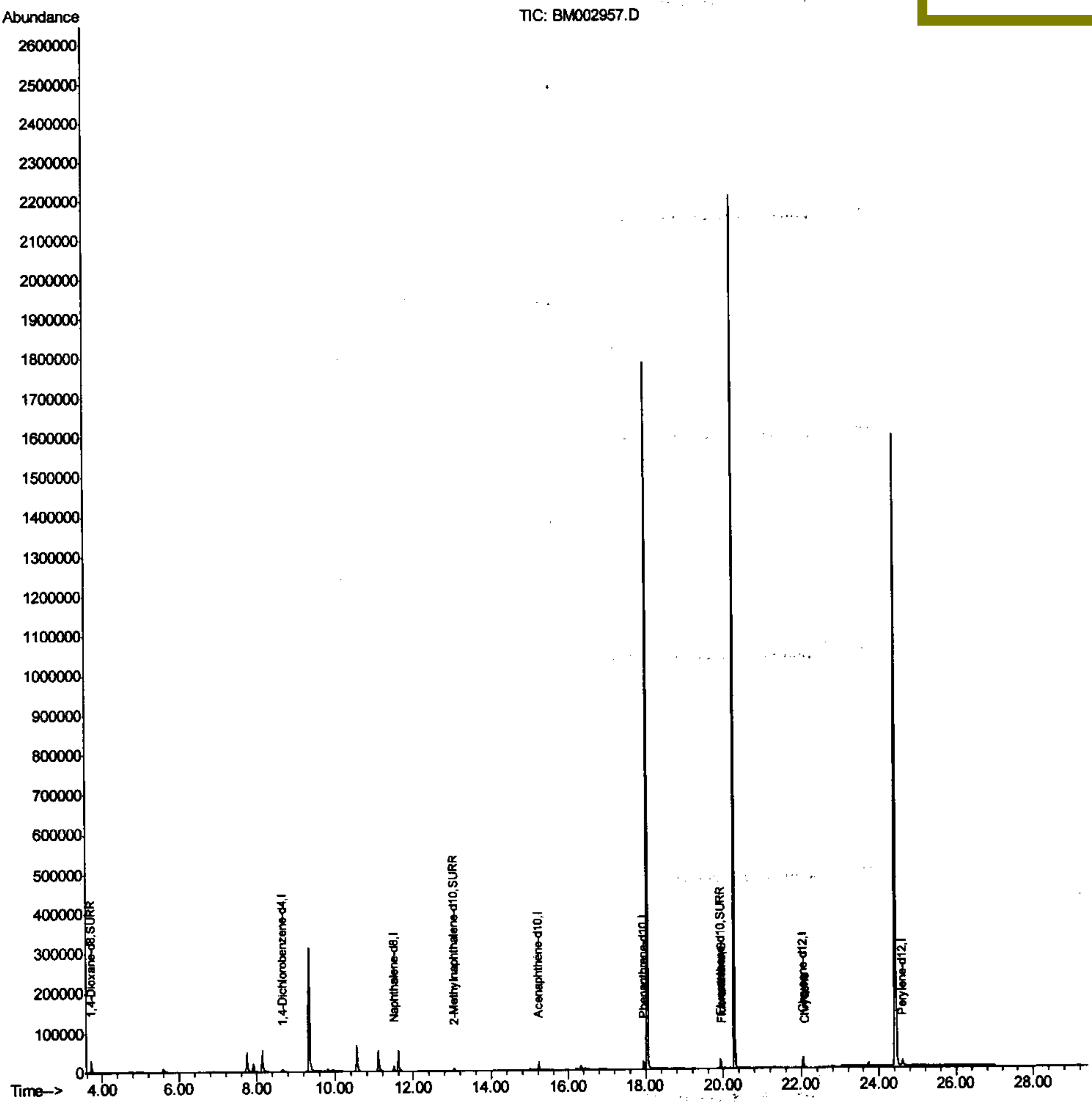
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002957.D
Acq On : 21 Oct 2015 21:01
Operator : UM/IZ
Sample : G4075-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JG9H9

Quant Time: Oct 22 14:28:17 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:56:53 PM

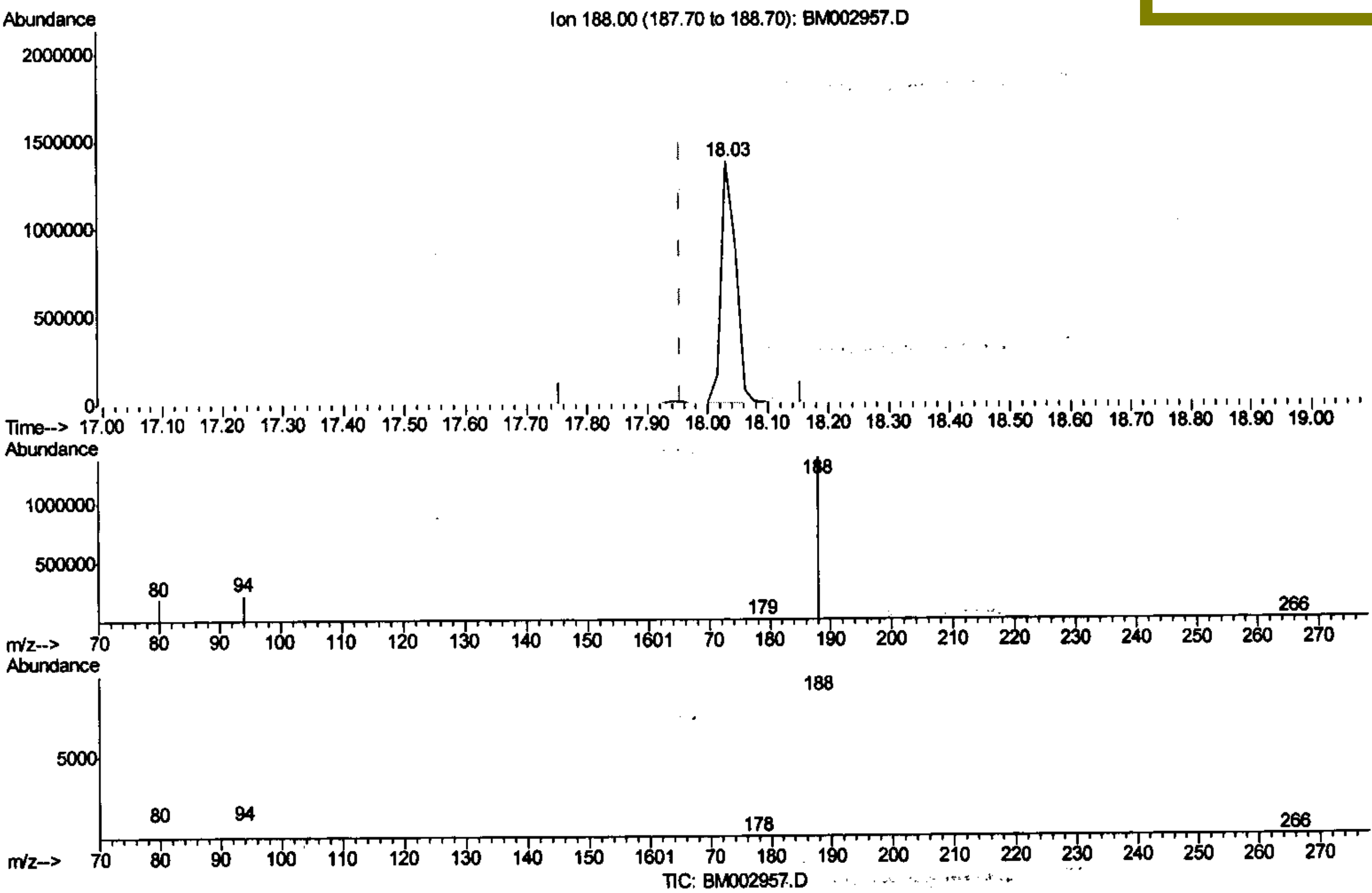


Quantitation Report (Qedit)

```
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002957.D
Acq On    : 21 Oct 2015  21:01
Operator  : UM/IZ
Sample    : G4075-11
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Oct 22 12:04:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration
```

Instrument :
BNA_M
ClientSampleId :
JG9H9

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:56:53 PM



(12) Phenanthrene-d10 (I)

18.031min (+0.077) 0.40ng/ul

response 2321421

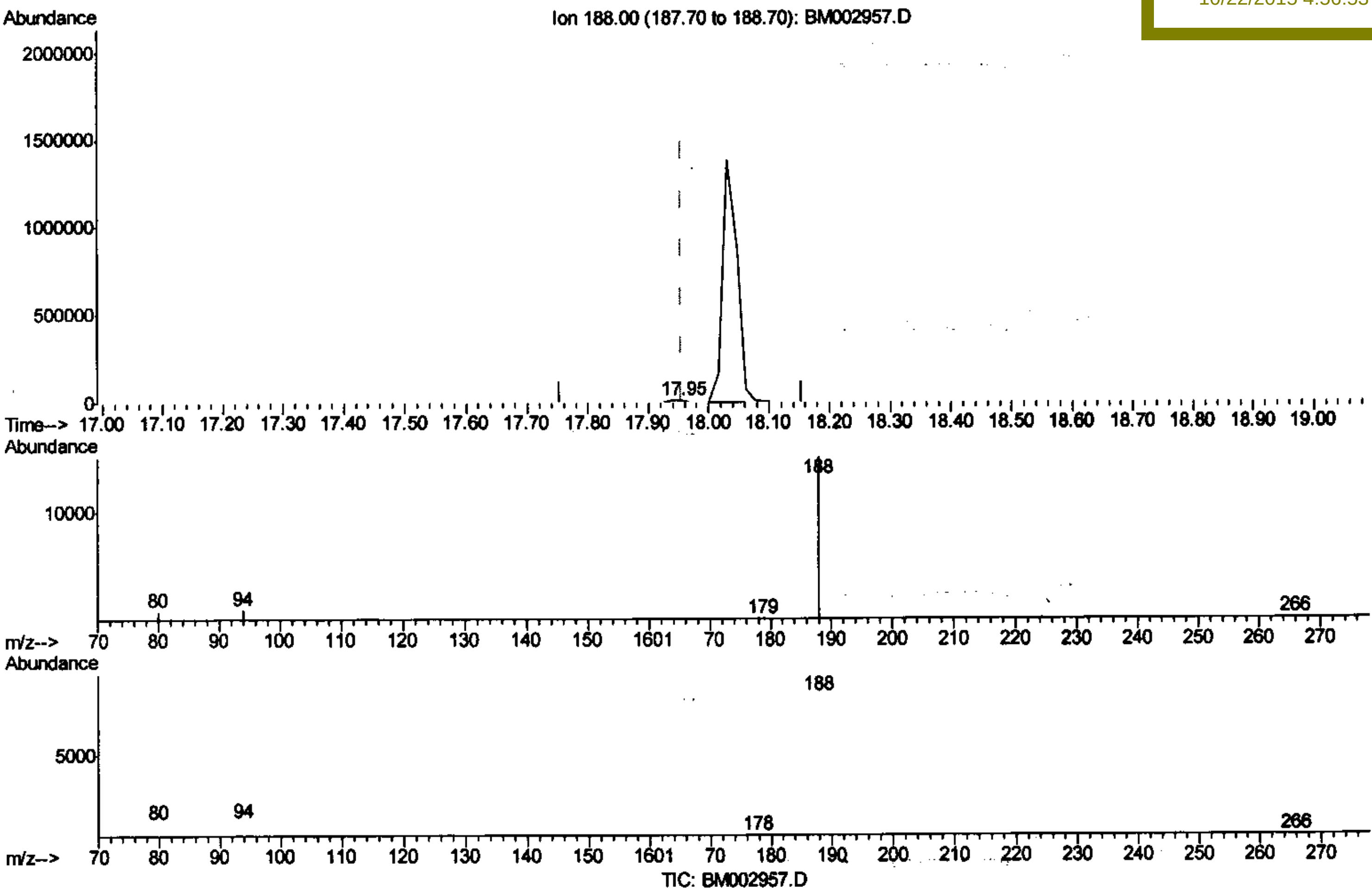
Ion	Exp%	Act%
188.00	100	100
94.00	9.00	16.00#
80.00	8.90	13.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

```
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002957.D
Acq On    : 21 Oct 2015  21:01
Operator  : UM/IZ
Sample    : G4075-11
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Oct 22 12:04:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration
```

Instrument :
BNA_M
ClientSampleId :
JG9H9

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:56:53 PM



(12) Phenanthrene-d10 (I)

17.954min (-0.000) 0.40ng/ul m

U.M.
10/23/15

response 30373

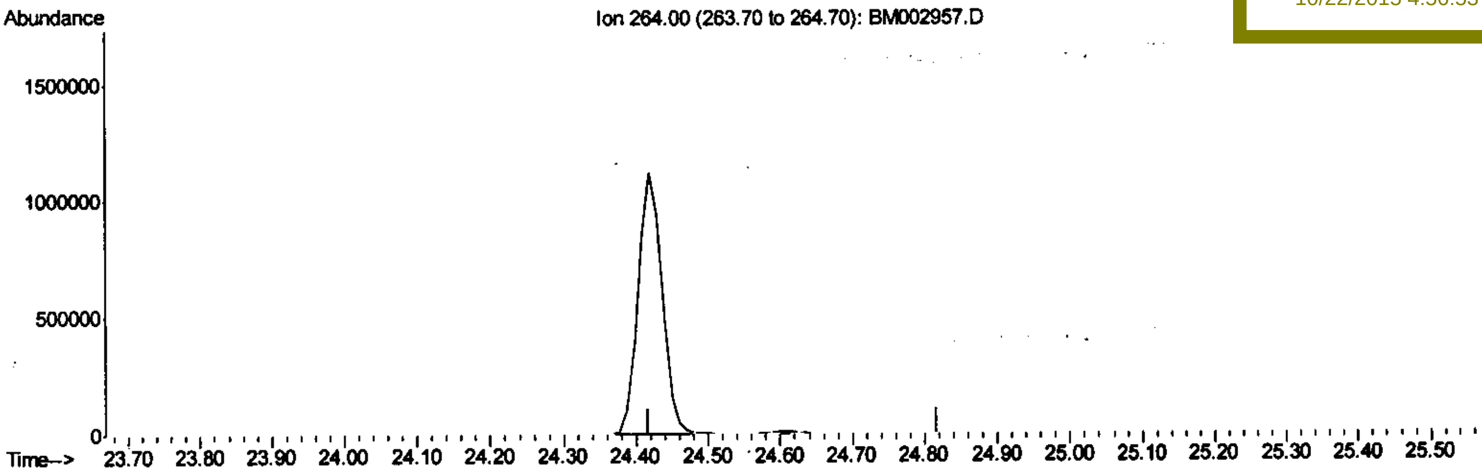
Ion	Exp%	Act%
188.00	100	100
94.00	9.00	6.32#
80.00	8.90	5.47#
0.00	0.00	0.00

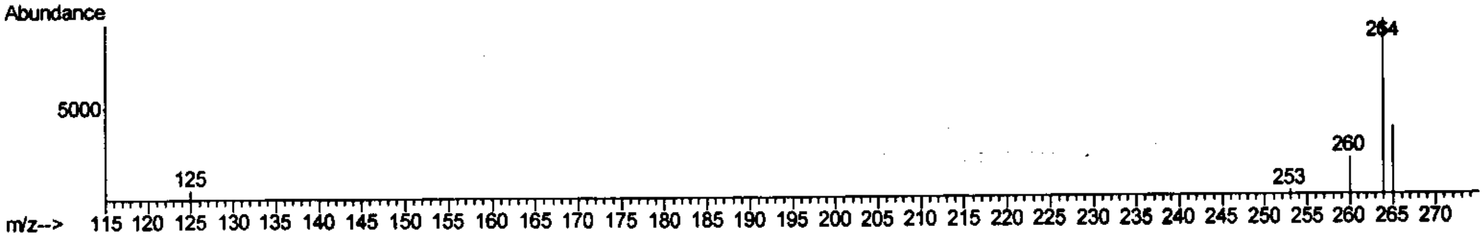
Quantitation Report (Qedit)

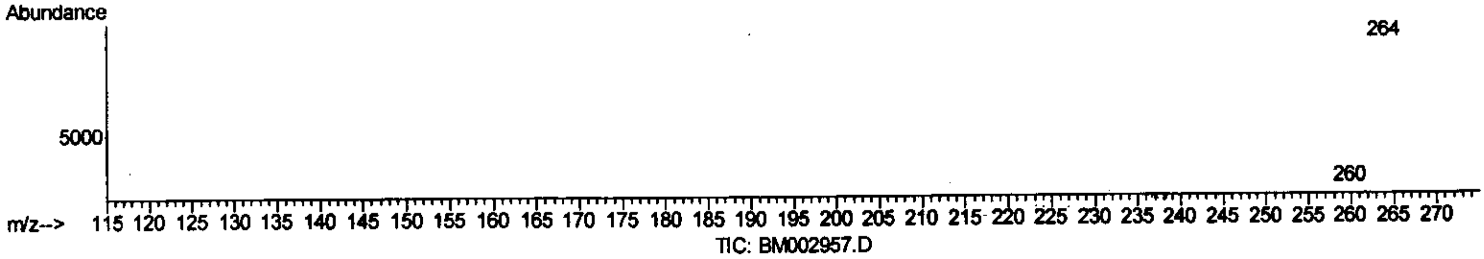
```
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002957.D
Acq On    : 21 Oct 2015  21:01
Operator  : UM/IZ
Sample    : G4075-11
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Oct 22 12:59:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration
```

Instrument :
BNA_M
ClientSampleId :
JG9H9

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:56:53 PM







(22) Perylene-d12 (I)

24.617min (-24.617) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	28.90	0.00#
265.00	34.70	0.00#
0.00	0.00	0.00

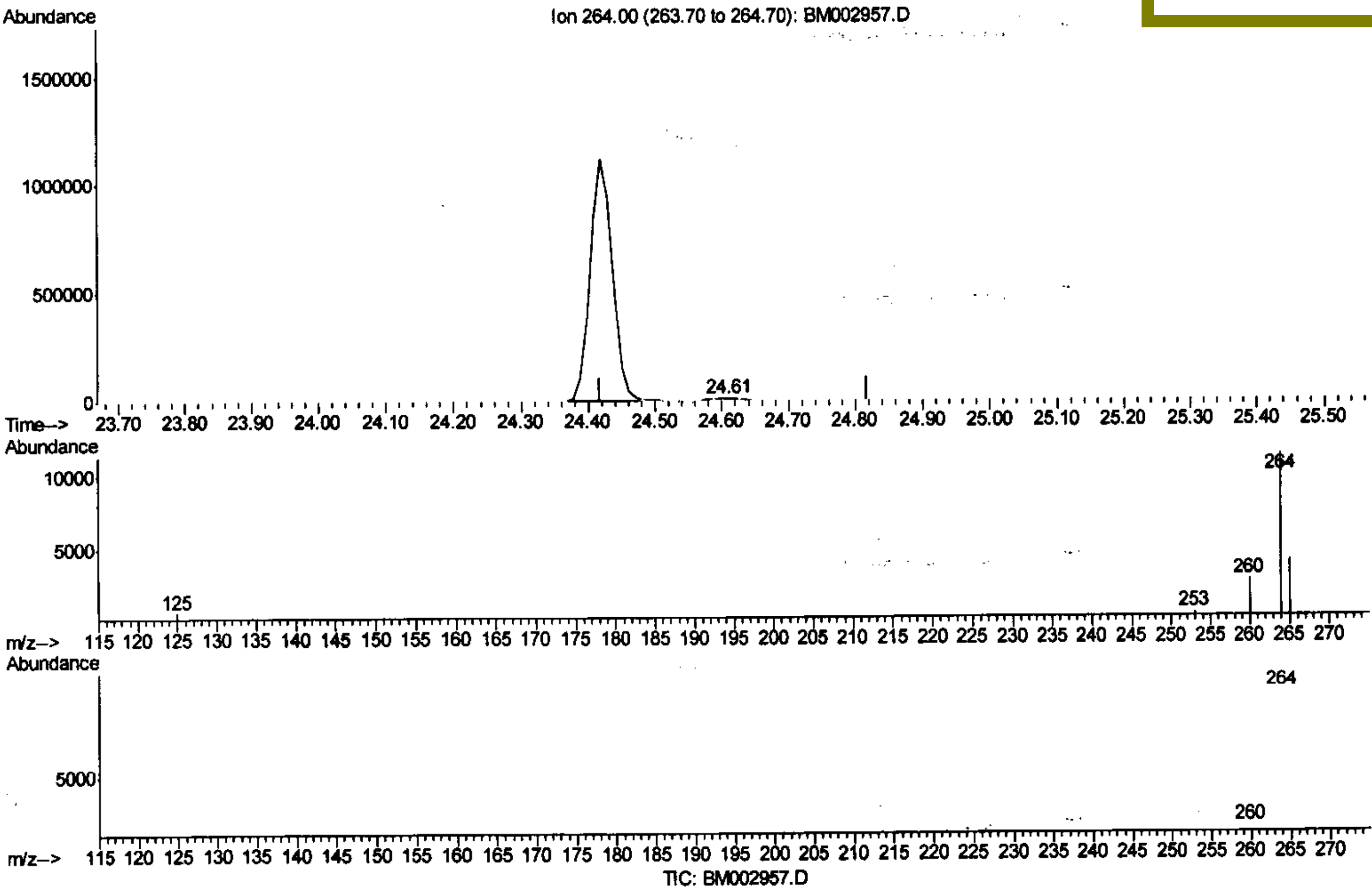
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002957.D
Acq On : 21 Oct 2015 21:01
Operator : UM/IZ
Sample : G4075-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JG9H9

Quant Time: Oct 22 12:59:25 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration

Manual Integrations APPROVED
MMdadoda
10/22/2015 4:56:53 PM



(22) Perylene-d12 (I)

24.606min (-0.011) 0.40ng/ul m

U.M.
10/23/15

response 26116

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.88
265.00	34.70	36.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

```
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102215\
Data File : BM002957.D
Acq On    : 21 Oct 2015  21:01
Operator  : UM/IZ
Sample    : G4075-11
Misc      :
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Oct 22 14:28:17 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM102215.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 21 16:23:48 2015
Response via : Initial Calibration
```

Instrument : BNA_M
ClientSampleId : JG9H9

Manual Integration APPROVED
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10/22/2015 4:56:53 P

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	4795	0.40 ng/ul	0.00
4) Naphthalene-d8	11.49	136	22673	0.40 ng/ul	-0.01
8) Acenaphthene-d10	15.23	164	14078	0.40 ng/ul	0.00
12) Phenanthrene-d10	17.95	188	30373m	0.40 ng/ul	0.00
18) Chrysene-d12	22.04	240	30551	0.40 ng/ul	0.00
22) Perylene-d12	24.61	264	26116m	0.40 ng/ul	-0.01
System Monitoring Compounds					
2) 1,4-Dioxane-d8	3.71	96	25264	4.93 ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.05	152	11837	0.31 ng/ul	0.00
16) Fluoranthene-d10	19.93	212	28883	0.36 ng/ul	0.00
Target Compounds					Qvalue
17) Fluoranthene	19.96	202	3017	0.03 ng/ul	80
21) Chrysene	22.08	228	1811	0.02 ng/ul#	80

U.M.
10/23/15

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