



# Quantitation Report (Qedit)

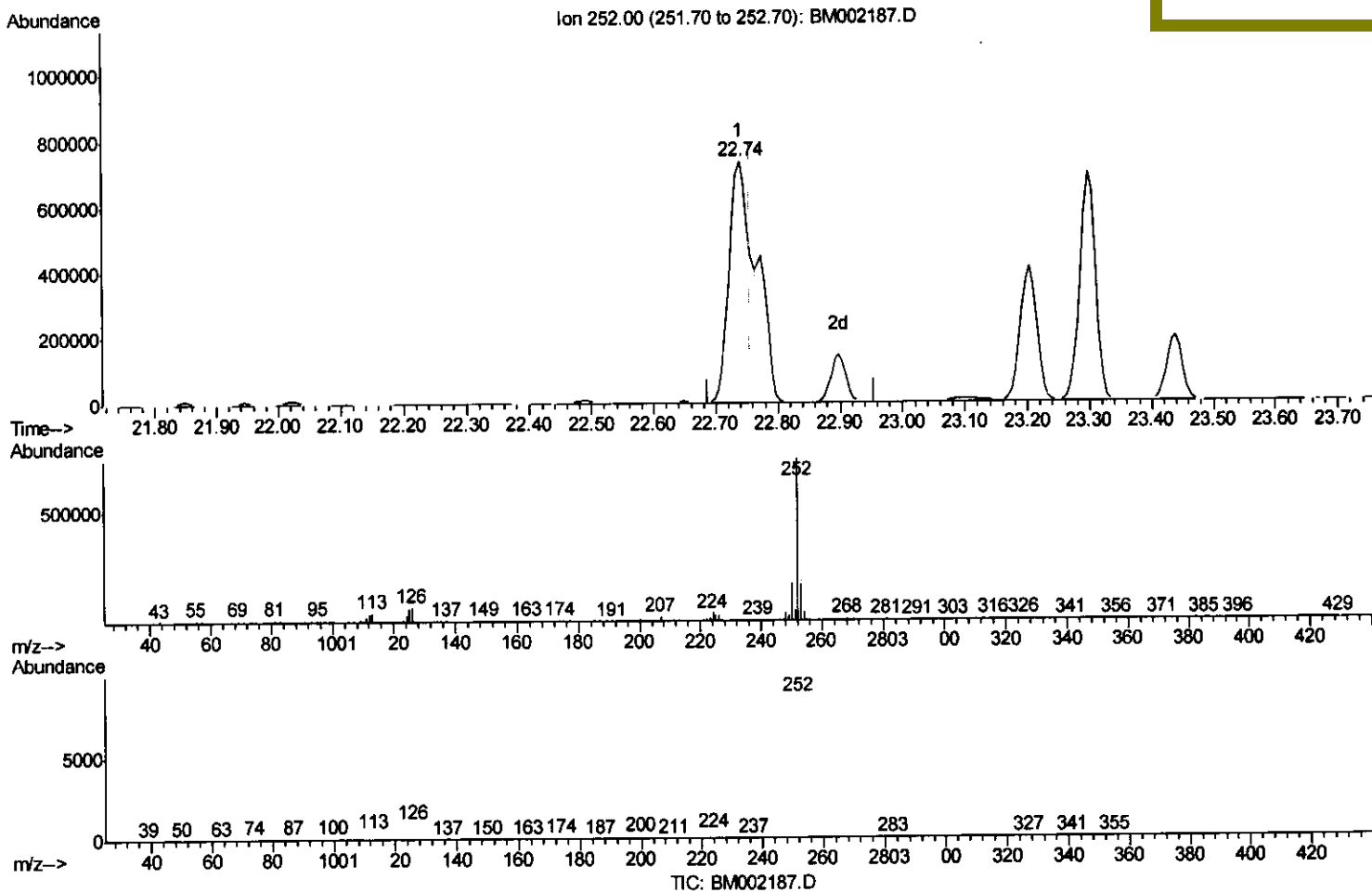
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM080215\  
 Data File : BM002187.D  
 Acq On : 03 Aug 2015 02:08  
 Operator : TP  
 Sample : G3095-12  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C01S3

Quant Time: Aug 03 04:32:44 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 03 02:05:53 2015  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

MMDadoda  
 8/3/2015 4:45:10 PM



(89) Benzo(k)fluoranthene

22.739min (-0.017) 34.21ng/ul

response 947150

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.70 | 22.62 |
| 125.00 | 7.80  | 8.24  |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

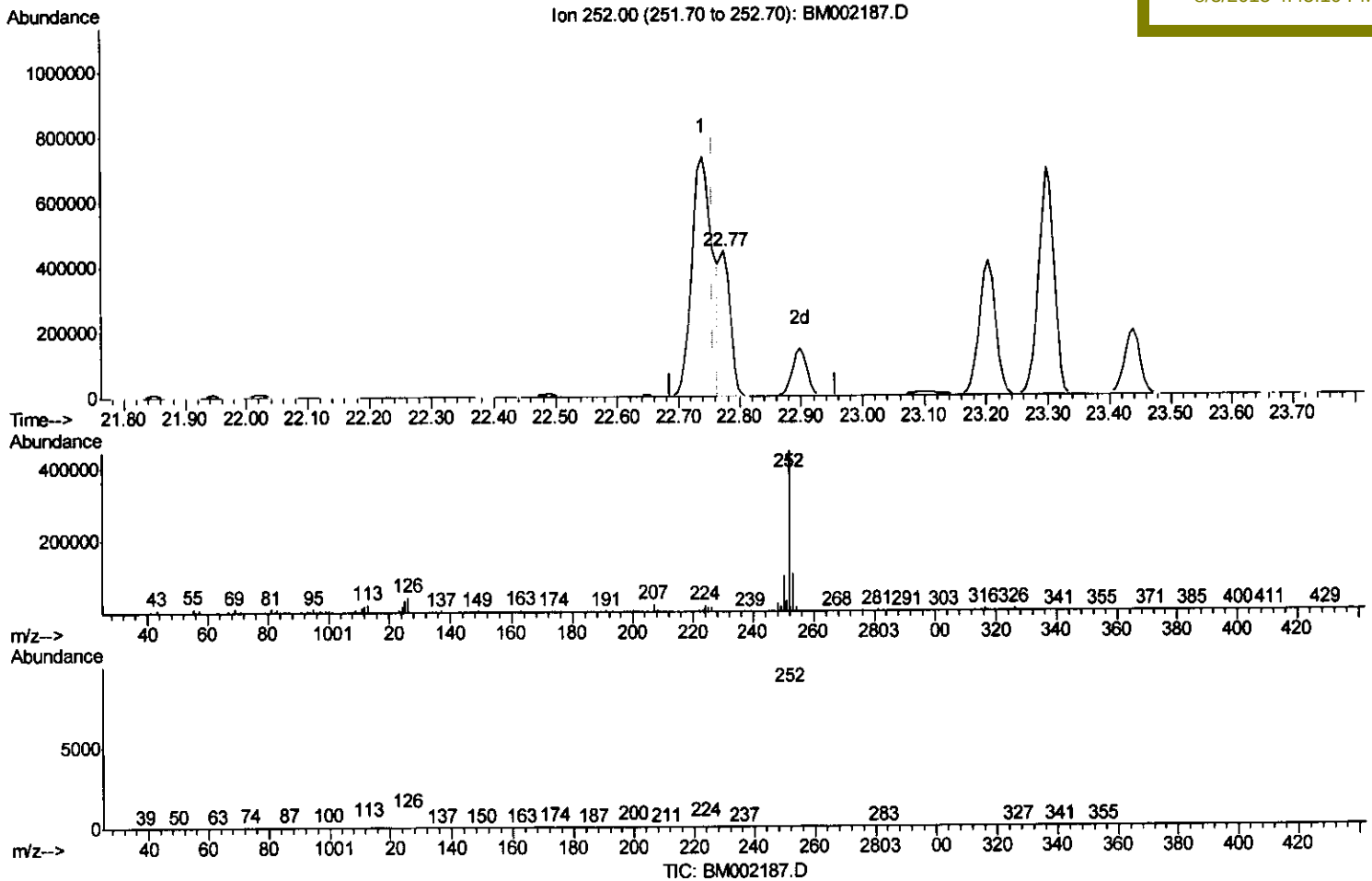
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM080215\  
 Data File : BM002187.D  
 Acq On : 03 Aug 2015 02:08  
 Operator : TP  
 Sample : G3095-12  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C01S3

Manual Integrations  
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Quant Time: Aug 03 04:32:44 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 03 02:05:53 2015  
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

22.774min (+0.018) 20.20ng/ul m U.A  
 response 559203 8/12/15

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 21.70 | 23.11 |
| 125.00 | 7.80  | 7.90  |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM080215\  
 Data File : BM002187.D  
 Acq On : 03 Aug 2015 02:08  
 Operator : TP  
 Sample : G3095-12  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C01S3

Quant Time: Aug 03 04:40:16 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072715.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Aug 03 02:05:53 2015  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

MMDadoda  
 8/3/2015 4:45:10 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 97980    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.35 | 136  | 427369   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.23 | 164  | 259644   | 20.00 | ng/ul | 0.01     |
| 62) Phenanthrene-d10      | 16.99 | 188  | 579056   | 20.00 | ng/ul | 0.01     |
| 78) Chrysene-d12          | 21.19 | 240  | 569501   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.39 | 264  | 510659   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.01  | 96  | 1900   | 1.00 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 55448  | 7.92 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67  | 29160  | 7.53 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 46230  | 7.79 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 46341  | 8.32 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 23021  | 7.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.44  | 143 | 22240  | 6.59 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 49049  | 7.54 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 51626  | 7.23 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.64 | 166 | 148162 | 7.79 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.92 | 160 | 183076 | 7.70 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.47 | 143 | 8125   | 2.56 | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.23 | 176 | 129777 | 7.76 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0      | 0.00 | ng/ul |      |
| 71) Anthracene-d10             | 17.08 | 188 | 196407 | 7.60 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.39 | 212 | 205577 | 8.57 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12         | 23.25 | 264 | 179377 | 7.25 | ng/ul | 0.02 |

## Target Compounds

|                            |       |     |         |       |        | Qvalue |
|----------------------------|-------|-----|---------|-------|--------|--------|
| 28) Naphthalene            | 10.40 | 128 | 42517   | 2.09  | ng/ul  | 98     |
| 45) Dimethylphthalate      | 13.69 | 163 | 45778   | 2.41  | ng/ul  | 98     |
| 48) Acenaphthylene         | 13.95 | 152 | 82059   | 3.34  | ng/ul  | 98     |
| 50) Acenaphthene           | 14.29 | 153 | 61643   | 3.83  | ng/ul  | 99     |
| 54) Dibenzofuran           | 14.63 | 168 | 37631   | 1.63  | ng/ul  | 96     |
| 59) Fluorene               | 15.28 | 166 | 65346   | 3.43  | ng/ul  | 99     |
| 70) Phenanthrene           | 17.03 | 178 | 1231179 | 41.05 | ng/ul  | 99     |
| 72) Anthracene             | 17.12 | 178 | 342044  | 11.16 | ng/ul  | 99     |
| 75) Carbazole              | 17.39 | 167 | 80274   | 3.07  | ng/ul  | 99     |
| 77) Fluoranthene           | 19.06 | 202 | 3233857 | 93.38 | ng/ul  | 98     |
| 80) Pyrene                 | 19.43 | 202 | 2878622 | 92.89 | ng/ul  | 99     |
| 83) Benzo(a)anthracene     | 21.18 | 228 | 1531888 | 48.52 | ng/ul  | 98     |
| 85) Chrysene               | 21.23 | 228 | 1384995 | 46.89 | ng/ul  | 97     |
| 88) Benzo(b)fluoranthene   | 22.74 | 252 | 1686271 | 58.77 | ng/ul  | 97     |
| 89) Benzo(k)fluoranthene   | 22.77 | 252 | 559203m | 20.20 | ng/ul  |        |
| 91) Benzo(a)pyrene         | 23.30 | 252 | 1222762 | 44.15 | ng/ul  | 98     |
| 92) Indeno(1,2,3-cd)pyrene | 25.61 | 276 | 776128  | 24.32 | ng/ul# | 96     |
| 93) Dibenzo(a,h)anthracene | 25.60 | 278 | 203639  | 7.46  | ng/ul# | 85     |
| 94) Benzo(g,h,i)perylene   | 26.29 | 276 | 709041  | 26.50 | ng/ul  | 96     |

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