

# Quantitation Report (QT Reviewed)

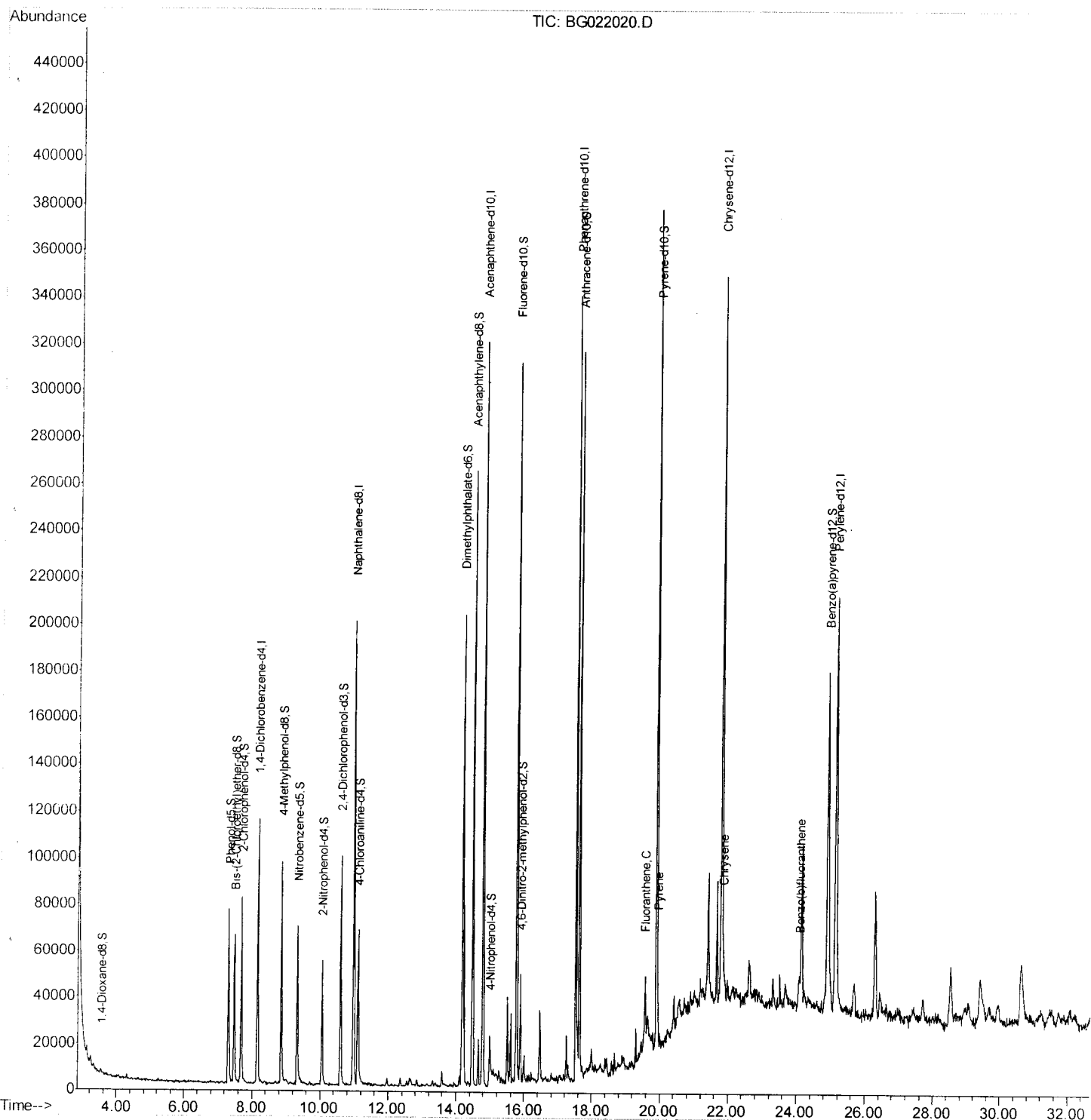
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052216\  
 Data File : BG022020.D  
 Acq On : 22 May 2016 20:03  
 Operator : UM/SJ  
 Sample : H3204-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 Client Sampled :  
 D9XK1

Manual Integrations  
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Quant Time: May 24 10:40:25 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG051816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 20 08:11:42 2016  
 Response via : Initial Calibration



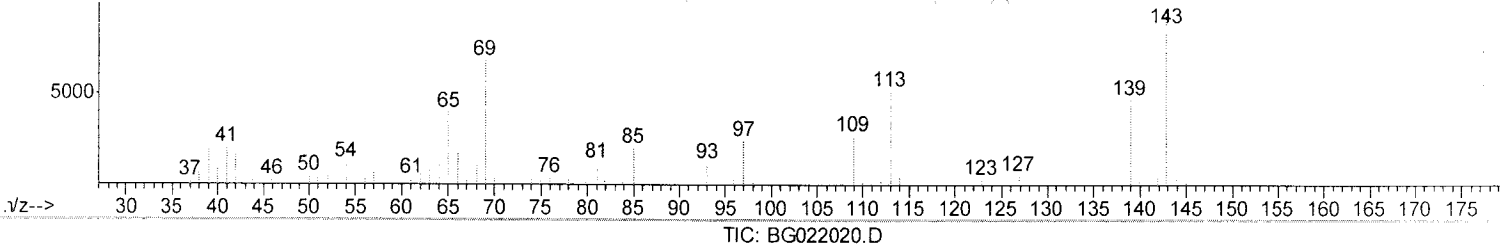
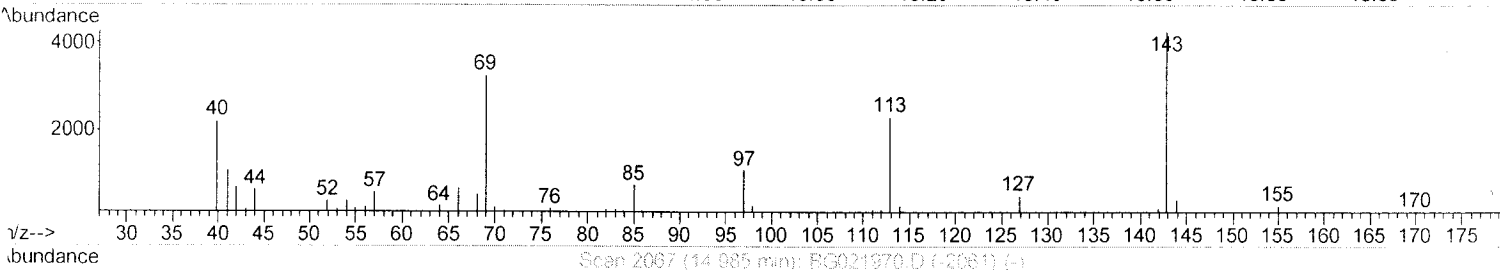
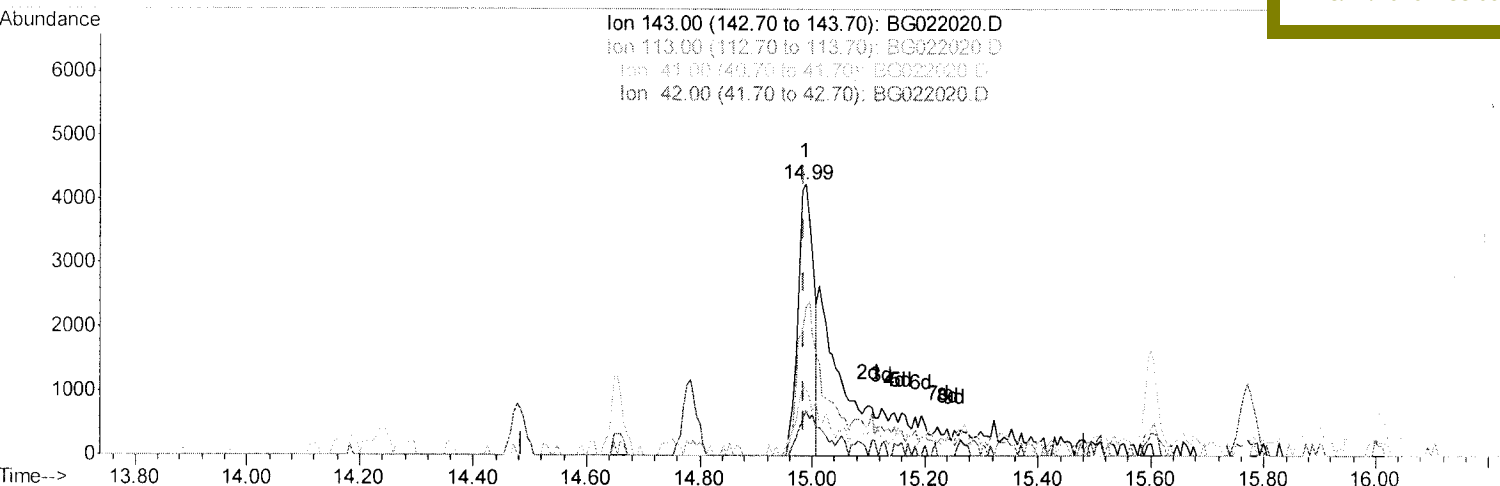
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052216\  
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 Operator : UM/SJ  
 Sample : H3204-08  
 Misc :  
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Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XK1

Quant Time: May 24 10:17:52 2016  
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TIC: BG022020.D

(20) 4-Nitrophenol-d4 (S)

14.989min (+0.004) 4.82ng/ul

response 8005

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 102.70 | 54.70# |
| 41.00  | 49.70  | 25.10# |
| 42.00  | 33.70  | 16.83# |

# Quantitation Report (Qedit)

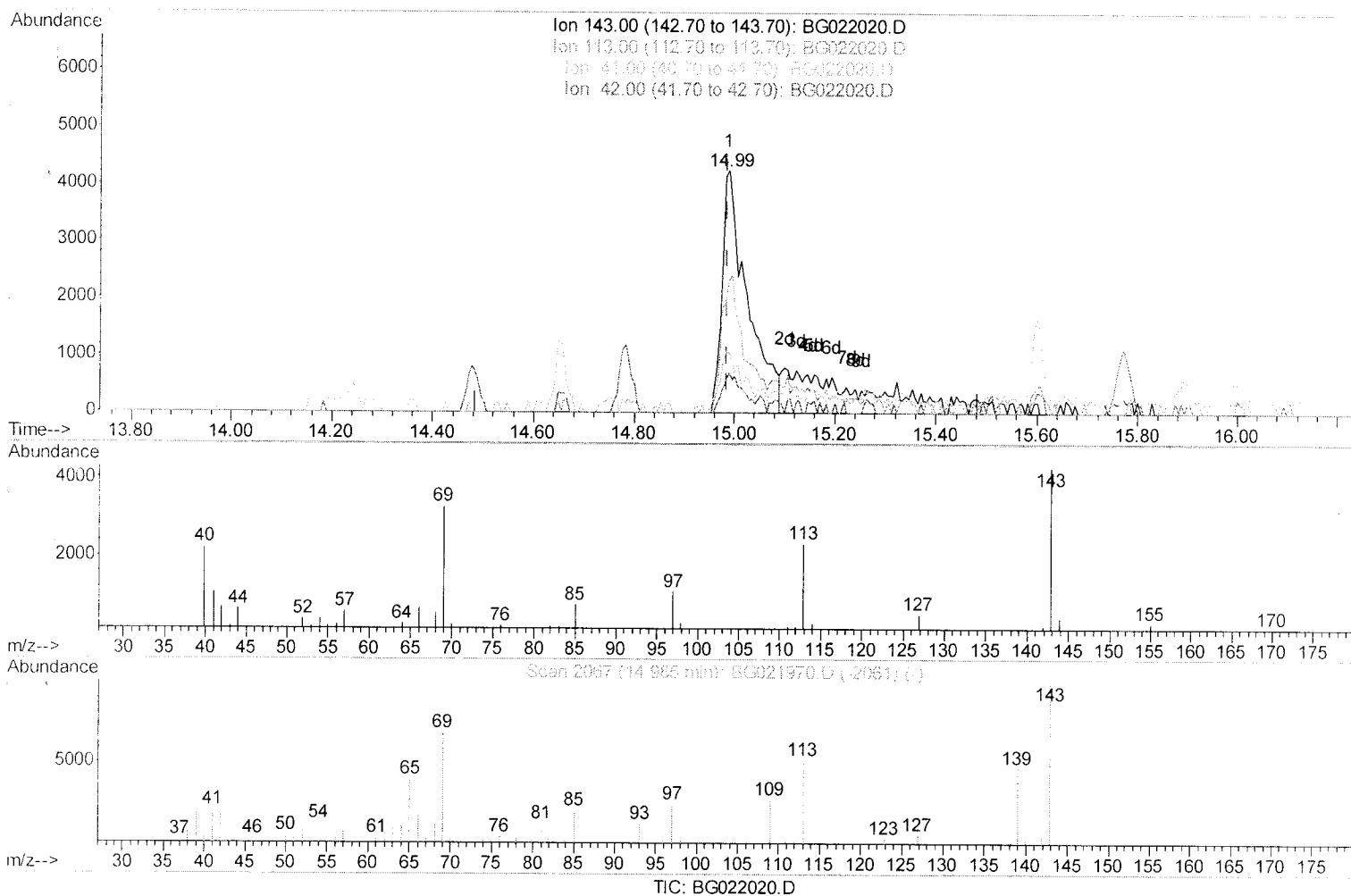
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052216\  
 Data File : BG022020.D  
 Acq On : 22 May 2016 20:03  
 Operator : UM/SJ  
 Sample : H3204-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XK1

Manual Integrations  
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(20) 4-Nitrophenol-d4 (S)

14.989min (+0.004) 8.90ng/ul m > 0.07  
 response 14773  
 05/25/16

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 143.00 | 100    | 100    |
| 113.00 | 102.70 | 54.70# |
| 41.00  | 49.70  | 25.10# |
| 42.00  | 33.70  | 16.83# |

# Quantitation Report (Qedit)

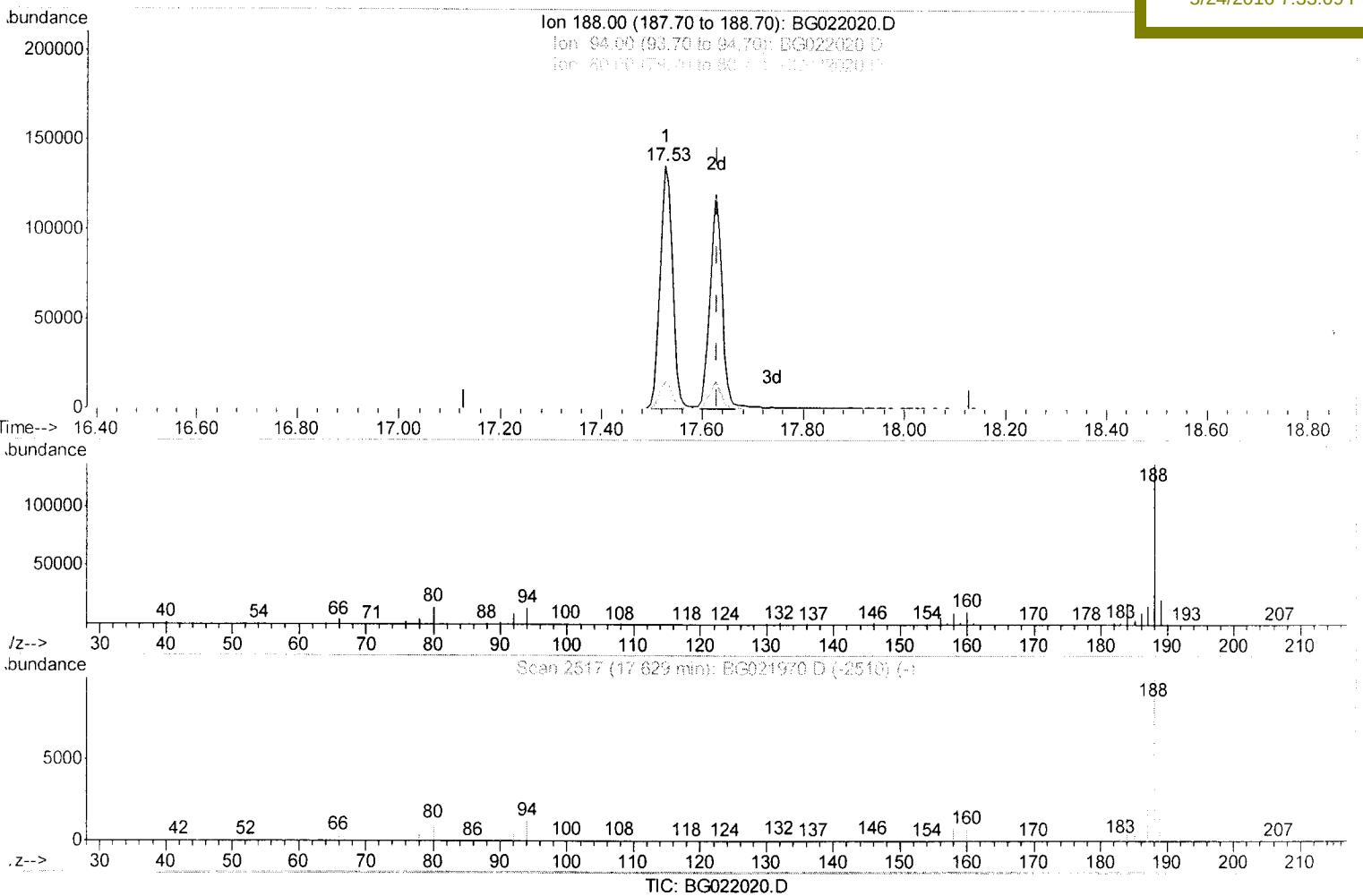
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052216\  
 Data File : BG022020.D  
 Acq On : 22 May 2016 20:03  
 Operator : UM/SJ  
 Sample : H3204-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XK1

Quant Time: May 24 10:17:52 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG051816.M  
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Manual Integrations  
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(26) Anthracene-d10 (S)

17.527min (-0.102) 21.70ng/ul

response 232658

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.70 | 10.73 |
| 80.00  | 10.80 | 11.16 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

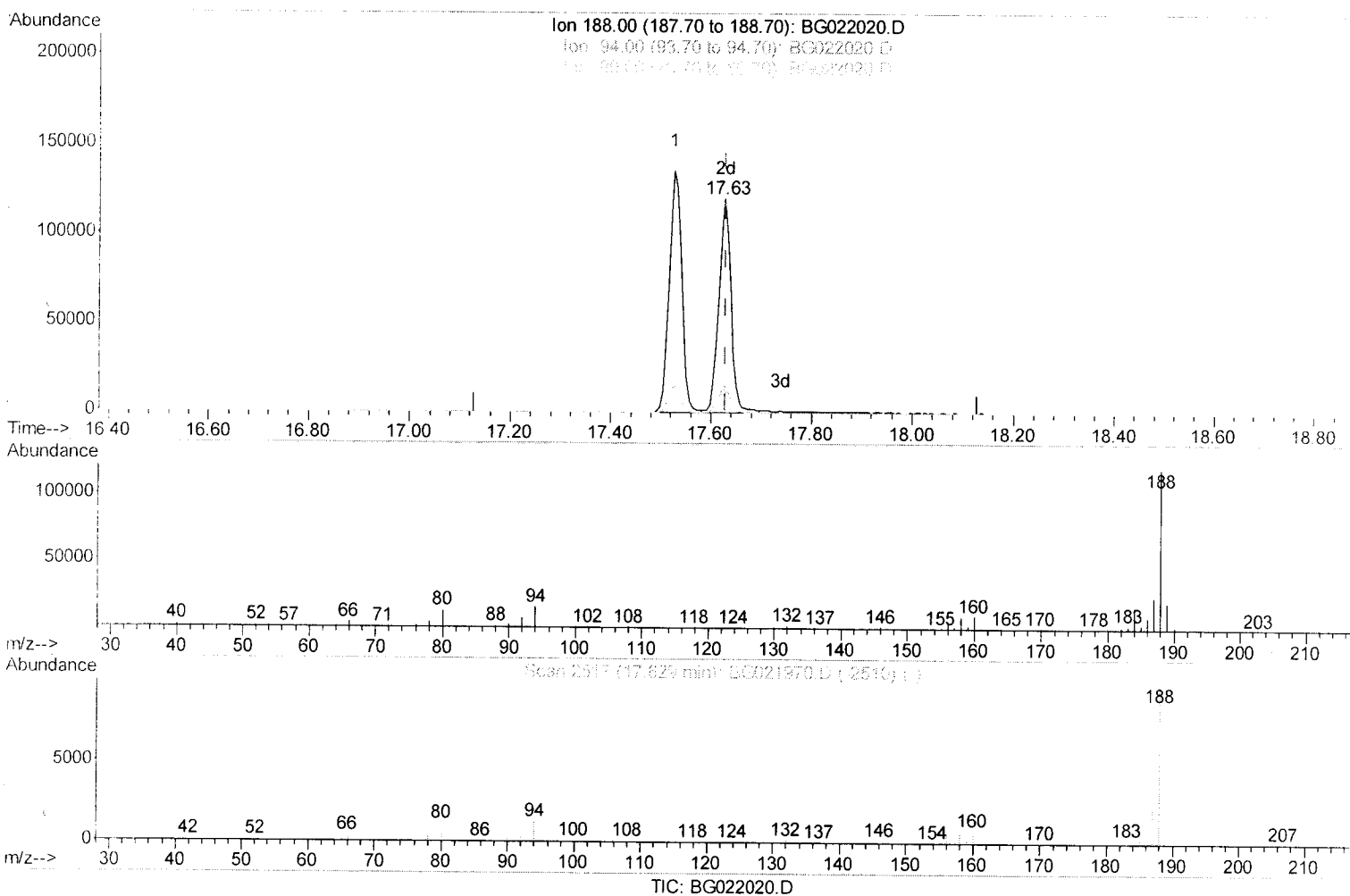
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052216\  
 Data File : BG022020.D  
 Acq On : 22 May 2016 20:03  
 Operator : UM/SJ  
 Sample : H3204-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XK1

Manual Integrations  
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(26) Anthracene-d10 (S)

17.627min (-0.002) 18.91ng/ul m

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response 202676

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 188.00 | 100   | 100    |
| 94.00  | 10.70 | 12.88# |
| 80.00  | 10.80 | 10.63  |
| 0.00   | 0.00  | 0.00   |

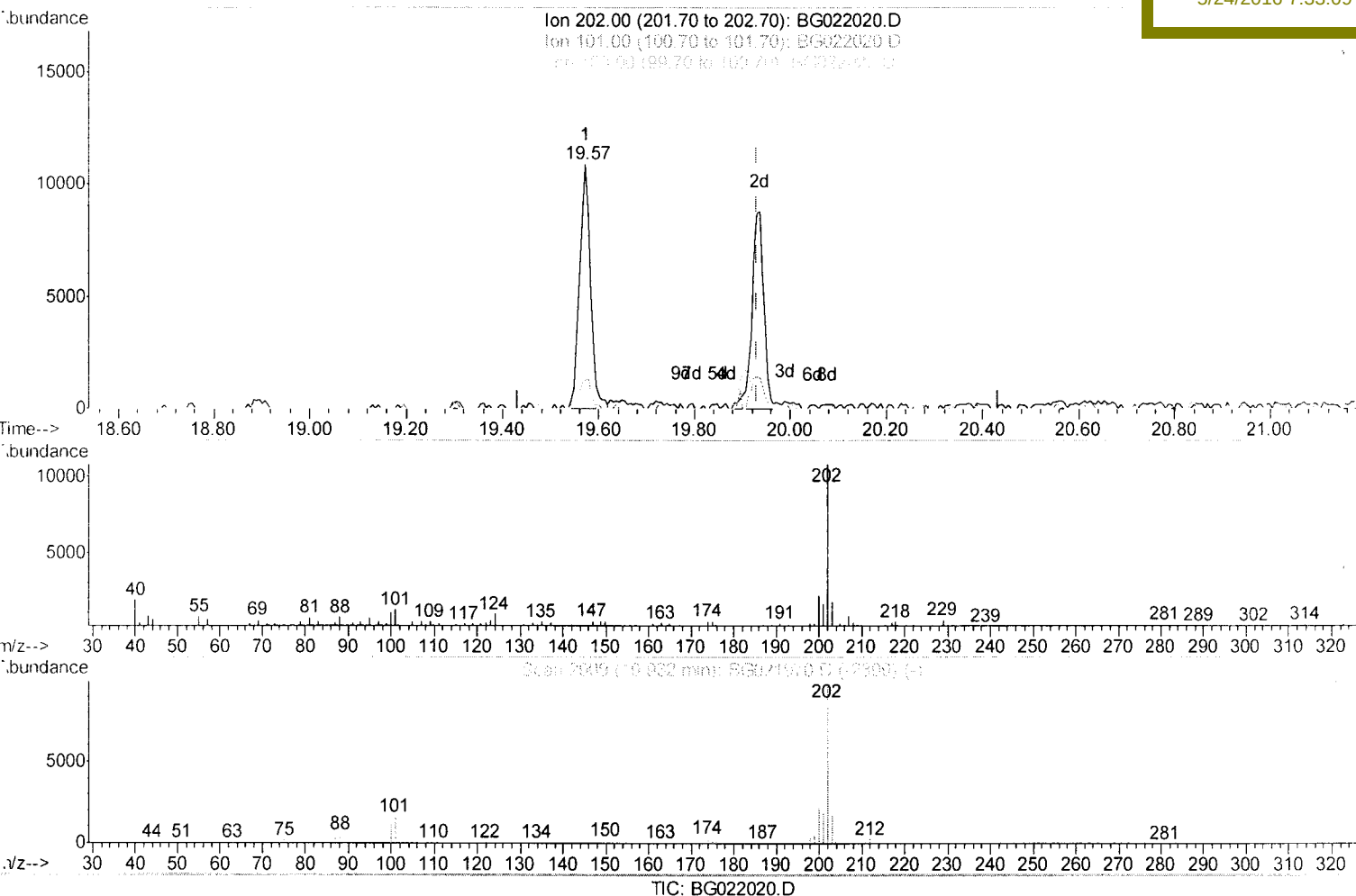
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052216\  
Data File : BG022020.D  
Acq On : 22 May 2016 20:03  
Operator : UM/SJ  
Sample : H3204-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
D9XK1

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Manual Integrations  
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(31) Pyrene

19.571min (-0.361) 1.24ng/ul

response 17137

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 12.30 | 11.50 |
| 100.00 | 11.60 | 9.49  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

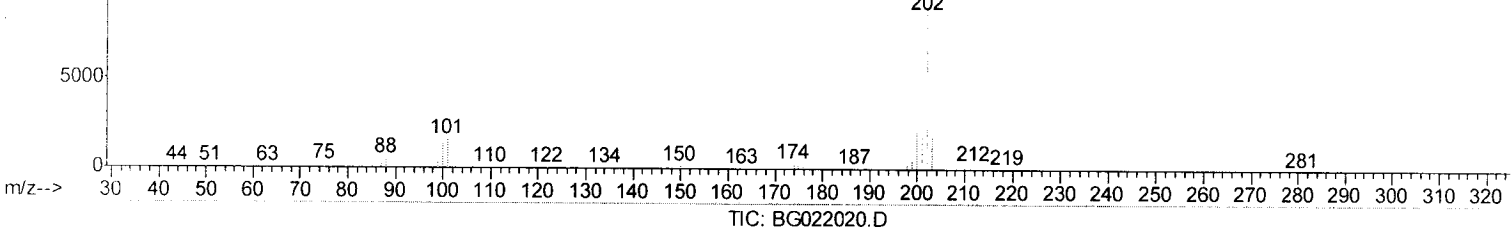
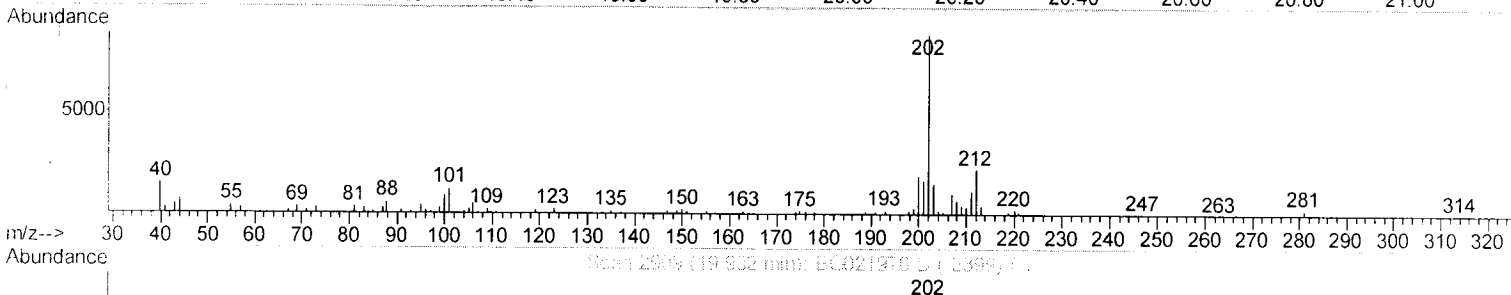
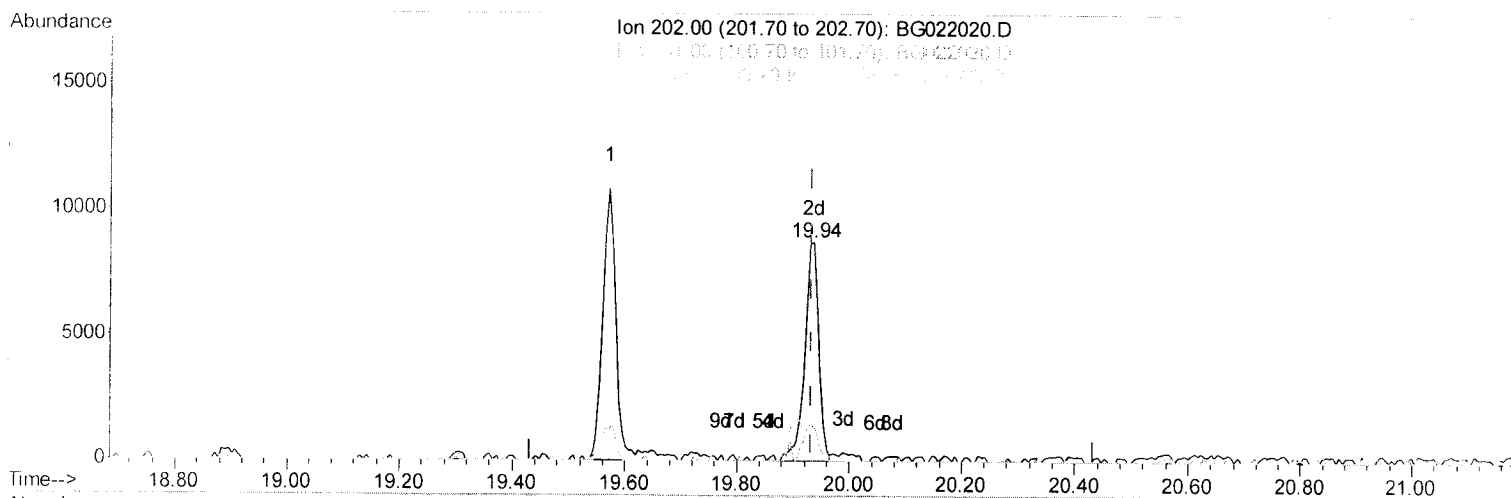
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052216\  
 Data File : BG022020.D  
 Acq On : 22 May 2016 20:03  
 Operator : UM/SJ  
 Sample : H3204-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XK1

Manual Integrations  
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 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG051816.M  
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 QLast Update : Fri May 20 08:11:42 2016  
 Response via : Initial Calibration



(31) Pyrene

19.936min (+0.004) 1.10ng/ul m

response 15187

| ion    | Exp%  | Act%   |
|--------|-------|--------|
| 202.00 | 100   | 100    |
| 101.00 | 12.30 | 15.51# |
| 100.00 | 11.60 | 12.06  |
| 0.00   | 0.00  | 0.00   |

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## Quantitation Report (Qedit)

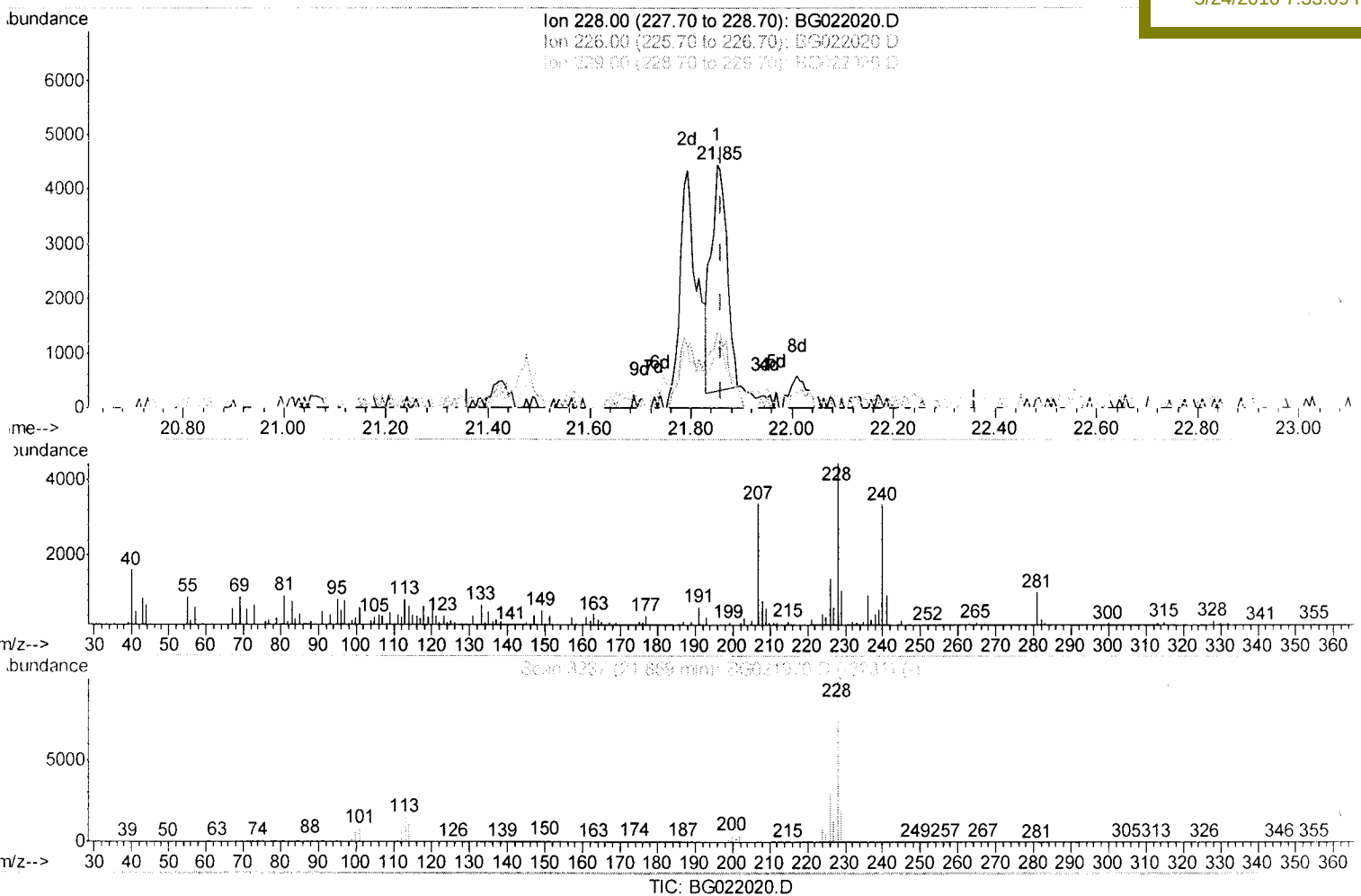
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052216\  
Data File : BG022020.D  
Acq On : 22 May 2016 20:03  
Operator : UM/SJ  
Sample : H3204-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
D9XK1

Manual Integrations  
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Response via : Initial Calibration



(33) Chrysene

21.851min (-0.008) 0.84ng/ul

response 9070

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.30 | 31.39 |
| 229.00 | 20.20 | 23.71 |
| 0.00   | 0.00  | 0.00  |



# Quantitation Report (Qedit)

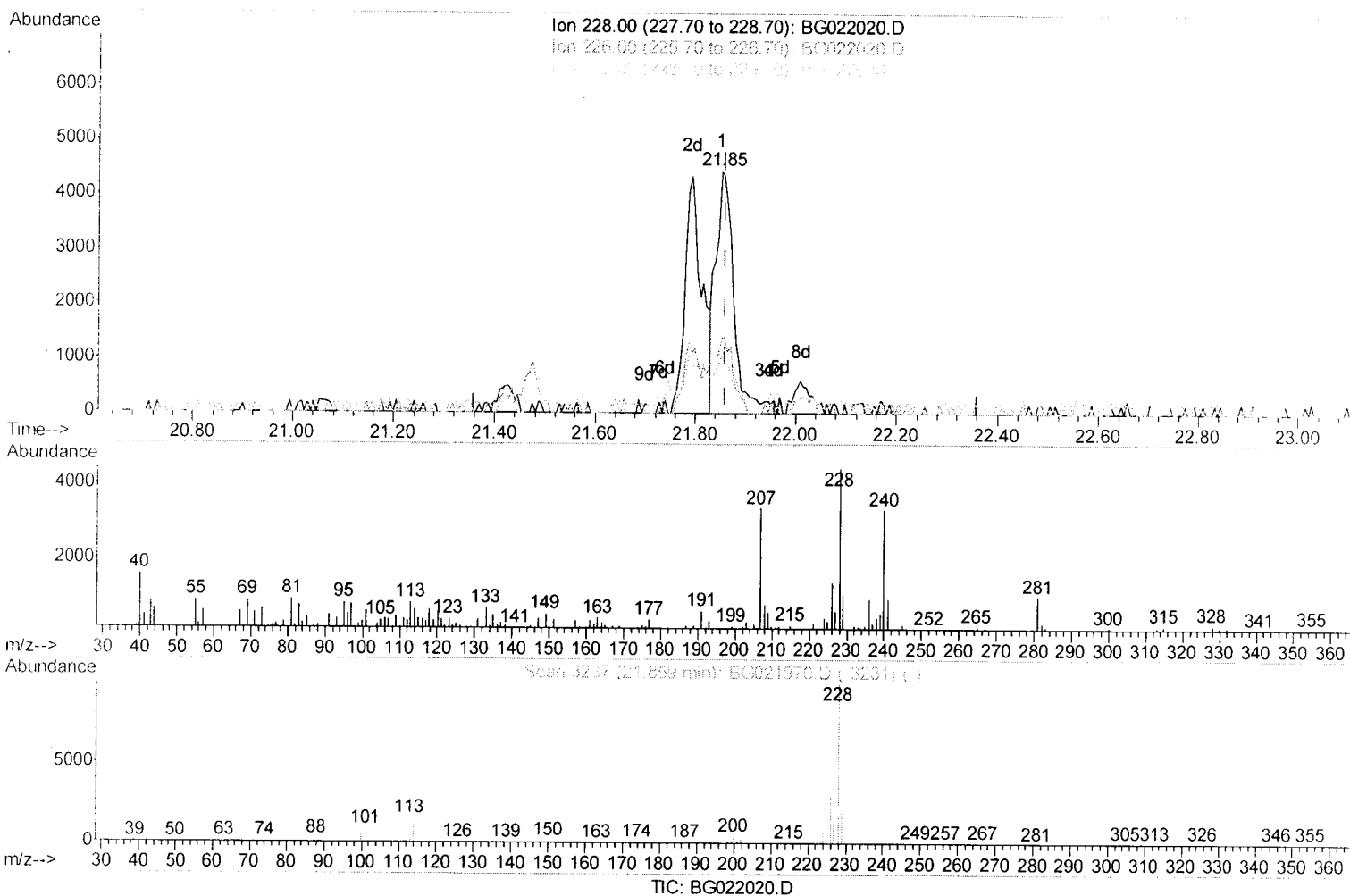
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052216\  
 Data File : BG022020.D  
 Acq On : 22 May 2016 20:03  
 Operator : UM/SJ  
 Sample : H3204-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XK1

Manual Integrations  
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Quant Time: May 24 10:17:52 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG051816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 20 08:11:42 2016  
 Response via : Initial Calibration



(33) Chrysene

21.851min (-0.008) 1.05ng/ul m

response 11310

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 228.00 | 100   | 100   |
| 226.00 | 29.30 | 31.39 |
| 229.00 | 20.20 | 23.71 |
| 0.00   | 0.00  | 0.00  |

0.07  
 05/25/16

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG052216\  
 Data File : BG022020.D  
 Acq On : 22 May 2016 20:03  
 Operator : UM/SJ  
 Sample : H3204-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 D9XK1

Quant Time: May 24 10:40:25 2016  
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 Quant Title : SVOA CALIBRATION  
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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 44511    | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 10.98 | 136  | 222431   | 20.00 | ng/ul | 0.00     |
| 15) Acenaphthene-d10      | 14.78 | 164  | 122401   | 20.00 | ng/ul | 0.00     |
| 23) Phenanthrene-d10      | 17.53 | 188  | 232658   | 20.00 | ng/ul | 0.00     |
| 29) Chrysene-d12          | 21.81 | 240  | 200055   | 20.00 | ng/ul | 0.00     |
| 34) Perylene-d12          | 25.14 | 264  | 190020   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.54  | 96  | 1273    | 1.31  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 7.31  | 99  | 63364   | 16.12 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d  | 7.48  | 67  | 35232   | 16.83 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.69  | 132 | 56847   | 17.62 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.87  | 113 | 53230   | 15.20 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 9.32  | 128 | 27080   | 17.35 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 10.05 | 143 | 30725   | 18.45 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 52790   | 17.94 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4         | 11.12 | 131 | 54949   | 23.71 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6       | 14.18 | 166 | 169439  | 17.95 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8          | 14.48 | 160 | 230835  | 18.99 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4           | 14.99 | 143 | 14773m  | 8.90  | ng/ul | 0.00 |
| 21) Fluorene-d10               | 15.77 | 176 | 149676  | 17.62 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.89 | 200 | 14200   | 12.30 | ng/ul | 0.00 |
| 26) Anthracene-d10             | 17.63 | 188 | 202676m | 18.91 | ng/ul | 0.00 |
| 30) Pyrene-d10                 | 19.91 | 212 | 202188  | 19.16 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12         | 24.91 | 264 | 162360  | 19.24 | ng/ul | 0.00 |

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| Target Compounds         | R.T.  | QIon | Response | Conc | Units  | Qvalue |
|--------------------------|-------|------|----------|------|--------|--------|
| 28) Fluoranthene         | 19.57 | 202  | 17137    | 1.33 | ng/ul  | 98     |
| 31) Pyrene               | 19.94 | 202  | 15187m   | 1.10 | ng/ul  |        |
| 33) Chrysene             | 21.85 | 228  | 11310m   | 1.05 | ng/ul  |        |
| 35) Benzo(b)fluoranthene | 24.08 | 252  | 17678    | 1.62 | ng/ul# | 92     |

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