

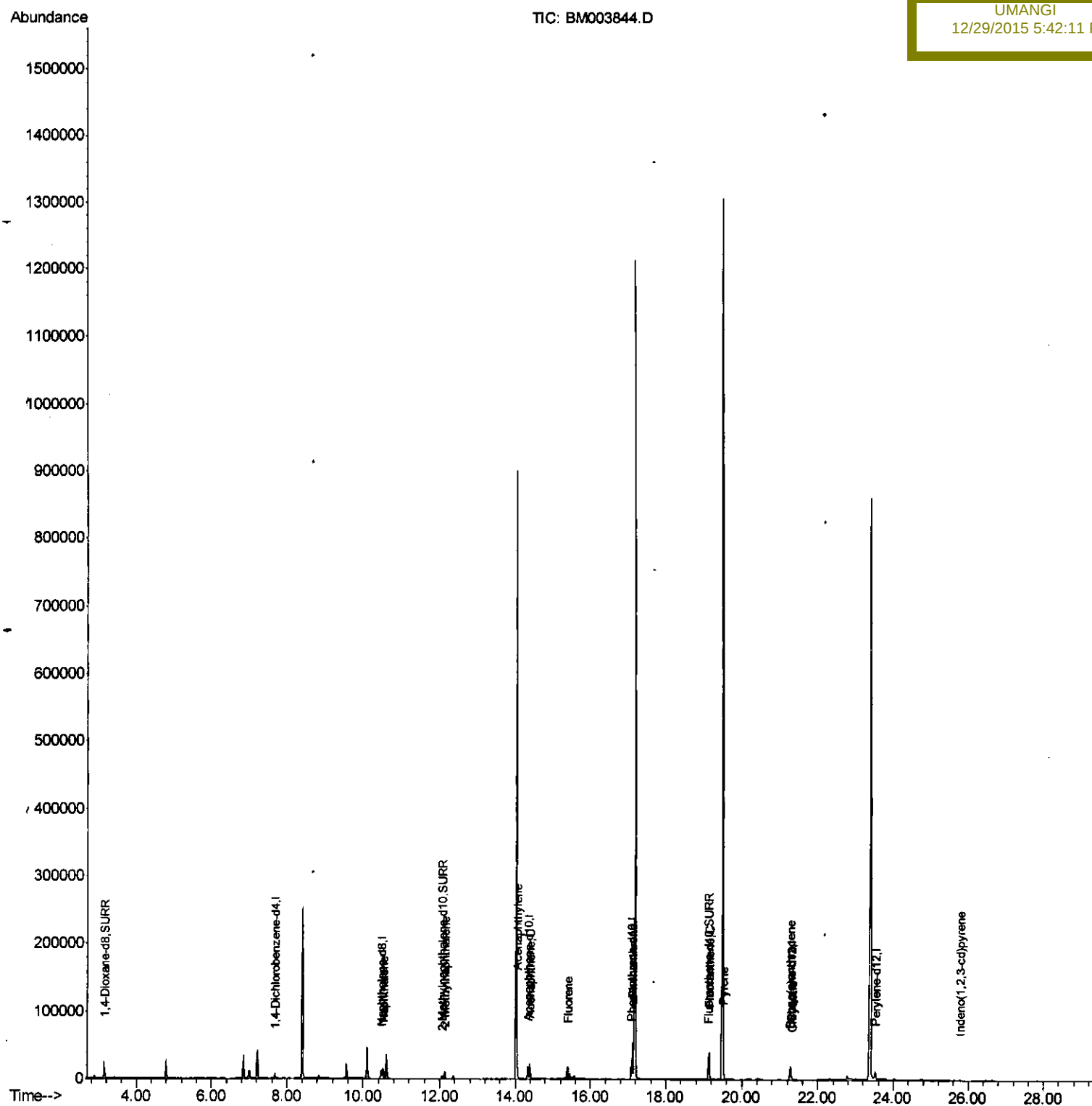
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
Data File : BM003844.D
Acq On : 29 Dec 2015 00:33
Operator : SJ/UM
Sample : G4848-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 29 08:19:24 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 :
D9N56

Manual Integrations
APPROVED

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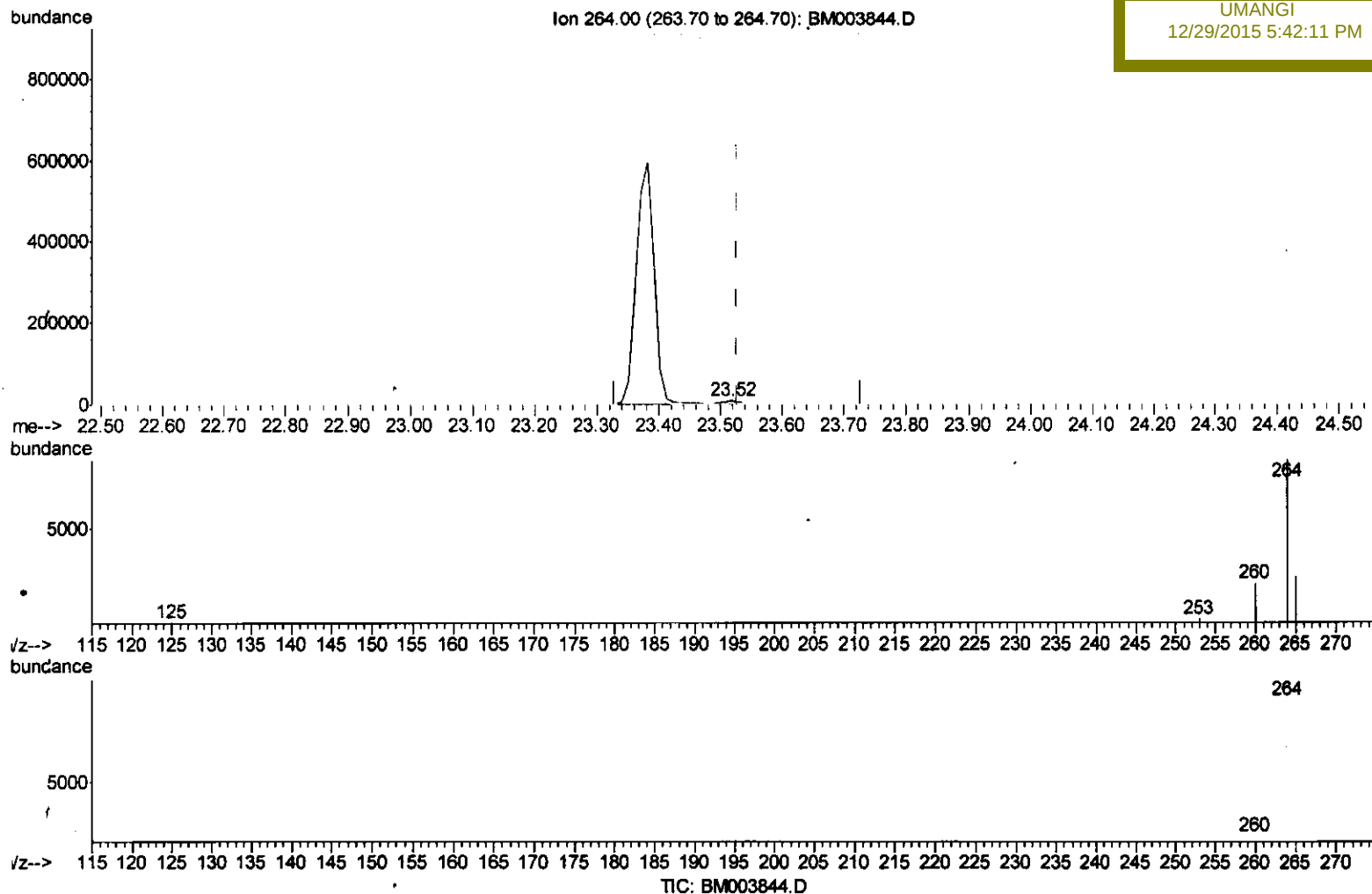
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003844.D
 Acq On : 29 Dec 2015 00:33
 Operator : SJ/UM
 Sample : G4848-10
 Misc :
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Quant Time: Dec 29 08:16:39 2015
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(22) Perylene-d12 (I)

23.517min (-0.011) 0.40ng/ul m

response 13207

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.20
265.00	38.20	29.73#
0.00	0.00	0.00

U.M
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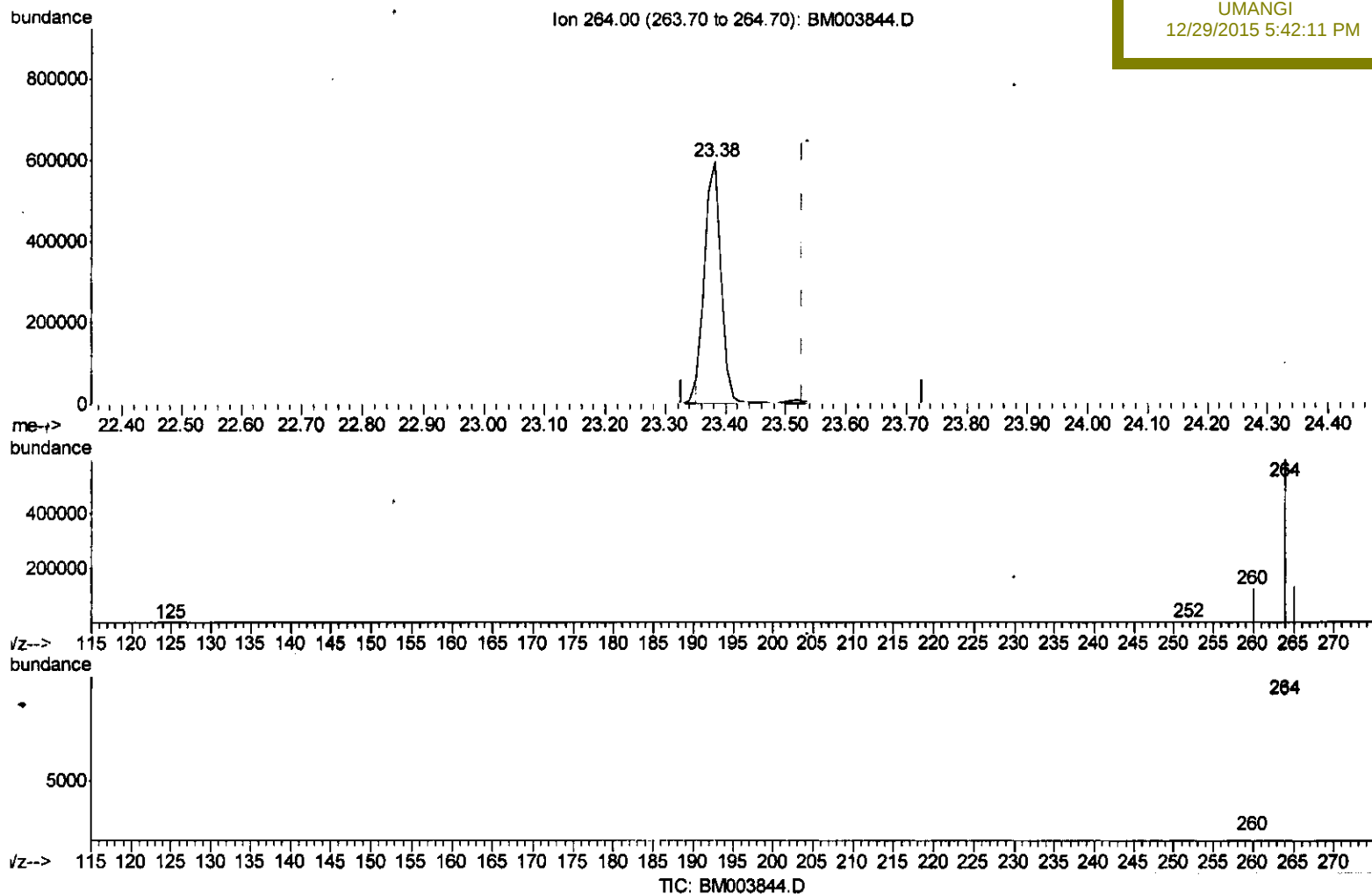
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
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 Misc :
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(22) Perylene-d12 (I)

23.382min (-0.146) 0.40ng/ul

response 1123895

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	20.71
265.00	38.20	22.19#
0.00	0.00	0.00

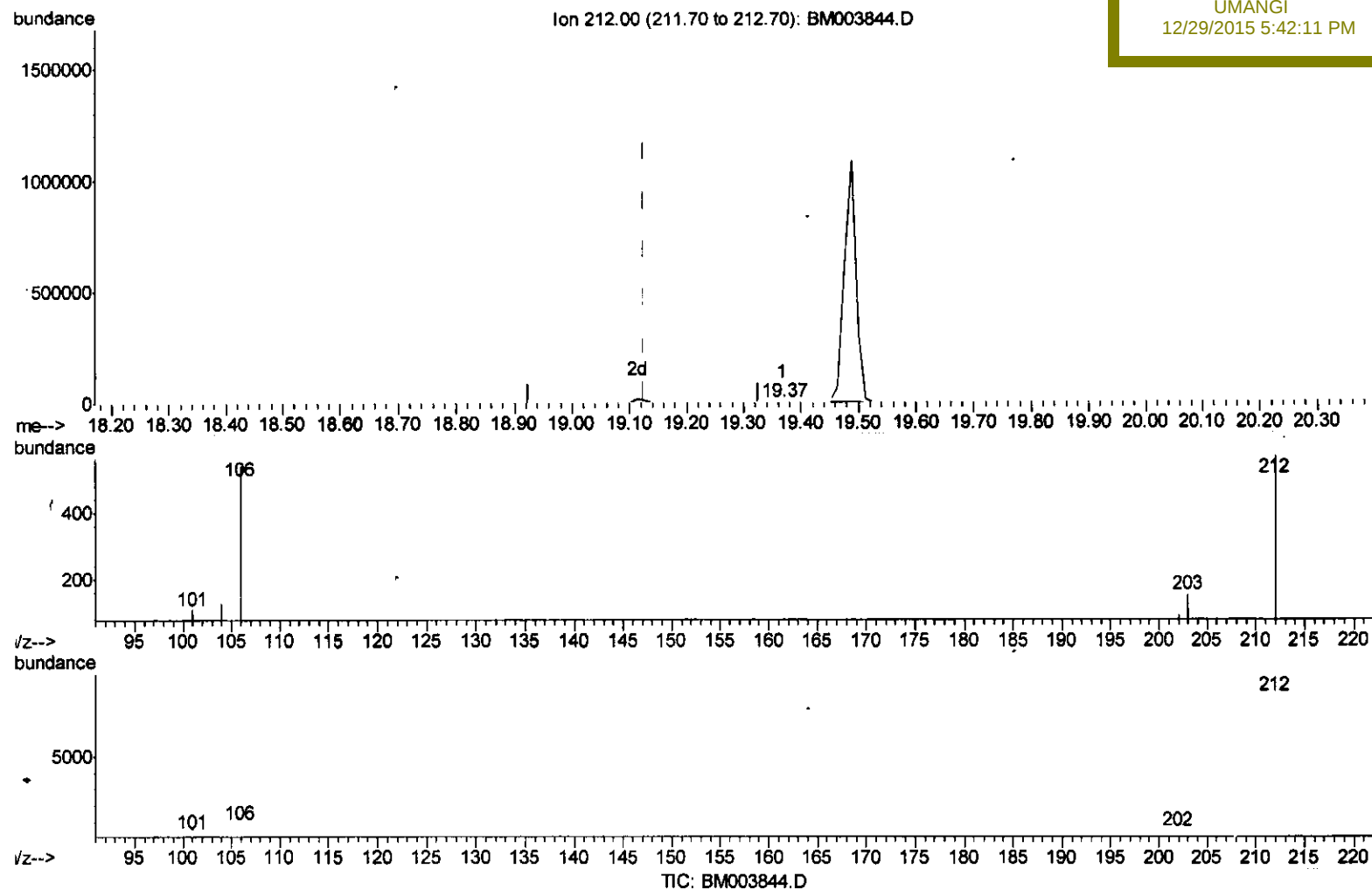
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(16) Fluoranthene-d10 (SURR)

19.368min (+0.242) 0.02ng/ul

response 796

Ion	Exp%	Act%
212.00	100	100
106.00	18.90	78.02#
104.00	11.10	0.00#
0.00	0.00	0.00

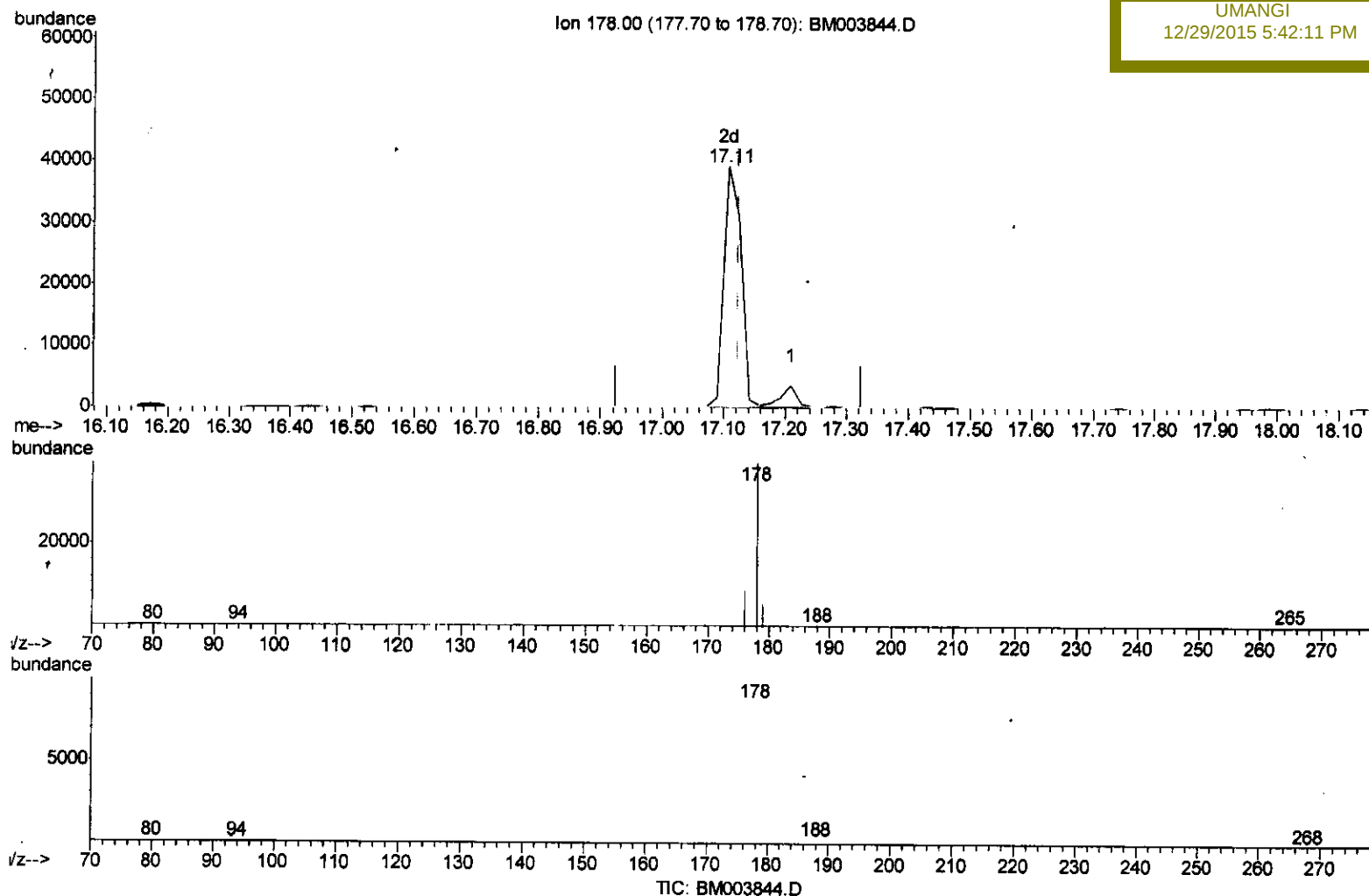
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003844.D
 Acq On : 29 Dec 2015 00:33
 Operator : SJ/UM
 Sample : G4848-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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Manual Integrations
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(14) Phenanthrene

17.108min (-0.017) 1.28ng/ul m

response 76179

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	22.03#
179.00	17.70	13.52#
0.00	0.00	0.00

U.M
 12/31/15

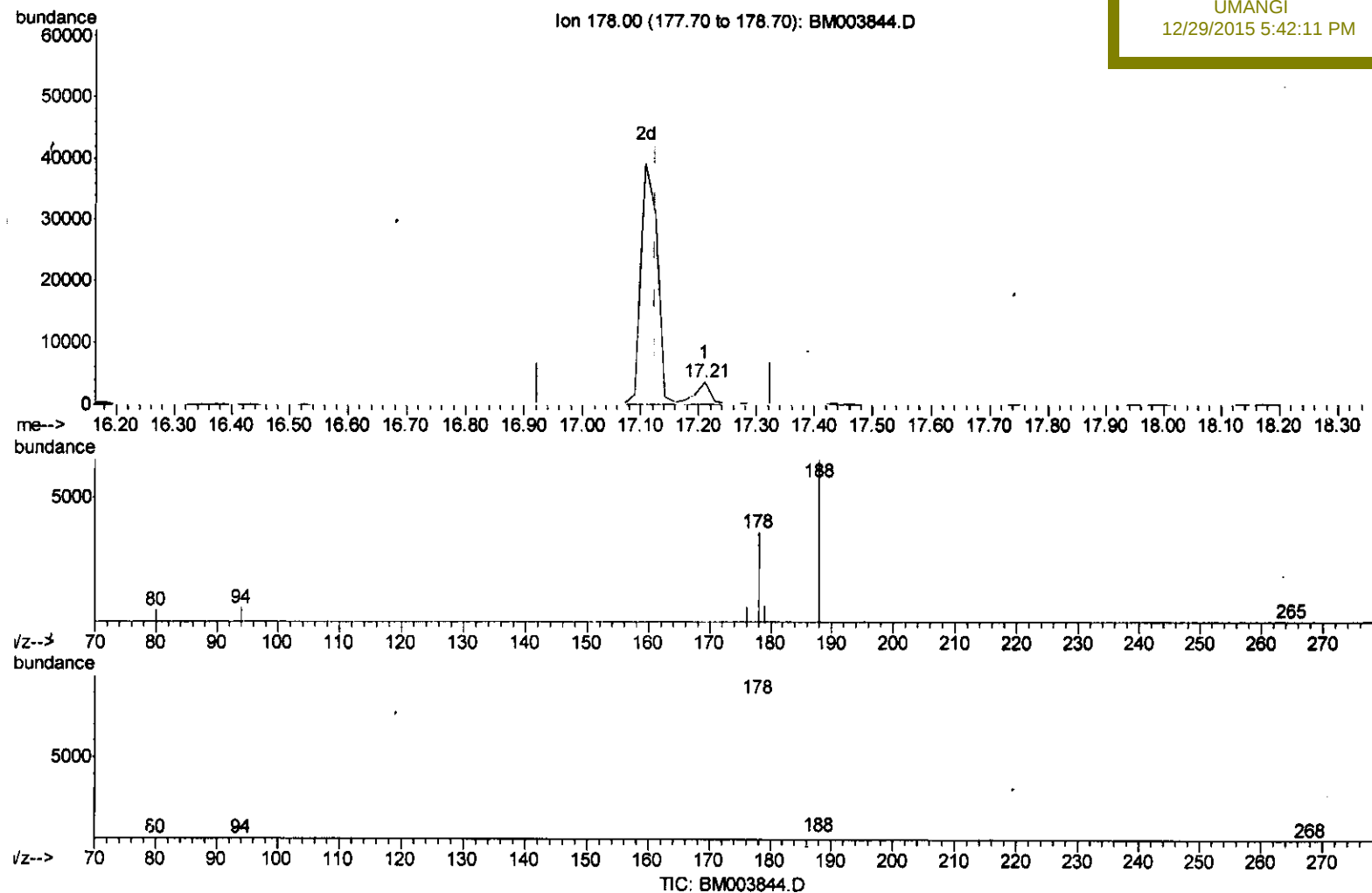
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
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 ALS Vial : 14 Sample Multiplier: 1

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(14) Phenanthrene

17.210min (+0.086) 0.11ng/ul

response 6550

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	18.43
179.00	17.70	19.48
0.00	0.00	0.00

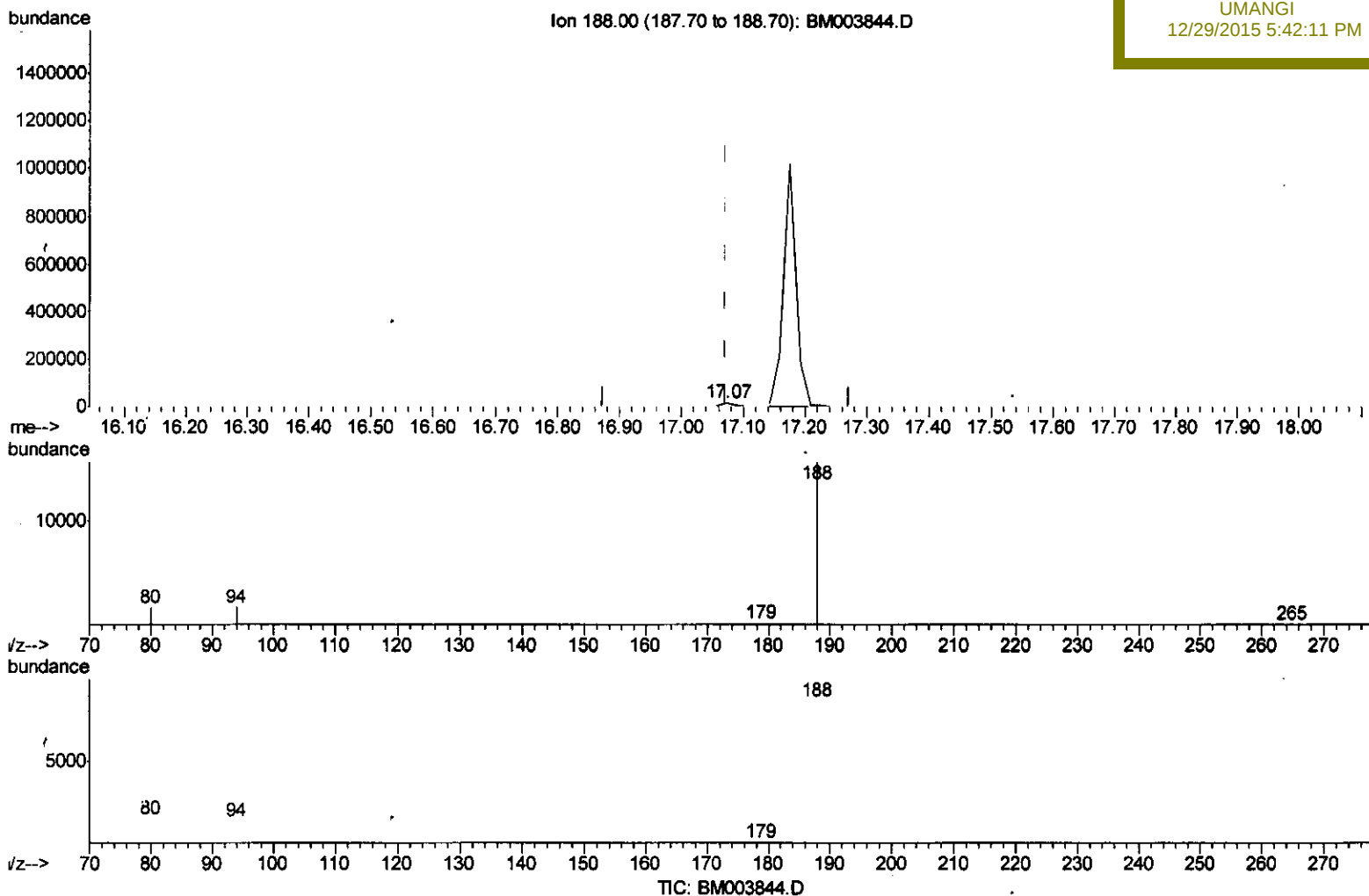
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003844.D
 Acq On : 29 Dec 2015 00:33
 Operator : SJ/UM
 Sample : G4848-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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(12) Phenanthrene-d10 (I)

17.073min (-0.000) 0.40ng/ul m

response 23116

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.15
80.00	11.90	11.18
0.00	0.00	0.00

U.M
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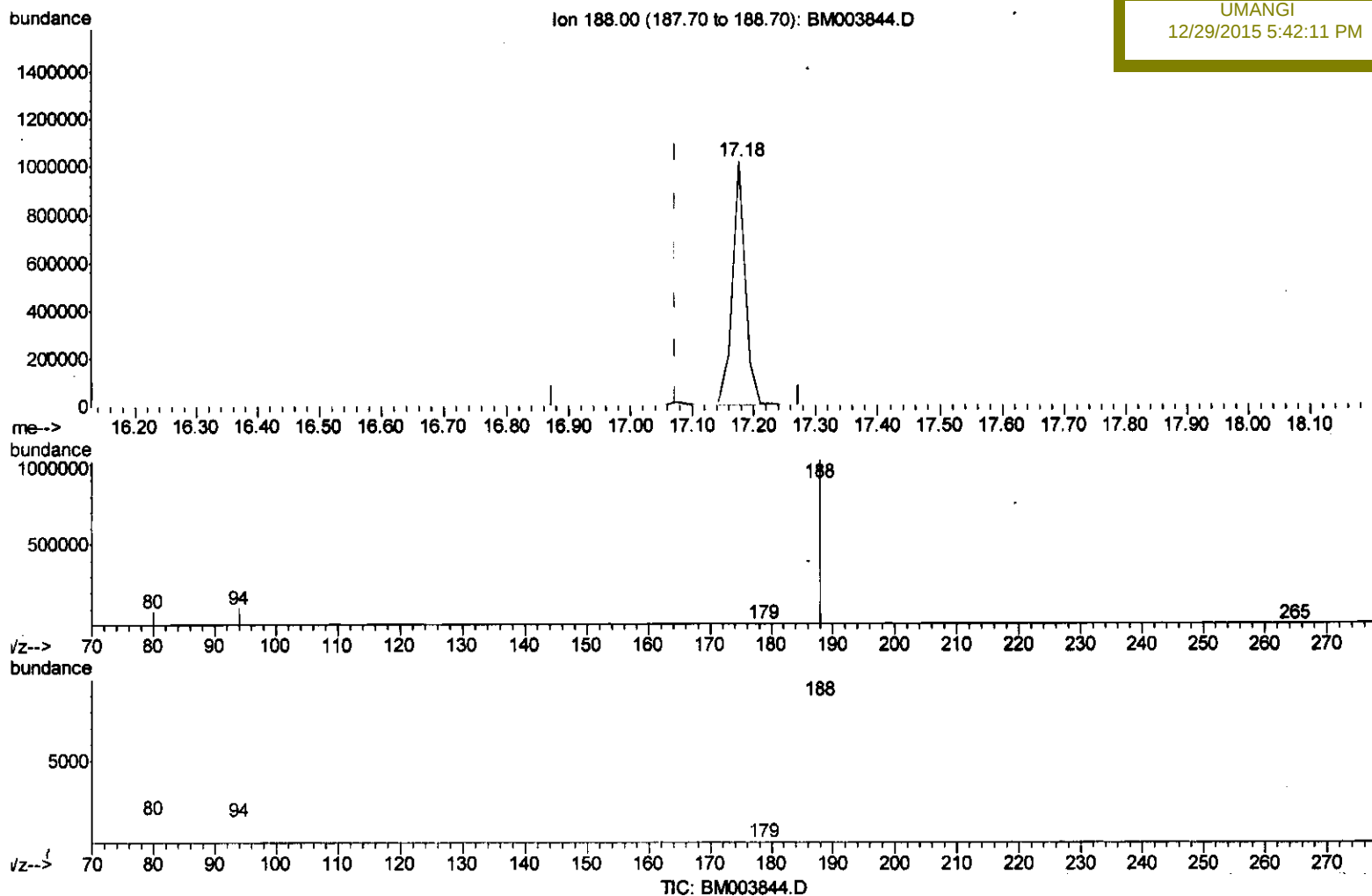
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003844.D
 Acq On : 29 Dec 2015 00:33
 Operator : SJ/UM
 Sample : G4848-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 29 07:16:11 2015
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Instrument :
 BNA_M
 ClientSampleId :
 D9N56

Manual Integrations
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(12) Phenanthrene-d10 (I)

17.176min (+0.103) 0.40ng/ul

response 1459066

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.19
80.00	11.90	8.07#
0.00	0.00	0.00

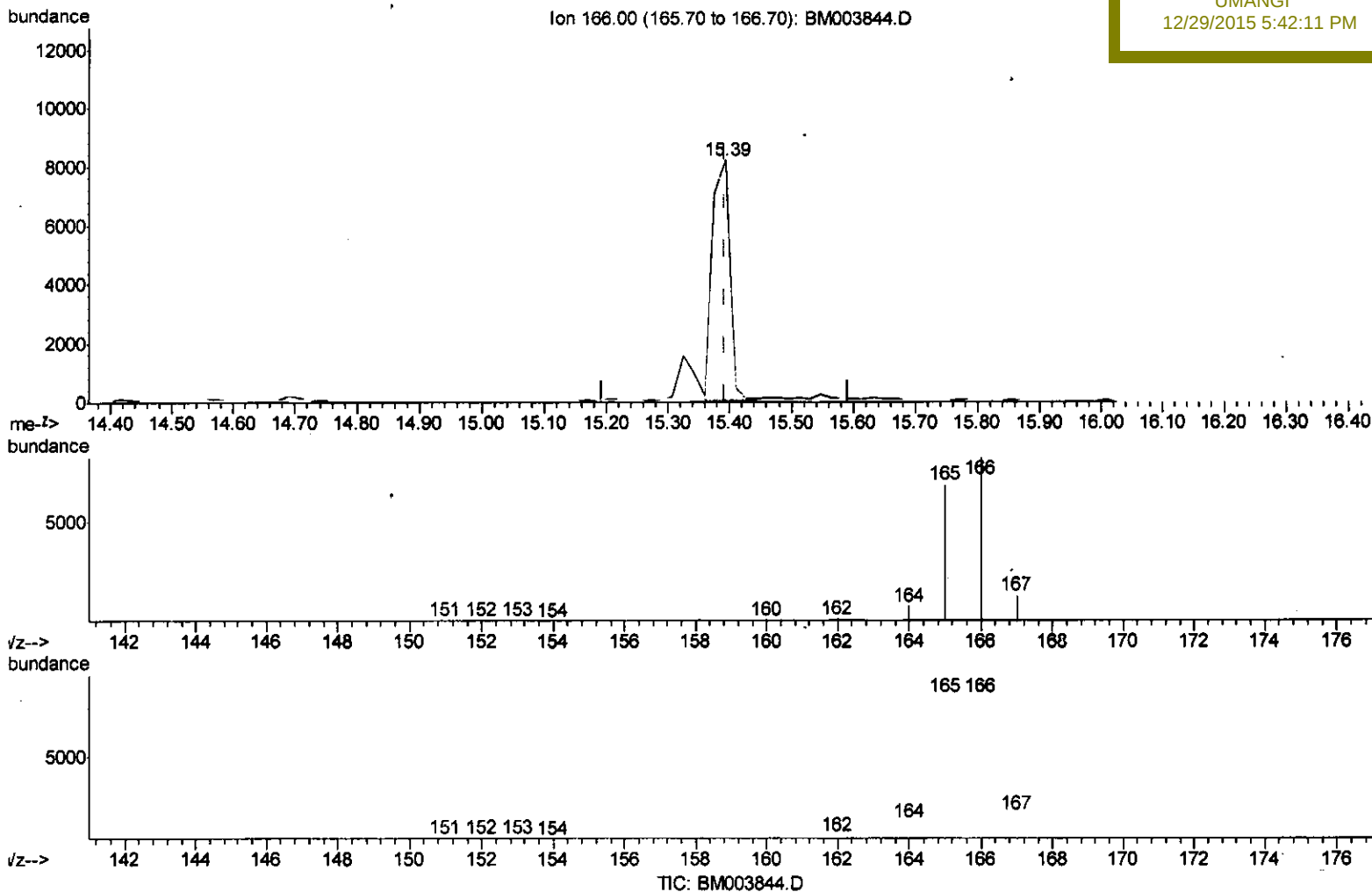
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
 Data File : BM003844.D
 Acq On : 29 Dec 2015 00:33
 Operator : SJ/UM
 Sample : G4848-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 29 07:16:11 2015
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Instrument :
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Manual Integrations
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(11) Fluorene

15.393min (-0.000) 0.45ng/ul m

response 16164

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	83.02
167.00	14.90	15.78
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA M\DATA\BM123015\
 Data File : BM003844.D
 Acq On : 29 Dec 2015 00:33
 Operator : SJ/UM
 Sample : G4848-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N56

Quant Time: Dec 29 15:01:16 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3913	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	17329	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.33	164	10465	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	23116m	0.40	ng/ul	0.00
18) Chrysene-d12	21.29	240	19905	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	13207m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	18447	11.03	ng/uL	-0.02
6) 2-Methylnaphthalene-d10	12.07	152	7586	0.37	ng/ul	0.00
16) Fluoranthene-d10	19.11	212	19778m	0.40	ng/ul	-0.01
Target Compounds						
5) Naphthalene	10.51	128	23235	0.60	ng/ul	97
7) 2-Methylnaphthalene	12.13	142	8696	0.33	ng/ul	99
10) Acenaphthene	14.38	153	15494	0.48	ng/ul#	81
11) Fluorene	15.39	166	16164m	0.45	ng/ul	
14) Phenanthrene	17.11	178	76179m	1.28	ng/ul	
17) Fluoranthene	19.15	202	41341	0.64	ng/ul	93
19) Pyrene	19.51	202	30722	0.57	ng/ul	94
20) Benzo(a)anthracene	21.27	228	5674	0.12	ng/ul	94
21) Chrysene	21.32	228	4593	0.08	ng/ul	93

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

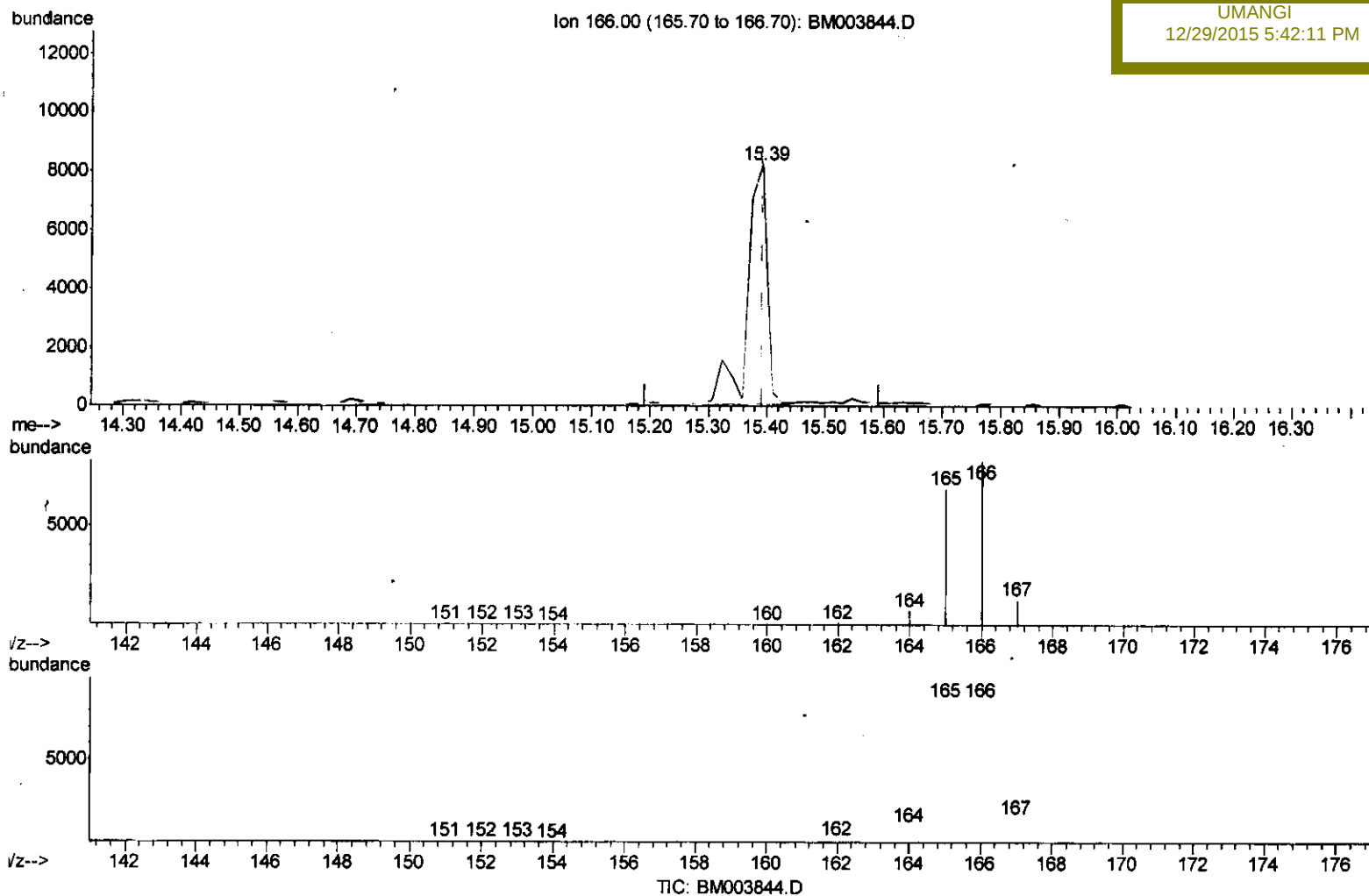
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123015\
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 Acq On : 29 Dec 2015 00:33
 Operator : SJ/UM
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 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 29 07:16:11 2015
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 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 :
 D9N56

Manual Integrations
 APPROVED

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 12/29/2015 5:42:11 PM



(11) Fluorene

15.393min (-0.000) 0.53ng/ul

response 19039

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	83.02
167.00	14.90	15.78
0.00	0.00	0.00

Quantitation Report (Qedit)

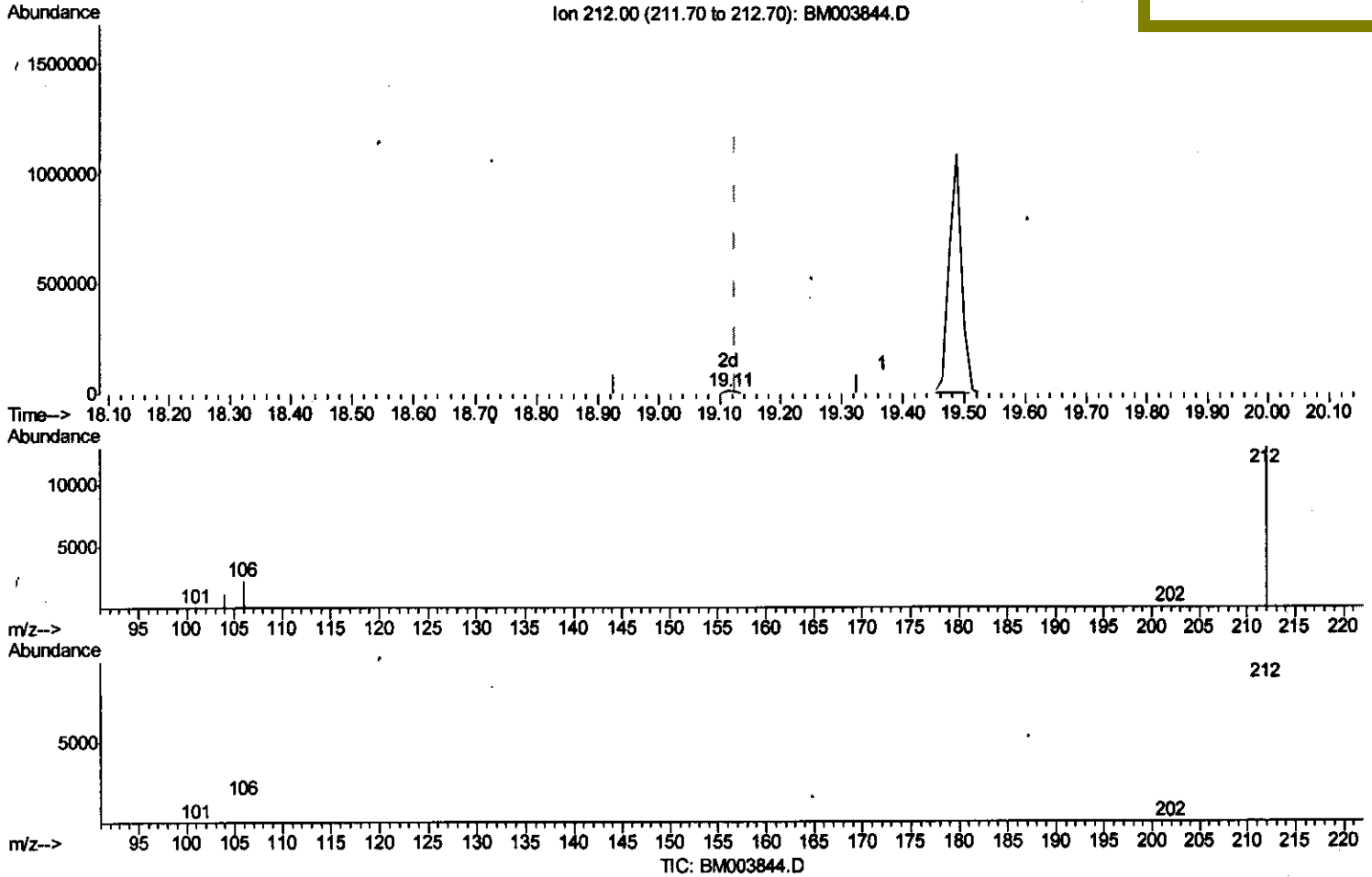
Data Path : Z:\HPCHEM1\BNA M\Data\BM123015\
 Data File : BM003844.D
 Acq On : 29 Dec 2015 00:33
 Operator : SJ/UM
 Sample : G4848-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N56

Quant Time: Dec 29 15:01:16 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 APPROVED

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 12/29/2015 5:42:11 PM



(16) Fluoranthene-d10 (SURR)

19.113min (-0.012) 0.40ng/ul m

response 19778

Ion	Exp%	Act%
212.00	100	100
106.00	18.90	3.14#
104.00	11.10	0.00#
0.00	0.00	0.00

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12/31/15