

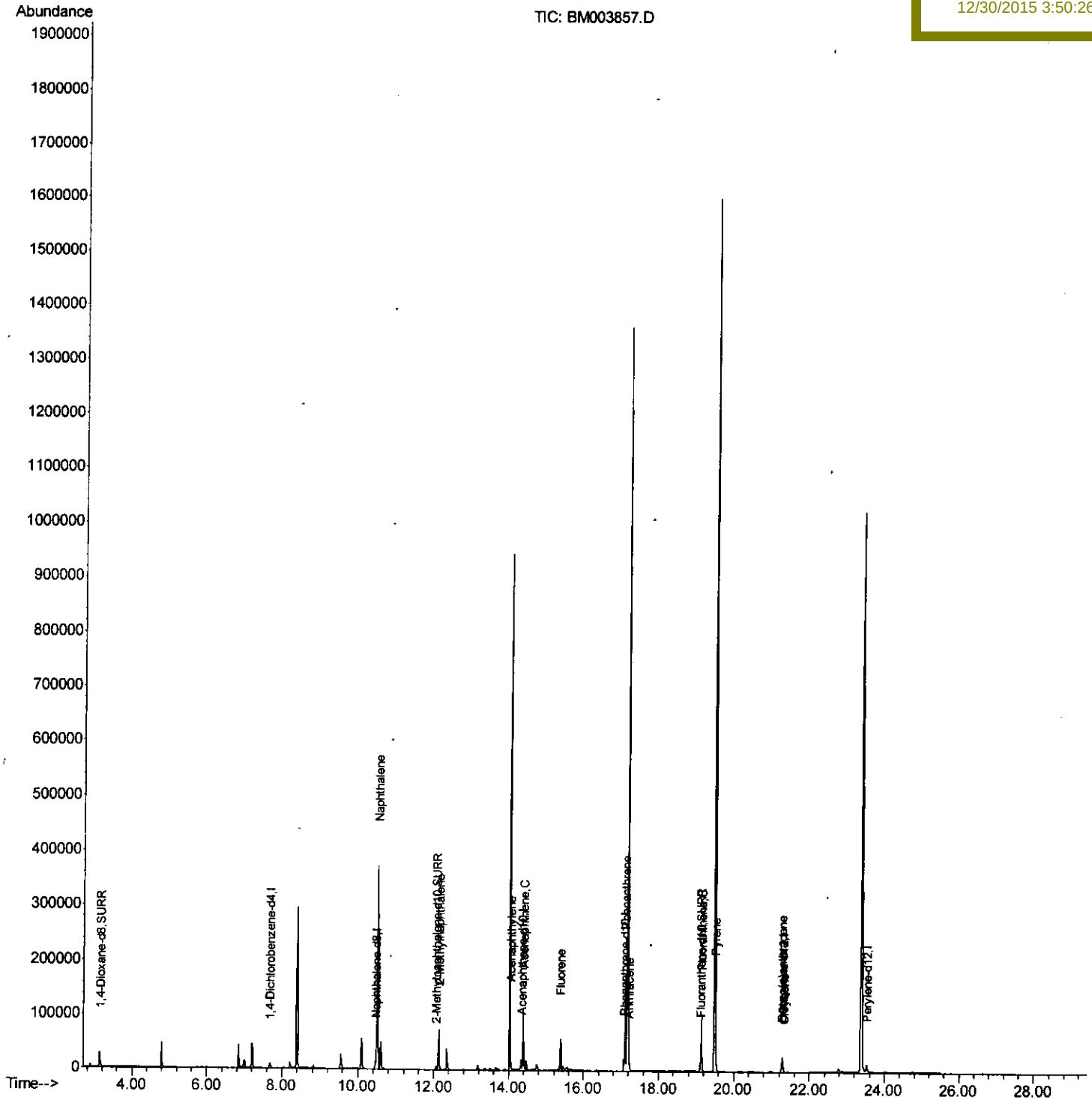
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123115\
Data File : BM003857.D
Acq On : 29 Dec 2015 19:57
Operator : SJ/UM
Sample : G4848-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 30 10:13:32 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 : Wed Dec 30 03:30:26 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9N59

Manual Integrations
APPROVED

Sohil
12/30/2015 3:50:26 PM



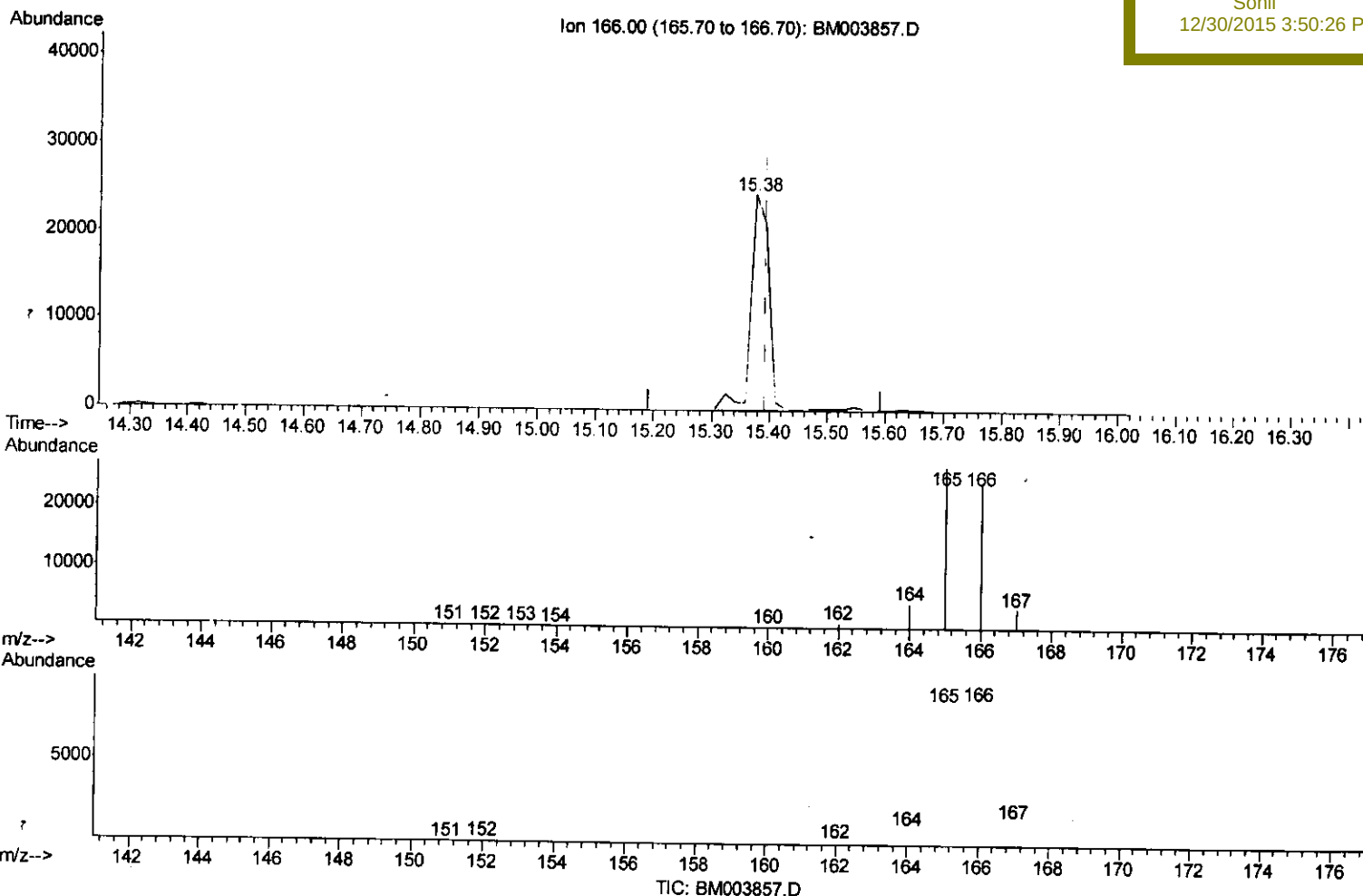
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(11) Fluorene

15.376min (-0.017) 1.24ng/ul

response 51907

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	111.37#
167.00	14.90	13.71
0.00	0.00	0.00

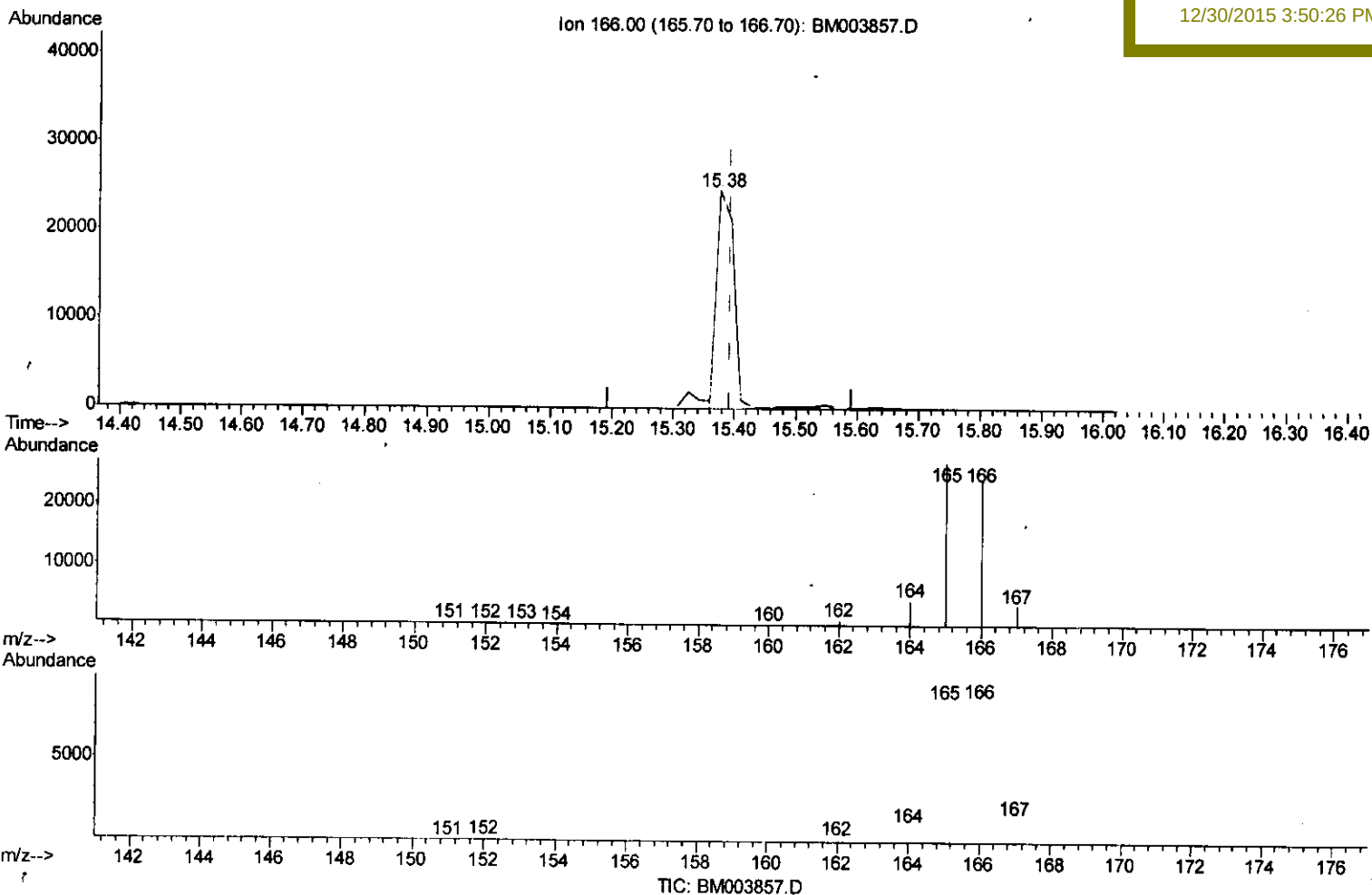
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
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(11) Fluorene

15.376min (-0.017) 1.16ng/ul m

response 48265

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	111.37#
167.00	14.90	13.71
0.00	0.00	0.00

U.M
11116

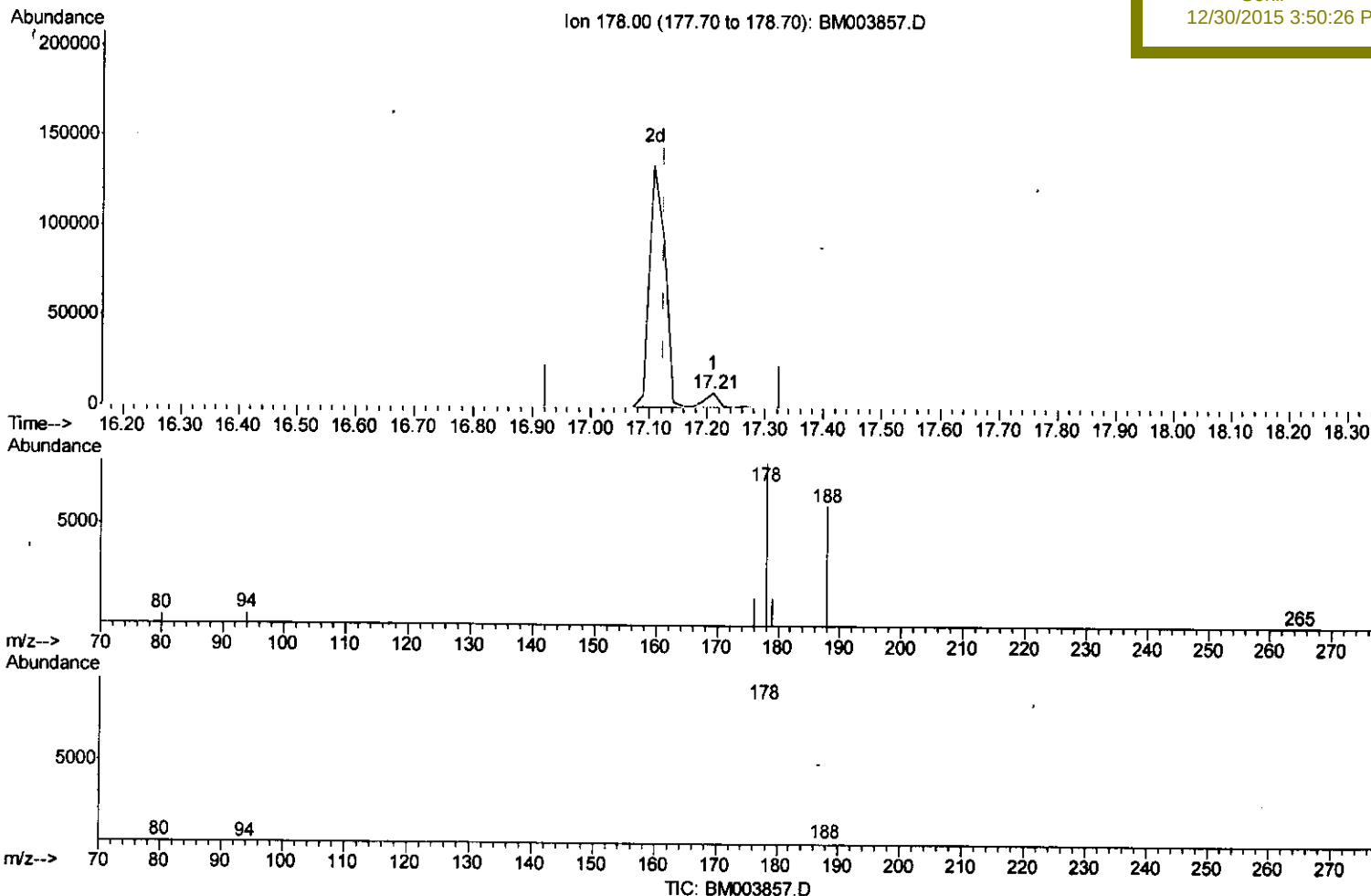
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
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Quant Time: Dec 30 04:20:22 2015
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Sohil
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(14) Phenanthrene

17.211min (+0.086) 0.20ng/ul

response 13955

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	17.54
179.00	17.70	17.76
0.00	0.00	0.00

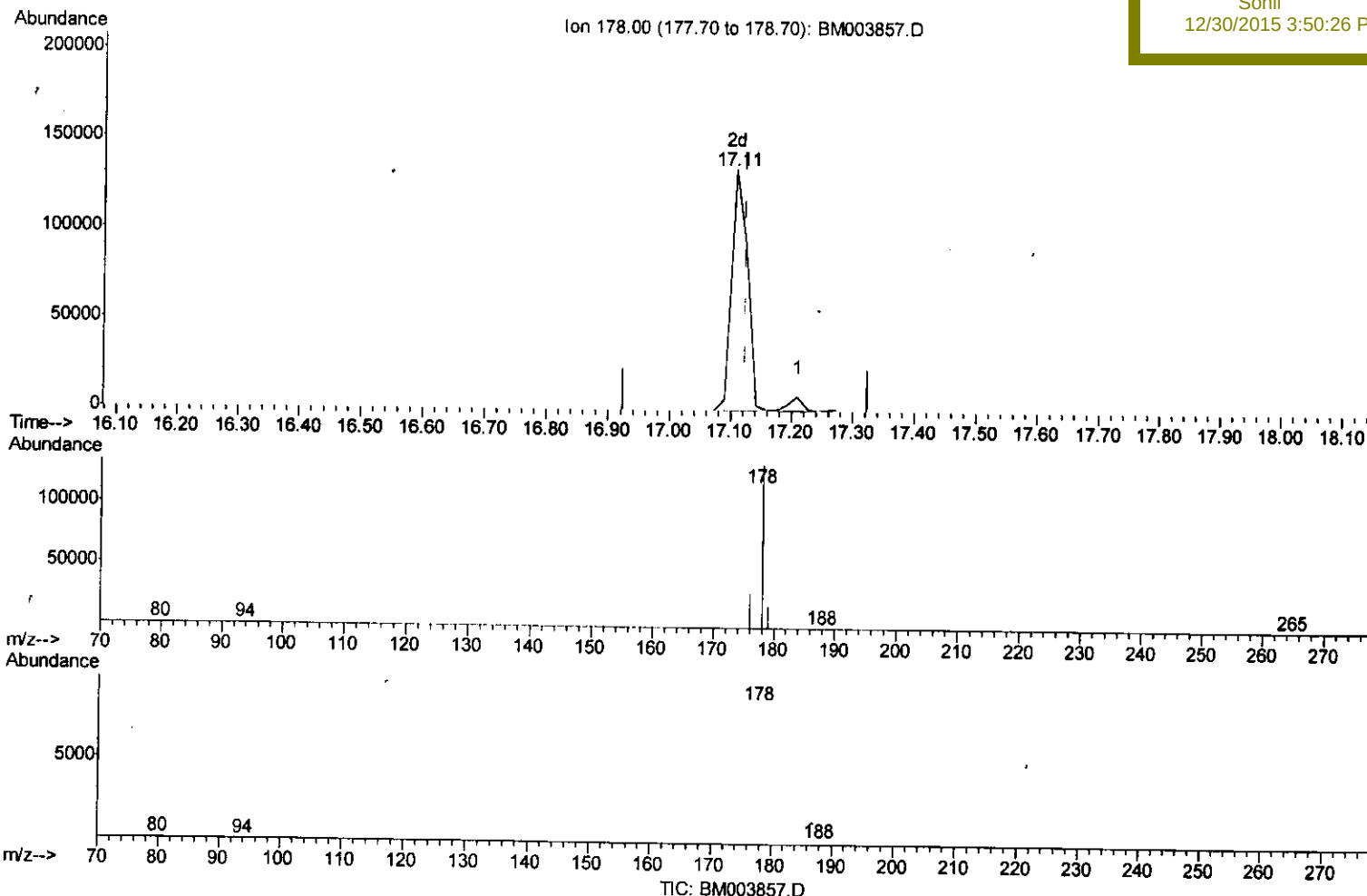
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003857.D
 Acq On : 29 Dec 2015 19:57
 Operator : SJ/UM
 Sample : G4848-13
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 ALS Vial : 17 Sample Multiplier: 1

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(14) Phenanthrene

17.108min (-0.017) 3.48ng/ul m

response 242058

U.M
 17.1118

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.56#
179.00	17.70	13.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

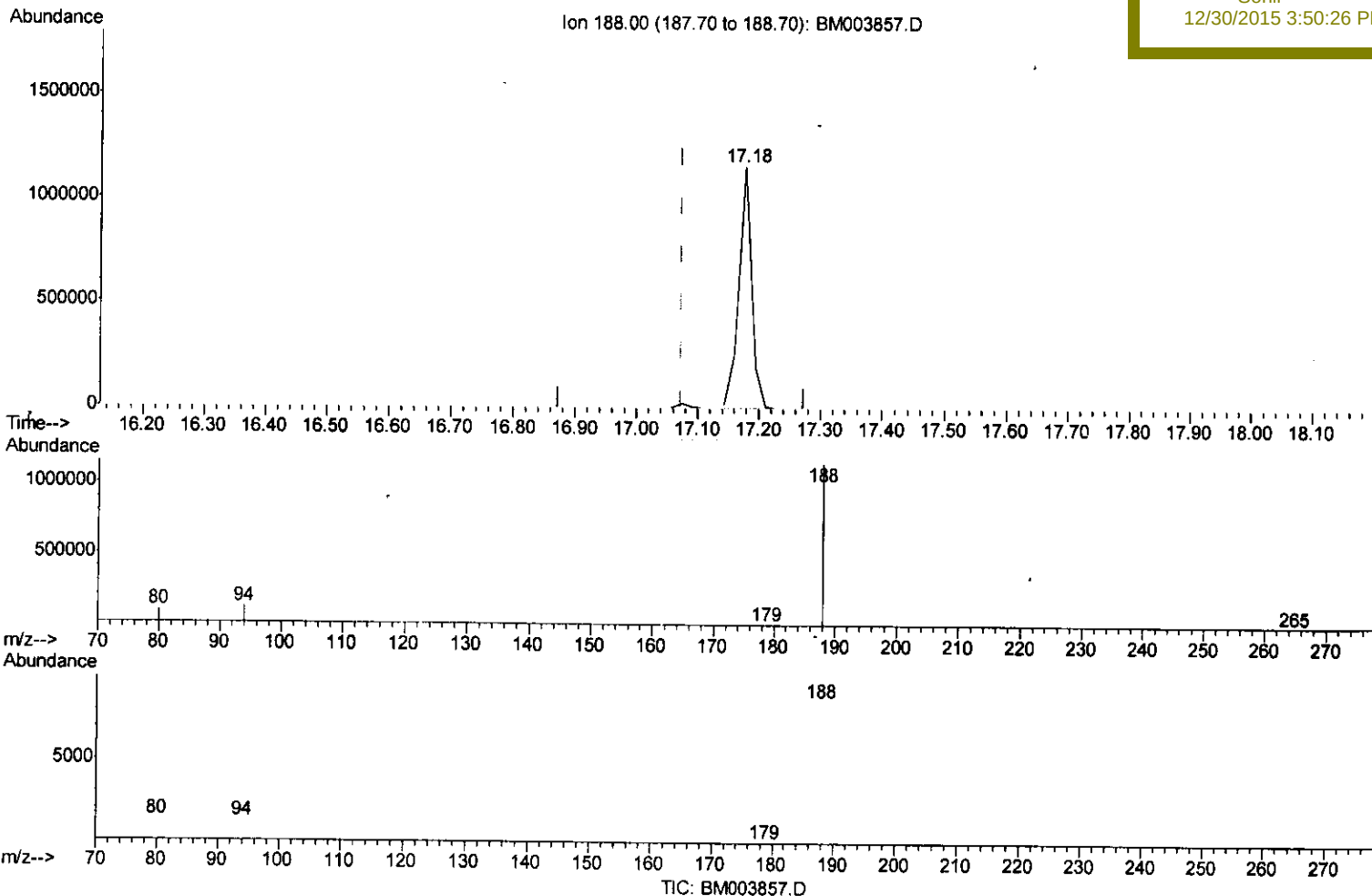
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
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(12) Phenanthrene-d10 (I)

17.176min (+0.103) 0.40ng/ul

response 1652720

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.11
80.00	11.90	7.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

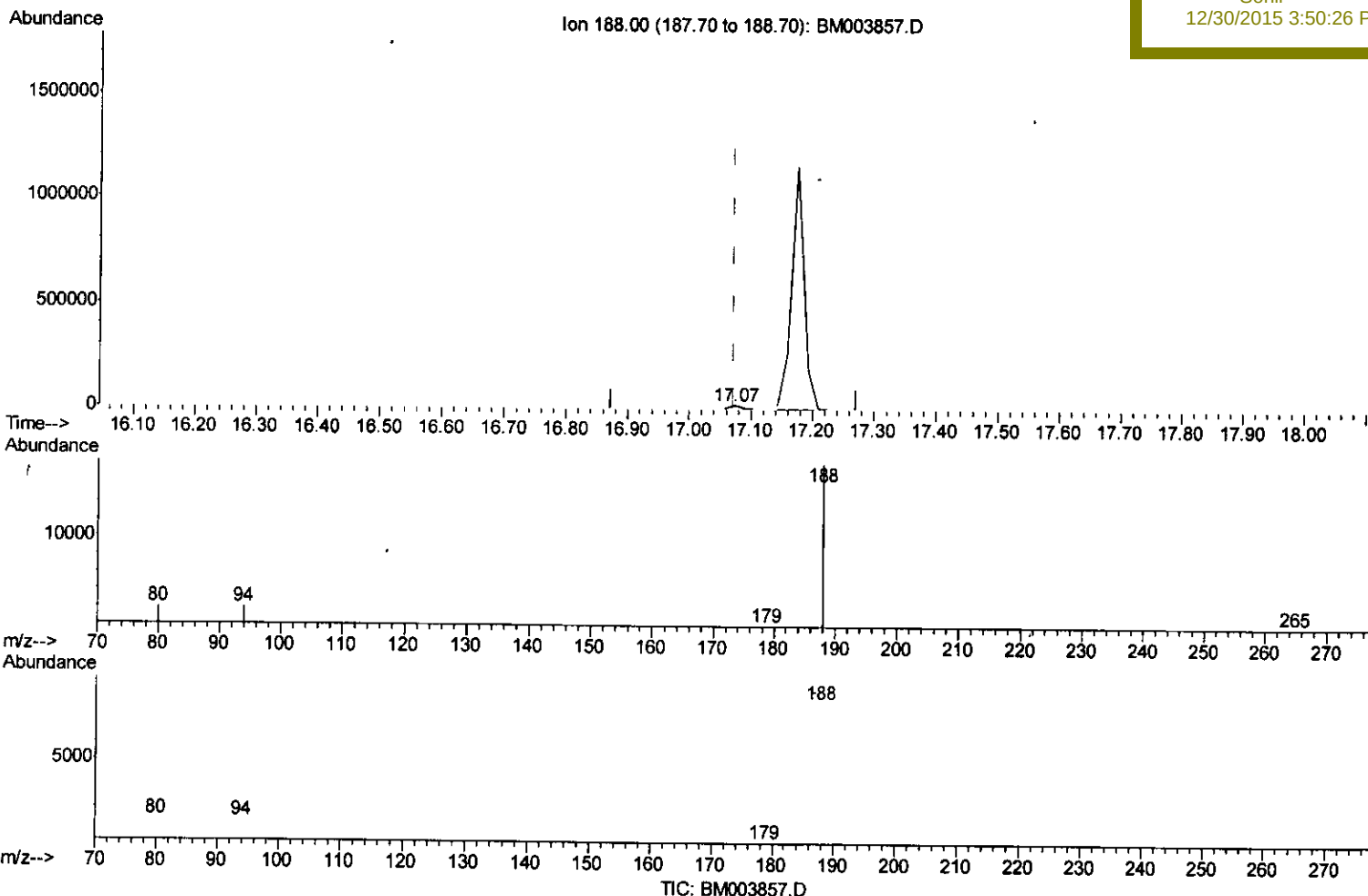
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
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Manual Integrations
 APPROVED

Sohil
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(12) Phenanthrene-d10 (I)

17.073min (-0.000) 0.40ng/ul m U.M
 response 26995 11116

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.31
80.00	11.90	10.41
0.00	0.00	0.00

Quantitation Report (Qedit)

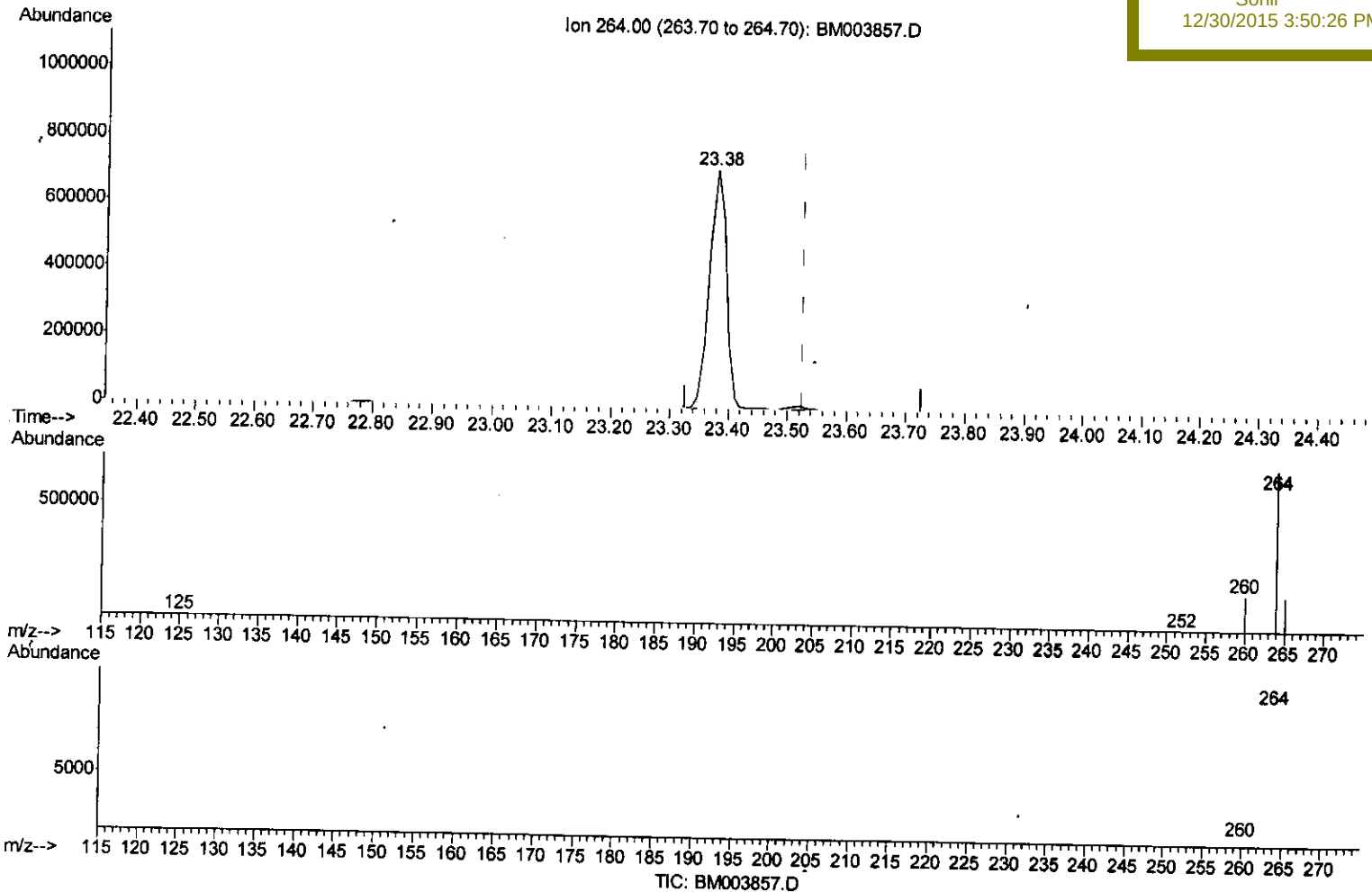
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003857.D
 Acq On : 29 Dec 2015 19:57
 Operator : SJ/UM
 Sample : G4848-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 D9N59

Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 30 04:20:22 2015
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(22) Perylene-d12 (I)

23.378min (-0.149) 0.40ng/ul

response 1362599

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	22.11
265.00	38.20	21.32#
0.00	0.00	0.00

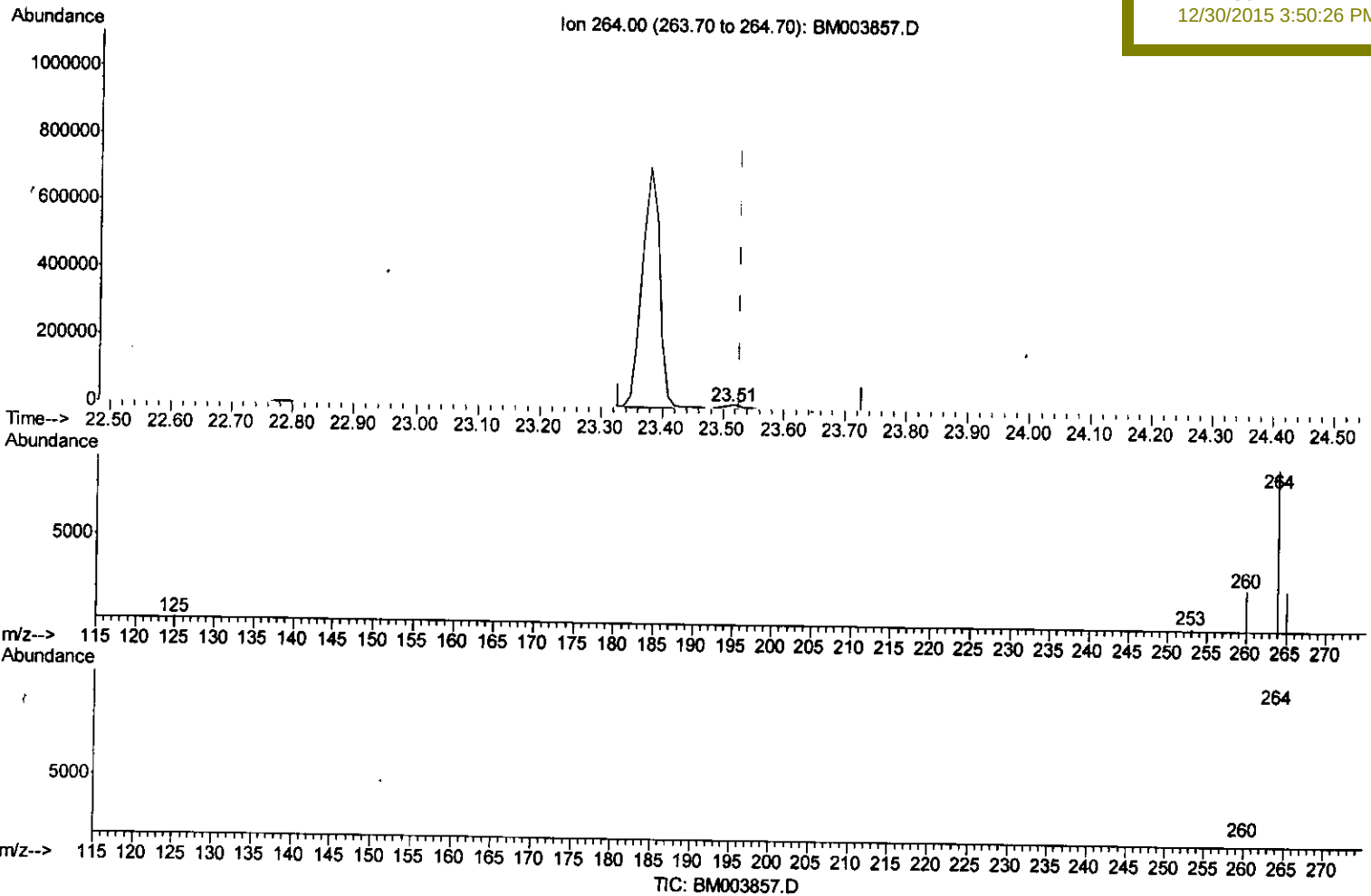
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003857.D
 Acq On : 29 Dec 2015 19:57
 Operator : SJ/UM
 Sample : G4848-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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Instrument :
 BNA_M
 ClientSampled :
 D9N59

Manual Integrations
 APPROVED

Sohil
 12/30/2015 3:50:26 PM



(22) Perylene-d12 (I)

23.514min (-0.014) 0.40ng/ul m

response 15938

U, M
 11/16

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.68
265.00	38.20	26.46#
0.00	0.00	0.00

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4419	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	19697	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	12219	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	26995m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	24258	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	15938m	0.40	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	21363	11.31	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	8688	0.37	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	23027	0.40	ng/ul	0.00

Target Compounds

						Qvalue
5) Naphthalene	10.51	128	504898	11.38	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	55576	1.87	ng/ul	100
9) Acenaphthylene	14.04	152	2828	0.06	ng/ul#	91
10) Acenaphthene	14.38	153	65951	1.75	ng/ul	83
11) Fluorene	15.38	166	48265m	1.16	ng/ul	
14) Phenanthrene	17.11	178	242058m	3.48	ng/ul	
15) Anthracene	17.21	178	14075	0.23	ng/ul	98
17) Fluoranthene	19.14	202	93402	1.24	ng/ul	98
19) Pyrene	19.51	202	66177	1.01	ng/ul	99
20) Benzo(a)anthracene	21.26	228	9715	0.16	ng/ul	94
21) Chrysene	21.31	228	8427	0.12	ng/ul	95

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