

# Quantitation Report (QT Reviewed)

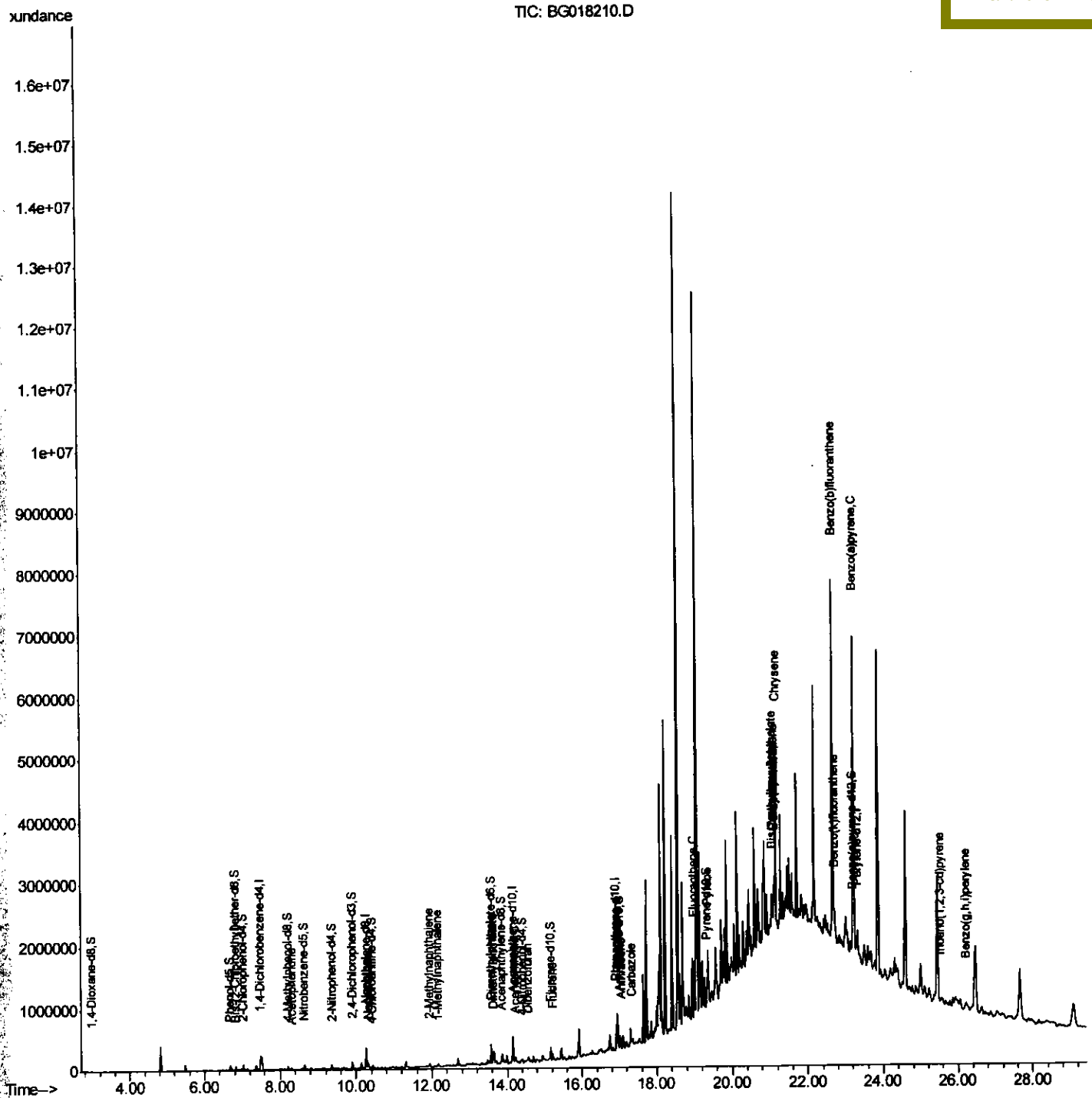
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\  
 ata File : BG018210.D  
 ca On : 1 Aug 2015 8:43  
 erator : TP/UM  
 Sample : G3065-06  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C01Z8

Quant Time: Aug 03 02:39:29 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 01 07:09:30 2015  
 Response via : Initial Calibration

Manual Integrations  
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# Quantitation Report (Qedit)

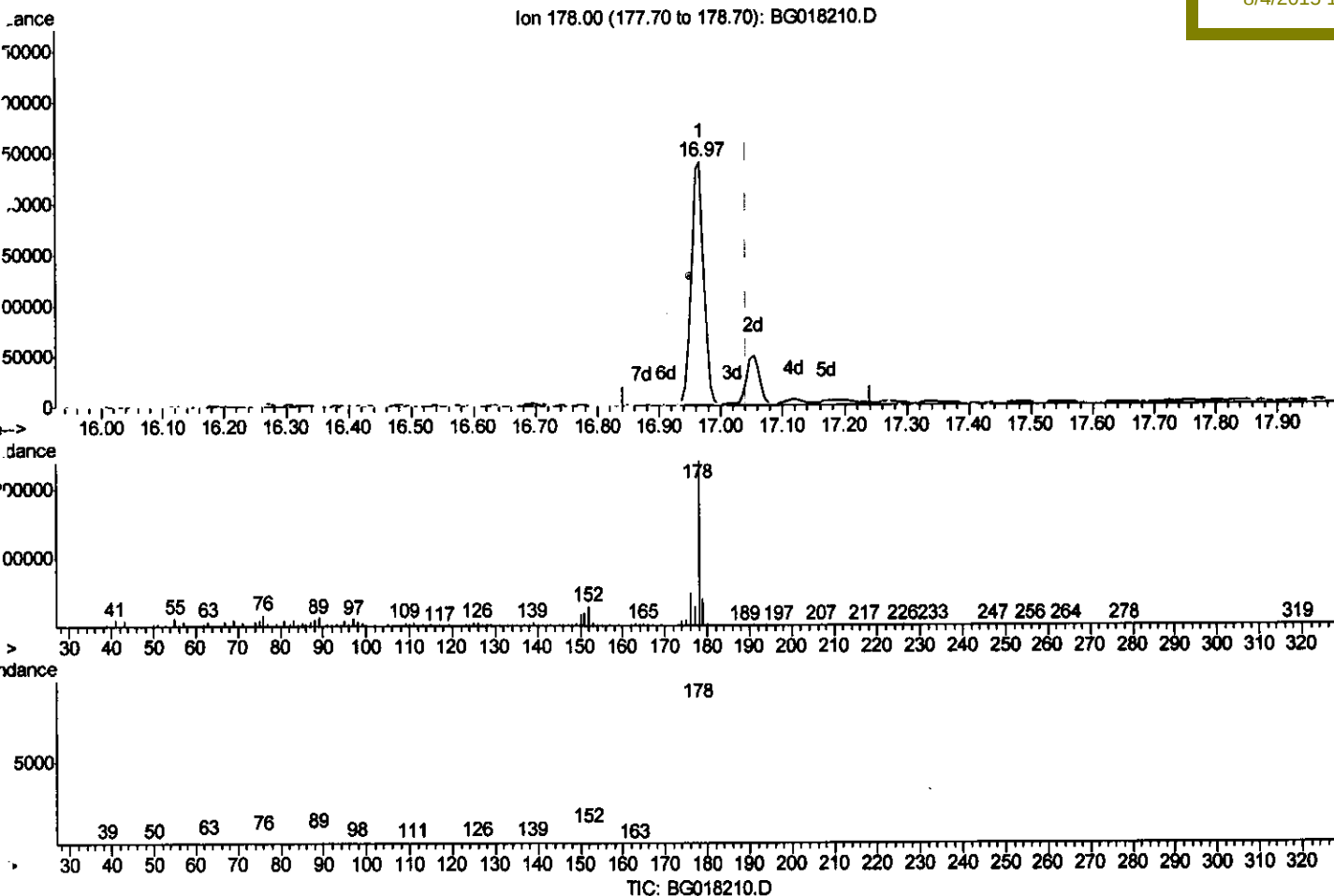
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\  
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 Acq On : 1 Aug 2015 8:43  
 Operator : TP/UM  
 Sample : G3065-06  
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Instrument :  
 BNA\_G  
 ClientSampleId :  
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Quant Time: Aug 03 01:59:24 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M  
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(72) Anthracene

16.965min (-0.077) 28.69ng/ul

response 329437

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 178.00 | 100   | 100   |
| 179.00 | 15.20 | 16.62 |
| 176.00 | 18.50 | 19.84 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

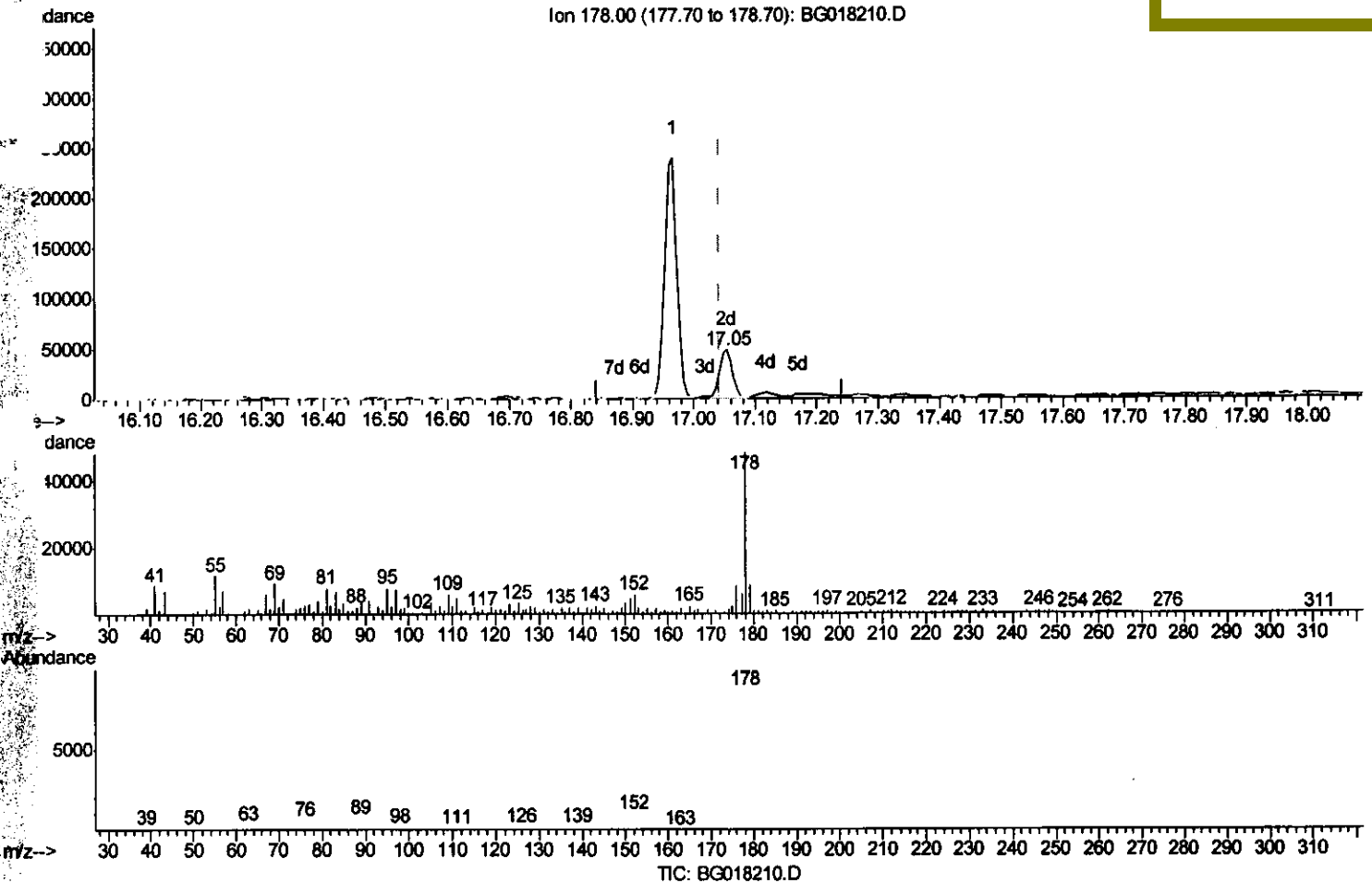
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\  
 Data File : BG018210.D  
 Acq On : 1 Aug 2015 8:43  
 Operator : TP/UM  
 Sample : G3065-06  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
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(72) Anthracene

17.053min (+0.012) 6.28ng/ul m

response 72072

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 178.00 | 100   | 100    |
| 179.00 | 15.20 | 18.44# |
| 176.00 | 18.50 | 17.62  |
| 0.00   | 0.00  | 0.00   |

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## Quantitation Report (Qedit)

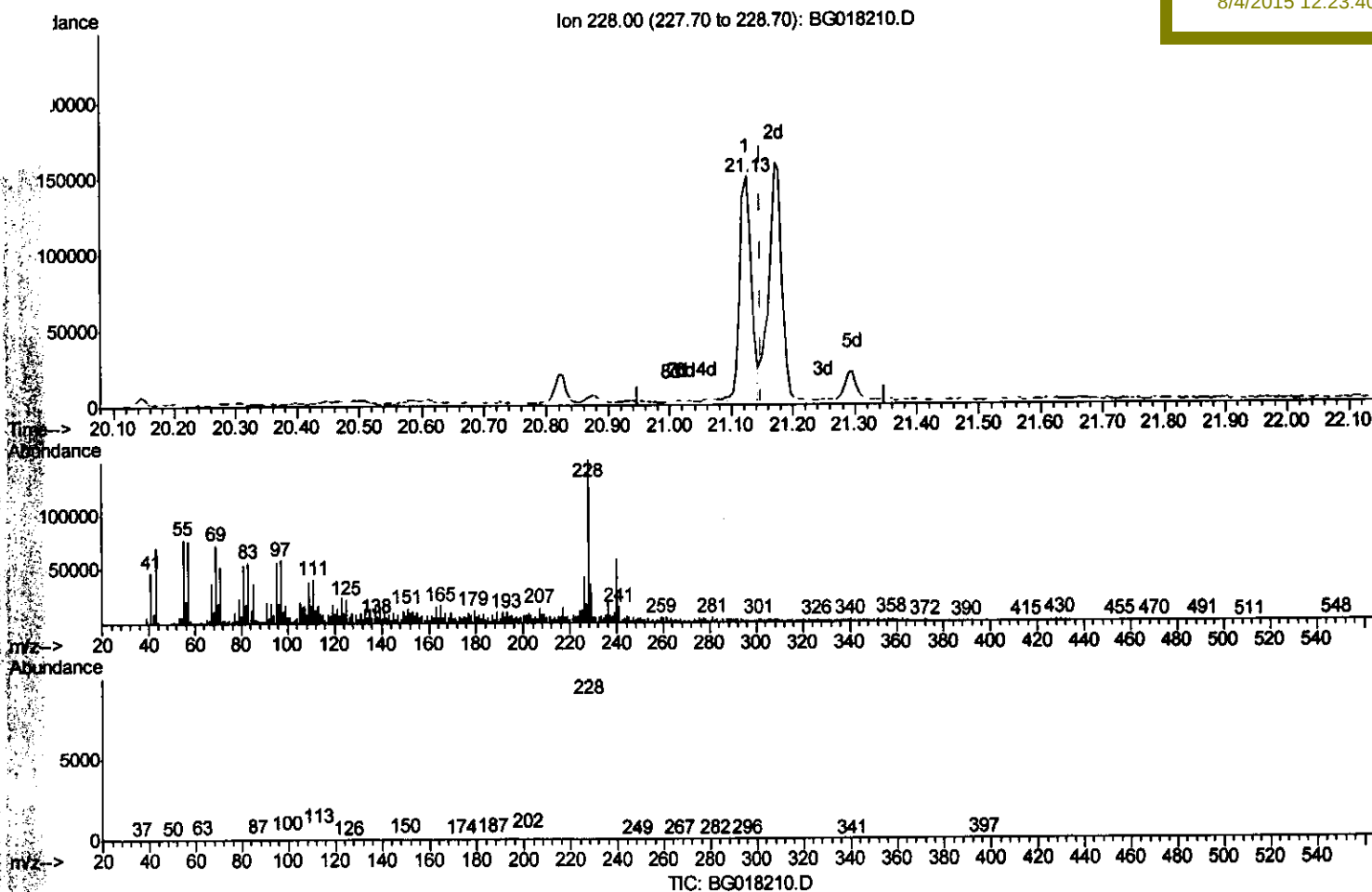
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Sample : G3065-06  
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BNA\_G  
ClientSampleId :  
C01Z8

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(85) Chrysene

21.125min (-0.024) 13.15ng/ul

response 198310

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 28.40 | 28.25 |
| 229.00 | 20.20 | 23.74 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

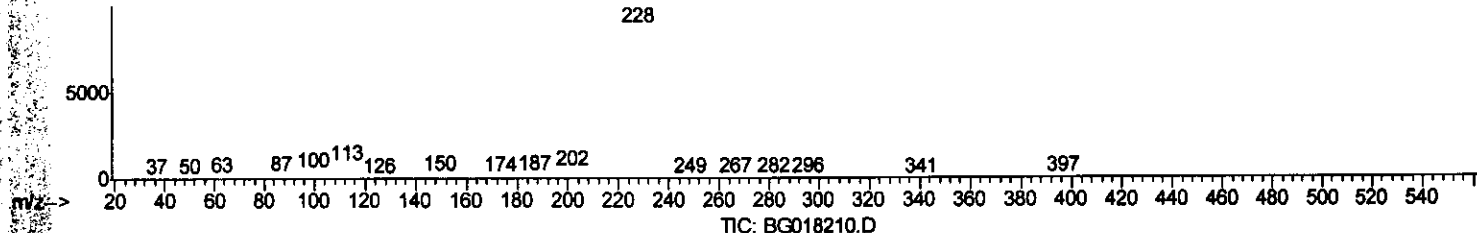
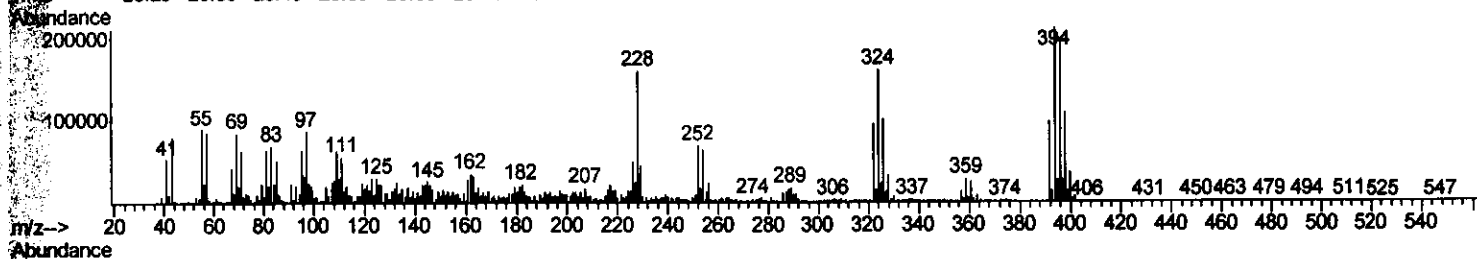
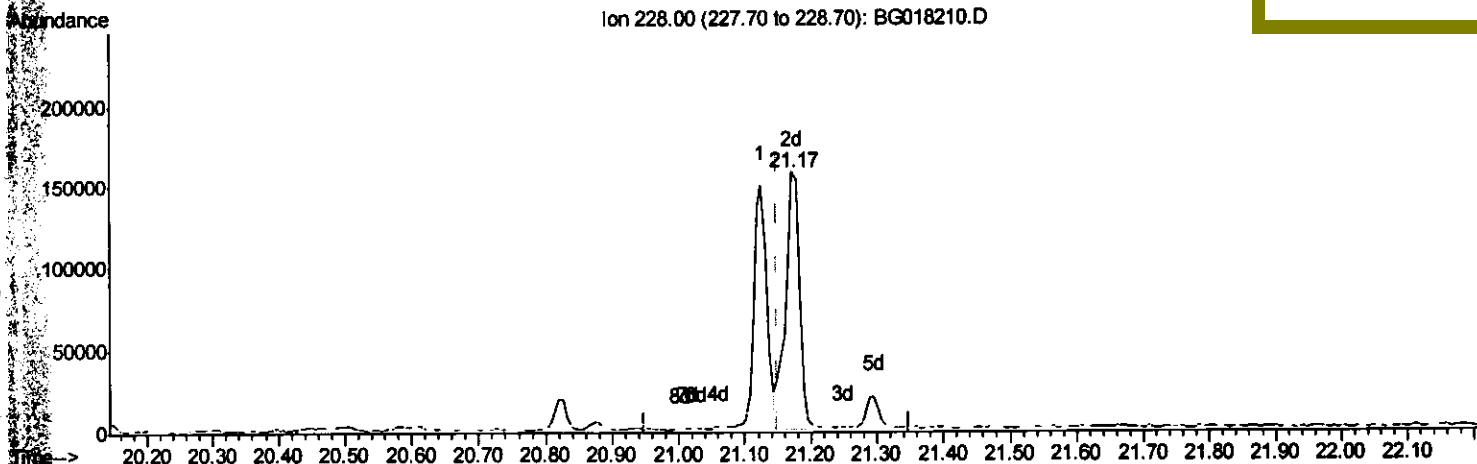
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\  
 Data File : BG018210.D  
 Acq On : 1 Aug 2015 8:43  
 Operator : TP/UM  
 Sample : G3065-06  
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Instrument :  
 BNA\_G  
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(85) Chrysene

21.172min (+0.023) 15.23ng/ul m

response 229738

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 228.00 | 100   | 100    |
| 226.00 | 28.40 | 30.77  |
| 229.00 | 20.20 | 27.95# |
| 0.00   | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

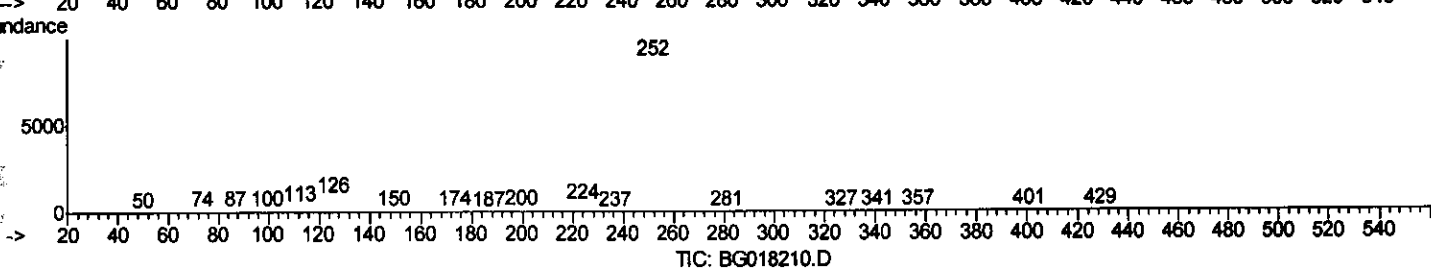
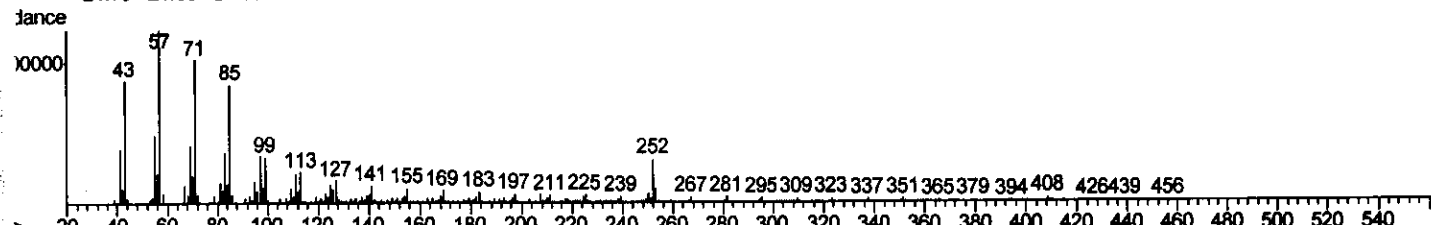
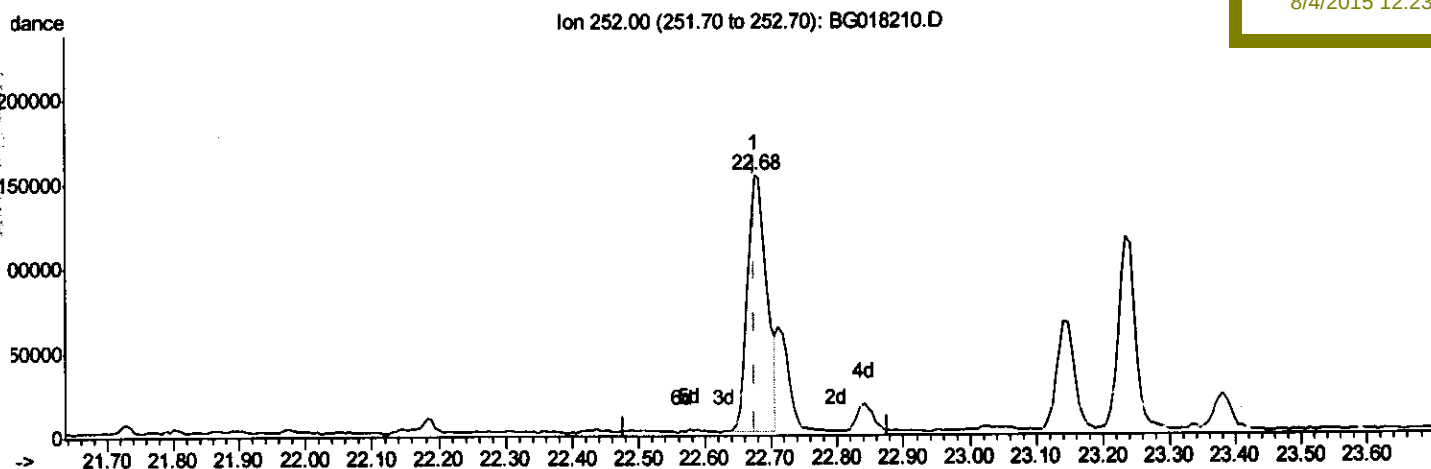
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 Data File : BG018210.D  
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 Operator : TP/UM  
 Sample : G3065-06  
 Disc :  
 LS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C01Z8

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(89) Benzo(k)fluoranthene

22.676min (-0.000) 18.50ng/ul

response 309418

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.70 | 34.14# |
| 125.00 | 9.40  | 41.08# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

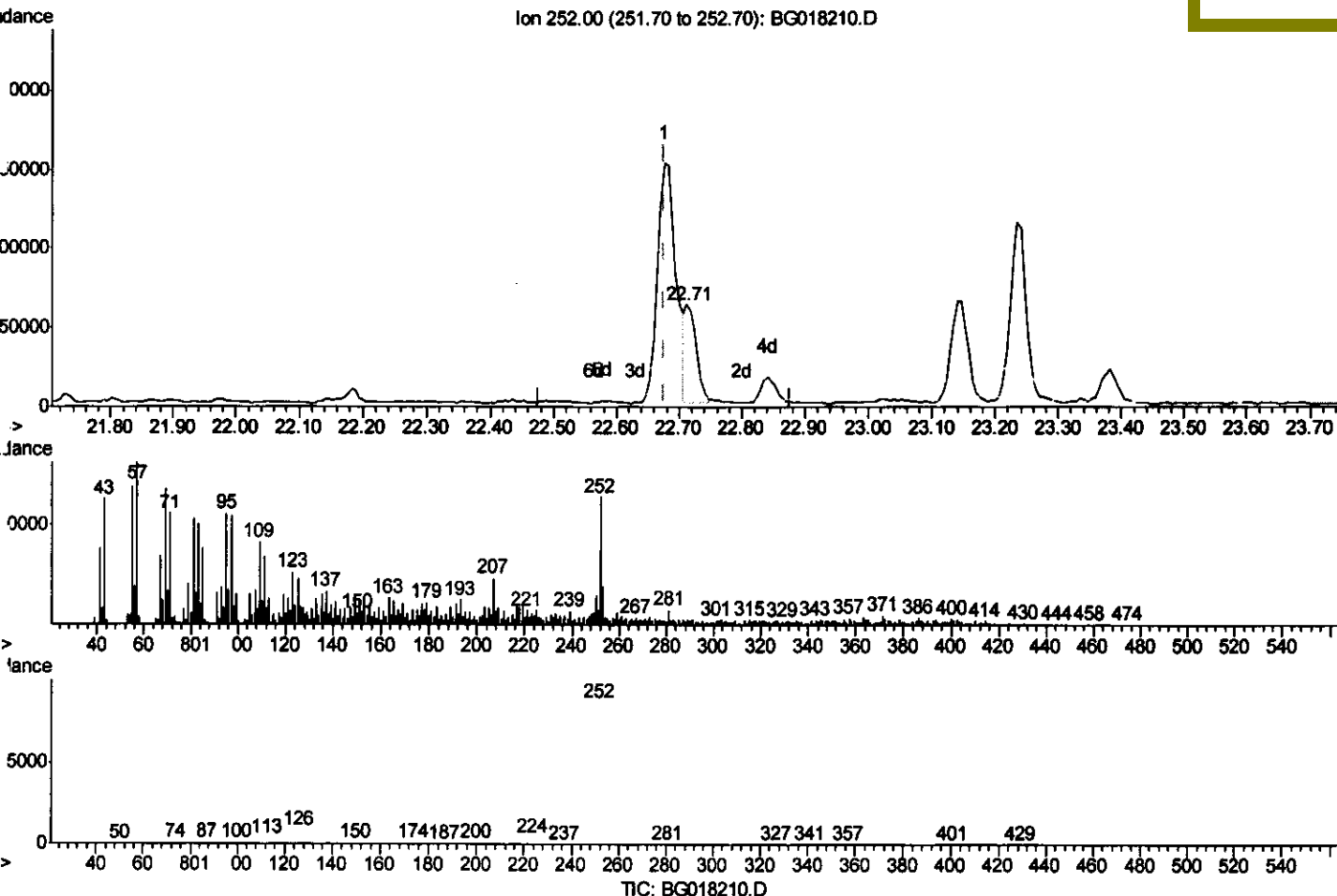
Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\  
 Data File : BG018210.D  
 Acq On : 1 Aug 2015 8:43  
 Operator : TP/UM  
 Sample : G3065-06  
 Lsc :  
 LS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 Client Sample ID :  
 C01Z8

Inj Time: Aug 03 01:59:24 2015  
 Inj Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M  
 Inj Title : SVOA CALIBRATION  
 Last Update : Sat Aug 01 07:09:30 2015  
 Response via : Initial Calibration

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(89) Benzo(k)fluoranthene

22.711min (+0.035) 4.52ng/ul m

response 75656

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 252.00 | 100   | 100    |
| 253.00 | 22.70 | 30.12# |
| 125.00 | 9.40  | 36.10# |
| 0.00   | 0.00  | 0.00   |

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ta Path : Z:\HPCHEM1\BNA G\DATA\BG073115\  
 ta File : BG018210.D  
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 rator : TP/UM  
 mple : G3065-06  
 sc :  
 5 Vial : 30 Sample Multiplier: 1

Instrument :  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.49  | 152  | 59223    | 20.00 | ng/ul | 0.01     |
| 18) Naphthalene-d8        | 10.27 | 136  | 256031   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.16 | 164  | 124230   | 20.00 | ng/ul | 0.01     |
| 62) Phenanthrene-d10      | 16.92 | 188  | 227217   | 20.00 | ng/ul | 0.01     |
| 78) Chrysene-d12          | 21.14 | 240  | 305749   | 20.00 | ng/ul | 0.02     |
| 86) Perylene-d12          | 23.33 | 264  | 303008   | 20.00 | ng/ul | 0.05     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 2.98  | 96   | 978      | 1.25  | ng/uL | 0.01     |
| 5) Phenol-d5                   | 6.68  | 99   | 44257    | 8.31  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67   | 26156    | 9.61  | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.02  | 132  | 36610    | 9.10  | ng/ul | 0.01     |
| 13) 4-Methylphenol-d8          | 8.21  | 113  | 25053    | 5.78  | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.64  | 128  | 19036    | 9.44  | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.36  | 143  | 17555    | 7.58  | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.90  | 165  | 37947    | 9.28  | ng/ul | 0.01     |
| 29) 4-Chloroaniline-d4         | 10.41 | 131  | 5755     | 1.13  | ng/ul | 0.01     |
| 44) Dimethylphthalate-d6       | 13.58 | 166  | 96323    | 10.03 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.85 | 160  | 111212   | 9.99  | ng/ul | 0.01     |
| 52) 4-Nitrophenol-d4           | 14.40 | 143  | 9955     | 5.60  | ng/ul | 0.02     |
| 58) Fluorene-d10               | 15.16 | 176  | 75630    | 8.71  | ng/ul | 0.01     |
| 63) 4,6-Dinitro-2-methylphenol | 15.30 | 200  | 277      | 0.17  | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.02 | 188  | 98821    | 10.00 | ng/ul | 0.01     |
| 79) Pyrene-d10                 | 19.34 | 212  | 112172   | 7.58  | ng/ul | 0.02     |
| 90) Benzo(a)pyrene-d12         | 23.19 | 264  | 154752   | 10.10 | ng/ul | 0.05     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) | Ovalue |
|--------------------------------|-------|------|----------|-------|--------|----------|--------|
| 14) Acetophenone               | 8.30  | 105  | 13045    | 1.93  | ng/ul# | 91       |        |
| 28) Naphthalene                | 10.32 | 128  | 65160    | 5.29  | ng/ul  | 97       |        |
| 34) 2-Methylnaphthalene        | 11.95 | 142  | 26428    | 2.71  | ng/ul  | 91       |        |
| 35) 1-Methylnaphthalene        | 12.17 | 142  | 21581    | 2.31  | ng/ul# | 98       |        |
| 45) Dimethylphthalate          | 13.62 | 163  | 99112    | 10.38 | ng/ul  | 97       |        |
| 50) Acenaphthene               | 14.23 | 153  | 34038    | 4.73  | ng/ul  | 95       |        |
| 54) Dibenzofuran               | 14.56 | 168  | 27186    | 2.51  | ng/ul# | 63       |        |
| 59) Fluorene                   | 15.22 | 166  | 41187    | 4.40  | ng/ul  | 97       |        |
| 70) Phenanthrene               | 16.97 | 178  | 329437   | 28.54 | ng/ul  | 99       |        |
| 72) Anthracene                 | 17.05 | 178  | 72072m   | 6.28  | ng/ul  |          |        |
| 75) Carbazole                  | 17.33 | 167  | 25759    | 2.70  | ng/ul# | 74       |        |
| 77) Fluoranthene               | 19.00 | 202  | 444686   | 35.08 | ng/ul# | 95       |        |
| 80) Pyrene                     | 19.37 | 202  | 431699   | 23.28 | ng/ul# | 93       |        |
| 83) Benzo(a)anthracene         | 21.13 | 228  | 195711   | 11.89 | ng/ul  | 96       |        |
| 84) Bis(2-ethylhexyl)phthalate | 21.06 | 149  | 167035   | 16.43 | ng/ul  | 99       |        |
| 85) Chrysene                   | 21.17 | 228  | 229738m  | 15.23 | ng/ul  |          |        |
| 88) Benzo(b)fluoranthene       | 22.68 | 252  | 309418   | 17.00 | ng/ul# | 59       |        |
| 89) Benzo(k)fluoranthene       | 22.71 | 252  | 75656m   | 4.52  | ng/ul  |          |        |
| 91) Benzo(a)pyrene             | 23.23 | 252  | 199329   | 12.24 | ng/ul# | 45       |        |
| 92) Indeno(1,2,3-cd)pyrene     | 25.54 | 276  | 70406    | 3.74  | ng/ul# | 91       |        |
| 94) Benzo(g,h,i)perylene       | 26.22 | 276  | 64717    | 4.21  | ng/ul  | 97       |        |

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ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_G  
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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