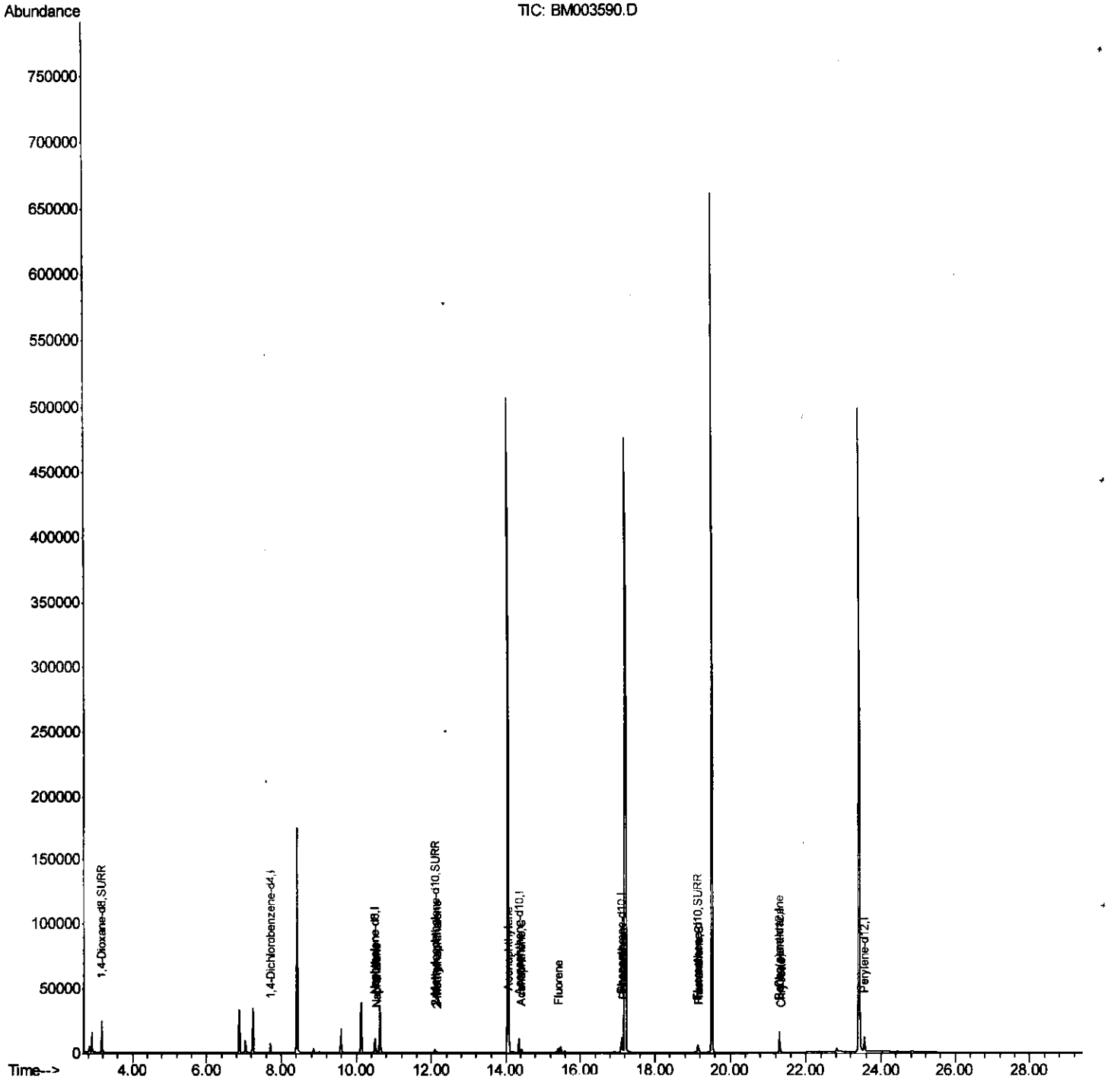
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
Data File : BM003590.D
Acq On : 16 Dec 2015 22:43
Operator : UM/IZ
Sample : G4767-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 17 08:01:12 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 : Thu Dec 17 02:56:38 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9N36

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:36:14 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
Data File : BM003590.D
Acq On : 16 Dec 2015 22:43
Operator : UM/IZ
Sample : G4767-14
Misc :
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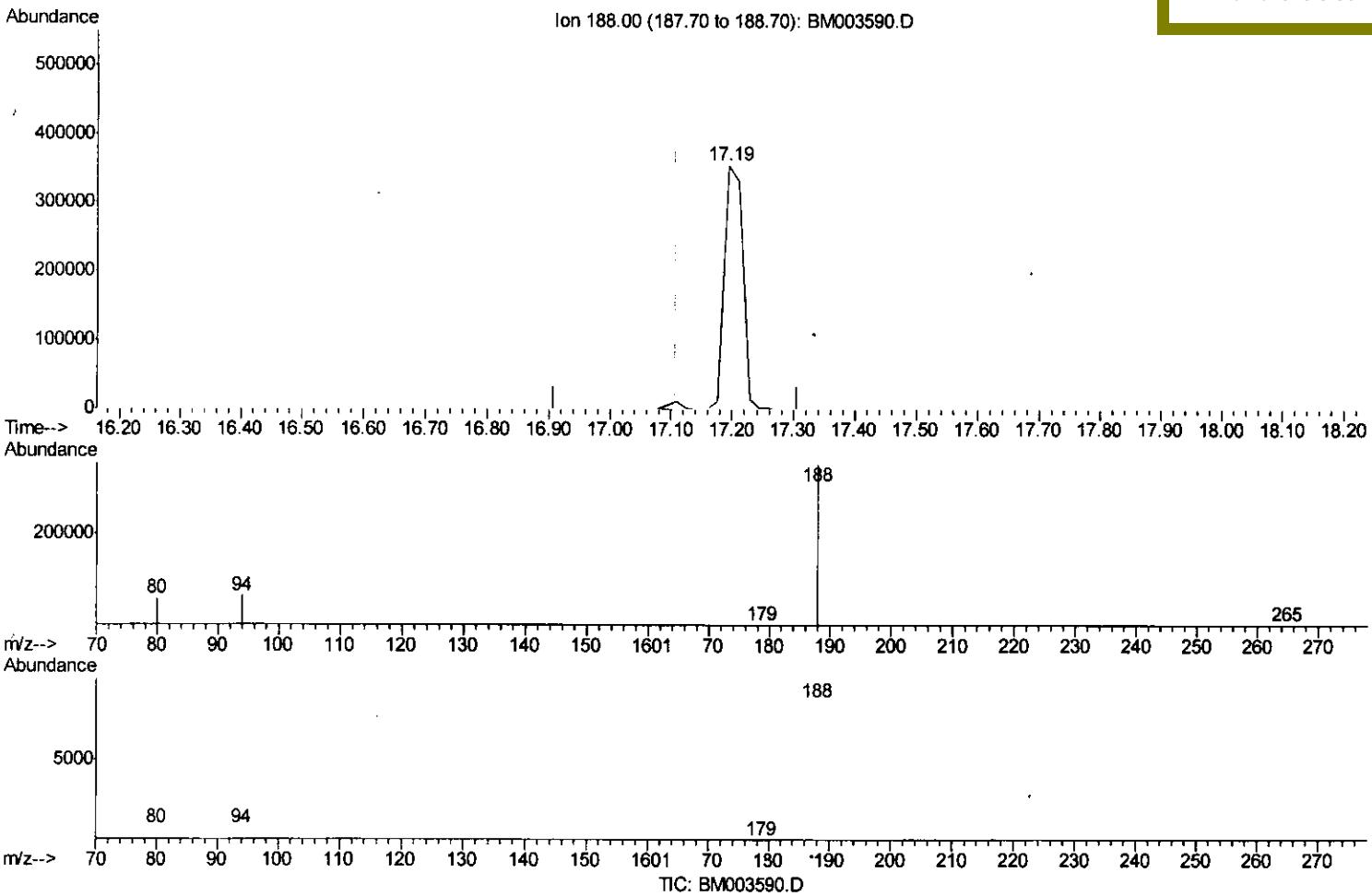
Quant Time: Dec 17 03:02:52 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 02:56:38 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9N36

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:36:14 PM



TIC: BM003590.D

(12) Phenanthrene-d10 (I)

17.193min (+0.086) 0.40ng/ul

response 735847

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	17.61#
80.00	11.90	15.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument : BNA_M
ClientSampleId : D9N36

Manual Integrations APPROVED
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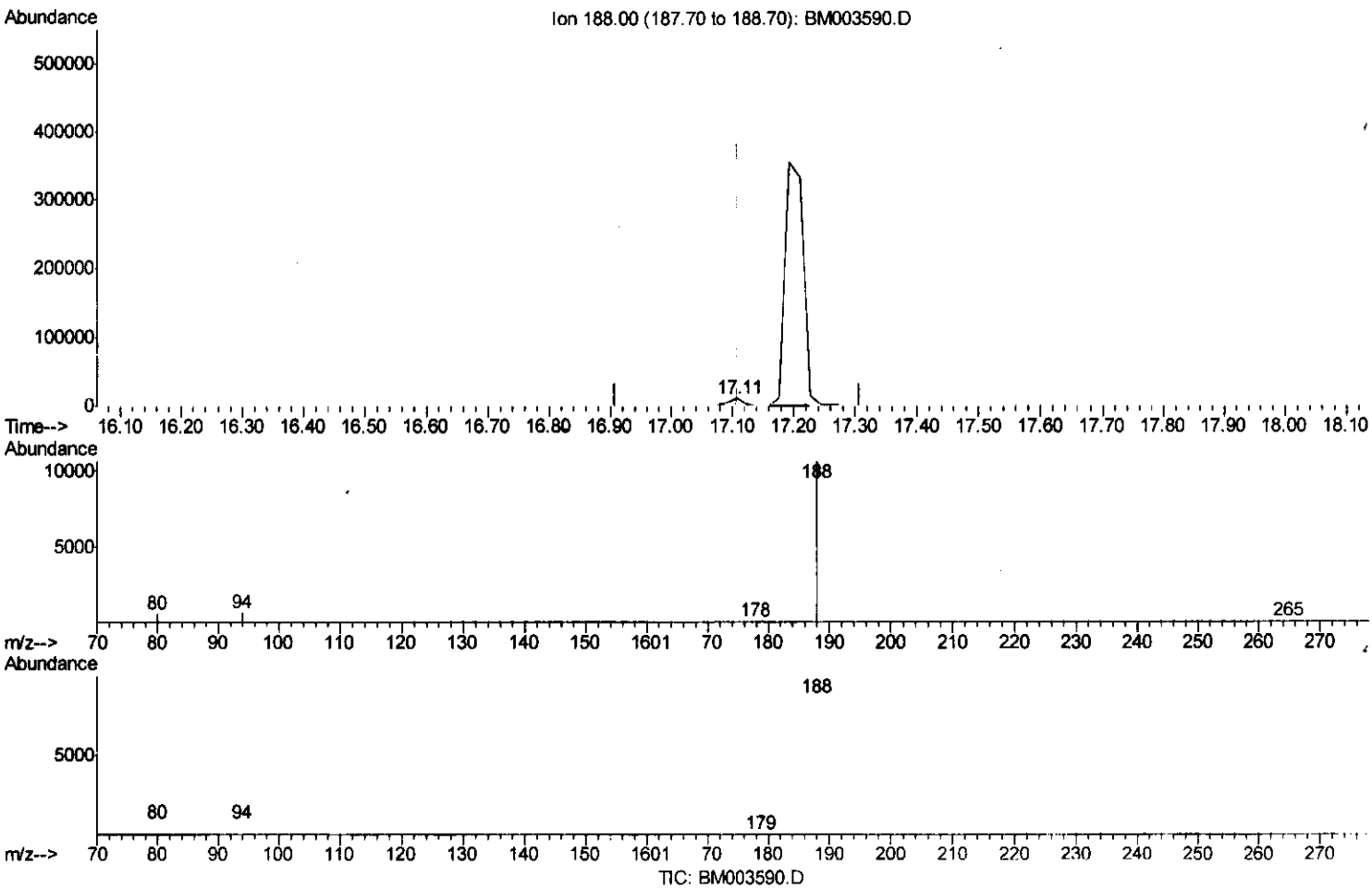

(12) Phenanthrene-d10 (I)

17.108min (+0.000) 0.40ng/ul m U.M 12/18/15

response 16511

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	6.54#
80.00	11.90	5.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM003590.D
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Operator : UM/IZ
Sample : G4767-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 17 03:02:52 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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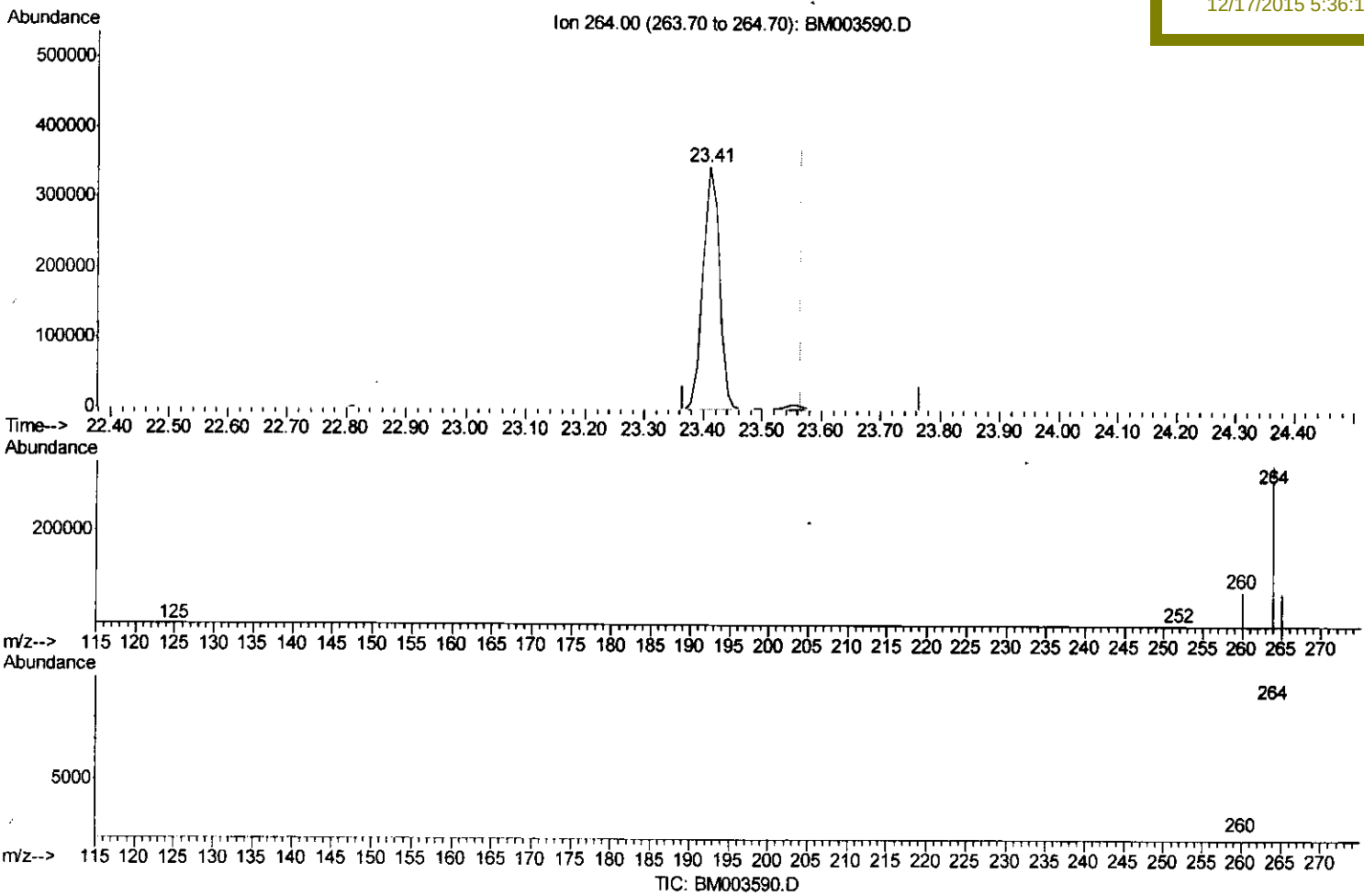
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9N36

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:36:14 PM



TIC: BM003590.D

(22) Perylene-d12 (I)

23.410min (-0.156) 0.40ng/ul

response 655643

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.57
265.00	38.20	21.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument :
BNA_M
ClientSampleId :
D9N36

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:36:14 PM

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
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Operator : UM/IZ
Sample : G4767-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

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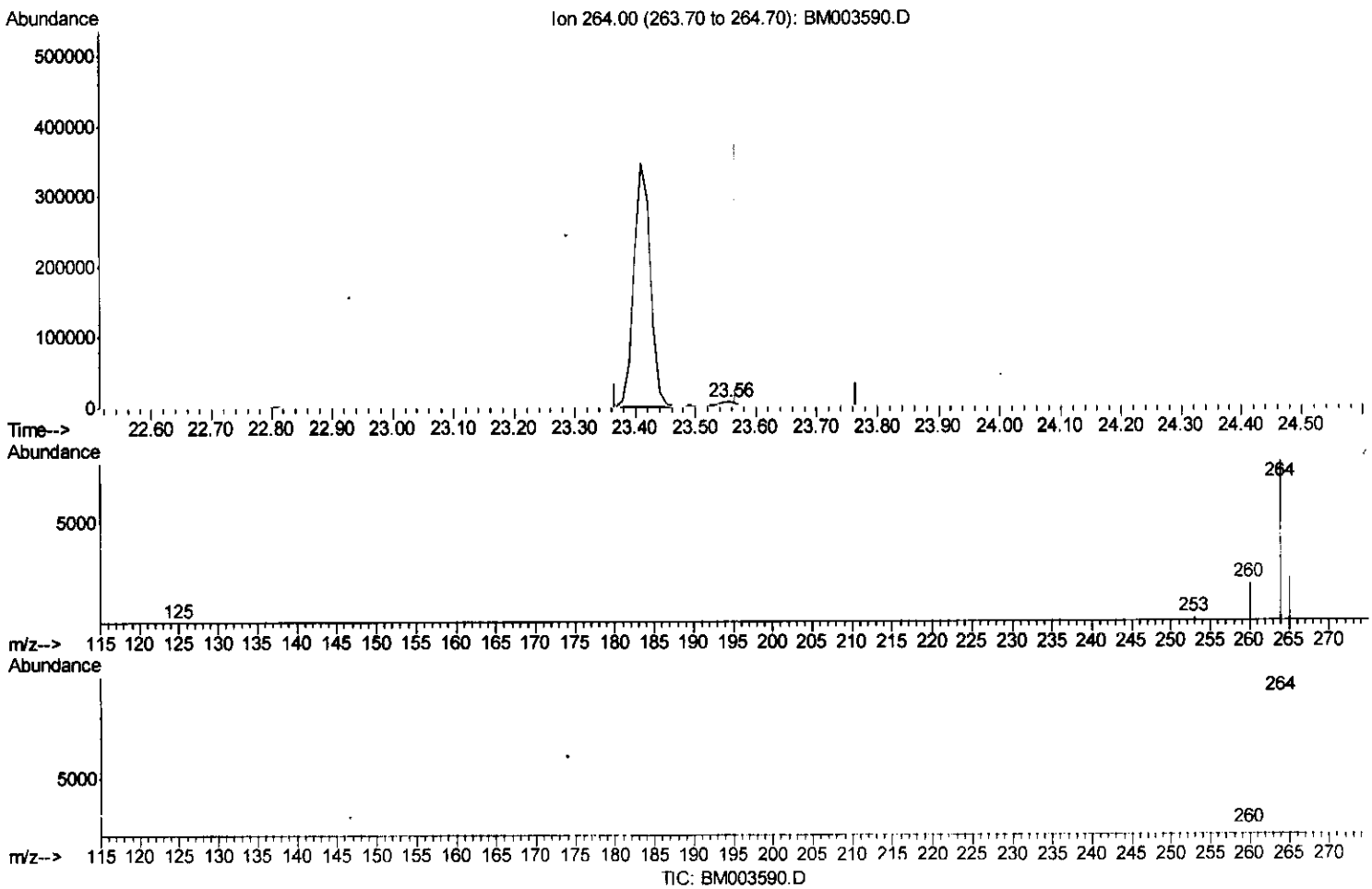

(22) Perylene-d12 (I)

23.556min (-0.010) 0.40ng/ul m U, M 12/18/15

response 16466

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.64
265.00	38.20	29.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM003590.D
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Sample : G4767-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 17 08:00:19 2015
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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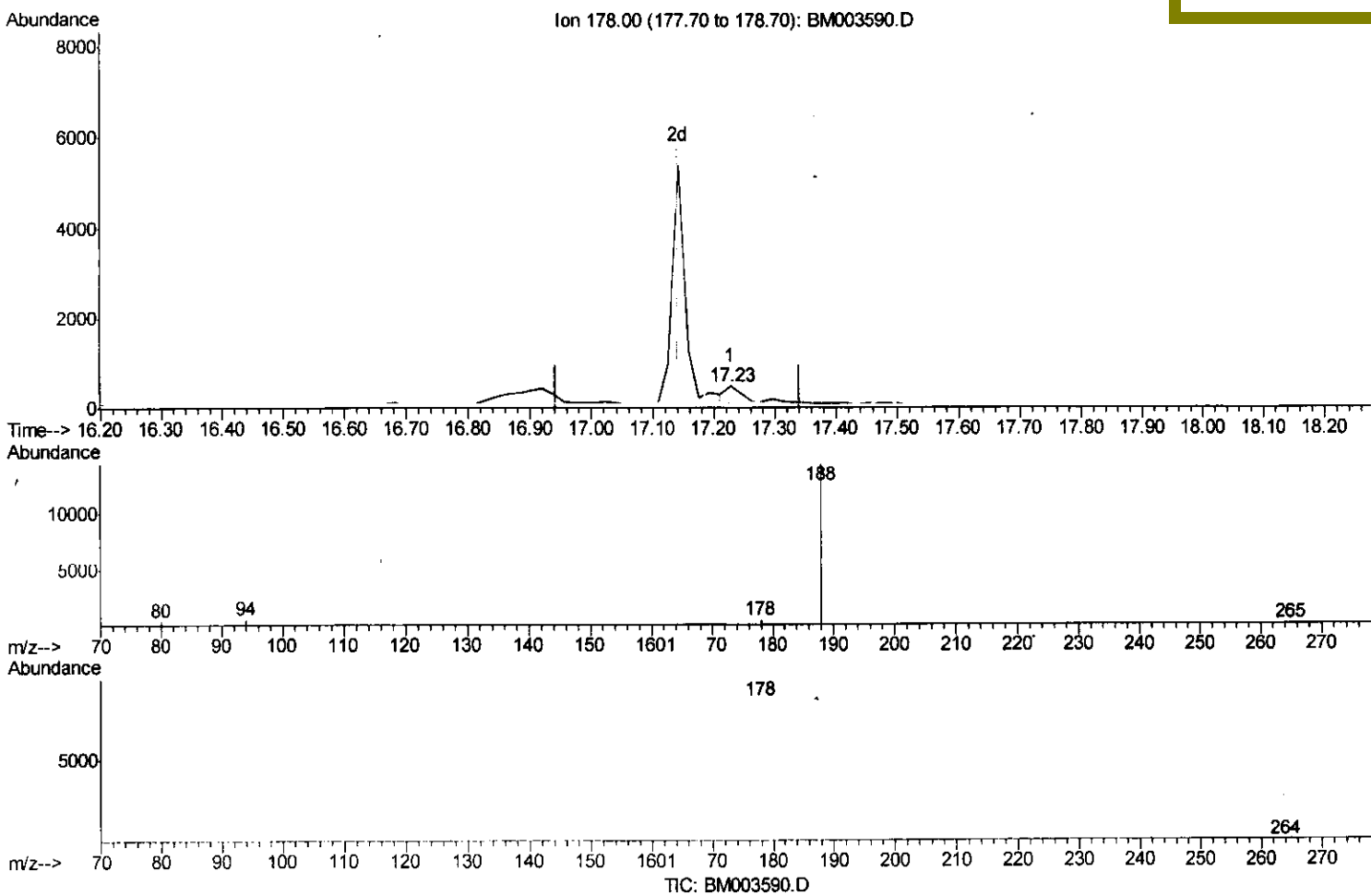
Instrument :
BNA_M
ClientSampleId :
D9N36

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:36:14 PM



(14) Phenanthrene

17.228min (+0.086) 0.01ng/ul

response 543

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	31.46#
179.00	17.70	40.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

Instrument : BNA_M
ClientSampleId : D9N36

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:36:14 PM

Data Path : Z:\HPCHEM1\BNA_M\Data\BM121615\
Data File : BM003590.D
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Operator : UM/IZ
Sample : G4767-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

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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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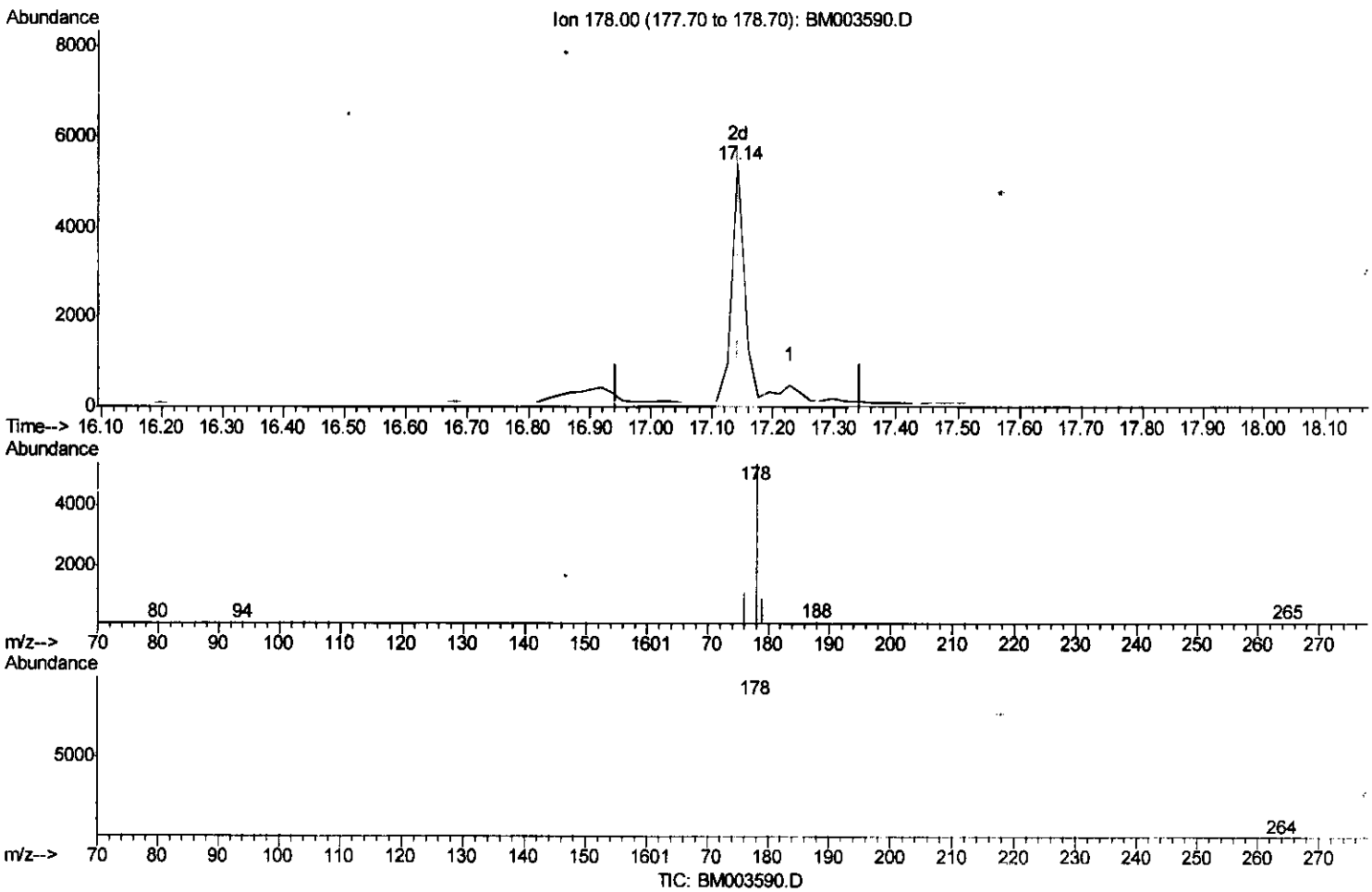
Response via : Initial Calibration



(14) Phenanthrene

17.142min (+0.000) 0.19ng/ul m U.M 12/18/15

response 8066

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	20.25#
179.00	17.70	16.34
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ClientSampleId : D9N36

Manual Integrations APPROVED
MMdadoda
12/17/2015 5:36:14 PM

Internal Standards	R.T.	Qlon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4063	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	16202	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	8452	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	16511m	0.40	ng/ul	0.00
18) Chrysene-d12	21.30	240	15318	0.40	ng/ul	-0.01
22) Perylene-d12	23.56	264	16466m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	17330	9.98	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	4723	0.24	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	7836	0.22	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.55	128	1857	0.05	ng/ul#	87
7) 2-Methylnaphthalene	12.16	142	669	0.03	ng/ul	99
9) Acenaphthylene	14.07	152	2402	0.07	ng/ul#	91
10) Acenaphthene	14.42	153	1487	0.06	ng/ul#	87
11) Fluorene	15.41	166	2254	0.08	ng/ul#	83
14) Phenanthrene	17.14	178	8066m	0.19	ng/ul	
17) Fluoranthene	19.17	202	3586	0.08	ng/ul	91
20) Benzo(a)anthracene	21.29	228	1303	0.03	ng/ul#	65
21) Chrysene	21.34	228	880	0.02	ng/ul#	75

U.M 12/18/15

U.M 12/18/15

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