

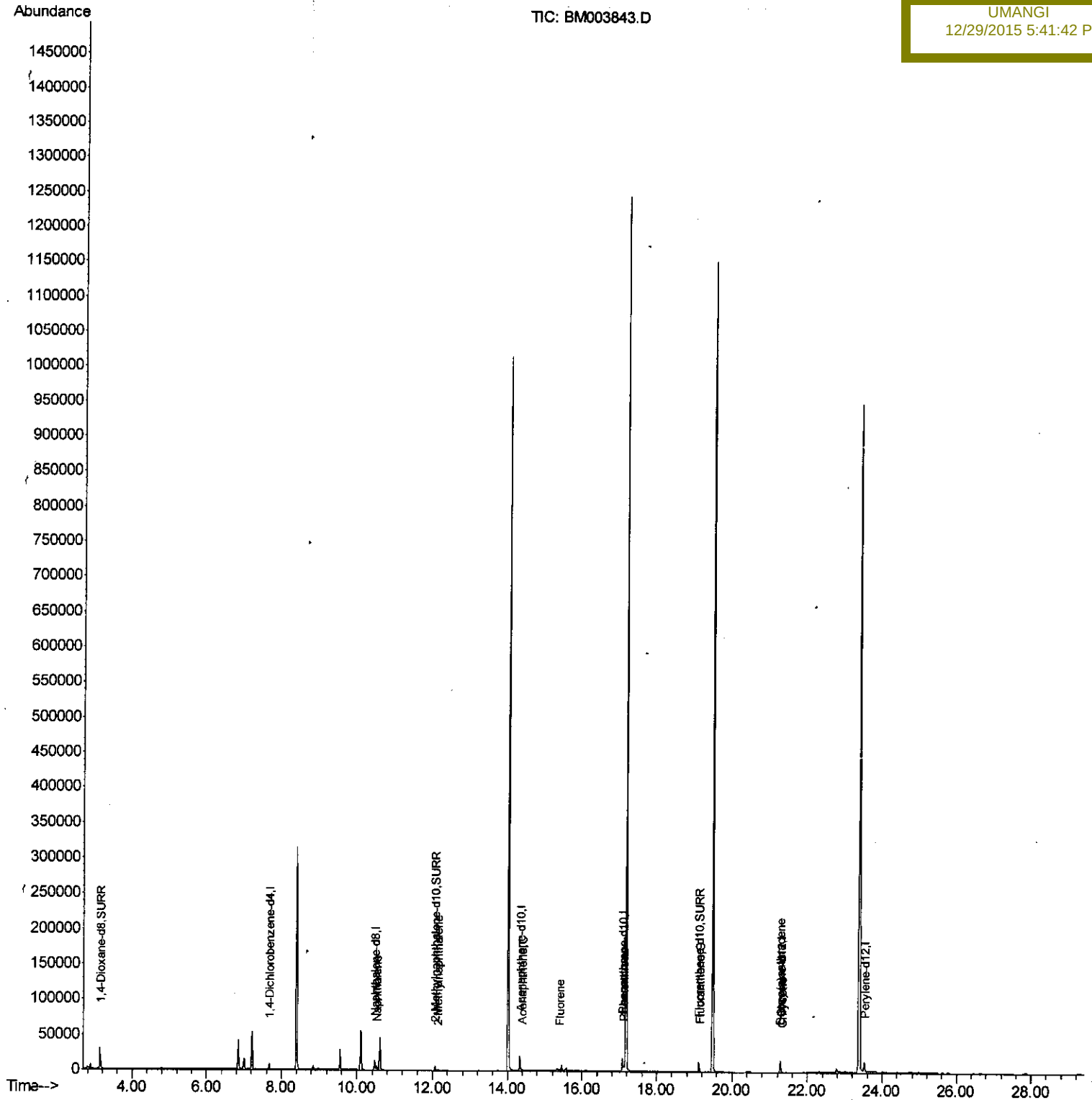
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
Data File : BM003843.D
Acq On : 28 Dec 2015 23:57
Operator : SJ/UM
Sample : G4848-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 08:13:48 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 : Tue Dec 29 07:09:39 2015
Response via : Initial Calibration

Instrument :
BNA M
ClientSampleId :
D9N55

Manual Integrations
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12/29/2015 5:41:42 PM



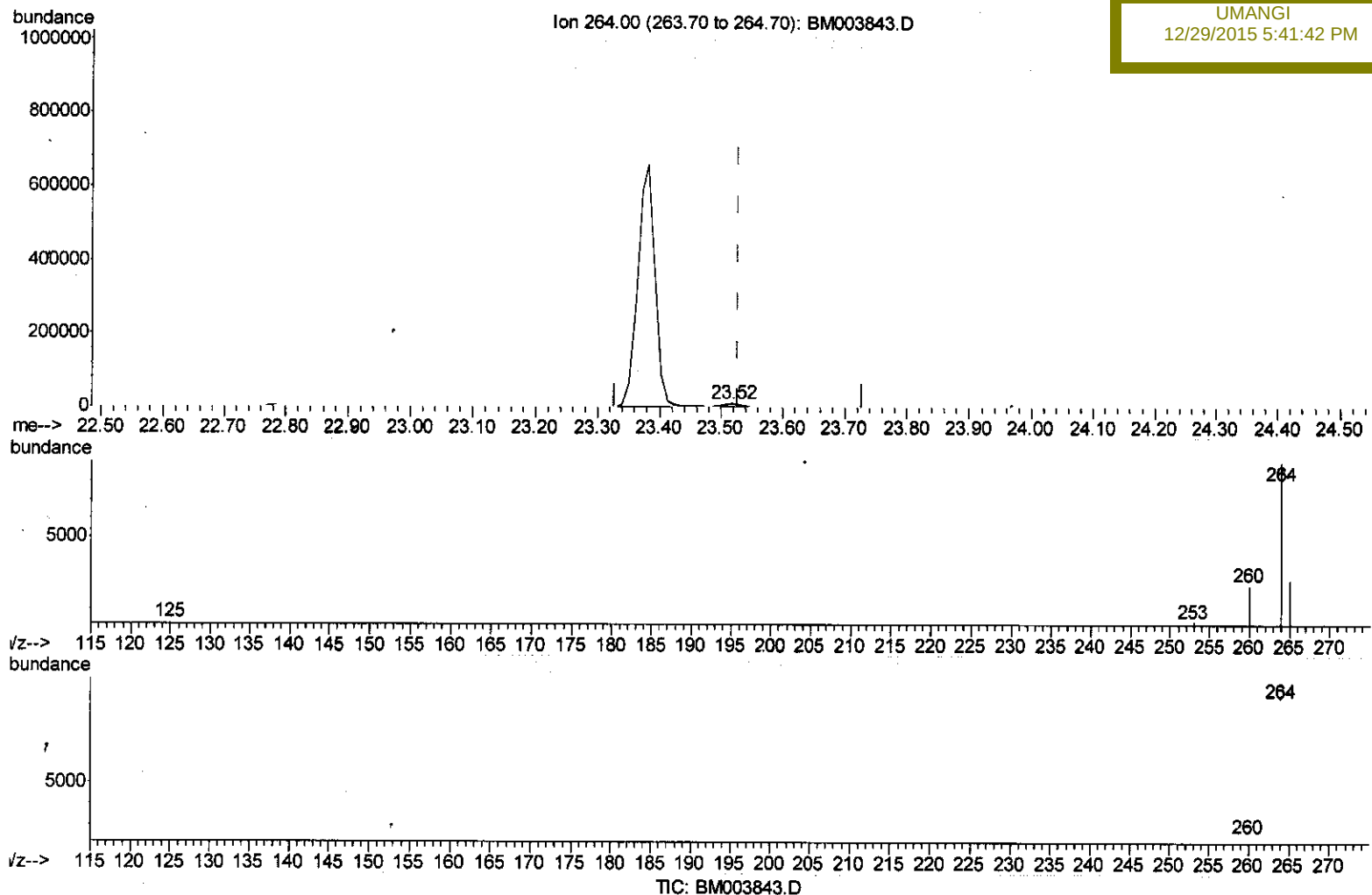
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(22) Perylene-d12 (I)

23.517min (-0.010) 0.40ng/ul m

response 13728

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.05
265.00	38.20	29.10#
0.00	0.00	0.00

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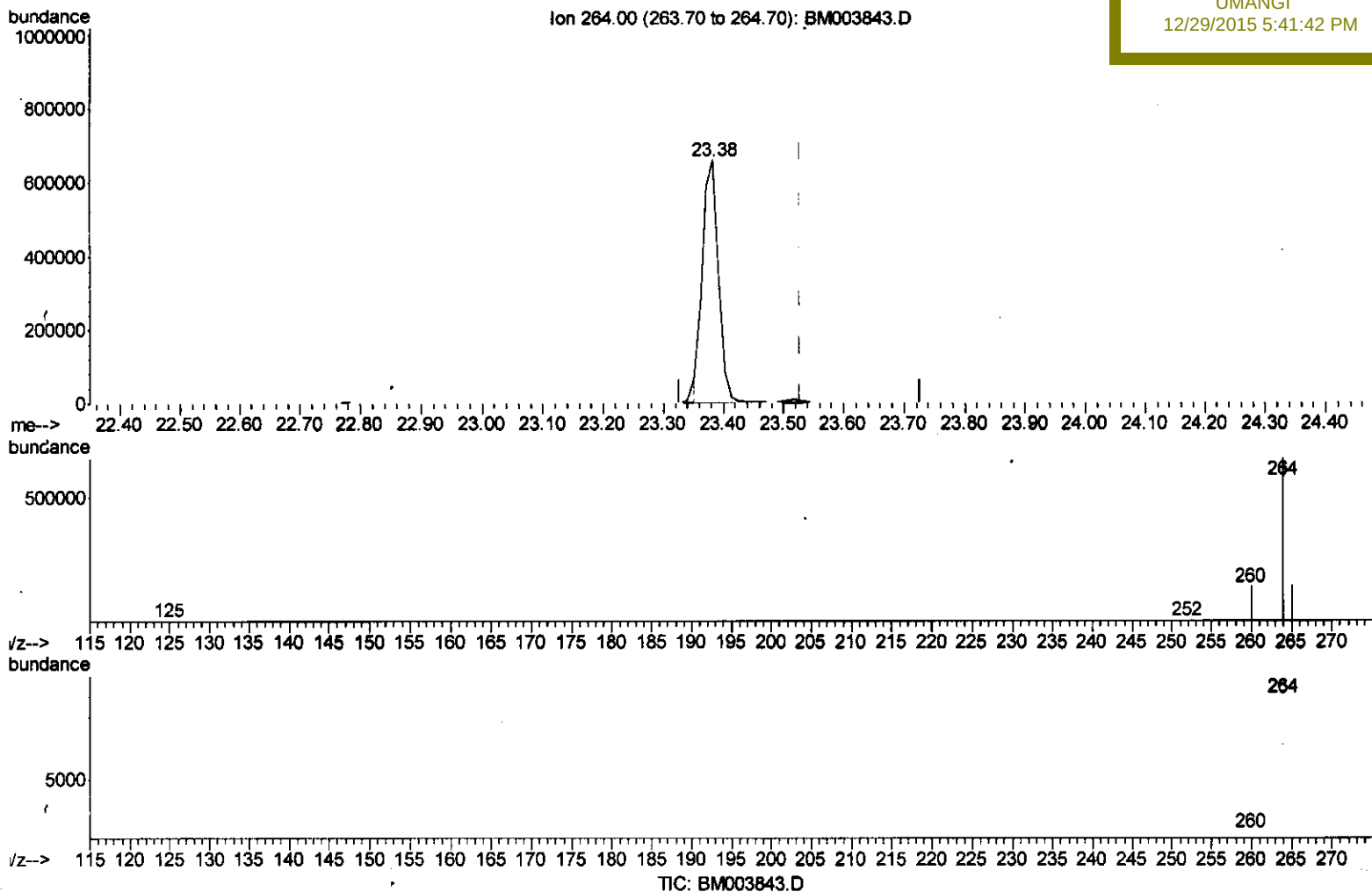
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(22) Perylene-d12 (I)

23.382min (-0.146) 0.40ng/ul

response 1239163

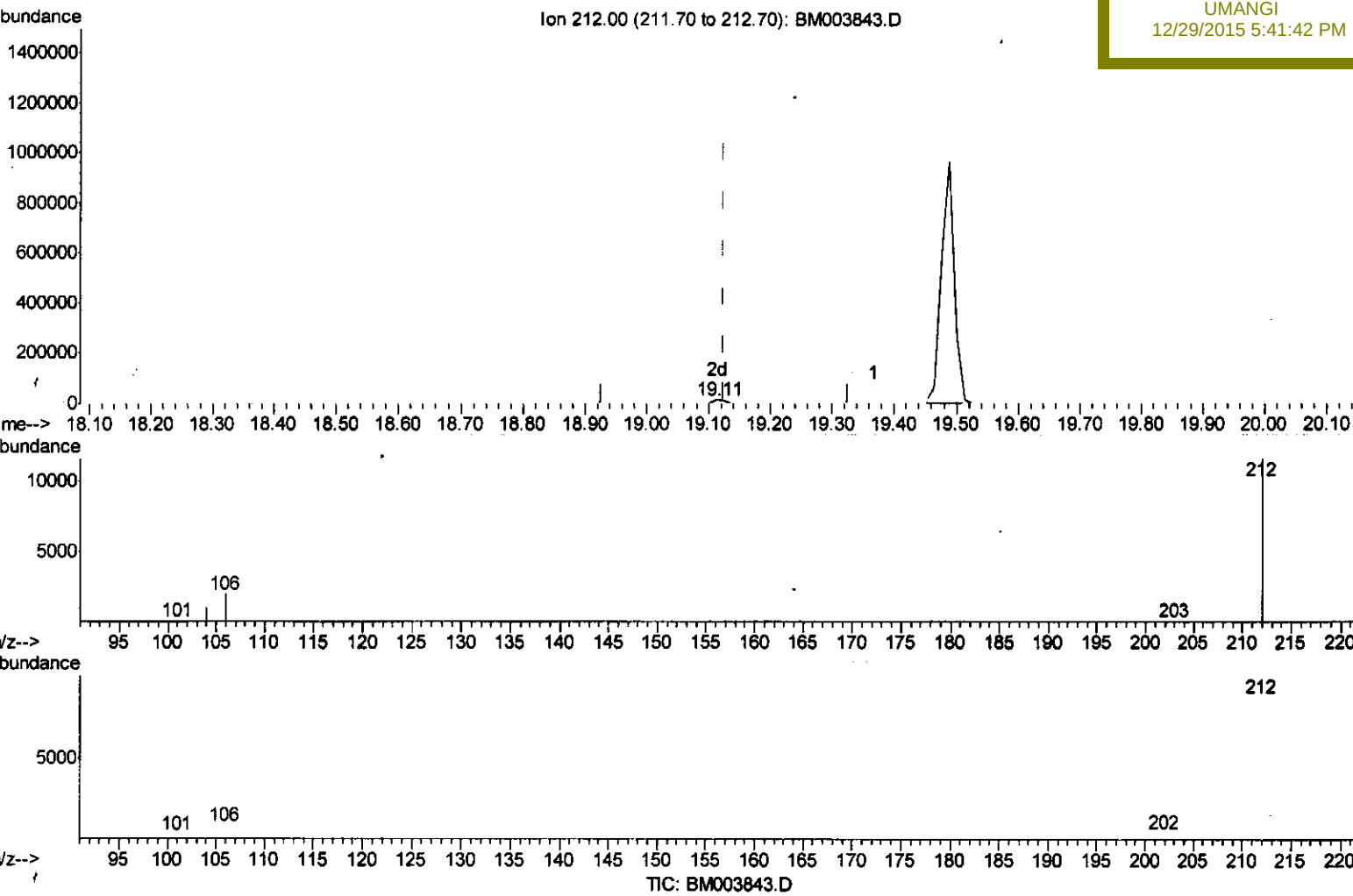
Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.09
265.00	38.20	22.26#
0.00	0.00	0.00

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(16) Fluoranthene-d10 (SURR)

19.113min (-0.012) 0.36ng/ul m

response 18014

Ion	Exp%	Act%
212.00	100	100
106.00	18.90	3.21#
104.00	11.10	0.29#
0.00	0.00	0.00

U.M
 12/31/15

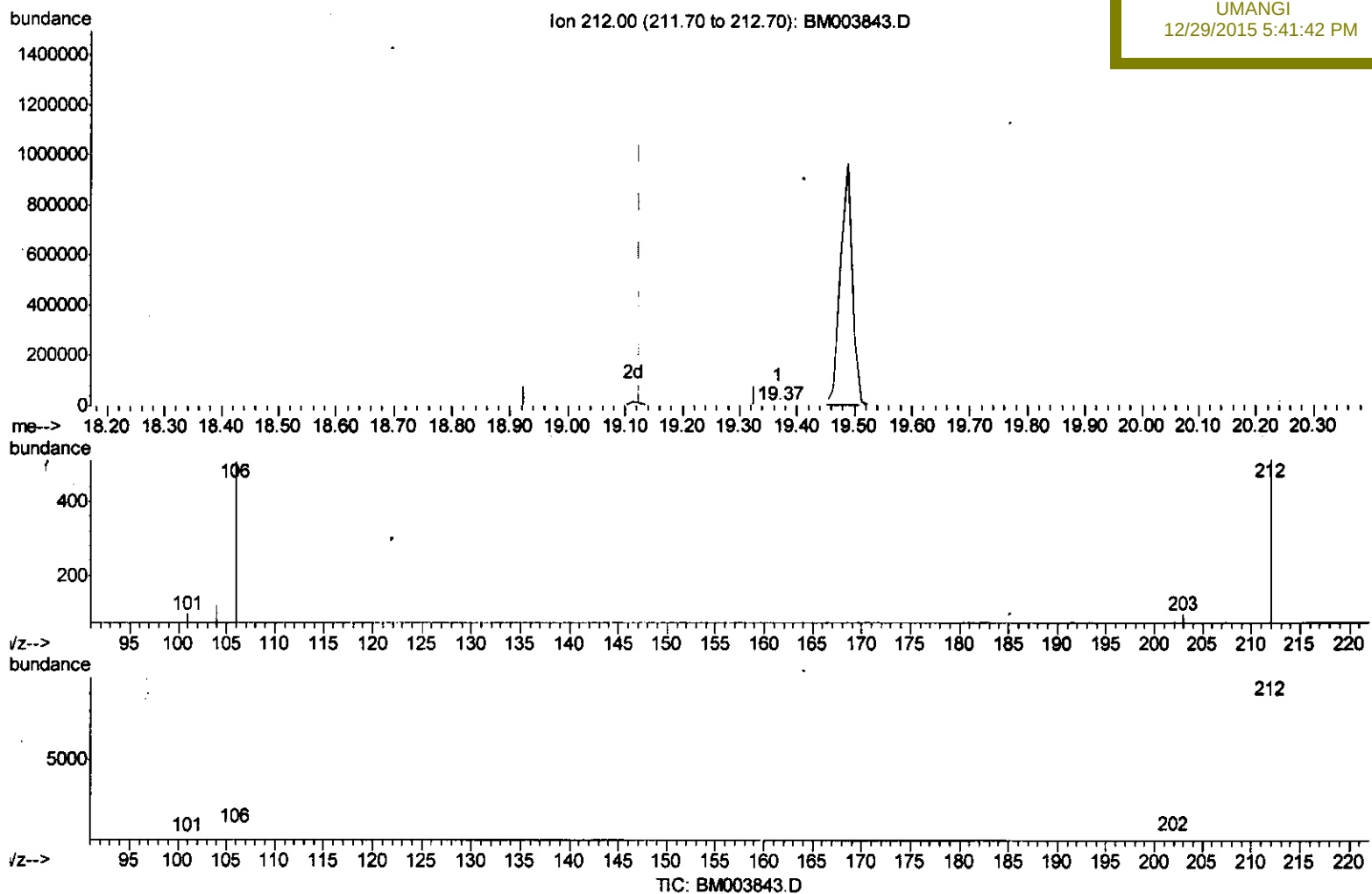
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
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(16) Fluoranthene-d10 (SURR)

19.368min (+0.242) 0.01ng/ul

response 735

Ion	Exp%	Act%
212.00	100	100
106.00	18.90	78.78#
104.00	11.10	7.07#
0.00	0.00	0.00

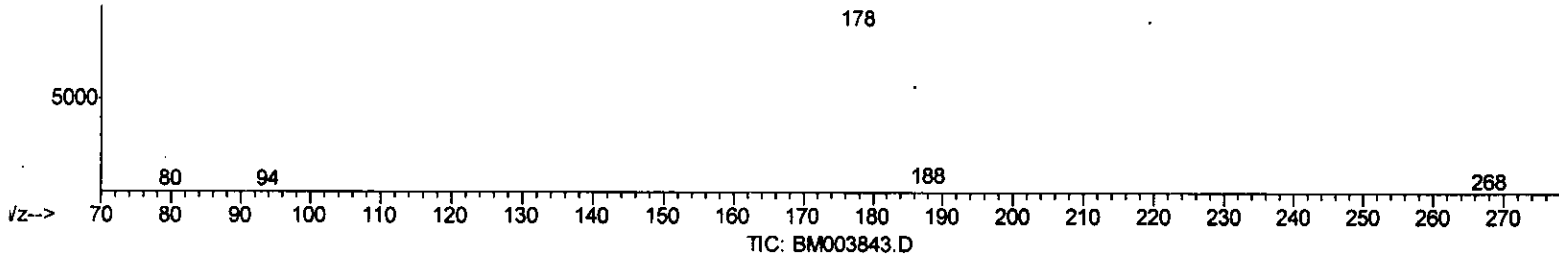
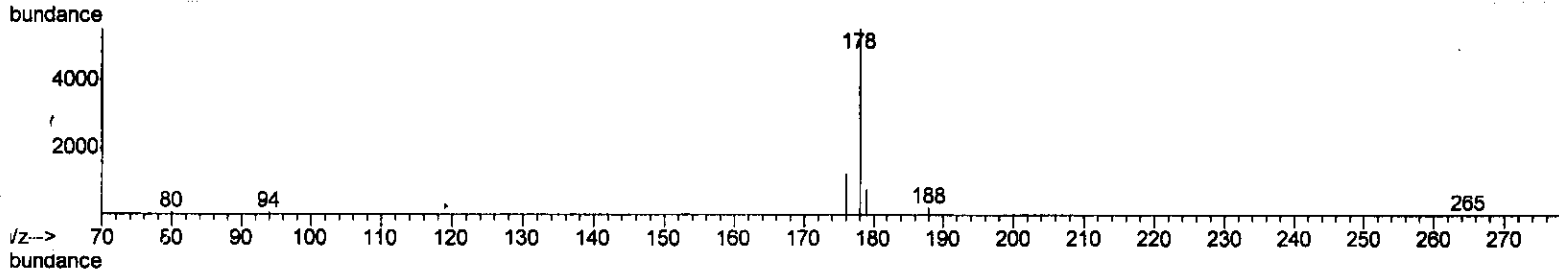
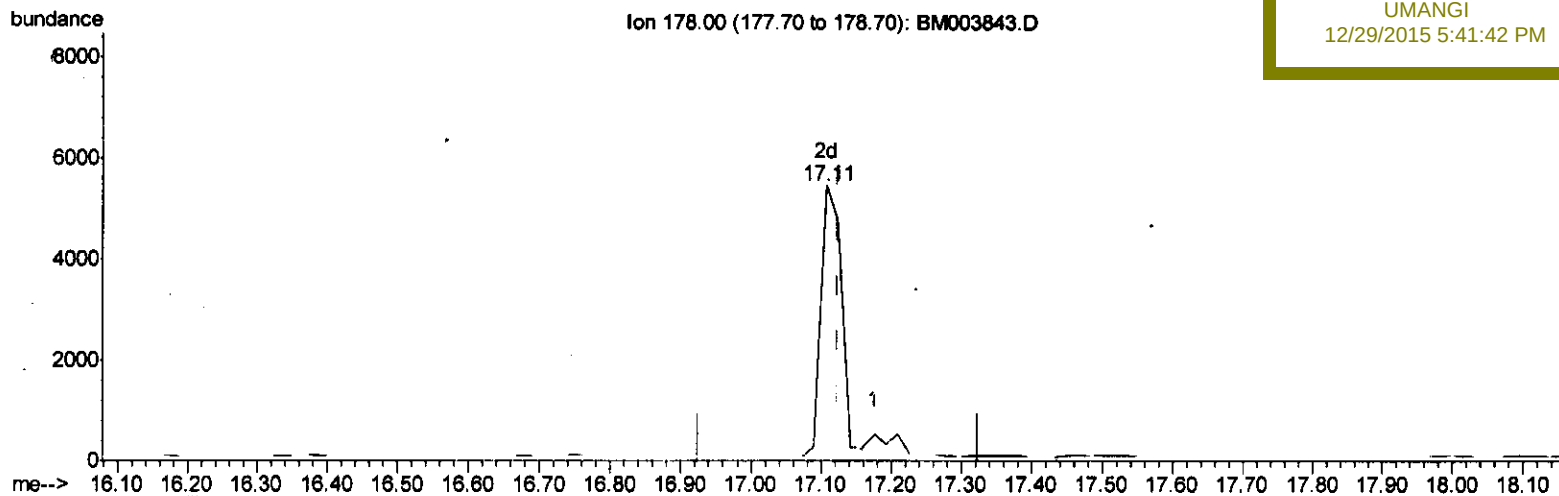
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(14) Phenanthrene

17.108min (-0.017) 0.18ng/ul m

response 10982

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	23.09#
179.00	17.70	14.77
0.00	0.00	0.00

U.M
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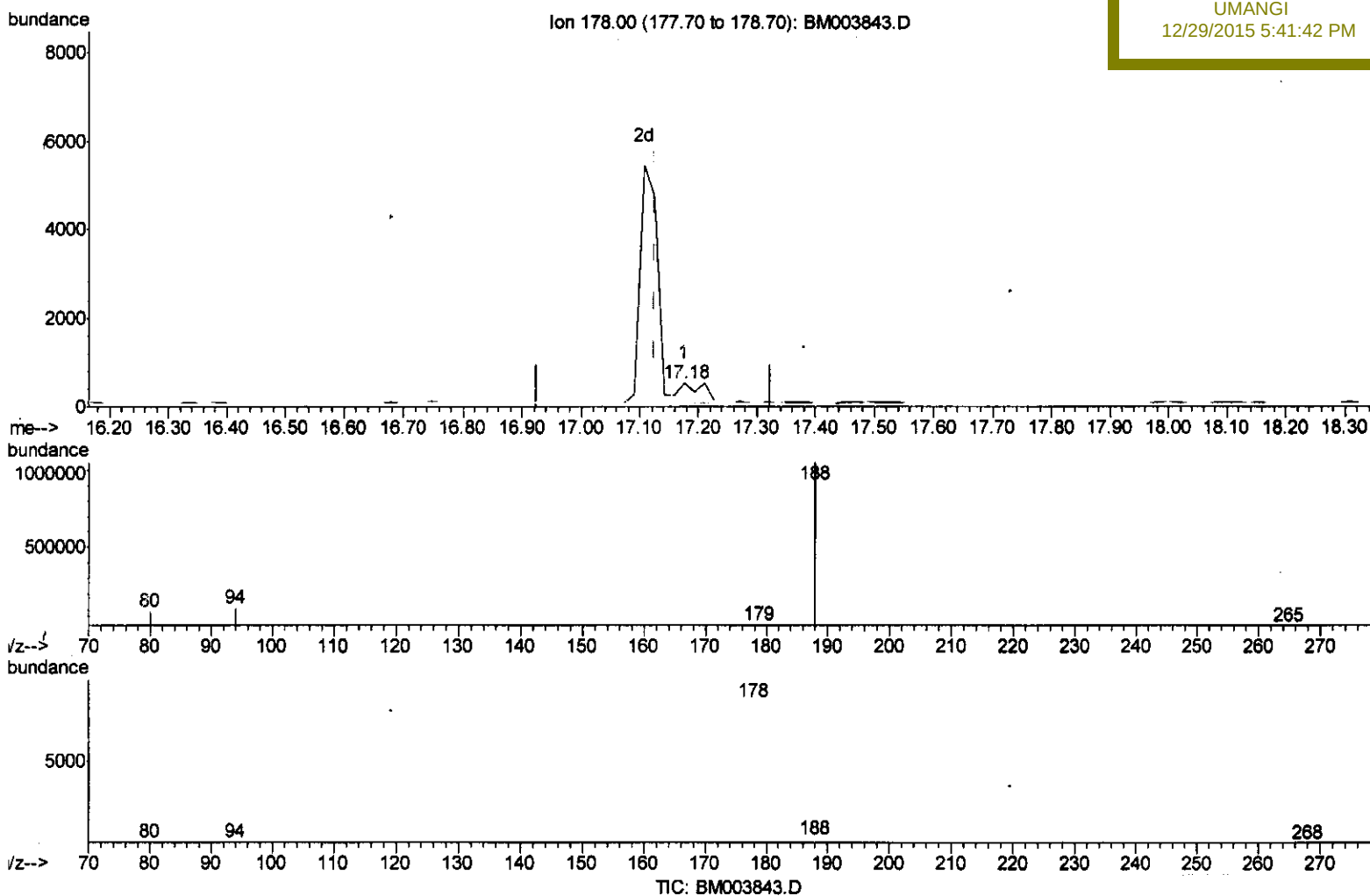
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(14) Phenanthrene

17.17min (+0.051) 0.02ng/ul

response 1299

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	15.54
179.00	17.70	261.24#
0.00	0.00	0.00

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 Sample : G4848-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

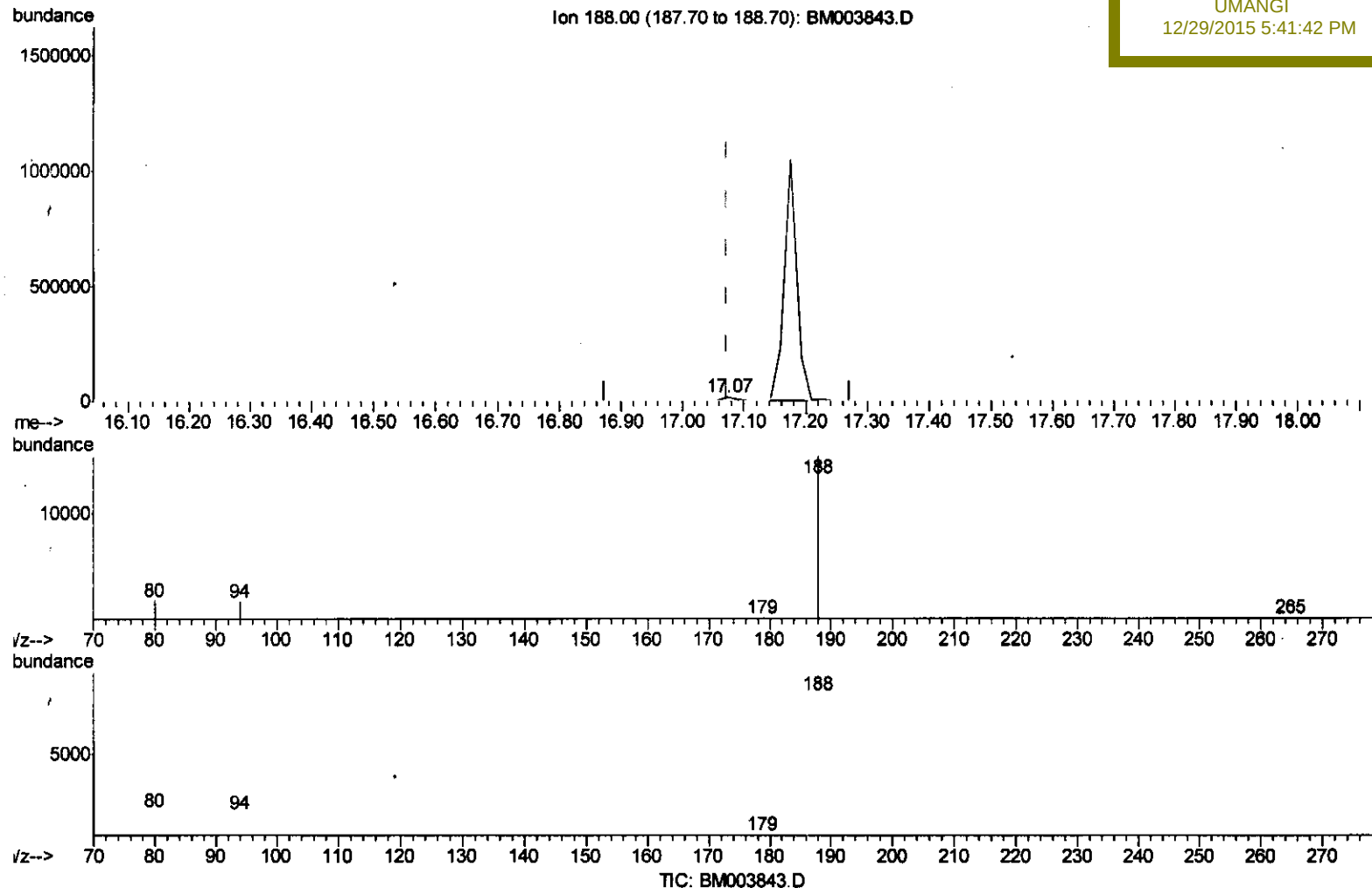
Instrument :
 BNA_M
 ClientSampleId :
 D9N55

Manual Integrations
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Quant Time: Dec 29 07:15:51 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 : Tue Dec 29 07:09:39 2015
 Response via : Initial Calibration

Ion 188.00 (187.70 to 188.70): BM003843.D



(12) Phenanthrene-d10 (l)

17.073min (-0.000) 0.40ng/ul m

response 23310

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.19
80.00	11.90	11.69
0.00	0.00	0.00

U.M
 12/31/15

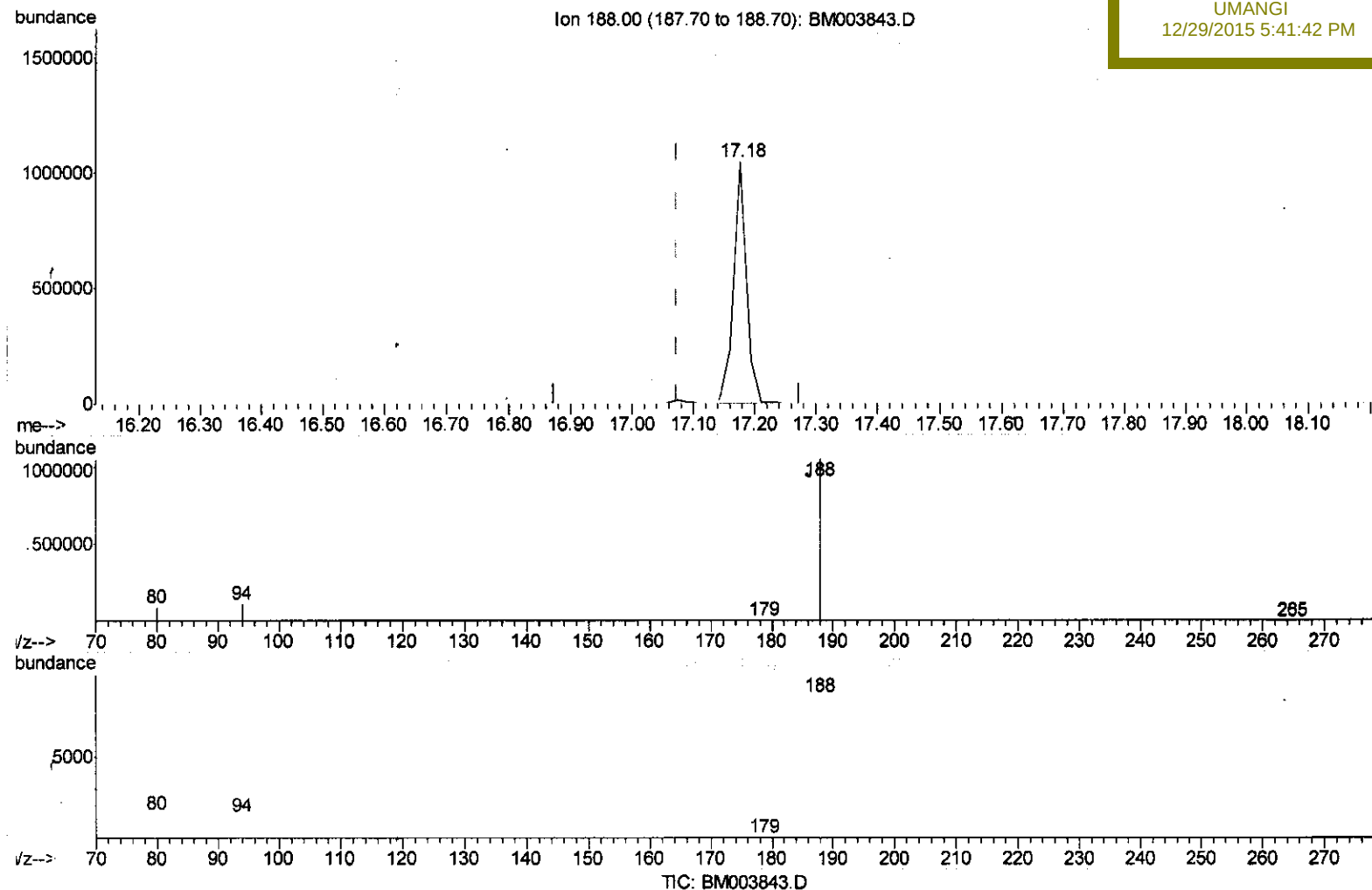
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003843.D
 Acq On : 28 Dec 2015 23:57
 Operator : SJ/UM
 Sample : G4848-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 07:15:51 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 : Tue Dec 29 07:09:39 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 D9N55

Manual Integrations
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(12) Phenanthrene-d10 (I)

17.176min (+0.103) 0.40ng/ul

response 1509128

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.33
80.00	11.90	8.23#
0.00	0.00	0.00

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D9N55

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4686	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	20212	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	11853	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	23310m	0.40	ng/ul	0.00
18) Chrysene-d12	21.29	240	17001	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	13728m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	23258	11.61	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.07	152	9120	0.38	ng/ul	0.00
16) Fluoranthene-d10	19.11	212	18014m	0.36	ng/ul	-0.01
Target Compounds						
5) Naphthalene	10.51	128	8205	0.18	ng/ul#	96
7) 2-Methylnaphthalene	12.14	142	1020	0.03	ng/ul	96
10) Acenaphthene	14.38	153	1438	0.04	ng/ul#	81
11) Fluorene	15.39	166	1880	0.05	ng/ul#	97
14) Phenanthrene	17.11	178	10982m	0.18	ng/ul	
17) Fluoranthene	19.15	202	5257	0.08	ng/ul	92
20) Benzo(a)anthracene	21.27	228	790	0.02	ng/ul#	72
21) Chrysene	21.32	228	767	0.02	ng/ul#	73

0.36
12/31/15

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