

# Quantitation Report (QT Reviewed)

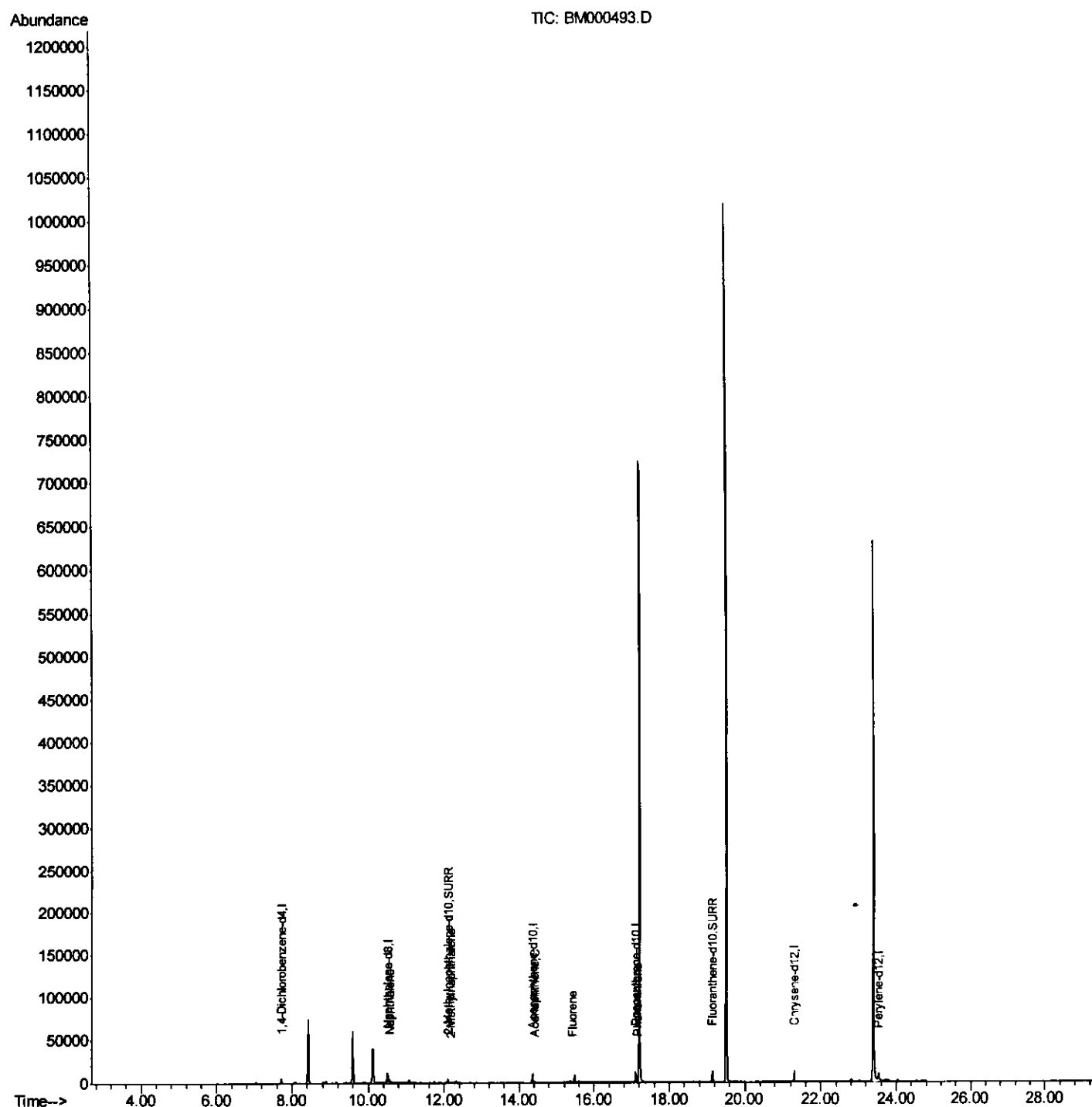
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FL7

Manual Integrations  
 APPROVED

apatel  
 2/12/2015 4:10:45 PM

Quant Time: Feb 12 15:14:59 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



# Quantitation Report (Qedit)

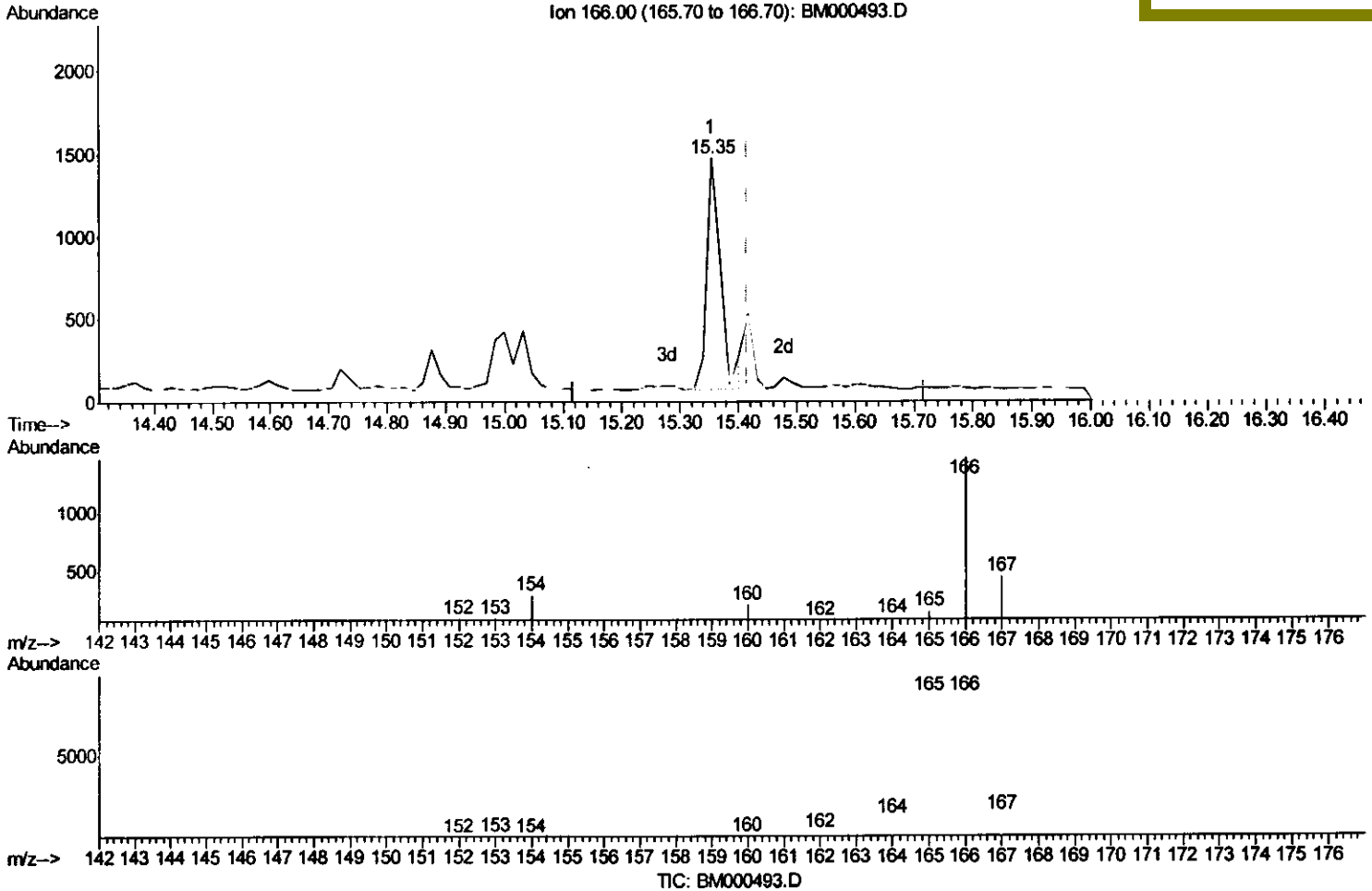
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FL7

Quant Time: Feb 12 02:13:28 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-SIM-BM021115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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(9) Fluorene

15.355min (-0.062) 0.08ng/ul

response 2380

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 166.00 | 100   | 100    |
| 165.00 | 93.00 | 9.71#  |
| 167.00 | 14.10 | 29.89# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

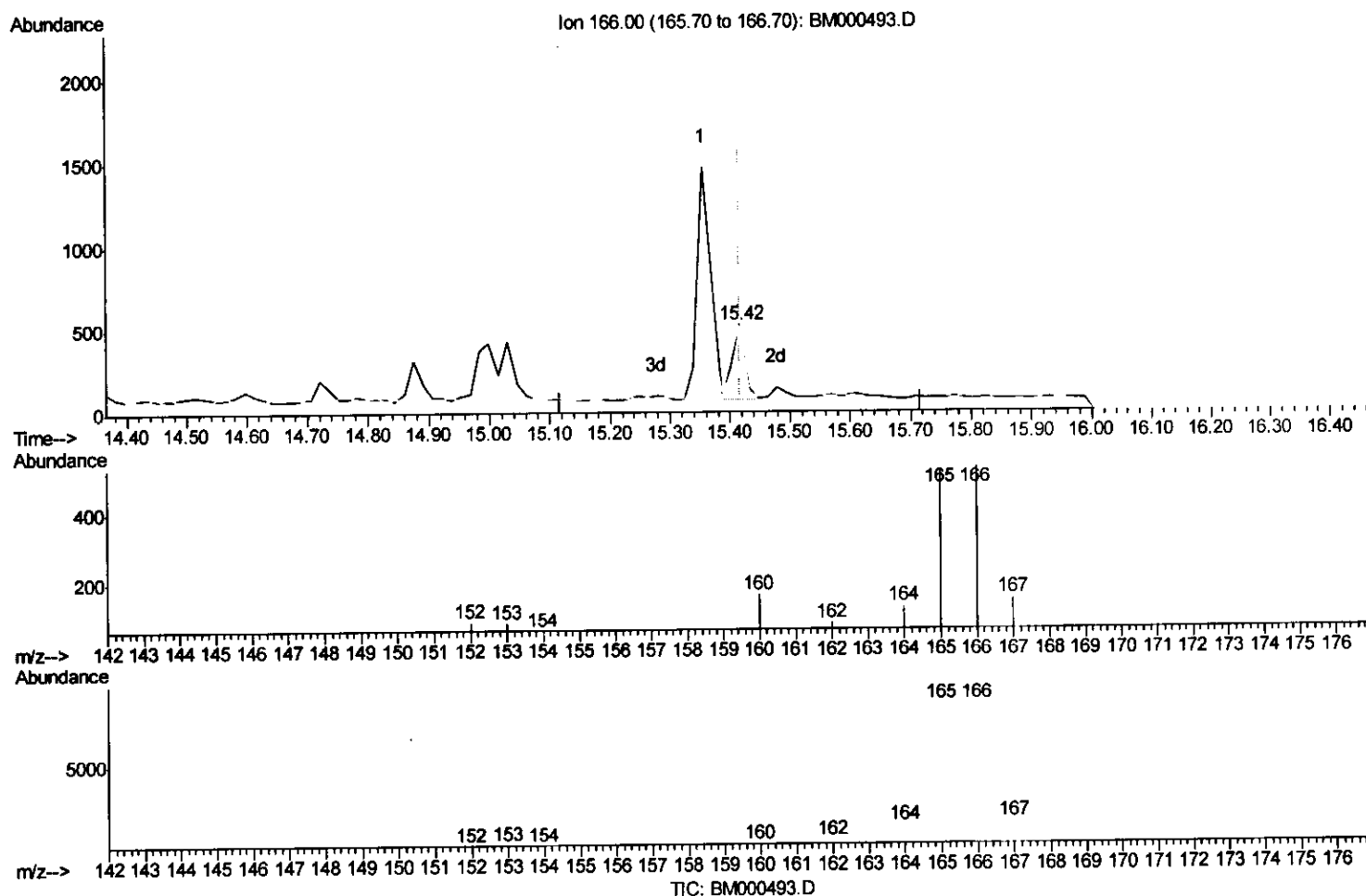
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

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 ClientSampleId :  
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## (9) Fluorene

15.416min (0.000) 0.02ng/ul m

response 682

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 166.00 | 100   | 100    |
| 165.00 | 93.00 | 98.48  |
| 167.00 | 14.10 | 28.60# |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

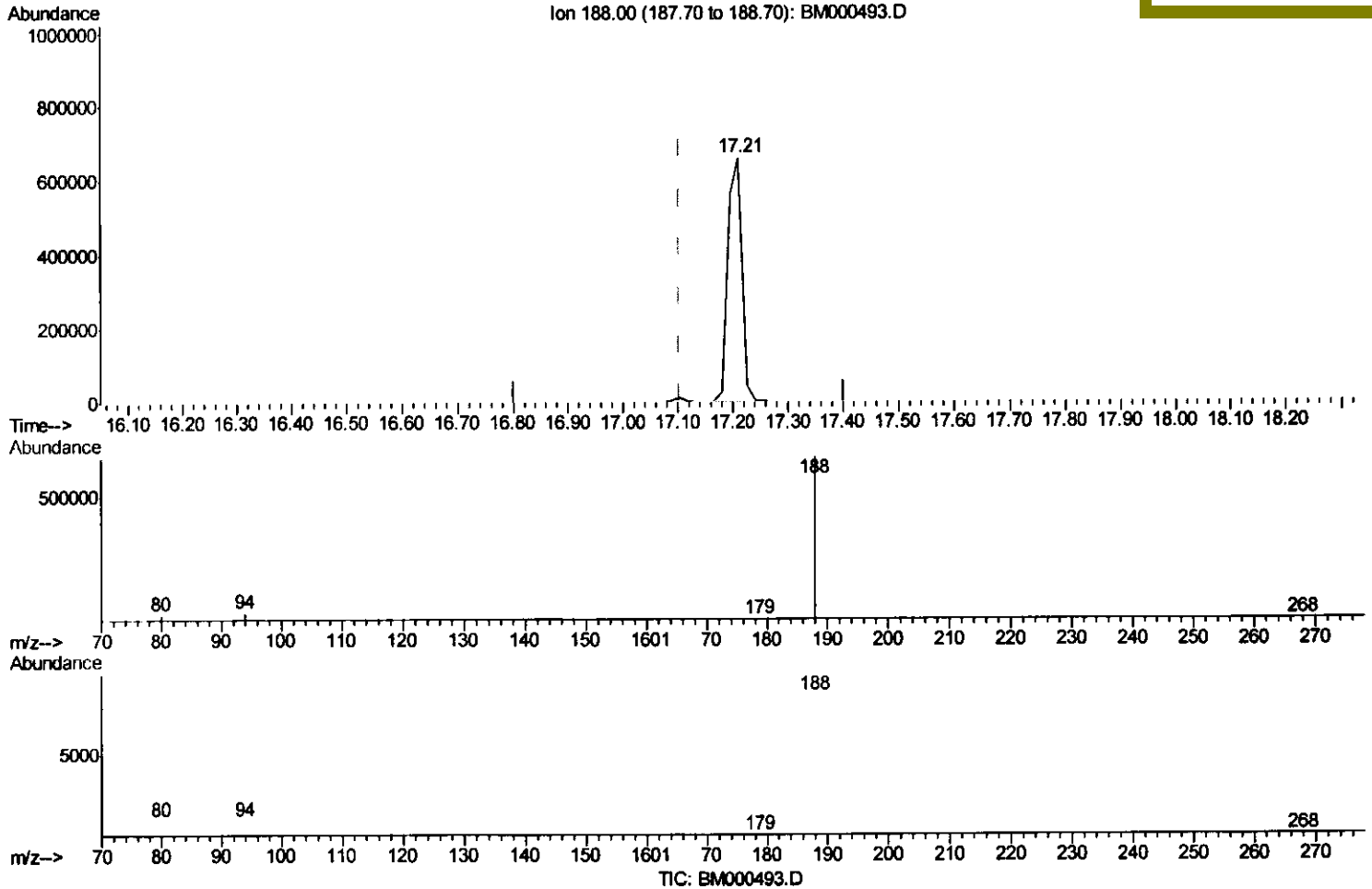
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
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(10) Phenanthrene-d10 (I)

17.210min (+0.108) 0.40ng/ui

response 1212596

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 9.60  | 4.13# |
| 80.00  | 10.40 | 2.87# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

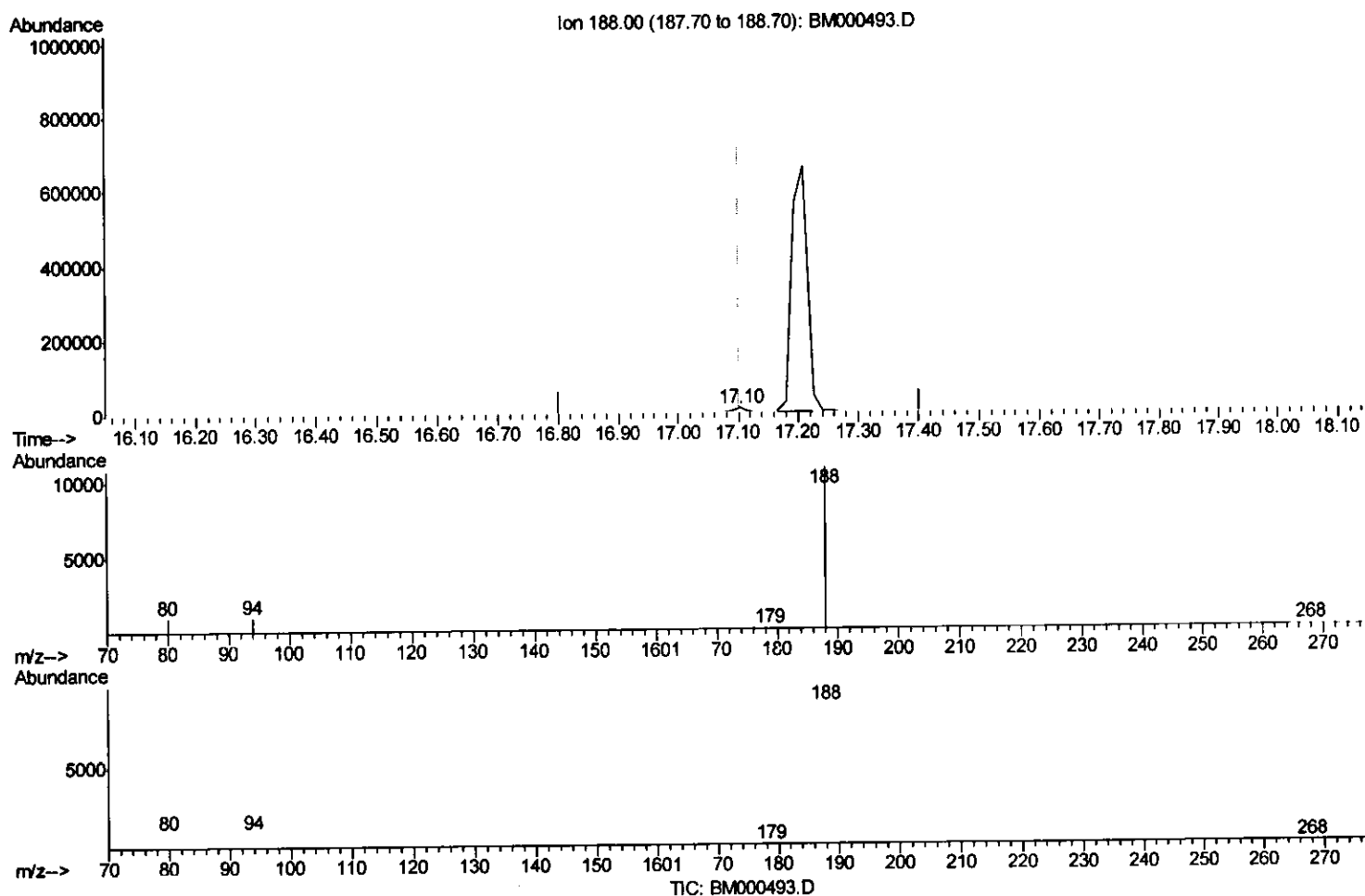
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FL7

Manual Integrations  
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(10) Phenanthrene-d10 (I)

17.102min (0.000) 0.40ng/ul m

response 15836

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 188.00 | 100   | 100  |
| 94.00  | 9.60  | 9.07 |
| 80.00  | 10.40 | 9.18 |
| 0.00   | 0.00  | 0.00 |

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# Quantitation Report (Qedit)

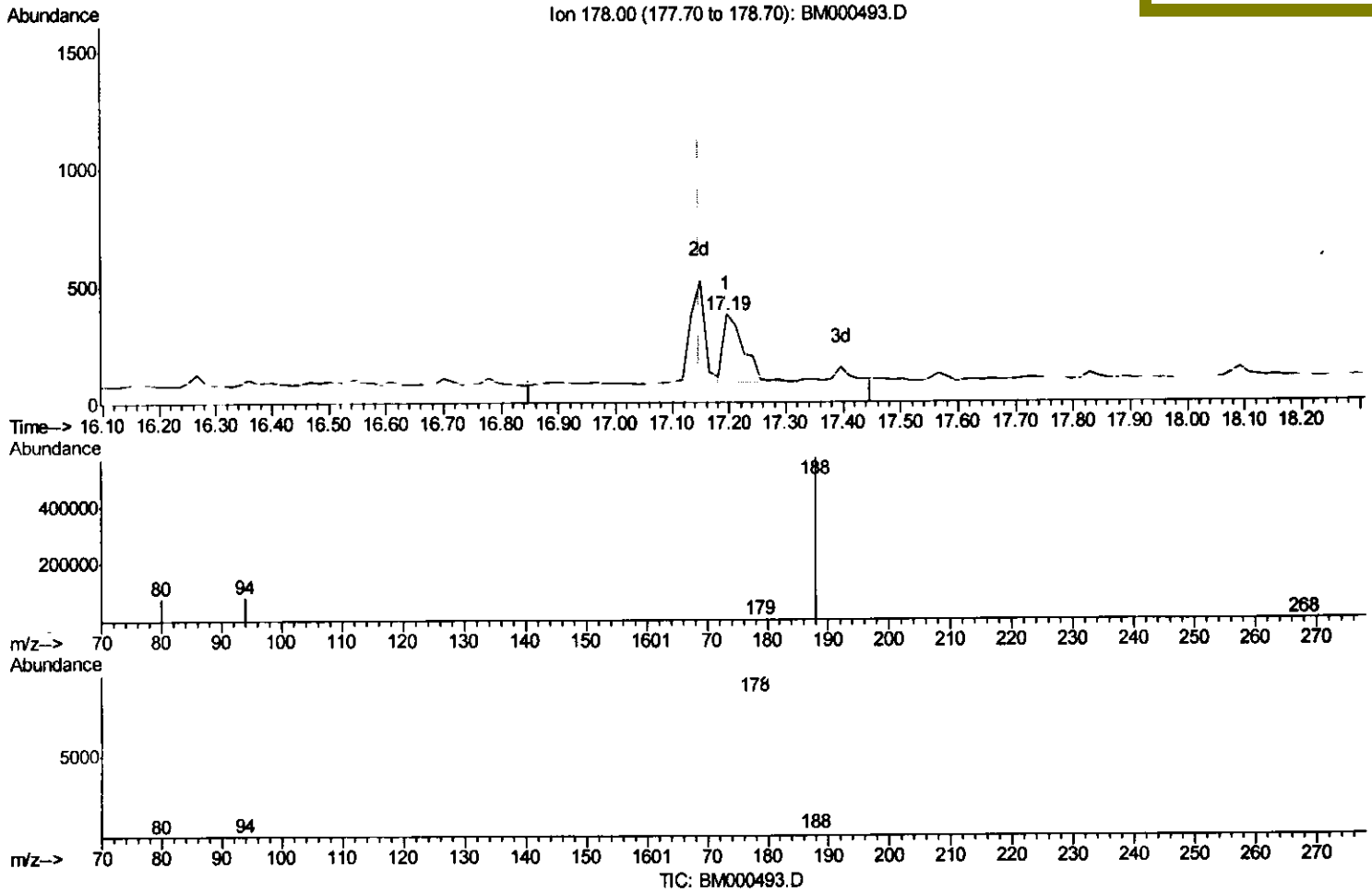
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FL7

Quant Time: Feb 12 02:13:28 2015  
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(12) Phenanthrene

17.195min (+0.046) 0.02ng/ul

response 747

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 178.00 | 100   | 100     |
| 176.00 | 18.70 | 24.40#  |
| 179.00 | 16.20 | 175.07# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

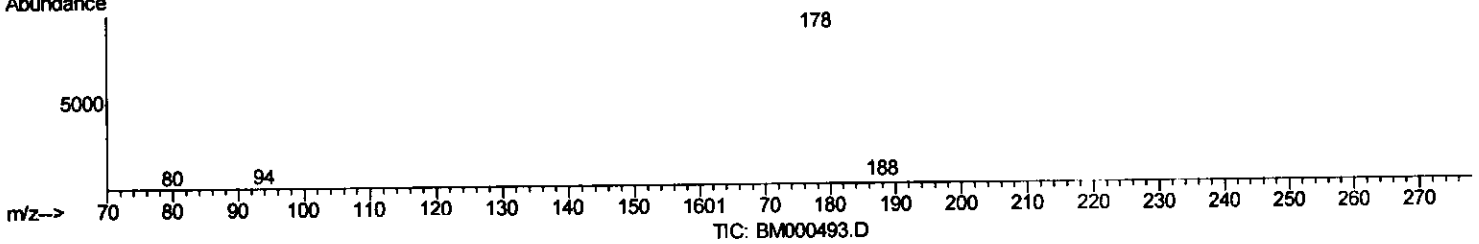
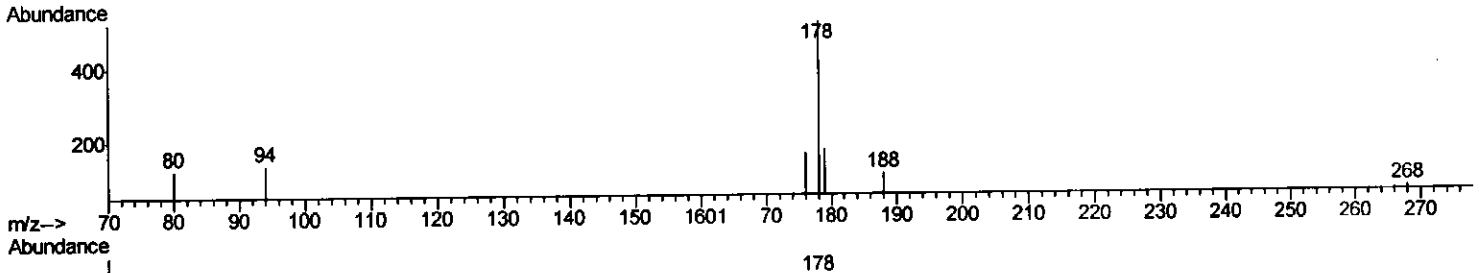
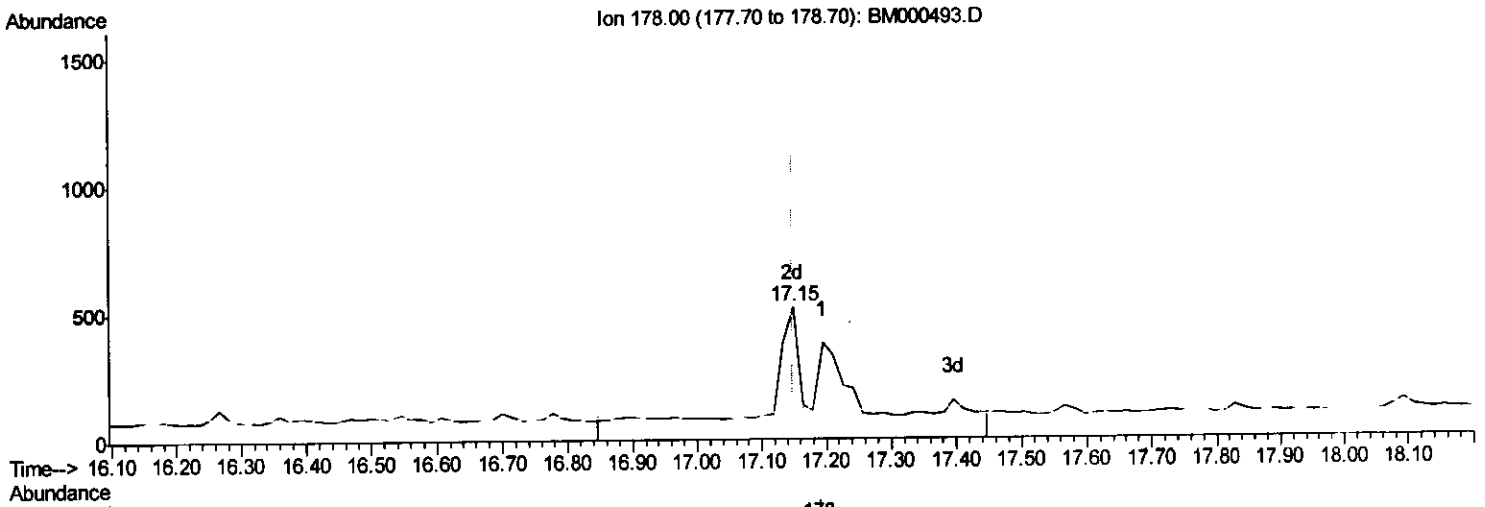
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FL7

Manual Integrations  
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Quant Time: Feb 12 02:13:28 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-SIM-BM021115.M  
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 Response via : Initial Calibration



(12) Phenanthrene

17.148min (0.000) 0.02ng/ul m

response 704

Ion Exp% Act%

178.00 100 100

176.00 18.70 31.09#

179.00 16.20 32.82#

0.00 0.00 0.00

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# Quantitation Report (Qedit)

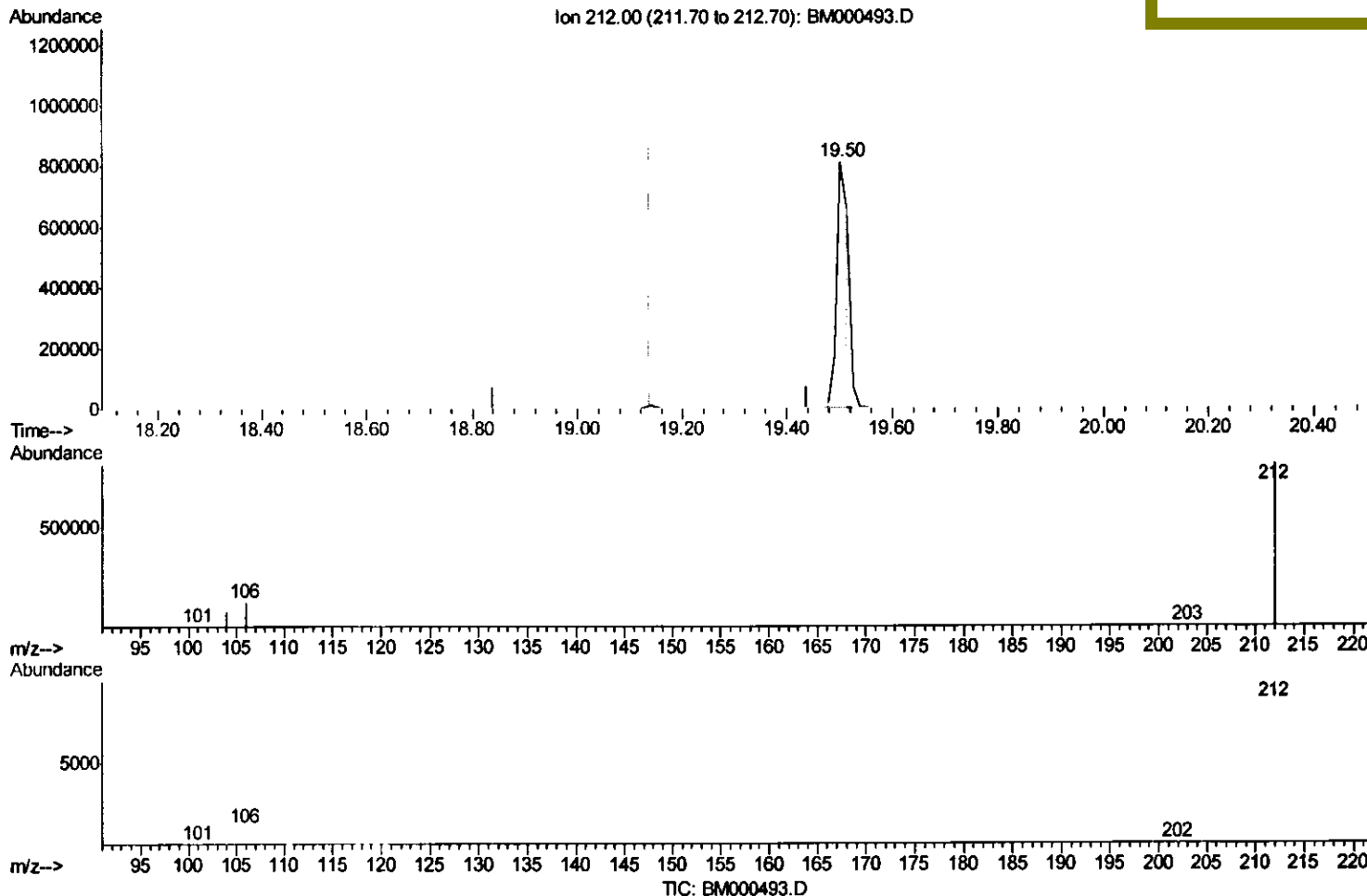
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FL7

Quant Time: Feb 12 02:13:28 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-SIM-BM021115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

Manual Integrations  
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(14) Fluoranthene-d10 (SURR)

19.502min (+0.363) 33.91ng/ul

response 1189629

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 212.00 | 100   | 100    |
| 106.00 | 11.50 | 14.24# |
| 104.00 | 6.80  | 9.34#  |
| 0.00   | 0.00  | 0.00   |



# Quantitation Report (Qedit)

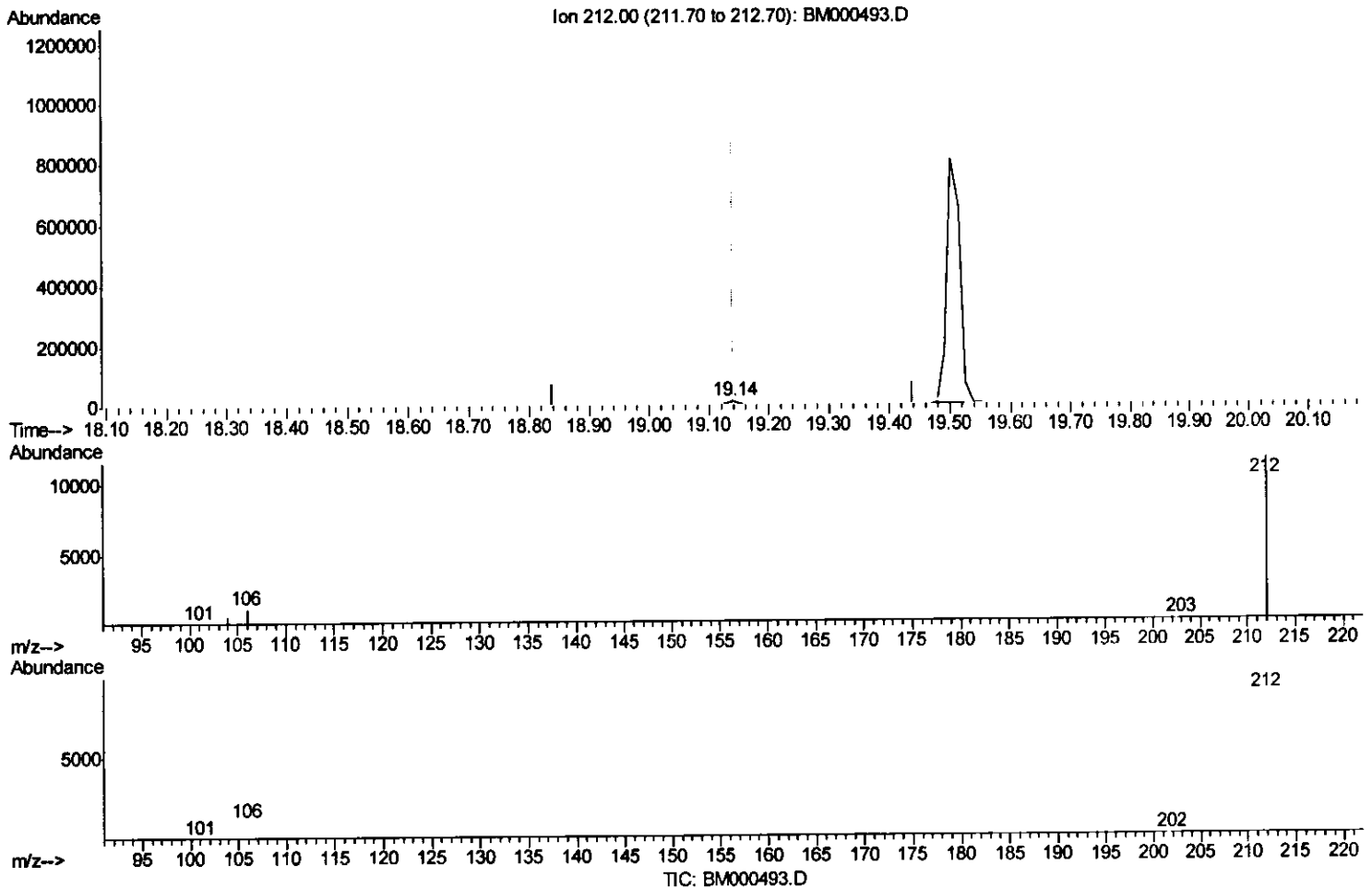
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FL7

Manual Integrations  
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Quant Time: Feb 12 02:13:28 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



(14) Fluoranthene-d10 (SURR)

19.139min (0.000) 0.44ng/ul m

response 15302

| Ion    | Exp%  | Act%     |
|--------|-------|----------|
| 212.00 | 100   | 100      |
| 106.00 | 11.50 | 1107.42# |
| 104.00 | 6.80  | 725.81#  |
| 0.00   | 0.00  | 0.00     |

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# Quantitation Report (Qedit)

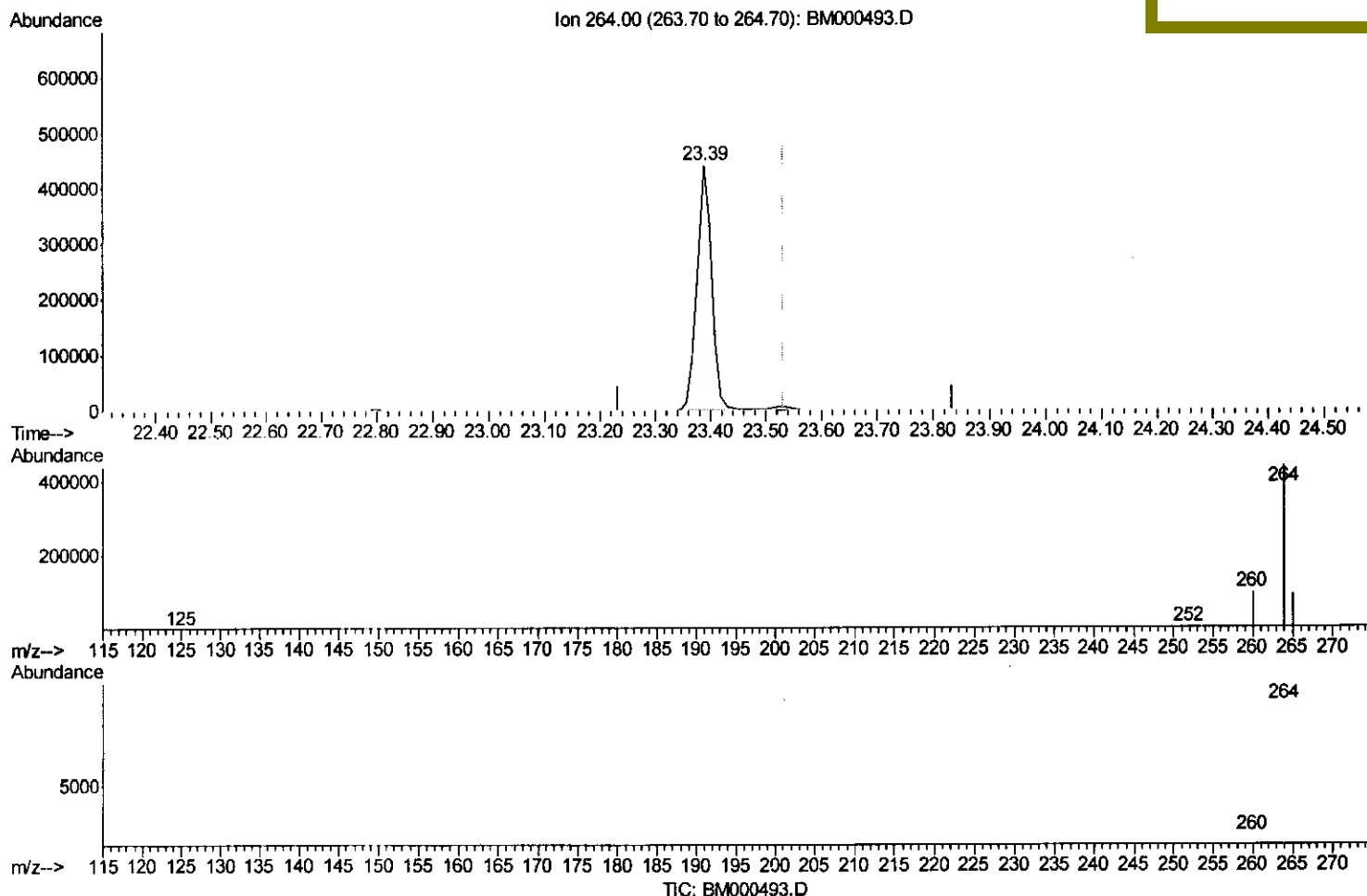
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FL7

Manual Integrations  
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Quant Time: Feb 12 02:13:28 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM01.2-EPA-SIM-BM021115.M  
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 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.387min (-0.146) 0.40ng/ul

response 822631

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 264.00 | 100   | 100    |
| 260.00 | 26.60 | 21.51  |
| 265.00 | 30.20 | 20.45# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

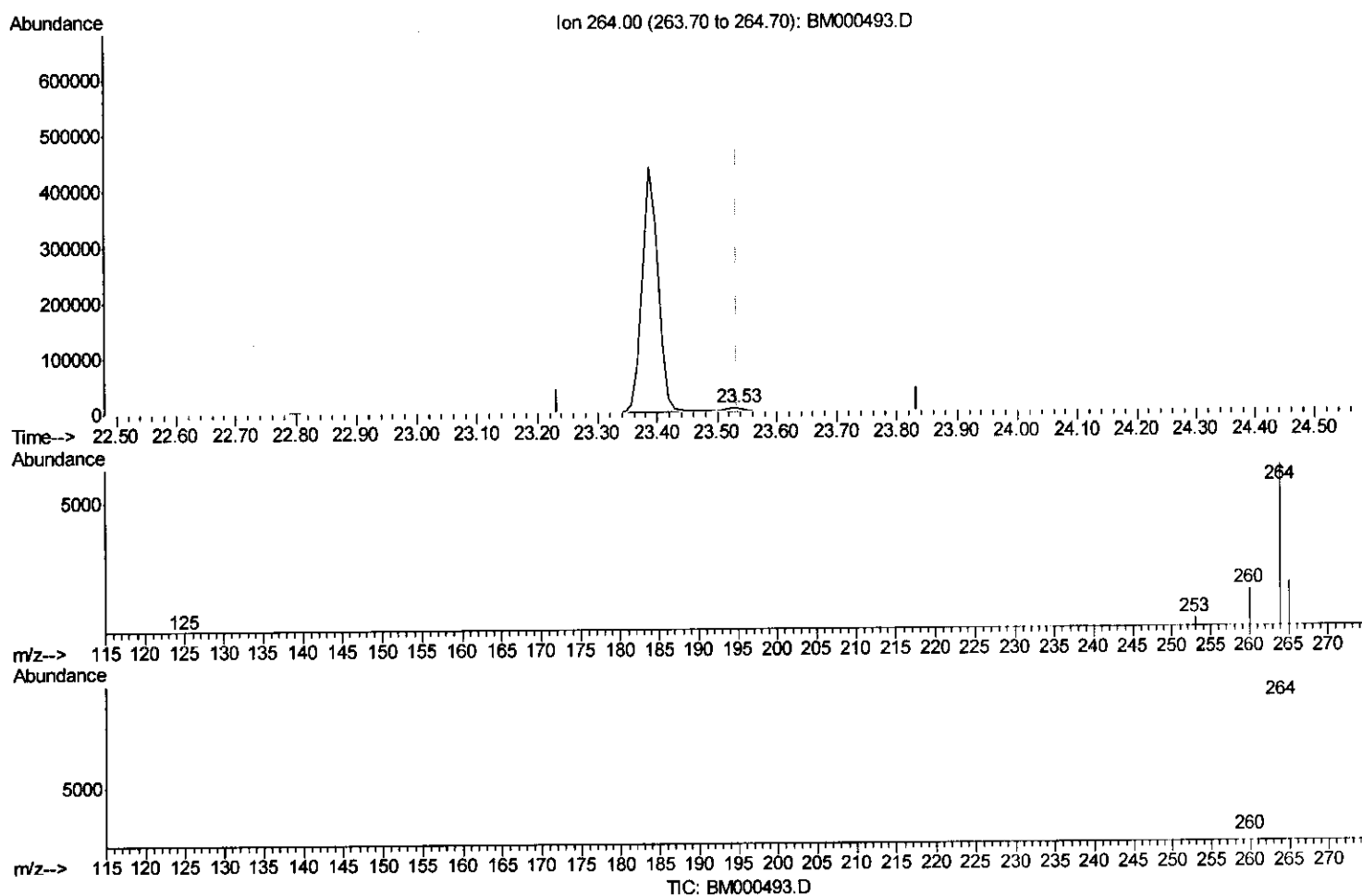
Data Path : Z:\HPCHEM1\BNA\_M\Data\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FL7

Manual Integrations  
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Quant Time: Feb 12 03:01:47 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



(20) Perylene-d12 (I)

23.533min (0.000) 0.40ng/ul m

response 11380

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 264.00 | 100   | 100   |
| 260.00 | 26.60 | 24.47 |
| 265.00 | 30.20 | 29.18 |
| 0.00   | 0.00  | 0.00  |

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 2/17/15

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM021115\  
 Data File : BM000493.D  
 Acq On : 12 Feb 2015 01:07  
 Operator : TP/IZ  
 Sample : G1249-09  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4FL7

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| Internal Standards          | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.72  | 152  | 3216     | 0.40 | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 10.50 | 136  | 11448    | 0.40 | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 14.37 | 164  | 7834     | 0.40 | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.10 | 188  | 15836m   | 0.40 | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.29 | 240  | 13388    | 0.40 | ng/ul  | -0.01    |
| 20) Perylene-d12            | 23.53 | 264  | 11380m   | 0.40 | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |      |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.10 | 152  | 7171     | 0.47 | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.14 | 212  | 15302m   | 0.44 | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |      |        |          |
|                             |       |      |          |      |        | Qvalue   |
| 3) Naphthalene              | 10.55 | 128  | 4558     | 0.16 | ng/ul# | 82       |
| 5) 2-Methylnaphthalene      | 12.17 | 142  | 370      | 0.02 | ng/ul  | 86       |
| 8) Acenaphthene             | 14.41 | 153  | 877      | 0.04 | ng/ul  | 94       |
| 9) Fluorene                 | 15.42 | 166  | 682m     | 0.02 | ng/ul  |          |
| 12) Phenanthrene            | 17.15 | 178  | 704m     | 0.02 | ng/ul  |          |

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

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