

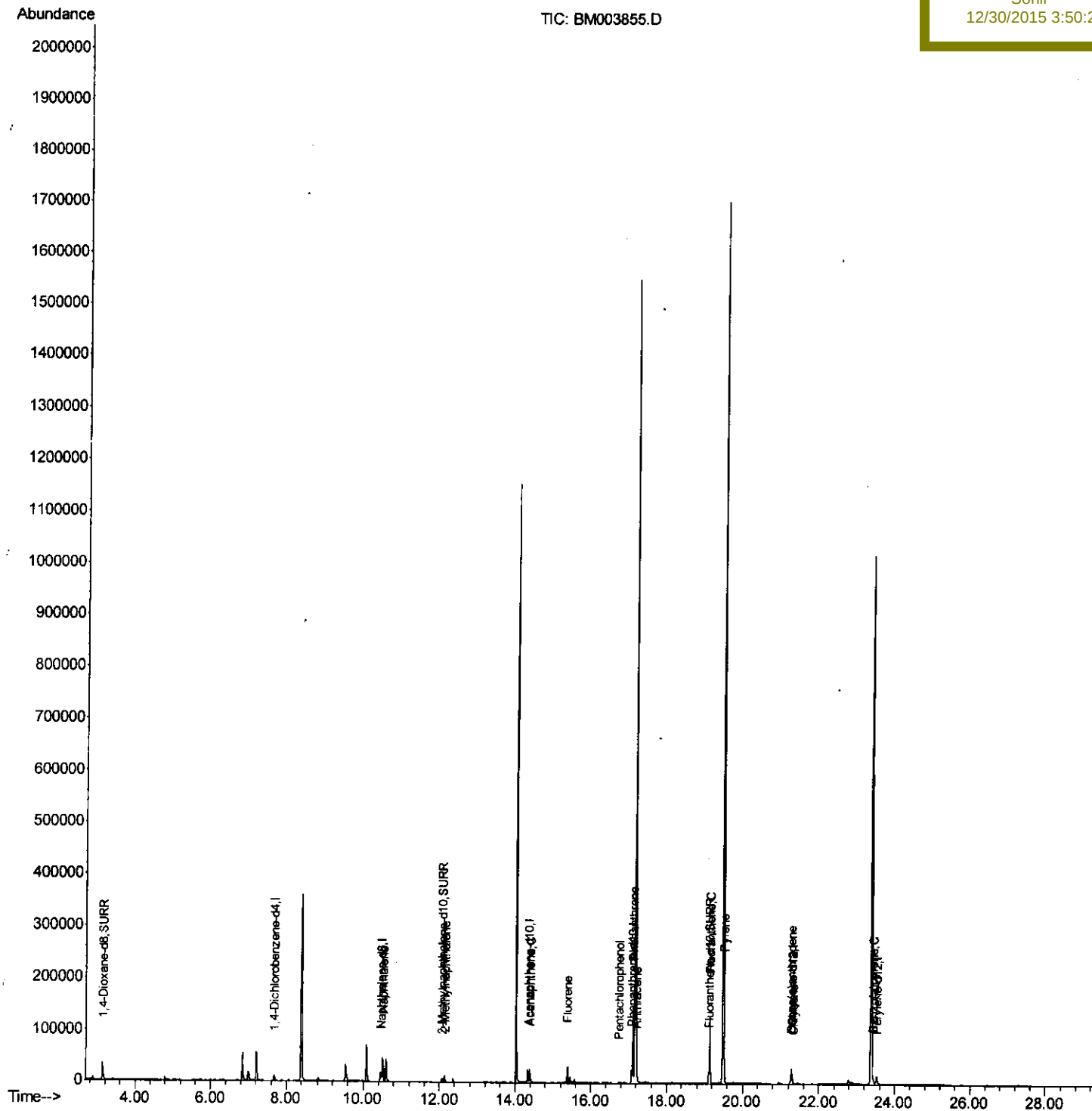
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123115\
Data File : BM003855.D
Acq On : 29 Dec 2015 18:45
Operator : SJ/UM
Sample : G4848-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 10:08:04 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 :
D9N57

Manual Integrations
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Sohil
12/30/2015 3:50:24 PM



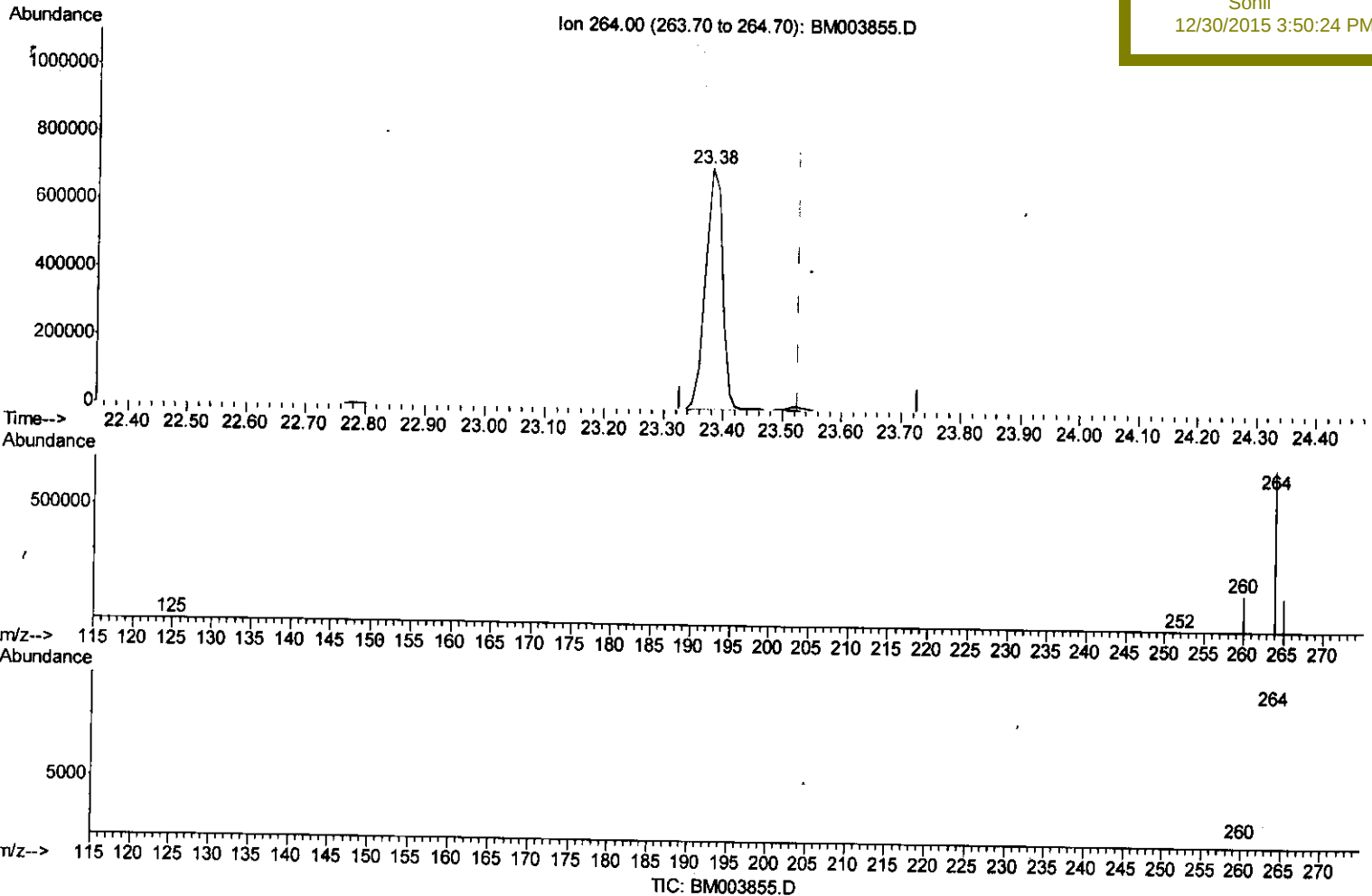
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
Data File : BM003855.D
Acq On : 29 Dec 2015 18:45
Operator : SJ/UM
Sample : G4848-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 03:52:12 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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Manual Integrations
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(22) Perylene-d12 (I)

23.379min (-0.149) 0.40ng/ul

response 1370637

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	22.36
265.00	38.20	21.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

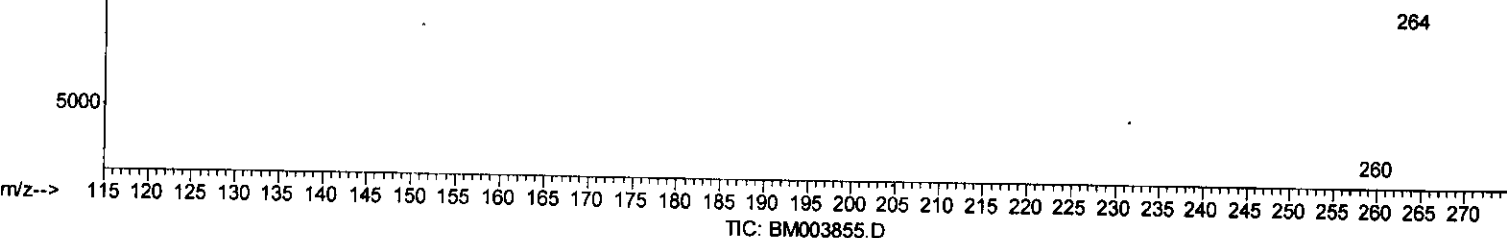
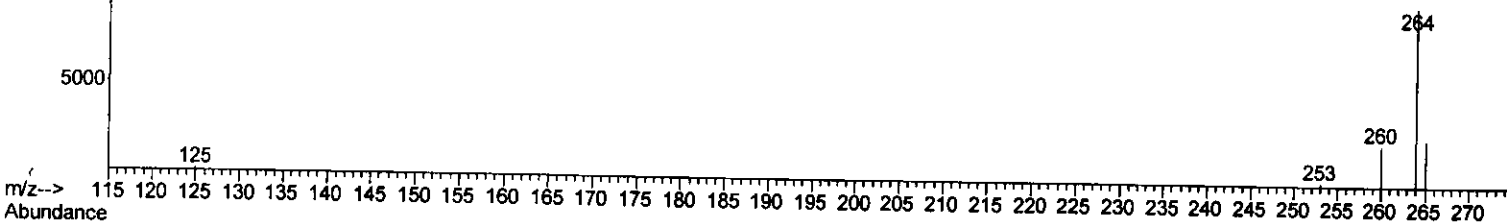
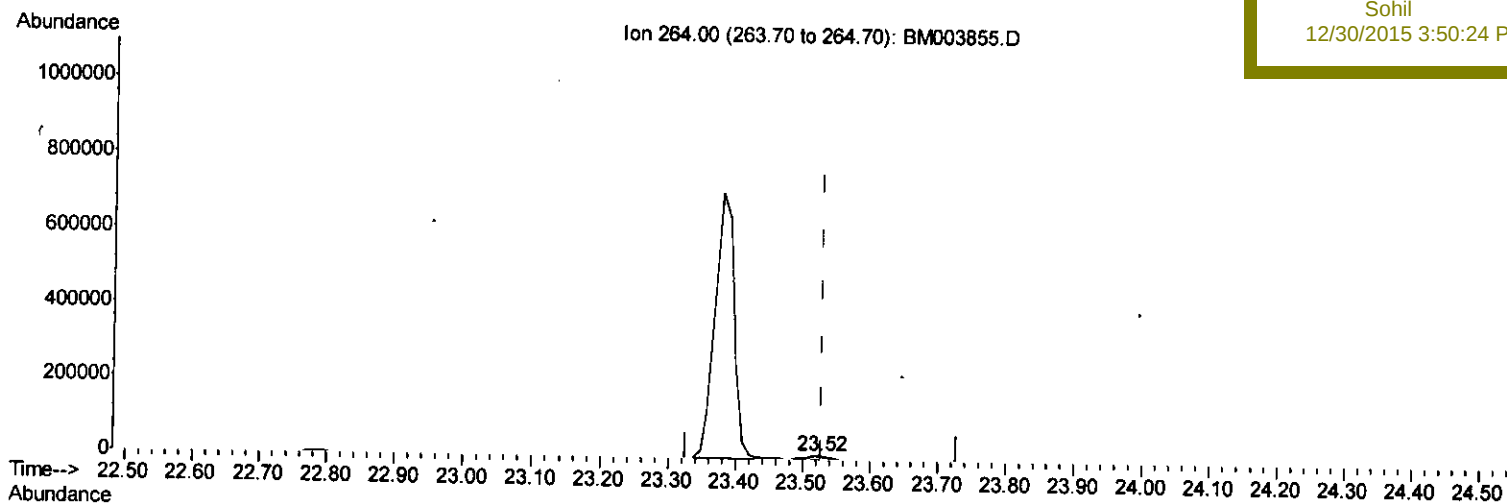
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003855.D
 Acq On : 29 Dec 2015 18:45
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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Quant Time: Dec 30 03:52:12 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



(22) Perylene-d12 (I)

23.525min (-0.003) 0.40ng/ul m

response 15902

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	24.98
265.00	38.20	27.85#
0.00	0.00	0.00

U. M
 11/16

Quantitation Report (Qedit)

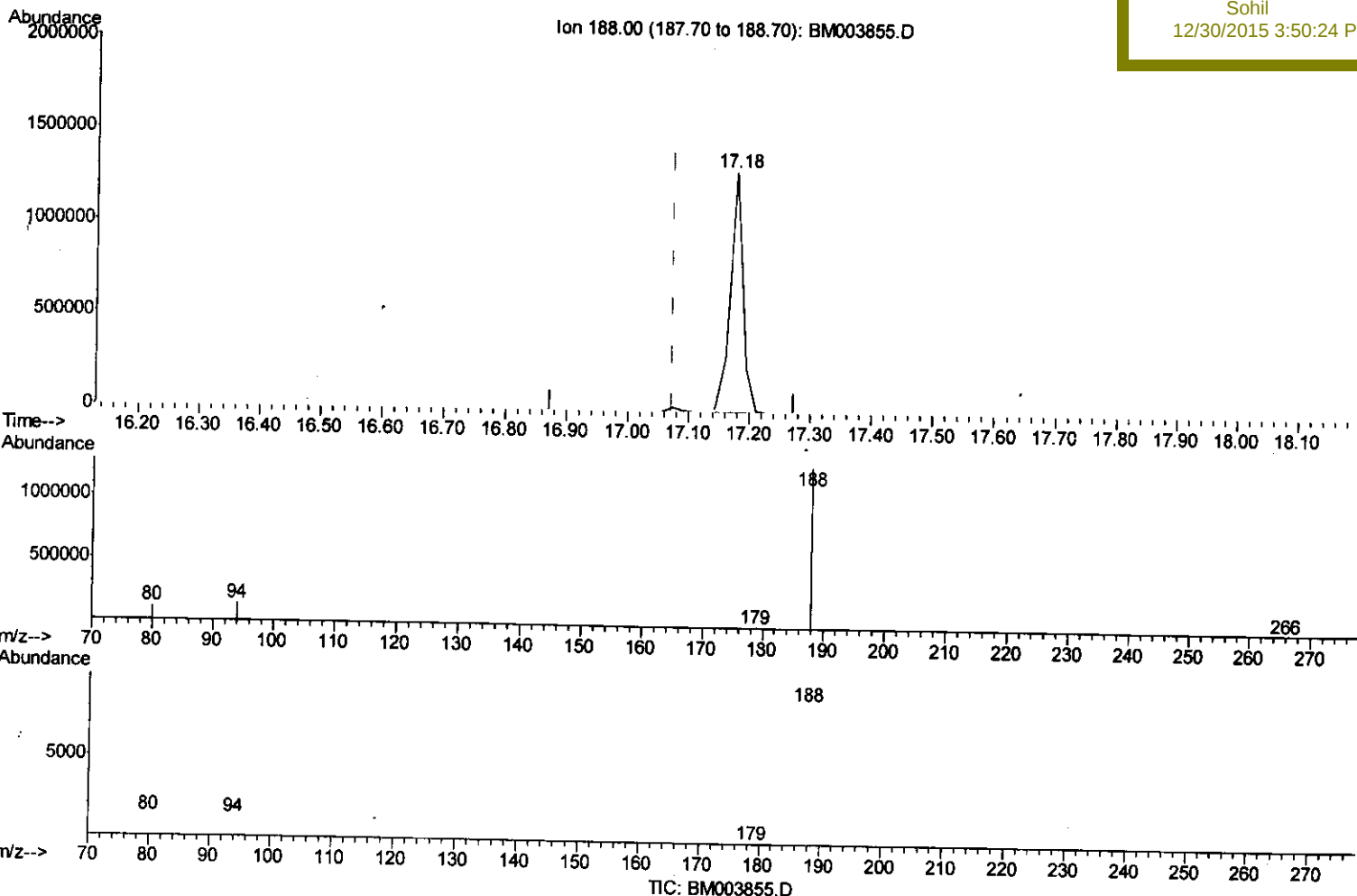
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003855.D
 Acq On : 29 Dec 2015 18:45
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 03:33:27 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 :
 D9N57

Manual Integrations
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(12) Phenanthrene-d10 (I)

17.176min (+0.103) 0.40ng/ui

response 1872850

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.71
80.00	11.90	8.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

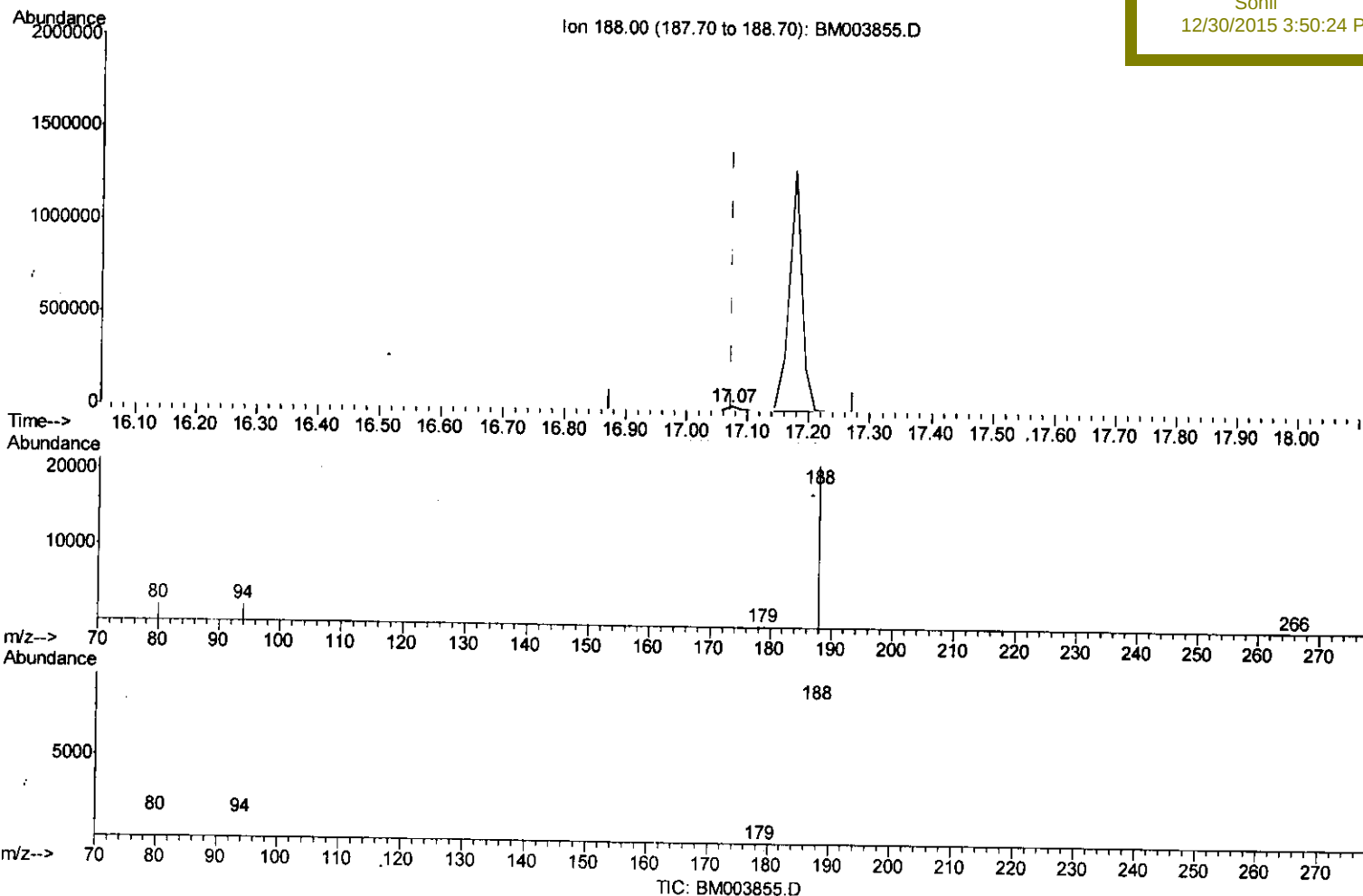
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003855.D
 Acq On : 29 Dec 2015 18:45
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 03:33:27 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
 Client Sample ID :
 D9N57

Manual Integrations
 APPROVED

Sohil
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(12) Phenanthrene-d10 (I)

17.074min (+0.000) 0.40ng/ul m

U.M
 11118

response 30340

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.65
80.00	11.90	10.80
0.00	0.00	0.00

Quantitation Report (Qedit)

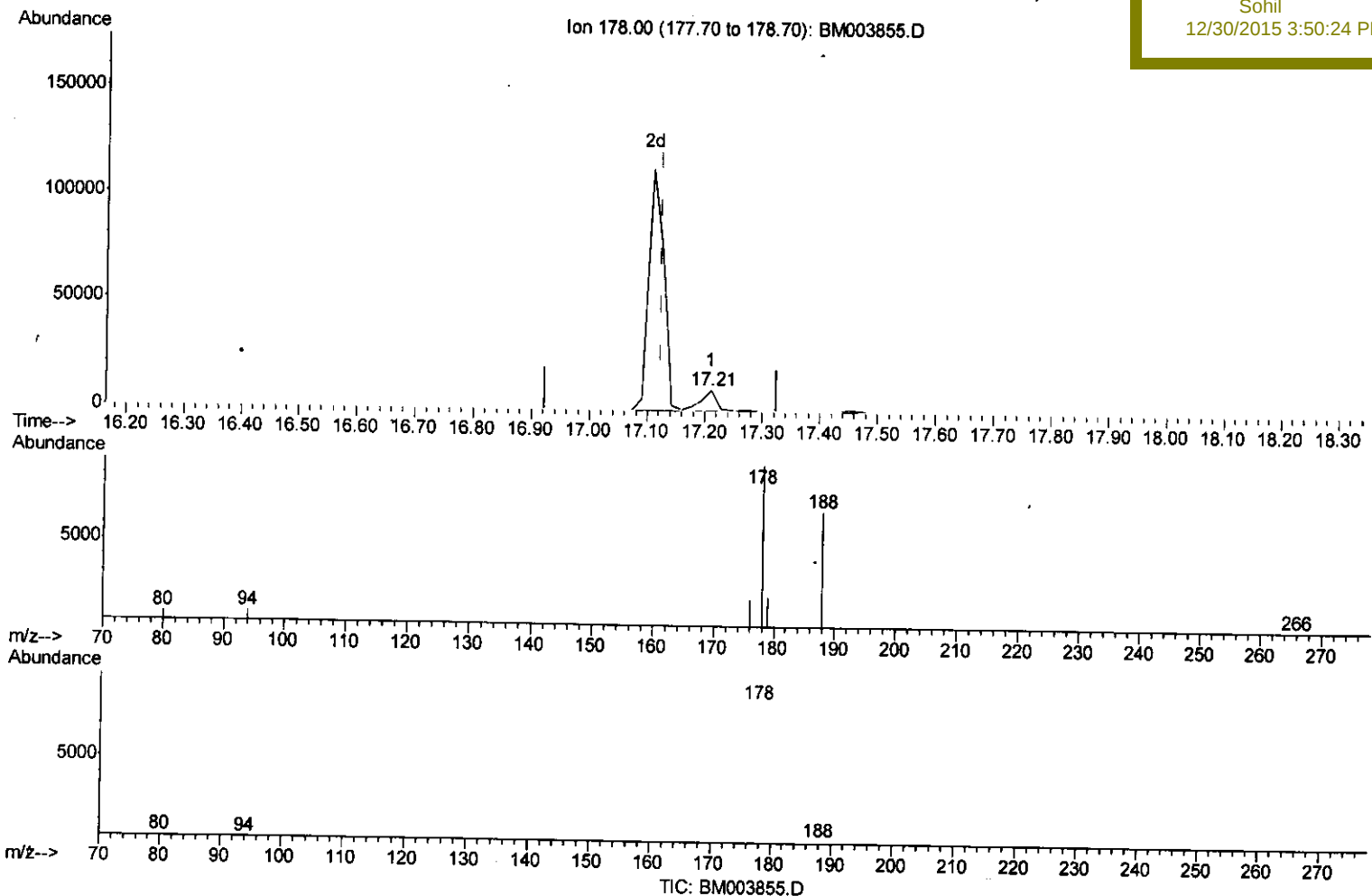
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003855.D
 Acq On : 29 Dec 2015 18:45
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 03:52:12 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
 Client Sample ID :
 D9N57

Manual Integrations
 APPROVED

Sohil
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(14) Phenanthrene

17.211min (+0.086) 0.24ng/ui

response 18527

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	17.35
179.00	17.70	18.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003855.D
 Acq On : 29 Dec 2015 18:45
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N57

Manual Integrations
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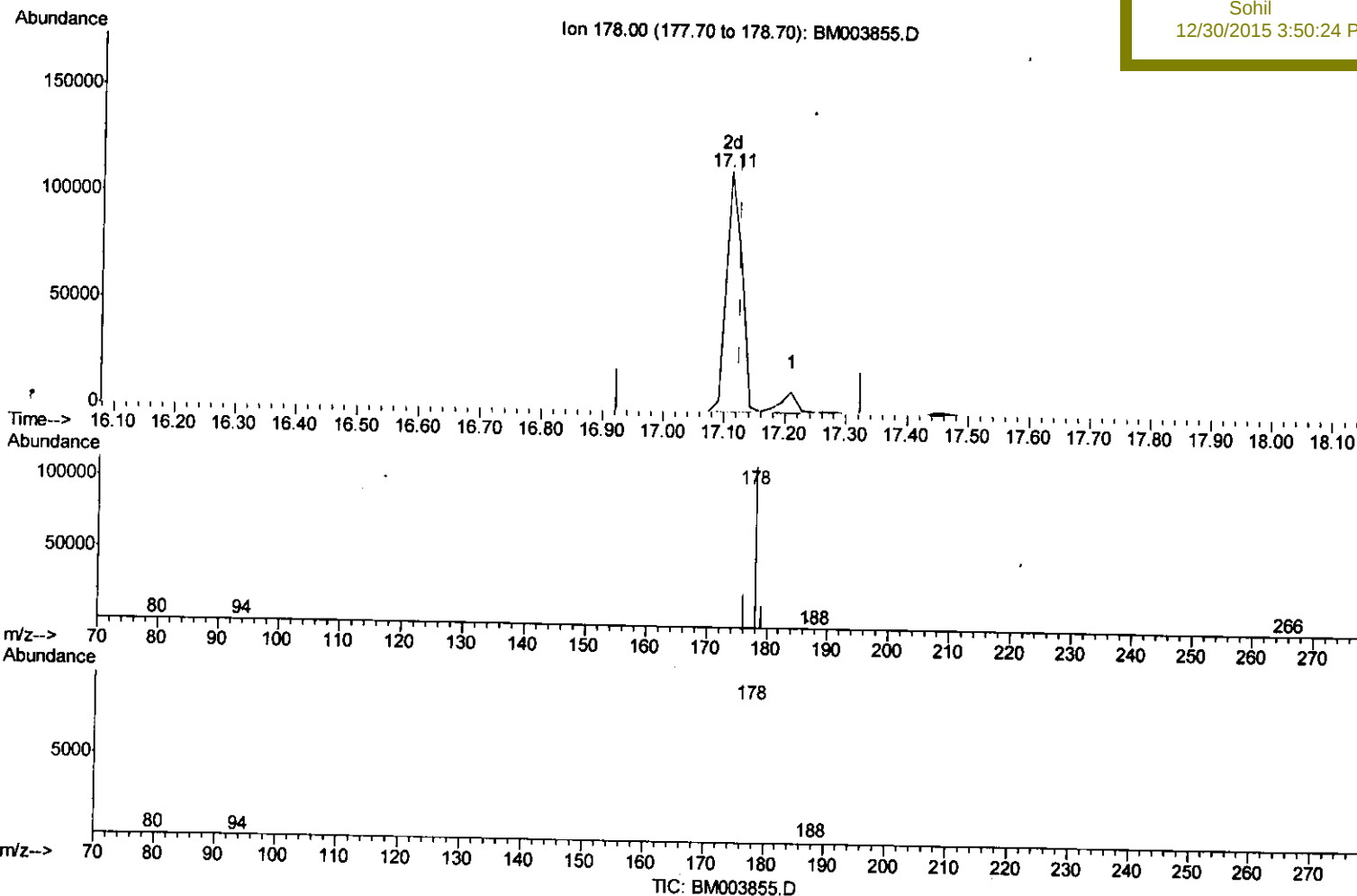
Quant Time: Dec 30 03:52:12 2015

*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



(14) Phenanthrene

17.108min (-0.017) 2.55ng/ul m UM
 response 199363 11116

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	21.29#
179.00	17.70	13.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

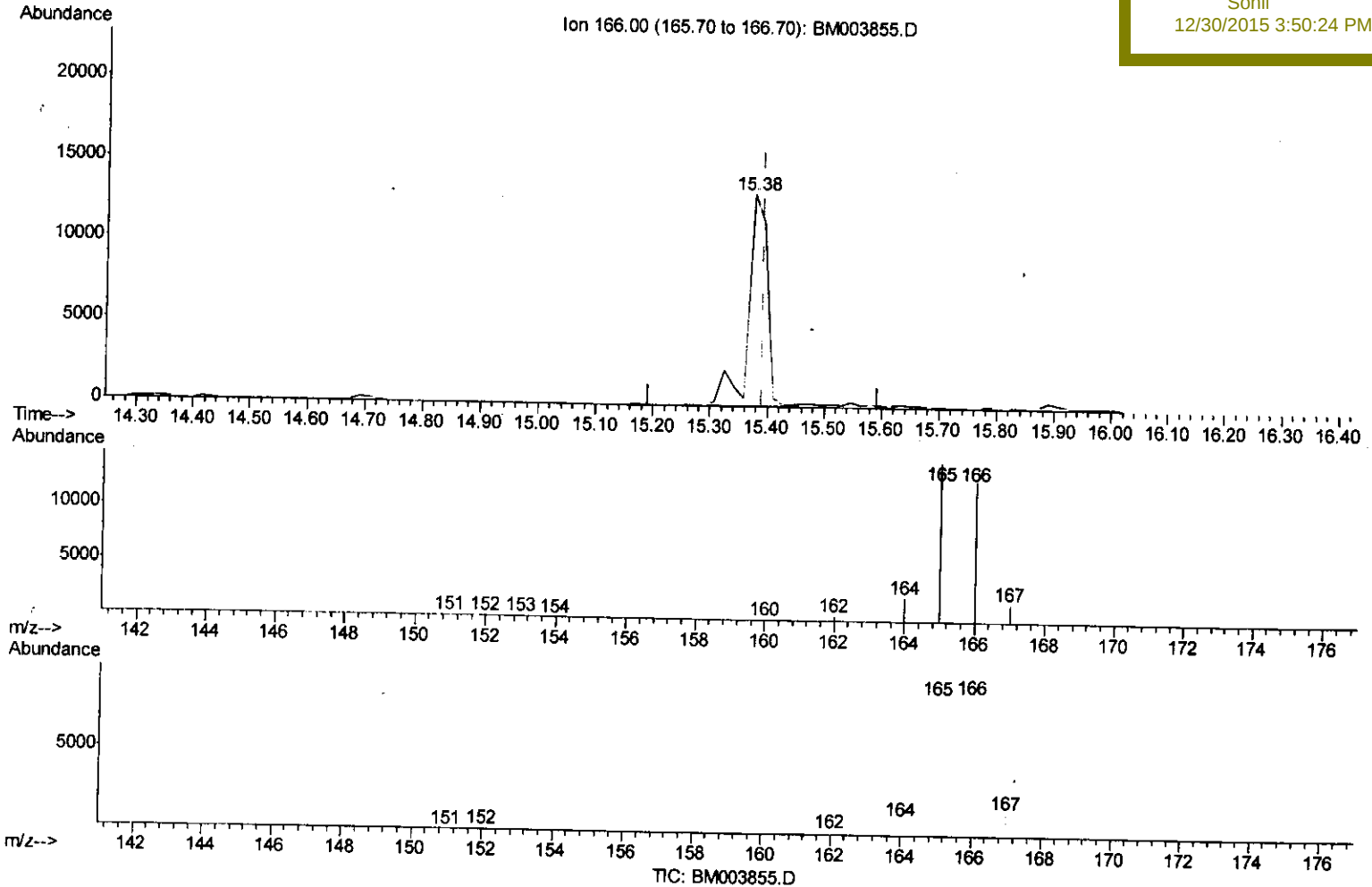
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003855.D
 Acq On : 29 Dec 2015 18:45
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 03:33:27 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 :
 D9N57

Manual Integrations
 APPROVED

Sohil
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(11) Fluorene

15.376min (-0.017) 0.60ng/ul

response 29667

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	112.76#
167.00	14.90	13.30
0.00	0.00	0.00

Quantitation Report (Qedit)

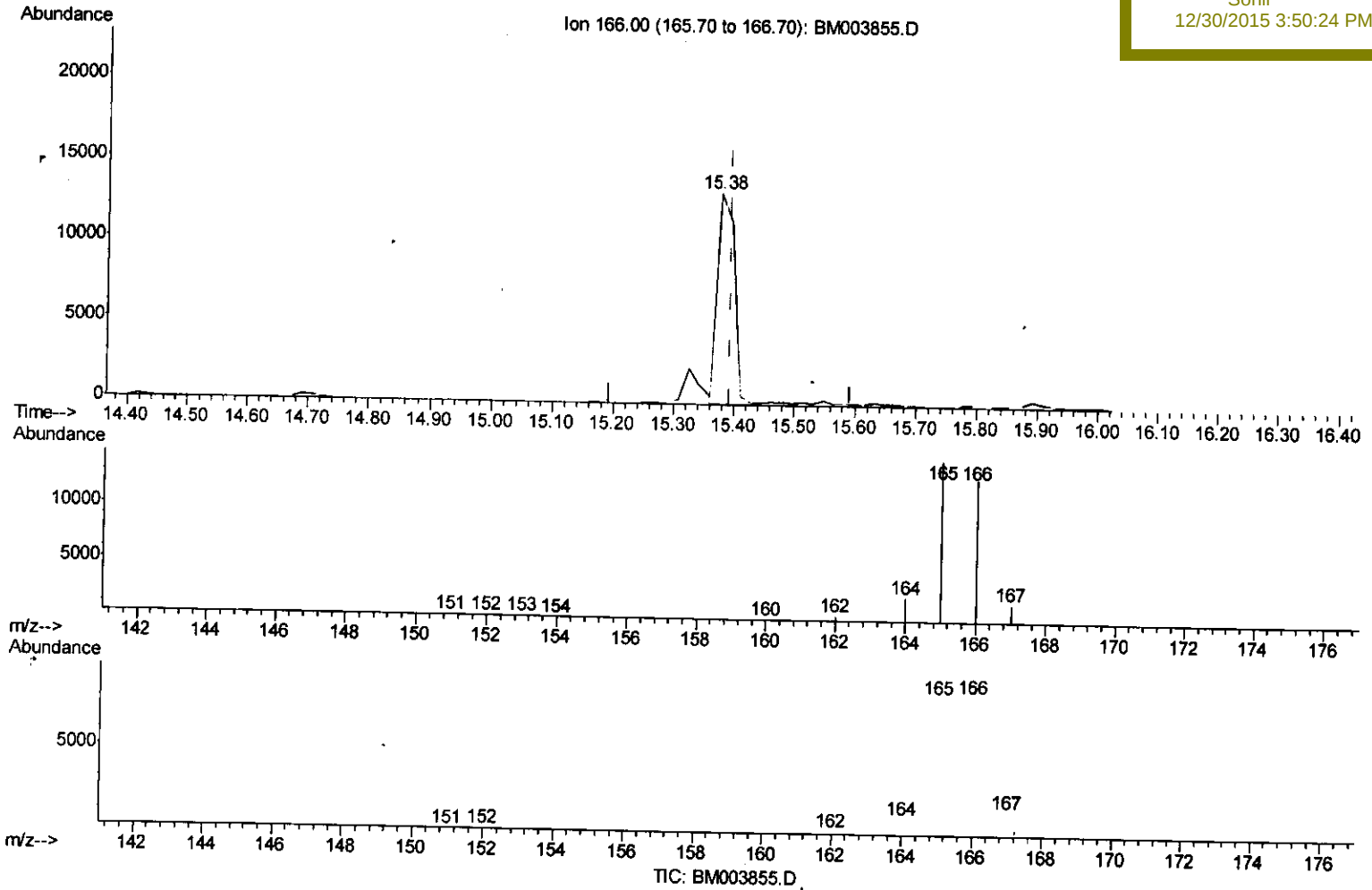
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003855.D
 Acq On : 29 Dec 2015 18:45
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N57

Manual Integrations
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Sohil
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Quant Time: Dec 30 03:33:27 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) 0.51ng/ul m (1,1)

response 25508

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	112.76#
167.00	14.90	13.30
0.00	0.00	0.00

11/11/16

TIC: BM003855.D

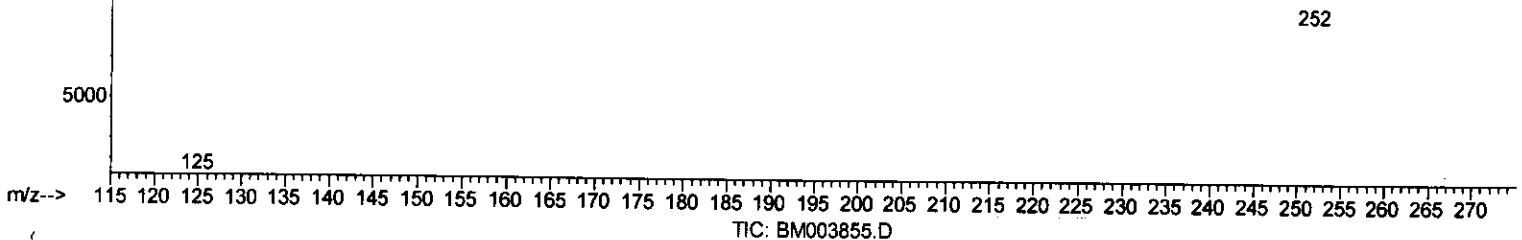
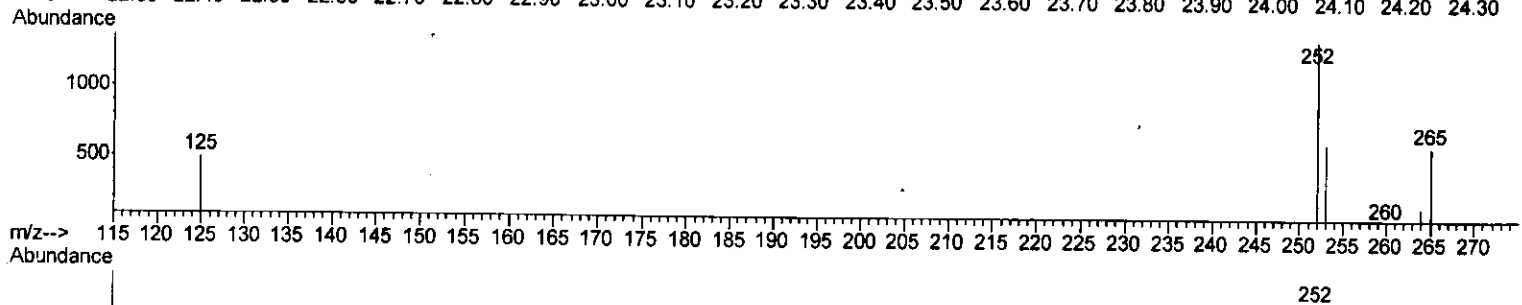
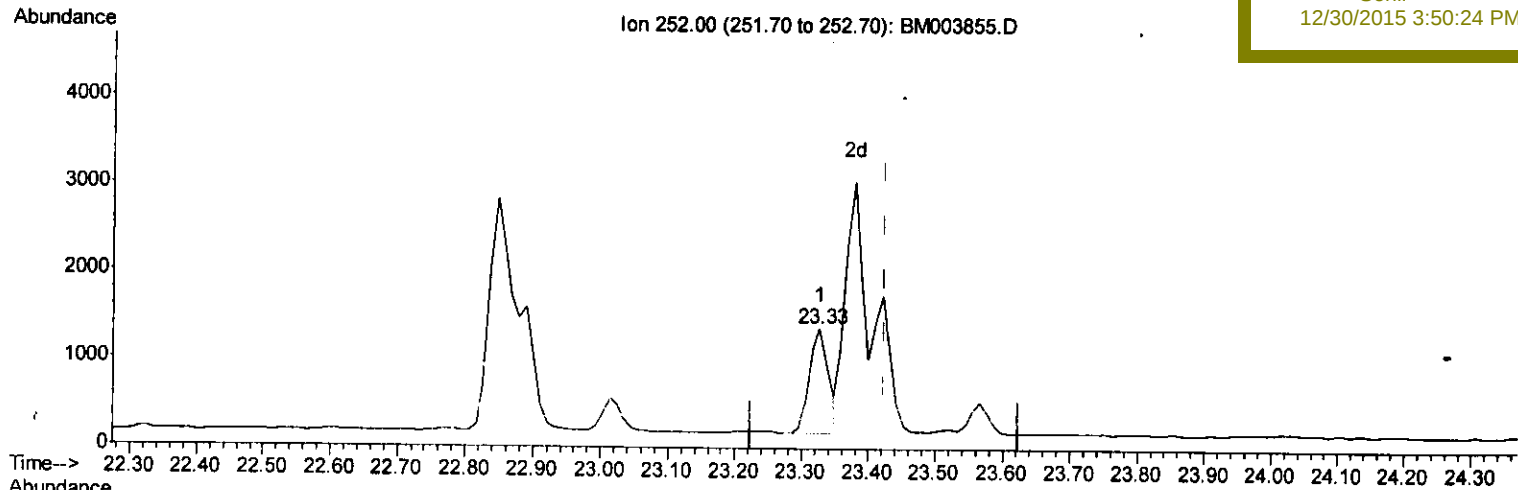
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
Data File : BM003855.D
Acq On : 29 Dec 2015 18:45
Operator : SJ/UM
Sample : G4848-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 03:53:58 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 :
D9N57

Manual Integrations
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(25) Benzo(a)pyrene (C)

23.327min (-0.097) 0.05ng/ul

response 2360

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	46.54#
125.00	15.90	35.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

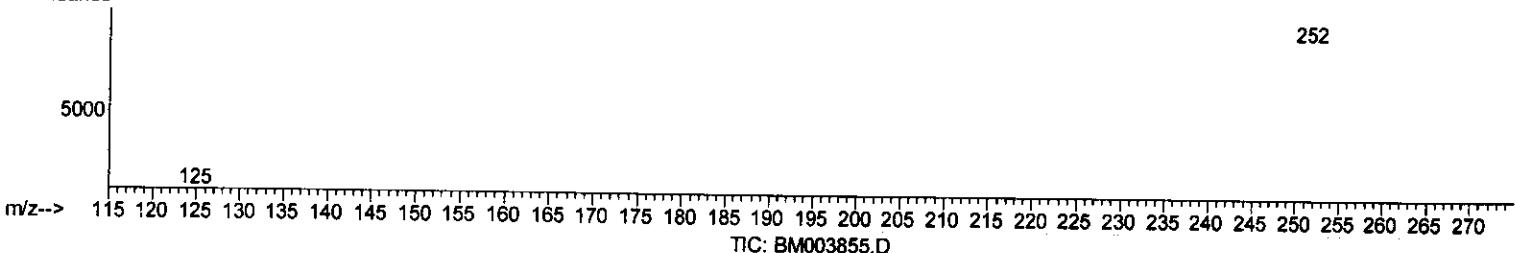
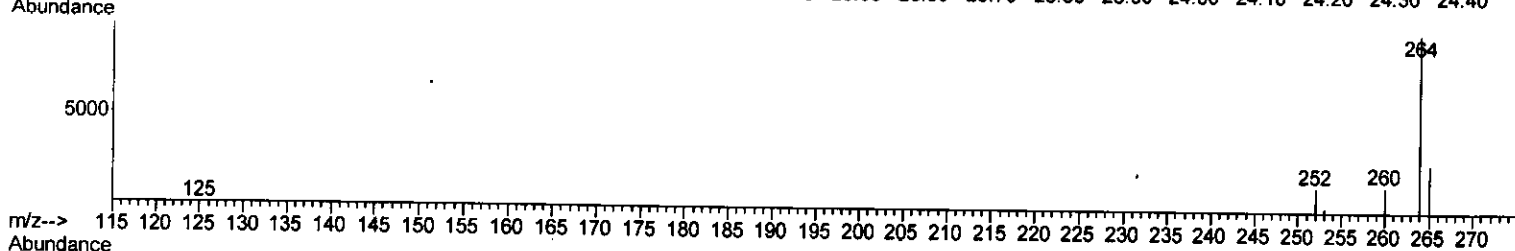
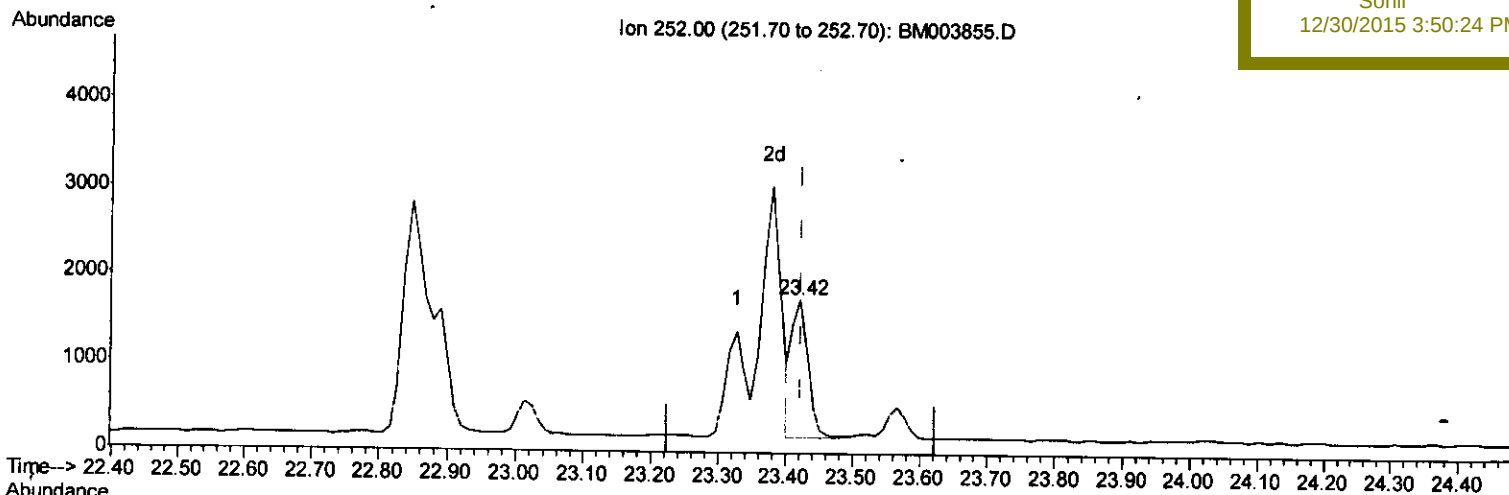
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003855.D
 Acq On : 29 Dec 2015 18:45
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N57

Manual Integrations
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Quant Time: Dec 30 03:53:58 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



(25) Benzo(a)pyrene (C)

23.420min (-0.003) 0.06ng/ul m U.M
1/1/16

response 2669

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	42.40#
125.00	15.90	29.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

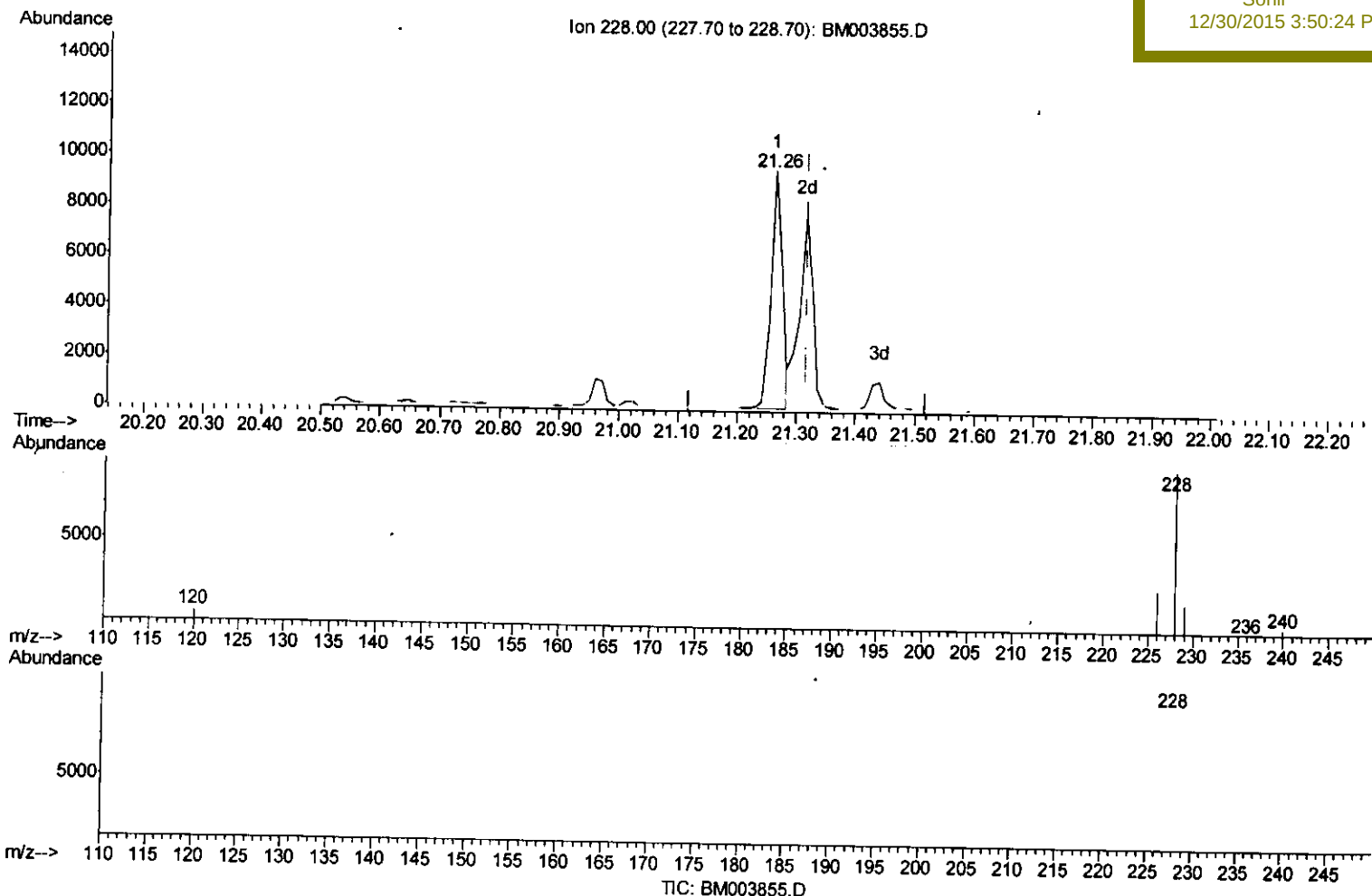
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003855.D
 Acq On : 29 Dec 2015 18:45
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 30 03:52:12 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Dec 30 03:30:26 2015
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 D9N57

Manual Integrations
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(21) Chrysene

21.263min (-0.055) 0.19ng/ul

response 12776

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	28.93
229.00	21.30	21.11
0.00	0.00	0.00

Quantitation Report (Qedit)

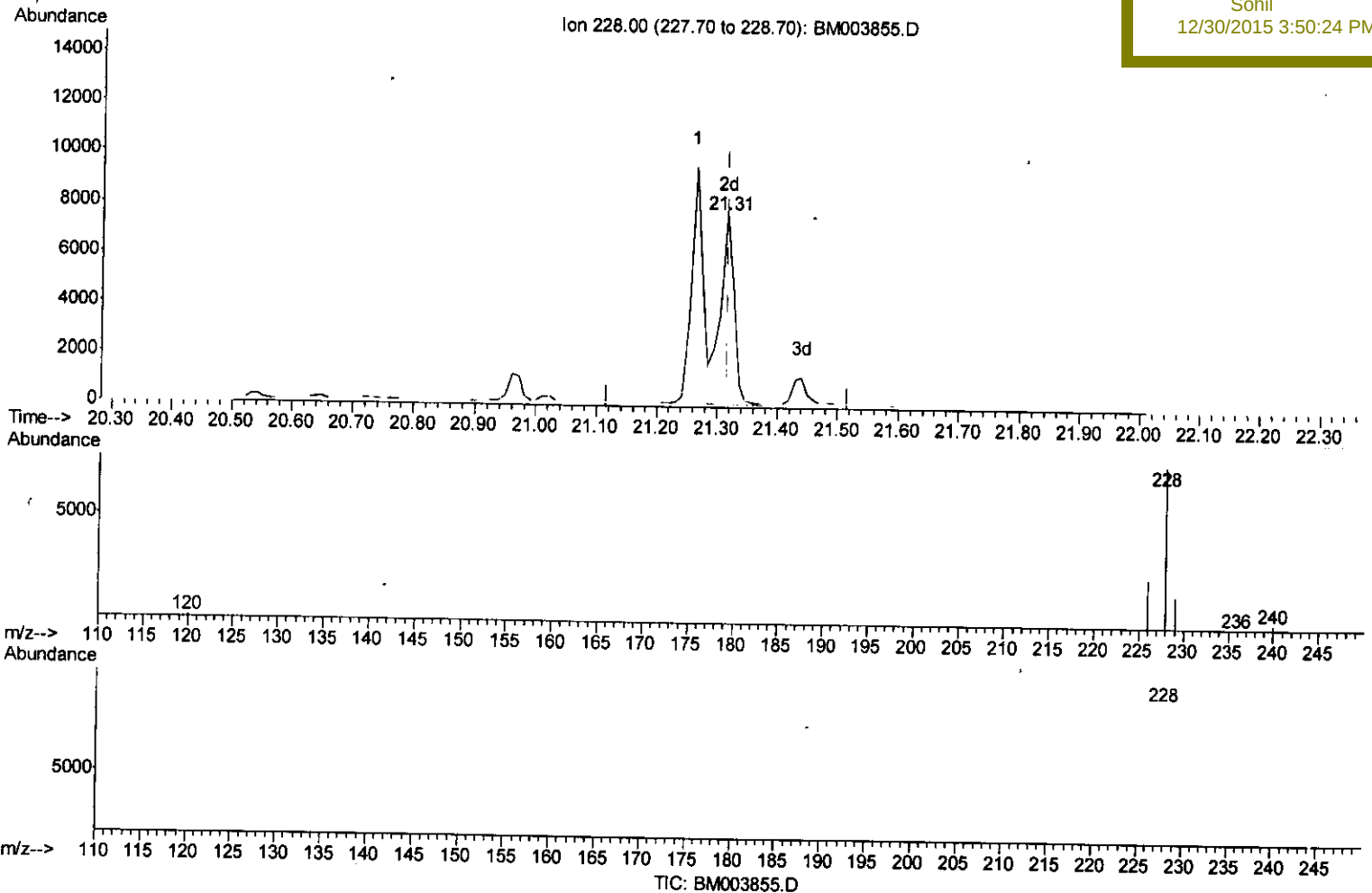
Data Path : Z:\HPCHEM1\BNA M\Data\BM123115\
 Data File : BM003855.D
 Acq On : 29 Dec 2015 18:45
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N57

Manual Integrations
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Quant Time: Dec 30 03:52:12 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



(21) Chrysene

21.315min (-0.003) 0.18ng/ul m U.M
 response 11969 11/1/16

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	31.83#
229.00	21.30	21.81
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123115\
 Data File : BM003855.D
 Acq On : 29 Dec 2015 18:45
 Operator : SJ/UM
 Sample : G4848-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Dec 30 10:08:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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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	5618	0.40	ng/ul	0.00
4) Naphthalene-d8	10.46	136	24403	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.33	164	14512	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.07	188	30340m	0.40	ng/ul	0.00
18) Chrysene-d12	21.28	240	24280	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	15902m	0.40	ng/ul	0.00

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.14	96	25266	10.52	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.06	152	10418	0.36	ng/ul	-0.01
16) Fluoranthene-d10	19.12	212	26208	0.41	ng/ul	0.00

Target Compounds

						Qvalue
5) Naphthalene	10.51	128	64550	1.17	ng/ul	98
7) 2-Methylnaphthalene	12.13	142	9016	0.24	ng/ul	98
10) Acenaphthene	14.38	153	15988	0.36	ng/ul#	83
11) Fluorene	15.38	166	25508m	0.51	ng/ul	
13) Pentachlorophenol	16.75	266	728	0.17	ng/ul	96
14) Phenanthrene	17.11	178	199363m	2.55	ng/ul	
15) Anthracene	17.21	178	18579	0.27	ng/ul	98
17) Fluoranthene	19.14	202	114391	1.35	ng/ul	99
19) Pyrene	19.51	202	81438	1.24	ng/ul	98
20) Benzo(a)anthracene	21.26	228	12776	0.22	ng/ul#	94
21) Chrysene	21.31	228	11969m	0.18	ng/ul	
25) Benzo(a)pyrene	23.42	252	2669m	0.06	ng/ul	

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