

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
 Data File : BM008524.D
 Acq On : 21 Dec 2016 19:24
 Operator : UM/SJ
 Sample : H6040-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8X2

Quant Time: Dec 22 00:28:45 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 00:24:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	417	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.44	136	1370	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.30	164	854	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.14	188	126944	0.40	ng/ul	0.05
16) Chrysene-d12	21.26	240	1521	0.40	ng/ul	-0.02
20) Perylene-d12	23.34	264	99455	0.40	ng/ul	-0.18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	590	0.28	ng/ul	-0.07
14) Fluoranthene-d10	19.08	212	1385	0.00	ng/ul	-0.04

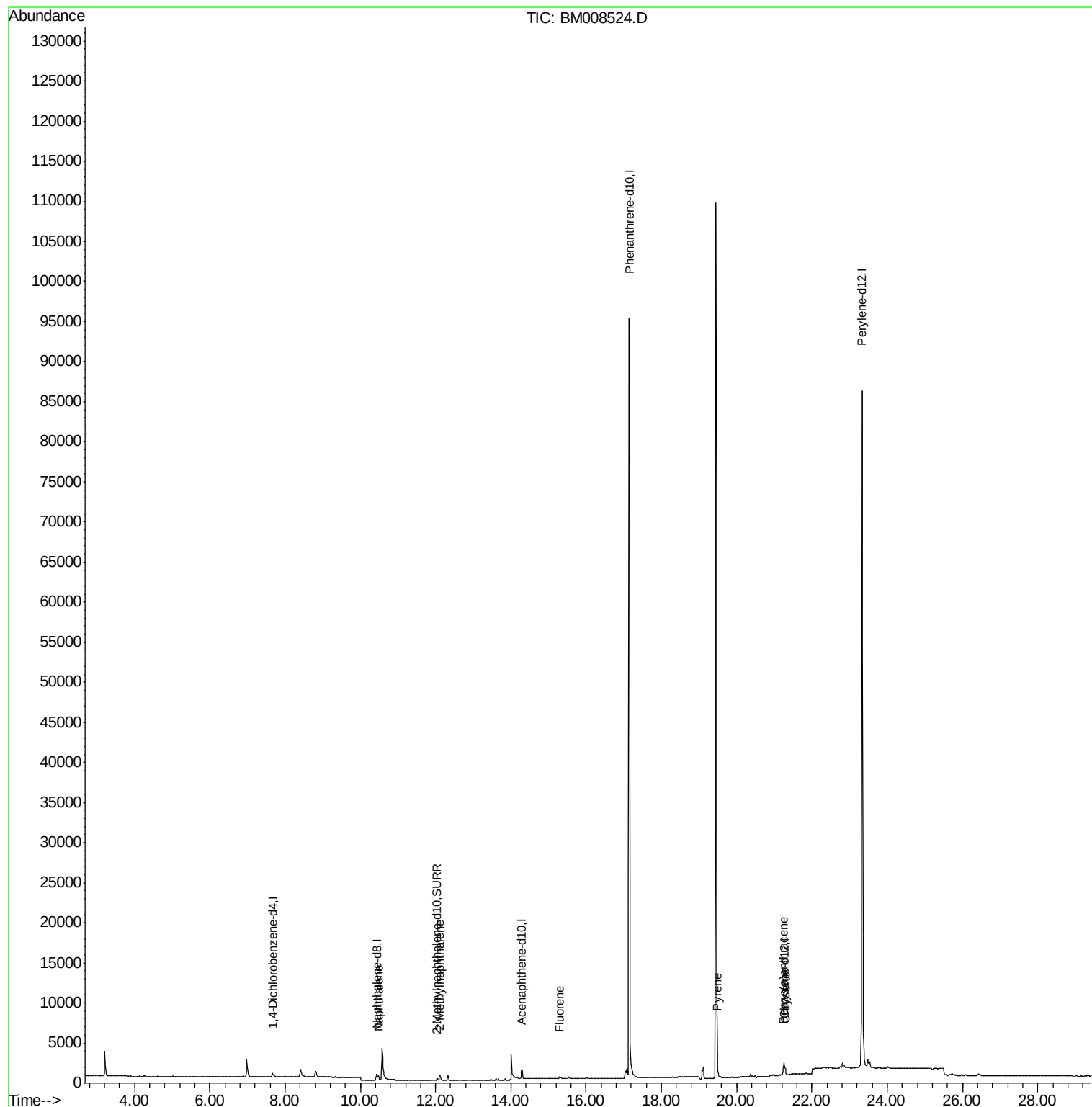
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.49	128	928	0.24	ng/ul#	84
5) 2-Methylnaphthalene	12.11	142	800	0.31	ng/ul	99
9) Fluorene	15.29	166	309	0.09	ng/ul#	37
17) Pyrene	19.48	202	1547	0.26	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	700	0.14	ng/ul#	43
19) Chrysene	21.29	228	909	0.17	ng/ul#	57

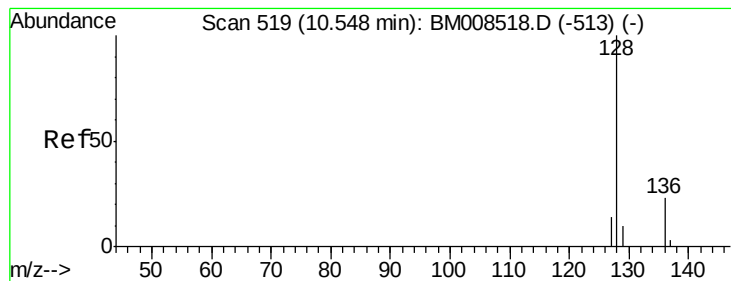
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.24 ng/ul

RT: 10.49 min Scan# 514

Delta R.T. -0.06 min

Lab File: BM008524.D

Acq: 21 Dec 2016 19:24

Instrument :

BNA_M

ClientSampleId :

DA8X2

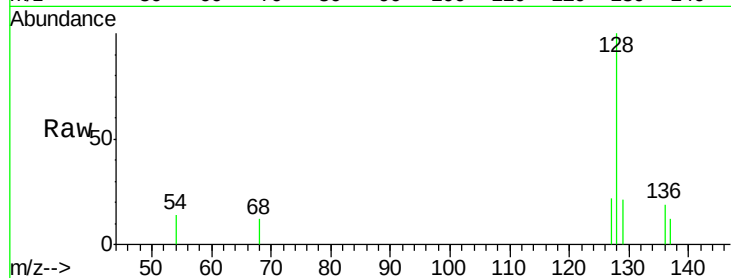
Tgt Ion:128 Resp: 928

Ion Ratio Lower Upper

128 100

129 21.3 11.3 16.9#

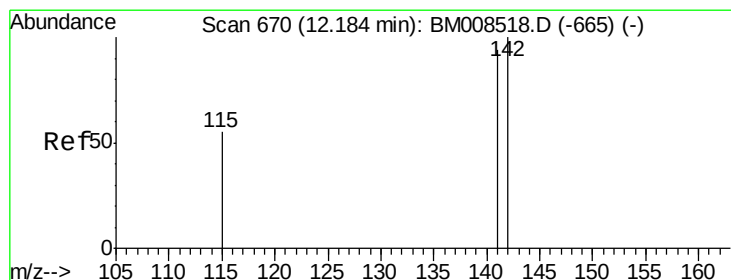
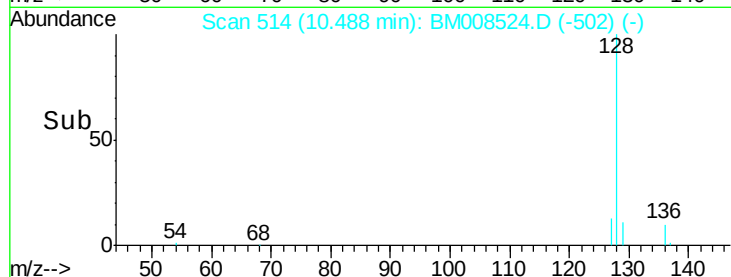
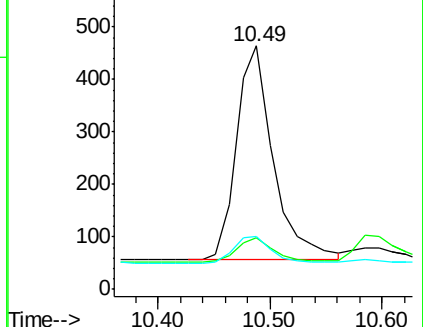
127 21.8 12.8 19.2#



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: 0.31 ng/ul

RT: 12.11 min Scan# 663

Delta R.T. -0.07 min

Lab File: BM008524.D

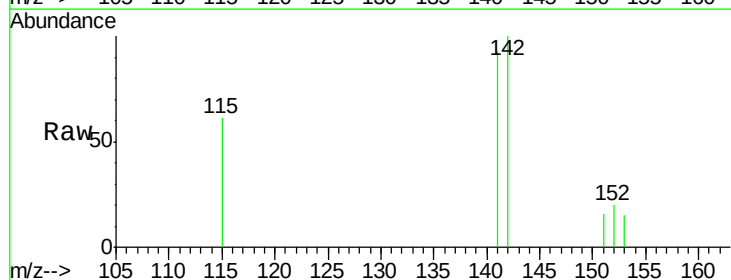
Acq: 21 Dec 2016 19:24

Tgt Ion:142 Resp: 800

Ion Ratio Lower Upper

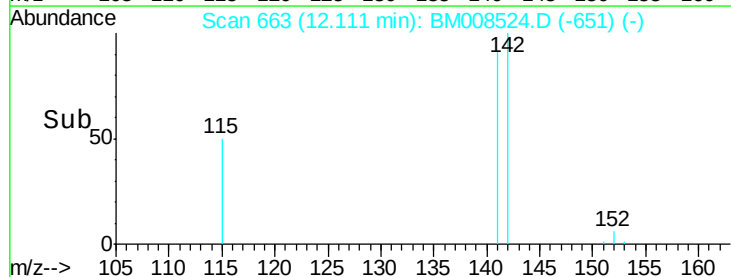
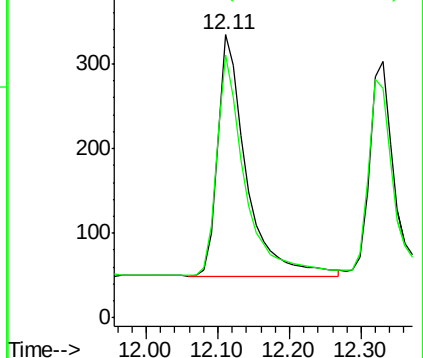
142 100

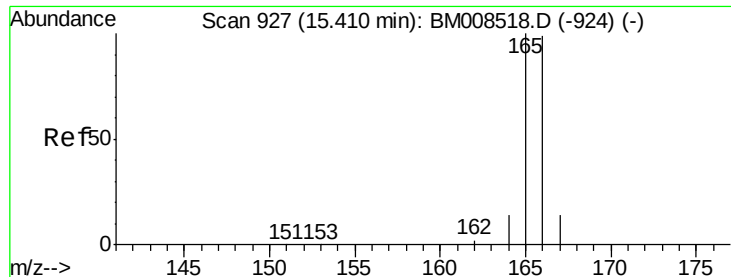
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.09 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.12 min

Lab File: BM008524.D

Acq: 21 Dec 2016 19:24

Instrument :

BNA_M

ClientSampleId :

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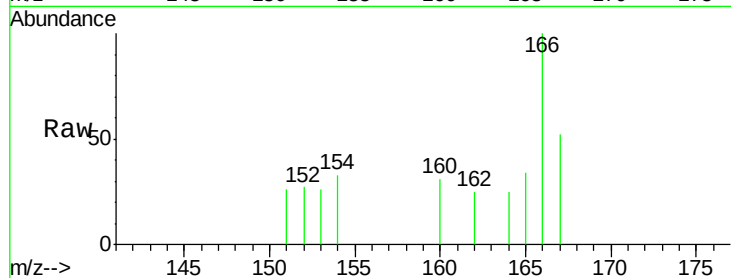
Tgt Ion:166 Resp: 309

Ion Ratio Lower Upper

166 100

165 34.4 73.4 110.2#

167 51.9 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

15.29

200

150

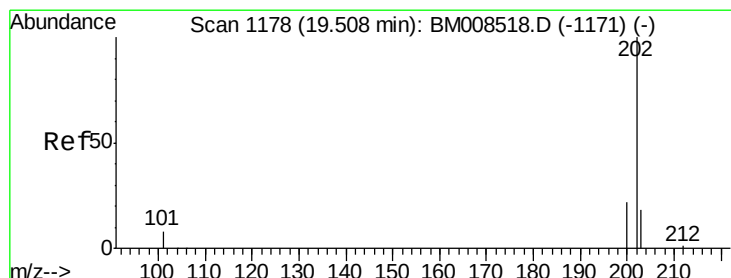
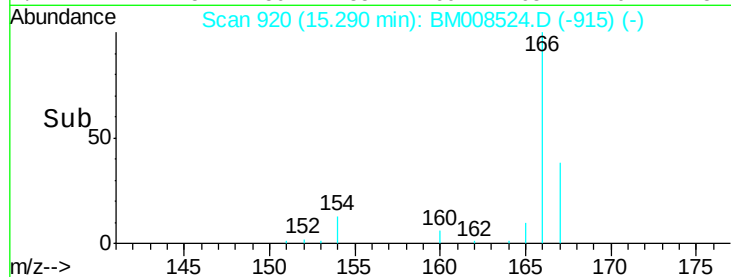
100

50

0

15.20 15.40

Time-->



#17

Pyrene

Concen: 0.26 ng/ul

RT: 19.48 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BM008524.D

Acq: 21 Dec 2016 19:24

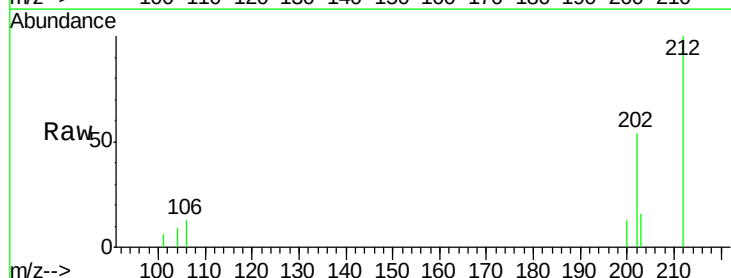
Tgt Ion:202 Resp: 1547

Ion Ratio Lower Upper

202 100

200 24.6 18.2 27.4

203 30.0 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

19.48

1200

1000

800

600

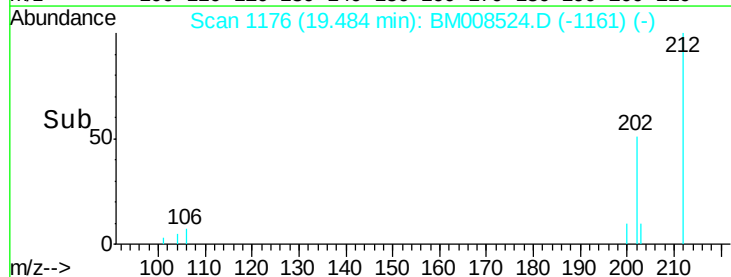
400

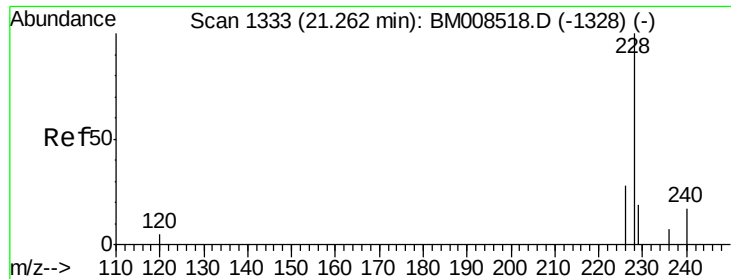
200

0

19.30 19.40 19.50

Time-->





#18

Benzo(a)anthracene

Concen: 0.14 ng/ul

RT: 21.24 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BM008524.D

Acq: 21 Dec 2016 19:24

Instrument :

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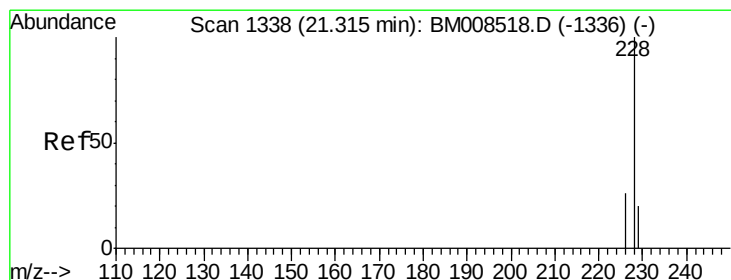
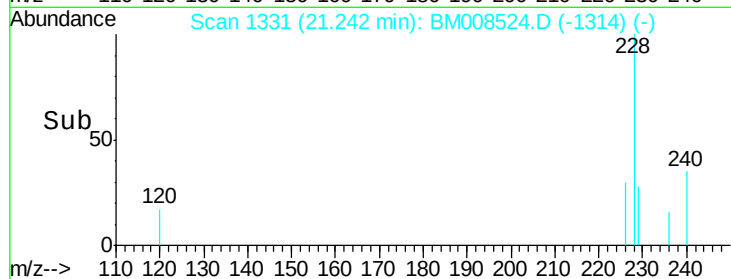
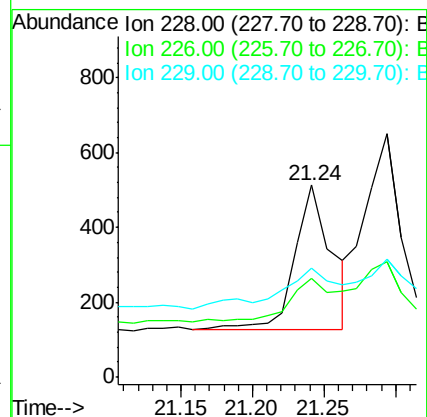
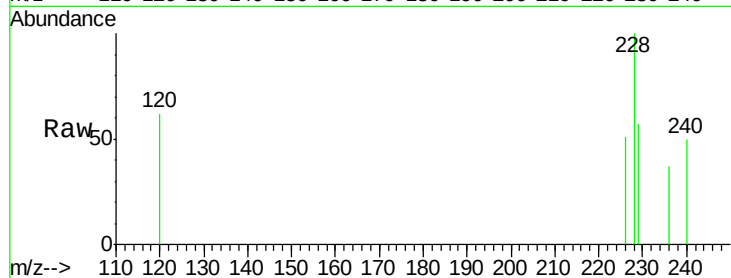
Tgt Ion:228 Resp: 700

Ion Ratio Lower Upper

228 100

226 51.5 22.8 34.2#

229 56.7 17.0 25.6#



#19

Chrysene

Concen: 0.17 ng/ul

RT: 21.29 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BM008524.D

Acq: 21 Dec 2016 19:24

Tgt Ion:228 Resp: 909

Ion Ratio Lower Upper

228 100

226 47.7 23.4 35.0#

229 48.5 17.7 26.5#

