

Quantitation Report (QT Reviewed)

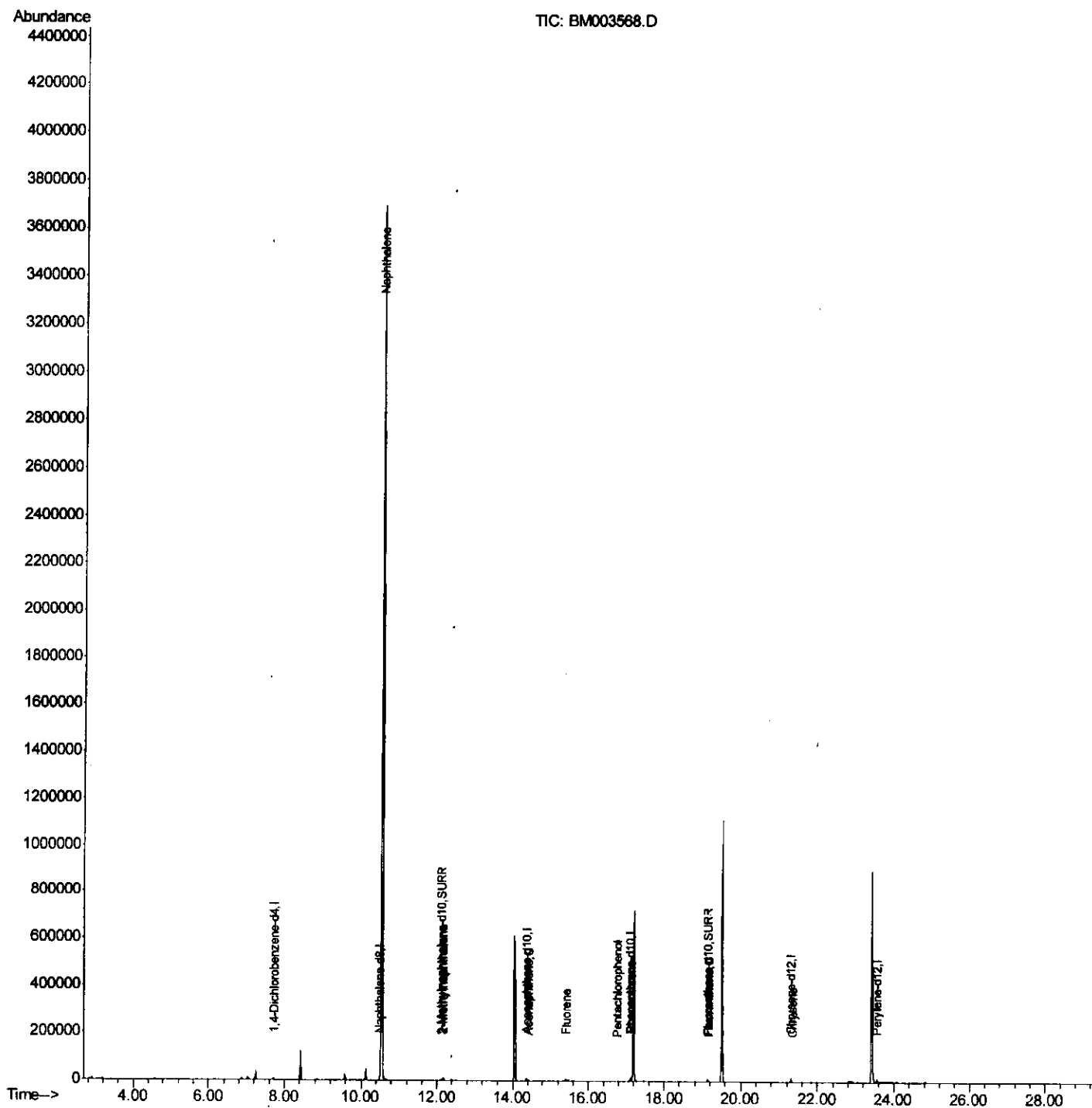
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
 Data File : BM003568.D
 Acq On : 16 Dec 2015 02:55
 Operator : UM/IZ
 Sample : G4734-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KX8

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 6:39:11 PM

Quant Time: Dec 16 18:22:06 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 16 05:49:57 2015
 Response via : Initial Calibration



Quantitation Report (Qedit)

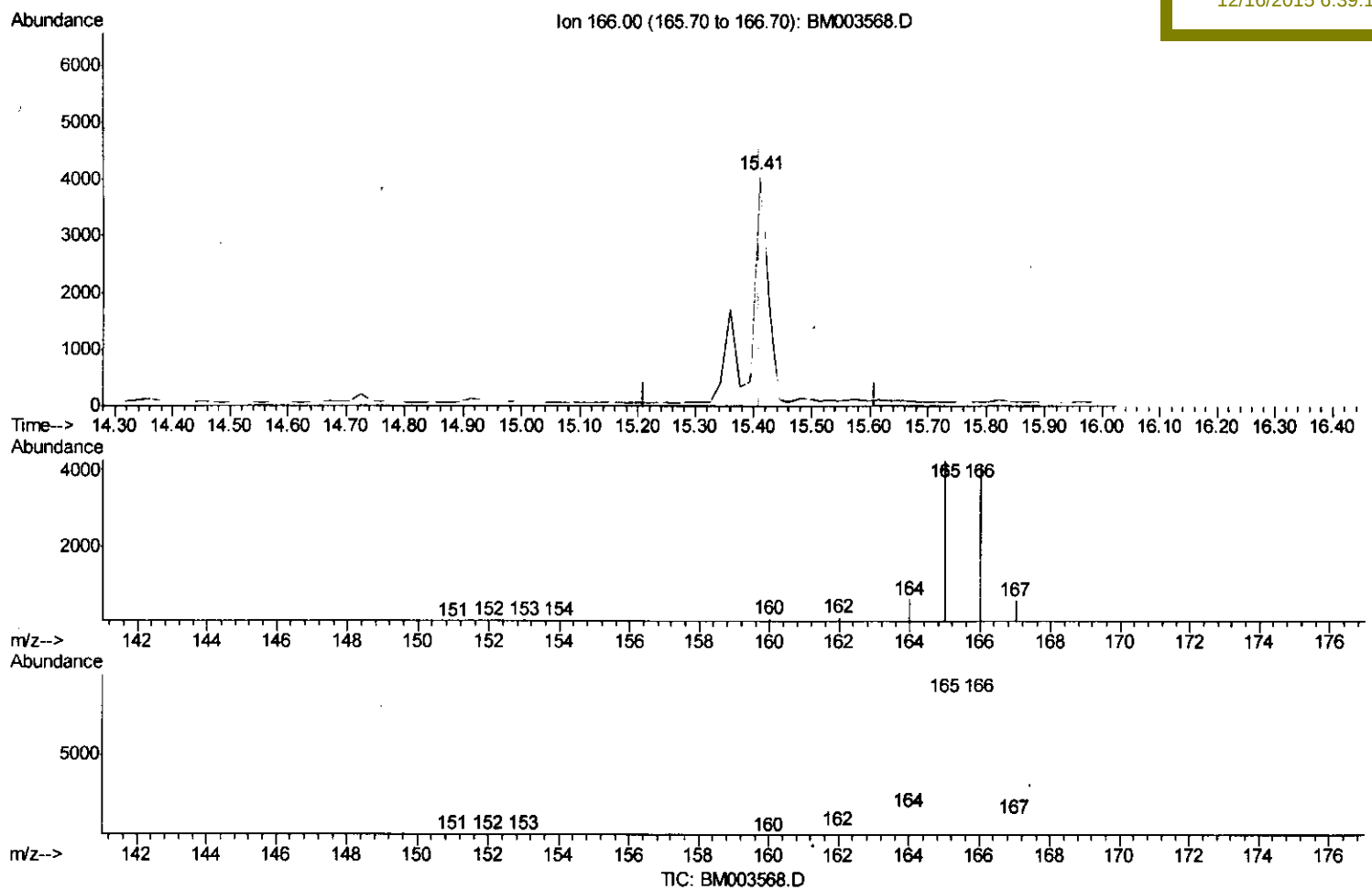
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
 Data File : BM003568.D
 Acq On : 16 Dec 2015 02:55
 Operator : UM/IZ
 Sample : G4734-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KX8

Quant Time: Dec 16 17:34:10 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 16 05:49:57 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 6:39:11 PM



(11) Fluorene

15.410min (0.000) 0.29ng/ul

response 8584

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	103.79
167.00	14.90	15.02
0.00	0.00	0.00

Quantitation Report (Qedit)

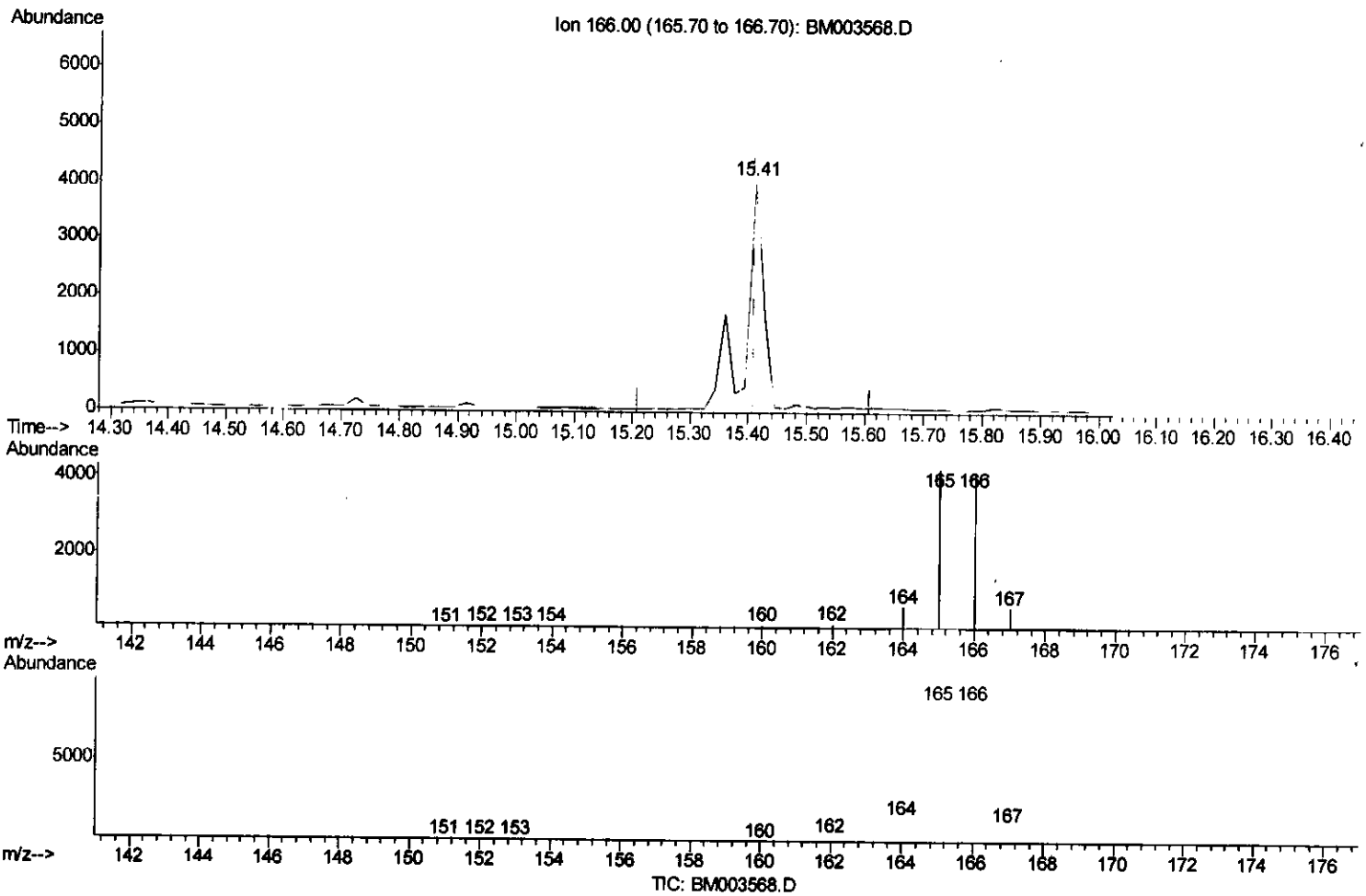
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
 Data File : BM003568.D
 Acq On : 16 Dec 2015 02:55
 Operator : UM/IZ
 Sample : G4734-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KX8

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 6:39:11 PM

Quant Time: Dec 16 17:34:10 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 16 05:49:57 2015
 Response via : Initial Calibration



(11) Fluorene

15.410min (0.000) 0.21ng/ul m UM
12/17/15

response 6202

Ion	Exp%	Act%
166.00	100	100
165.00	87.00	103.79
167.00	14.90	15.02
0.00	0.00	0.00

Quantitation Report (Qedit)

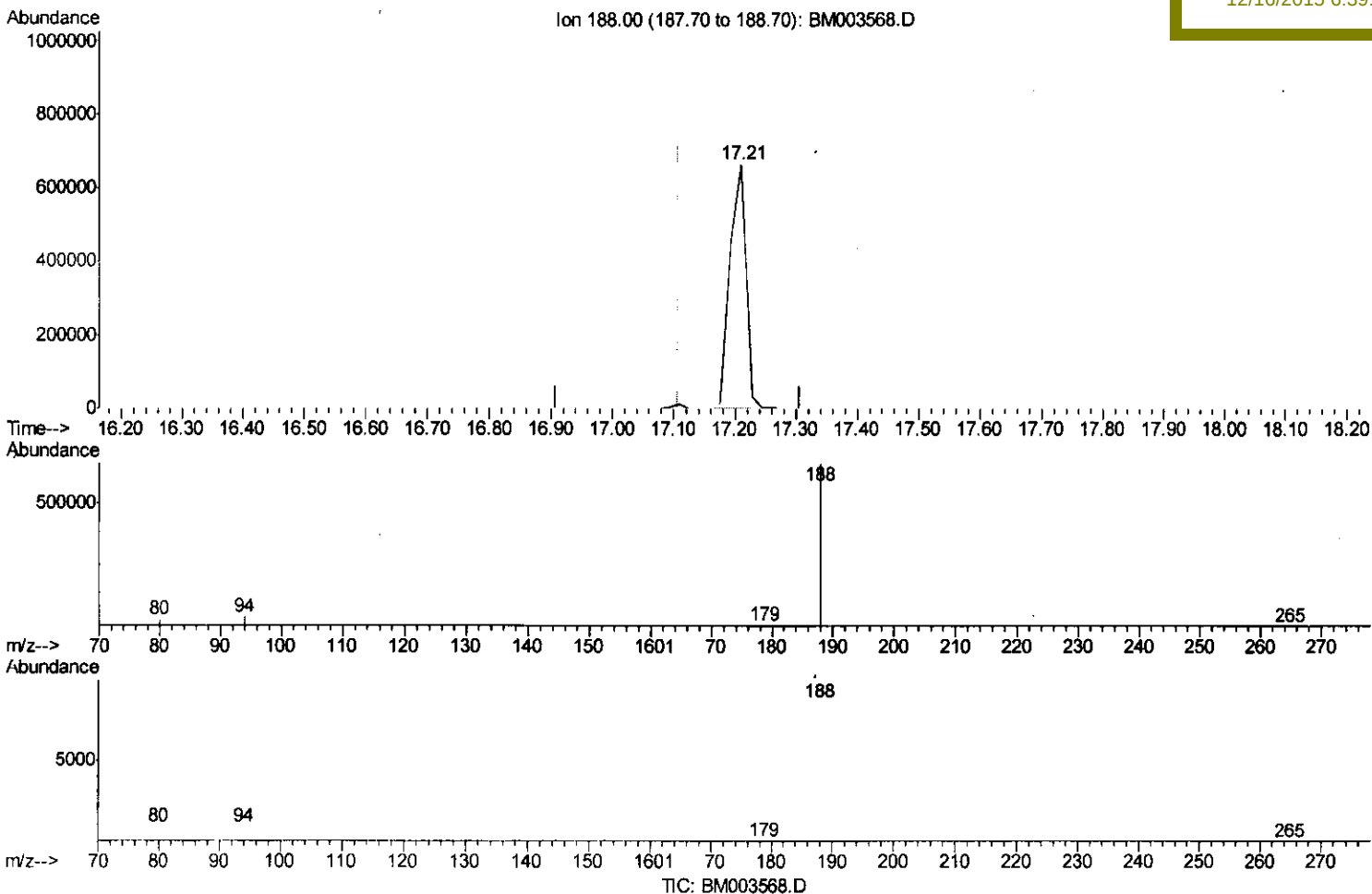
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
 Data File : BM003568.D
 Acq On : 16 Dec 2015 02:55
 Operator : UM/IZ
 Sample : G4734-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 A4KX8

Quant Time: Dec 16 17:34:10 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 16 05:49:57 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 6:39:11 PM



(12) Phenanthrene-d10 (I)

17.210min (+0.103) 0.40ng/ul

response 1202141

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	5.37#
80.00	11.90	3.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

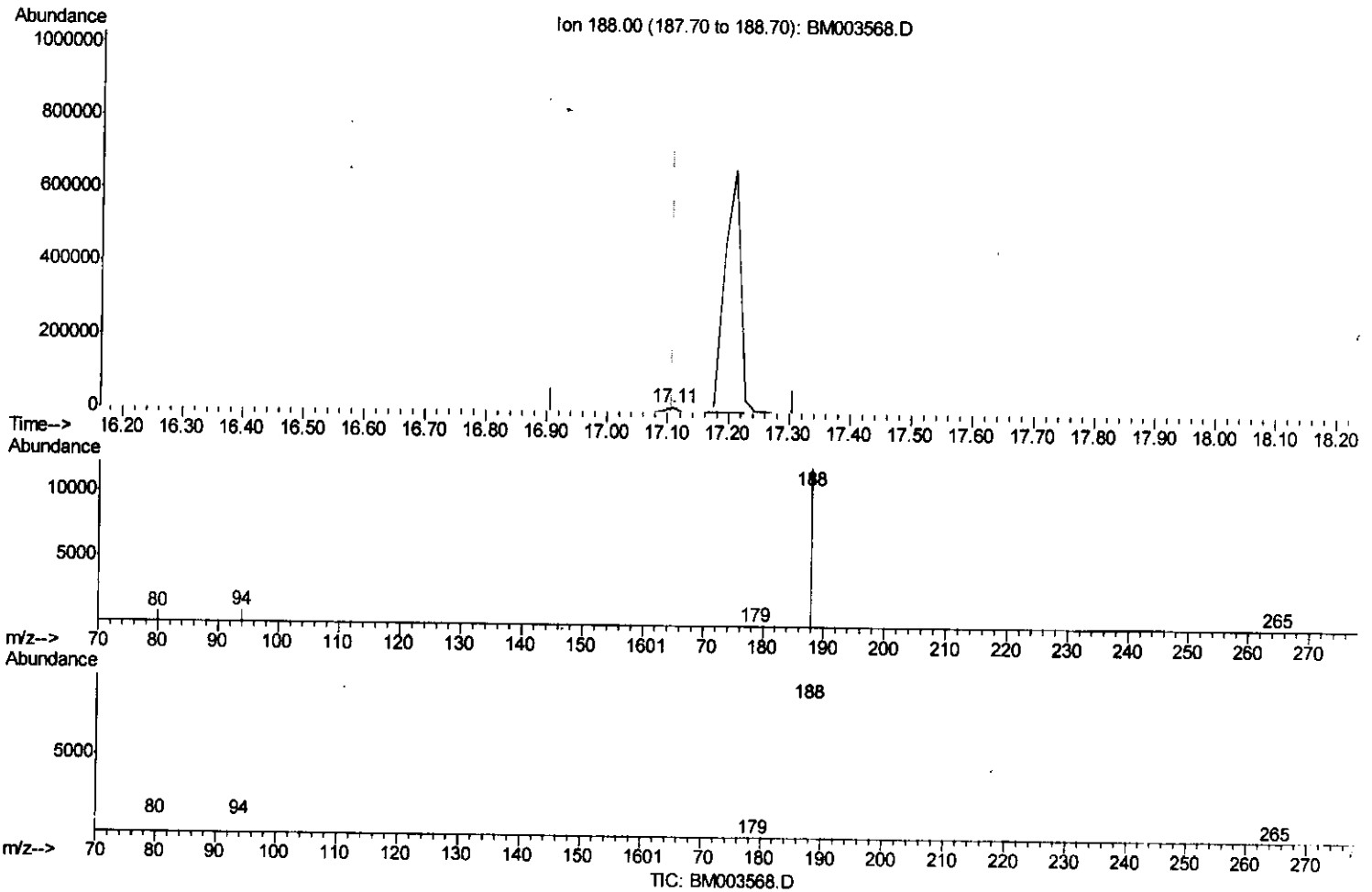
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
 Data File : BM003568.D
 Acq On : 16 Dec 2015 02:55
 Operator : UM/IZ
 Sample : G4734-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KX8

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 6:39:11 PM

Quant Time: Dec 16 17:34:10 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 16 05:49:57 2015
 Response via : Initial Calibration



(12) Phenanthrene-d10 (I)

17.107min (+0.000) 0.40ng/ul m U.M

response 17203

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	7.24#
80.00	11.90	6.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

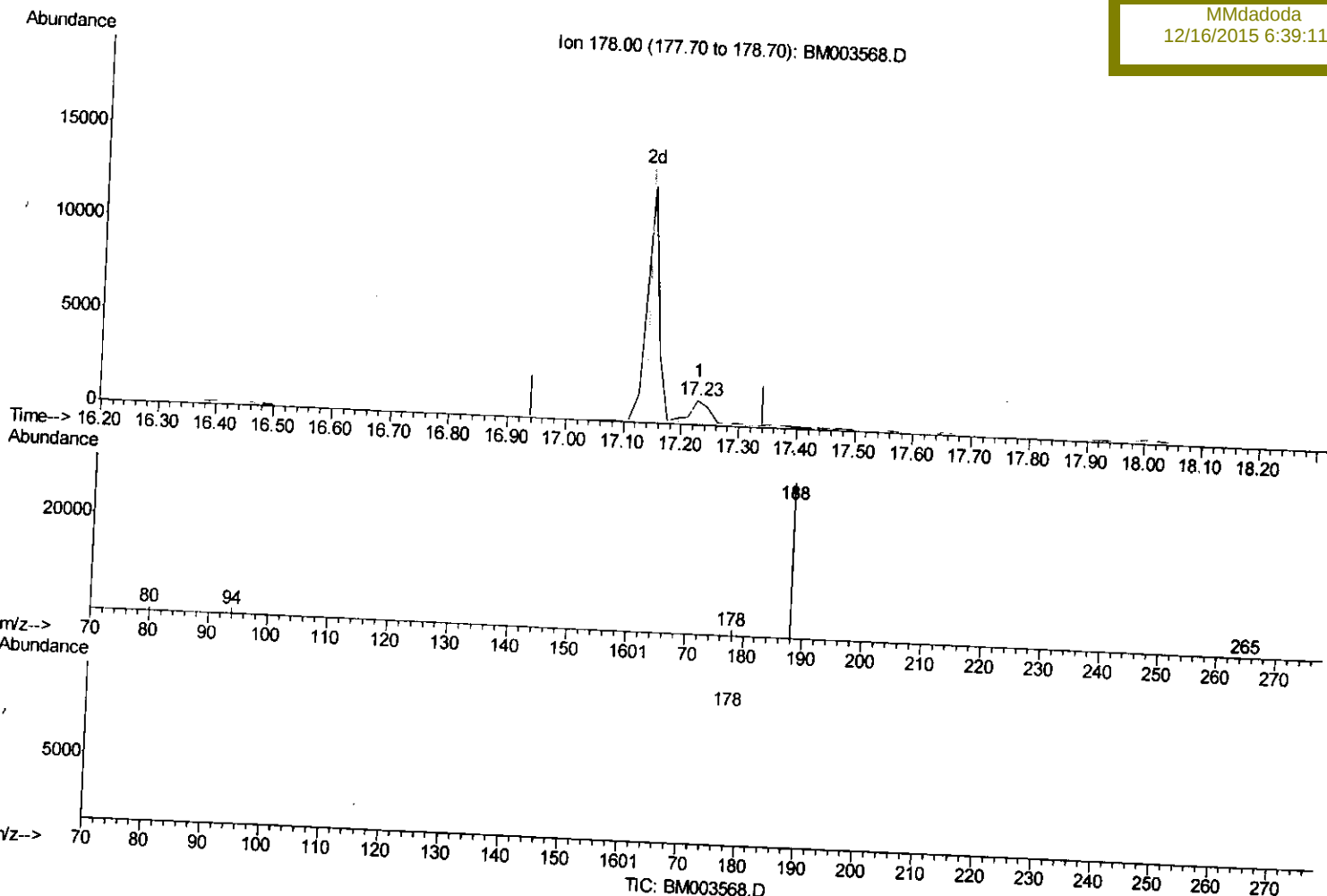
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
 Data File : BM003568.D
 Acq On : 16 Dec 2015 02:55
 Operator : UM/IZ
 Sample : G4734-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KX8

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 6:39:11 PM

Quant Time: Dec 16 18:19:54 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 16 05:49:57 2015
 Response via : Initial Calibration



(14) Phenanthrene

17.227min (+0.086) 0.06ng/ul

response 2691

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	25.02#
179.00	17.70	26.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

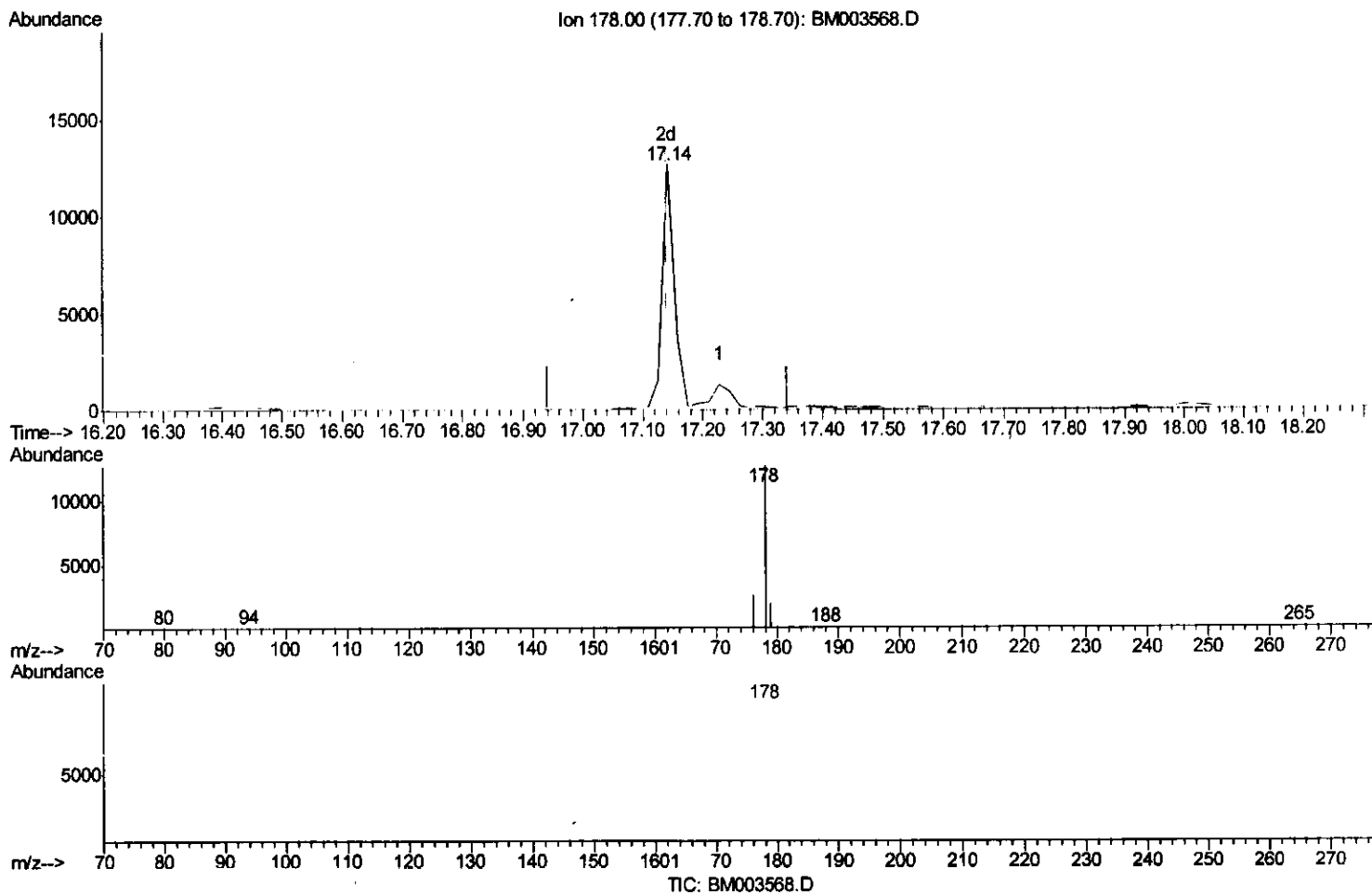
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
 Data File : BM003568.D
 Acq On : 16 Dec 2015 02:55
 Operator : UM/IZ
 Sample : G4734-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KX8

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 6:39:11 PM

Quant Time: Dec 16 18:19:54 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 16 05:49:57 2015
 Response via : Initial Calibration



(14) Phenanthrene

17.142min (0.000) 0.42ng/ul m

response 18633

Ion Exp% Act%

178.00 100 100

176.00 16.20 20.03#

179.00 17.70 15.26

0.00 0.00 0.00

Quantitation Report (Qedit)

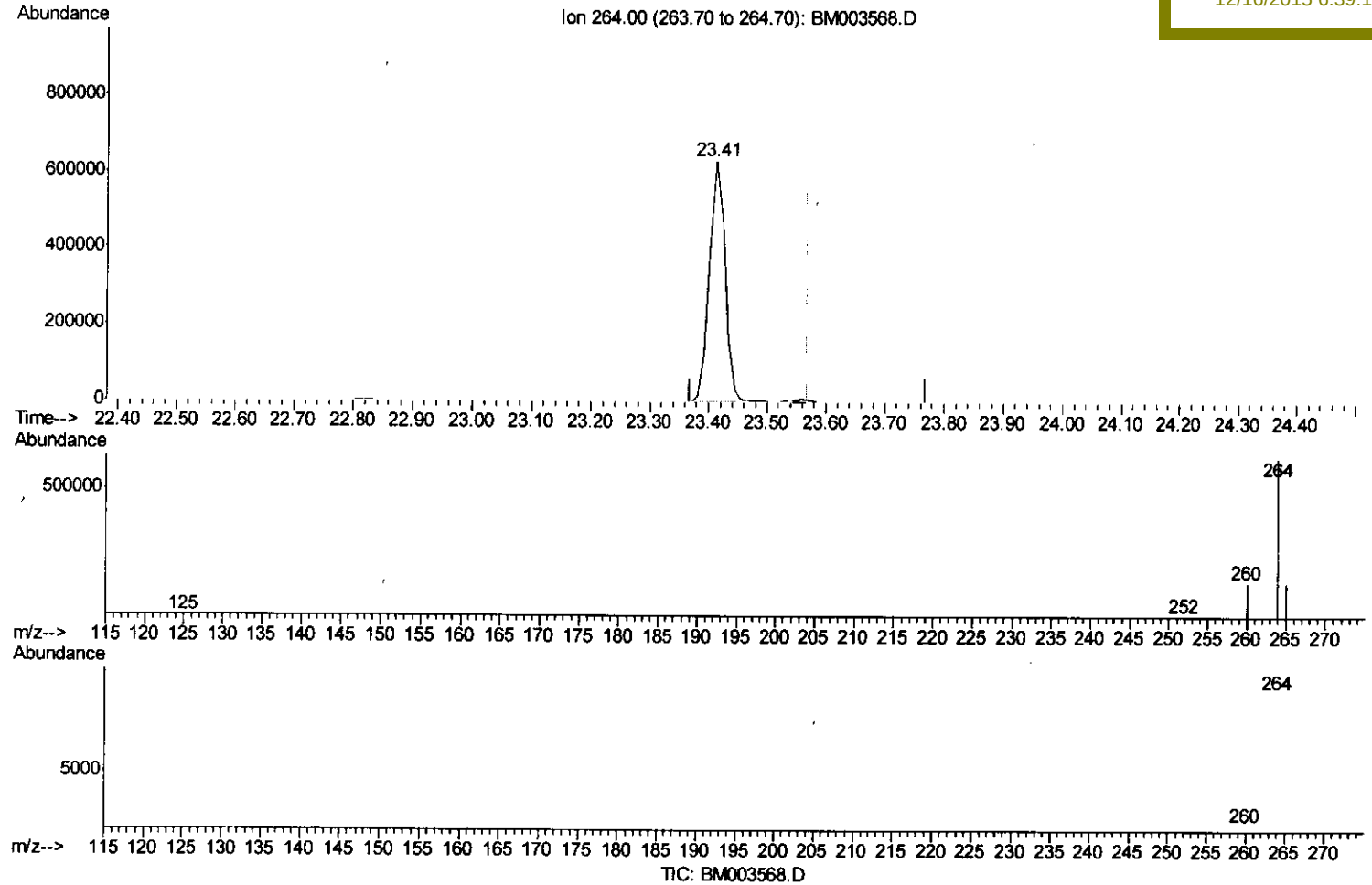
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
 Data File : BM003568.D
 Acq On : 16 Dec 2015 02:55
 Operator : UM/IZ
 Sample : G4734-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA M
 ClientSampleId :
 A4KX8

Quant Time: Dec 16 18:19:54 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 16 05:49:57 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 6:39:11 PM



(22) Perylene-d12 (I)

23.413min (-0.156) 0.40ng/ul

response 1133776

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.66
265.00	38.20	21.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

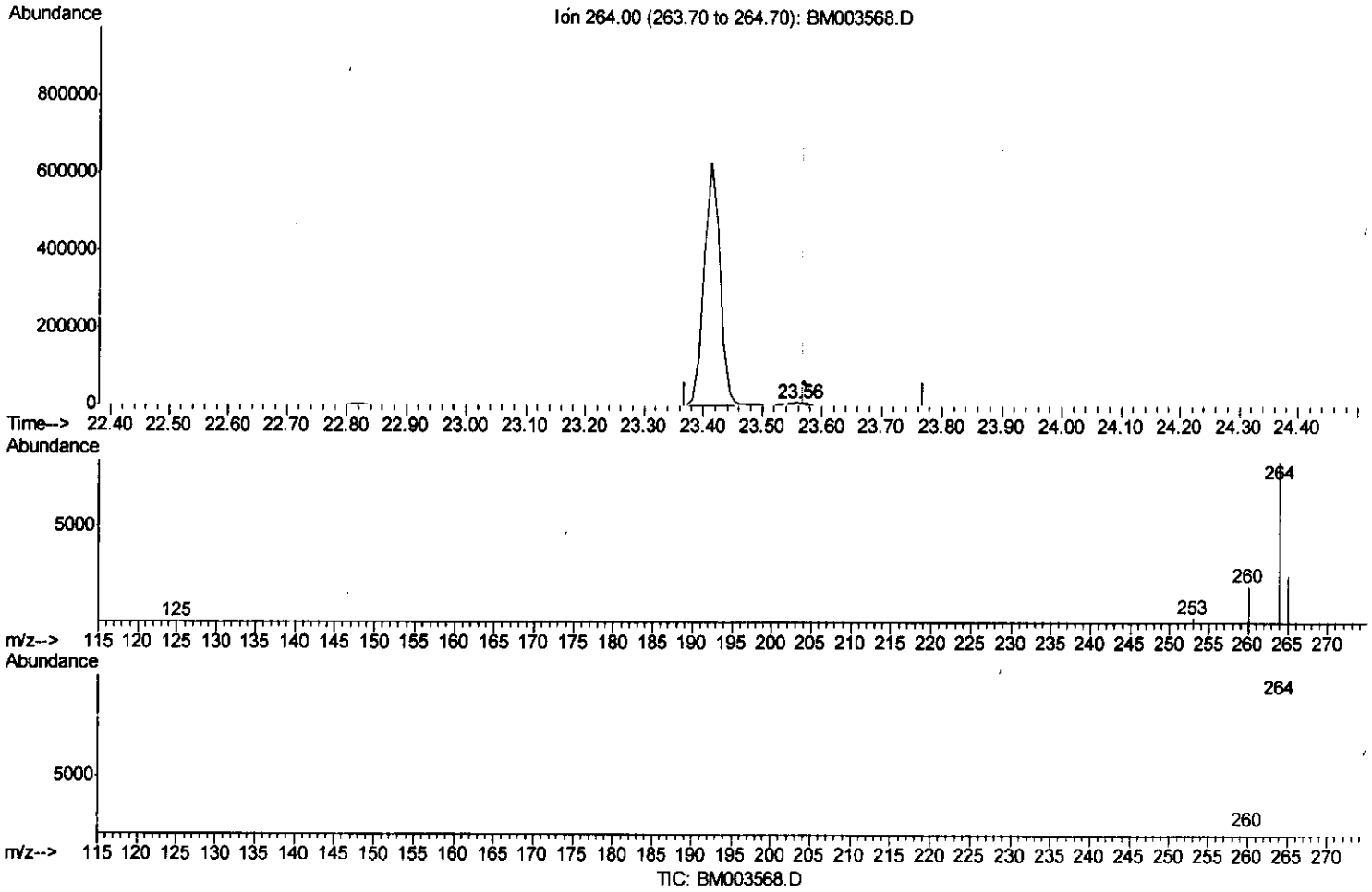
Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
 Data File : BM003568.D
 Acq On : 16 Dec 2015 02:55
 Operator : UM/IZ
 Sample : G4734-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KX8

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 6:39:11 PM

Quant Time: Dec 16 18:19:54 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 16 05:49:57 2015
 Response via : Initial Calibration



(22) Perylene-d12 (I)

23.559min (-0.010) 0.40ng/ul m

response 13479

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.31
265.00	38.20	31.99
0.00	0.00	0.00

U.M
 12/17/15

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121515\
 Data File : BM003568.D
 Acq On : 16 Dec 2015 02:55
 Operator : UM/IZ
 Sample : 04734-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KX8

Quant Time: Dec 16 18:22:06 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 16 05:49:57 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 6:39:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4292	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	16445	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	8657	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	17203m>	0.40	ng/ul	0.00
18) Chrysene-d12	21.31	240	17103	0.40	ng/ul	-0.01
22) Perylene-d12	23.56	264	13479m>	0.40	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	12.10	152	7082	0.36	ng/ul	0.00
16) Fluoranthene-d10	19.15	212	13899	0.38	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
5) Naphthalene	10.50	128	5706456	154.03	ng/ul#	96
7) 2-Methylnaphthalene	12.16	142	9279	0.37	ng/ul	99
10) Acenaphthene	14.42	153	3958	0.15	ng/ul	87
11) Fluorene	15.41	166	6202m>	0.21	ng/ul	
13) Pentachlorophenol	16.76	266	203	0.08	ng/ul#	91
14) Phenanthrene	17.14	178	18633m>	0.42	ng/ul	
17) Fluoranthene	19.17	202	3138	0.07	ng/ul	90
21) Chrysene	21.34	228	1884	0.04	ng/ul#	84

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