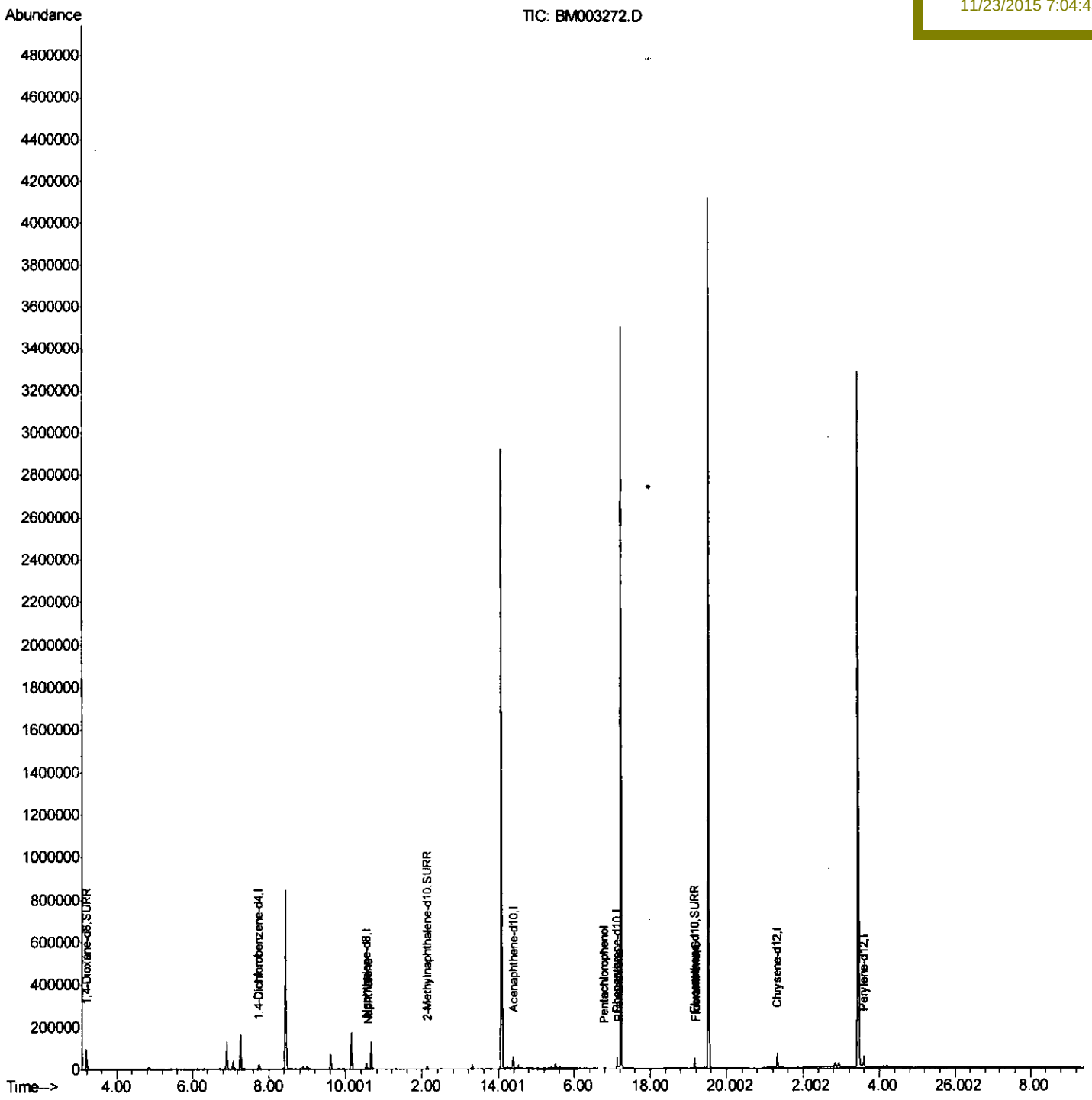
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003272.D
Acq On : 22 Nov 2015 05:27
Operator : UM/IZ
Sample : G4345-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 22 06:09:20 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 :
A4J61

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:43 PM



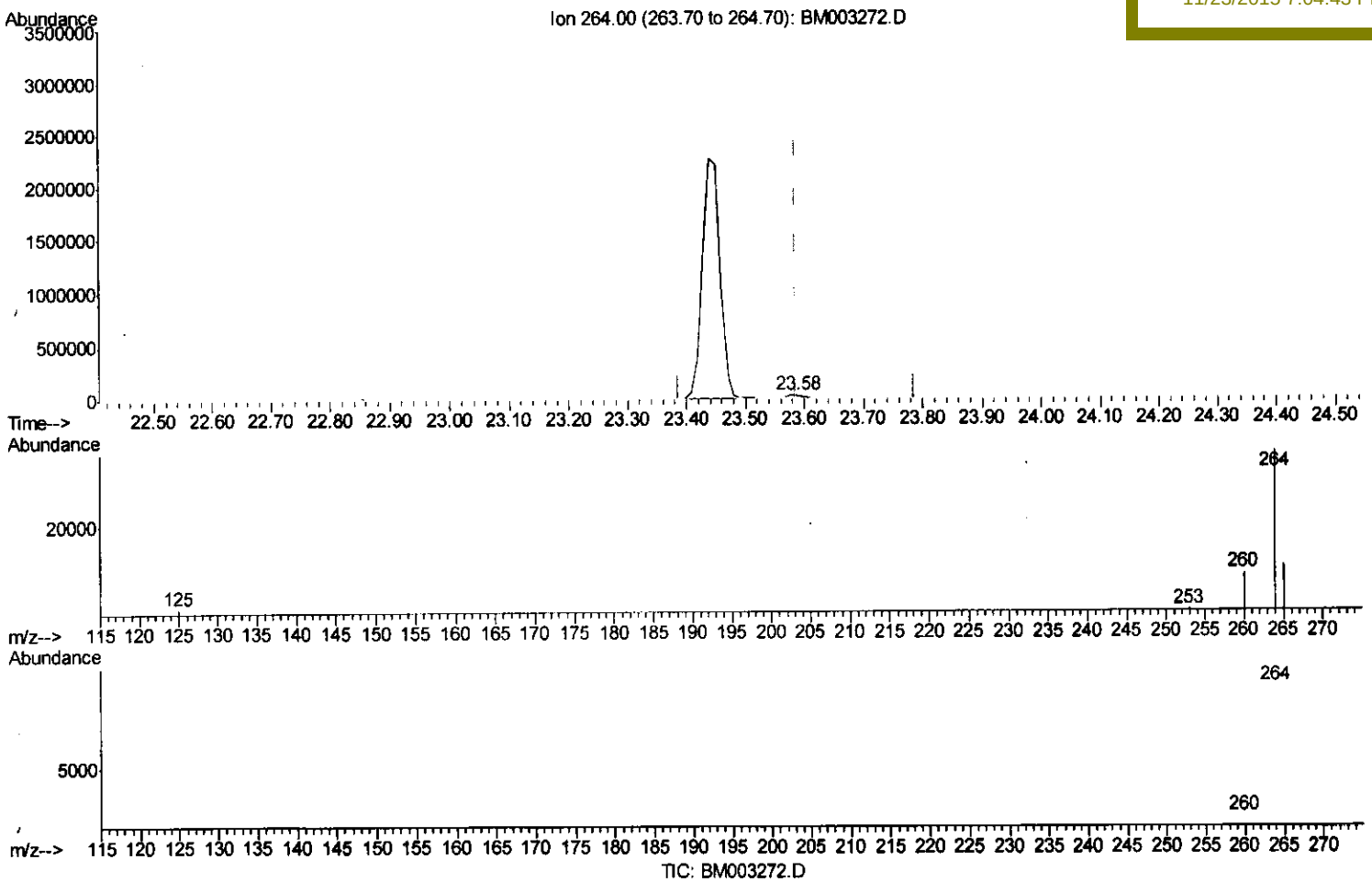
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003272.D
Acq On : 22 Nov 2015 05:27
Operator : UM/IZ
Sample : G4345-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 22 06:07:48 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 :
A4J61

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:43 PM



TIC: BM003272.D

(22) Perylene-d12 (I)

23.585min (0.000) 0.40ng/ul m

response 57959

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.23
265.00	38.20	30.40#
0.00	0.00	0.00

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11/25/15

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
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Operator : UM/IZ
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Misc :
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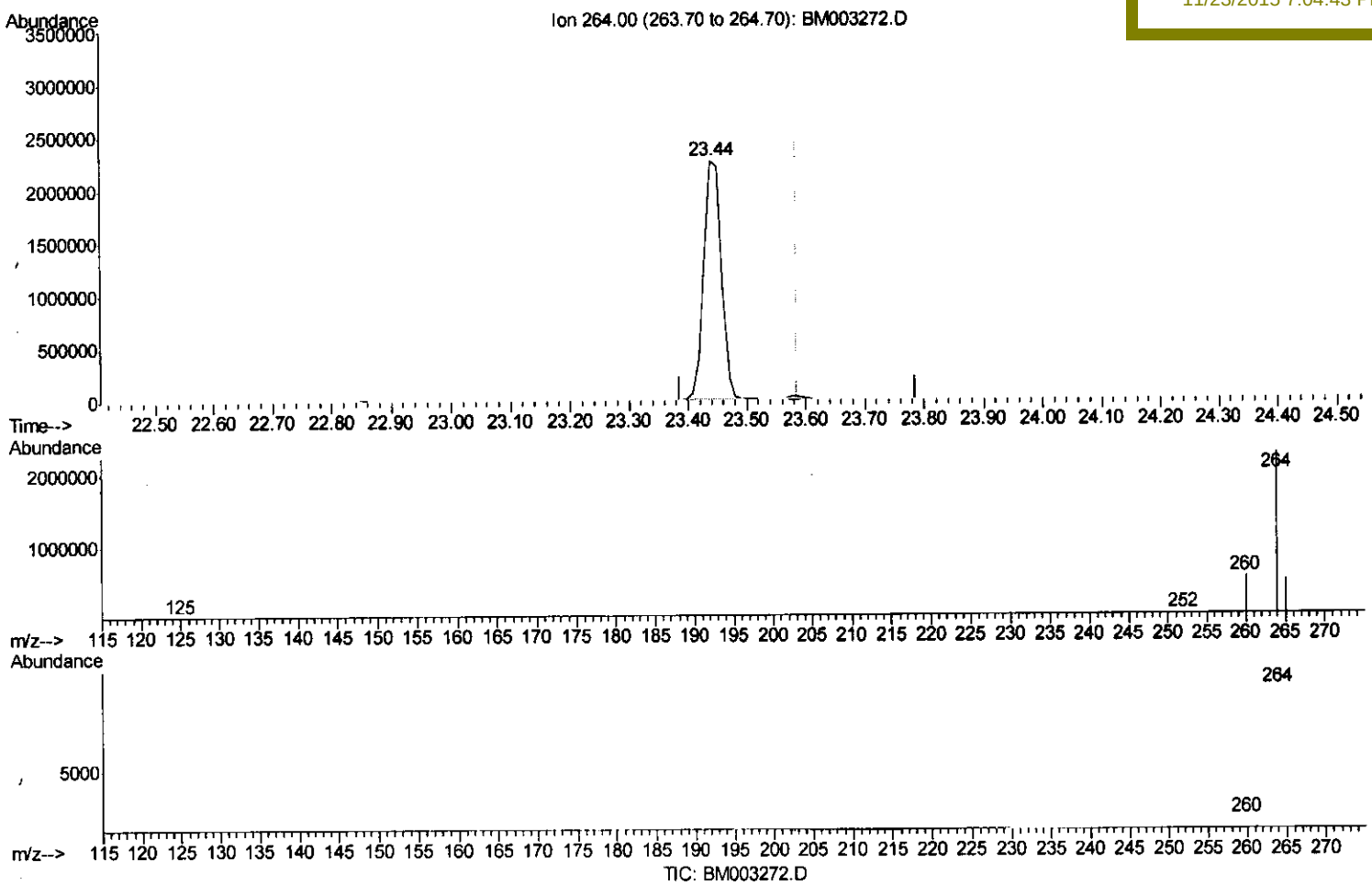
BNA_M
ClientSampleId :
A4J61

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:43 PM



TIC: BM003272.D

(22) Perylene-d12 (I)

23.439min (-0.146) 0.40ng/ul

response 4638031

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	23.30
265.00	38.20	21.20#
0.00	0.00	0.00

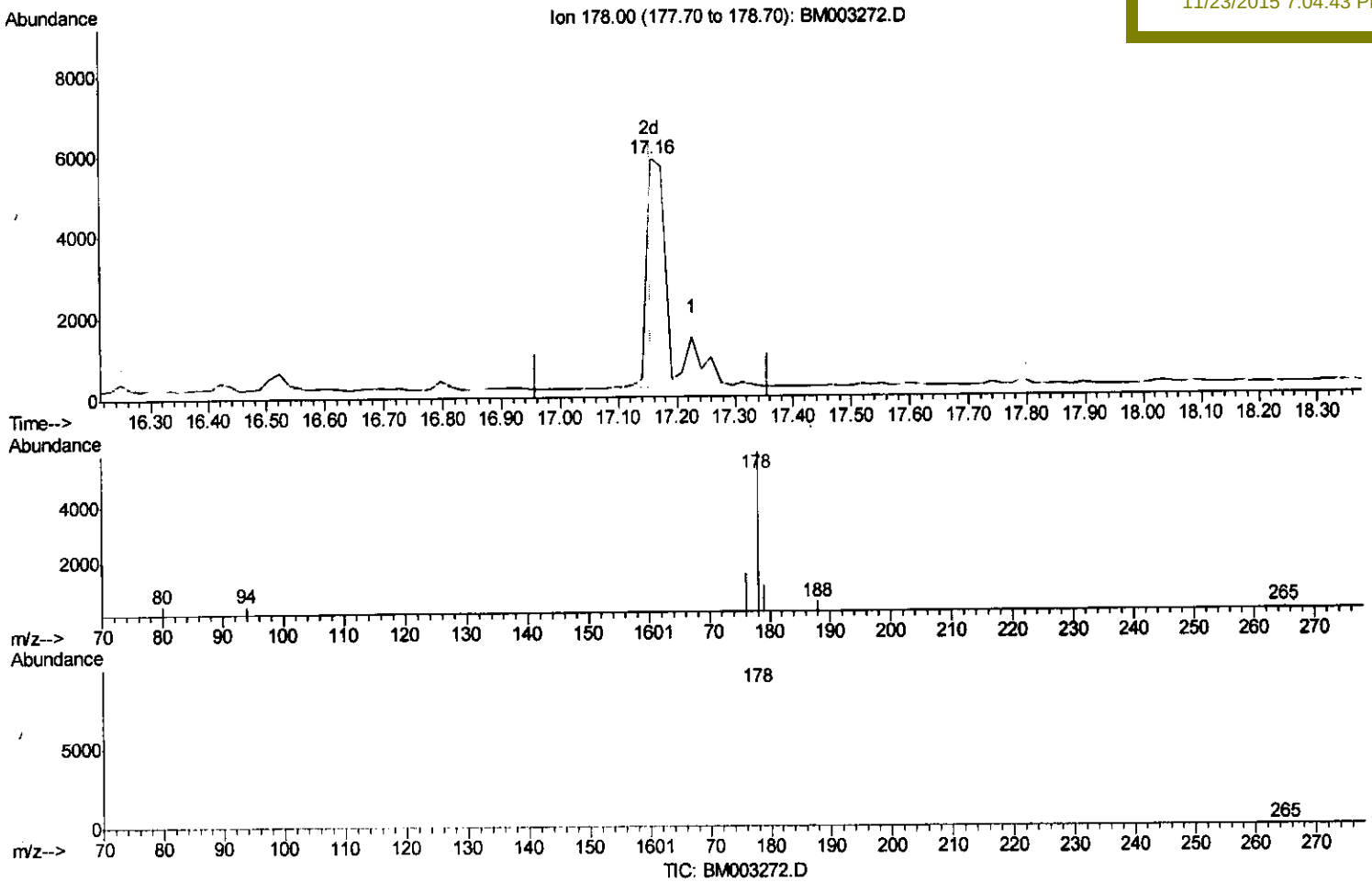
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003272.D
Acq On : 22 Nov 2015 05:27
Operator : UM/IZ
Sample : G4345-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 22 06:07:48 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 :
A4J61

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:43 PM



TIC: BM003272.D

(14) Phenanthrene

17.157min (-0.000) 0.06ng/ul m

response 11913

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	24.98#
179.00	17.70	17.75
0.00	0.00	0.00

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11/25/15

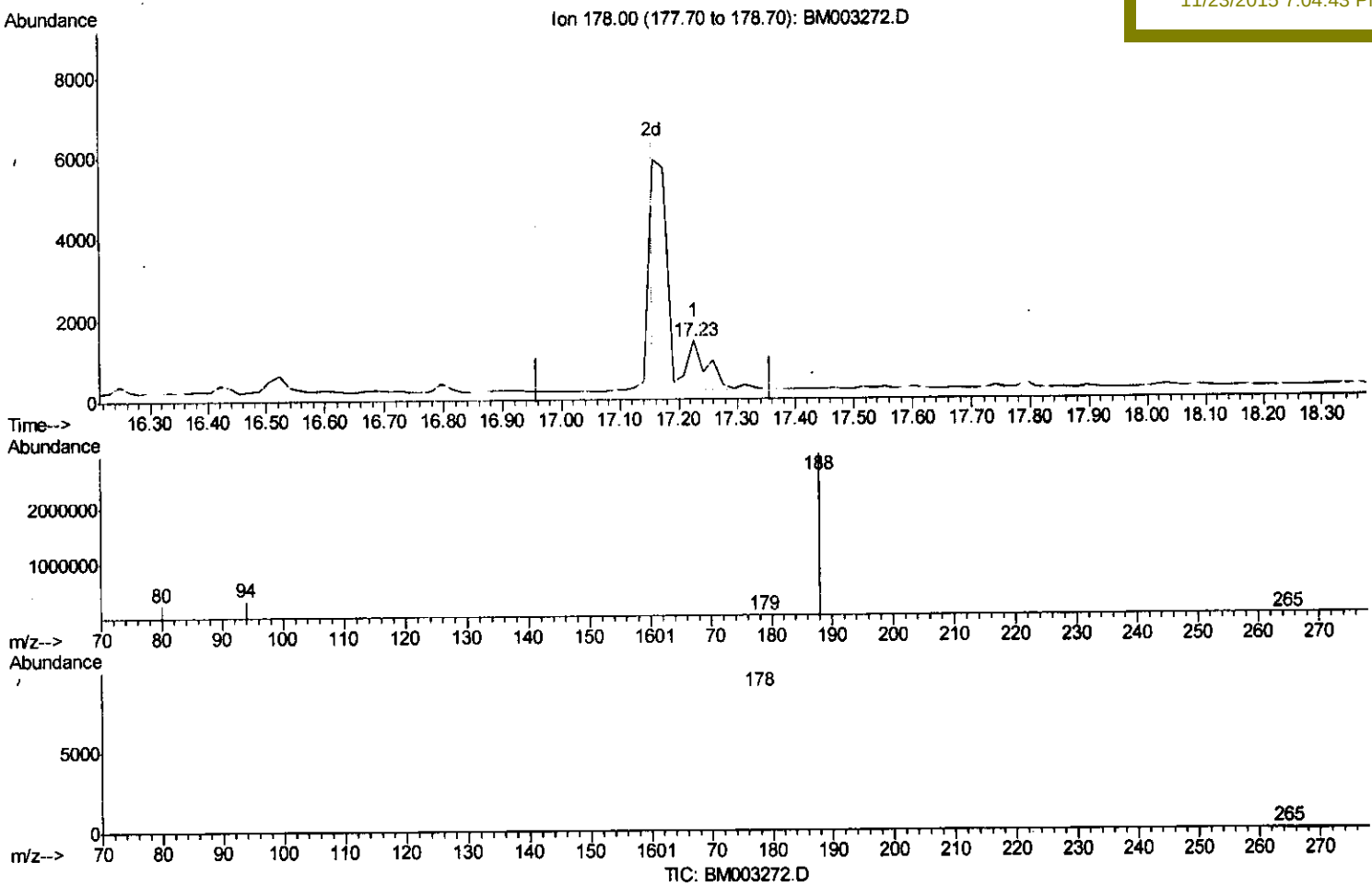
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003272.D
Acq On : 22 Nov 2015 05:27
Operator : UM/IZ
Sample : G4345-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 22 06:07:48 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 :
A4J61

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:43 PM



TIC: BM003272.D

(14) Phenanthrene

17.226min (+0.069) 0.01ng/ul

response 2824

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	14.92
179.00	17.70	269.41#
0.00	0.00	0.00

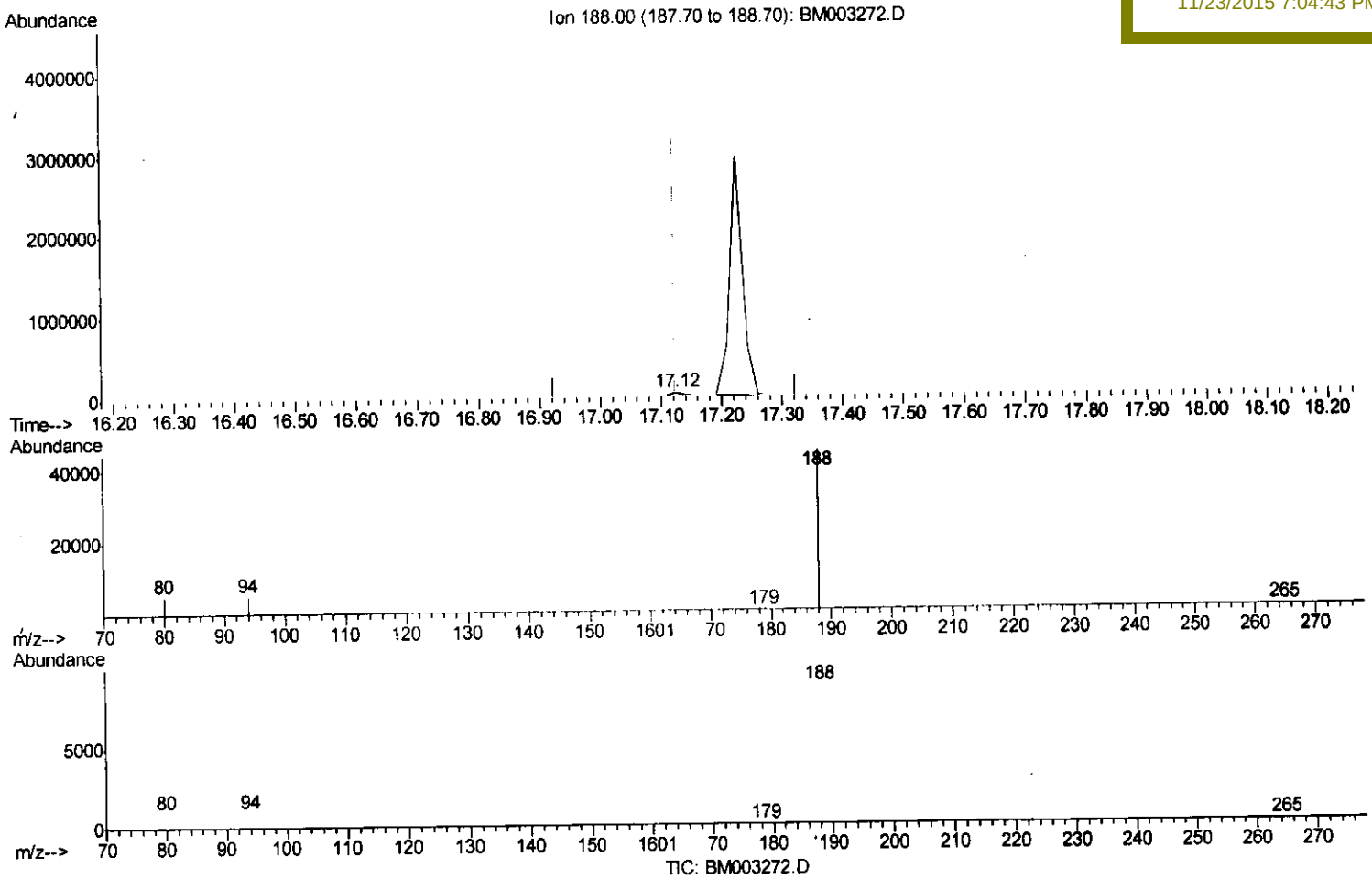
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003272.D
Acq On : 22 Nov 2015 05:27
Operator : UM/IZ
Sample : G4345-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 22 06:06:44 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 :
A4J61

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:43 PM



TIC: BM003272.D

(12) Phenanthrene-d10 (I)

17.123min (-0.000) 0.40ng/ul m

response 67099

U.M 11/25/15

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	11.23
80.00	11.90	11.21
0.00	0.00	0.00

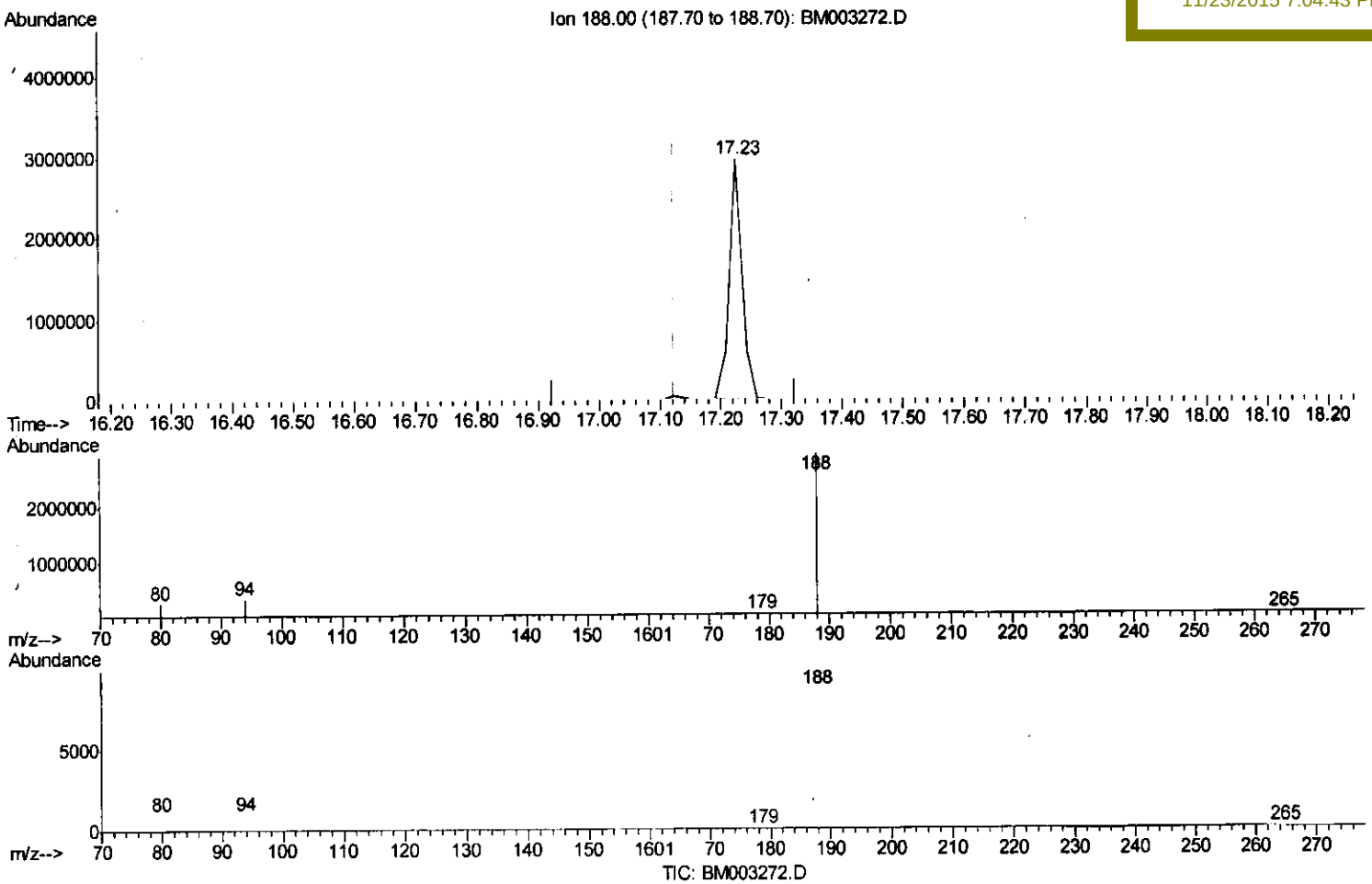
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112115\
Data File : BM003272.D
Acq On : 22 Nov 2015 05:27
Operator : UM/IZ
Sample : G4345-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 22 06:06:44 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 :
A4J61

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:43 PM



TIC: BM003272.D

(12) Phenanthrene-d10 (I)

17.226min (+0.103) 0.40ng/ul

response 4285777

Ion	Exp%	Act%
188.00	100	100
94.00	11.70	10.38
80.00	11.90	8.04#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003272.D
Acq On : 22 Nov 2015 05:27
Operator : UM/IZ
Sample : G4345-16
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4J61

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:04:43 PM

Quant Time: Nov 22 06:09:20 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	11994	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	48833	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	31135	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	67099m	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	67623	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	57959m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	71965	5.62	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	23007	0.35	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	56380	0.34	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.57	128	4464	0.04	ng/ul#	88
13) Pentachlorophenol	16.78	266	1104	0.07	ng/ul	97
14) Phenanthrene	17.16	178	11913m	0.06	ng/ul	
17) Fluoranthene	19.19	202	7038	0.03	ng/ul	79

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(#) = qualifier out of range (m) Manual Integration (+) = signals summed