

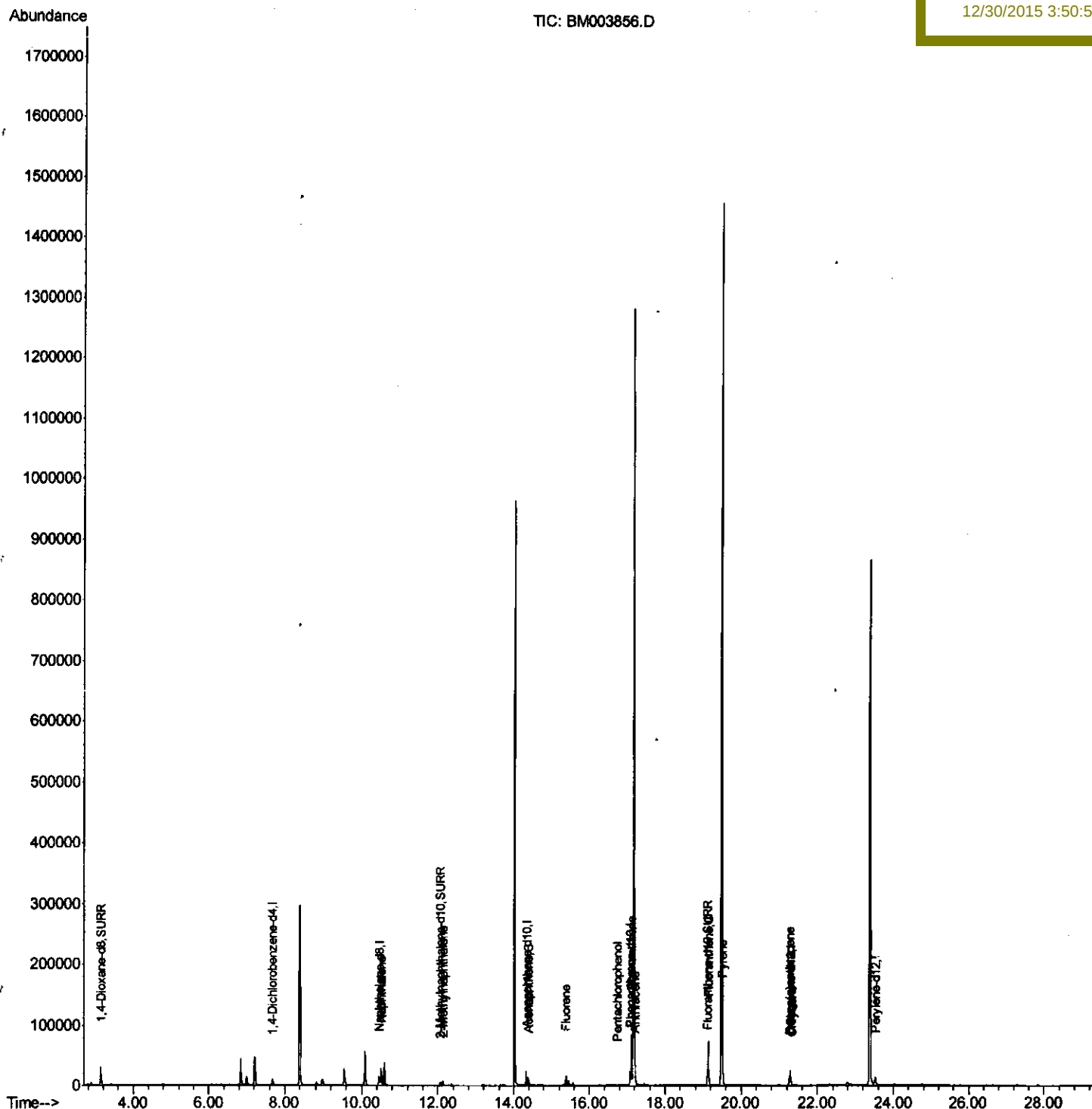
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123115\
Data File : BM003856.D
Acq On : 29 Dec 2015 , 19:21
Operator : SJ/UM
Sample : G4848-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 30 10:09:24 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 : Wed Dec 30 03:30:26 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
D9N58

Manual Integrations
APPROVED

Sohil
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Quantitation Report (Qedit)

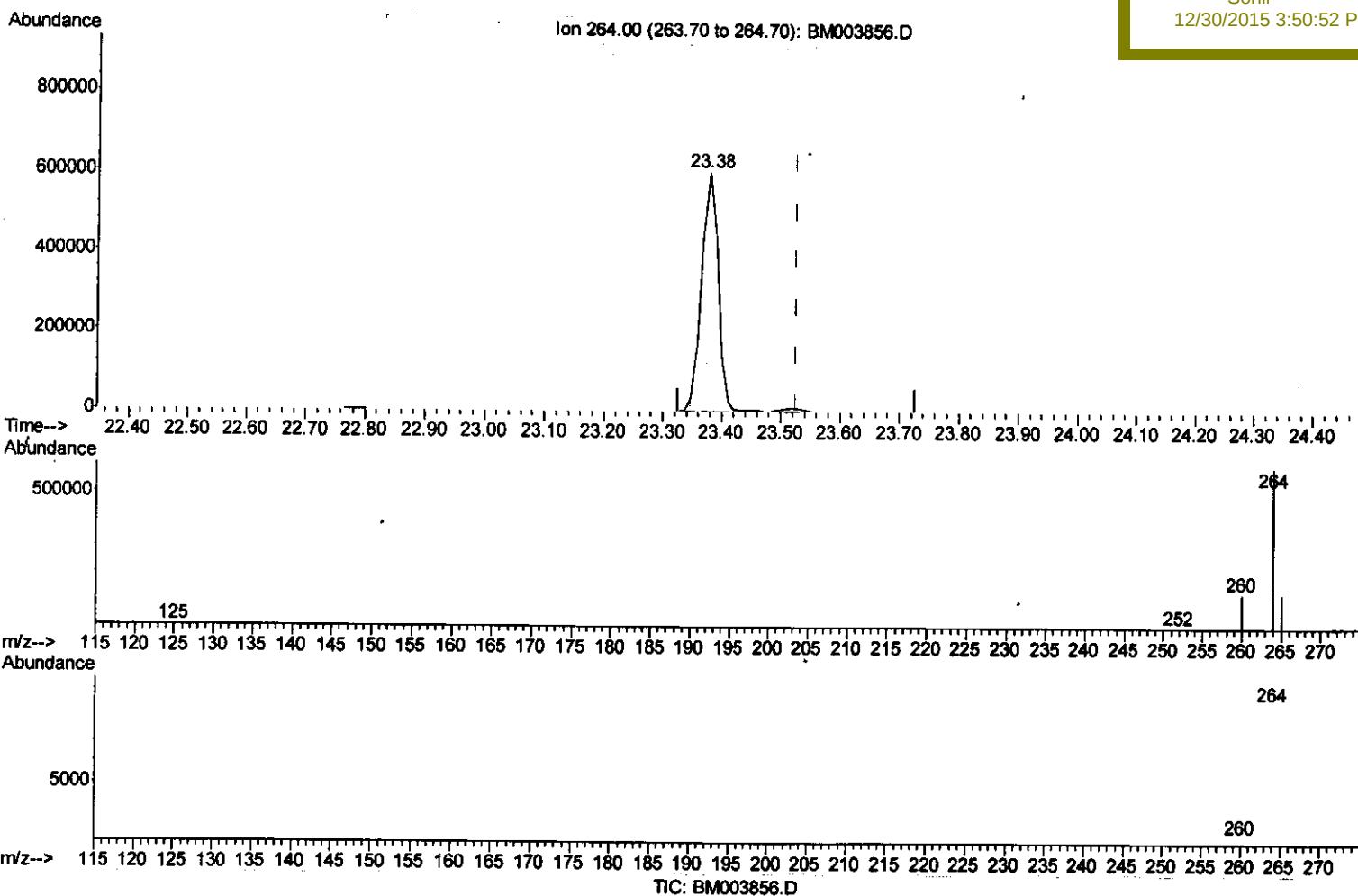
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003856.D
 Acq On : 29 Dec 2015 19:21
 Operator : SJ/UM
 Sample : G4848-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 30 04:10:21 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
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Instrument :
 BNA_M
 ClientSampleId :
 D9N58

Manual Integrations
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(22) Perylene-d12 (I)

23.378min (-0.149) 0.40ng/ul

response 1132252

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.67
265.00	38.20	21.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

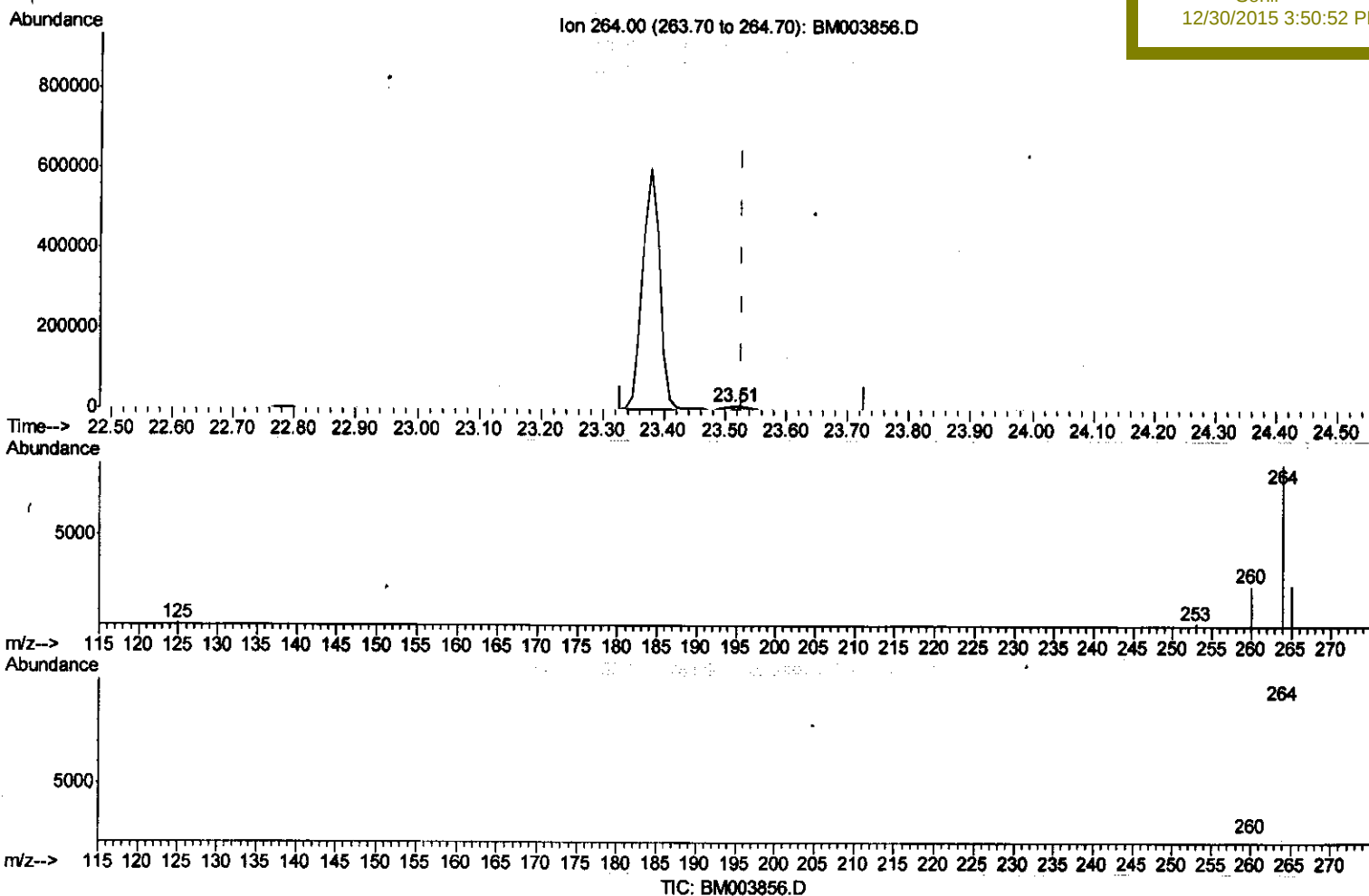
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
Data File : BM003856.D
Acq On : 29 Dec 2015 19:21
Operator : SJ/UM
Sample : G4848-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 30 04:10:21 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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Manual Integrations
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Sohil
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(22) Perylene-d12 (I)

23.514min (-0.014) 0.40ng/ul m

response 15123

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	26.73
265.00	38.20	26.96#
0.00	0.00	0.00

U.M
11/16

Quantitation Report (Qedit)

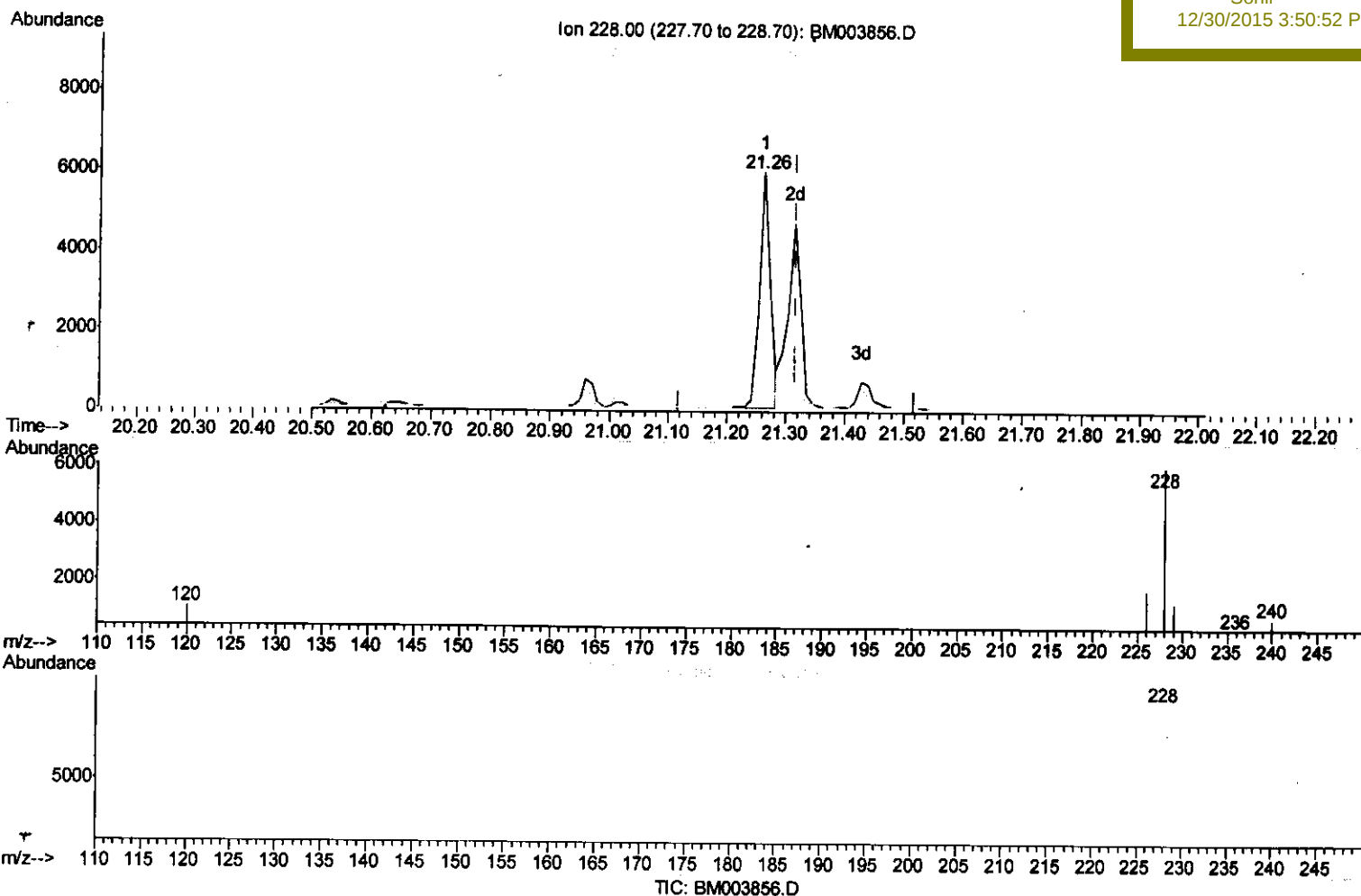
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003856.D
 Acq On : 29 Dec 2015 19:21
 Operator : SJ/UM
 Sample : G4848-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 30 04:10:21 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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Instrument :
 BNA_M
 ClientSampleId :
 D9N58

Manual Integrations
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Sohil
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(21) Chrysene

21.262min (-0.056) 0.12ng/ul

response 7804

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	28.97
229.00	21.30	21.31
0.00	0.00	0.00

Quantitation Report (Qedit)

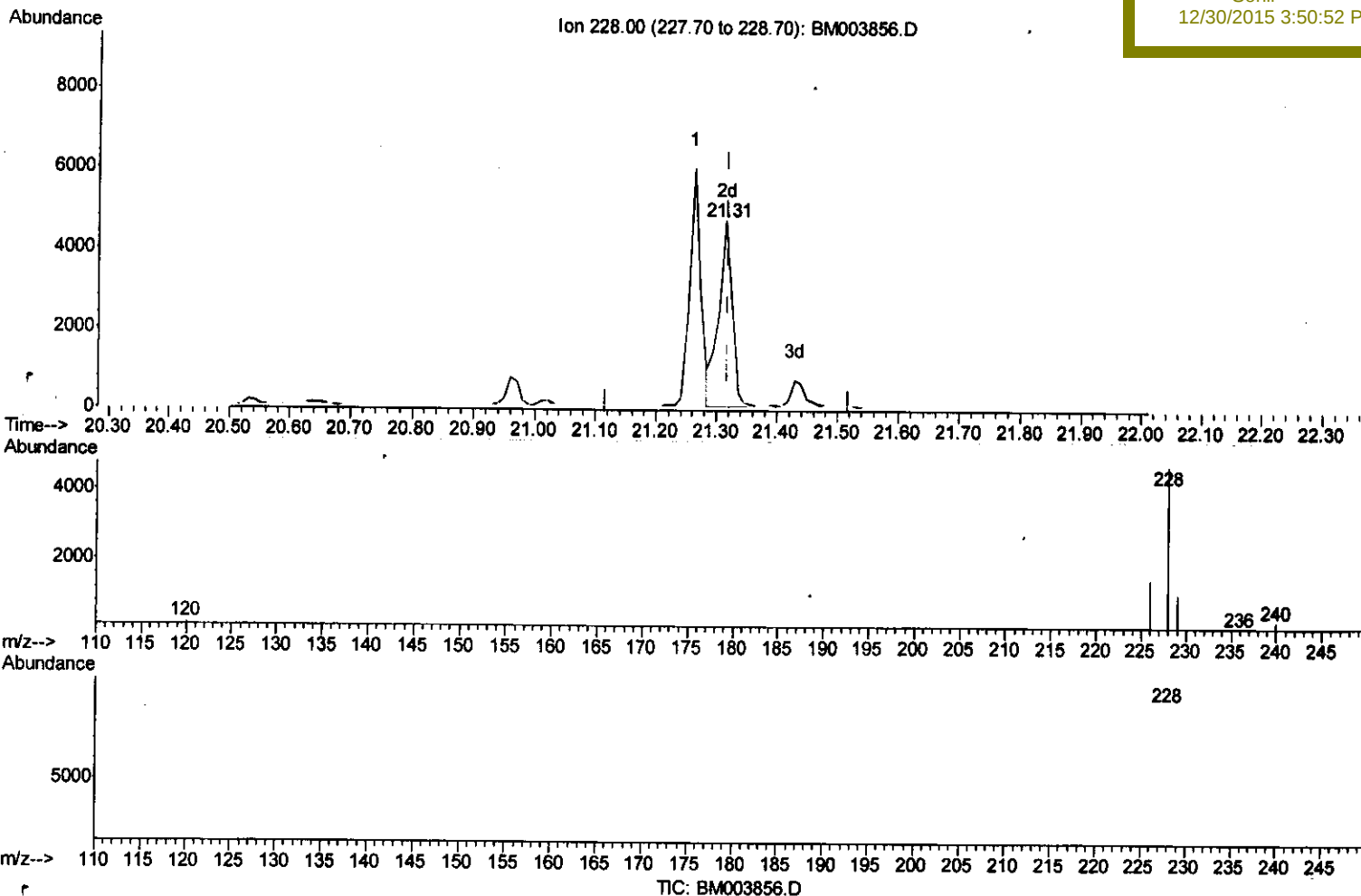
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003856.D
 Acq On : 29 Dec 2015 19:21
 Operator : SJ/UM
 Sample : G4848-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N58

Manual Integrations
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Quant Time: Dec 30 04:10:21 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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 Response via : Initial Calibration



(21) Chrysene

21.314min (-0.003) 0.11ng/ul m

response 7163

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	31.94#
229.00	21.30	22.74
0.00	0.00	0.00

U.M
 7/1/16

Quantitation Report (Qedit)

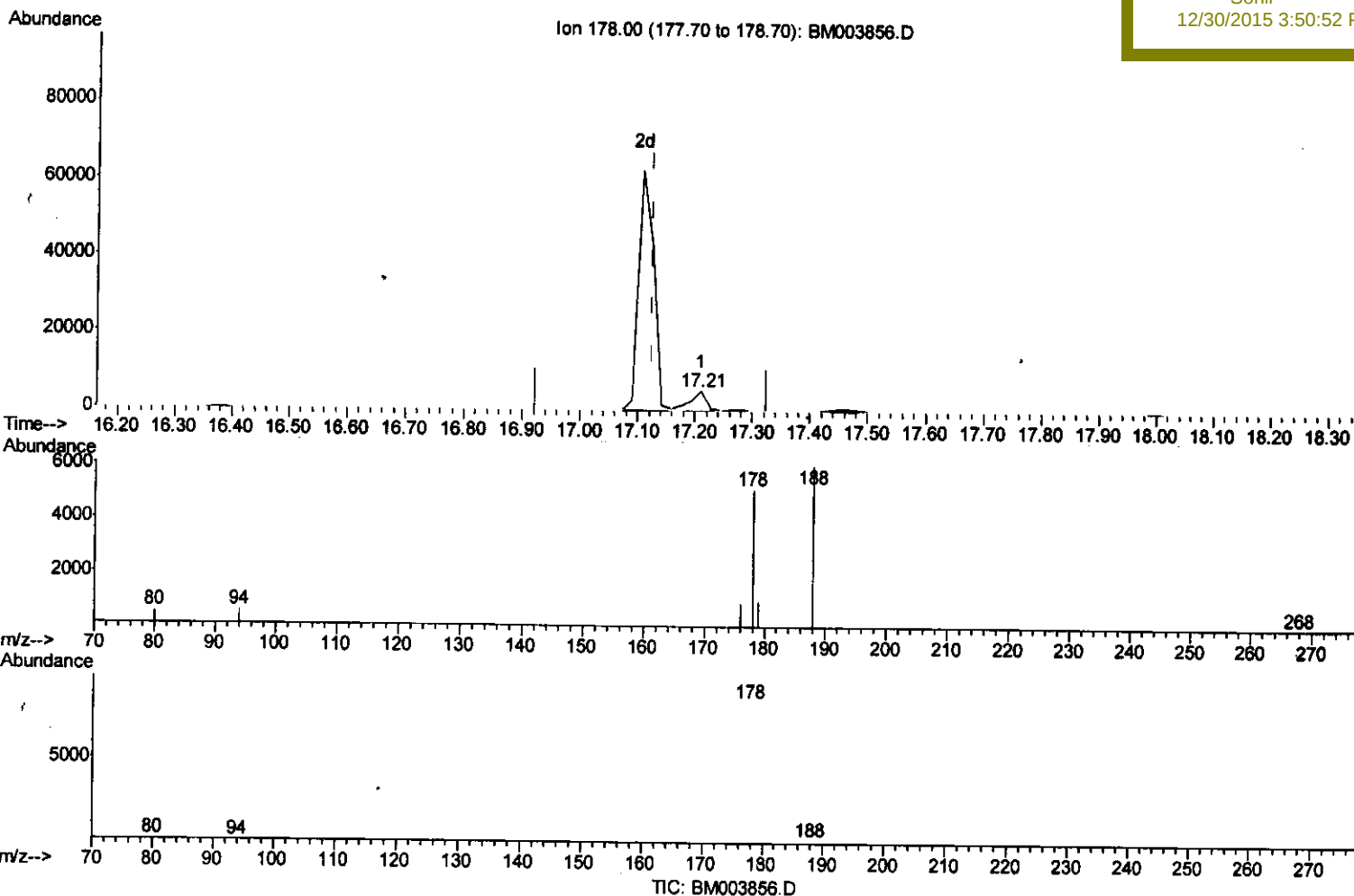
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003856.D
 Acq On : 29 Dec 2015 19:21
 Operator : SJ/UM
 Sample : G4848-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 30 04:10:21 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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 ClientSampleId :
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Manual Integrations
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(14) Phenanthrene

17.210min (+0.086) 0.14ng/ul

response 10119

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	18.20
179.00	17.70	19.09
0.00	0.00	0.00

Quantitation Report (Qedit)

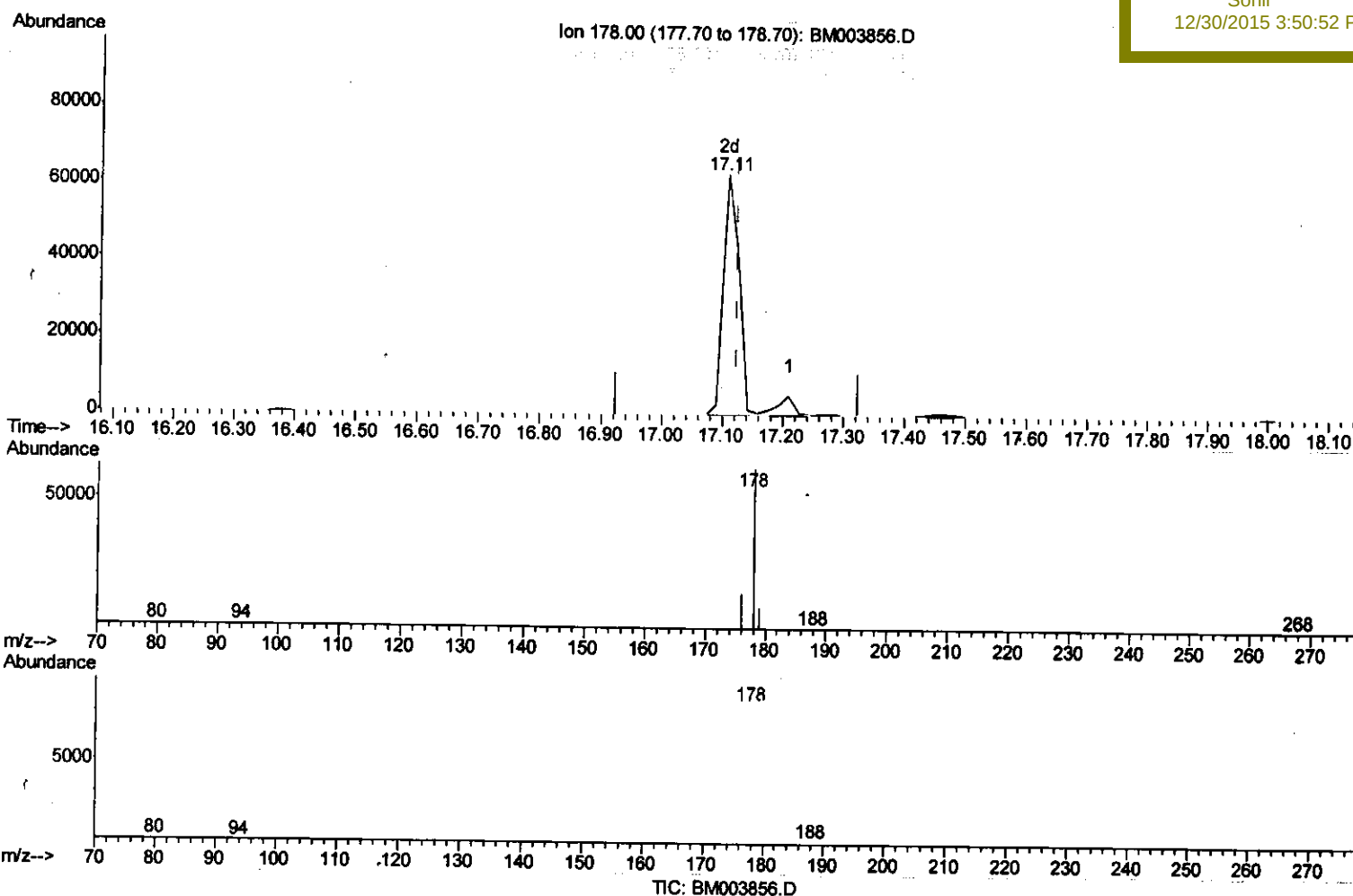
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003856.D
 Acq On : 29 Dec 2015 19:21
 Operator : SJ/UM
 Sample : G4848-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N58

Manual Integrations
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Quant Time: Dec 30 04:10:21 2015
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 Response via : Initial Calibration



(14) Phenanthrene

17.107min (-0.017) 1.51ng/ul m U.M
 response 112826

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	22.00#
179.00	17.70	13.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

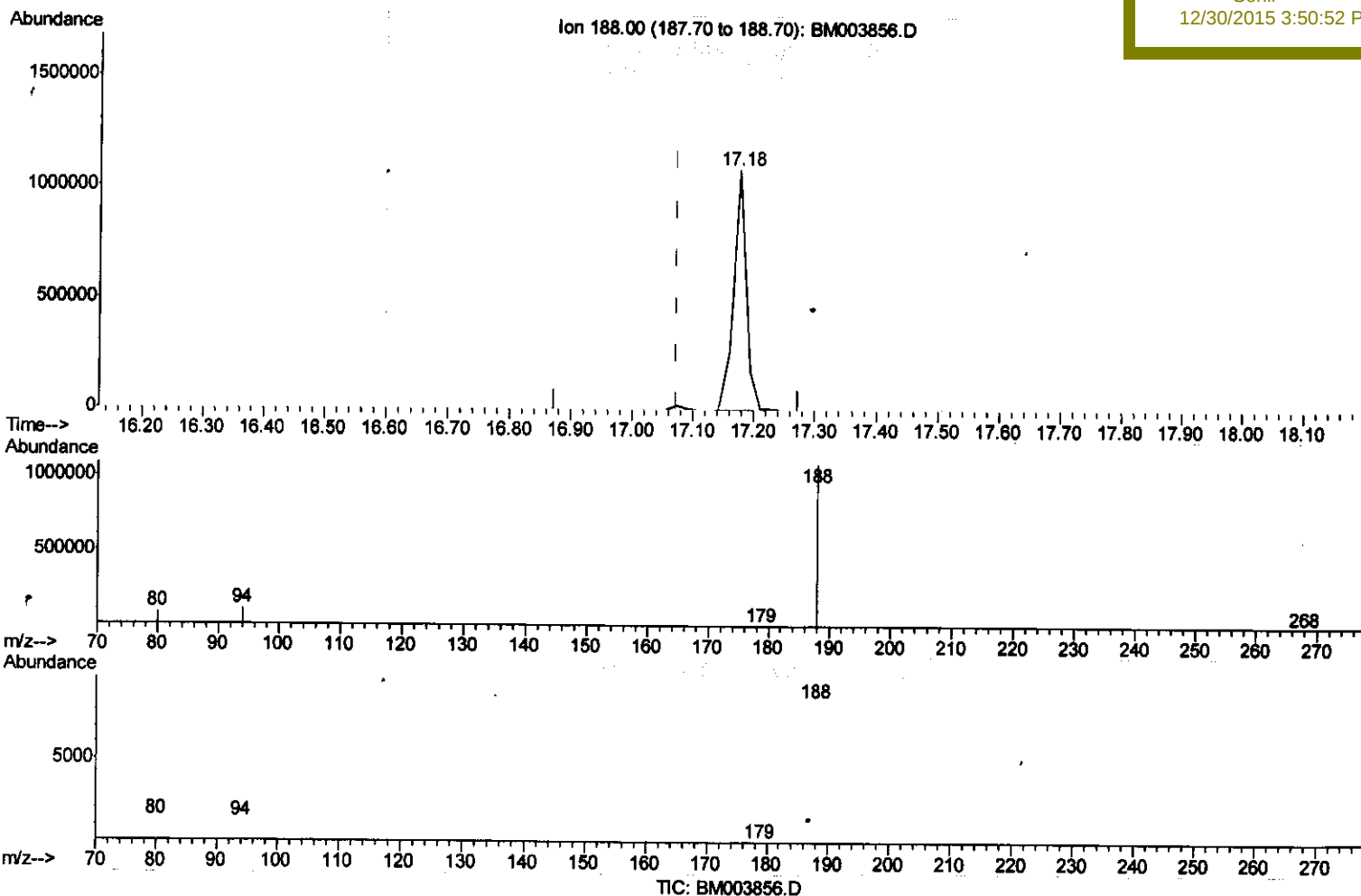
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003856.D
 Acq On : 29 Dec 2015 19:21
 Operator : SJ/UM
 Sample : G4848-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 30 03:33:39 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 :
 D9N58

Manual Integrations
 APPROVED

Sohil
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(12) Phenanthrene-d10 (I)

17.176min (+0.103) 0.40ng/ul

response 1575215

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.88
80.00	11.90	7.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

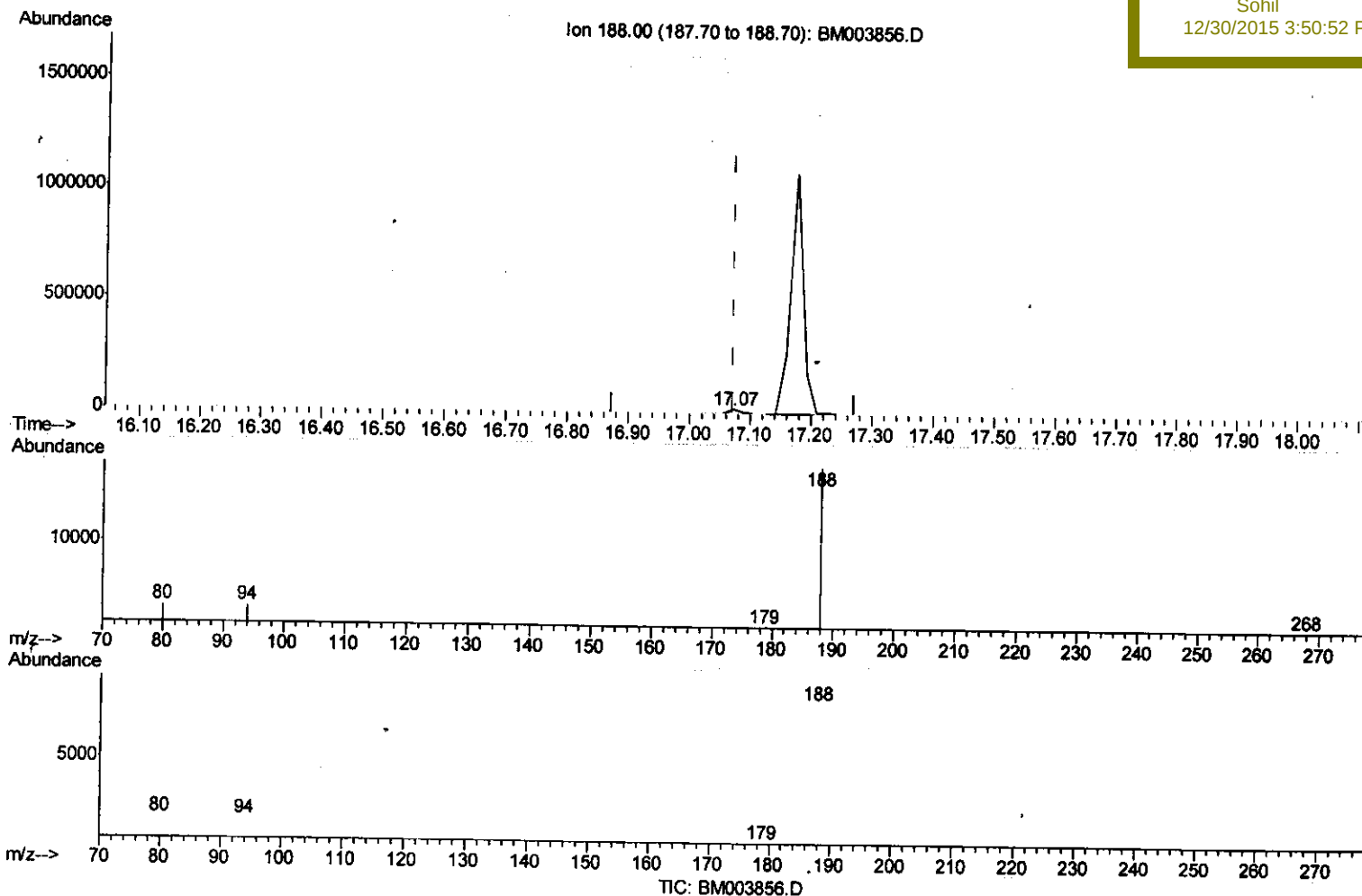
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003856.D
 Acq On : 29 Dec 2015 19:21
 Operator : SJ/UM
 Sample : G4848-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N58

Manual Integrations
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Quant Time: Dec 30 03:33:39 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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 Response via : Initial Calibration



(12) Phenanthrene-d10 (I)

17.073min (-0.000) 0.40ng/ul m

response 28874

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.65
80.00	11.90	10.89
0.00	0.00	0.00

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Quantitation Report (Qedit)

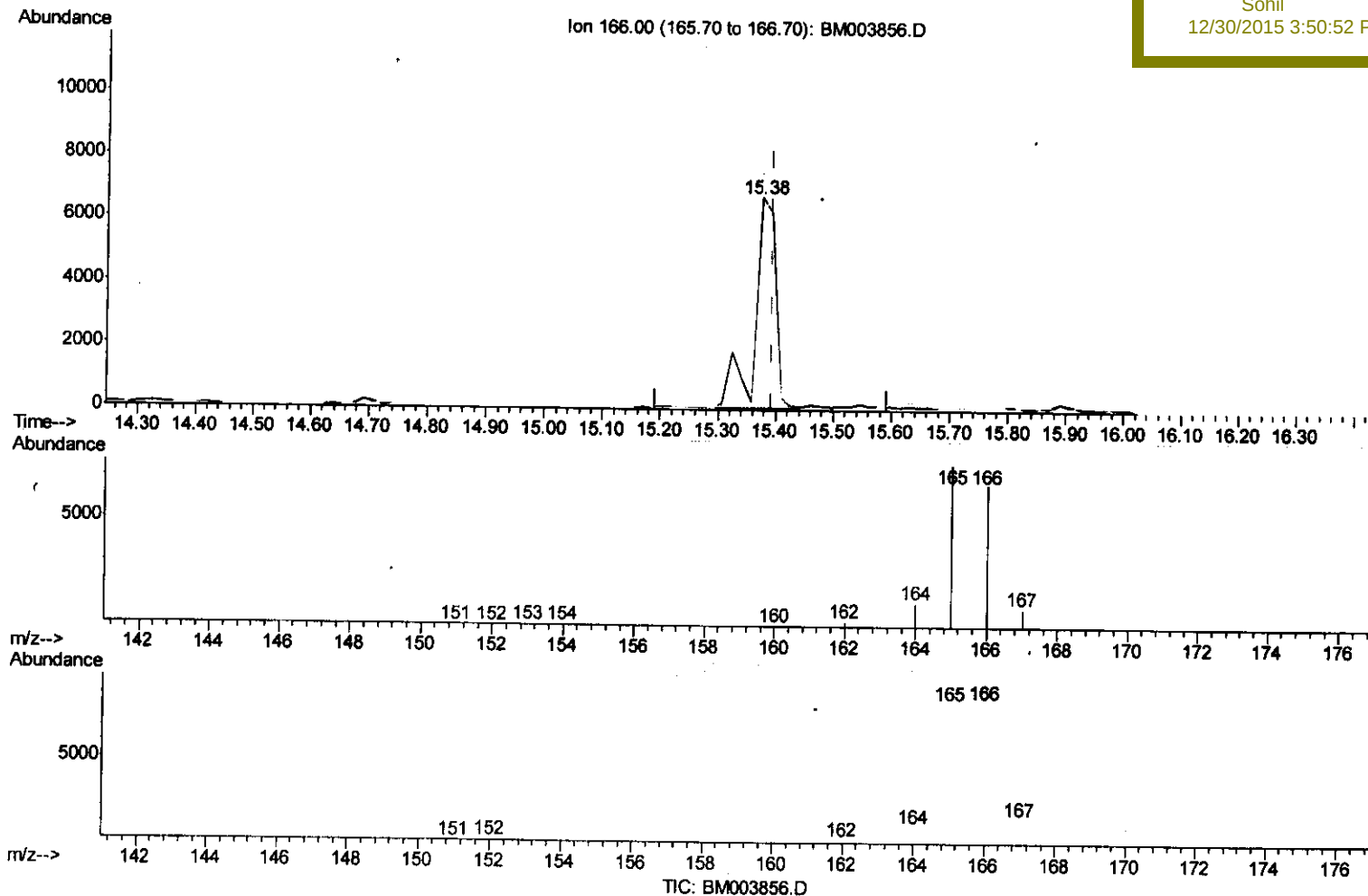
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003856.D
 Acq On : 29 Dec 2015 19:21
 Operator : SJ/UM
 Sample : G4848-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 30 03:33:39 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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Instrument :
 BNA_M
 ClientSampleId :
 D9N58

Manual Integrations
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Sohil
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(11) Fluorene

15.376min (-0.017) 0.38ng/ul

response 16825

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	113.58#
167.00	14.90	13.61
0.00	0.00	0.00

Quantitation Report (Qedit)

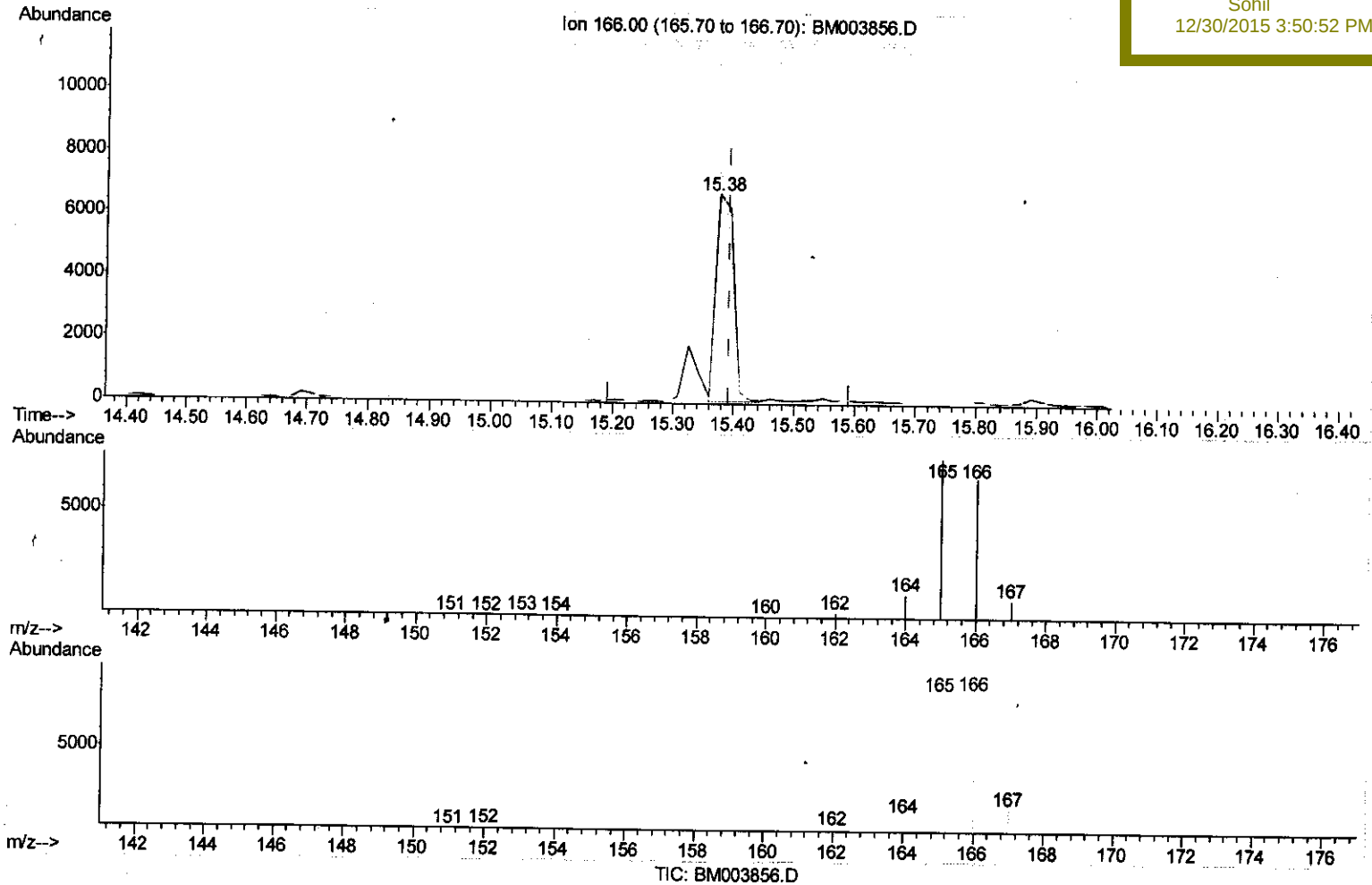
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003856.D
 Acq On : 29 Dec 2015 19:21
 Operator : SJ/UM
 Sample : G4848-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N58

Manual Integrations
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Sohil
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Quant Time: Dec 30 03:33:39 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



(11) Fluorene

15.376min (-0.017) 0.31ng/ul m

response 13657

U.M
 11/16

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	113.58#
167.00	14.90	13.61
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123115\
 Data File : BM003856.D
 Acq On : 29 Dec 2015 19:21
 Operator : SJ/UM
 Sample : G4848-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Dec 30 10:09:24 2015
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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	5049	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	22066	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	13096	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	28874m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	22520	0.40	ng/ul	0.00
22) Perylene-d12	23.51	264	15123m	0.40	ng/ul	-0.01

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	22367	10.36	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	8632	0.33	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	21508	0.35	ng/ul	0.00

Target Compounds

						Qvalue
5) Naphthalene	10.51	128	39547	0.80	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	5264	0.16	ng/ul	98
10) Acenaphthene	14.38	153	8793	0.22	ng/ul#	81
11) Fluorene	15.38	166	13657m	0.31	ng/ul	
13) Pentachlorophenol	16.75	266	319	0.08	ng/ul	93
14) Phenanthrene	17.11	178	112826m	1.51	ng/ul	
15) Anthracene	17.21	178	10089	0.16	ng/ul	96
17) Fluoranthene	19.14	202	67396	0.83	ng/ul	99
19) Pyrene	19.51	202	49776	0.82	ng/ul	99
20) Benzo(a)anthracene	21.26	228	7831	0.14	ng/ul#	94
21) Chrysene	21.31	228	7163m	0.11	ng/ul	

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