

# Quantitation Report (QT Reviewed)

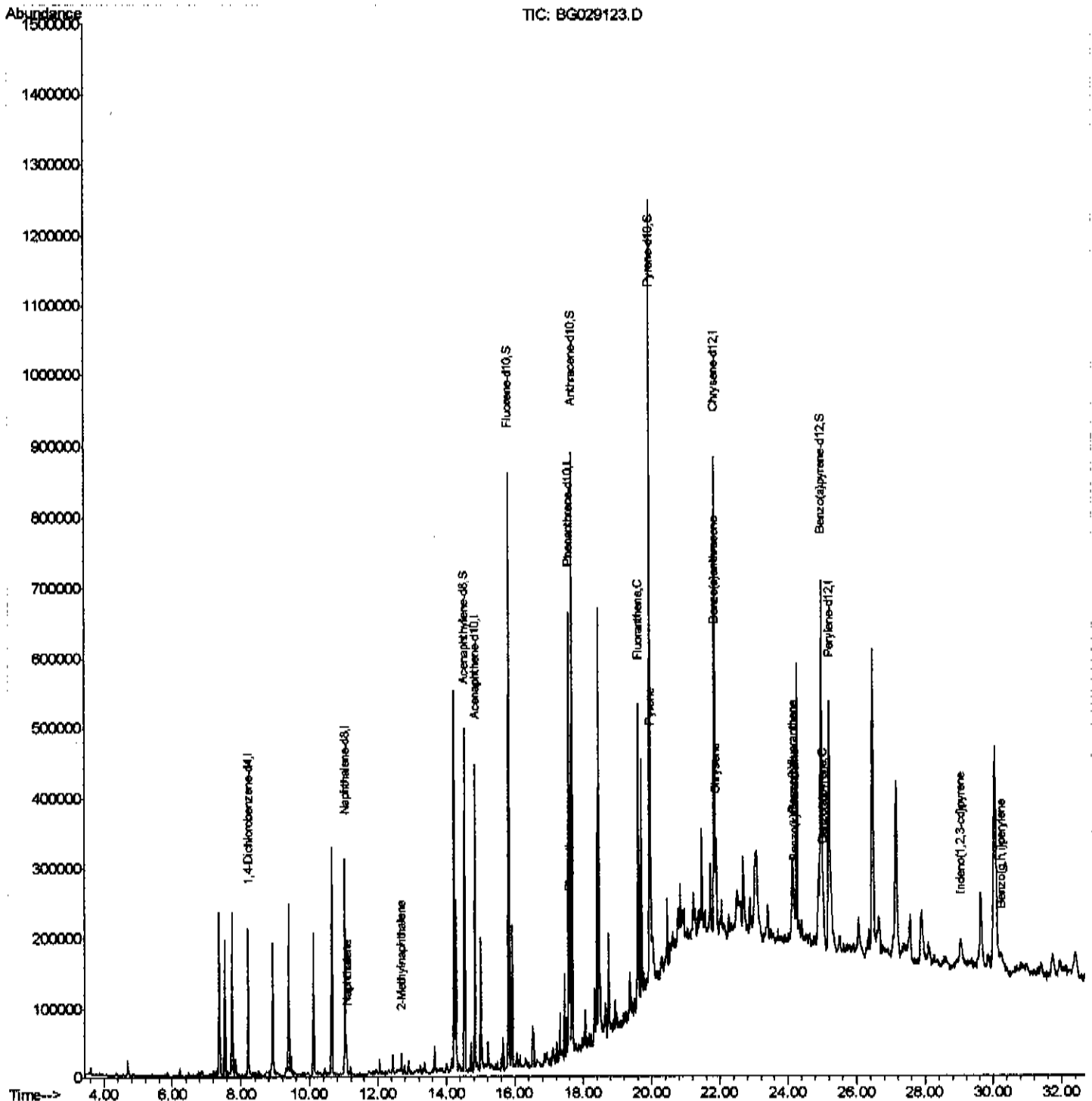
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\  
 Data File : BG029123.D  
 Acq On : 10 Oct 2017 1:18  
 Operator : SJ/JU  
 Sample : I5576-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 DAEA1

Manual Integrations  
 APPROVED

Sohil  
 10/10/2017 5:03:54 PM

Quant Time: Oct 10 06:57:14 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 10 06:24:09 2017  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

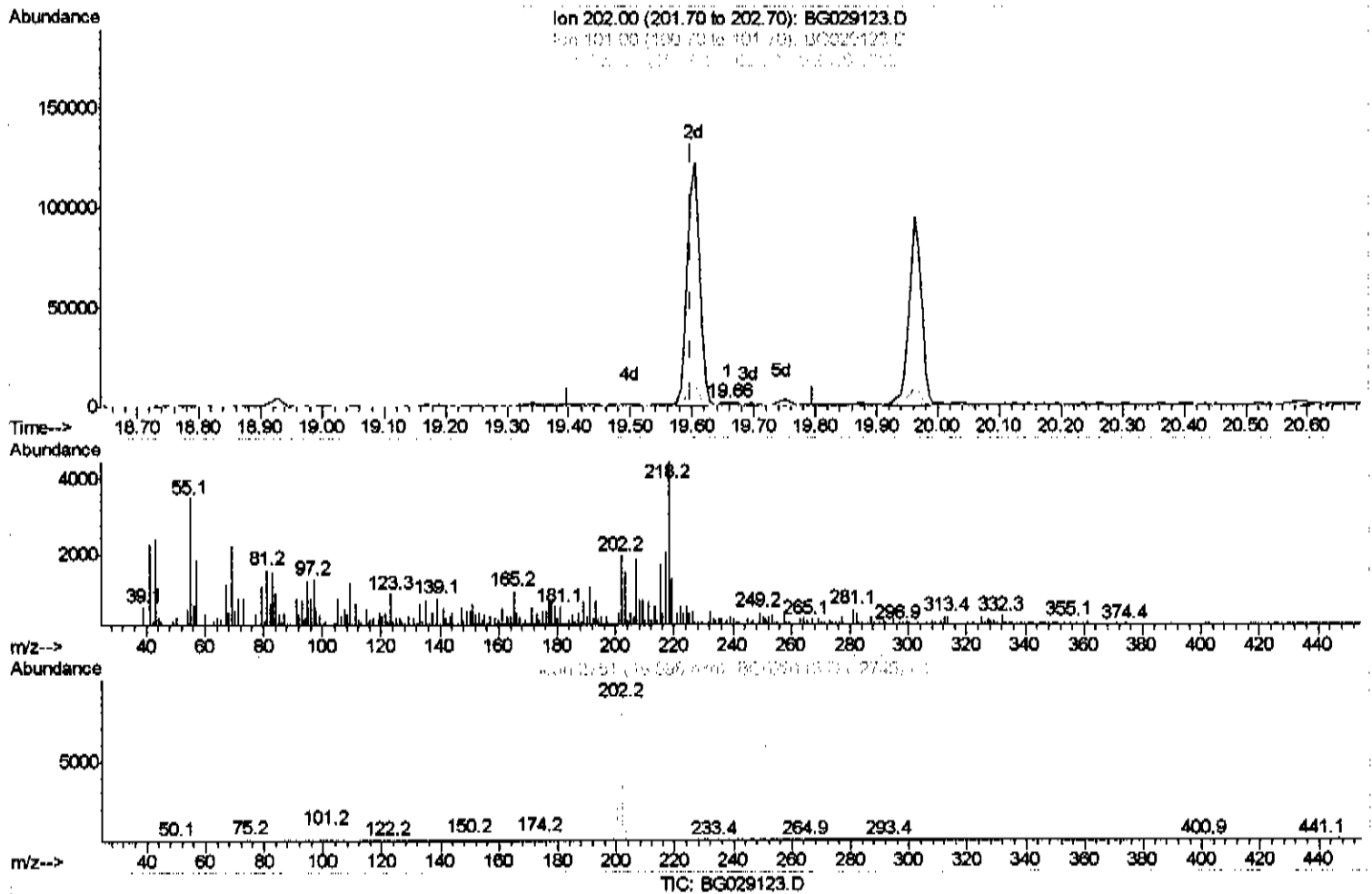
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(18) Fluoranthene (C)

19.657min (+0.059) 0.05ng/ul

response 1219

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.40 | 13.35 |
| 100.00 | 9.20  | 9.02  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

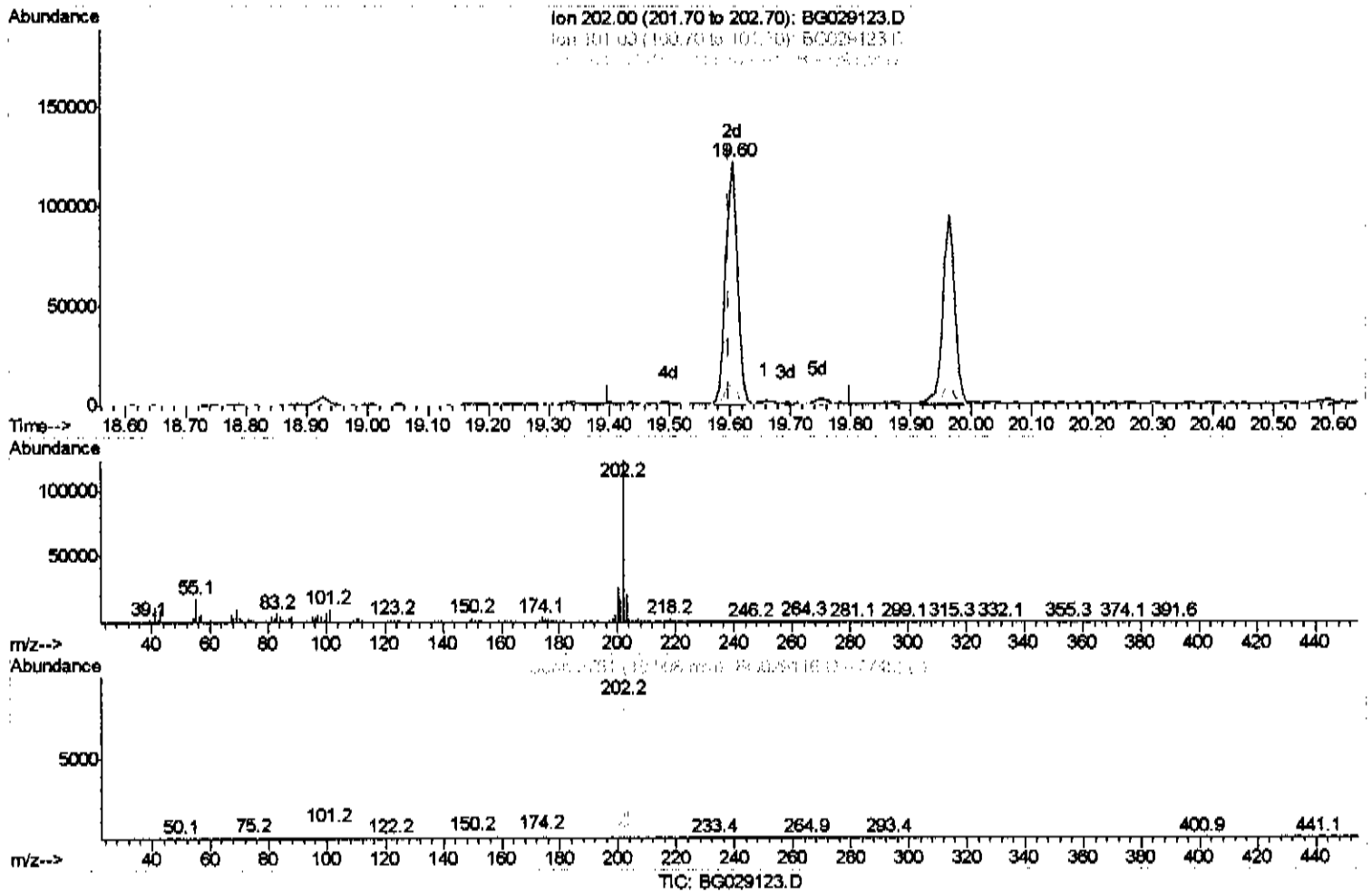
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(16) Fluoranthene (C)

19.604min (+0.006) 6.96ng/uL m *juw/11/17*  
 response 168583

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.40 | 8.50# |
| 100.00 | 9.20  | 6.05# |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

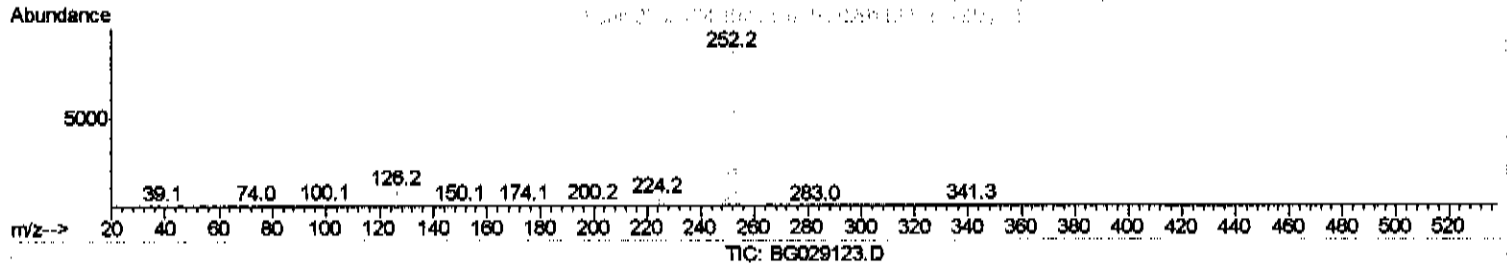
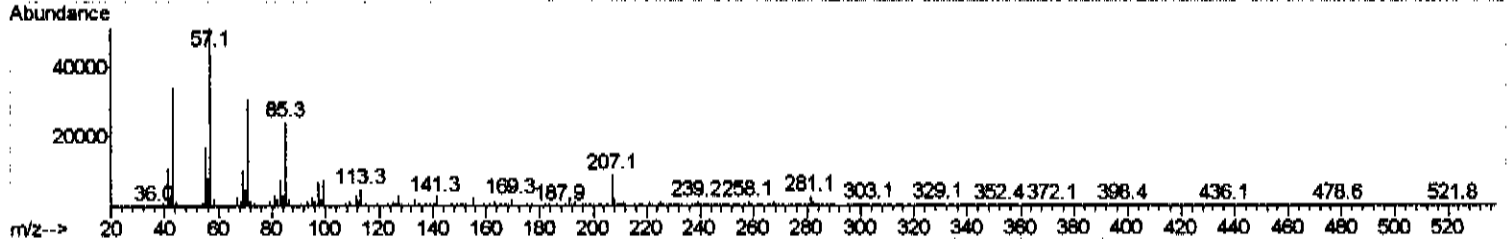
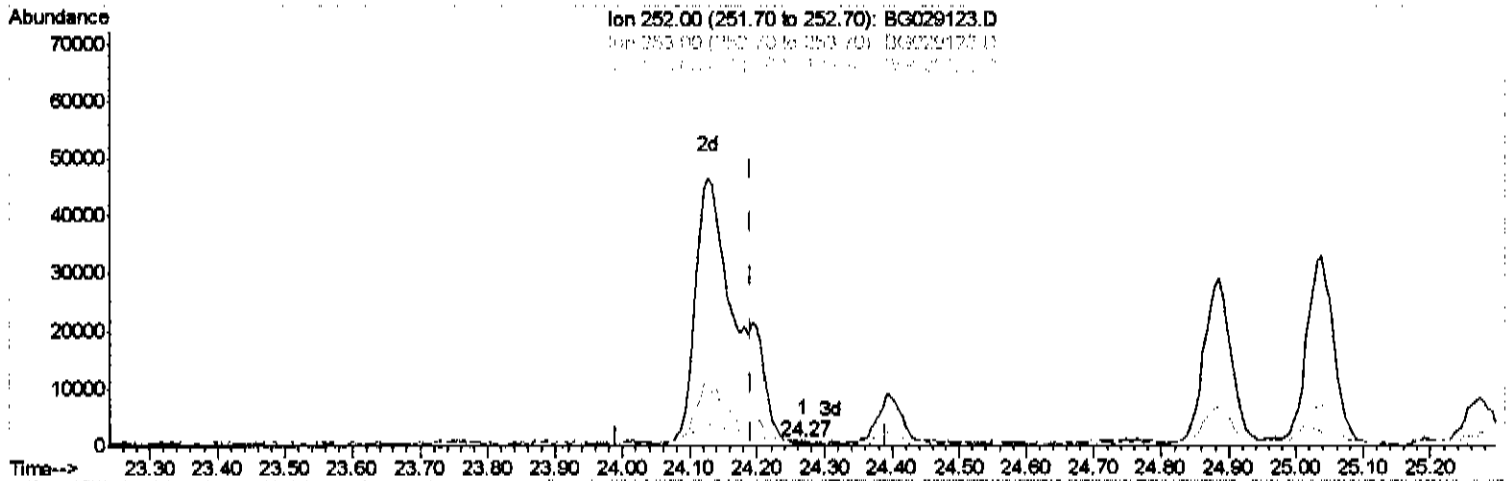
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 Acq On : 10 Oct 2017 1:18  
 Operator : SJ/JU  
 Sample : I5576-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
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(24) Benzo(k)fluoranthene

24.269min (+0.077) 0.03ng/ul

response 639

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 252.00 | 100   | 100     |
| 253.00 | 22.50 | 75.77#  |
| 125.00 | 10.10 | 192.52# |
| 0.00   | 0.00  | 0.00    |

# Quantitation Report (Qedit)

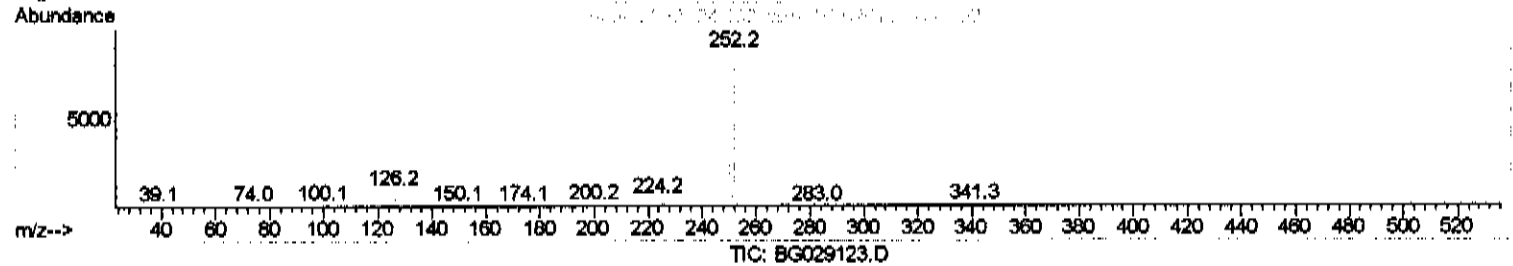
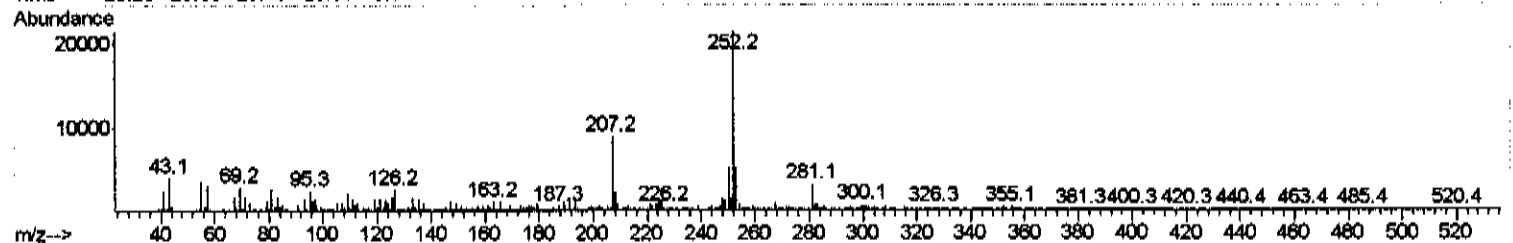
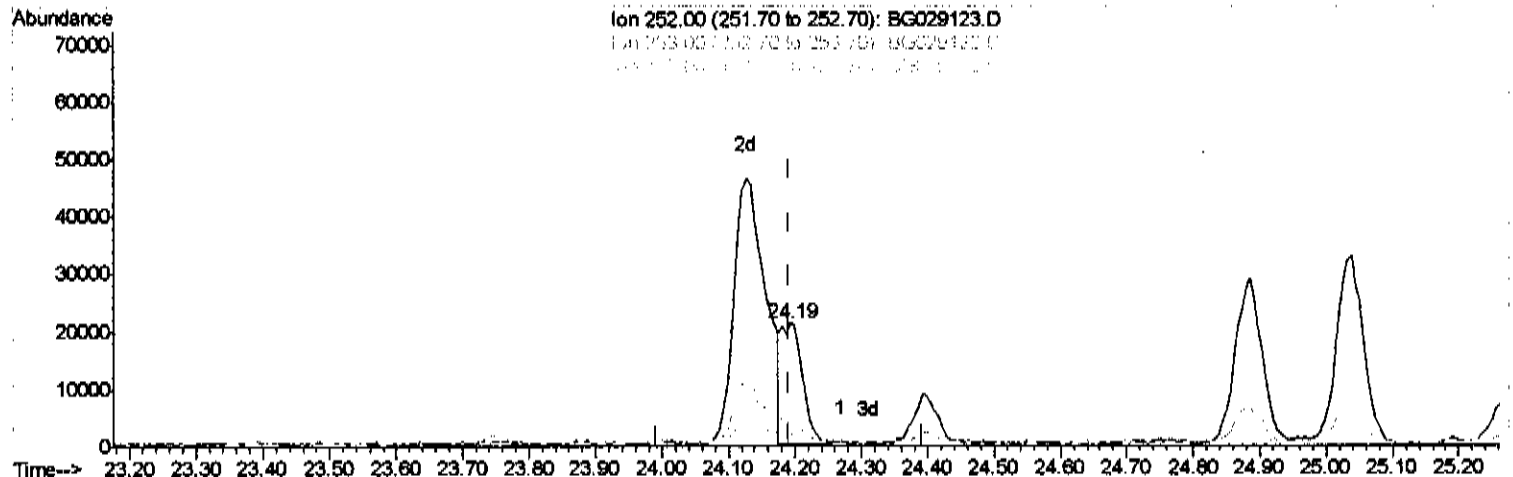
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\  
 Data File : BG029123.D  
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 Operator : SJ/JU  
 Sample : I5576-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DAEA1

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(24) Benzo(k)fluoranthene

24.192min (+0.001) 1.85ng/ul m

response 44987

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.50 | 25.04 |
| 125.00 | 10.10 | 8.74  |
| 0.00   | 0.00  | 0.00  |

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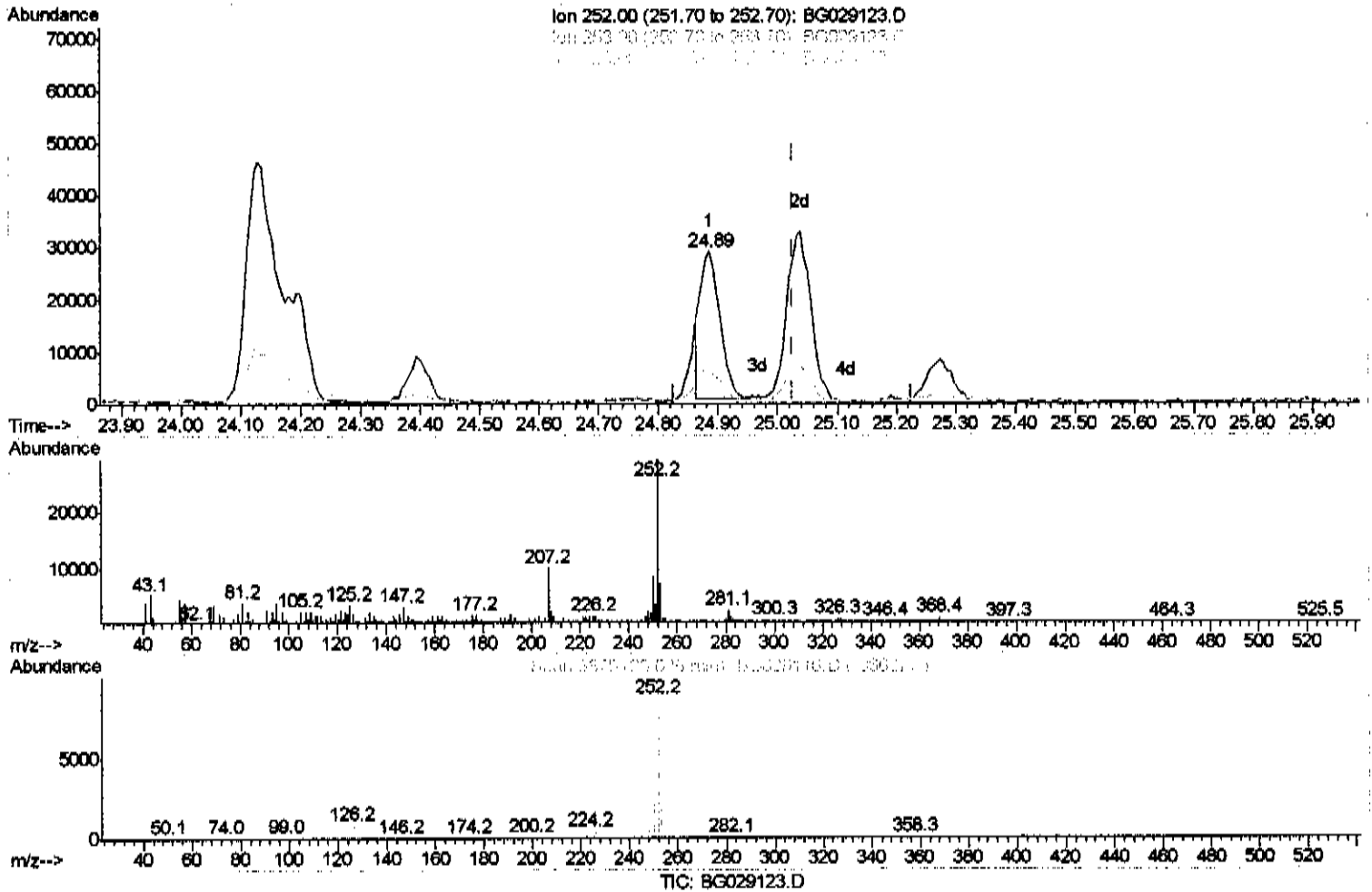
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\  
 Data File : BG029123.D  
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 Operator : SJ/JU  
 Sample : I5576-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DAEA1

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(26) Benzo(a)pyrene (C)  
 24.885min (-0.140) 2.68ng/ul  
 response 64386

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.50 | 24.05 |
| 125.00 | 10.30 | 11.95 |
| 0.00   | 0.00  | 0.00  |

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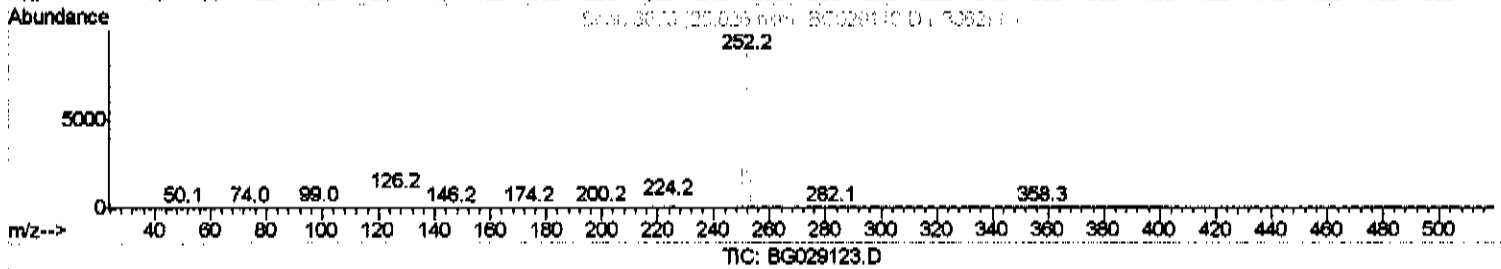
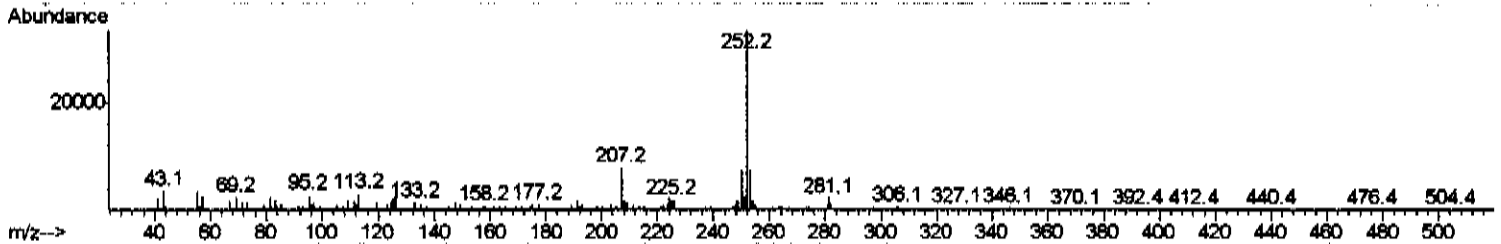
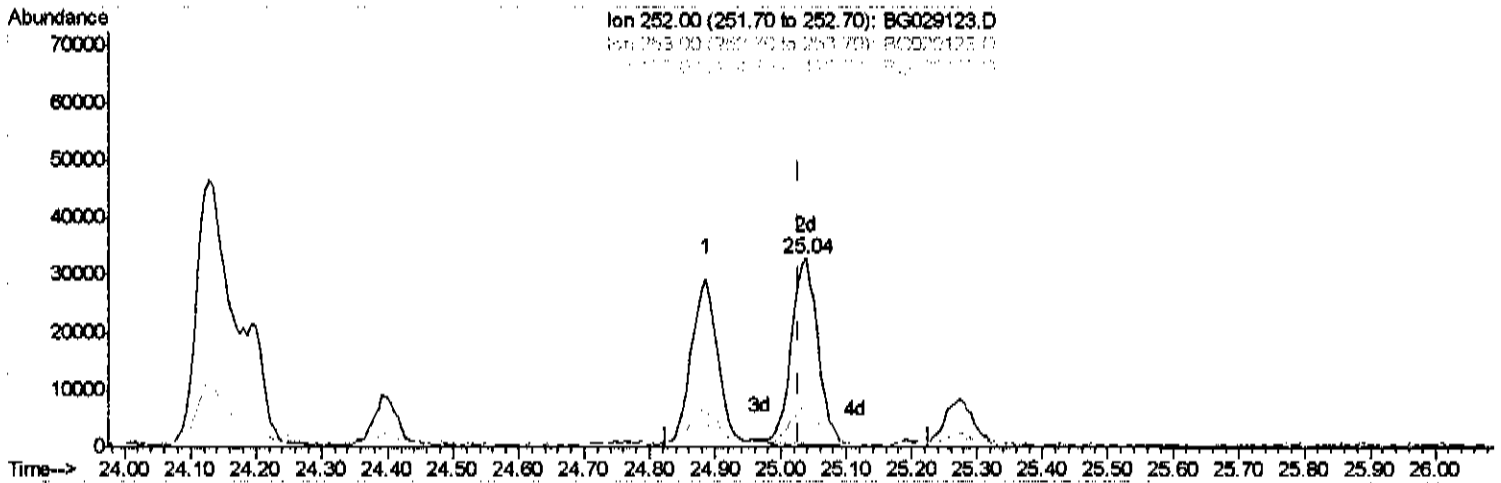
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 Data File : BG029123.D  
 Acq On : 10 Oct 2017 1:18  
 Operator : SJ/JU  
 Sample : I5576-02  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 DAEA1

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

25.038min (+0.012) 3.72ng/u1 m

response 90294

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.50 | 22.81 |
| 125.00 | 10.30 | 7.32# |
| 0.00   | 0.00  | 0.00  |

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.21  | 152  | 59942    | 20.00 | ng/ul | 0.00     |
| 2) Naphthalene-d8         | 11.03 | 136  | 254393   | 20.00 | ng/ul | 0.00     |
| 6) Acenaphthene-d10       | 14.83 | 164  | 152050   | 20.00 | ng/ul | 0.00     |
| 12) Phenanthrene-d10      | 17.57 | 188  | 387199   | 20.00 | ng/ul | 0.00     |
| 17) Chrysene-d12          | 21.84 | 240  | 405277   | 20.00 | ng/ul | 0.00     |
| 22) Perylene-d12          | 25.20 | 264  | 417190   | 20.00 | ng/ul | 0.01     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 7) Acenaphthylene-d8        | 14.52 | 160  | 361835   | 22.88 | ng/ul | 0.00     |
| 10) Fluorene-d10            | 15.82 | 176  | 366877   | 31.99 | ng/ul | 0.00     |
| 14) Anthracene-d10          | 17.67 | 188  | 482705   | 25.74 | ng/ul | 0.00     |
| 18) Pylene-d10              | 19.93 | 212  | 581363   | 28.04 | ng/ul | 0.00     |
| 25) Benzo(a)pyrene-d12      | 24.97 | 264  | 529465   | 26.49 | ng/ul | 0.02     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 3) Naphthalene             | 11.08 | 128  | 27434    | 2.072 | ng/ul# | 95     |
| 4) 2-Methylnaphthalene     | 12.67 | 142  | 13305    | 1.324 | ng/ul  | 95     |
| 13) Phenanthrene           | 17.61 | 178  | 107134   | 5.187 | ng/ul  | 95     |
| 16) Fluoranthene           | 19.60 | 202  | 168583m  | 6.963 | ng/ul  | 95     |
| 19) Pyrene                 | 19.96 | 202  | 132806   | 5.257 | ng/ul# | 89     |
| 20) Benzo(a)anthracene     | 21.82 | 228  | 92759    | 3.886 | ng/ul  | 94     |
| 21) Chrysene               | 21.89 | 228  | 109508   | 5.011 | ng/ul  | 97     |
| 23) Benzo(b)fluoranthene   | 24.13 | 252  | 166606   | 6.676 | ng/ul# | 97     |
| 24) Benzo(k)fluoranthene   | 24.19 | 252  | 44987m   | 1.847 | ng/ul  | 97     |
| 26) Benzo(a)pyrene         | 25.04 | 252  | 90294m   | 3.725 | ng/ul  | 97     |
| 27) Indeno(1,2,3-cd)pyrene | 29.03 | 276  | 67355    | 2.448 | ng/ul# | 91     |
| 29) Benzo(a,h,i)perylene   | 30.23 | 276  | 60557    | 2.669 | ng/ul# | 93     |

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