

# Quantitation Report (QT Reviewed)

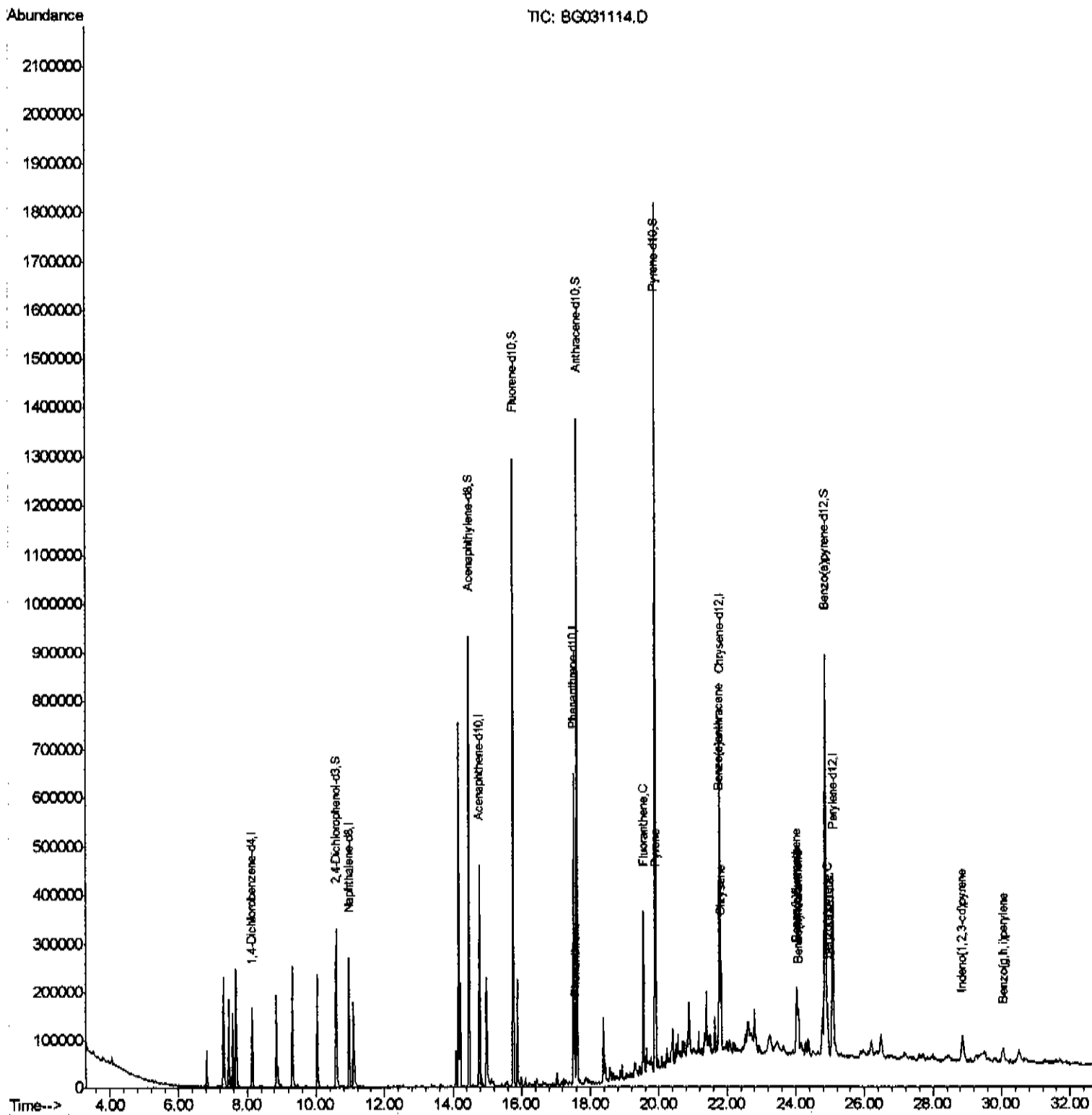
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111717\  
 Data File : BG031114.D  
 Acq On : 18 Nov 2017 11:28  
 Operator : SJ/JU  
 Sample : I6431-16  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 B0FR9

Manual Integrations  
 APPROVED

SOHIL  
 11/20/2017 4:45:59 PM

Quant Time: Nov 20 03:09:13 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111617-PAH.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Nov 18 01:20:34 2017  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

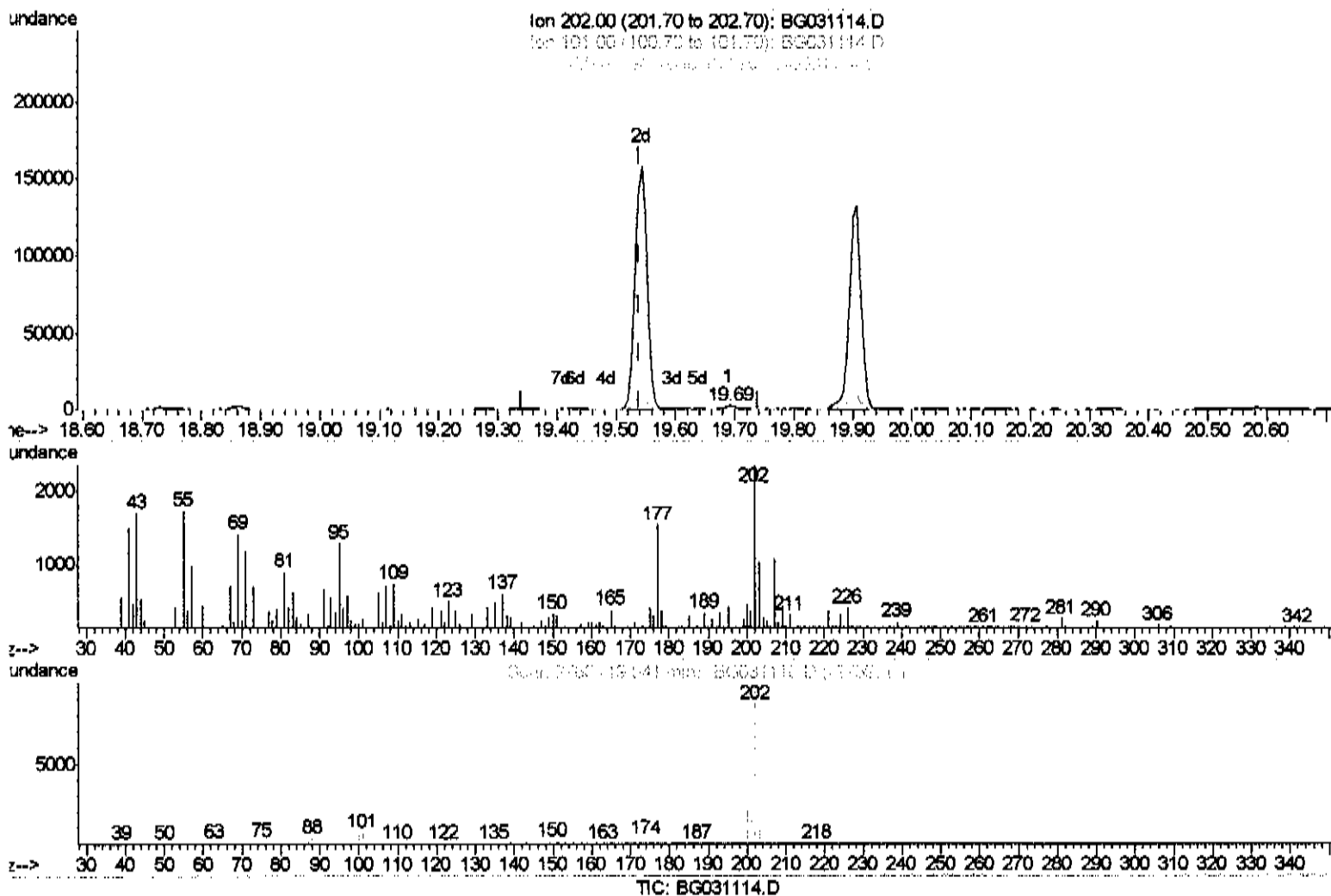
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111717\  
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(17) Fluoranthene (C)

19.689min (+0.150) 0.10ng/ul

response 3020

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.30 | 11.90 |
| 100.00 | 9.40  | 8.70  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

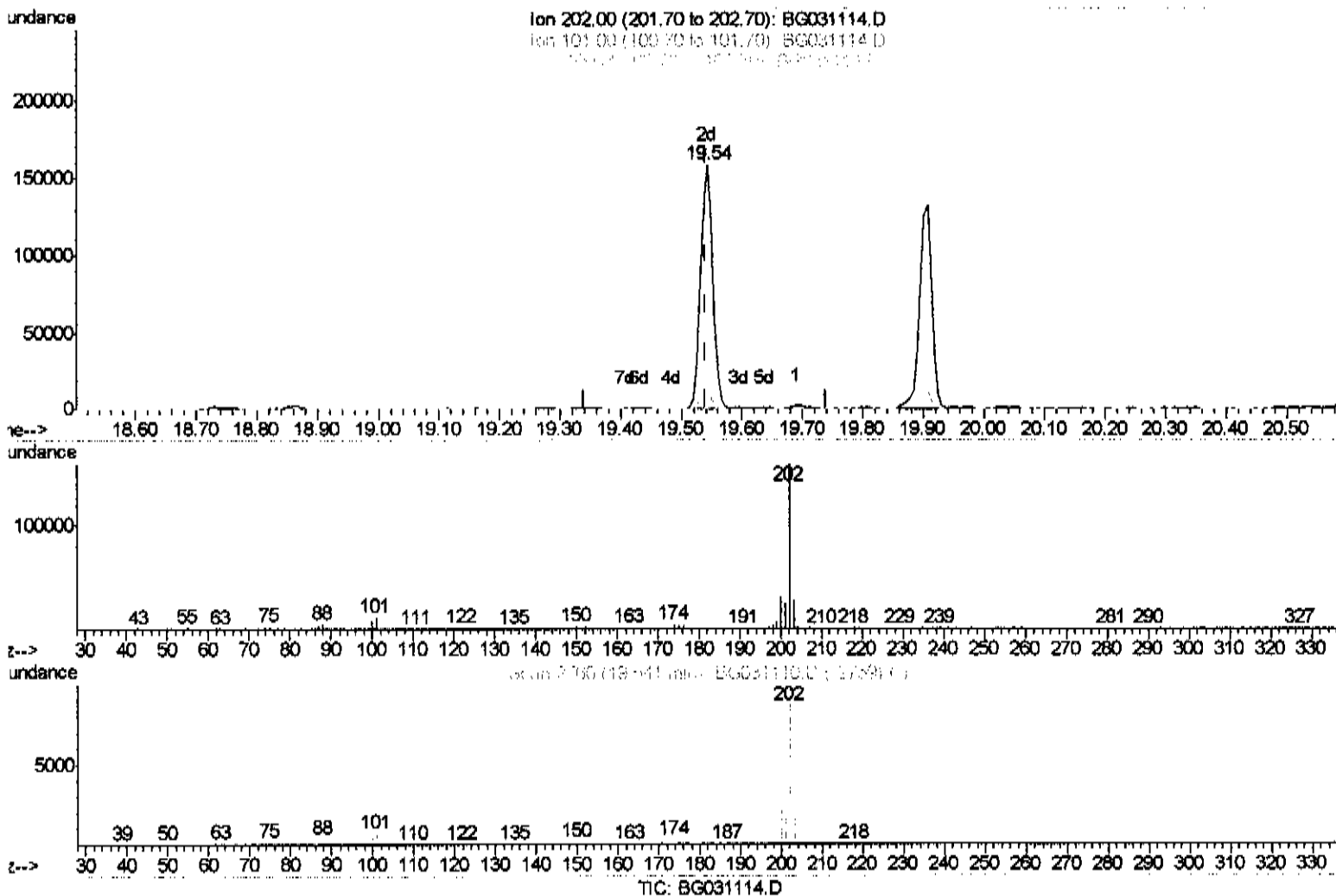
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111717\  
 Data File : BG031114.D  
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 Operator : SJ/JU  
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(17) Fluoranthene (C)

19.543min (+0.003) 7.14ng/ul m 34 11/21/12

response 221079

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.30 | 6.98# |
| 100.00 | 9.40  | 5.49# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

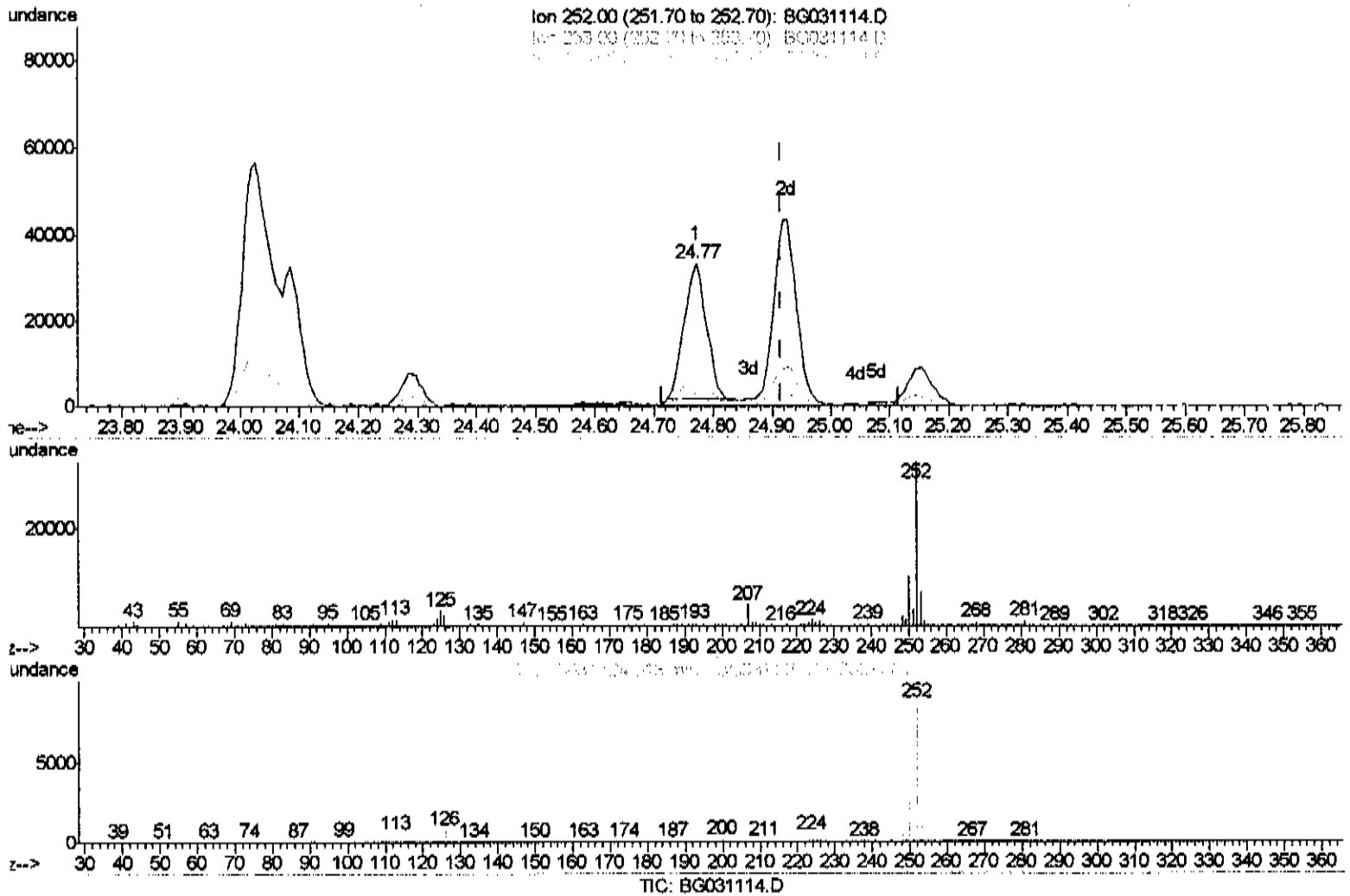
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111717\  
 Data File : BG031114.D  
 Acq On : 18 Nov 2017 11:28  
 Operator : SJ/JU  
 Sample : I6431-16  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 B0FR9

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(27) Benzo(a)pyrene (C)

24.772min (-0.144) 3.33ng/ul

response 83022

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.40 | 20.68 |
| 125.00 | 11.80 | 9.81  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

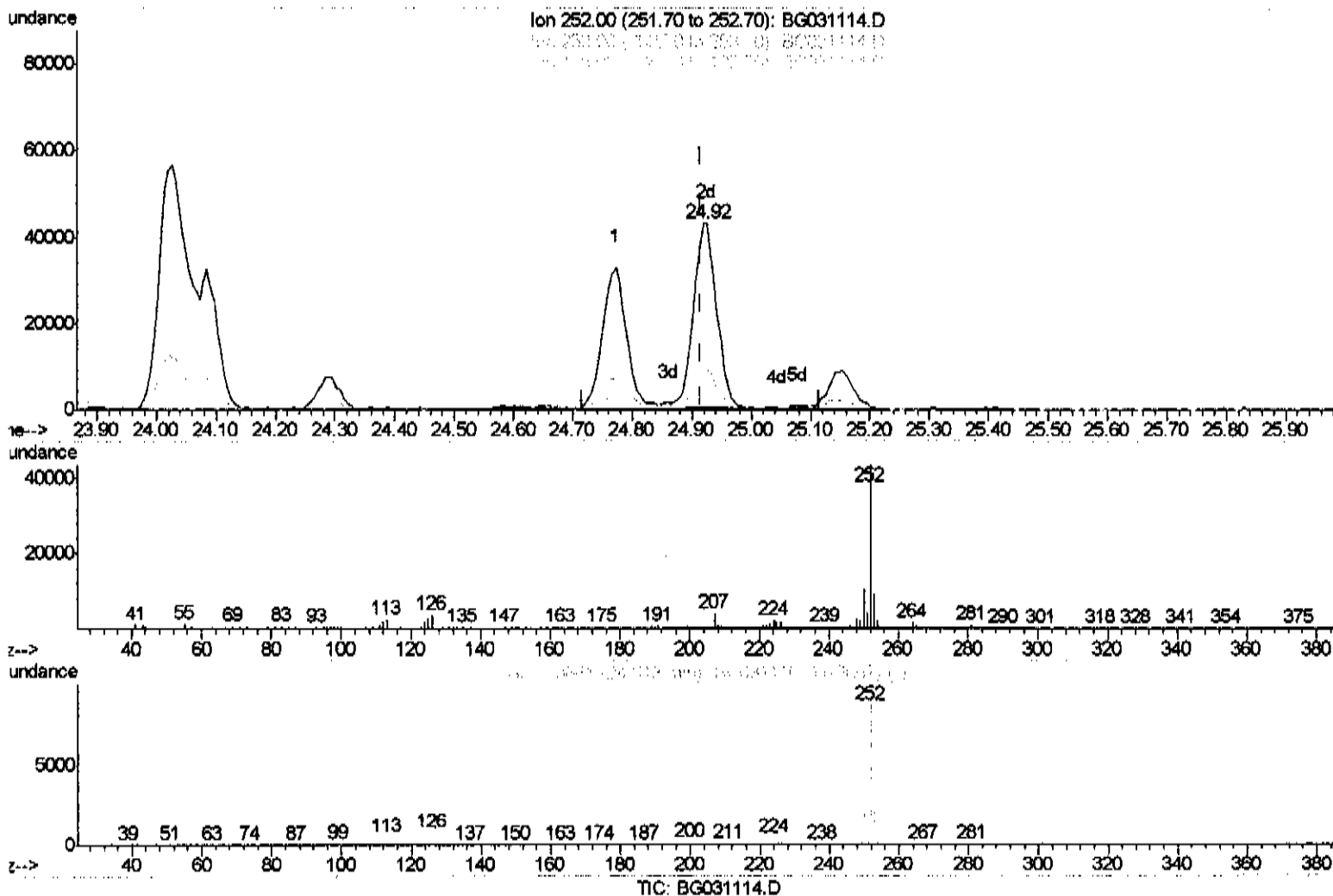
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG111717\  
 Data File : BG031114.D  
 Acq On : 18 Nov 2017 11:28  
 Operator : SJ/JU  
 Sample : I6431-16  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 B0FR9

Manual Integrations  
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(27) Benzo(a)pyrene (C)

24.924min (+0.009) 4.55ng/ul m

response 113551

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.40 | 21.09 |
| 125.00 | 11.80 | 6.38# |
| 0.00   | 0.00  | 0.00  |

*Handwritten signature:* JU 11/21/17

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 Sample : I6431-16  
 Disc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.14  | 152  | 49026    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 10.95 | 136  | 232988   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.76 | 164  | 165844   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.50 | 188  | 414702   | 20.00 | ng/ul | 0.00     |
| 18) Chrysene-d12          | 21.78 | 240  | 435763   | 20.00 | ng/ul | 0.00     |
| 23) Perylene-d12          | 25.07 | 264  | 430951   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 3) 2,4-Dichlorophenol-d3    | 10.58 | 165  | 159864   | 36.36 | ng/uL | 0.00     |
| 7) Acenaphthylene-d8        | 14.45 | 160  | 719827   | 41.74 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.75 | 176  | 550370   | 39.73 | ng/ul | 0.00     |
| 15) Anthracene-d10          | 17.60 | 188  | 857471   | 41.31 | ng/ul | 0.00     |
| 19) Pyrene-d10              | 19.88 | 212  | 984191   | 49.44 | ng/ul | 0.00     |
| 26) Benzo(a)pyrene-d12      | 24.85 | 264  | 940492   | 44.11 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|----------------------------|-------|------|----------|------|--------|--------|
| 14) Phenanthrene           | 17.54 | 178  | 57474    | 2.58 | ng/ul  | 99     |
| 17) Fluoranthene           | 19.54 | 202  | 221079m> | 7.14 | ng/ul  | 99     |
| 20) Pyrene                 | 19.91 | 202  | 188583   | 8.15 | ng/ul# | 86     |
| 21) Benzo(a)anthracene     | 21.75 | 228  | 102753   | 3.87 | ng/ul  | 97     |
| 22) Chrysene               | 21.82 | 228  | 144068   | 5.71 | ng/ul  | 97     |
| 24) Benzo(b)fluoranthene   | 24.03 | 252  | 195734   | 7.52 | ng/ul# | 96     |
| 25) Benzo(k)fluoranthene   | 24.08 | 252  | 57662    | 2.25 | ng/ul# | 96     |
| 27) Benzo(a)pyrene         | 24.92 | 252  | 113551m> | 4.55 | ng/ul  | 99     |
| 28) Indeno(1,2,3-cd)pyrene | 28.85 | 276  | 85627    | 3.01 | ng/ul# | 90     |
| 30) Benzo(g,h,i)perylene   | 30.05 | 276  | 62663    | 2.65 | ng/ul# | 92     |

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