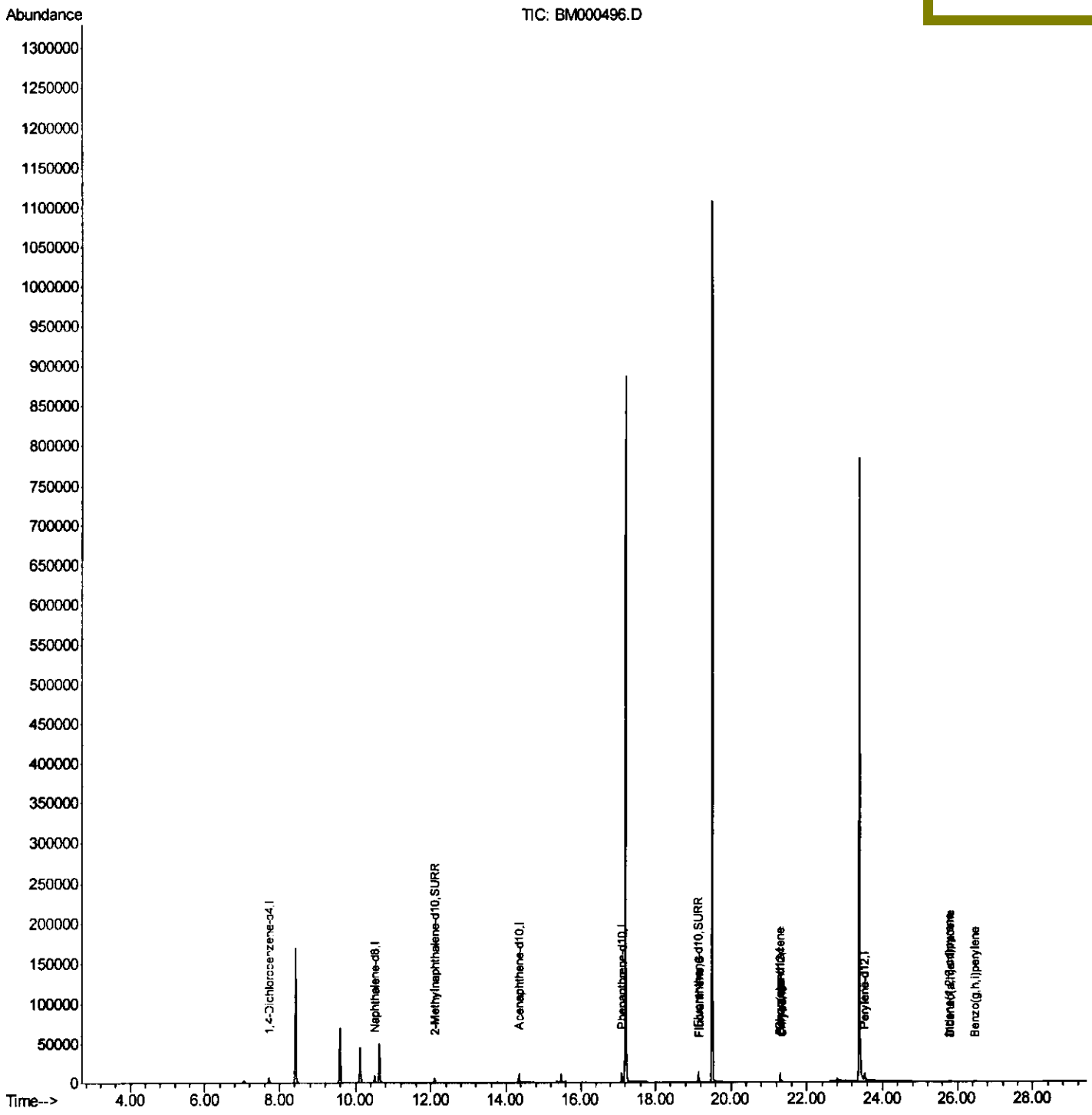
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000496.D
Acq On : 12 Feb 2015 02:54
Operator : TP/IZ
Sample : PB81661BL
Misc : SBLK18
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 12 03:57:12 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 23:58:48 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SBLK18

**Manual Integrations APPROVED**
apatel
2/12/2015 4:10:57 PM



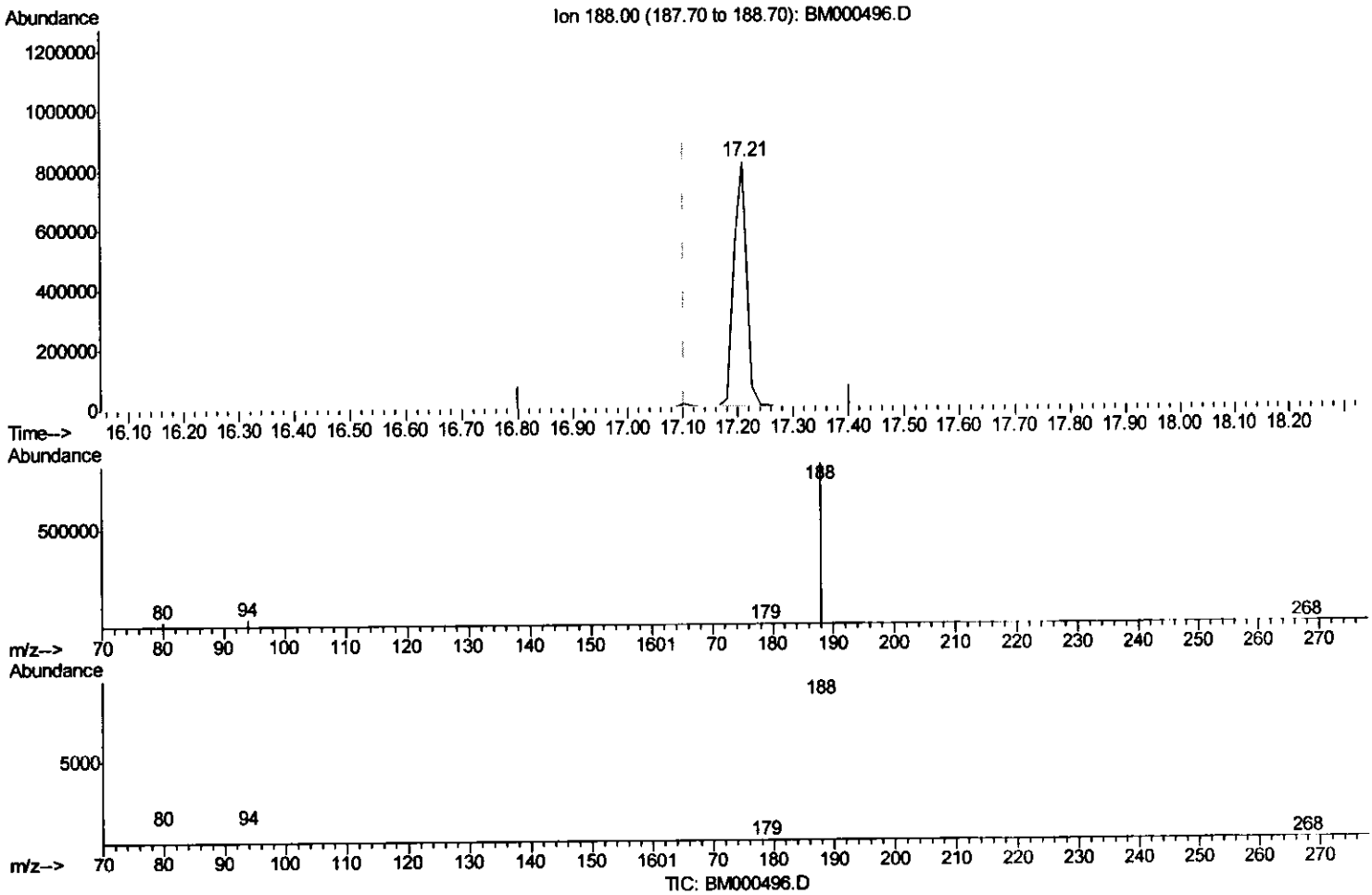
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000496.D
Acq On : 12 Feb 2015 02:54
Operator : TP/IZ
Sample : PB81661BL
Misc : SBLK18
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 12 03:53:59 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 23:58:48 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SBLK18

**Manual Integrations APPROVED**
apatel
2/12/2015 4:10:57 PM




(10) Phenanthrene-d10 (I)

17.210min (+0.108) 0.40ng/ul

response 1375122

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 9.60 | 4.54# |
| 80.00 | 10.40 | 3.24# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000496.D
Acq On : 12 Feb 2015 02:54
Operator : TP/IZ
Sample : PB81661BL
Misc : SBLK18
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 12 03:53:59 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
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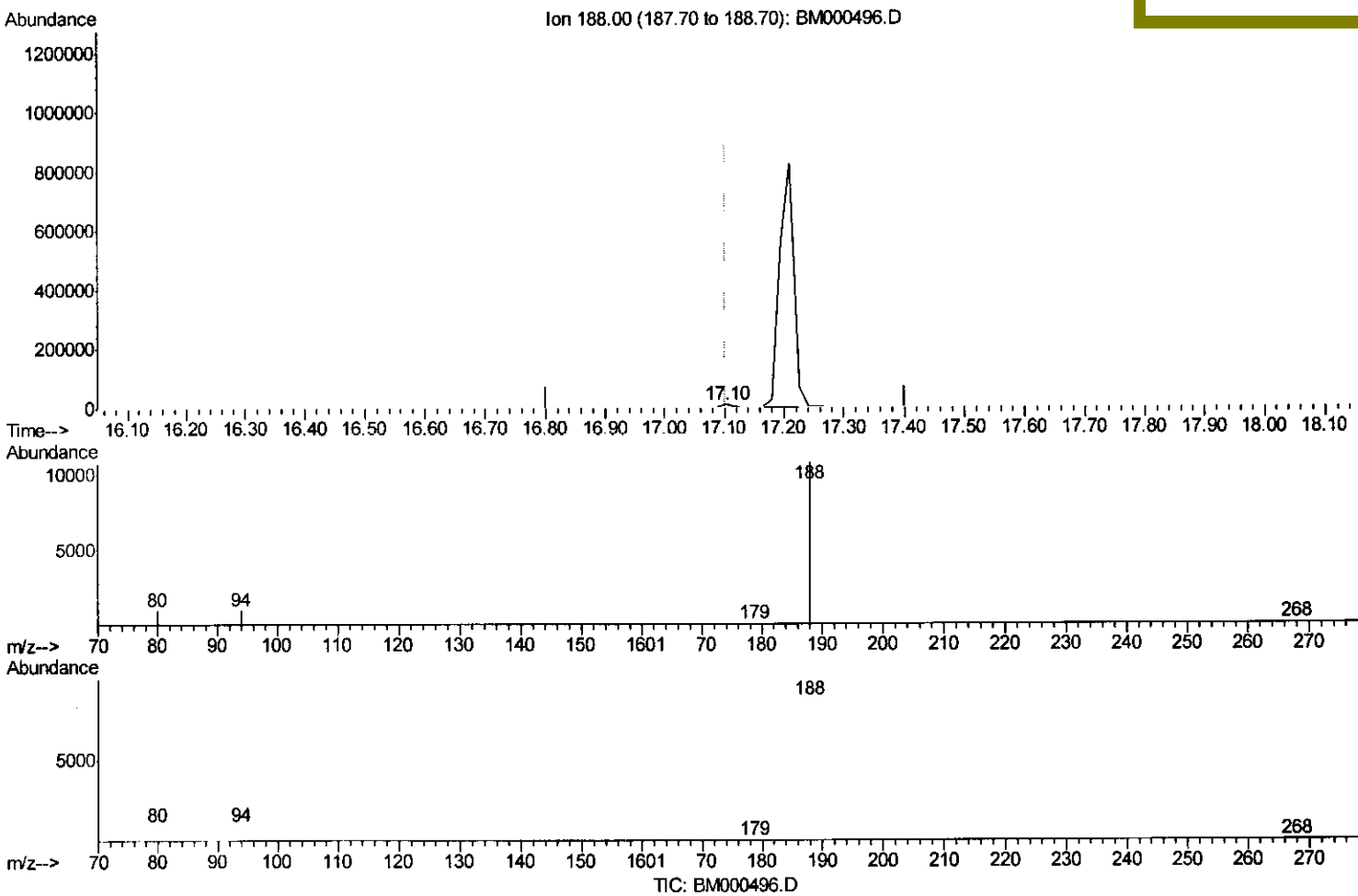
QLast Update : Wed Feb 11 23:58:48 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SBLK18

**Manual Integrations APPROVED**
apatel
2/12/2015 4:10:57 PM




TIC: BM000496.D

(10) Phenanthrene-d10 (I)

17.102min (-0.000) 0.40ng/ul m

response 16307

T.P. 2/17/15

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 9.60 | 9.16 |
| 80.00 | 10.40 | 9.23 |
| 0.00 | 0.00 | 0.00 |

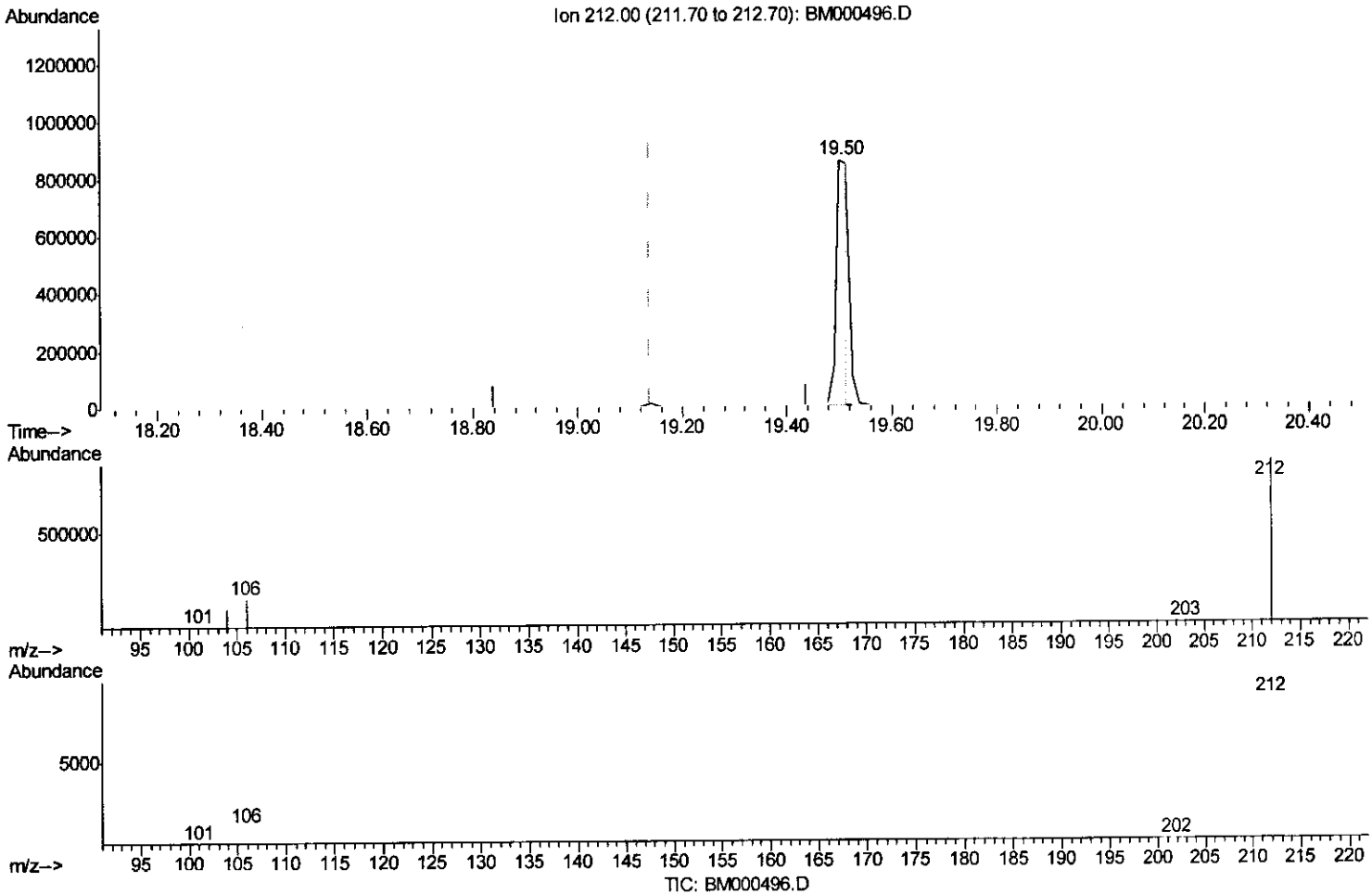
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000496.D
Acq On : 12 Feb 2015 02:54
Operator : TP/IZ
Sample : PB81661BL
Misc : SBLK18
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 12 03:55:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 23:58:48 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SBLK18

**Manual Integrations APPROVED**
apatel
2/12/2015 4:10:57 PM




(14) Fluoranthene-d10 (SURR)

19.502min (+0.363) 37.01ng/ul

response 1336912

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 100 |
| 106.00 | 11.50 | 14.39# |
| 104.00 | 6.80 | 9.50# |
| 0.00 | 0.00 | 0.00 |

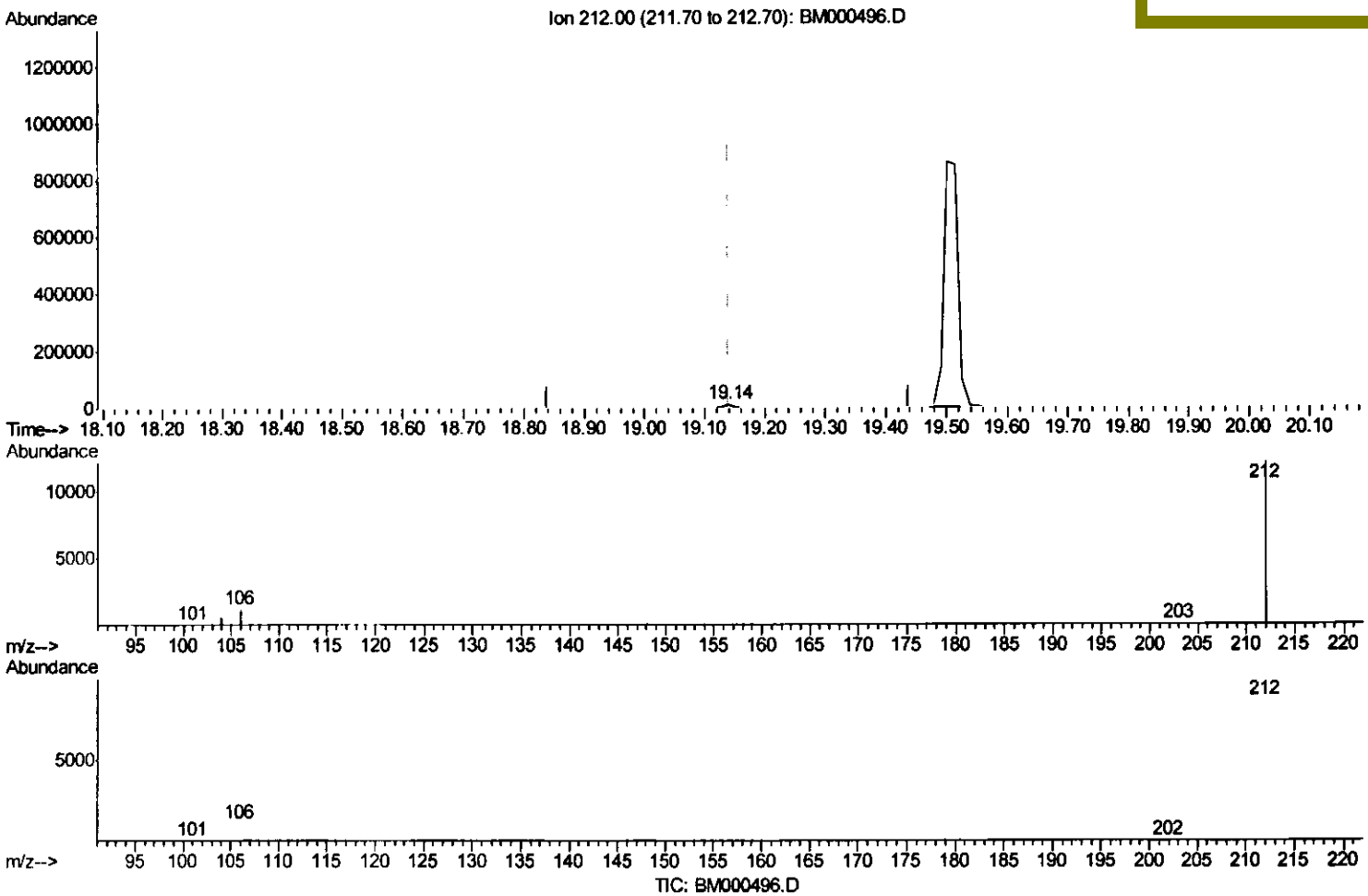
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000496.D
Acq On : 12 Feb 2015 02:54
Operator : TP/IZ
Sample : PB81661BL
Misc : SBLK18
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 12 03:55:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 23:58:48 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SBLK18

**Manual Integrations APPROVED**
apatel
2/12/2015 4:10:57 PM




(14) Fluoranthene-d10 (SURR)

19.139min (-0.000) 0.45ng/ul m

response 16420

T.P. 2/17/15

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 100 |
| 106.00 | 11.50 | 1171.37# |
| 104.00 | 6.80 | 773.79# |
| 0.00 | 0.00 | 0.00 |

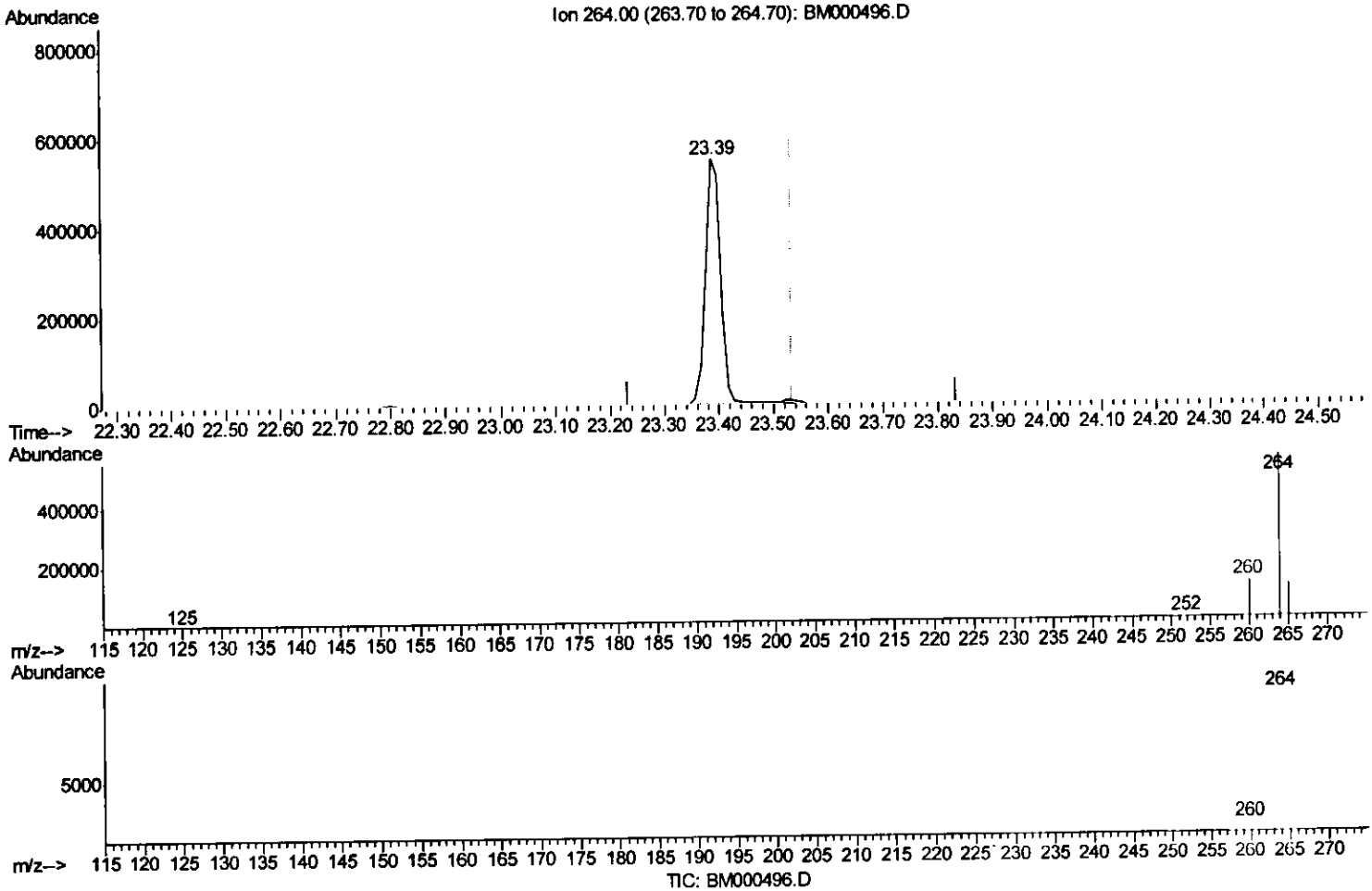
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000496.D
Acq On : 12 Feb 2015 02:54
Operator : TP/IZ
Sample : PB81661BL
Misc : SBLK18
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 12 03:55:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 23:58:48 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SBLK18

**Manual Integrations APPROVED**
apatel
2/12/2015 4:10:57 PM




(20) Perylene-d12 (I)

23.387min (-0.146) 0.40ng/ul

response 1077702

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 26.60 | 22.09 |
| 265.00 | 30.20 | 19.86# |
| 0.00 | 0.00 | 0.00 |

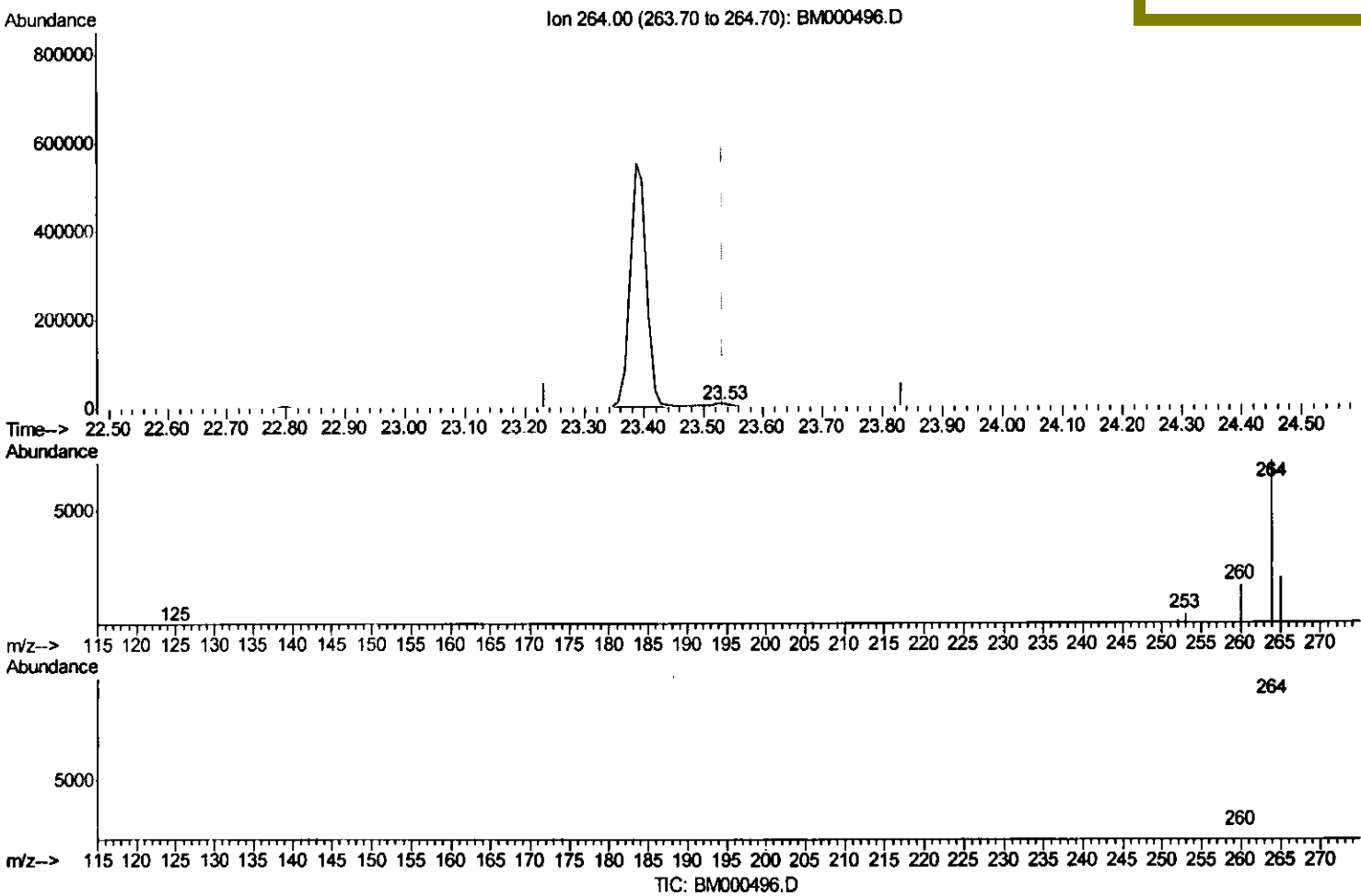
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000496.D
Acq On : 12 Feb 2015 02:54
Operator : TP/IZ
Sample : PB81661BL
Misc : SBLK18
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 12 03:55:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 23:58:48 2015
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SBLK18

**Manual Integrations APPROVED**
apatel
2/12/2015 4:10:57 PM




(20) Perylene-d12 (I)

23.533min (-0.000) 0.40ng/ul m

response 18135

T.P. 2/17/15

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 26.60 | 24.51 |
| 265.00 | 30.20 | 29.07 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
ClientSampleId :
SBLK18

Manual Integrations APPROVED
apatel
2/12/2015 4:10:57 PM

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
Data File : BM000496.D
Acq On : 12 Feb 2015 02:54
Operator : TP/IZ
Sample : PB81661BL
Misc : SBLK18
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Feb 12 03:57:12 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 11 23:58:48 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 3262 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.50 | 136 | 11667 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.37 | 164 | 7751 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.10 | 188 | 16307m | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.30 | 240 | 13811 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.53 | 264 | 18135m | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.10 | 152 | 7428 | 0.48 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.14 | 212 | 16420m | 0.45 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 15) Fluoranthene | 19.16 | 202 | 717 | 0.01 | ng/ul | 78 |
| 18) Benzo(a)anthracene | 21.28 | 228 | 1608 | 0.04 | ng/ul# | 94 |
| 19) Chrysene | 21.33 | 228 | 1806 | 0.04 | ng/ul# | 94 |
| 24) Indeno(1,2,3-cd)pyrene | 25.78 | 276 | 1474 | 0.02 | ng/ul | 97 |
| 25) Dibenzo(a,h)anthracene | 25.79 | 278 | 1178 | 0.02 | ng/ul# | 52 |
| 26) Benzo(g,h,i)perylene | 26.47 | 276 | 1276 | 0.02 | ng/ul# | 77 |

T.P. 2/17/15

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