Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121715\
Data File : BM003605.D
Acq On : 17 Dec 2015 18:42
Operator : UM/IZ
Sample : G4767-11DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 18 00:46:36 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 00:41:46 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9N33DL

Manual Integrations APPROVED
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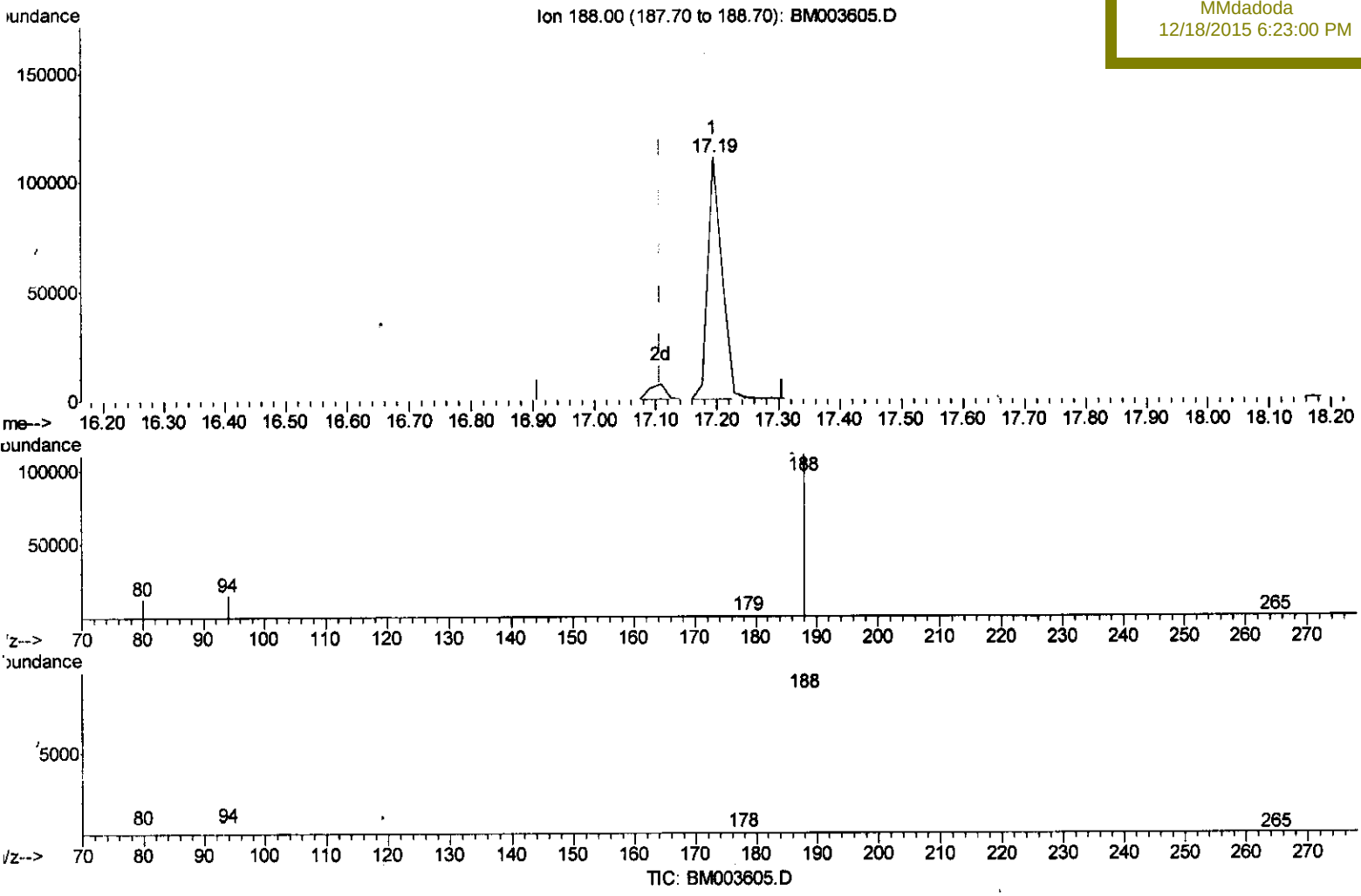
12/18/2015 6:23:00 PM



(12) Phenanthrene-d10 (I)

17.193min (+0.086) 0.40ng/ul

response 177793

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	13.55
80.00	11.90	11.51
0.00	0.00	0.00

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Acq On : 17 Dec 2015 18:42
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Sample : G4767-11DL 5X
Misc :
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Quant Time: Dec 18 00:46:36 2015
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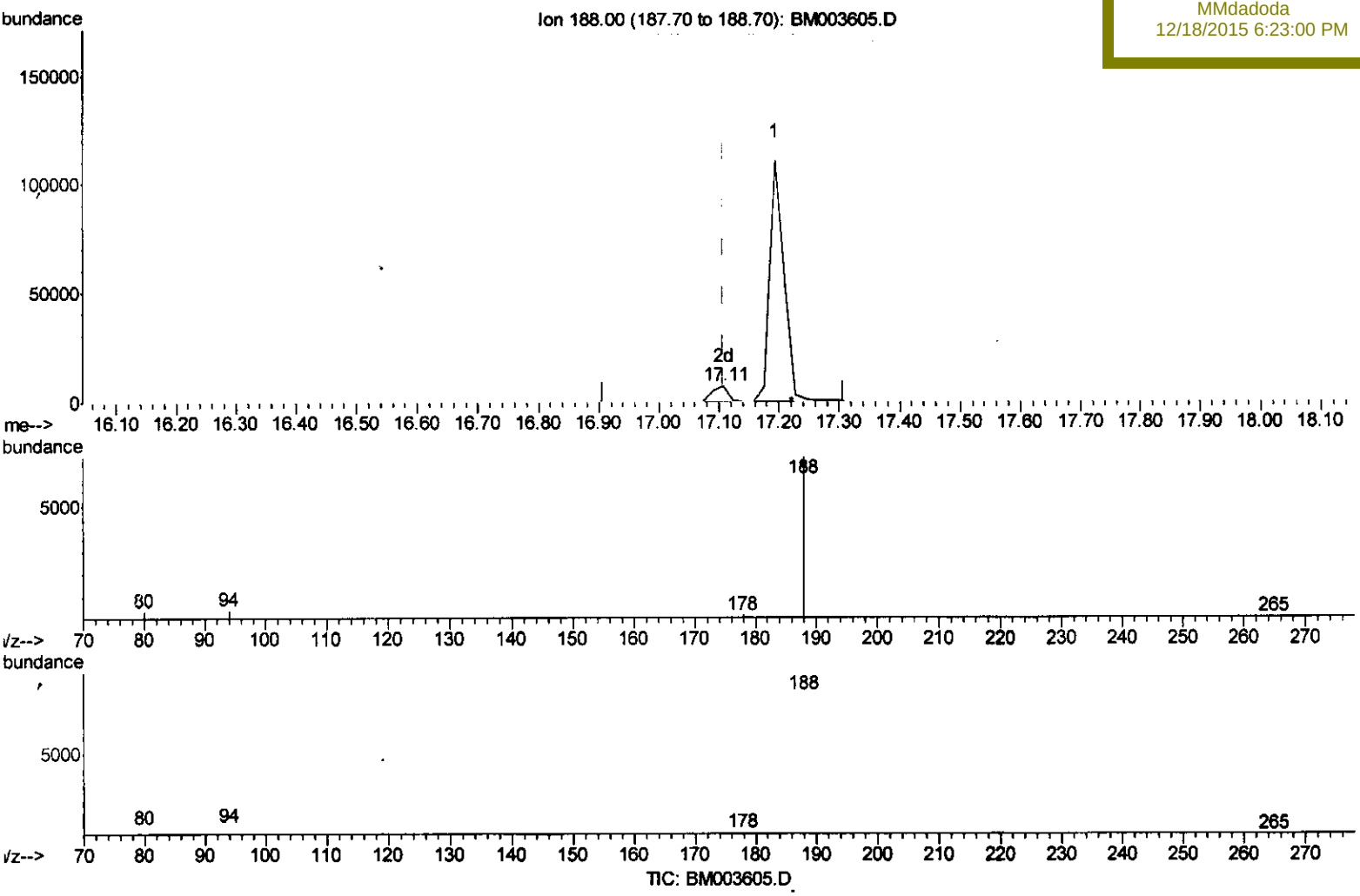
12/18/2015 6:23:00 PM



(12) Phenanthrene-d10 (I)

17.108min (-0.000) 0.40ng/ul m

response 13588

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	5.54#
80.00	11.90	4.80#
0.00	0.00	0.00

UM 12/18/15

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121715\
Data File : BM003605.D
Acq On : 17 Dec 2015 18:42
Operator : UM/IZ
Sample : G4767-11DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 18 04:10:23 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 00:41:46 2015
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : D9N33DL

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U-21 12/18/15

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2458	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	10124	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.35	164	6058	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	13588m	0.40	ng/ul	0.00
18) Chrysene-d12	21.30	240	10585	0.40	ng/ul	0.00
22) Perylene-d12	23.56	264	9503	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	2678	2.55	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	932	0.08	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	1798	0.06	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.55	128	4331	0.19	ng/ul#	94
7) 2-Methylnaphthalene	12.16	142	6111	0.40	ng/ul	98
9) Acenaphthylene	14.07	152	820	0.04	ng/ul#	72
10) Acenaphthene	14.42	153	12384	0.66	ng/ul	95
11) Fluorene	15.41	166	12538	0.61	ng/ul	94
14) Phenanthrene	17.14	178	48170	1.37	ng/ul	96
17) Fluoranthene	19.17	202	21499	0.56	ng/ul	98
19) Pyrene	19.53	202	16831	0.59	ng/ul	97
20) Benzo(a)anthracene	21.28	228	2433	0.09	ng/ul#	89
21) Chrysene	21.34	228	1800	0.06	ng/ul#	87

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

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