

# Quantitation Report (QT Reviewed)

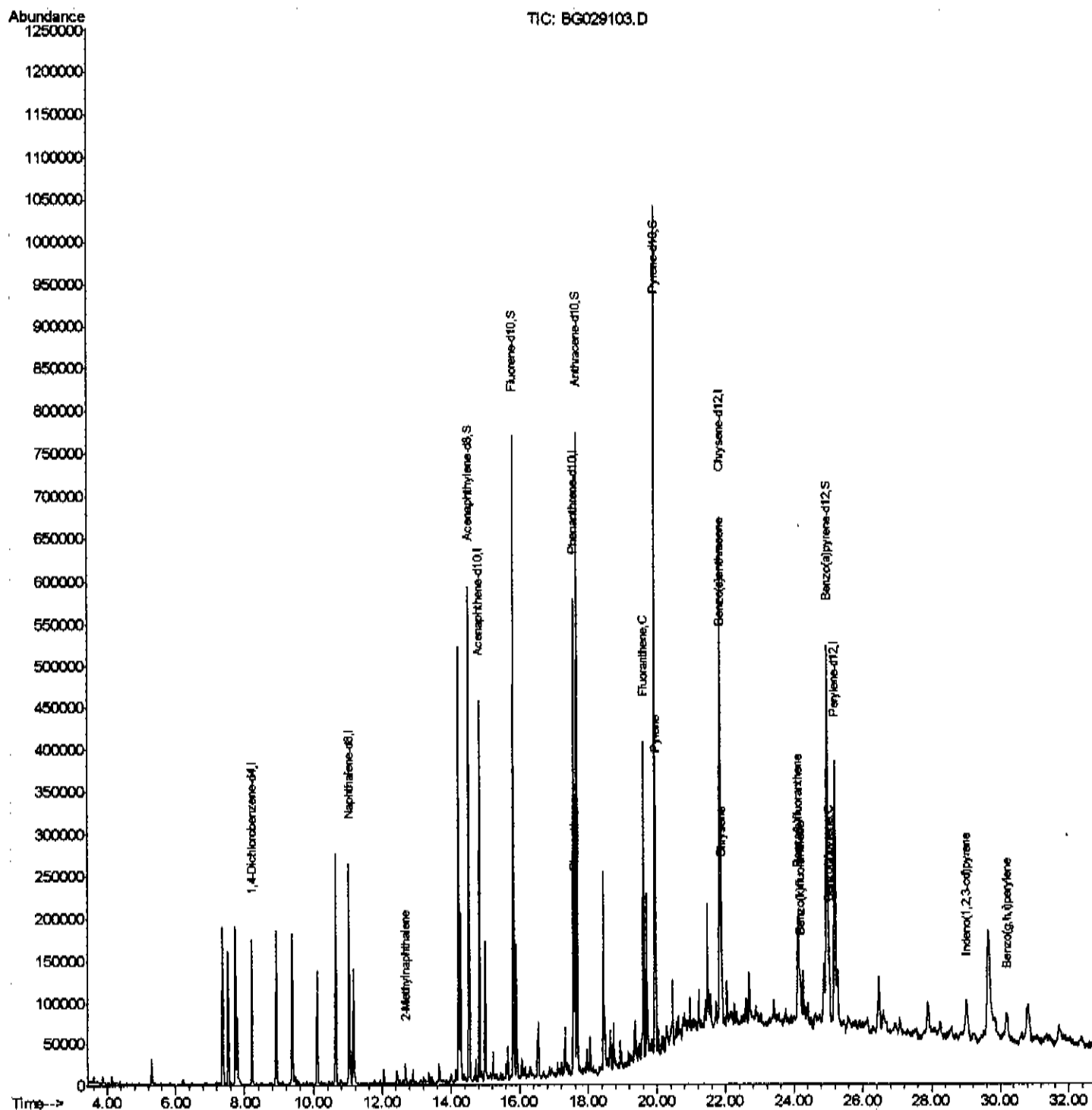
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\  
 Data File : BG029103.D  
 Acq On : 9 Oct 2017 12:00  
 Operator : SJ/JU  
 Sample : I5577-08  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 DAH80

Manual Integrations  
 APPROVED

Sohil  
 10/10/2017 5:03:21 PM

Quant Time: Oct 10 04:55:16 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 10 04:45:55 2017  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

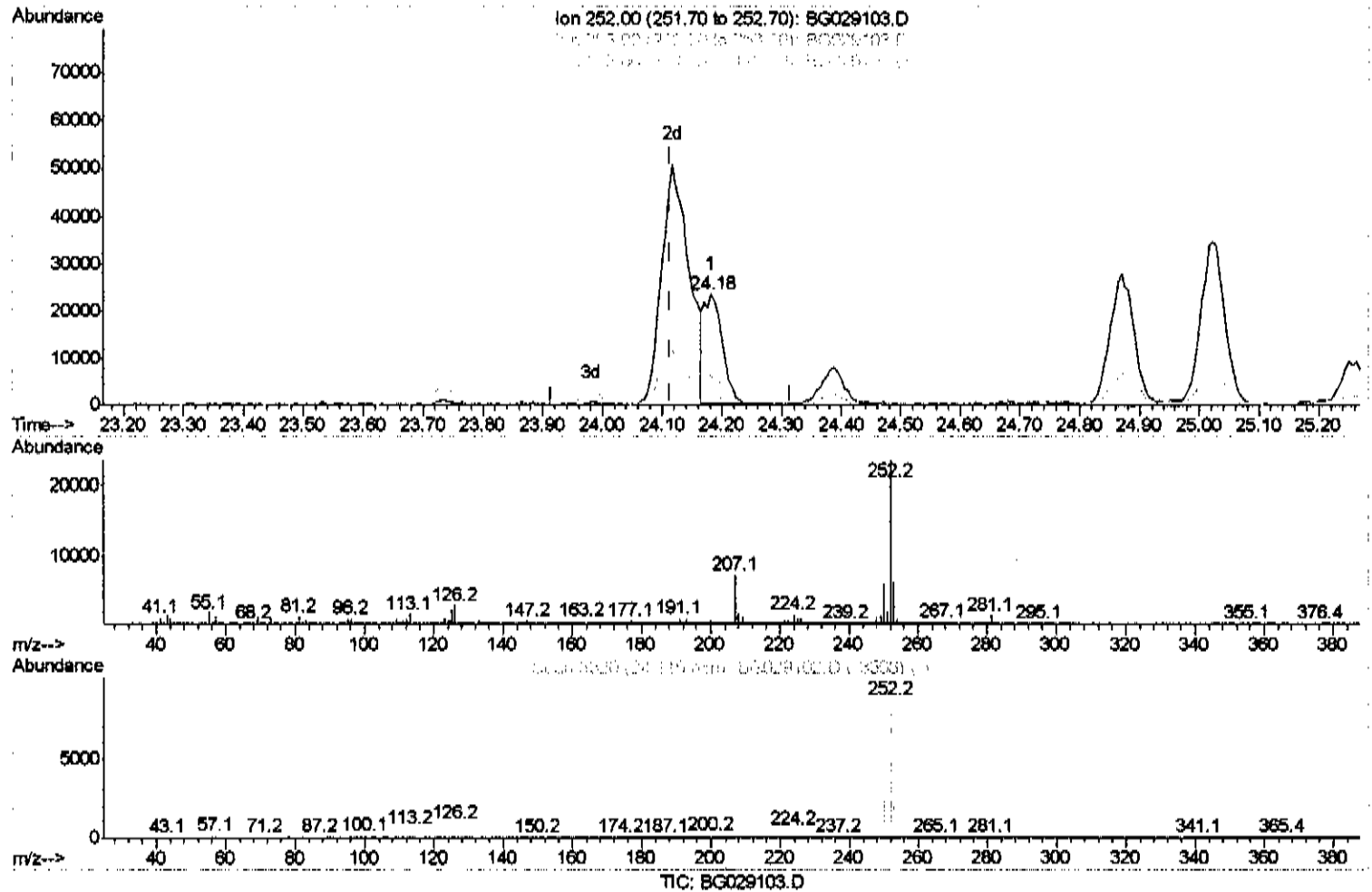
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\  
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Quant Time: Oct 10 04:46:32 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M  
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 Response via : Initial Calibration



(23) Benzo(b)fluoranthene

24.182min (+0.067) 2.34ng/ul

response 49076

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.50 | 26.23 |
| 125.00 | 10.00 | 9.27  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

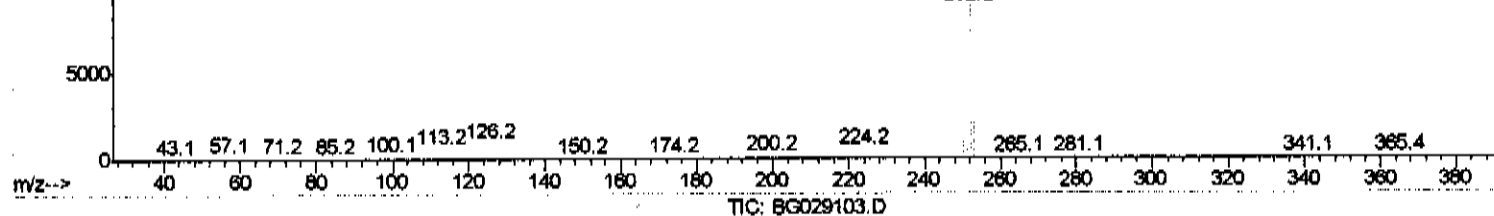
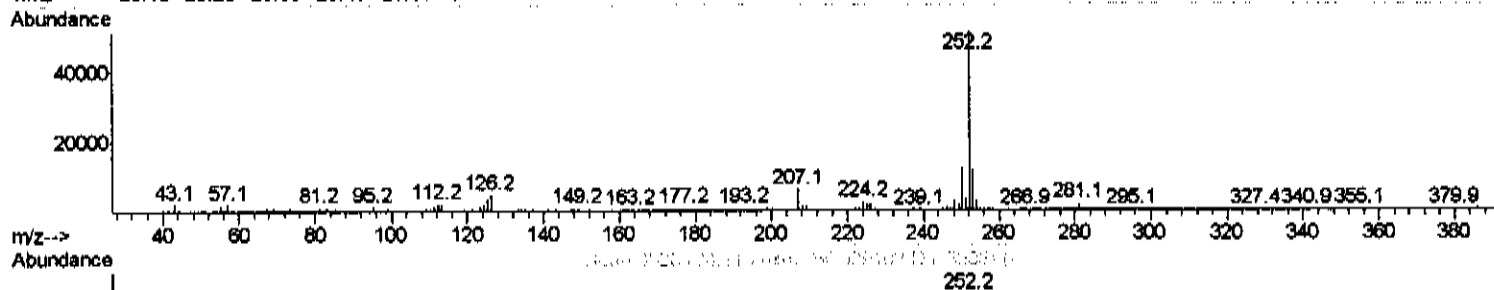
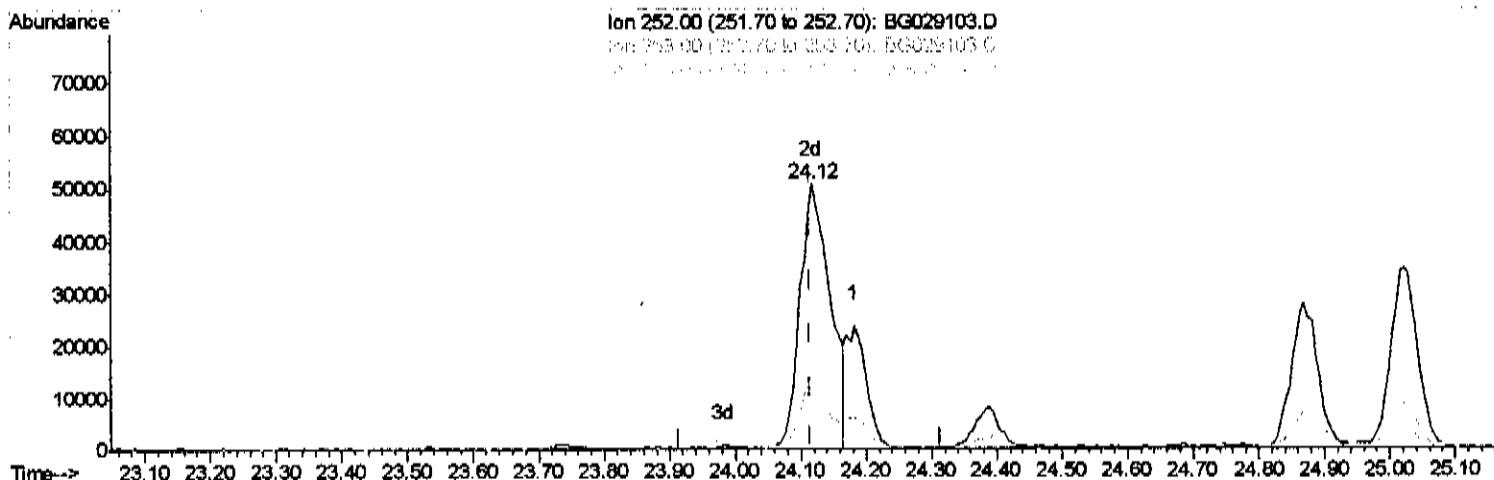
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Manual Integrations  
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 Response via : Initial Calibration



(23) Benzo(b)fluoranthene

24.117min (+0.002) 7.81ng/ul m

response 163584

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.50 | 23.18 |
| 125.00 | 10.00 | 7.41# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (QT Reviewed)

Instrument :  
BNA\_G  
ClientSampled :  
DAH80

Manual Integrations  
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Quant Time: Oct 10 04:55:16 2017  
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Quant Title : SVOA CALIBRATION  
QLast Update : Tue Oct 10 04:45:55 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.21  | 152  | 48336    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.03 | 136  | 220657   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.82 | 164  | 152566   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.56 | 188  | 334433   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.84 | 240  | 347905   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 25.18 | 264  | 349962   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 14.52 | 160  | 432510   | 27.26 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.81 | 176  | 322551   | 28.03 | ng/ul | 0.00     |
| 14) Anthracene-d10          | 17.66 | 188  | 449798   | 27.77 | ng/ul | 0.00     |
| 18) Pvrene-d10              | 19.93 | 212  | 517832   | 29.09 | ng/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.95 | 264  | 473860   | 28.26 | ng/ul | 0.00     |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 4) 2-Methylnaphthalene     | 12.67 | 142  | 10582    | 1.214  | ng/ul  | 87     |
| 13) Phenanthrene           | 17.60 | 178  | 122108   | 6.845  | ng/ul  | 99     |
| 16) Fluoranthene           | 19.60 | 202  | 222461   | 10.638 | ng/ul# | 90     |
| 19) Pvrene                 | 19.96 | 202  | 178768   | 8.243  | ng/ul# | 94     |
| 20) Benzo(a)anthracene     | 21.82 | 228  | 108401   | 5.291  | ng/ul  | 92     |
| 21) Chrysene               | 21.88 | 228  | 108327   | 5.774  | ng/ul  | 98     |
| 23) Benzo(b)fluoranthene   | 24.12 | 252  | 163584m  | 7.814  | ng/ul  | 94     |
| 24) Benzo(k)fluoranthene   | 24.18 | 252  | 49994    | 2.447  | ng/ul  | 94     |
| 26) Benzo(a)pyrene         | 25.02 | 252  | 96261    | 4.734  | ng/ul  | 94     |
| 27) Indeno(1,2,3-cd)pyrene | 29.00 | 276  | 79290    | 3.436  | ng/ul  | 97     |
| 29) Benzo(a,h,i)perylene   | 30.20 | 276  | 66709    | 3.505  | ng/ul  | 94     |

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

> Jul 10/9/17