 82.7 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.10 ng/ul

RT: 23.36 min Scan# 1534

Delta R.T. -0.06 min

Lab File: BM008232.D

Acq: 10 Dec 2016 15:04

Tgt Ion:252 Resp: 732

Ion Ratio Lower Upper

252 100

253 69.2 28.5 42.7#

125 60.0 18.1 27.1#

