

# Quantitation Report (QT Reviewed)

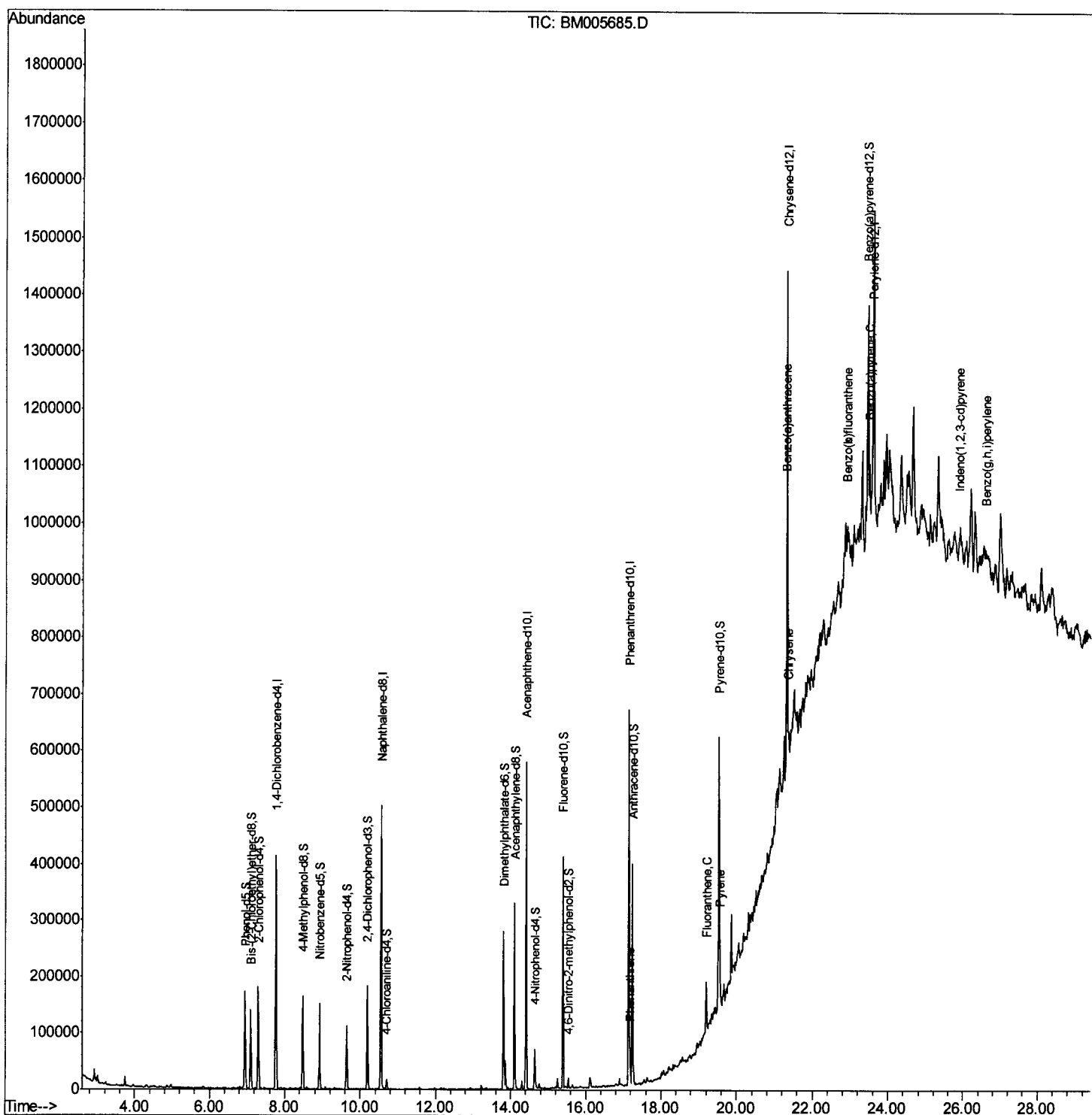
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM060616\  
 Data File : BM005685.D  
 Acq On : 07 Jun 2016 00:34  
 Operator : UM/SJ  
 Sample : H3412-19 2X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9XT8

Manual Integrations  
 APPROVED

sohil  
 6/7/2016 7:14:08 PM

Quant Time: Jun 07 05:17:36 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM060216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 07 04:25:20 2016  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

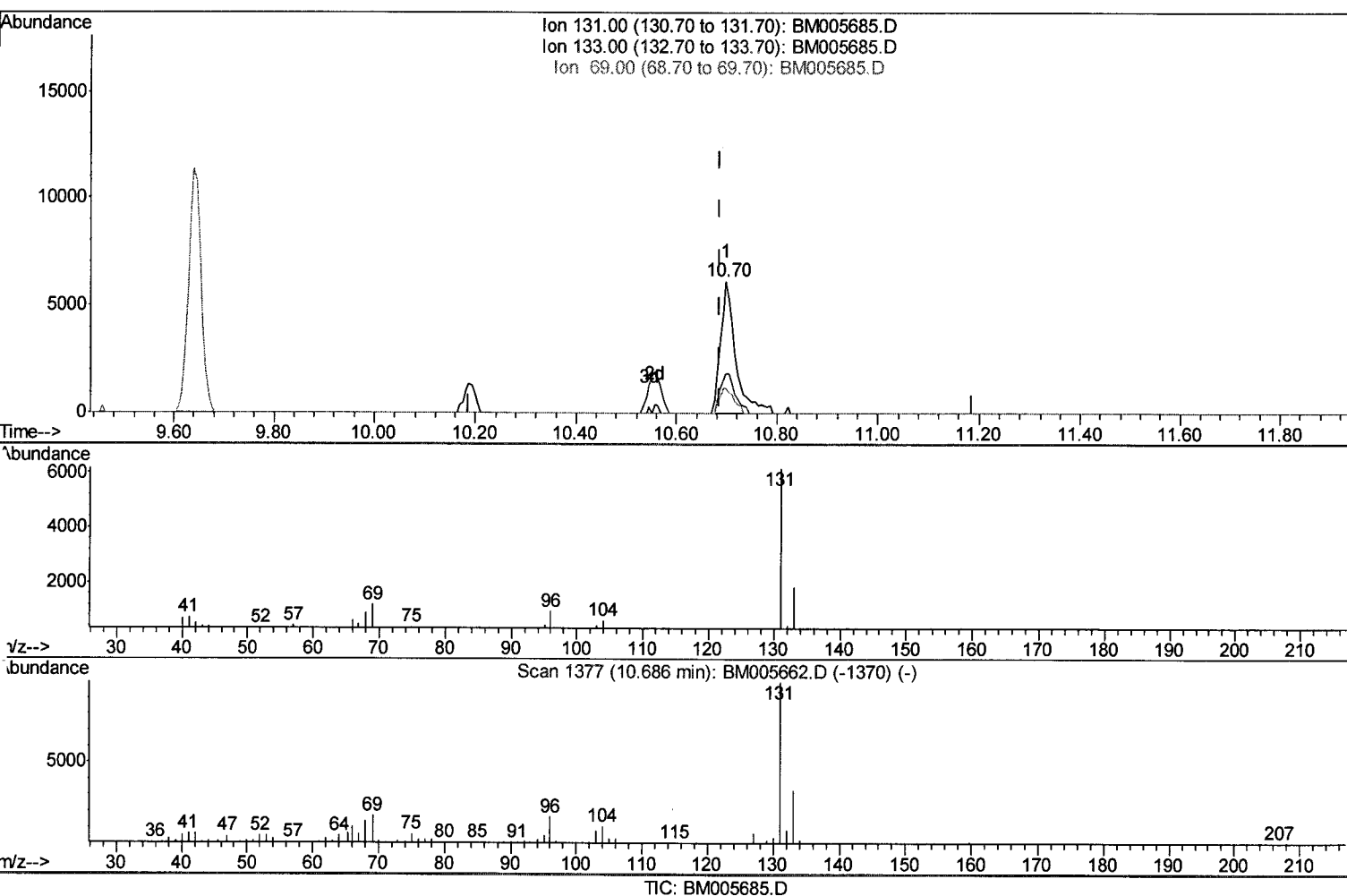
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM060616\  
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Quant Time: Jun 07 04:28:55 2016  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jun 07 04:25:20 2016  
 Response via : Initial Calibration



(12) 4-Chloroaniline-d4 (S)

10.698min (+0.012) 1.75ng/ul m

response 13051

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 131.00 | 100   | 100   |
| 133.00 | 34.60 | 30.06 |
| 69.00  | 23.00 | 19.31 |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (Qedit)

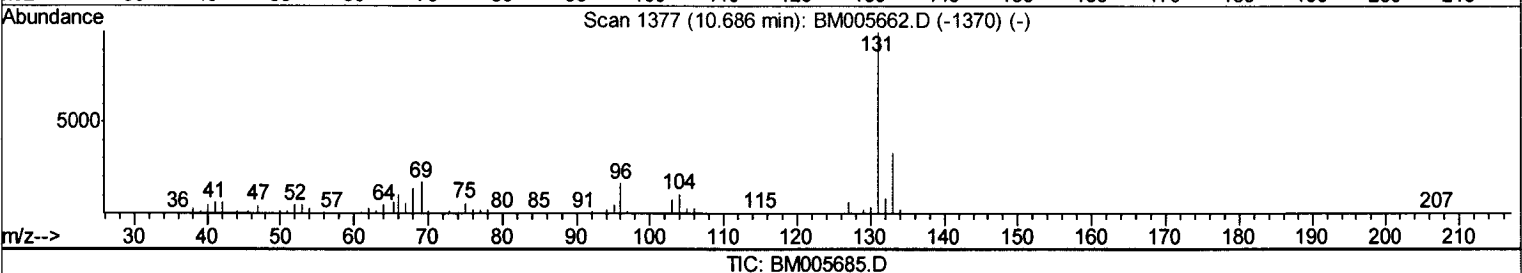
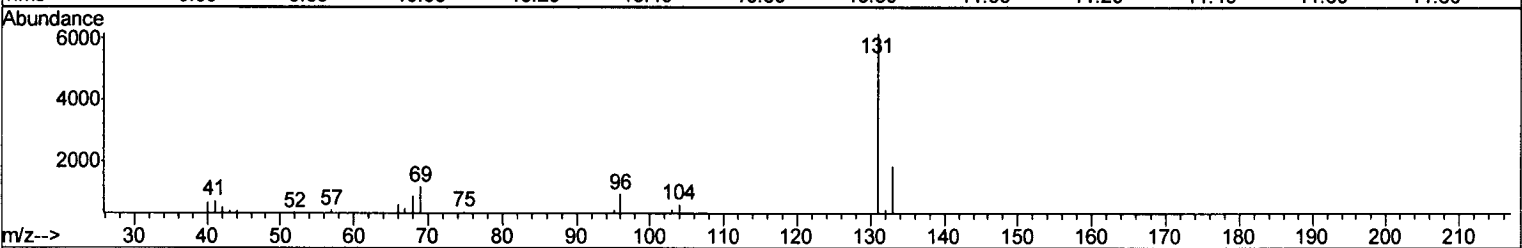
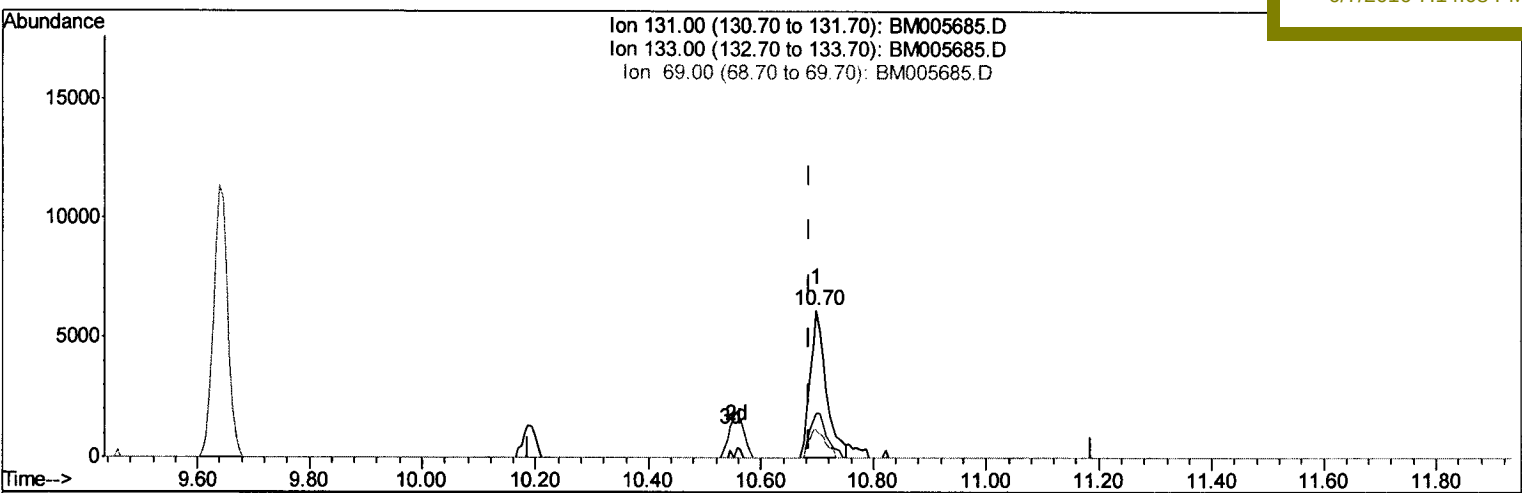
Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM060616\  
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Operator : UM/SJ  
Sample : H3412-19 2X  
Misc :  
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Instrument :  
BNA\_M  
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Manual Integrations  
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(12) 4-Chloroaniline-d4 (S)

10.698min (+0.012) 1.64ng/ul

response 12209

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 131.00 | 100   | 100   |
| 133.00 | 34.60 | 30.06 |
| 69.00  | 23.00 | 19.31 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM060616\  
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 Operator : UM/SJ  
 Sample : H3412-19 2X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9XT8

Quant Time: Jun 07 05:17:36 2016  
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 Quant Title : SVOA CALIBRATION  
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Manual Integrations  
 APPROVED

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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.76  | 152  | 108460   | 20.00 | ng/ul | 0.00     |
| 7) Naphthalene-d8         | 10.56 | 136  | 430189   | 20.00 | ng/ul | 0.00     |
| 15) Acenaphthene-d10      | 14.40 | 164  | 191959   | 20.00 | ng/ul | 0.00     |
| 23) Phenanthrene-d10      | 17.15 | 188  | 376183   | 20.00 | ng/ul | 0.00     |
| 29) Chrysene-d12          | 21.33 | 240  | 385060   | 20.00 | ng/ul | 0.00     |
| 34) Perylene-d12          | 23.60 | 264  | 396191   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 2) 1,4-Dioxane-d8              | 3.22  | 96  | 2317   | 0.90  | ng/uL | 0.00 |
| 3) Phenol-d5                   | 6.95  | 99  | 100100 | 10.50 | ng/ul | 0.01 |
| 4) Bis-(2-Chloroethyl) ether-d | 7.10  | 67  | 62814  | 10.83 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4           | 7.30  | 132 | 84616  | 10.76 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8           | 8.48  | 113 | 64432  | 8.54  | ng/ul | 0.00 |
| 8) Nitrobenzene-d5             | 8.92  | 128 | 37033  | 11.21 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4            | 9.64  | 143 | 36918  | 10.44 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3      | 10.19 | 165 | 67019  | 10.67 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4         | 10.70 | 131 | 13051m | 1.75  | ng/ul | 0.01 |
| 16) Dimethylphthalate-d6       | 13.81 | 166 | 179996 | 12.20 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8          | 14.10 | 160 | 229945 | 11.98 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4           | 14.64 | 143 | 19235  | 9.10  | ng/ul | 0.02 |
| 21) Fluorene-d10               | 15.40 | 176 | 154222 | 12.17 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 3654   | 2.06  | ng/ul | 0.00 |
| 26) Anthracene-d10             | 17.24 | 188 | 219535 | 12.29 | ng/ul | 0.00 |
| 30) Pyrene-d10                 | 19.54 | 212 | 235458 | 12.17 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12         | 23.46 | 264 | 223369 | 12.25 | ng/ul | 0.01 |

U.M  
 06/08/16

## Target Compounds

|                            |       |     |       |      |        | Qvalue |
|----------------------------|-------|-----|-------|------|--------|--------|
| 25) Phenanthrene           | 17.19 | 178 | 20866 | 1.00 | ng/ul  | 94     |
| 28) Fluoranthene           | 19.21 | 202 | 52858 | 2.49 | ng/ul  | 98     |
| 31) Pyrene                 | 19.57 | 202 | 50959 | 2.10 | ng/ul  | 97     |
| 32) Benzo(a)anthracene     | 21.32 | 228 | 30613 | 1.36 | ng/ul# | 85     |
| 33) Chrysene               | 21.37 | 228 | 35698 | 1.67 | ng/ul# | 85     |
| 35) Benzo(b)fluoranthene   | 22.91 | 252 | 55094 | 2.31 | ng/ul# | 73     |
| 36) Benzo(k)fluoranthene   | 22.91 | 252 | 55094 | 2.46 | ng/ul# | 72     |
| 38) Benzo(a)pyrene         | 23.50 | 252 | 33608 | 1.46 | ng/ul# | 59     |
| 39) Indeno(1,2,3-cd)pyrene | 25.90 | 276 | 29897 | 1.10 | ng/ul# | 66     |
| 41) Benzo(g,h,i)perylene   | 26.61 | 276 | 33768 | 1.48 | ng/ul# | 67     |

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