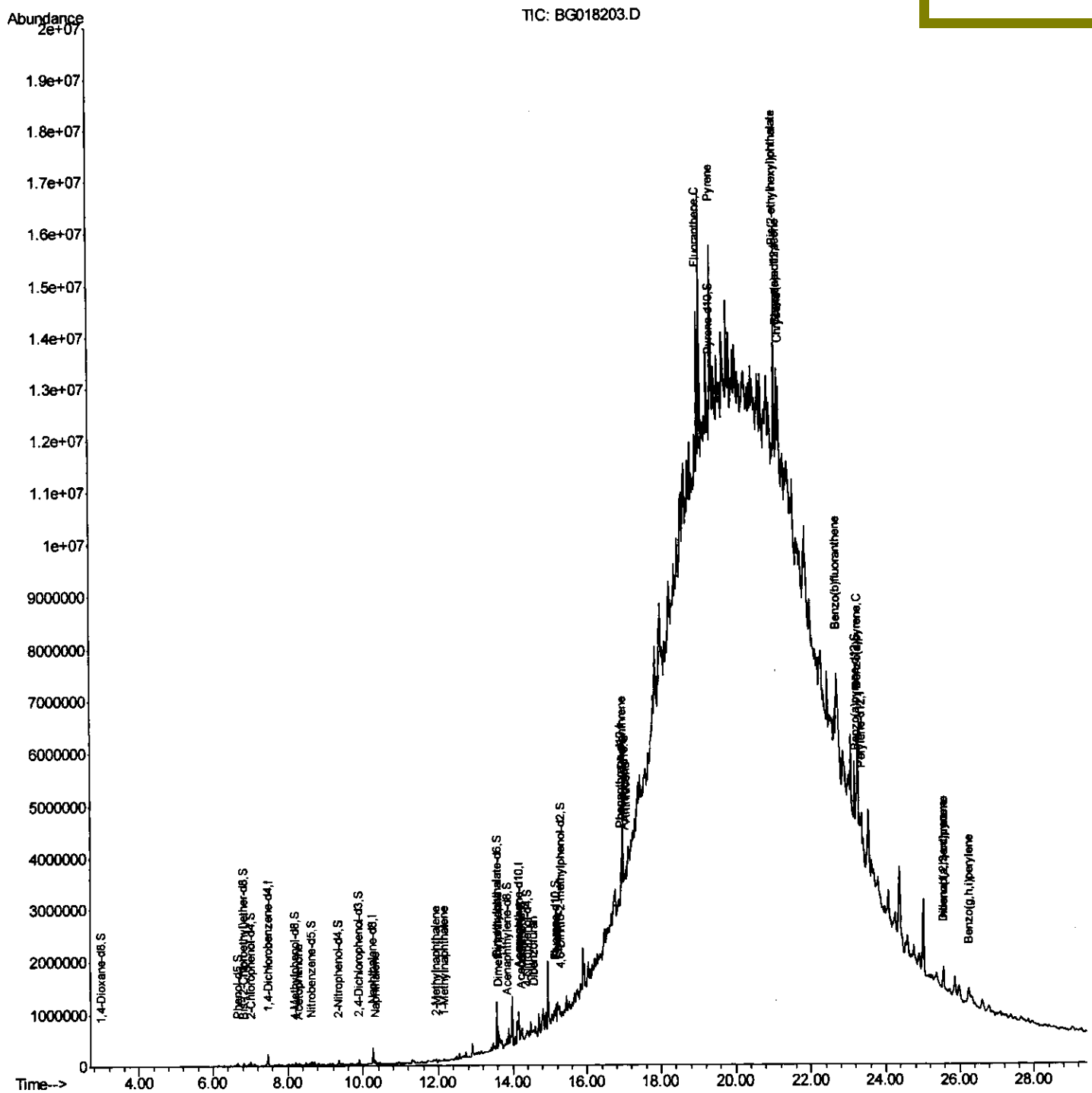
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:59:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM

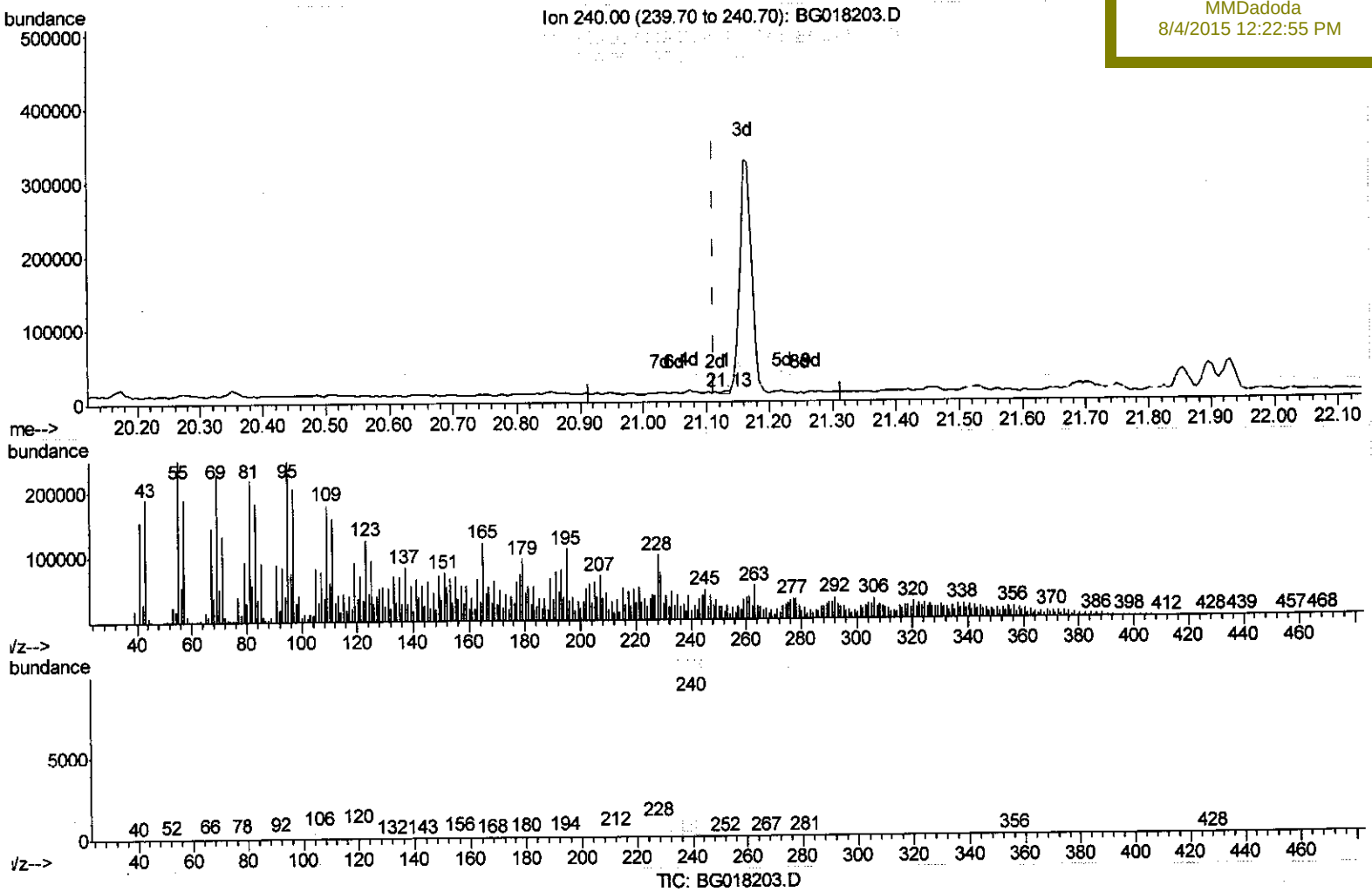


Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:51:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(78) Chrysene-d12 (I)

21.132min (+0.018) 20.00ng/ul

response 3052

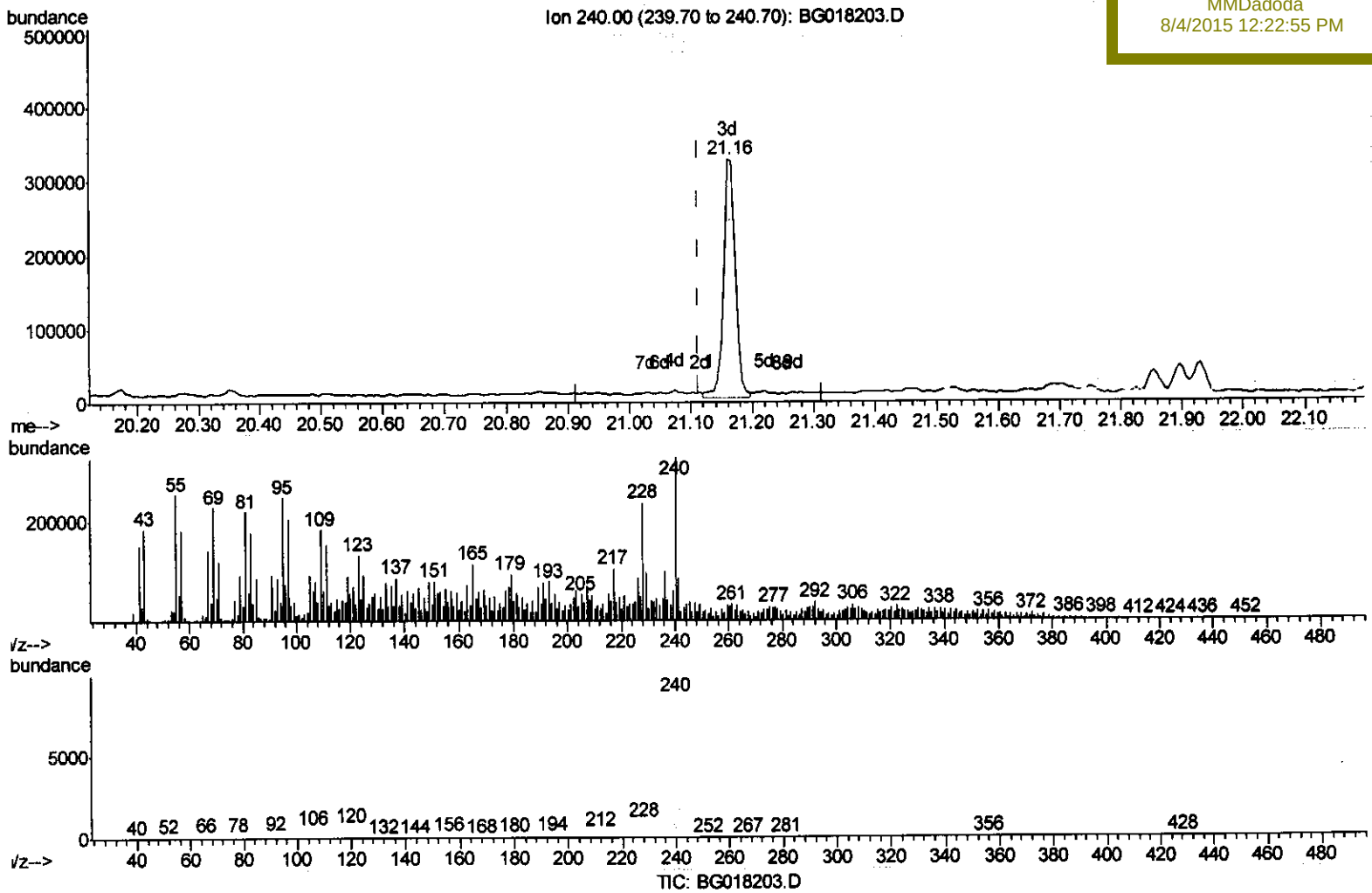
Ion	Exp%	Act%
240.00	100	100
120.00	9.70	245.65#
236.00	24.90	141.10#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 18:09:38 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



TIC: BG018203.D

(78) Chrysene-d12 (I)

21.161min (+0.048) 20.00ng/ul m > U.M 8/11/15

response 440151

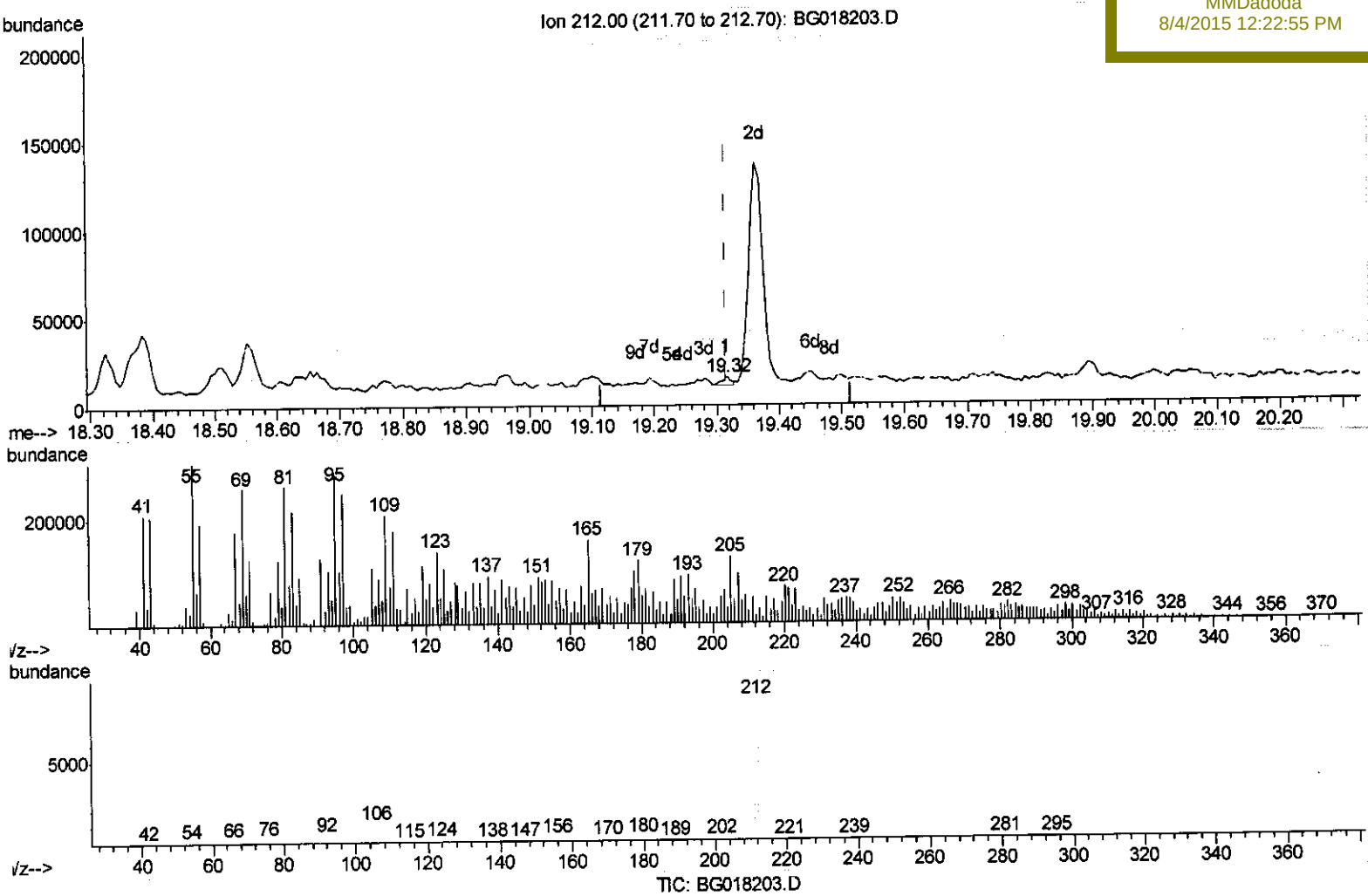
Ion	Exp%	Act%
240.00	100	100
120.00	9.70	17.37#
236.00	24.90	30.23#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:53:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



TIC: BG018203.D

(79) Pyrene-d10 (S)

19.316min (+0.001) 0.26ng/ul

response 5483

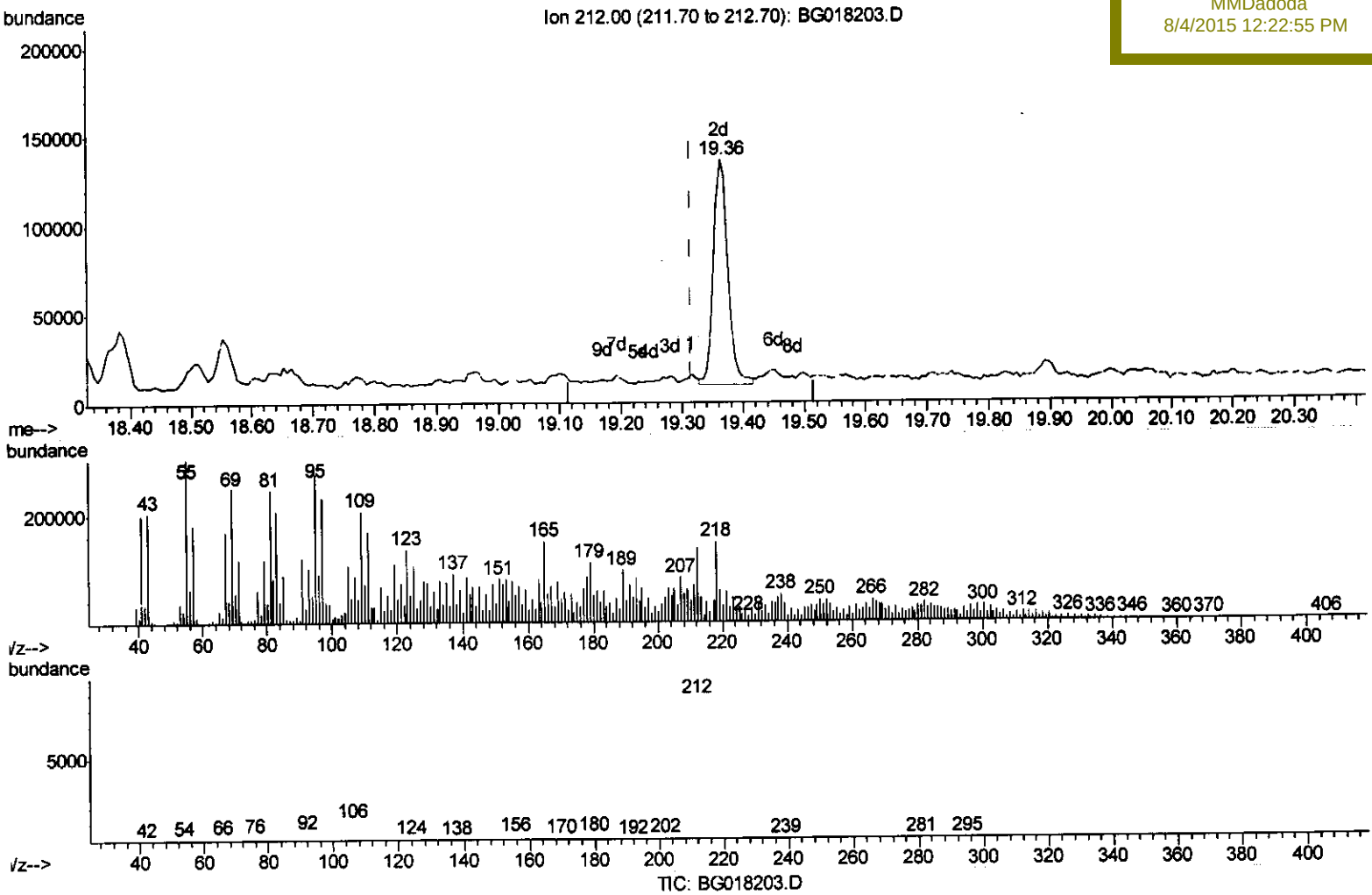
Ion	Exp%	Act%
212.00	100	100
106.00	11.40	235.46#
104.00	7.60	102.19#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:53:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



TIC: BG018203.D

(79) Pyrene-d10 (S)

19.363min (+0.048) 9.81ng/ul m > U.M 8/11/15

response 208889

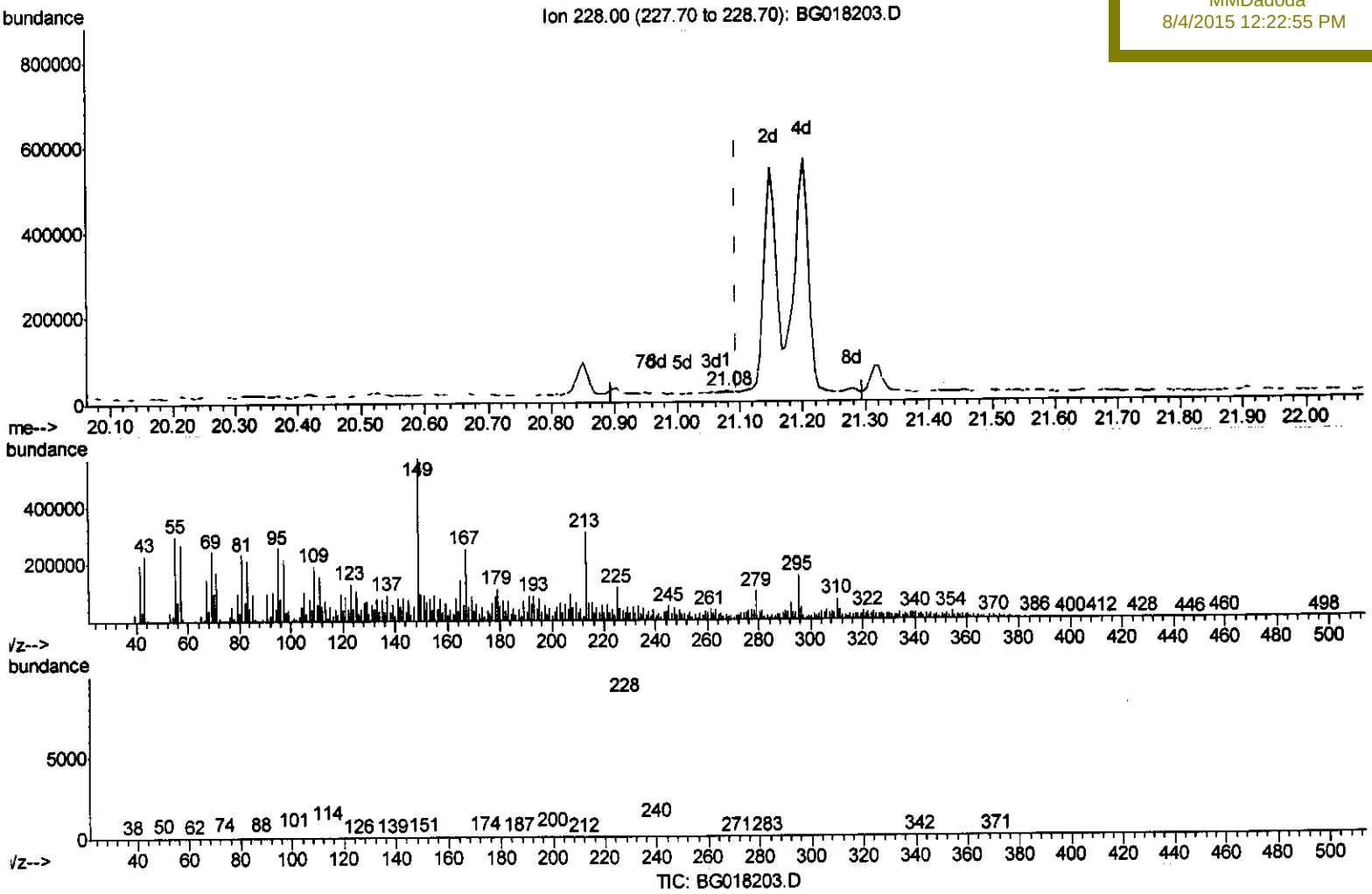
Ion	Exp%	Act%
212.00	100	100
106.00	11.40	32.99#
104.00	7.60	15.64#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:53:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(83) Benzo(a)anthracene

21.079min (-0.017) 0.30ng/ul

response 7150

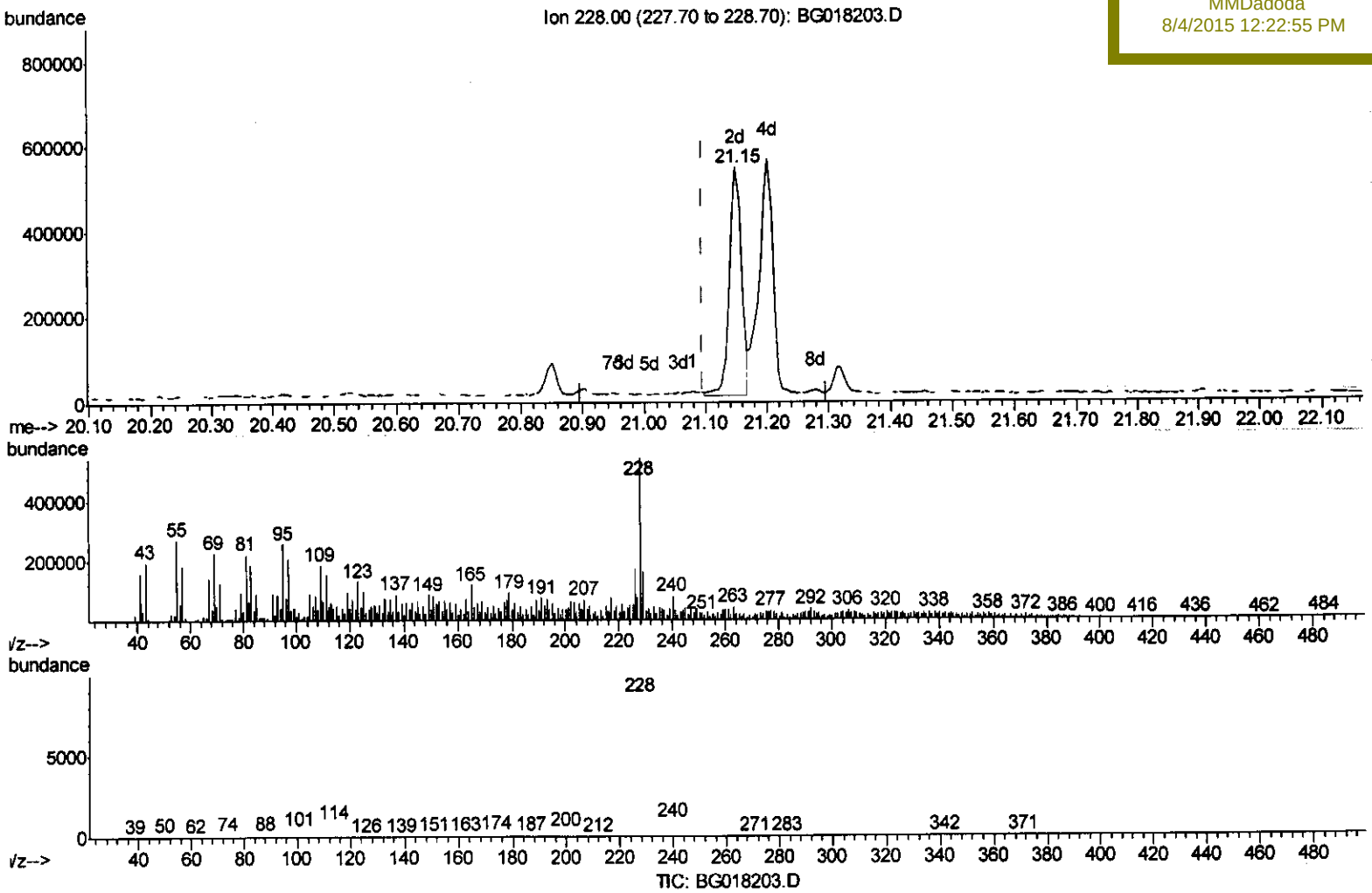
Ion	Exp%	Act%
228.00	100	100
229.00	20.60	181.69#
226.00	26.90	156.77#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:53:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(83) Benzo(a)anthracene

21.149min (+0.054) 31.29ng/ul m > U.M 8/11/15

response 741646

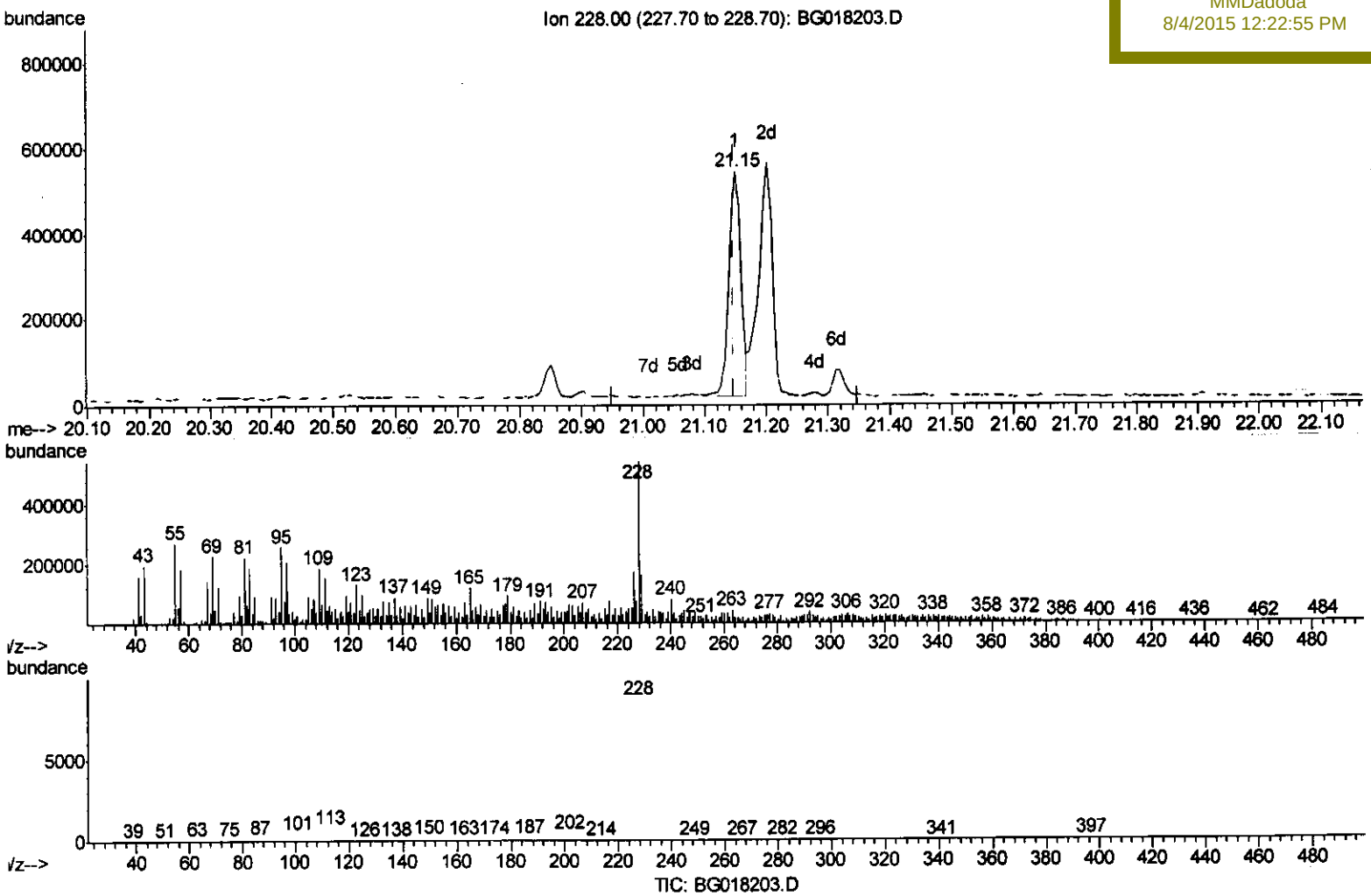
Ion	Exp%	Act%
228.00	100	100
229.00	20.60	29.47#
226.00	26.90	31.50
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:53:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(85) Chrysene

21.149min (+0.001) 33.20ng/ul

response 720889

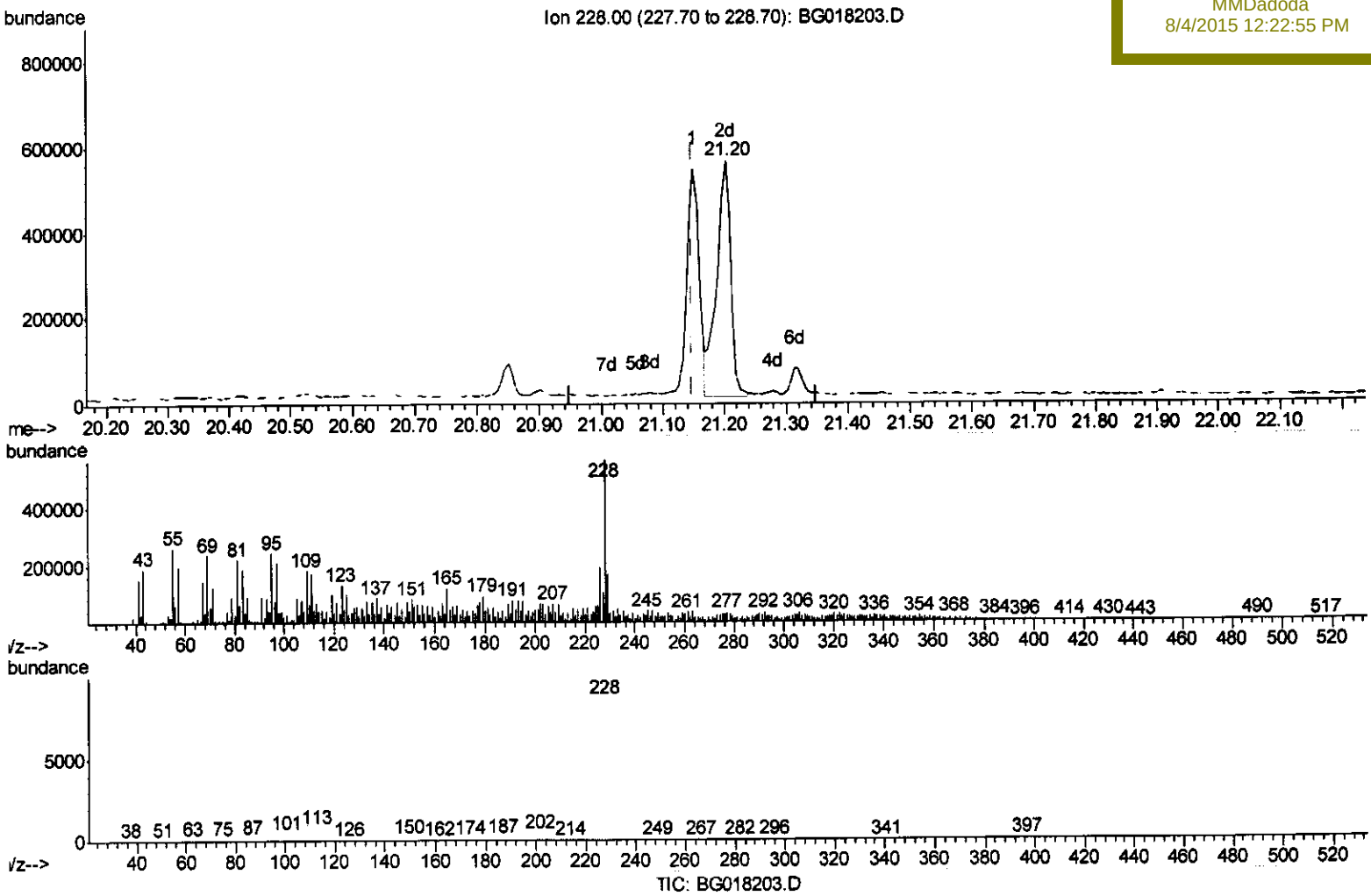
Ion	Exp%	Act%
228.00	100	100
226.00	28.40	31.50
229.00	20.20	29.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:53:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(85) Chrysene

21.202min (+0.054) 40.33ng/ul m > U.M 8/11/15

response 875715

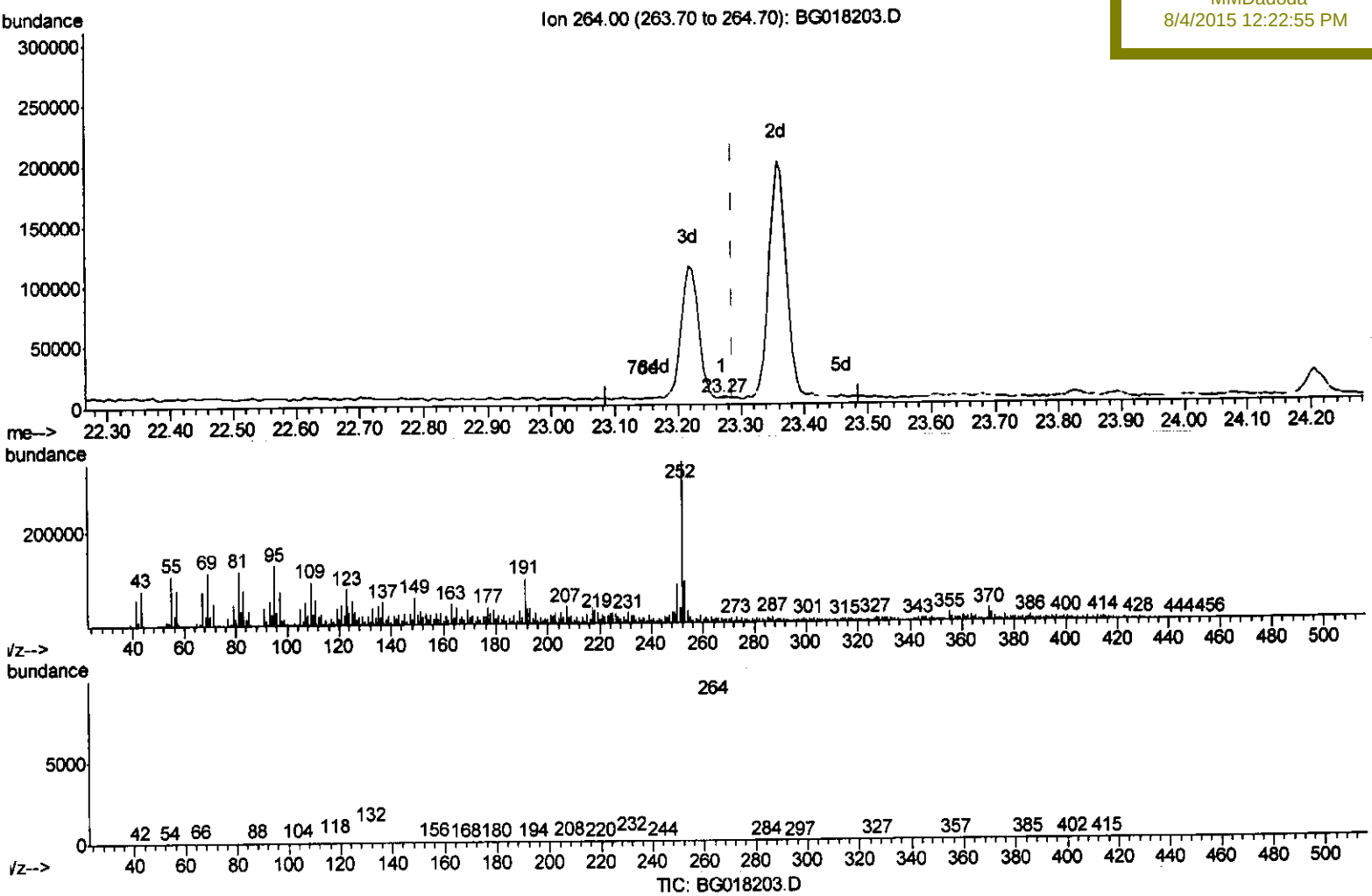
Ion	Exp%	Act%
228.00	100	100
226.00	28.40	33.41
229.00	20.20	29.67#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:53:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(86) Perylene-d12 (I)

23.270min (-0.017) 20.00ng/ul

response 688

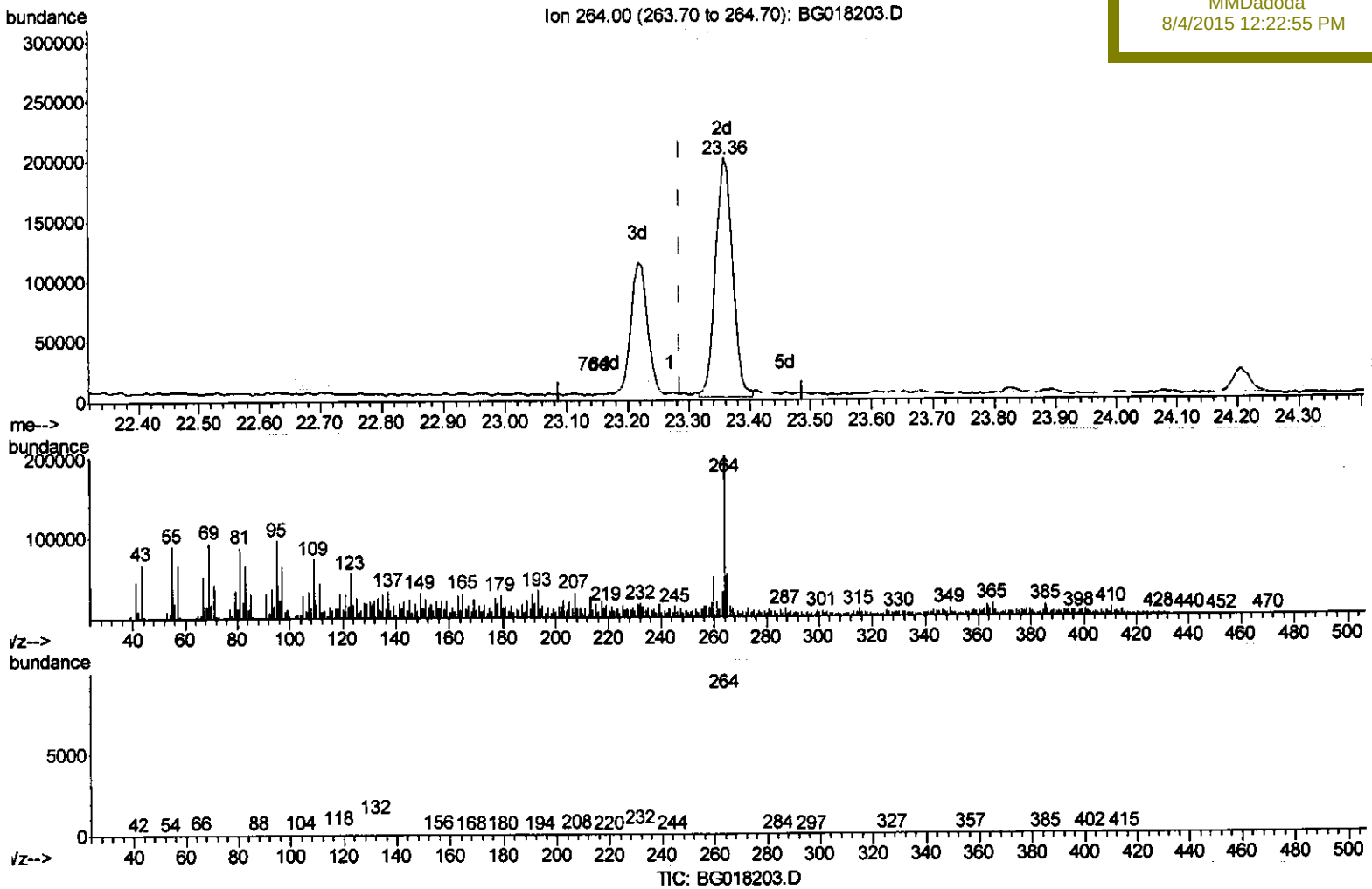
Ion	Exp%	Act%
264.00	100	100
260.00	22.50	130.79#
265.00	22.20	161.20#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:53:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(86) Perylene-d12 (I)

23.359min (+0.071) 20.00ng/ul m } U M 8/11/15

response 387041

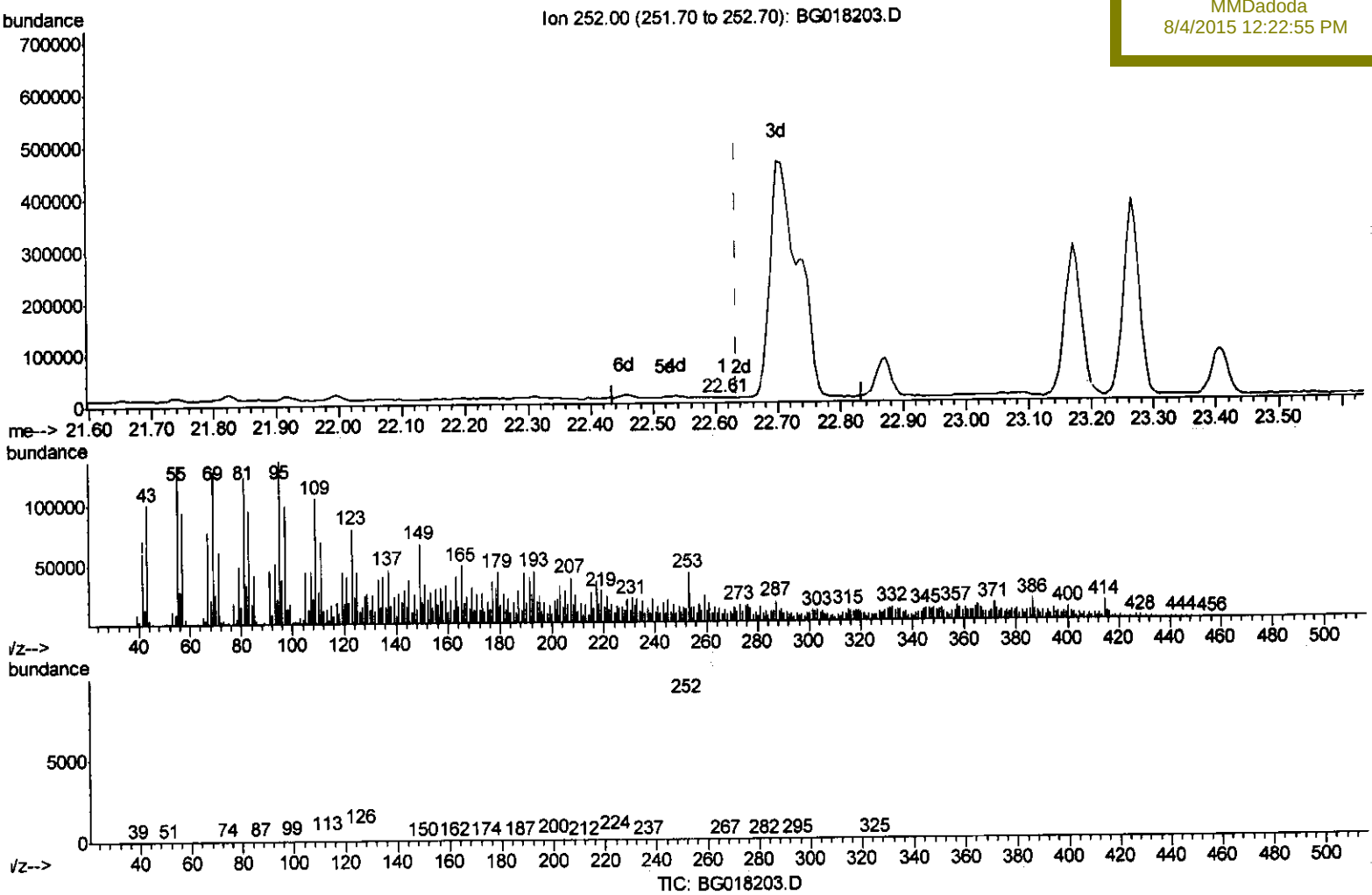
Ion	Exp%	Act%
264.00	100	100
260.00	22.50	25.75
265.00	22.20	26.68#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(88) Benzo(b)fluoranthene

22.612min (-0.023) 0.24ng/ul

response 5649

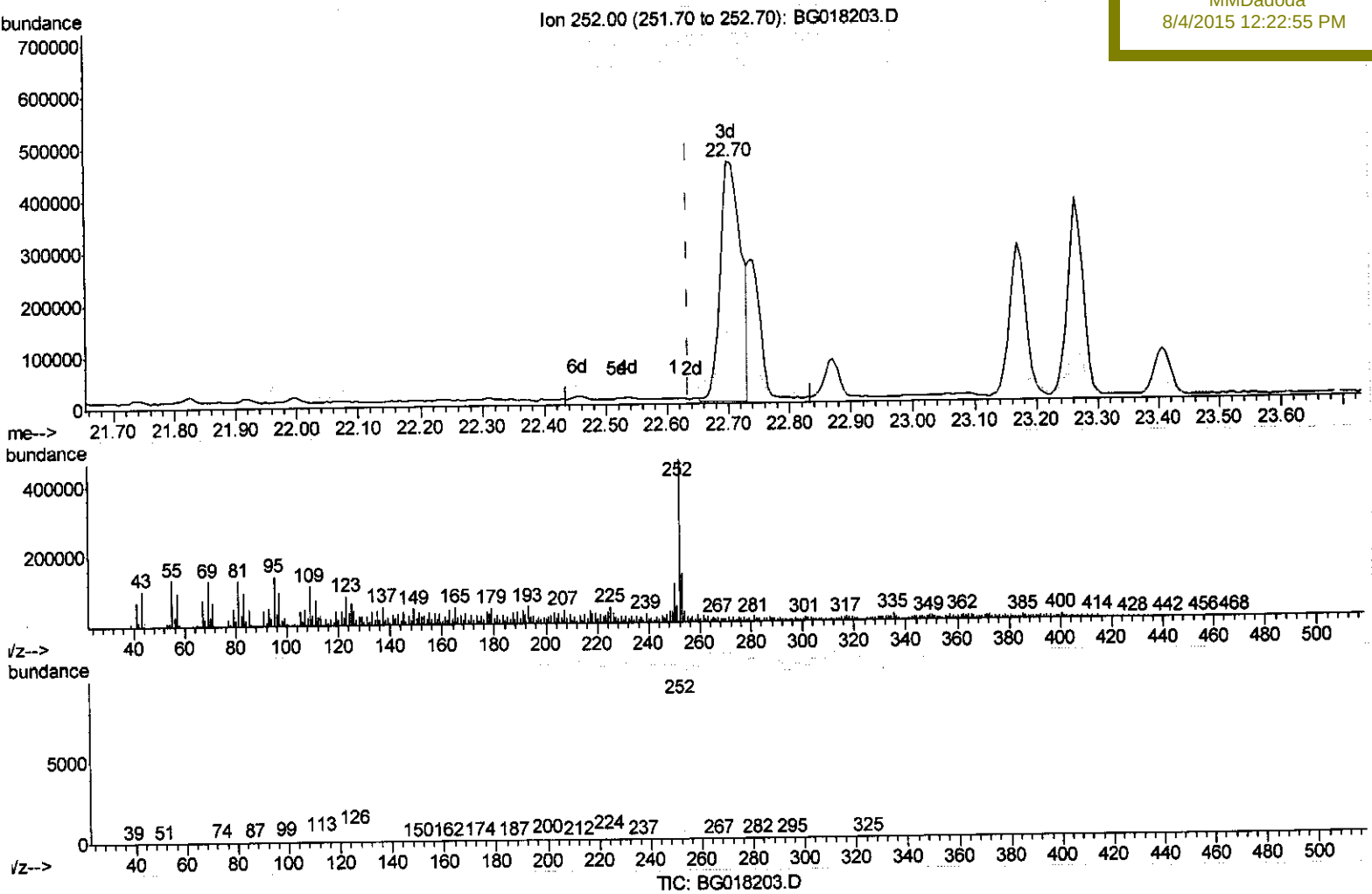
Ion	Exp%	Act%
252.00	100	100
253.00	23.10	355.68#
125.00	9.20	374.23#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(88) Benzo(b)fluoranthene

22.701min (+0.065) 46.96ng/ul m > U.M 8/11/15

response 1091964

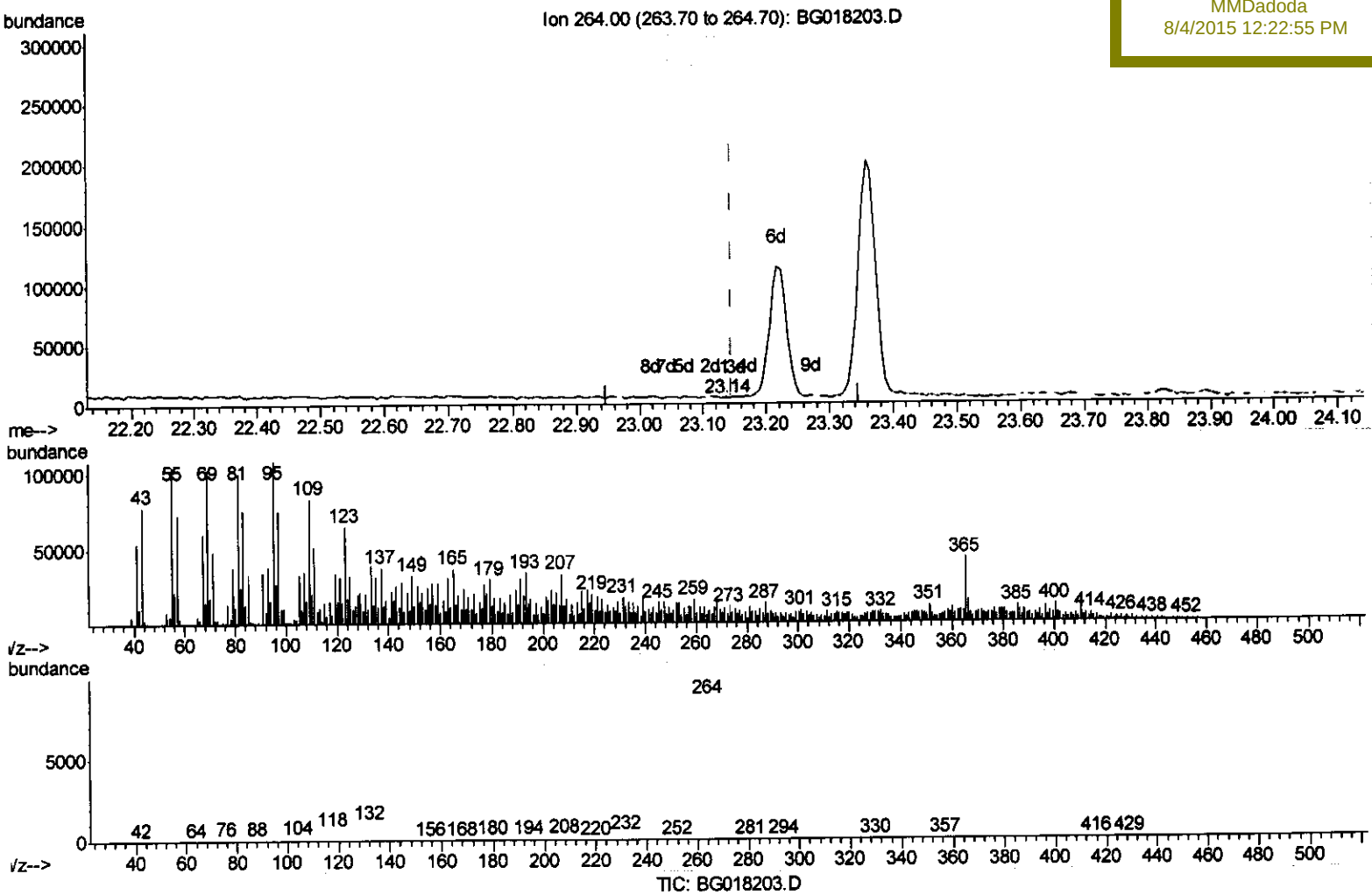
Ion	Exp%	Act%
252.00	100	100
253.00	23.10	30.16#
125.00	9.20	13.78#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



TIC: BG018203.D

(90) Benzo(a)pyrene-d12 (S)

23.135min (-0.011) 0.03ng/ul

response 518

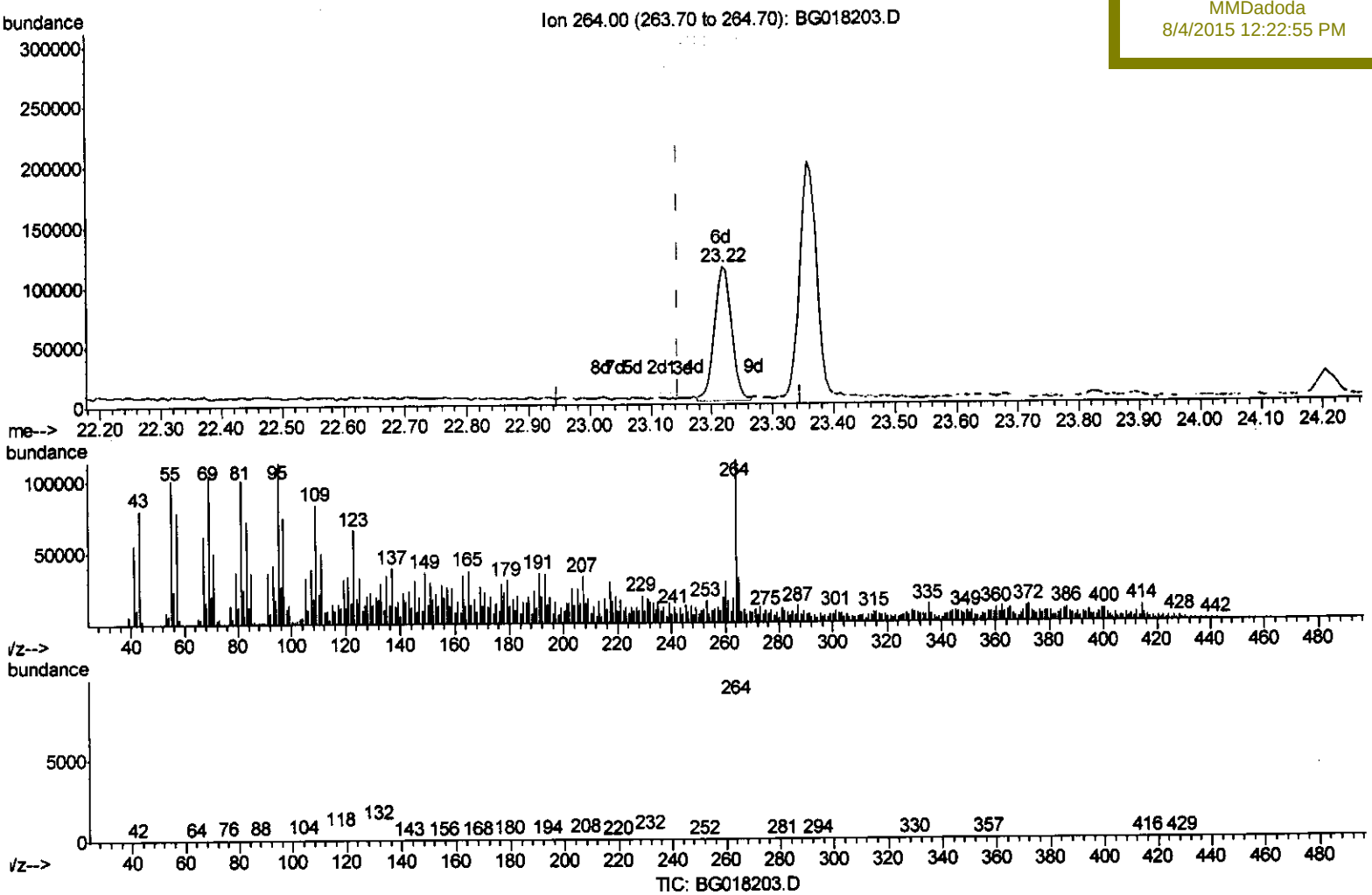
Ion	Exp%	Act%
264.00	100	100
132.00	15.20	182.86#
118.00	7.60	115.16#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



TIC: BG018203.D

(90) Benzo(a)pyrene-d12 (S)

23.218min (+0.071) 11.13ng/ul m > U.M 8/11/15

response 217776

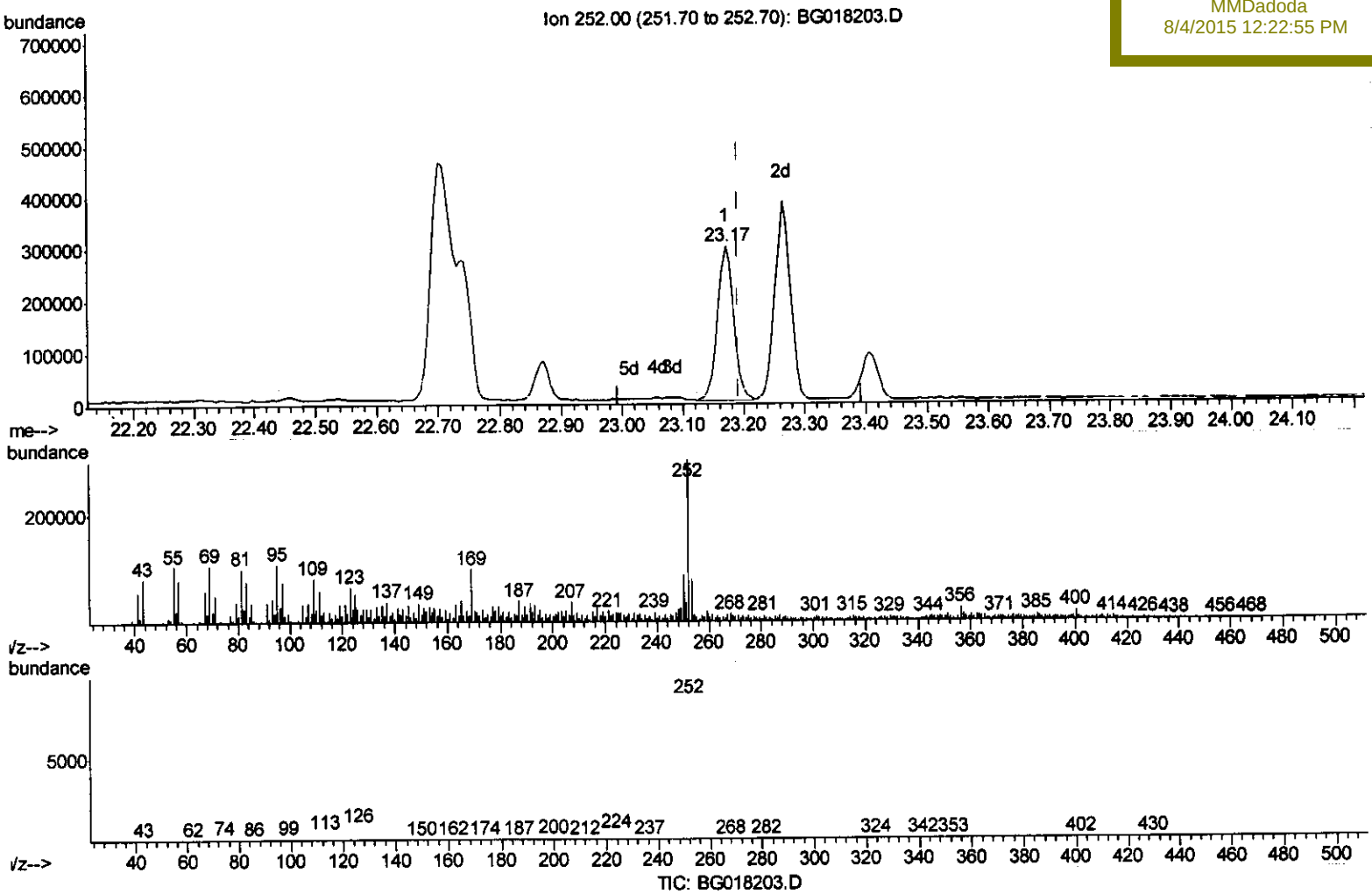
Ion	Exp%	Act%
264.00	100	100
132.00	15.20	15.13
118.00	7.60	10.21#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(91) Benzo(a)pyrene (C)

23.171min (-0.023) 26.17ng/ul

response 544304

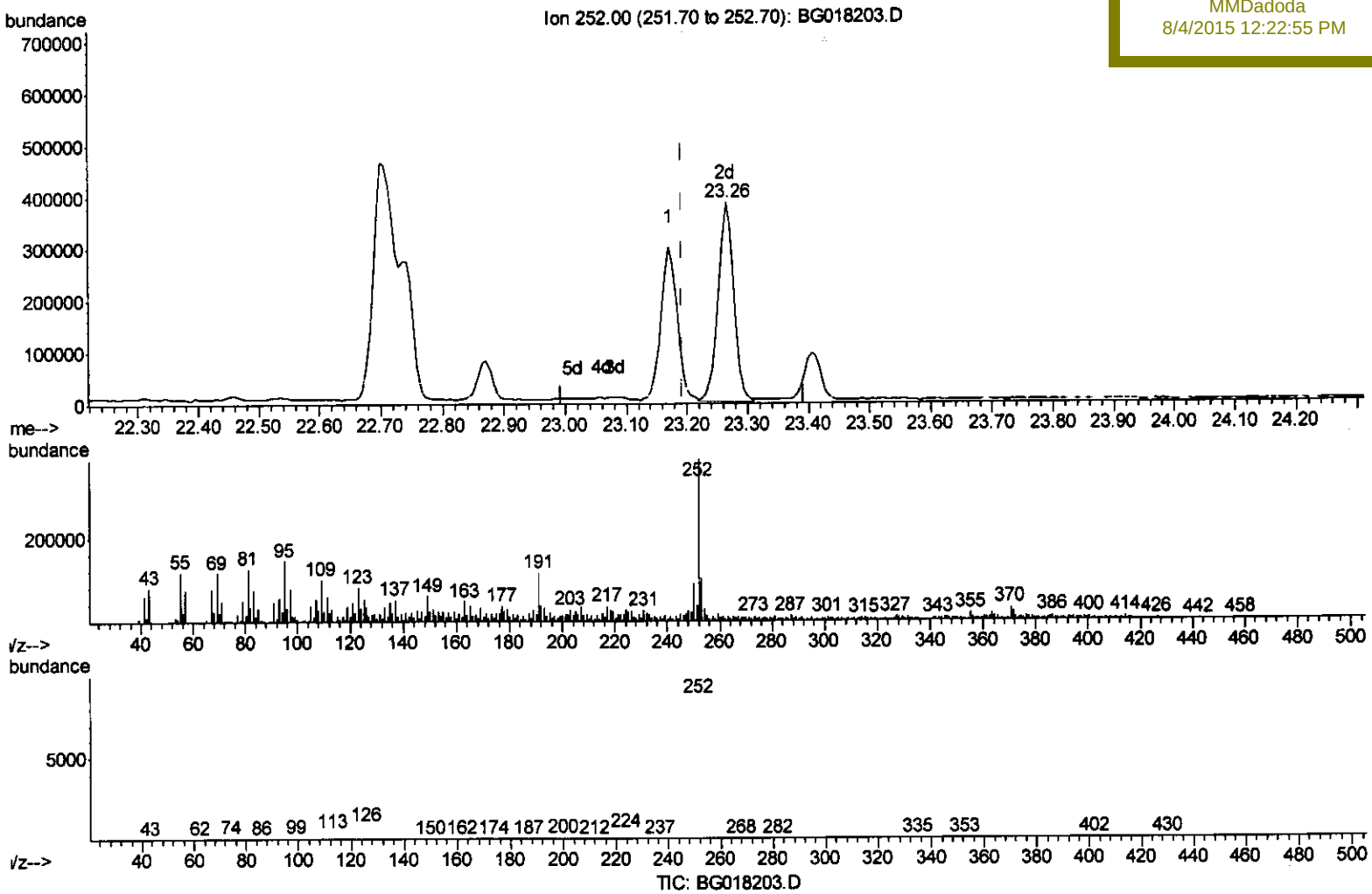
Ion	Exp%	Act%
252.00	100	100
253.00	21.80	25.88
125.00	9.10	17.18#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(91) Benzo(a)pyrene (C)

23.265min (+0.071) 33.12ng/ul m } U.M 8/11/15

response 688940

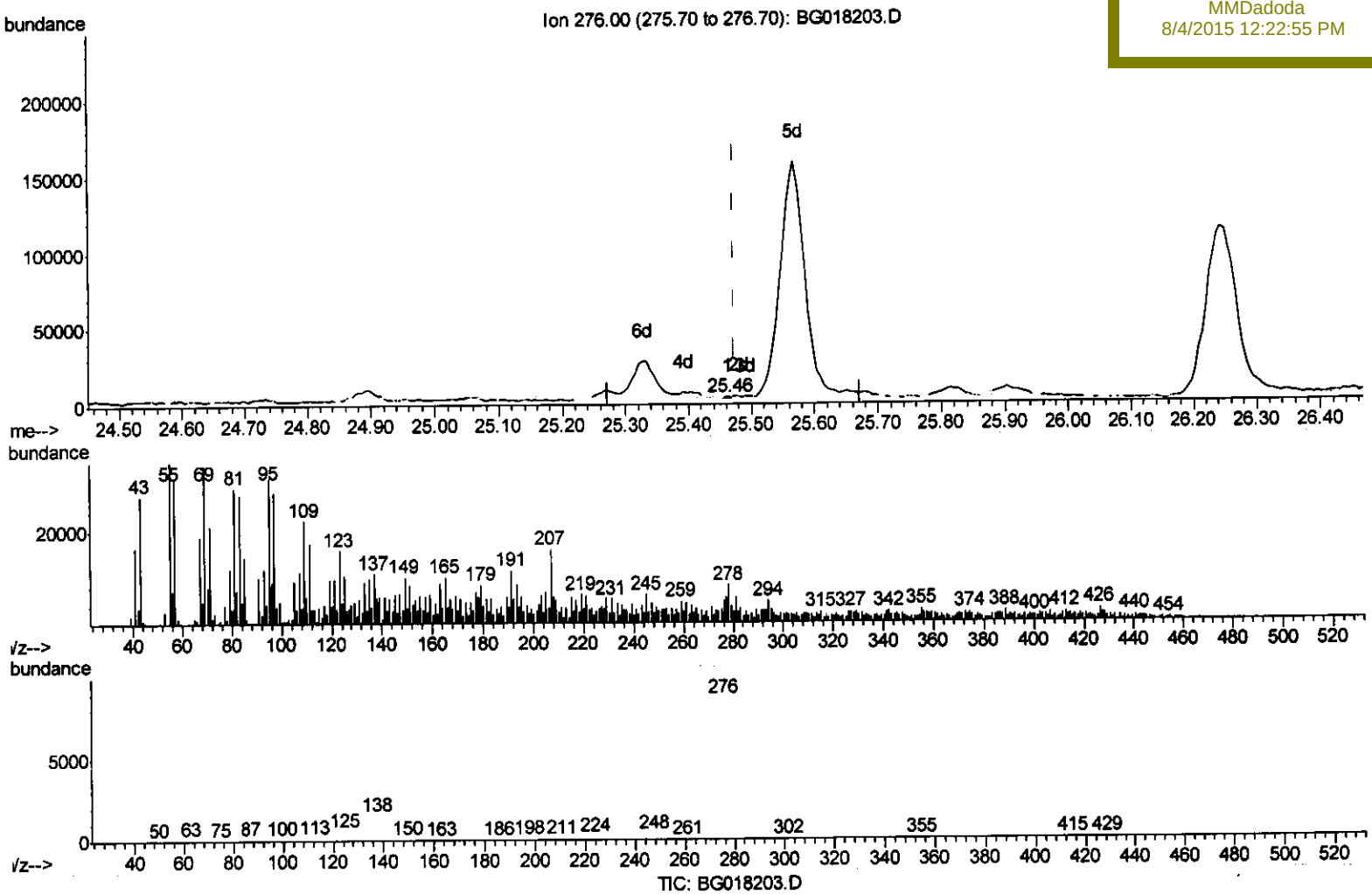
Ion	Exp%	Act%
252.00	100	100
253.00	21.80	25.96
125.00	9.10	13.69#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(92) Indeno(1,2,3-cd)pyrene

25.462min (-0.011) 0.04ng/ul

response 1021

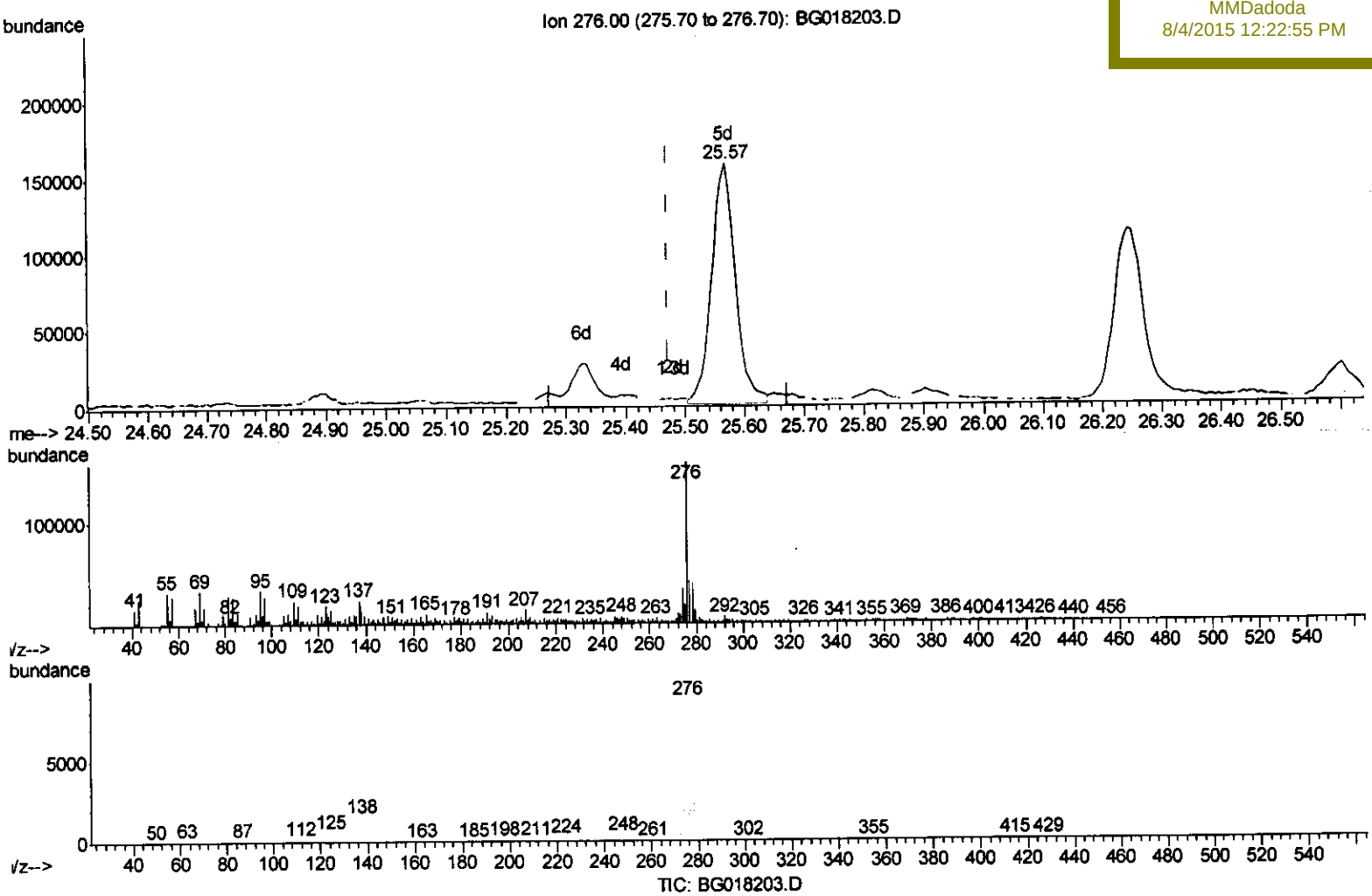
Ion	Exp%	Act%
276.00	100	100
138.00	21.50	111.41#
277.00	24.40	113.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(92) Indeno(1,2,3-cd)pyrene

25.568min (+0.095) 18.08ng/ul m

response 435162

Ion	Exp%	Act%
276.00	100	100
138.00	21.50	11.50#
277.00	24.40	26.22
0.00	0.00	0.00

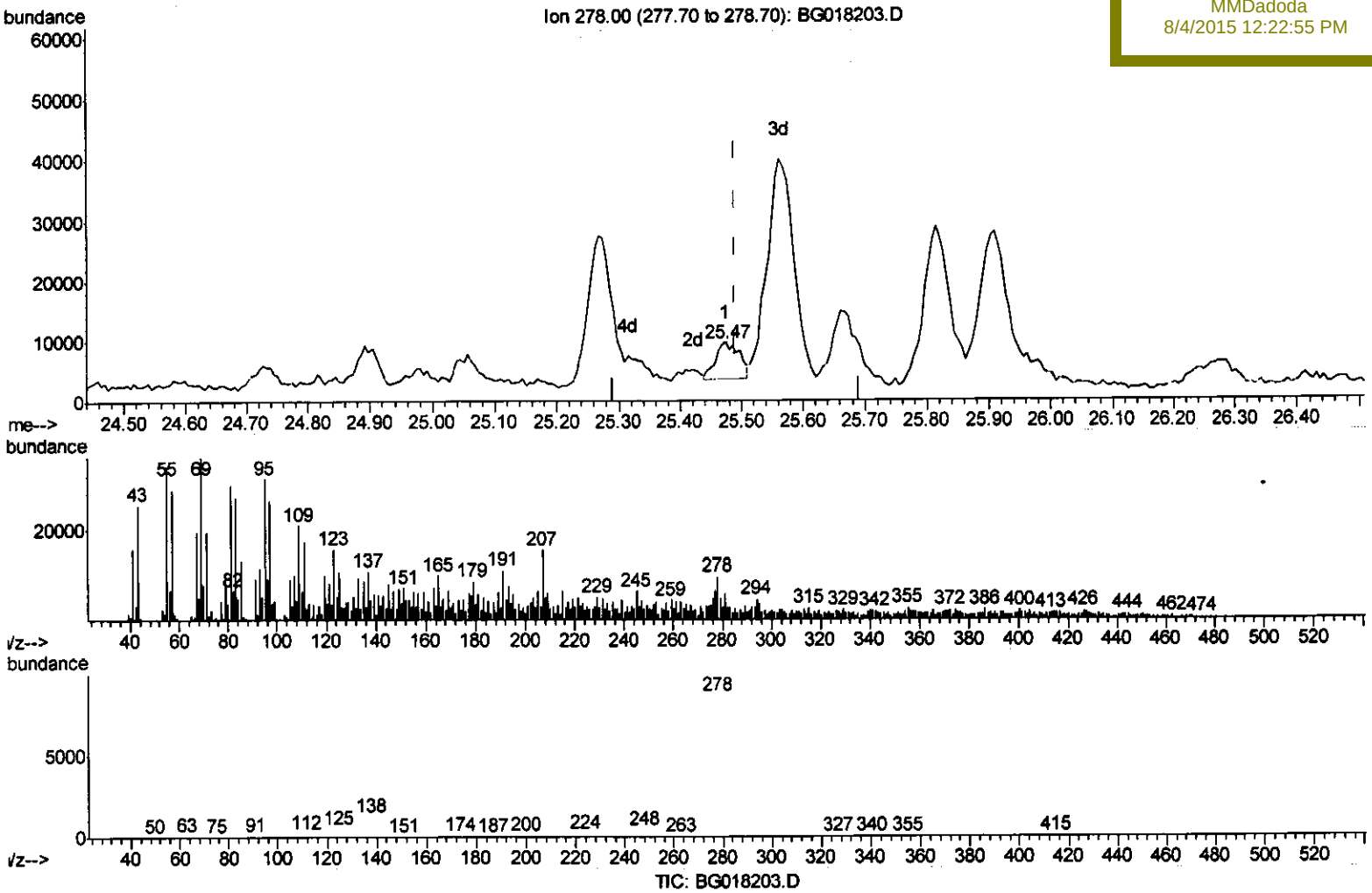
U.M
8/11/15

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(93) Dibenzo(a,h)anthracene

25.474min (-0.017) 0.80ng/ul

response 16415

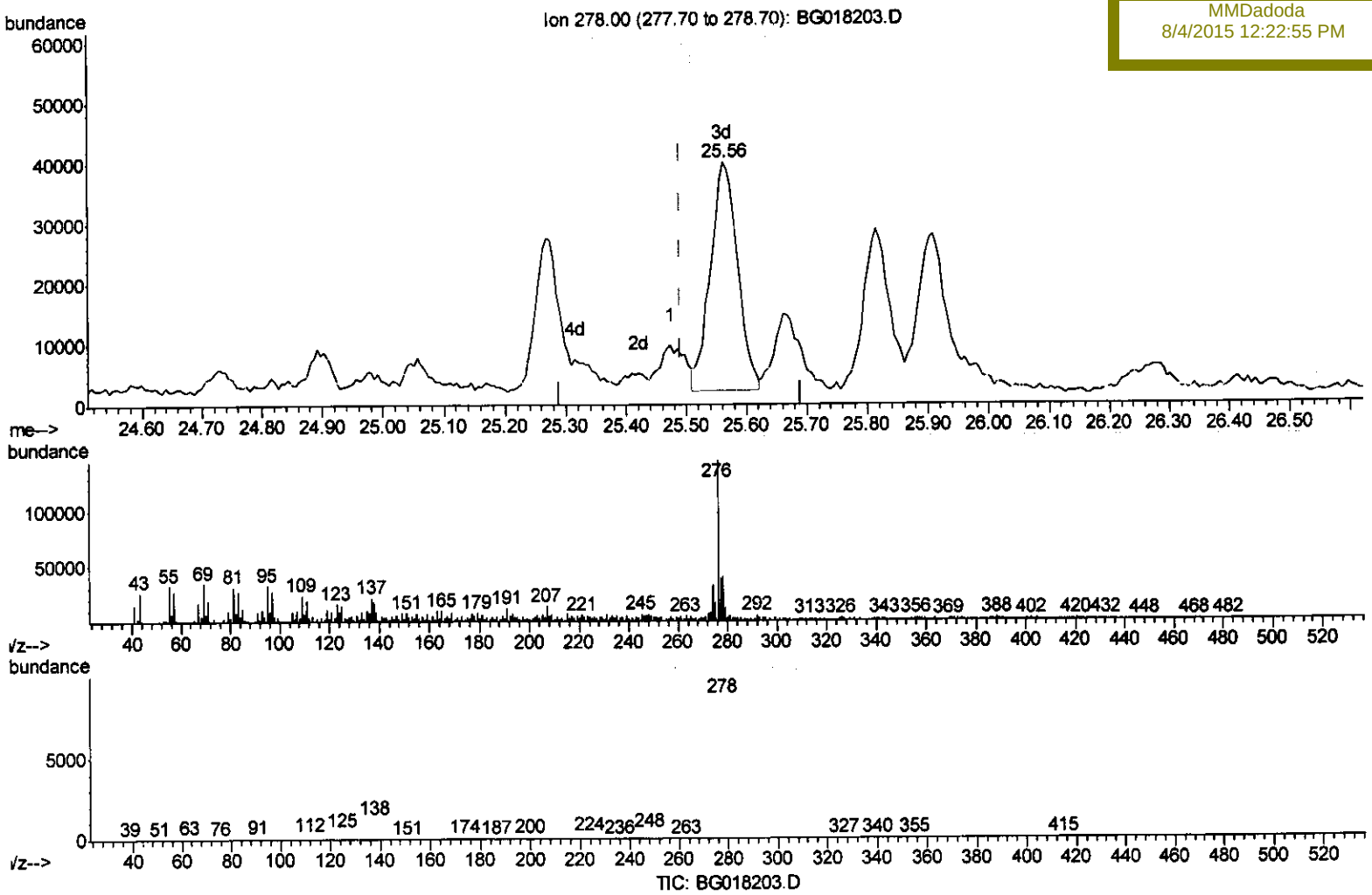
Ion	Exp%	Act%
278.00	100	100
139.00	15.20	59.88#
279.00	25.00	49.99#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(93) Dibenzo(a,h)anthracene

25.562min (+0.071) 5.73ng/ul m

response 118137

Ion	Exp%	Act%
278.00	100	100
139.00	15.20	23.05#
279.00	25.00	29.45
0.00	0.00	0.00

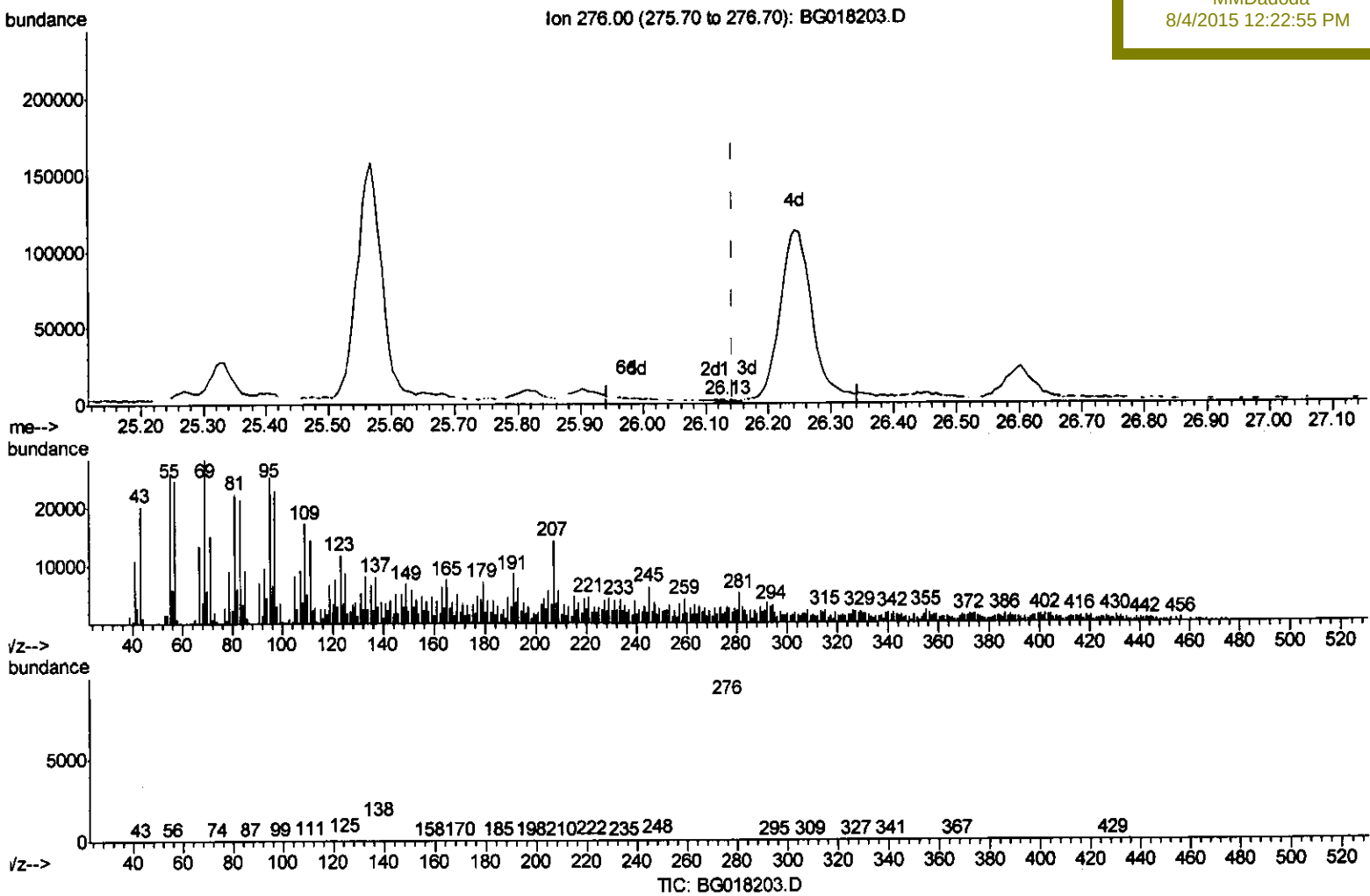
U.M
8/11/15

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(94) Benzo(g,h,i)perylene

26.132min (-0.011) 0.09ng/ul

response 1754

Ion	Exp%	Act%
276.00	100	100
138.00	18.90	106.21#
277.00	24.70	94.58#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:55:34 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
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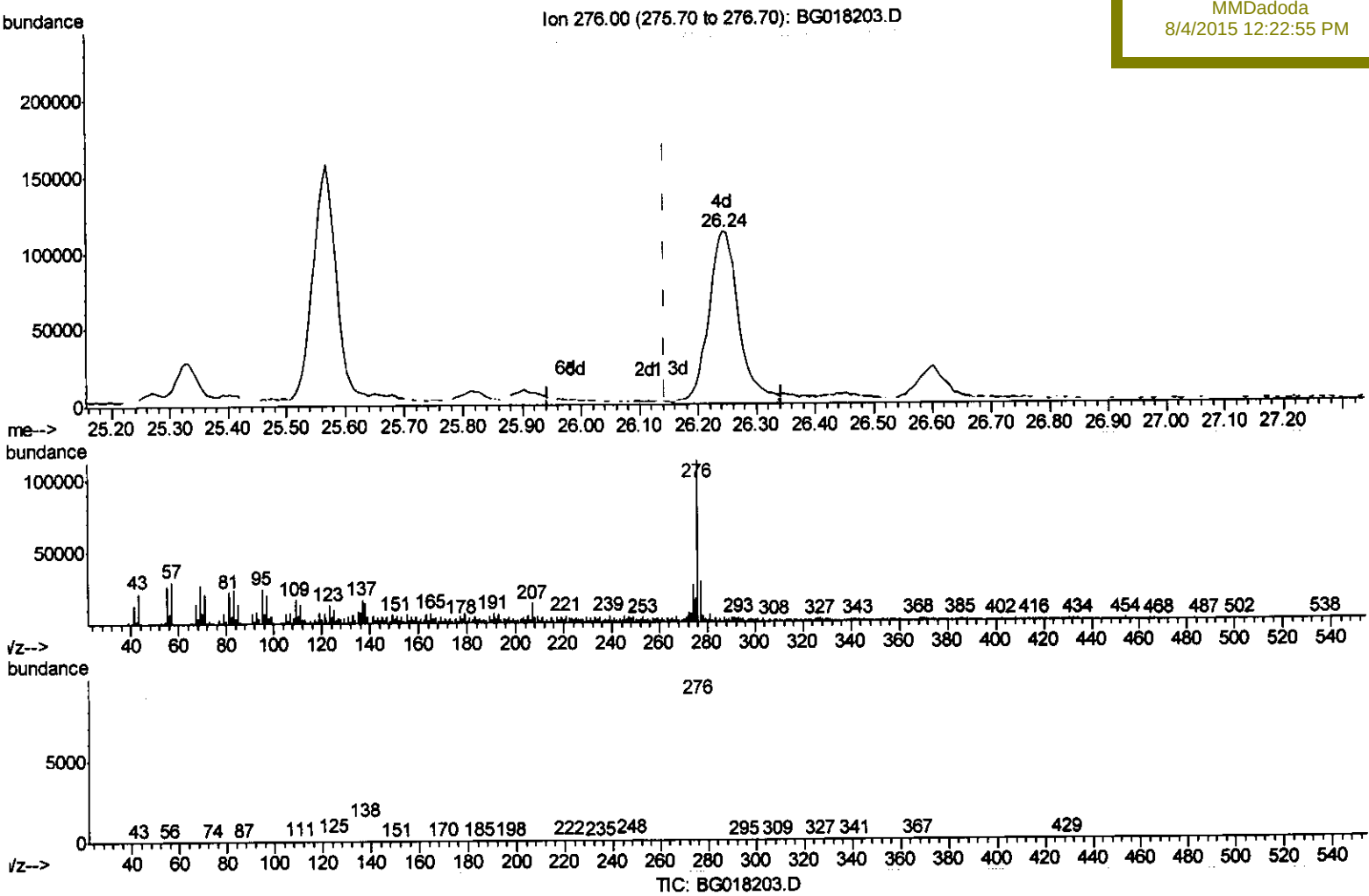


(94) Benzo(g,h,i)perylene

26.243min (+0.101) 20.54ng/ul m

response 403621

U.M 8/11/15

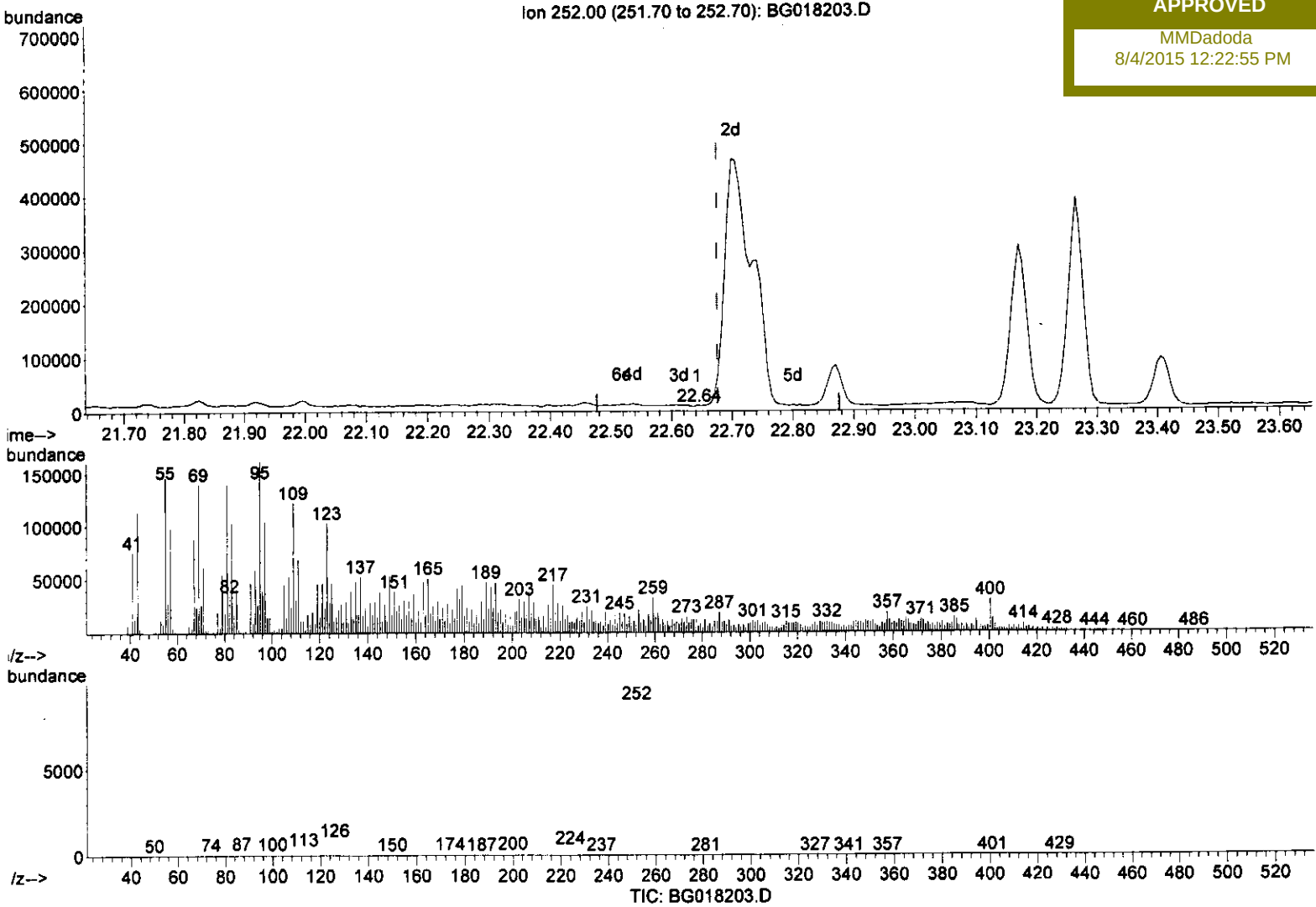
Ion	Exp%	Act%
276.00	100	100
138.00	18.90	12.67#
277.00	24.70	25.59
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:59:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
MMDadoda
8/4/2015 12:22:55 PM



(89) Benzo(k)fluoranthene

22.642min (-0.035) 0.10ng/ul

response 2136

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	208.55#
125.00	9.40	446.42#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
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Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 07:59:01 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02A6

Manual Integrations APPROVED
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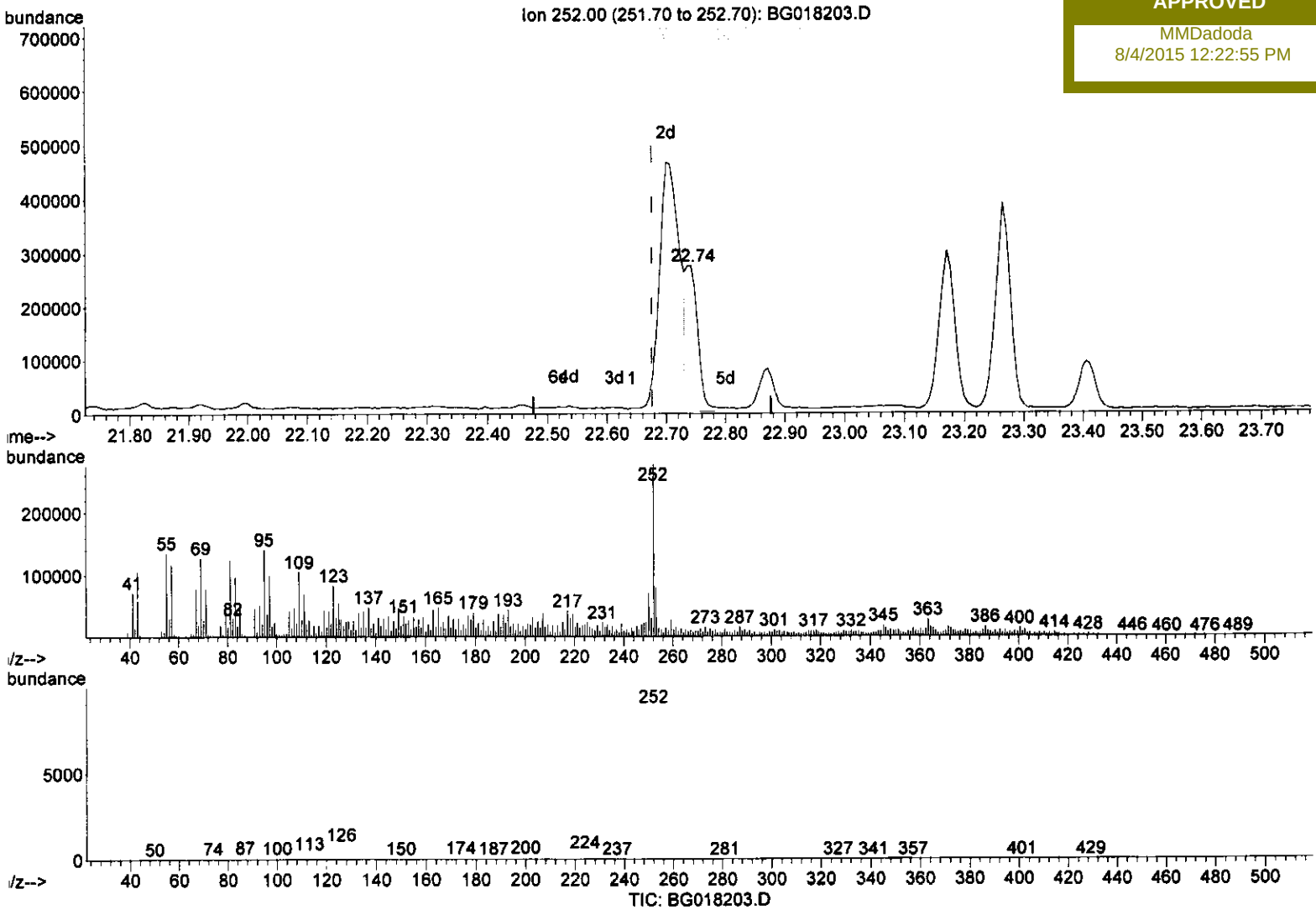

TIC: BG018203.D

(89) Benzo(k)fluoranthene

22.742min (+0.065) 17.28ng/ul m

response 369267

> U.M
8/11/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	28.86#
125.00	9.40	19.84#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018203.D
Acq On : 1 Aug 2015 4:38
Operator : TP/UM
Sample : G3065-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 18:09:38 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 07:50:22 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C02A6

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	52593	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	218219	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.16	164	111555	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	252905	20.00	ng/ul	0.02
78) Chrysene-d12	21.16	240	440151m	20.00	ng/ul	0.05
86) Perylene-d12	23.36	264	387041m	20.00	ng/ul	0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	991	1.42	ng/uL	0.00
5) Phenol-d5	6.67	99	38774	8.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	23391	9.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	34117	9.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	19737	5.12	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	17587	10.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	21389	10.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	31845	9.13	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.57	166	97805	11.35	ng/ul	0.00
47) Acenaphthylene-d8	13.85	160	117877	11.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	10294	6.45	ng/ul	0.00
58) Fluorene-d10	15.16	176	84811	10.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.30	200	4526	2.56	ng/ul	0.00
71) Anthracene-d10	17.02	188	129639	11.79	ng/ul	0.02
79) Pyrene-d10	19.36	212	208889m	9.81	ng/ul	0.05
90) Benzo(a)pyrene-d12	23.22	264	217776m	11.13	ng/ul	0.07
Target Compounds						Qvalue
14) Acetophenone	8.29	105	12779	2.13	ng/ul	94
28) Naphthalene	10.31	128	50463	4.80	ng/ul	96
34) 2-Methylnaphthalene	11.94	142	23576	2.83	ng/ul	94
35) 1-Methylnaphthalene	12.17	142	18277	2.29	ng/ul#	90
45) Dimethylphthalate	13.62	163	199631	23.28	ng/ul	98
50) Acenaphthene	14.22	153	38213	5.91	ng/ul	99
54) Dibenzofuran	14.56	168	31442	3.23	ng/ul#	66
59) Fluorene	15.22	166	66703	7.94	ng/ul#	93
70) Phenanthrene	16.97	178	783616	60.99	ng/ul#	94
72) Anthracene	17.06	178	159947	12.51	ng/ul#	78
77) Fluoranthene	19.03	202	1493312	105.83	ng/ul	98
80) Pyrene	19.40	202	1610760	60.33	ng/ul	98
83) Benzo(a)anthracene	21.15	228	741646m	31.29	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.08	149	573755	39.21	ng/ul#	82
85) Chrysene	21.20	228	875715m	40.33	ng/ul	
88) Benzo(b)fluoranthene	22.70	252	1091964m	46.96	ng/ul	
89) Benzo(k)fluoranthene	22.74	252	369267m	17.28	ng/ul	
91) Benzo(a)pyrene	23.26	252	688940m	33.12	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.57	276	435162m	18.08	ng/ul	
93) Dibenzo(a,h)anthracene	25.56	278	118137m	5.73	ng/ul	
94) Benzo(g,h,i)perylene	26.24	276	403621m	20.54	ng/ul	

U.M 8/11/15

U.M 8/11/15

U.M 8/11/15

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QLast Update : Mon Aug 03 07:50:22 2015
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Instrument :
BNA_G
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C02A6

Manual Integrations APPROVED
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8/4/2015 12:22:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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