

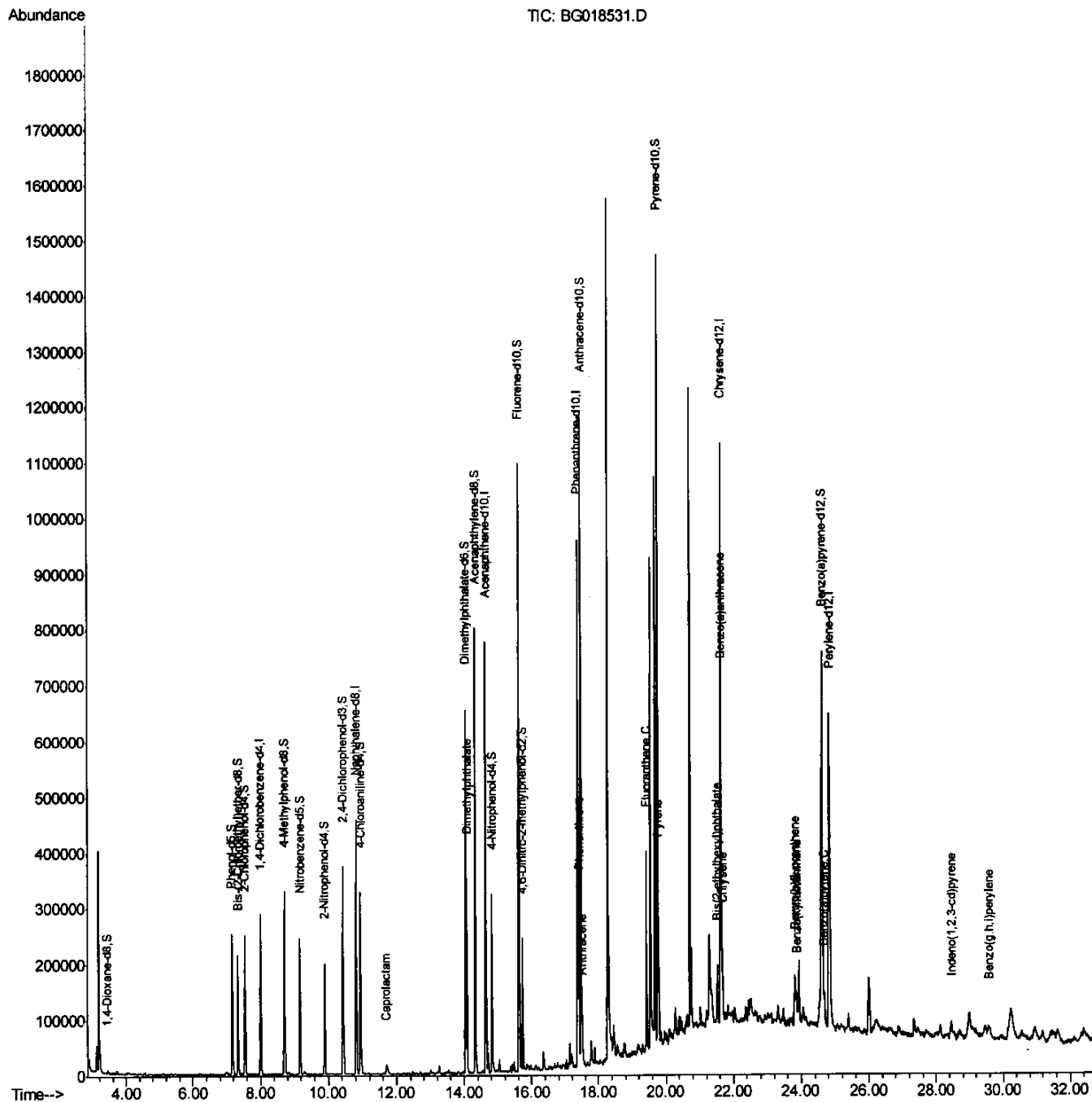
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
Data File : BG018531.D  
Acq On : 29 Aug 2015 2:41  
Operator : UM/MA  
Sample : G3448-08  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0AC7

Manual Integrations  
APPROVED

MMDadoda  
8/31/2015 1:48:04 PM

Quant Time: Aug 31 05:01:27 2015  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 31 03:29:45 2015  
Response via : Initial Calibration



# Quantitation Report (Qedit)

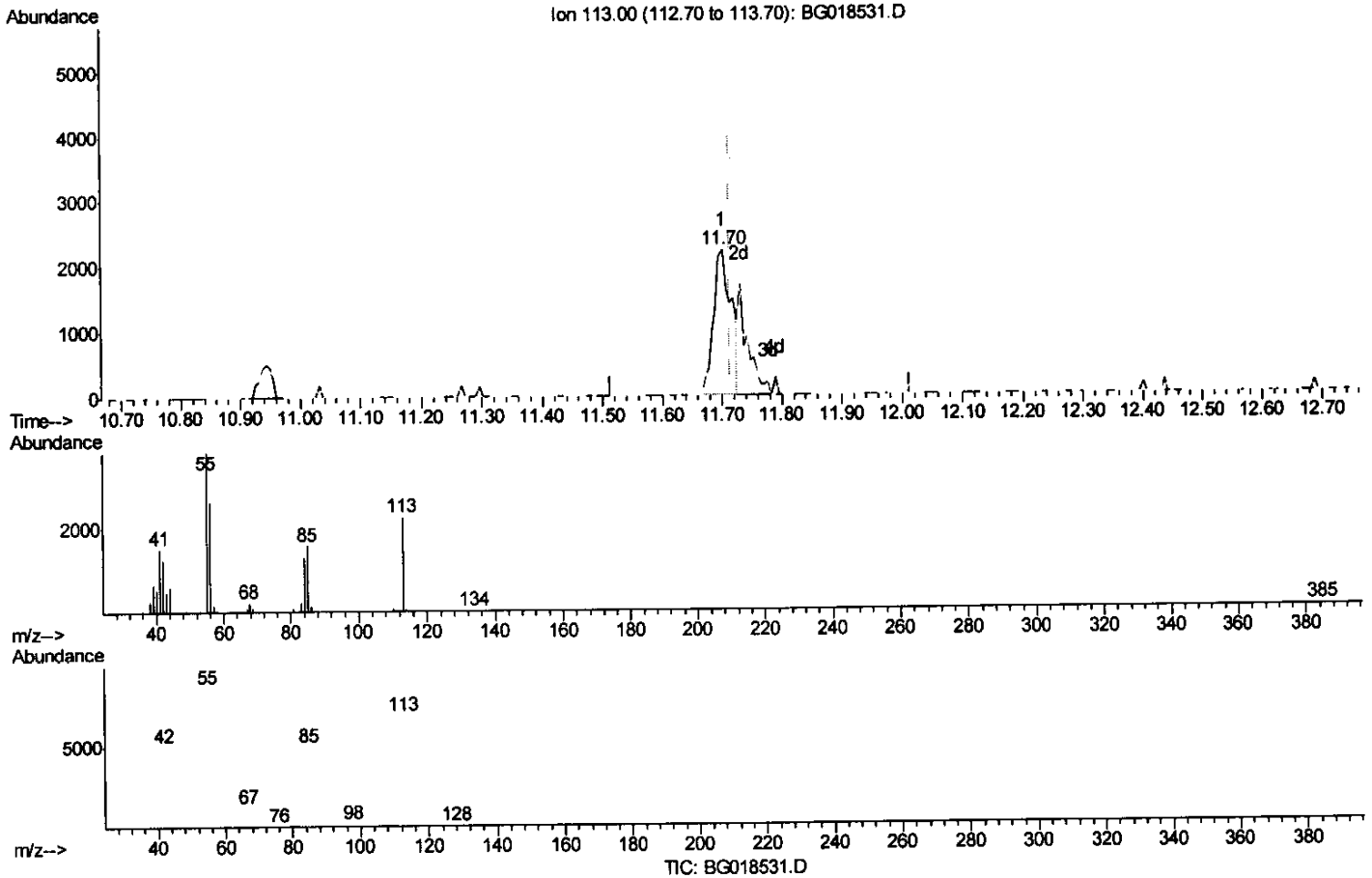
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
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(32) Caprolactam

11.701min (-0.012) 1.84ng/ul

response 4575

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 155.30 | 166.16 |
| 56.00  | 122.80 | 115.71 |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

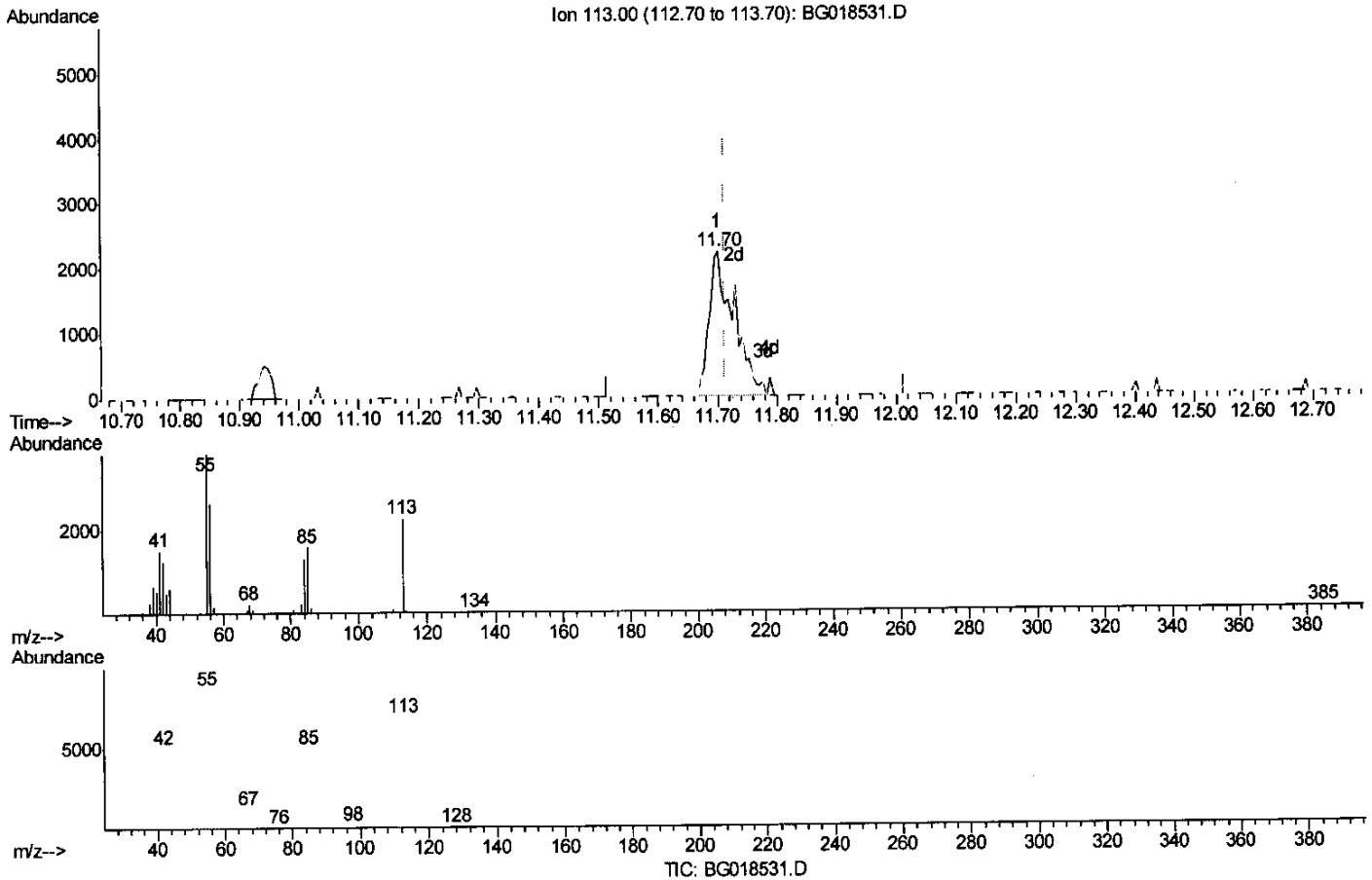
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
 Data File : BG018531.D  
 Acq On : 29 Aug 2015 2:41  
 Operator : UM/MA  
 Sample : G3448-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AC7

Manual Integrations  
 APPROVED

MMDadoda  
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 31 03:29:45 2015  
 Response via : Initial Calibration



(32) Caprolactam

11.701min (-0.012) 2.60ng/ul m

response 6448

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 155.30 | 166.16 |
| 56.00  | 122.80 | 115.71 |
| 0.00   | 0.00   | 0.00   |

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# Quantitation Report (Qedit)

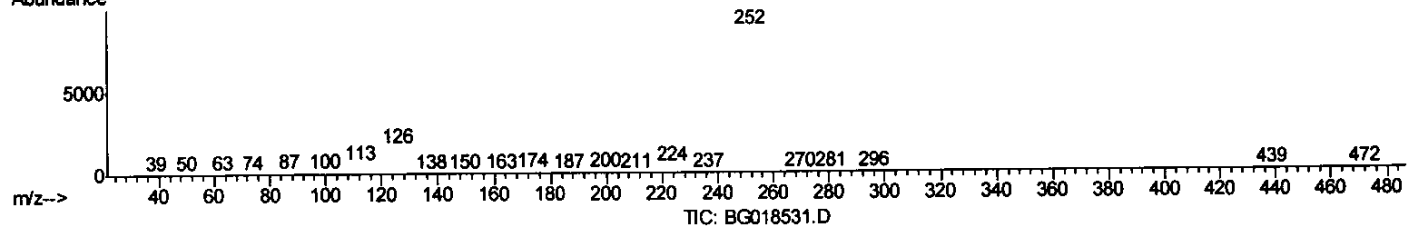
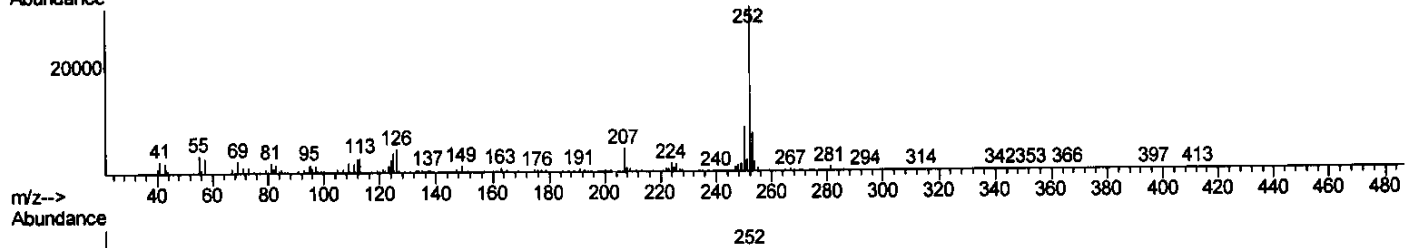
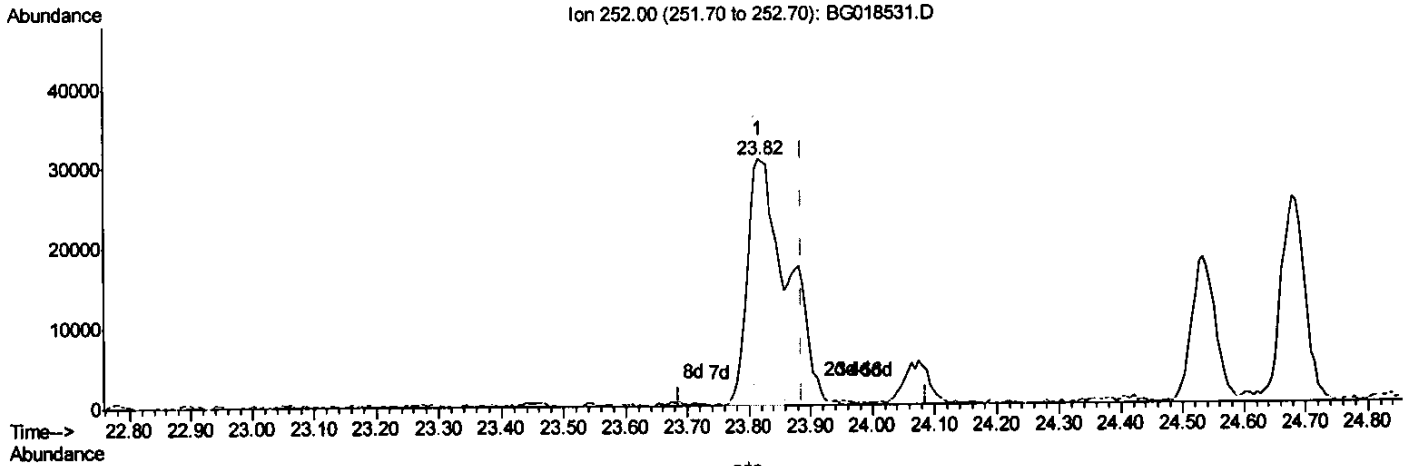
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
 Data File : BG018531.D  
 Acq On : 29 Aug 2015 2:41  
 Operator : UM/MA  
 Sample : G3448-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AC7

Manual Integrations  
 APPROVED

MMDadoda  
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Quant Time: Aug 31 03:28:53 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M  
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 QLast Update : Mon Aug 31 03:29:45 2015  
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene  
 23.816min (-0.071) 2.97ng/ui  
 response 100057  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.20 | 23.60 |
| 125.00 | 11.20 | 12.03 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

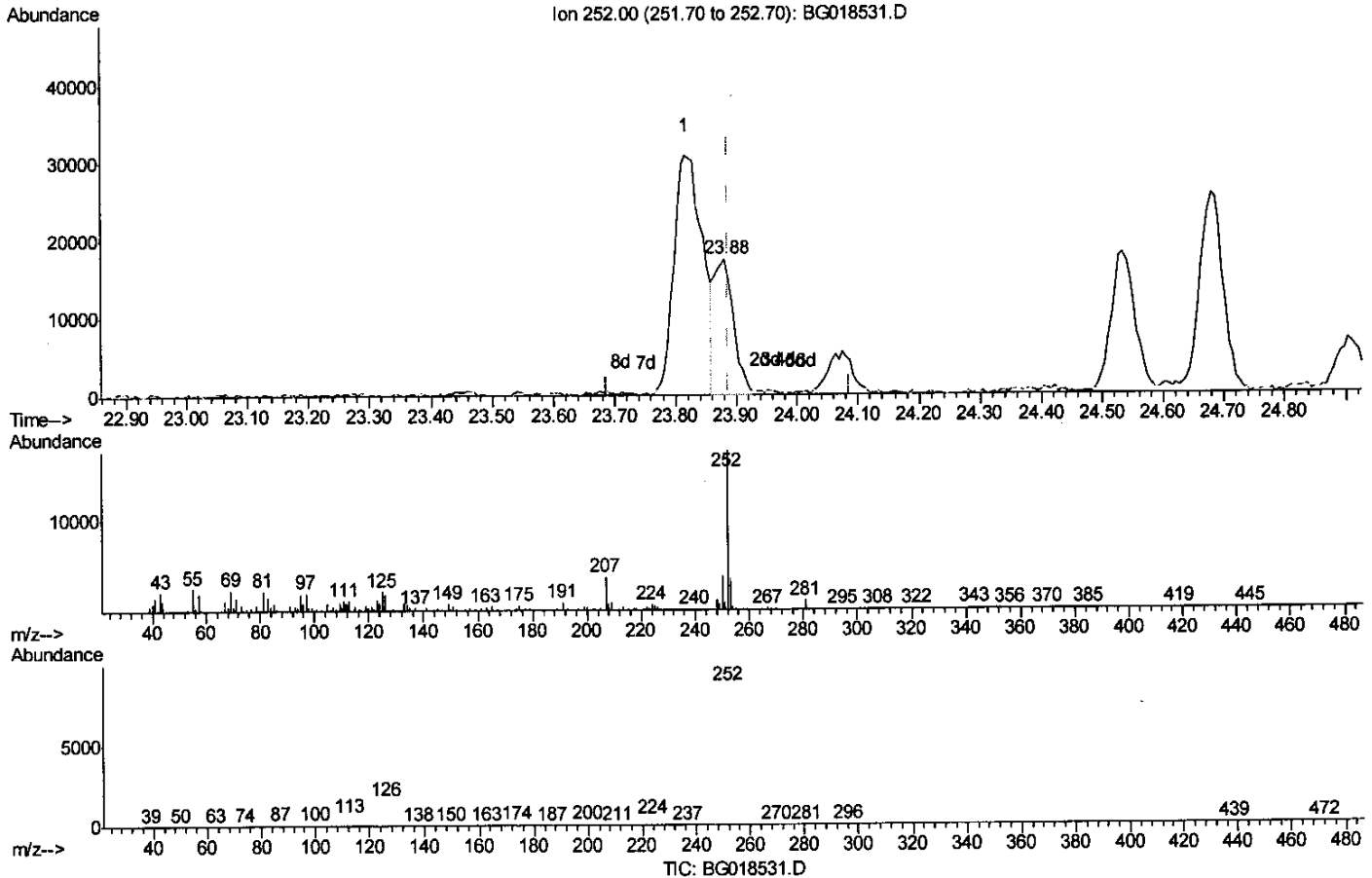
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
 Data File : BG018531.D  
 Acq On : 29 Aug 2015 2:41  
 Operator : UM/MA  
 Sample : G3448-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AC7

Manual Integrations  
 APPROVED

MMDadoda  
 8/31/2015 1:48:04 PM

Quant Time: Aug 31 03:28:53 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M  
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 QLast Update : Mon Aug 31 03:29:45 2015  
 Response via : Initial Calibration



(69) Benzo(k)fluoranthene  
 23.880min (-0.006) 1.15ng/ul m  
 response 38706  
 Ion Exp% Act%  
 252.00 100 100  
 253.00 22.20 20.72  
 125.00 11.20 12.82  
 0.00 0.00 0.00

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# Quantitation Report (Qedit)

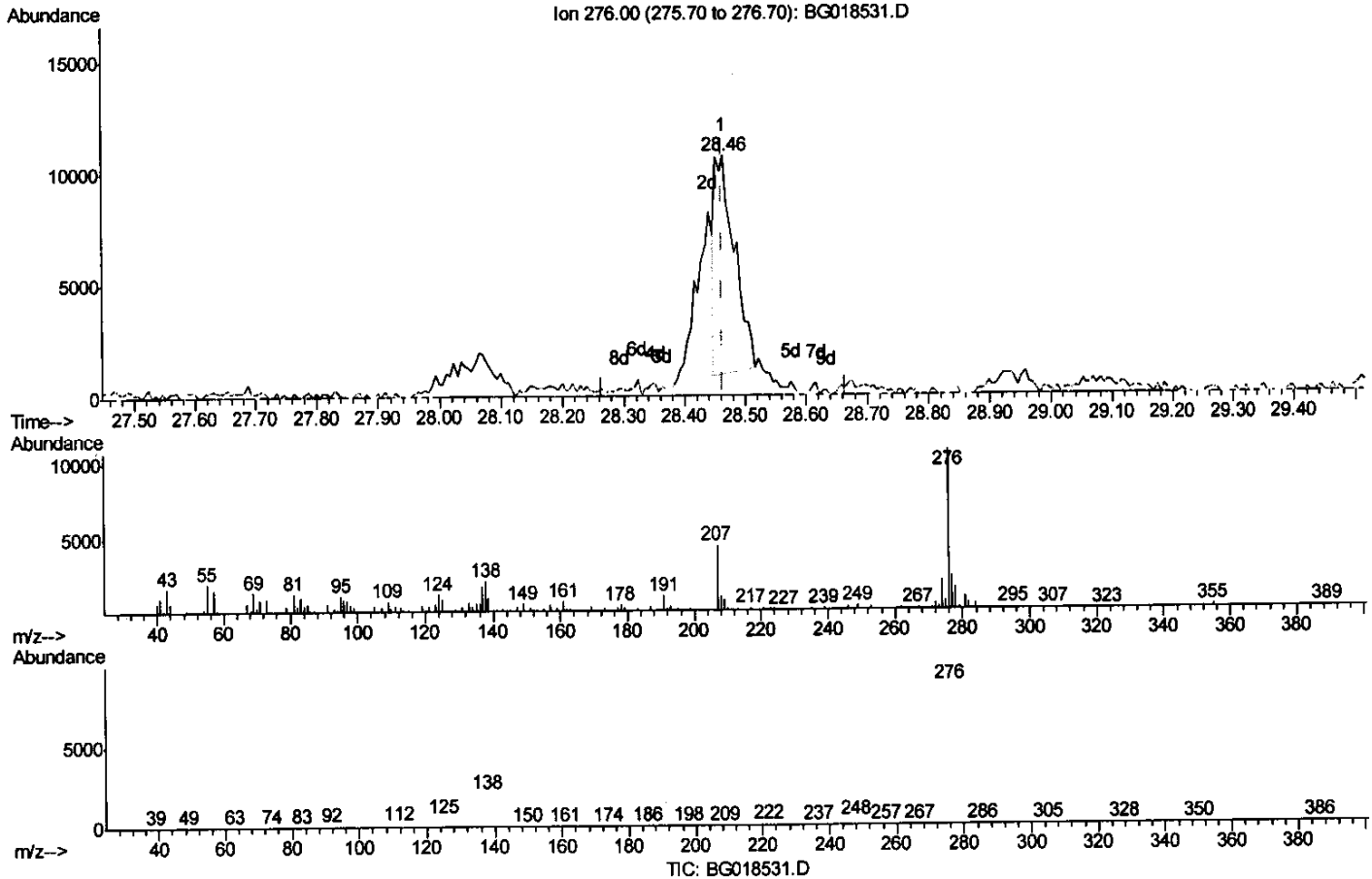
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
 Data File : BG018531.D  
 Acq On : 29 Aug 2015 2:41  
 Operator : UM/MA  
 Sample : G3448-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AC7

Manual Integrations  
 APPROVED

MMDadoda  
 8/31/2015 1:48:04 PM

Quant Time: Aug 31 03:28:53 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 31 03:29:45 2015  
 Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene

28.463min (-0.000) 0.58ng/ul

response 22213

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 276.00 | 100   | 100    |
| 138.00 | 19.70 | 29.45# |
| 277.00 | 23.60 | 22.35  |
| 0.00   | 0.00  | 0.00   |

## Quantitation Report (Qedit)

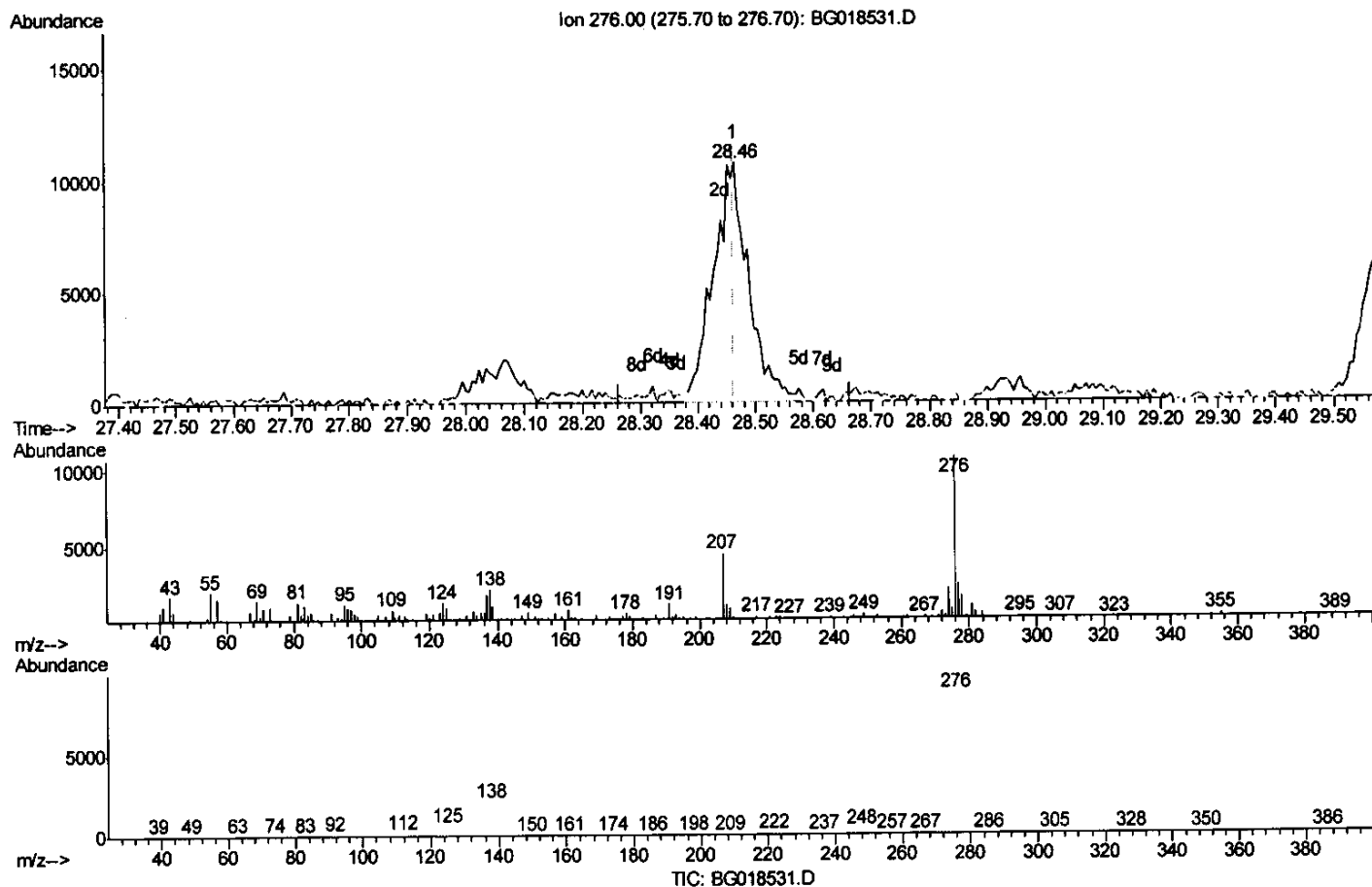
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
Data File : BG018531.D  
Acq On : 29 Aug 2015 2:41  
Operator : UM/MA  
Sample : G3448-08  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
C0AC7

Manual Integrations  
APPROVED

MMDadoda  
8/31/2015 1:48:04 PM

Quant Time: Aug 31 03:28:53 2015  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 31 03:29:45 2015  
Response via : Initial Calibration



(92) Indeno(1,2,3-cd)pyrene  
28.463min (-0.000) 1.19ng/ul m  
response 45628

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 19.70 | 20.08 |
| 277.00 | 23.60 | 22.35 |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

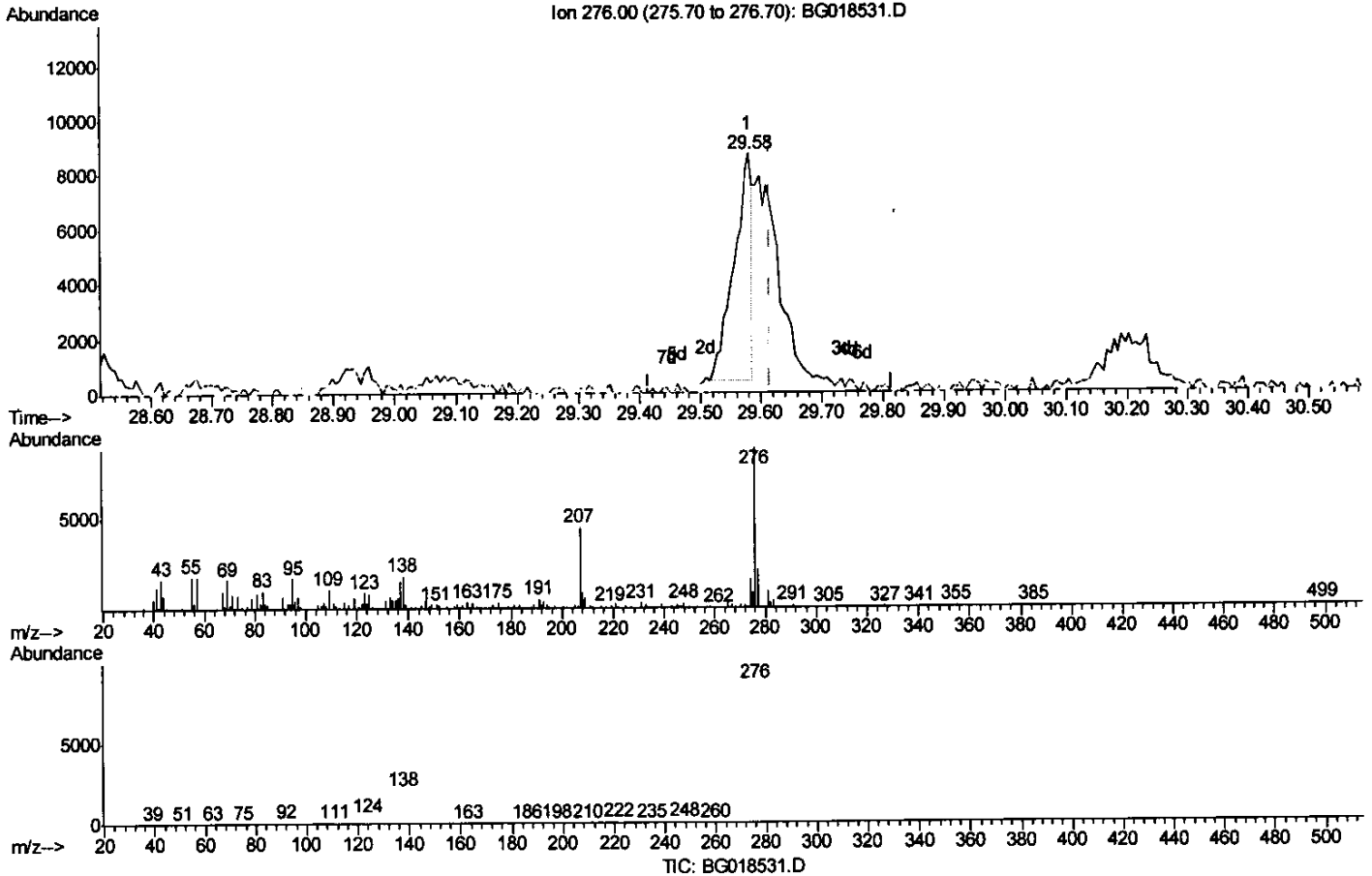
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
 Data File : BG018531.D  
 Acq On : 29 Aug 2015 2:41  
 Operator : UM/MA  
 Sample : G3448-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AC7

Manual Integrations  
 APPROVED

MMDadoda  
 8/31/2015 1:48:04 PM

Quant Time: Aug 31 03:28:53 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 31 03:29:45 2015  
 Response via : Initial Calibration



(94) Benzo(g,h,i)perylene

29.580min (-0.035) 0.54ng/ul

response 17295

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 20.60 | 21.47 |
| 277.00 | 23.80 | 25.56 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

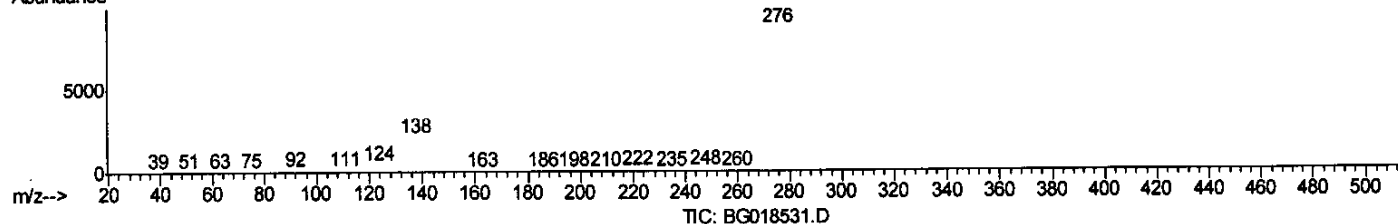
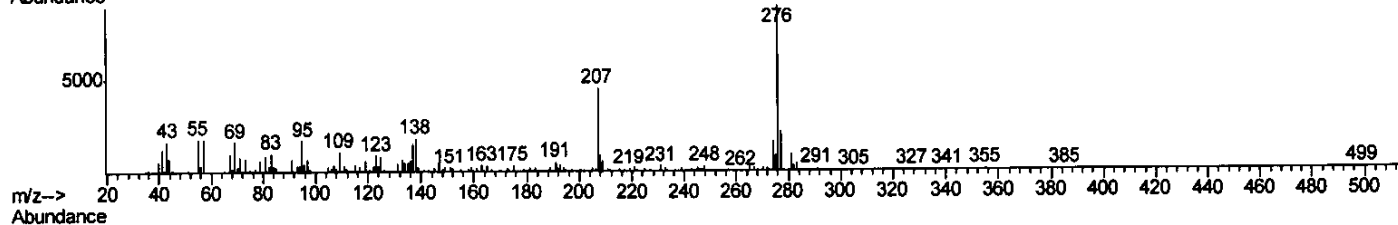
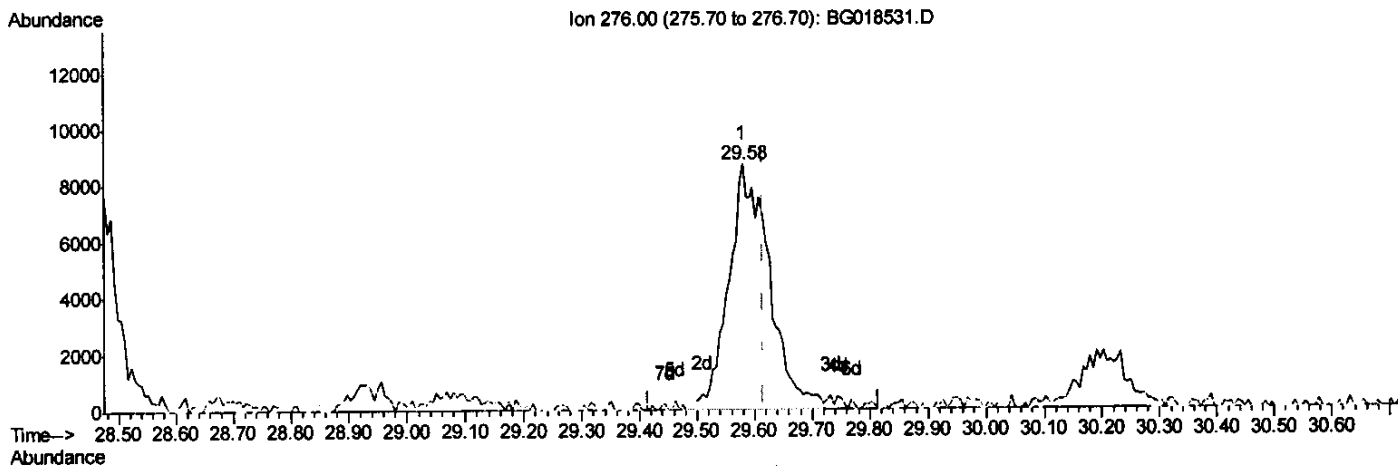
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
 Data File : BG018531.D  
 Acq On : 29 Aug 2015 2:41  
 Operator : UM/MA  
 Sample : G3448-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AC7

Manual Integrations  
 APPROVED

MMDadoda  
 8/31/2015 1:48:04 PM

Quant Time: Aug 31 03:28:53 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 31 03:29:45 2015  
 Response via : Initial Calibration



(94) Benzo(g,h,i)perylene  
 29.580min (-0.035) 1.35ng/ul m  
 response 43590  

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 276.00 | 100   | 100   |
| 138.00 | 20.60 | 21.47 |
| 277.00 | 23.80 | 25.56 |
| 0.00   | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

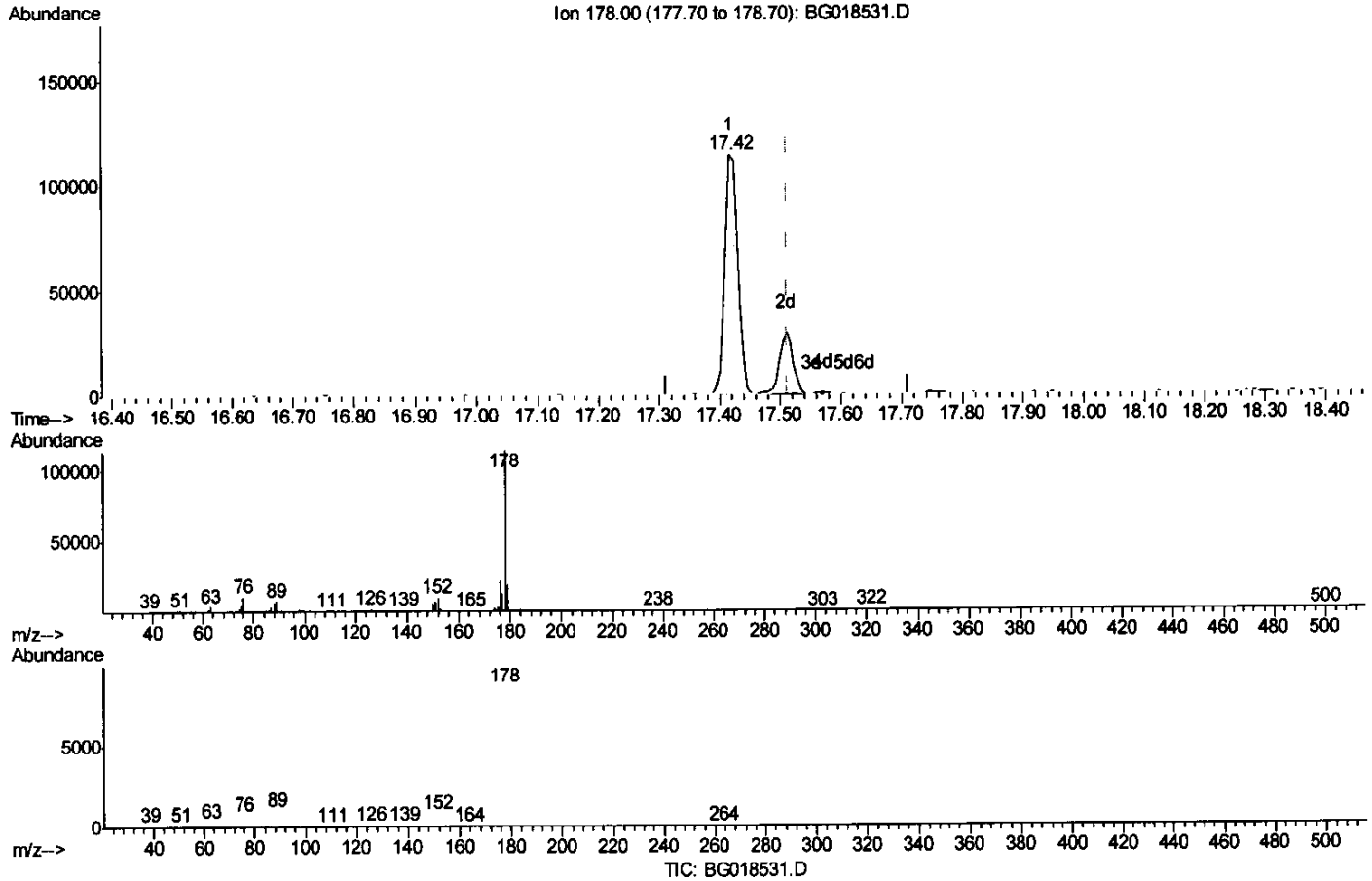
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
 Data File : BG018531.D  
 Acq On : 29 Aug 2015 2:41  
 Operator : UM/MA  
 Sample : G3448-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AC7

Manual Integrations  
 APPROVED

MMDadoda  
 8/31/2015 1:48:04 PM

Quant Time: Aug 31 05:00:01 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 31 03:29:45 2015  
 Response via : Initial Calibration



(72) Anthracene

17.417min (-0.094) 5.34ng/ul

response 172300

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 16.20 | 16.36 |
| 176.00 | 20.00 | 19.59 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

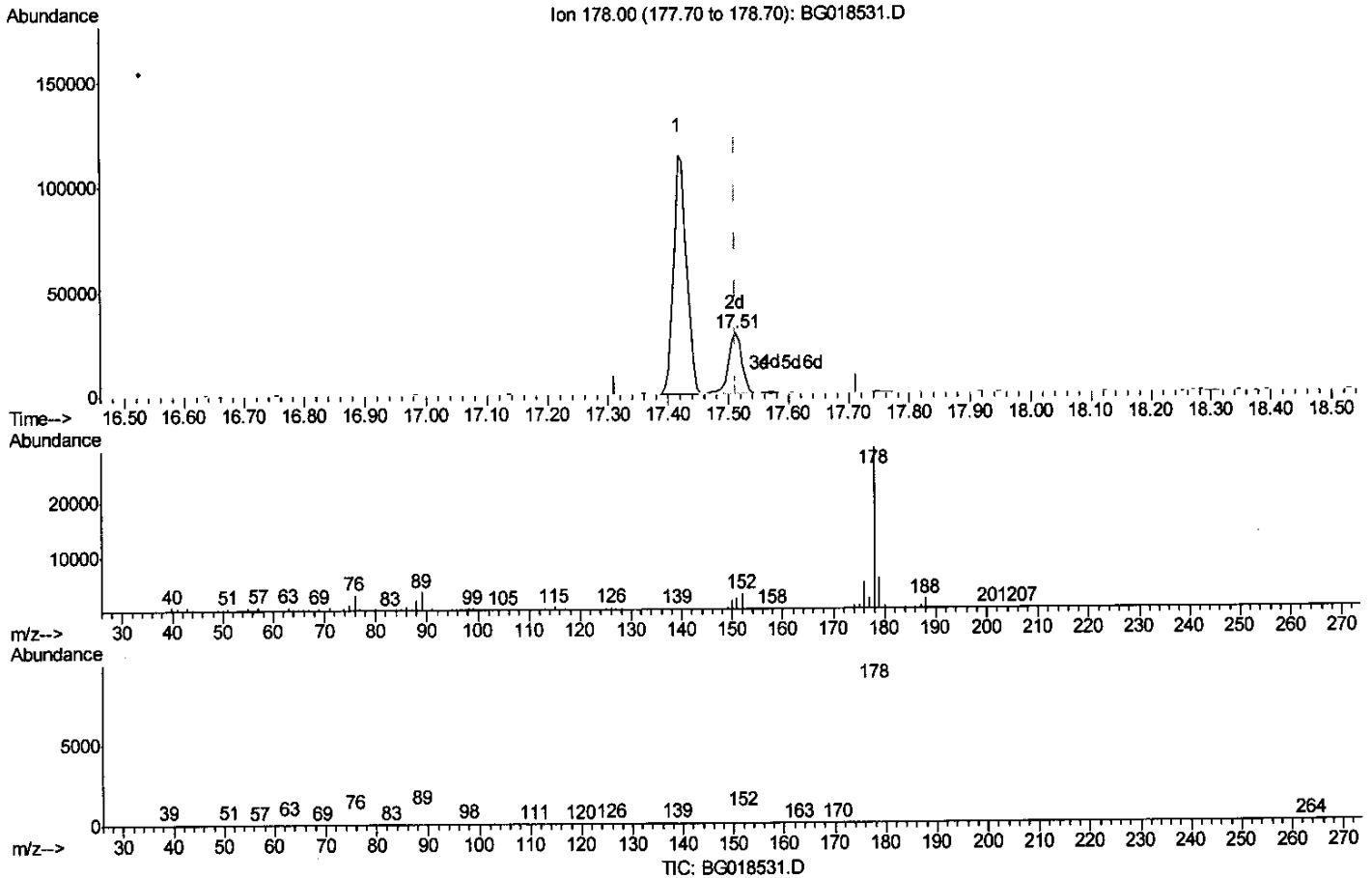
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
 Data File : BG018531.D  
 Acq On : 29 Aug 2015 2:41  
 Operator : UM/MA  
 Sample : G3448-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AC7

Manual Integrations  
 APPROVED

MMDadoda  
 8/31/2015 1:48:04 PM

Quant Time: Aug 31 05:00:01 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 31 03:29:45 2015  
 Response via : Initial Calibration



(72) Anthracene

17.511min (-0.000) 1.42ng/ul m

response 45861

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 16.20 | 19.53# |
| 176.00 | 20.00 | 16.58  |
| 0.00   | 0.00  | 0.00   |

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 09/01/15

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082815\  
 Data File : BG018531.D  
 Acq On : 29 Aug 2015 2:41  
 Operator : UM/MA  
 Sample : G3448-08  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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 8/31/2015 1:48:04 PM

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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.01  | 152  | 81708    | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.81 | 136  | 390433   | 20.00 | ng/ul  | 0.00     |
| 36) Acenaphthene-d10           | 14.64 | 164  | 250063   | 20.00 | ng/ul  | 0.00     |
| 62) Phenanthrene-d10           | 17.38 | 188  | 583976   | 20.00 | ng/ul  | 0.00     |
| 78) Chrysene-d12               | 21.64 | 240  | 565213   | 20.00 | ng/ul  | 0.00     |
| 86) Perylene-d12               | 24.83 | 264  | 556154   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8              | 3.45  | 96   | 3331     | 1.80  | ng/ul  | 0.00     |
| 5) Phenol-d5                   | 7.16  | 99   | 167292   | 22.56 | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.34  | 67   | 98232    | 21.38 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.54  | 132  | 120471   | 21.21 | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.71  | 113  | 139757   | 22.43 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 9.17  | 128  | 67755    | 22.26 | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.89  | 143  | 68664    | 22.15 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.43 | 165  | 151742   | 23.07 | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.94 | 131  | 177073   | 23.82 | ng/ul  | 0.00     |
| 44) Dimethylphthalate-d6       | 14.04 | 166  | 466249   | 22.16 | ng/ul  | 0.00     |
| 47) Acenaphthylene-d8          | 14.33 | 160  | 607206   | 22.92 | ng/ul  | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.82 | 143  | 83629    | 22.10 | ng/ul  | 0.00     |
| 58) Fluorene-d10               | 15.63 | 176  | 433869   | 23.68 | ng/ul  | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.74 | 200  | 49022    | 17.07 | ng/ul  | 0.00     |
| 71) Anthracene-d10             | 17.48 | 188  | 659316   | 23.61 | ng/ul  | 0.00     |
| 79) Pyrene-d10                 | 19.76 | 212  | 663737   | 22.63 | ng/ul  | 0.00     |
| 90) Benzo(a)pyrene-d12         | 24.61 | 264  | 687628   | 23.29 | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |       |        |          |
| 32) Caprolactam                | 11.70 | 113  | 6448m    | 2.60  | ng/ul  |          |
| 45) Dimethylphthalate          | 14.09 | 163  | 224418   | 10.81 | ng/ul  | 99       |
| 70) Phenanthrene               | 17.42 | 178  | 172300   | 5.44  | ng/ul  | 98       |
| 72) Anthracene                 | 17.51 | 178  | 45861m   | 1.42  | ng/ul  |          |
| 77) Fluoranthene               | 19.43 | 202  | 209278   | 6.18  | ng/ul  | 96       |
| 80) Pyrene                     | 19.79 | 202  | 165928   | 4.34  | ng/ul  | 95       |
| 83) Benzo(a)anthracene         | 21.62 | 228  | 94525    | 2.70  | ng/ul  | 94       |
| 84) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 41567    | 1.82  | ng/ul# | 93       |
| 85) Chrysene                   | 21.68 | 228  | 88879    | 2.71  | ng/ul  | 96       |
| 88) Benzo(b)fluoranthene       | 23.82 | 252  | 100057   | 2.86  | ng/ul  | 97       |
| 89) Benzo(k)fluoranthene       | 23.88 | 252  | 38706m   | 1.15  | ng/ul  |          |
| 91) Benzo(a)pyrene             | 24.68 | 252  | 68788    | 2.07  | ng/ul  | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.46 | 276  | 45628m   | 1.19  | ng/ul  |          |
| 94) Benzo(a,h,i)perylene       | 29.58 | 276  | 43590m   | 1.35  | ng/ul  |          |

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