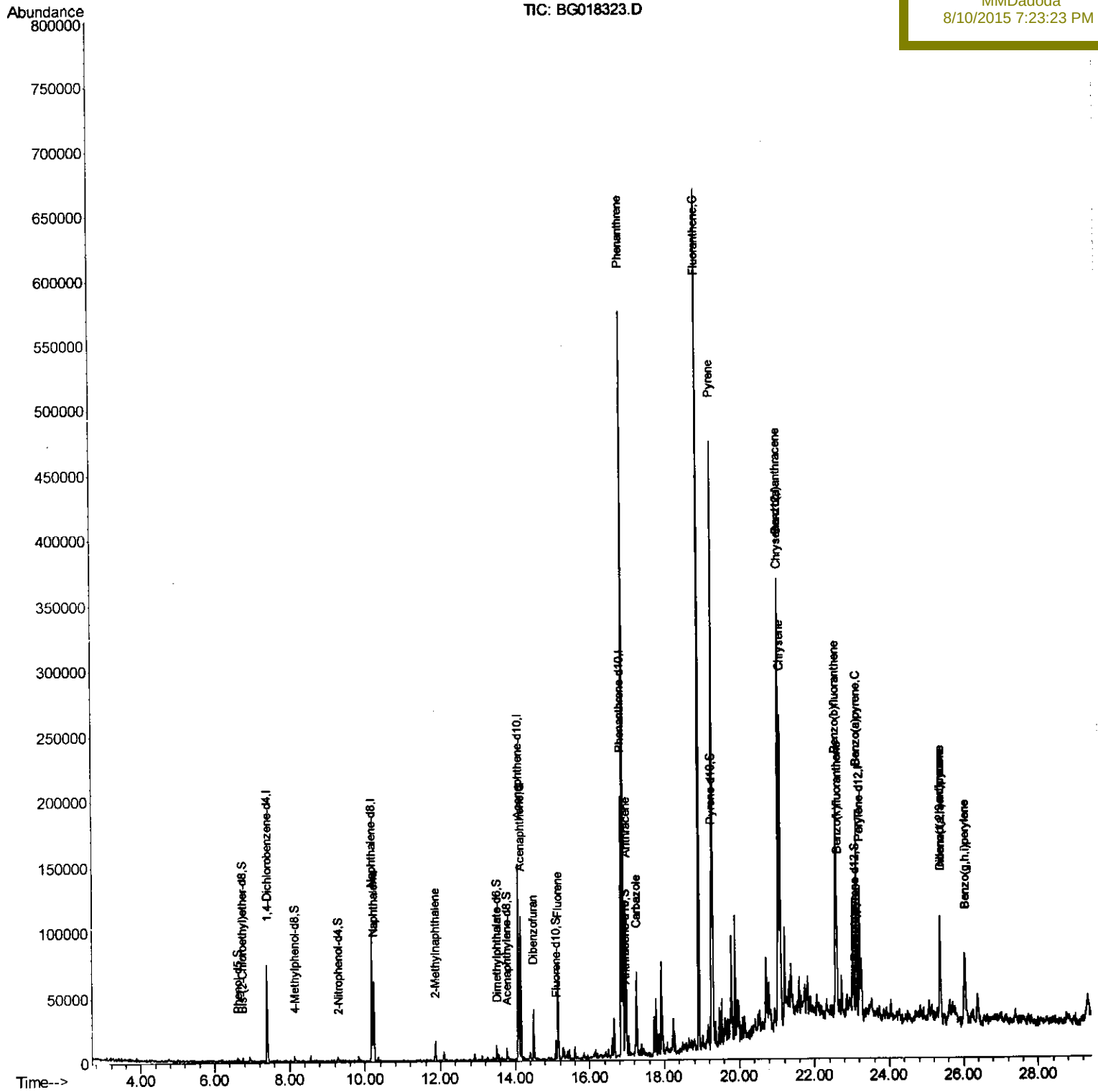


Data Path : Z:\HPCHEM1\BNA_G\Data\BG080815\
Data File : BG018323.D
Acq On : 8 Aug 2015 10:09
Operator : UM/TP
Sample : G3095-12DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 04:24:17 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:57:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01S3DL

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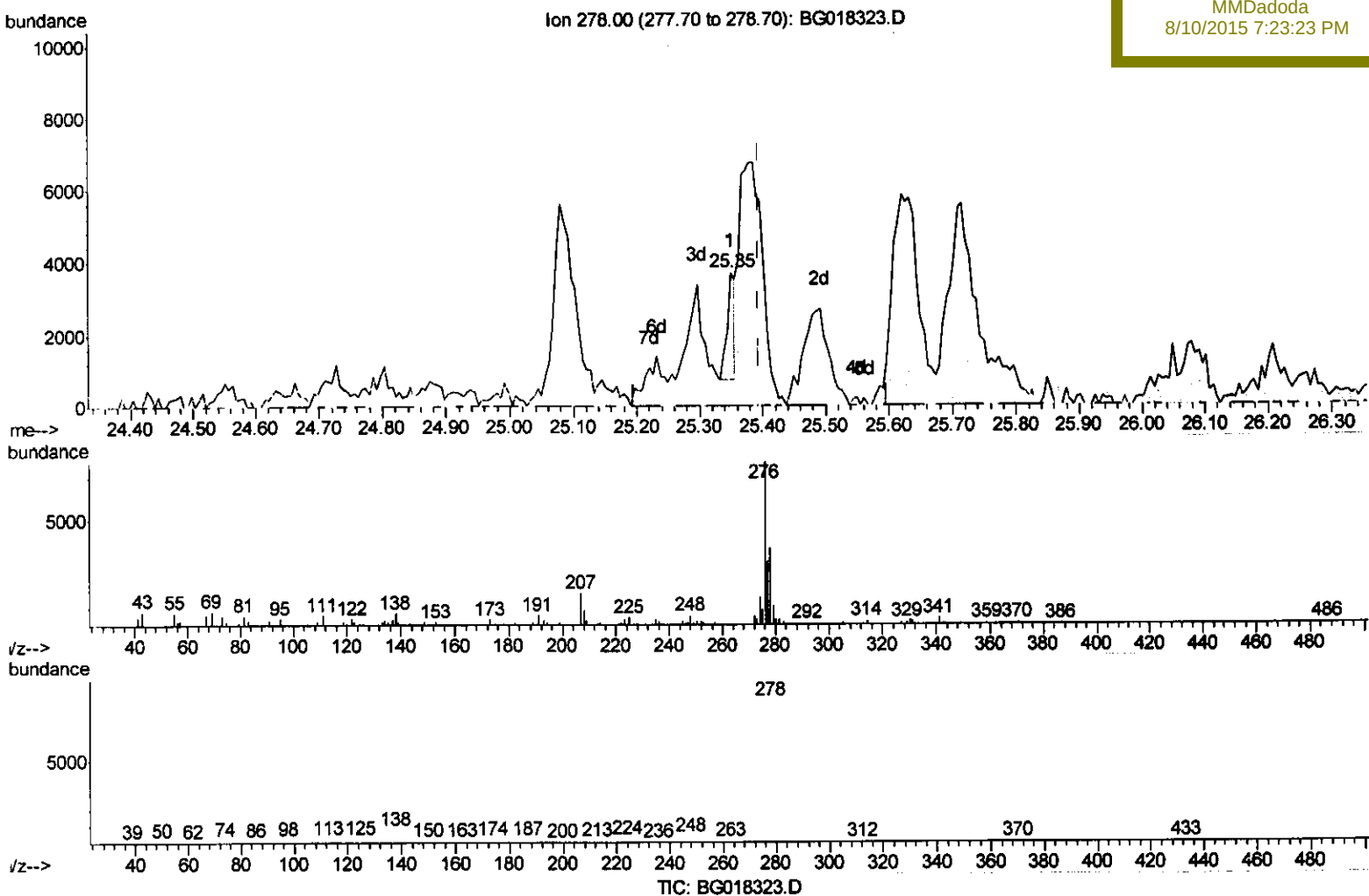
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018323.D
 Acq On : 8 Aug 2015 10:09
 Operator : UM/TP
 Sample : G3095-12DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01S3DL

Manual Integrations
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Quant Time: Aug 10 04:23:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

25.350min (-0.046) 0.56ng/ul

response 2757

Ion	Exp%	Act%
278.00	100	100
139.00	6.70	7.75
279.00	22.80	28.10#
0.00	0.00	0.00

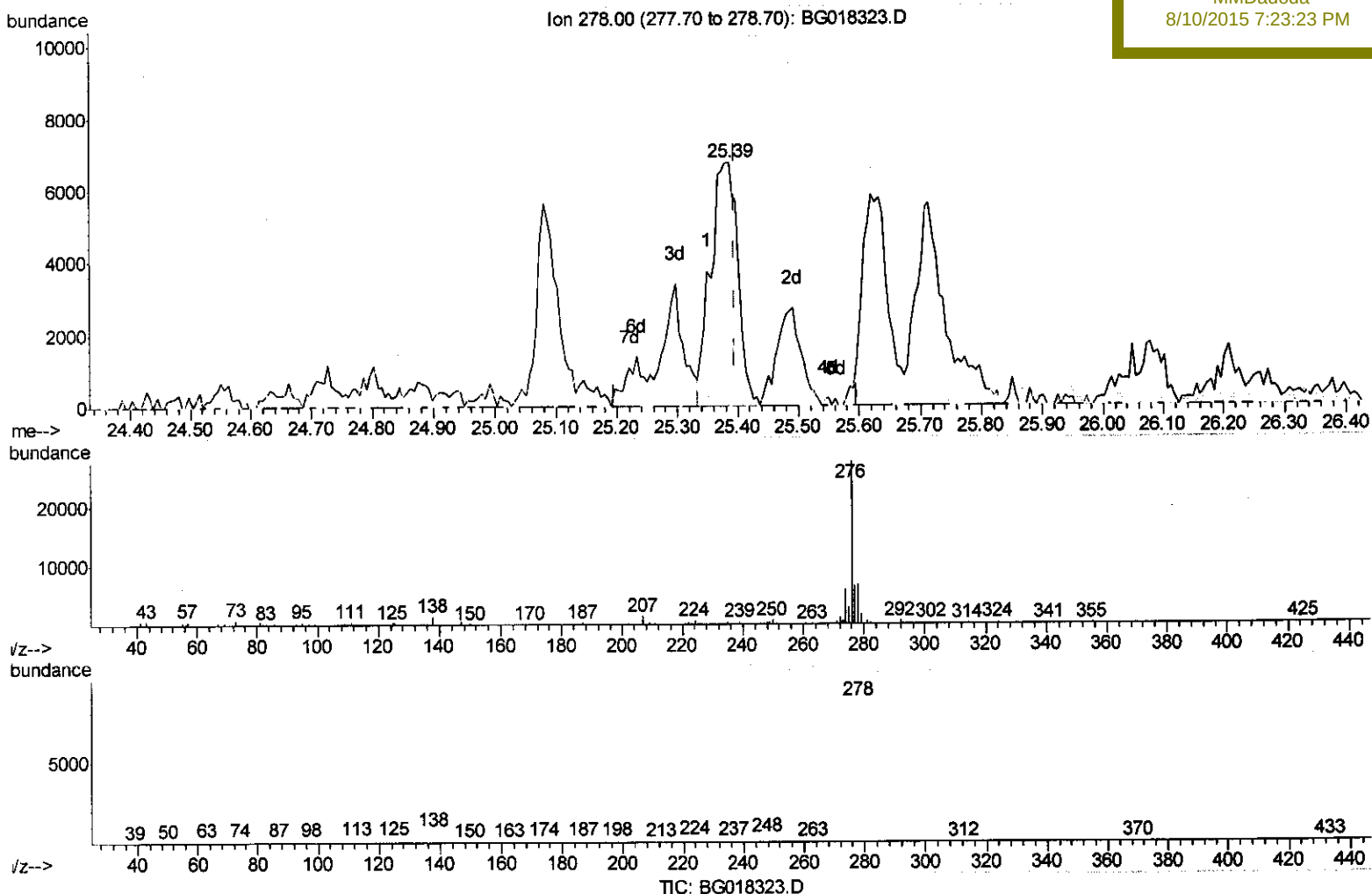
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018323.D
 Acq On : 8 Aug 2015 10:09
 Operator : UM/TP
 Sample : G3095-12DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01S3DL

Manual Integrations
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Quant Time: Aug 10 04:23:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

25.385min (-0.011) 4.29ng/ul m

response 21202

Ion	Exp%	Act%
278.00	100	100
139.00	6.70	0.00#
279.00	22.80	26.75
0.00	0.00	0.00

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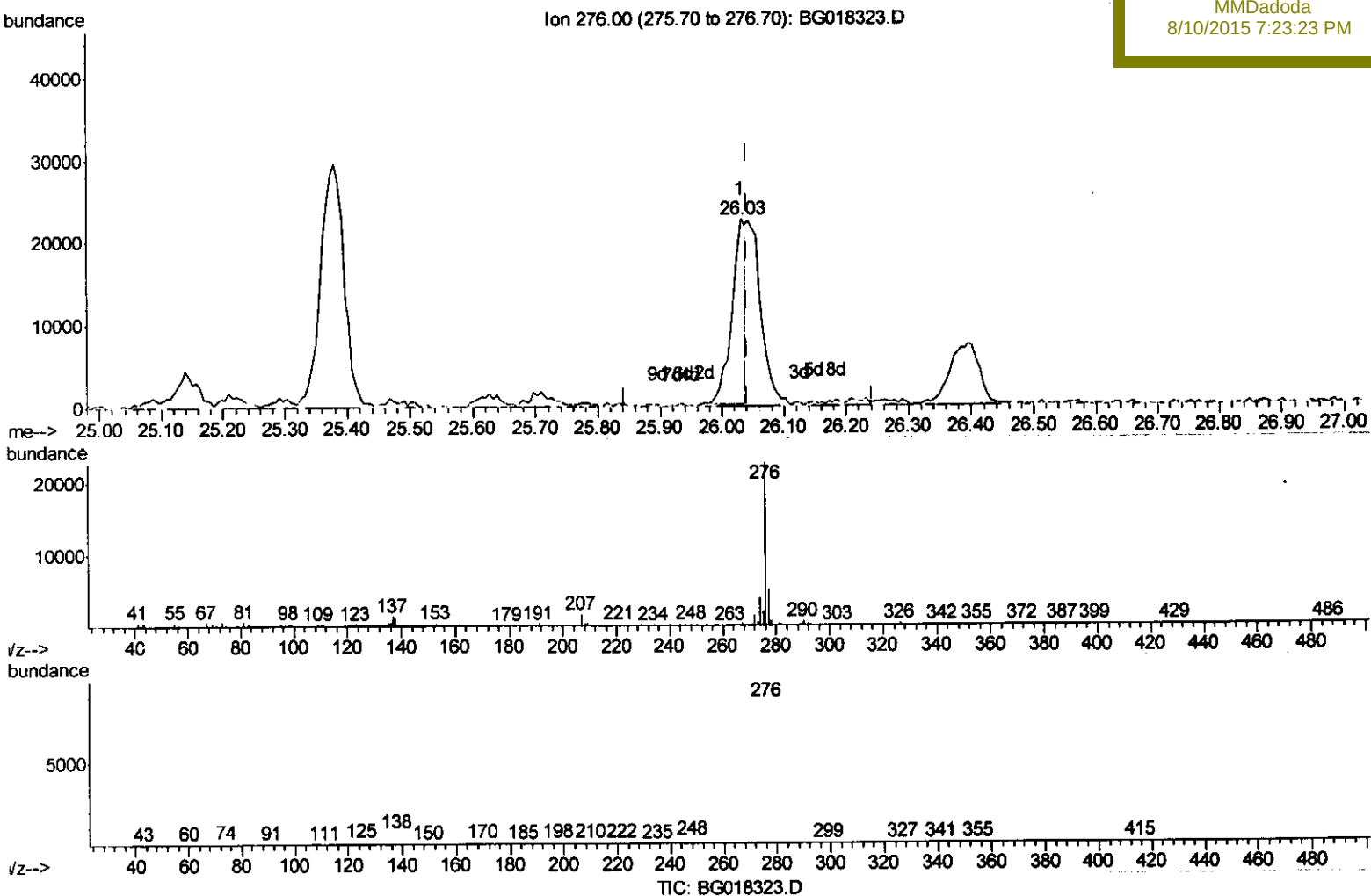
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018323.D
 Acq On : 8 Aug 2015 10:09
 Operator : UM/TP
 Sample : G3095-12DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 02:07:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C01S3DL

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

26.031min (-0.011) 7.31ng/ul

response 33803

Ion	Exp%	Act%
276.00	100	100
138.00	7.20	5.64#
277.00	20.30	22.29
0.00	0.00	0.00

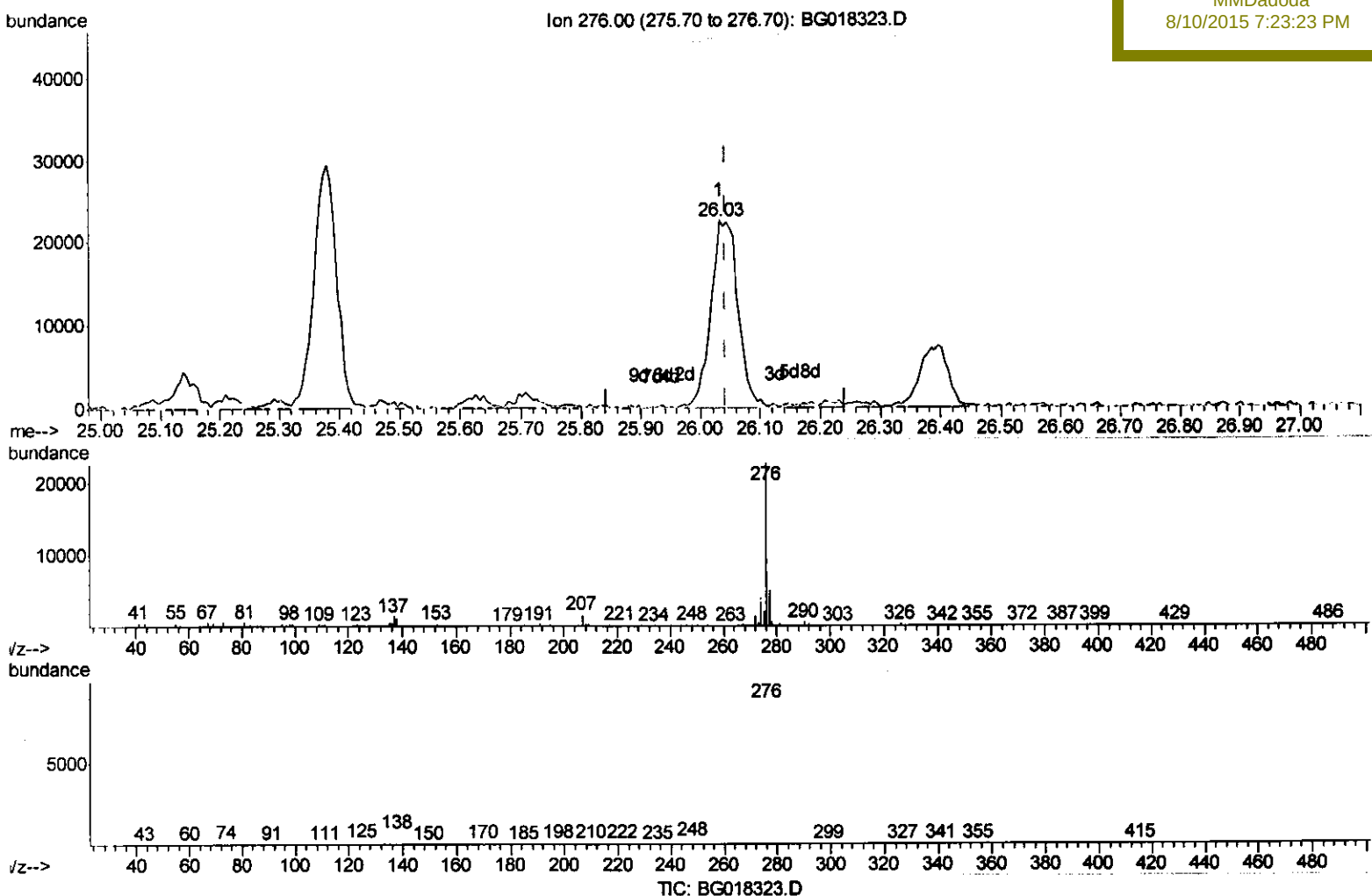
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018323.D
 Acq On : 8 Aug 2015 10:09
 Operator : UM/TP
 Sample : G3095-12DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01S3DL

Manual Integrations
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Quant Time: Aug 10 02:07:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration



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

26.031min (-0.011) 15.38ng/ul m

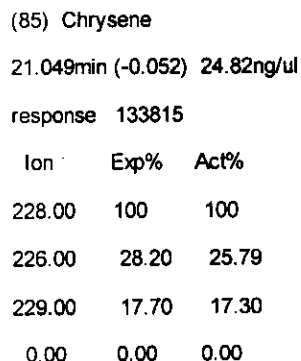
response 71111

Ion	Exp%	Act%
276.00	100	100
138.00	7.20	5.64#
277.00	20.30	22.29
0.00	0.00	0.00

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Quant Time: Aug 10 02:07:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:57:33 2015
Response via : Initial Calibration

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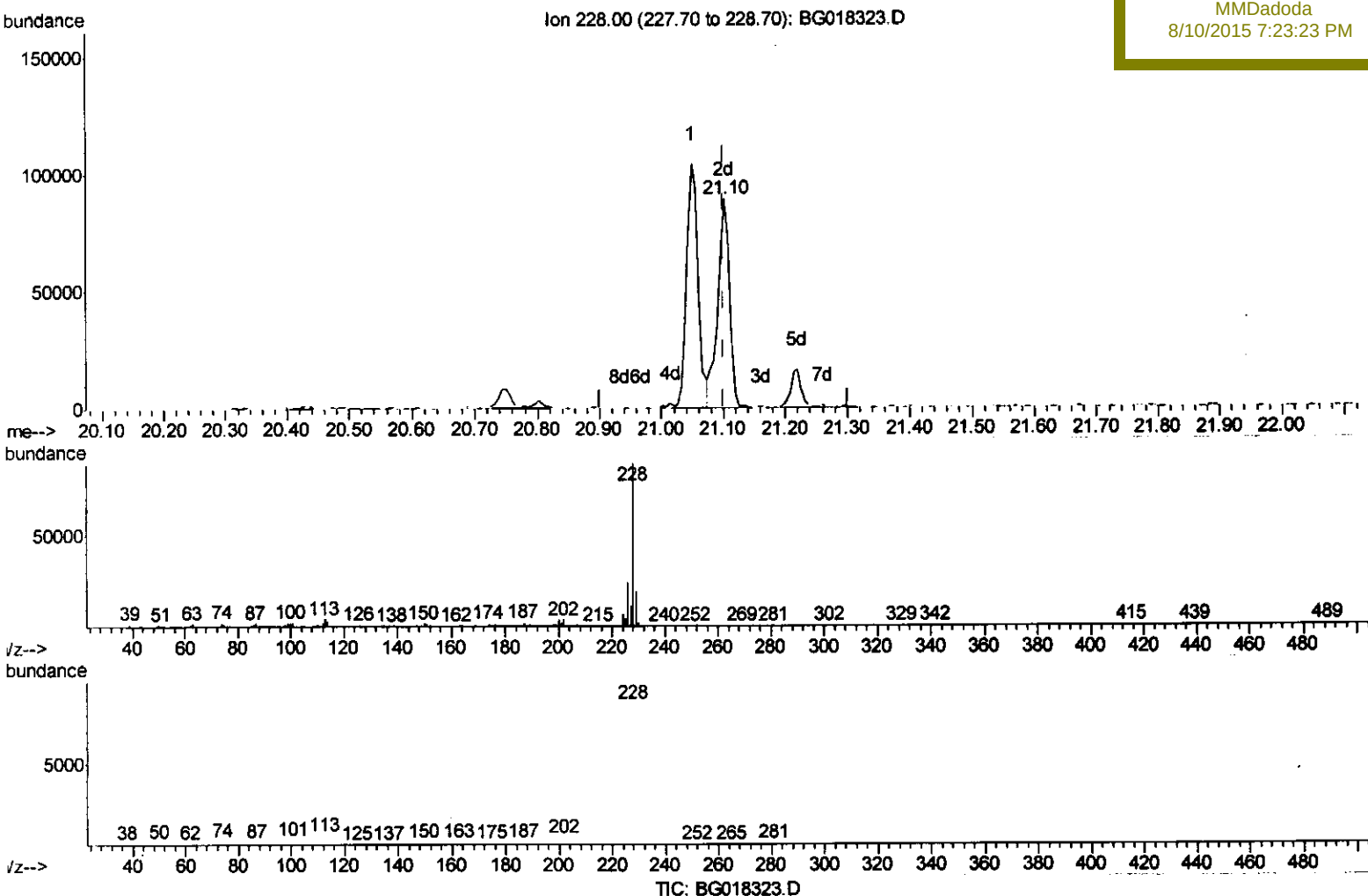
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018323.D
 Acq On : 8 Aug 2015 10:09
 Operator : UM/TP
 Sample : G3095-12DL 10X
 Misc :
 AIS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 02:07:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C01S3DL

Manual Integrations
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(85) Chrysene

21.102min (+0.001) 22.11ng/ul m

response 119199

Ion	Exp%	Act%
228.00	100	100
226.00	28.20	26.63
229.00	17.70	21.61#
0.00	0.00	0.00

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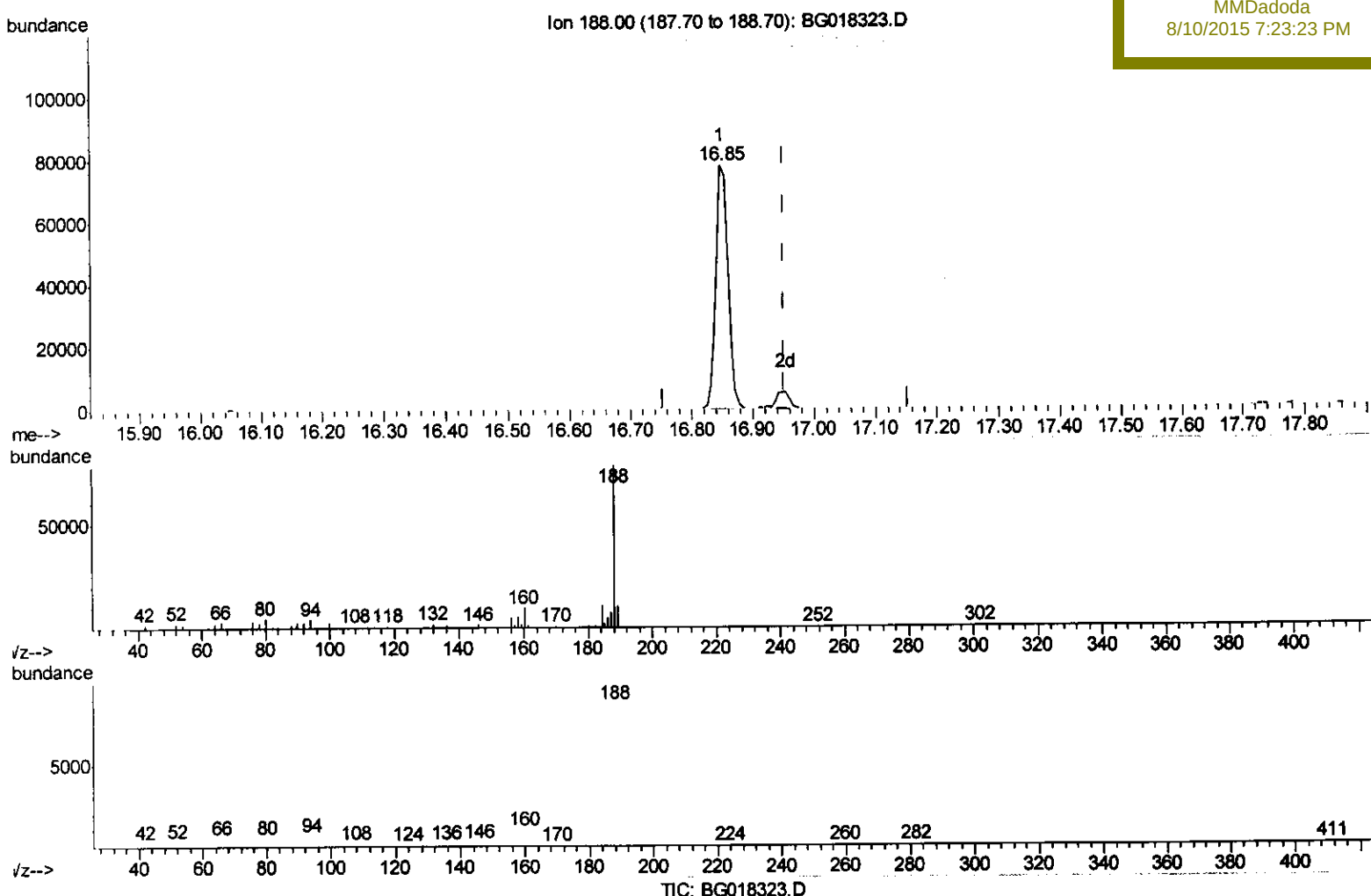
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018323.D
Acq On : 8 Aug 2015 10:09
Operator : UM/TP
Sample : G3095-12DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 02:07:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:57:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations

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(71) Anthracene-d10 (S)

16.848min (-0.105) 18.53ng/ul

response 106684

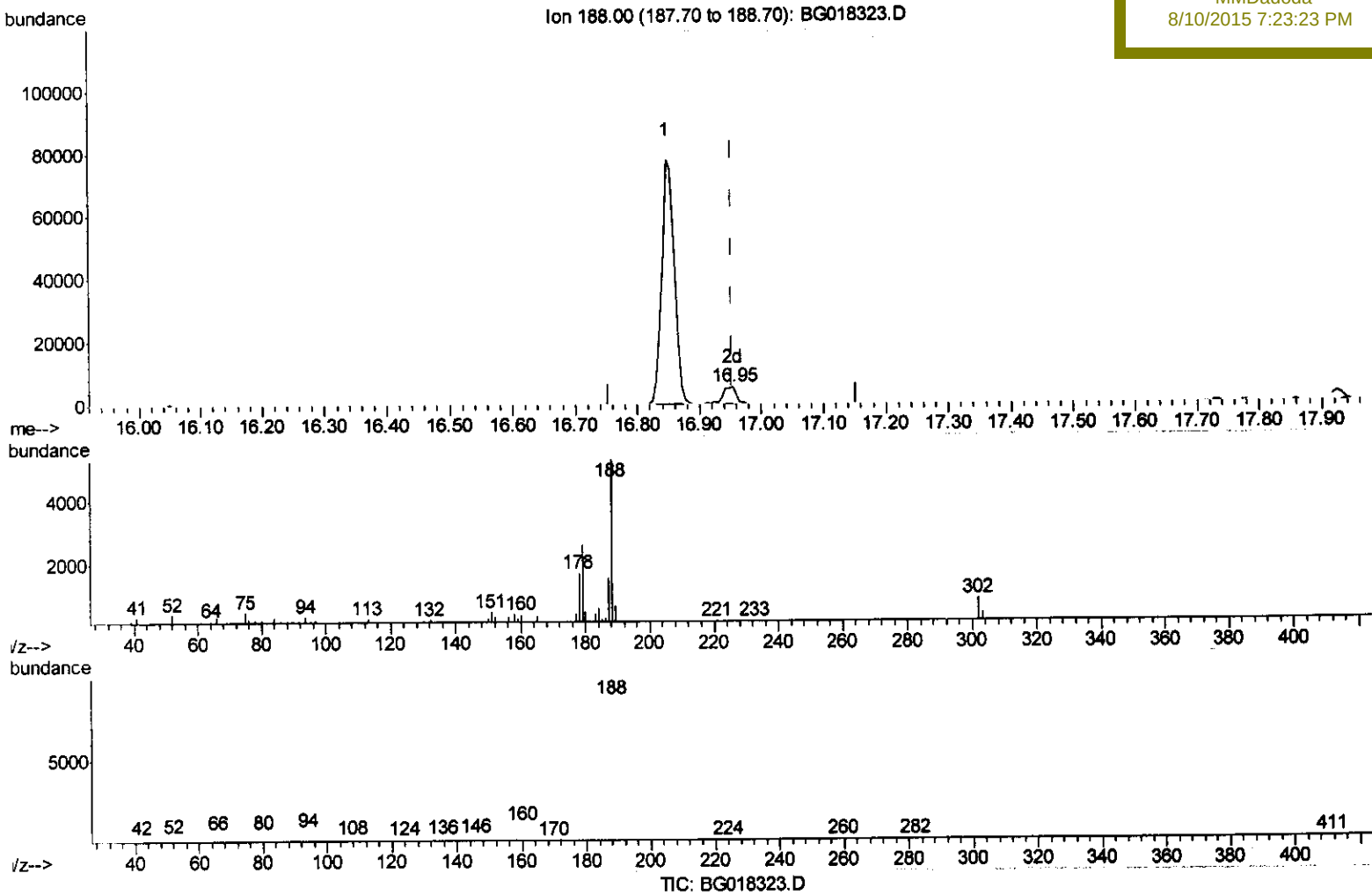
Ion	Exp%	Act%
188.00	100	100
94.00	6.70	5.65
80.00	5.40	6.20
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018323.D
Acq On : 8 Aug 2015 10:09
Operator : UM/TP
Sample : G3095-12DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 02:07:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:57:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01S3DL

Manual Integrations
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(71) Anthracene-d10 (S)

16.954min (+0.001) 1.35ng/ul m

response 7743

Ion	Exp%	Act%
188.00	100	100
94.00	6.70	6.07
80.00	5.40	3.94#
0.00	0.00	0.00

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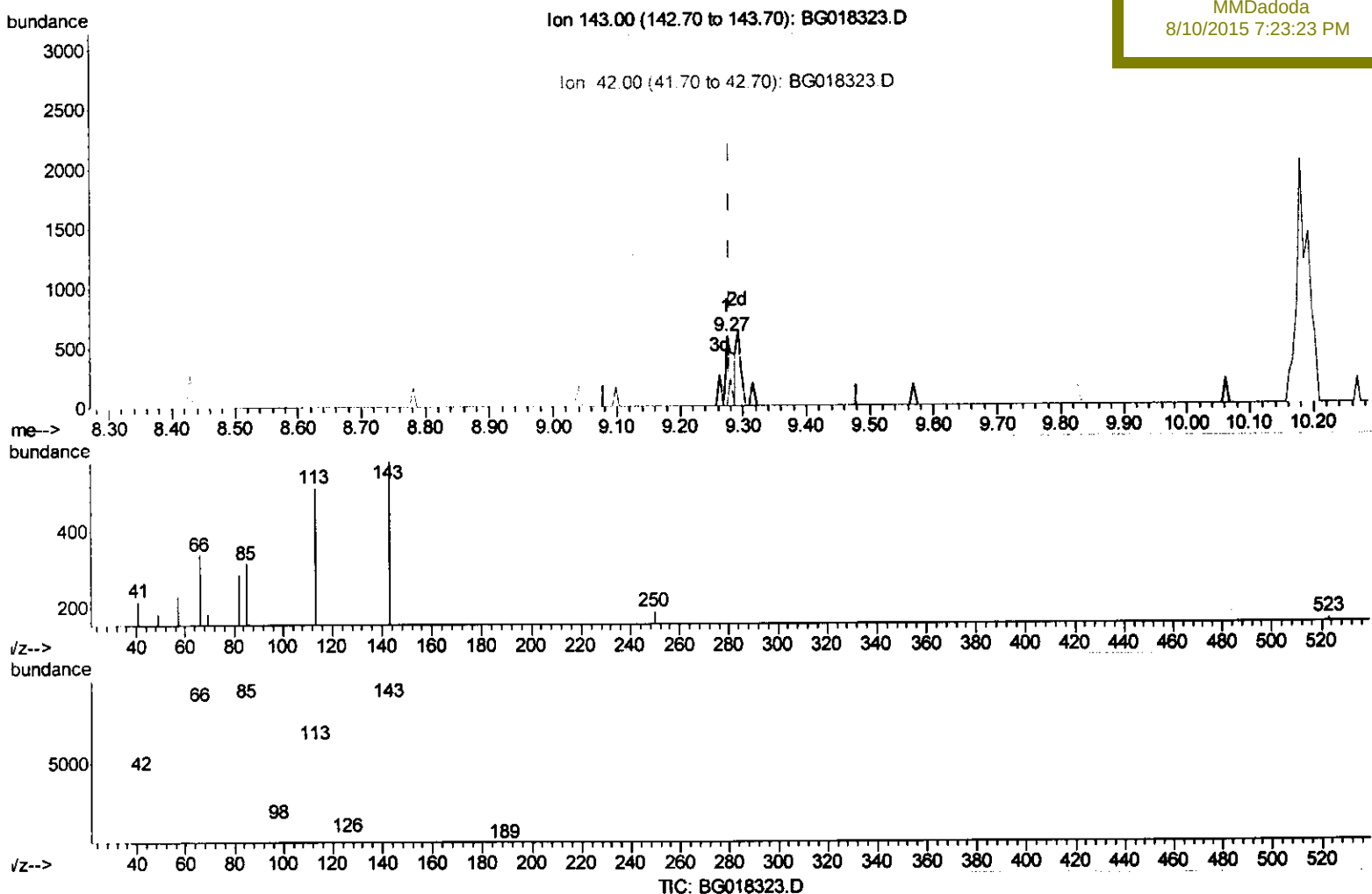
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018323.D
 Acq On : 8 Aug 2015 10:09
 Operator : UM/TP
 Sample : G3095-12DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 02:07:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C01S3DL

Manual Integrations
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(22) 2-Nitrophenol-d4 (S)

9.275min (-0.005) 0.74ng/ul

response 517

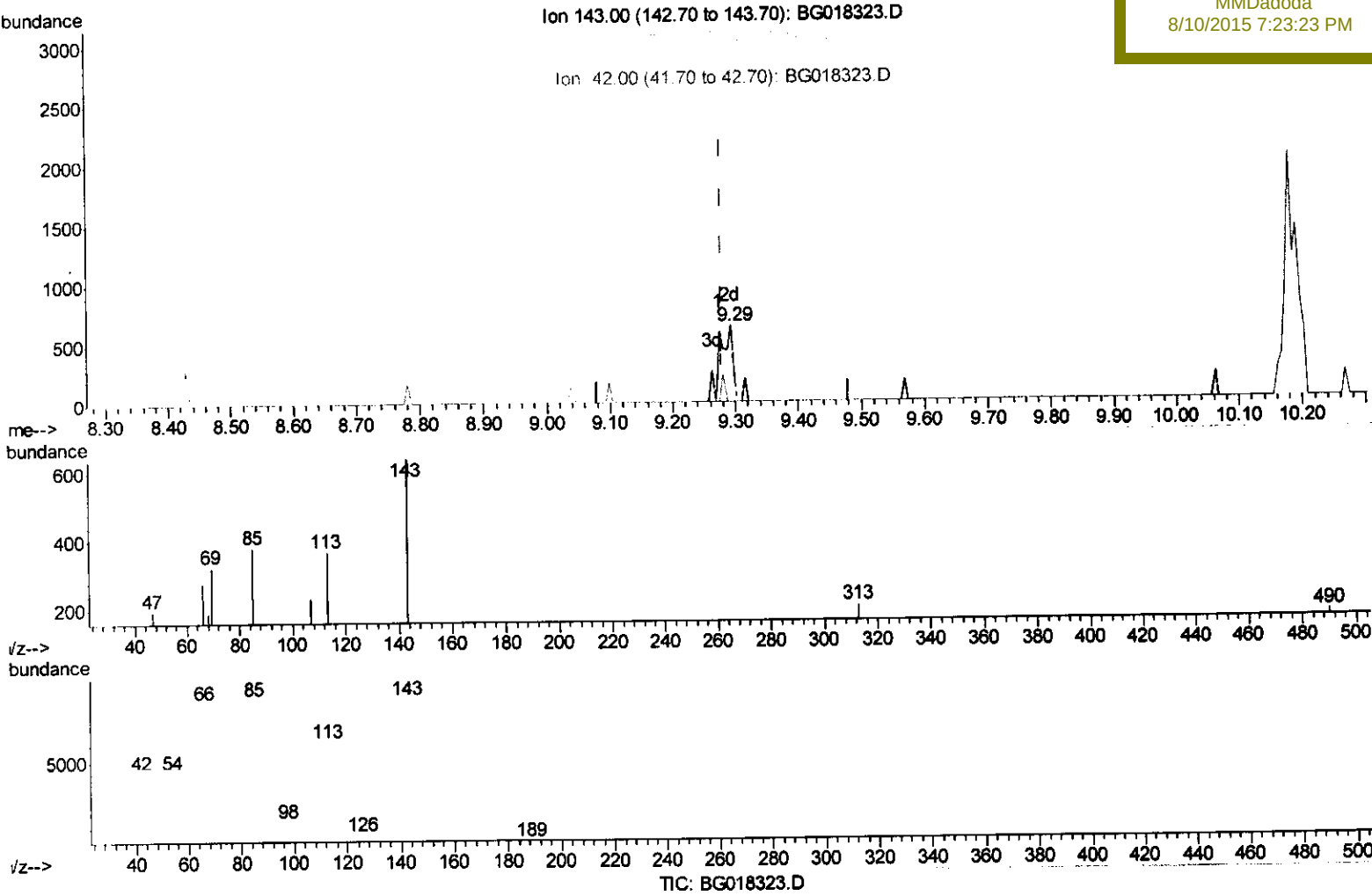
Ion	Exp%	Act%
143.00	100	100
69.00	81.80	30.94#
41.00	25.50	36.75#
42.00	42.10	0.00#

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
Data File : BG018323.D
Acq On : 8 Aug 2015 10:09
Operator : UM/TP
Sample : G3095-12DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 02:07:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
Qlast Update : Mon Aug 10 01:57:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C01S3DL

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(22) 2-Nitrophenol-d4 (S)

9.292min (+0.013) 1.21ng/ul m

response 838

Ion	Exp%	Act%
143.00	100	100
69.00	81.80	50.63#
41.00	25.50	0.00#
42.00	42.10	0.00#

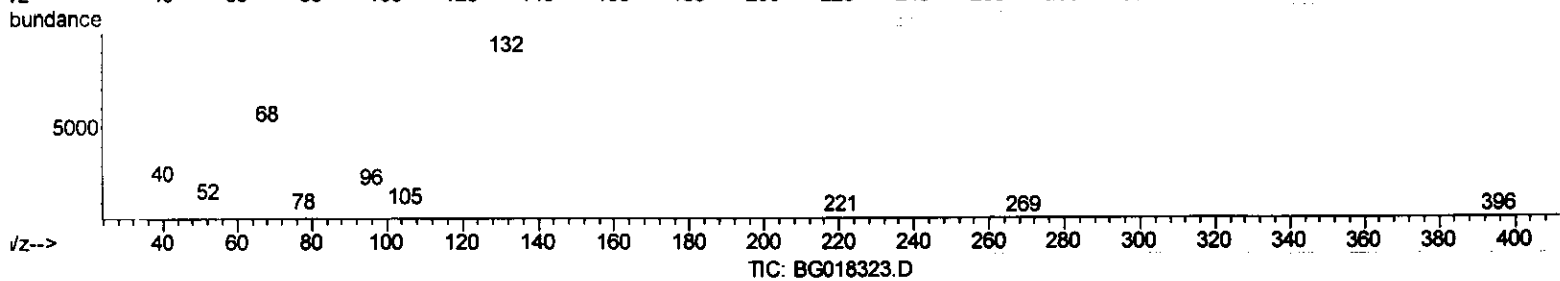
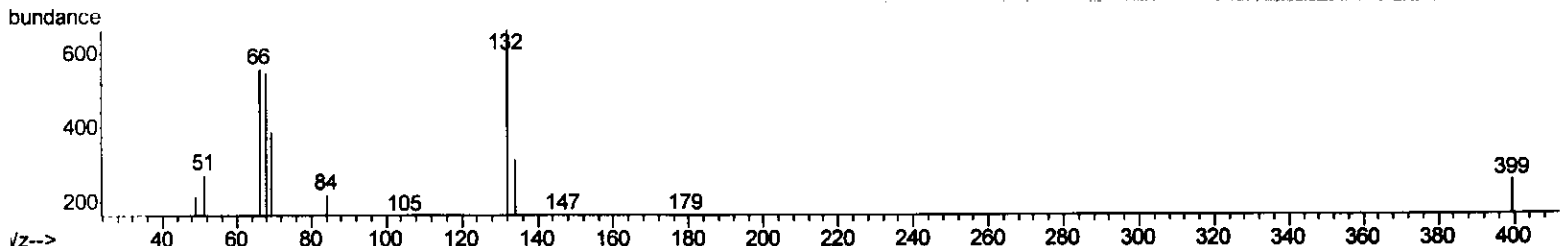
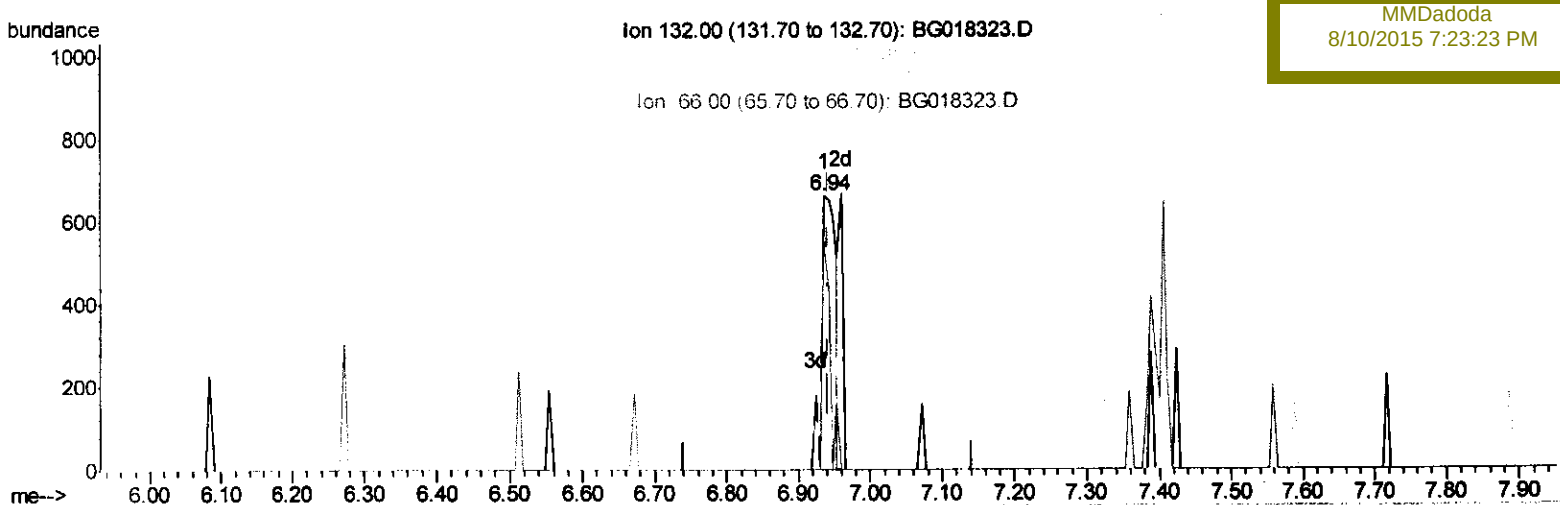
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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018323.D
 Acq On : 8 Aug 2015 10:09
 Operator : UM/TP
 Sample : G3095-12DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 02:07:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C01S3DL

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(9) 2-Chlorophenol-d4 (S)
 6.936min (-0.005) 0.76ng/ul
 response 854

Ion	Exp%	Act%
132.00	100	100
134.00	33.00	47.05#
68.00	50.50	82.15#
66.00	47.90	84.11#

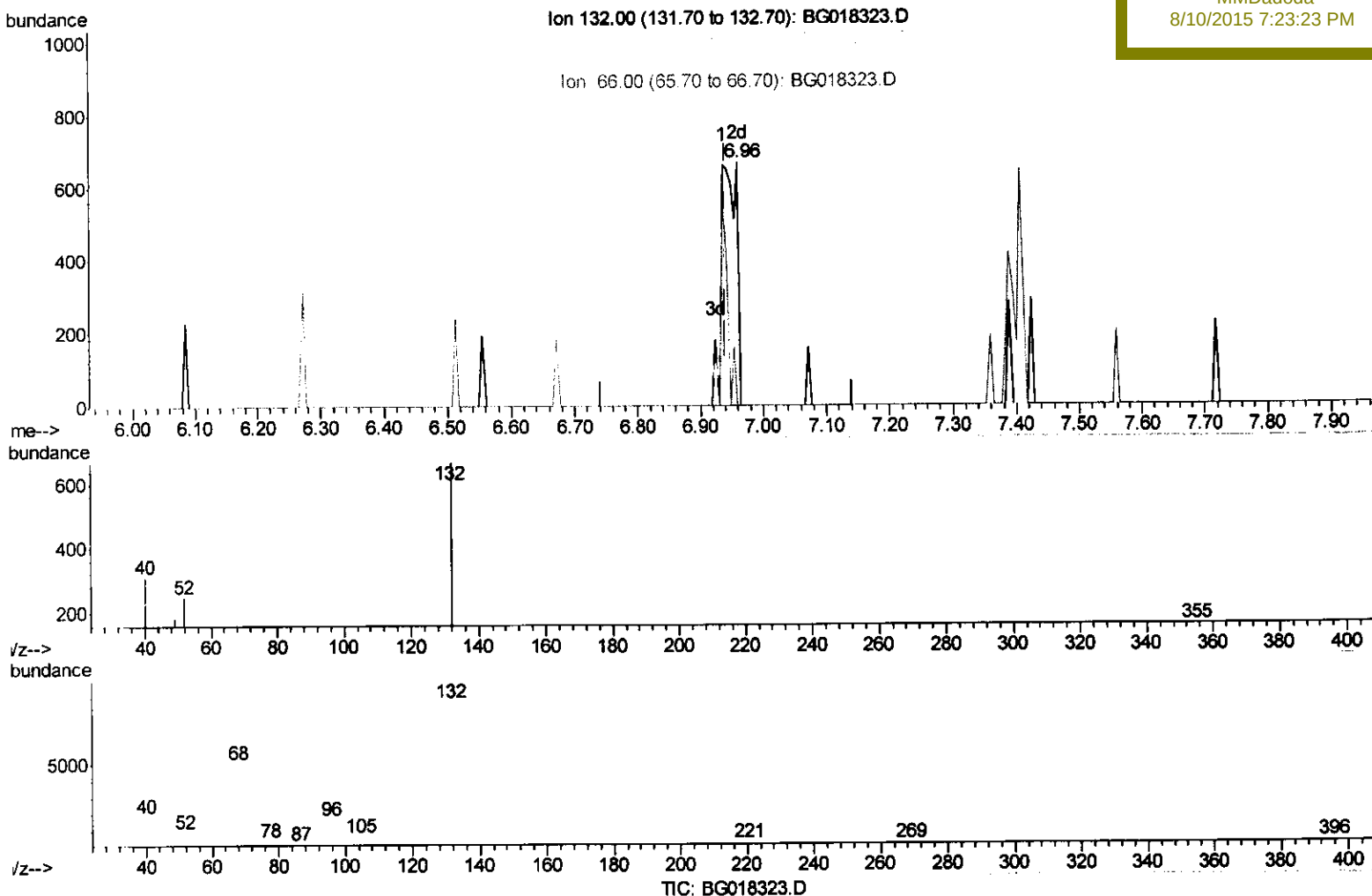
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080815\
 Data File : BG018323.D
 Acq On : 8 Aug 2015 10:09
 Operator : UM/TP
 Sample : G3095-12DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 02:07:45 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 10 01:57:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampled :
 C01S3DL

Manual Integrations
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(9) 2-Chlorophenol-d4 (S)

6.960min (+0.018) 0.97ng/ul m

response 1089

Ion	Exp%	Act%
132.00	100	100
134.00	33.00	0.00#
68.00	50.50	0.00#
66.00	47.90	0.00#

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Data Path : Z:\HPCHEM1\BNA_G\Data\BG080815\
Data File : BG018323.D
Acq On : 8 Aug 2015 10:09
Operator : UM/TP
Sample : G3095-12DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 04:24:17 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 01:57:33 2015
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Instrument :
BNA_G
ClientSampleId :
C01S3DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	14644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	66152	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.09	164	45519	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	106684	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	85604	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	68123	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.61	99	1366	1.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	1170	1.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	1089m>	0.97	ng/ul	0.02
13) 4-Methylphenol-d8	8.15	113	1227	1.06	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	298	0.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	838m>	1.21	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.84	165	1215	0.95	ng/ul	0.01
29) 4-Chloroaniline-d4	10.35	131	850	0.60	ng/ul	0.01
44) Dimethylphthalate-d6	13.51	166	5490	1.20	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	6156	1.21	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.09	176	5474	1.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.95	188	7743m>	1.35	ng/ul	0.00
79) Pyrene-d10	19.26	212	6283	1.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	5293	1.20	ng/ul	0.00

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Target Compounds					Qvalue
28) Naphthalene	10.23	128	39130	10.31	ng/ul 95
34) 2-Methylnaphthalene	11.87	142	6480	2.16	ng/ul 99
50) Acenaphthene	14.15	153	36809	10.79	ng/ul 98
54) Dibenzofuran	14.50	168	19169	3.82	ng/ul 97
59) Fluorene	15.15	166	27067	6.21	ng/ul 91
70) Phenanthrene	16.90	178	281967	42.26	ng/ul 97
72) Anthracene	16.98	178	63939	9.53	ng/ul 98
75) Carbazole	17.27	167	29548	5.70	ng/ul# 89
77) Fluoranthene	18.93	202	351959	48.38	ng/ul 98
80) Pyrene	19.29	202	274314	43.96	ng/ul 98
83) Benzo(a)anthracene	21.05	228	130792	22.45	ng/ul 98
85) Chrysene	21.10	228	119199m>	22.11	ng/ul
88) Benzo(b)fluoranthene	22.58	252	145586	28.21	ng/ul 97
89) Benzo(k)fluoranthene	22.62	252	39614	8.03	ng/ul# 94
91) Benzo(a)pyrene	23.12	252	97107	20.89	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.38	276	76226	13.43	ng/ul 99
93) Dibenzo(a,h)anthracene	25.39	278	21202m>	4.29	ng/ul
94) Benzo(g,h,i)perylene	26.03	276	71111m>	15.38	ng/ul

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