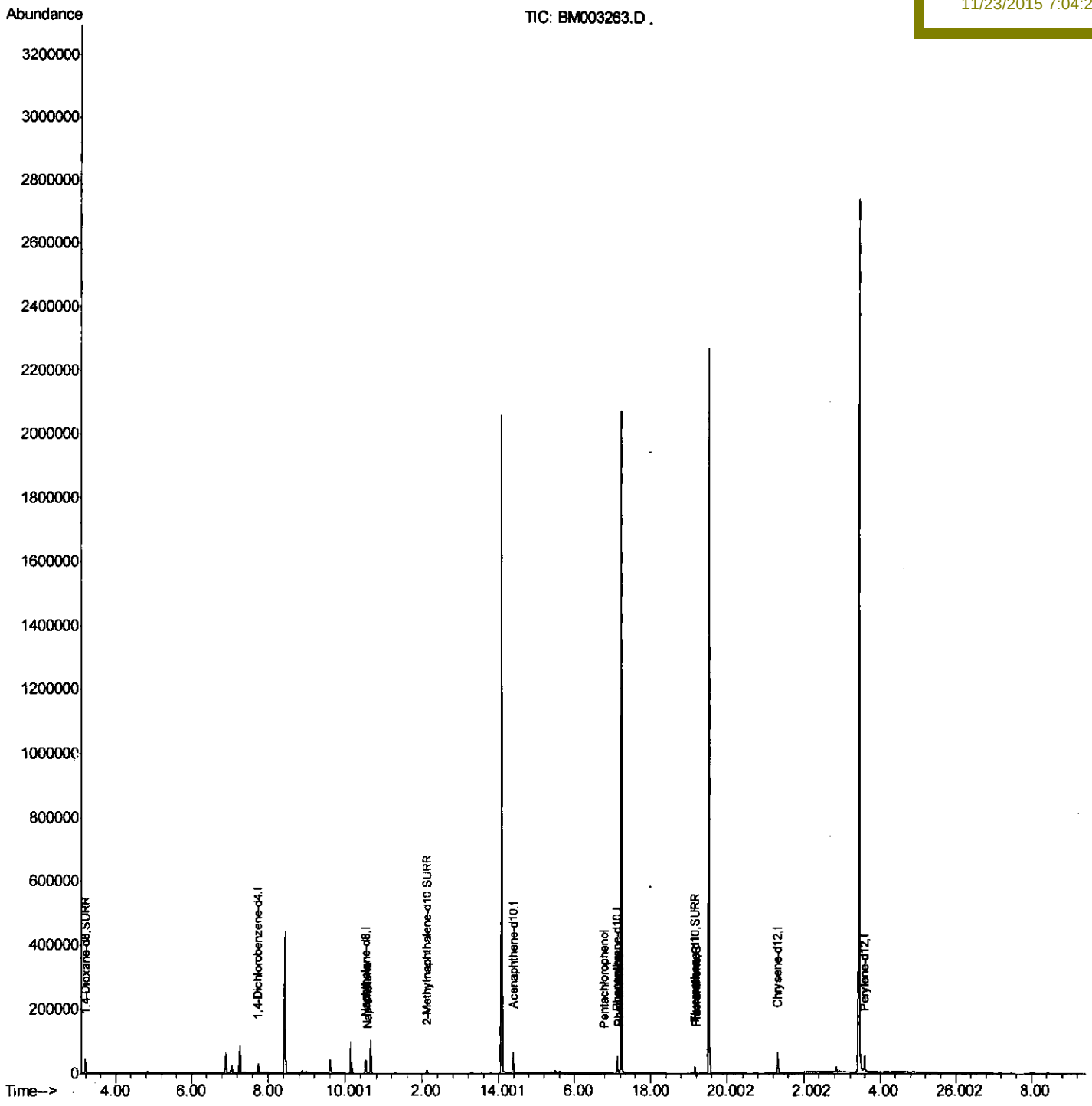
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003263.D
Acq On : 22 Nov 2015 00:04
Operator : UM/IZ
Sample : G4345-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 22 05:14:11 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4J49

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:28 PM



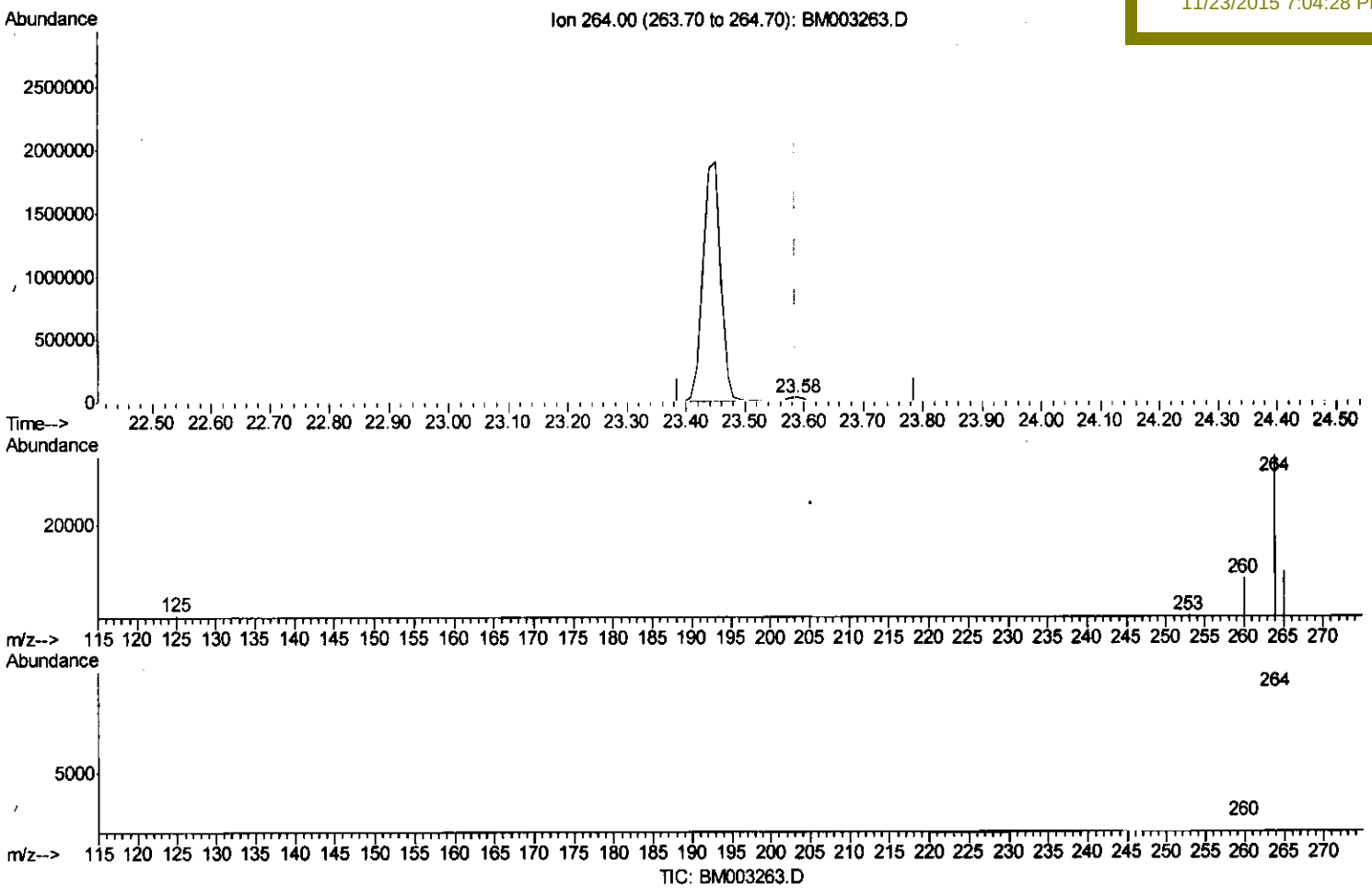
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003263.D
Acq On : 22 Nov 2015 00:04
Operator : UM/IZ
Sample : G4345-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 22 05:12:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4J49

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:28 PM



TIC: BM003263.D

(22) Perylene-d12 (I)

23.585min (-0.000) 0.40ng/ul m

response 55172

U.M 11/25/15

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.48
265.00	38.20	29.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 22 Nov 2015 00:04
Operator : UM/IZ
Sample : G4345-07
Misc :
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Quant Time: Nov 22 05:12:28 2015
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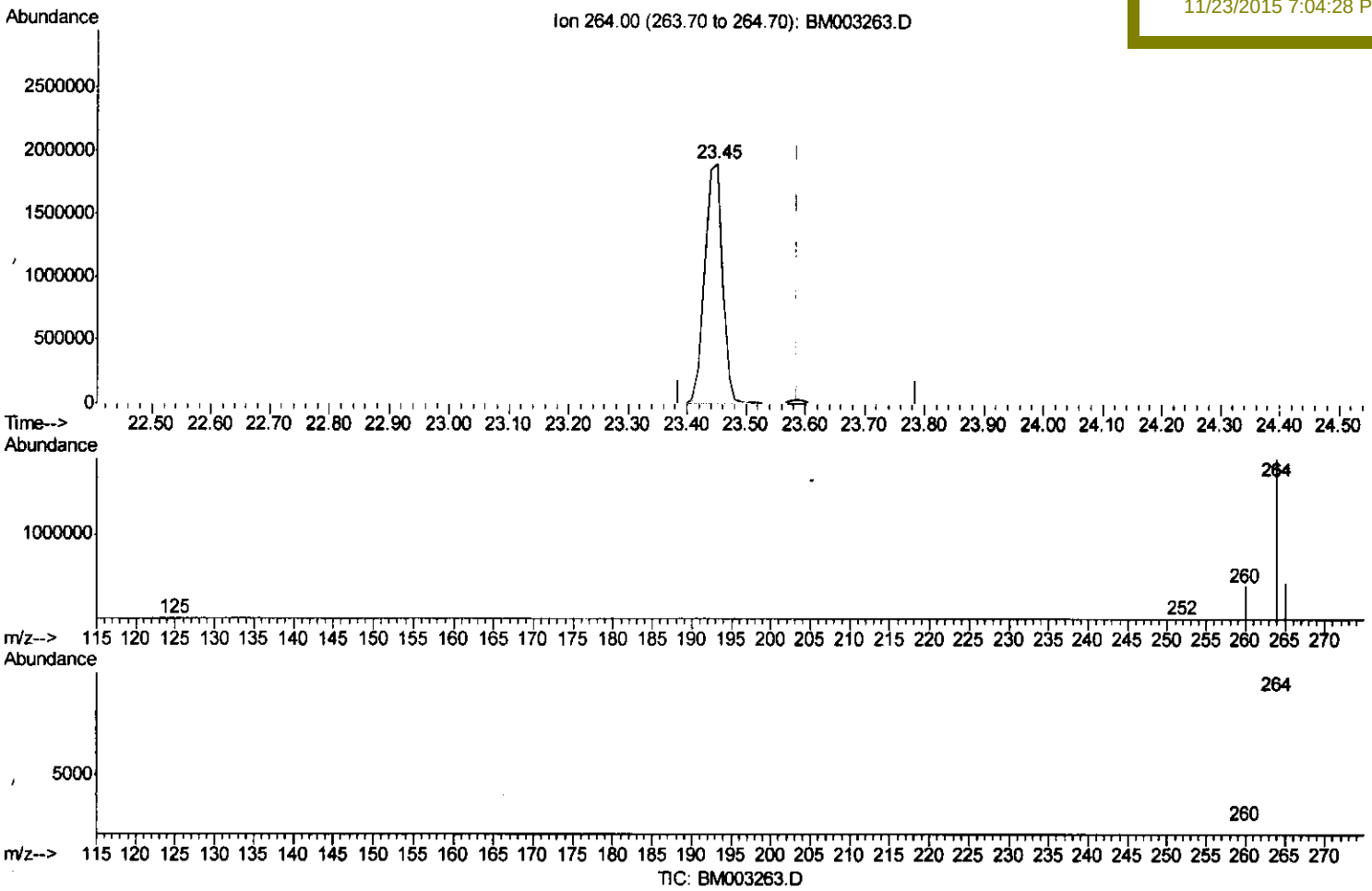
BNA_M
ClientSampleId :
A4J49

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:28 PM



TIC: BM003263.D

(22) Perylene-d12 (I)

23.449min (-0.136) 0.40ng/ul

response 3883867

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	20.62
265.00	38.20	22.76#
0.00	0.00	0.00

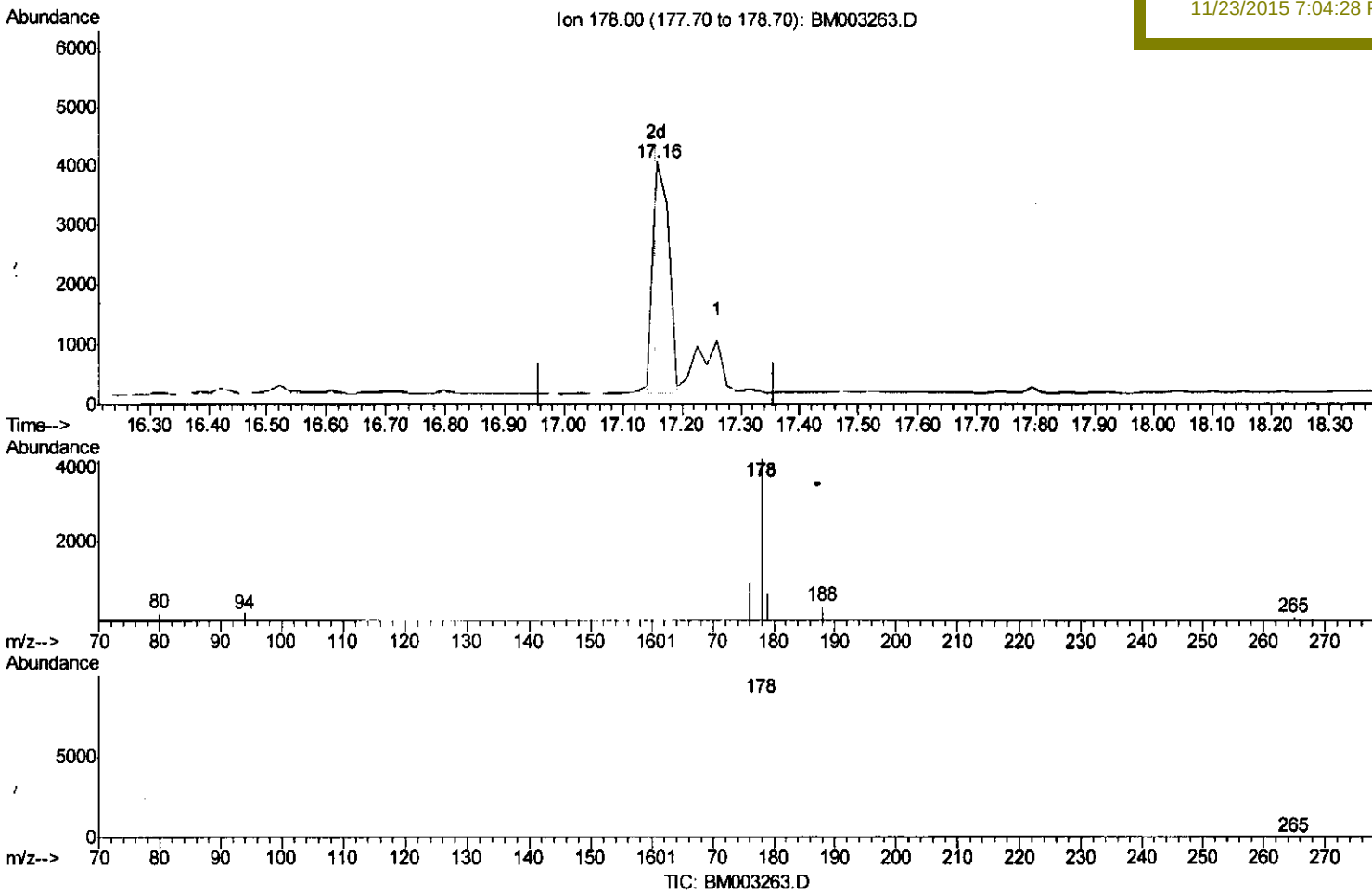
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003263.D
Acq On : 22 Nov 2015 00:04
Operator : UM/IZ
Sample : G4345-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 22 05:12:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4J49

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:28 PM



TIC: BM003263.D

(14) Phenanthrene

17.157min (-0.000) 0.04ng/ul m

response 7361

U.M 11/25/15

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	24.63#
179.00	17.70	18.10
0.00	0.00	0.00

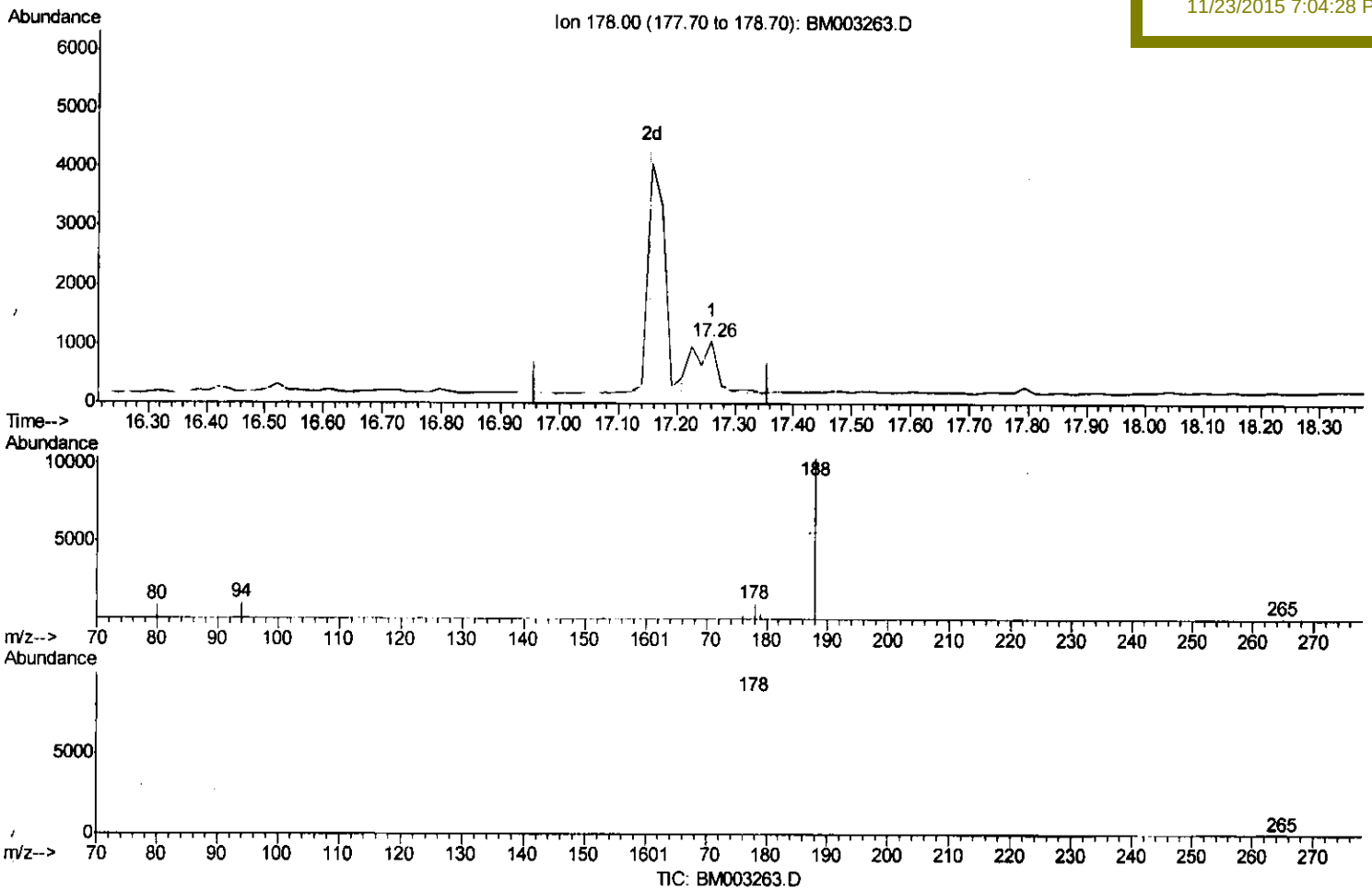
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003263.D
Acq On : 22 Nov 2015 00:04
Operator : UM/IZ
Sample : G4345-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 22 05:12:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4J49

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:28 PM



(14) Phenanthrene

17.260min (+0.103) 0.01ng/ul

response 2497

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	29.92#
179.00	17.70	36.96#
0.00	0.00	0.00

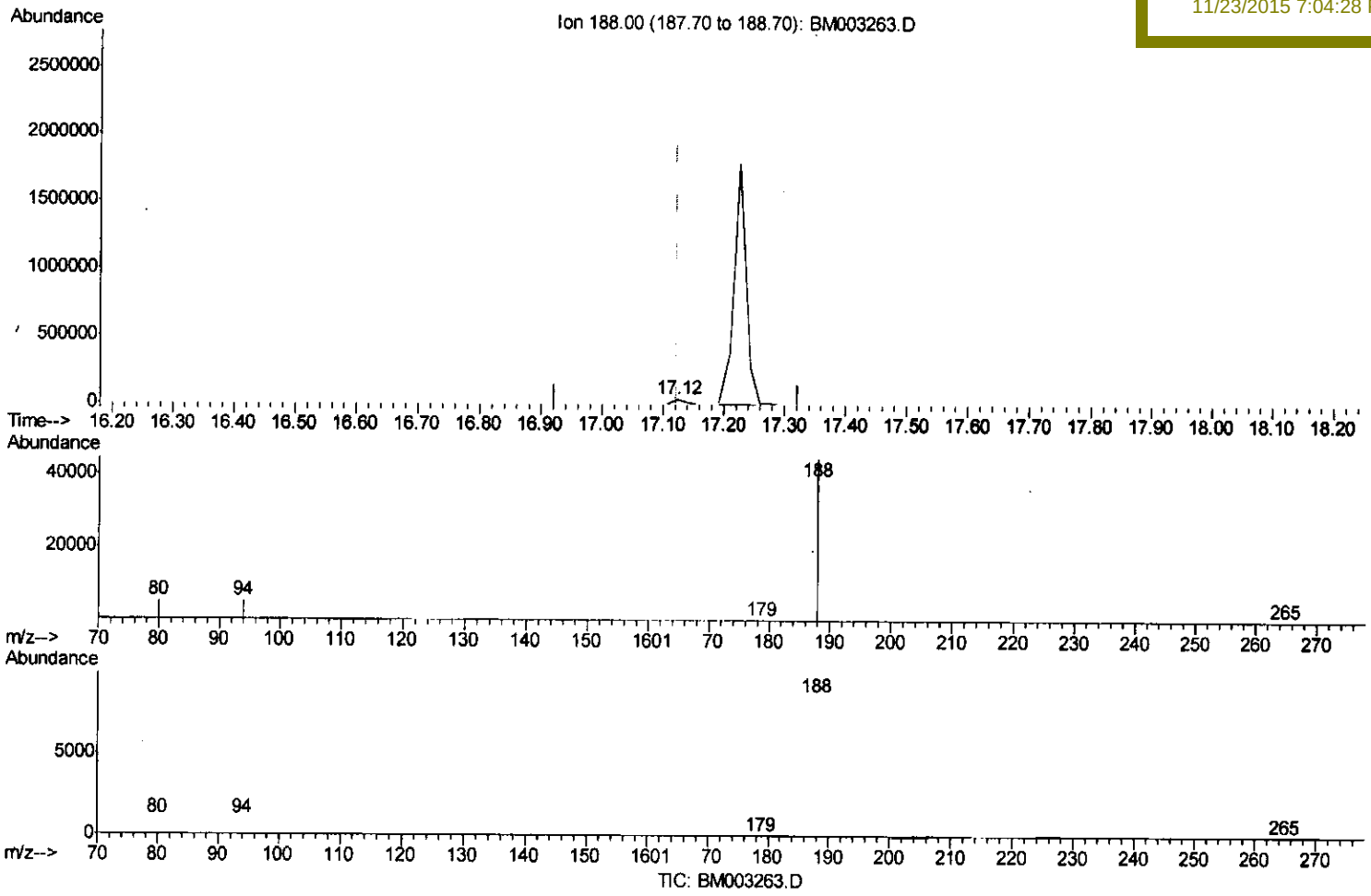
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003263.D
Acq On : 22 Nov 2015 00:04
Operator : UM/IZ
Sample : G4345-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 22 04:47:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4J49

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:28 PM



(12) Phenanthrene-d10 (I)

17.123min (-0.000) 0.40ng/ul m

response 67635

U.M
11/25/15

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.41
80.00	11.90	11.20
0.00	0.00	0.00

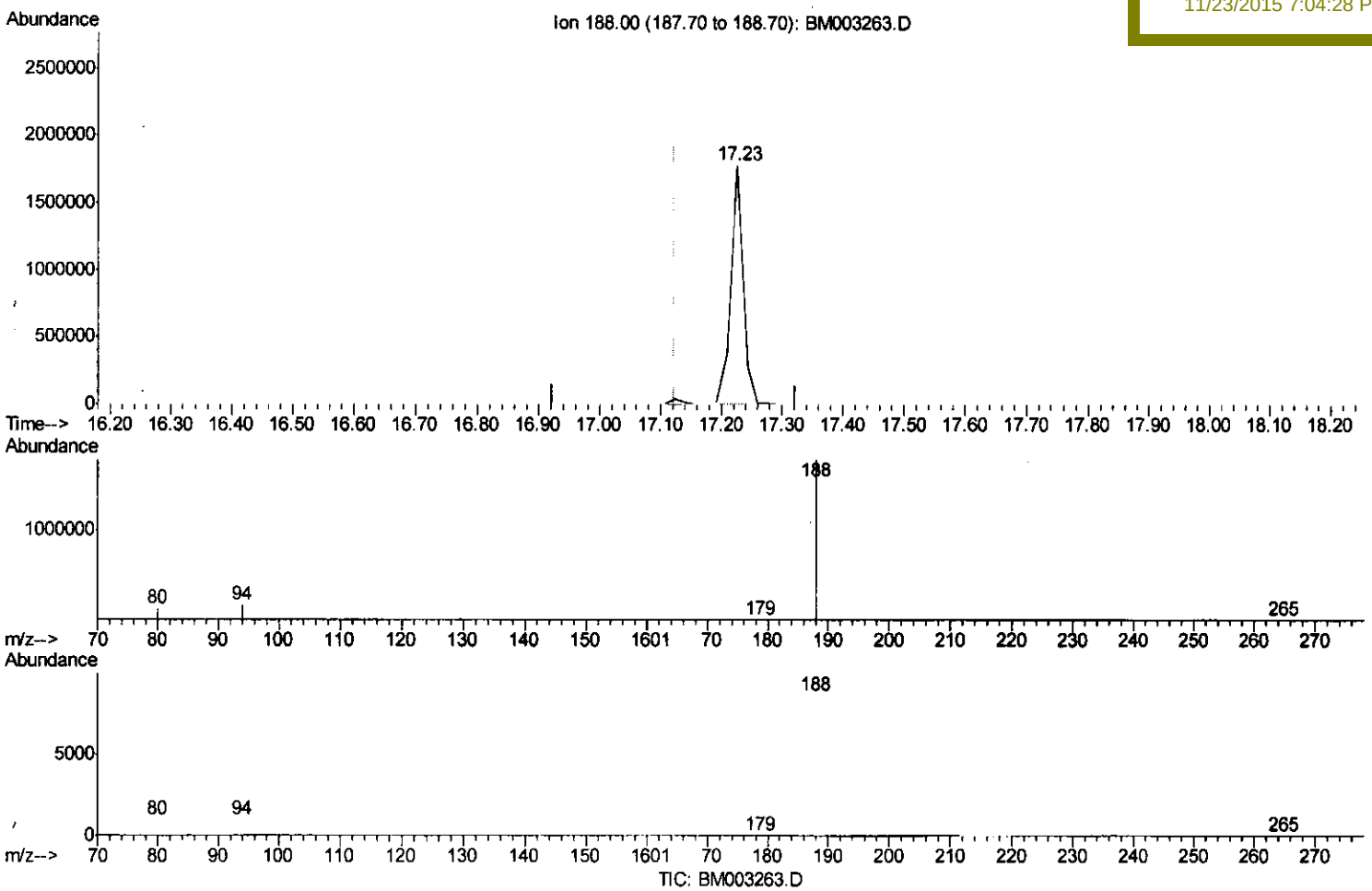
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003263.D
Acq On : 22 Nov 2015 00:04
Operator : UM/IZ
Sample : G4345-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 22 04:47:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4J49

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:28 PM



TIC: BM003263.D

(12) Phenanthrene-d10 (I)

17.226min (+0.103) 0.40ng/ul

response 2511447

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	9.20#
80.00	11.90	6.98#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003263.D
Acq On : 22 Nov 2015 00:04
Operator : UM/IZ
Sample : G4345-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J49

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:28 PM

Quant Time: Nov 22 05:14:11 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 04:42:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	15742	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	63035	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	34843	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	67635m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	62888	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	55172m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	31985	1.90	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	15250	0.18	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	26789	0.16	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.57	128	2074	0.01	ng/ul#	78
13) Pentachlorophenol	16.78	266	743	0.05	ng/ul	96
14) Phenanthrene	17.16	178	7361m	0.04	ng/ul	
17) Fluoranthene	19.19	202	5913	0.03	ng/ul	89

U.M
11/25/15

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