

# Quantitation Report (QT Reviewed)

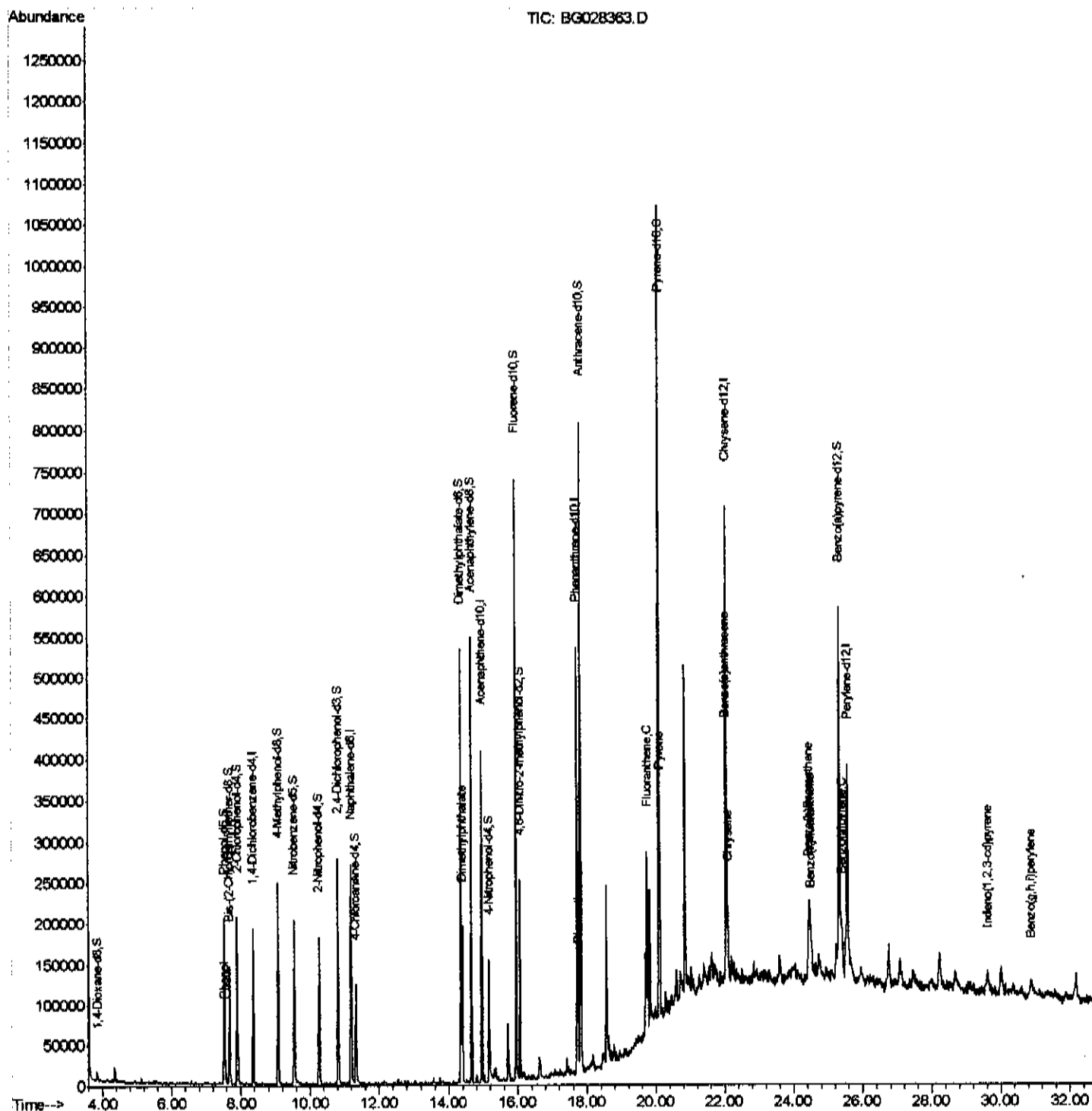
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\  
 Data File : BG028363.D  
 Acq On : 16 Aug 2017 3:57  
 Operator : SJ/JU  
 Sample : I4672-10  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 COAJ0

Manual Integrations  
 APPROVED

Sohil  
 8/16/2017 6:40:32 PM

Quant Time: Aug 16 09:14:35 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration



# Quantitation Report (Qedit)

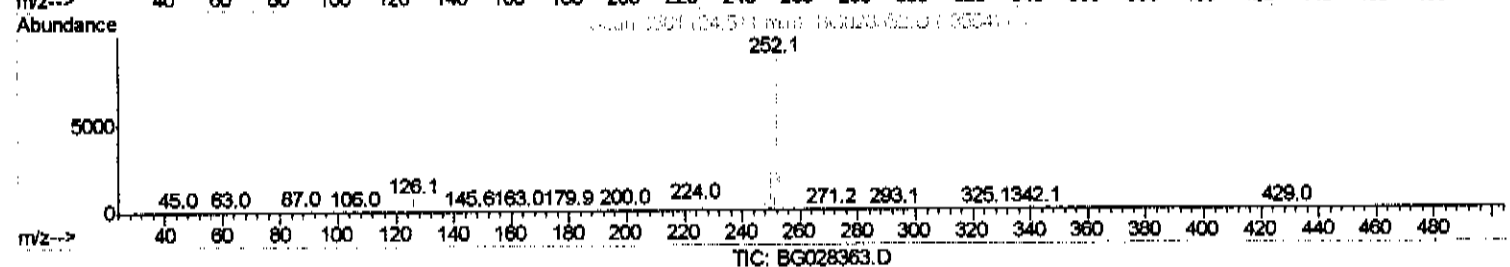
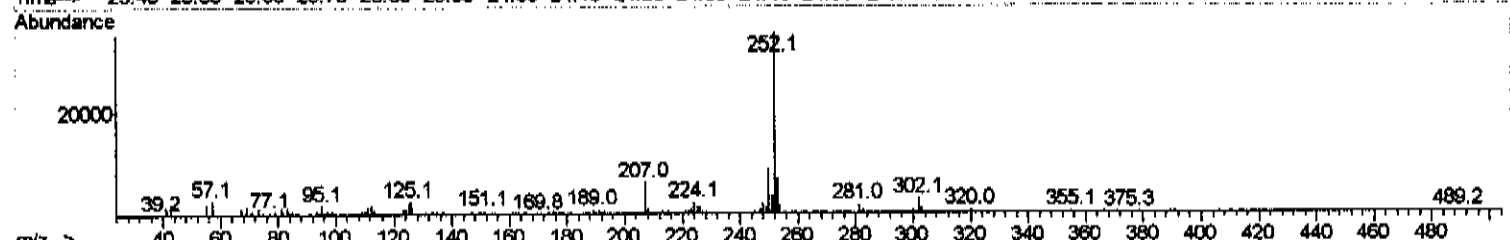
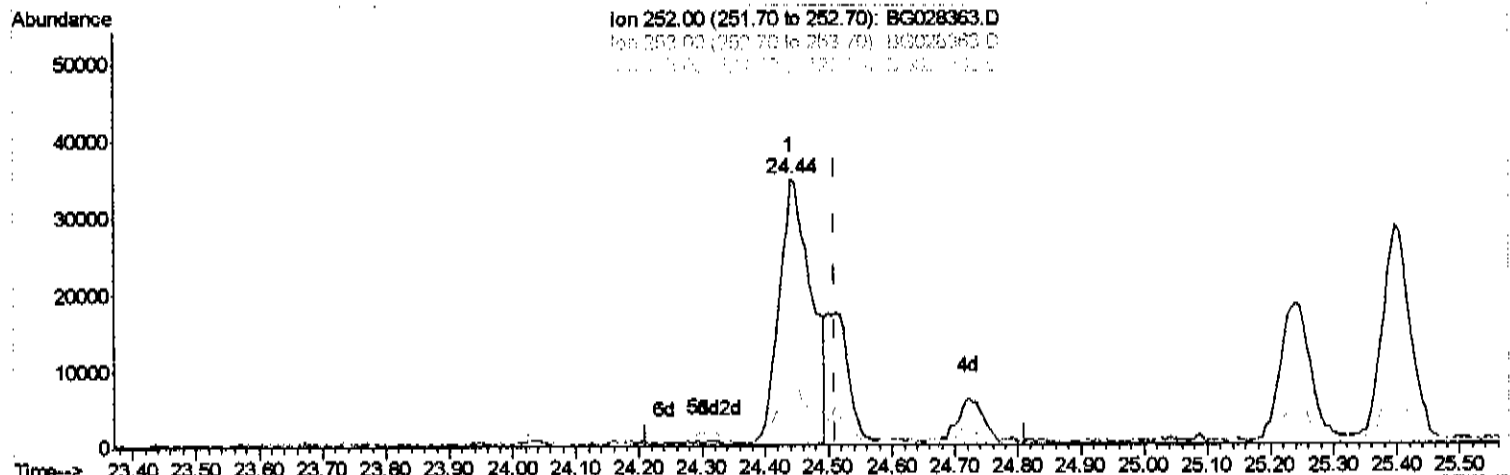
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(86) Benzo(k)fluoranthene  
 24.440min (-0.071) 5.95ng/ul  
 response 123426

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 20.45 |
| 125.00 | 5.10  | 7.56% |
| 0.00   | 0.00  | 0.00  |

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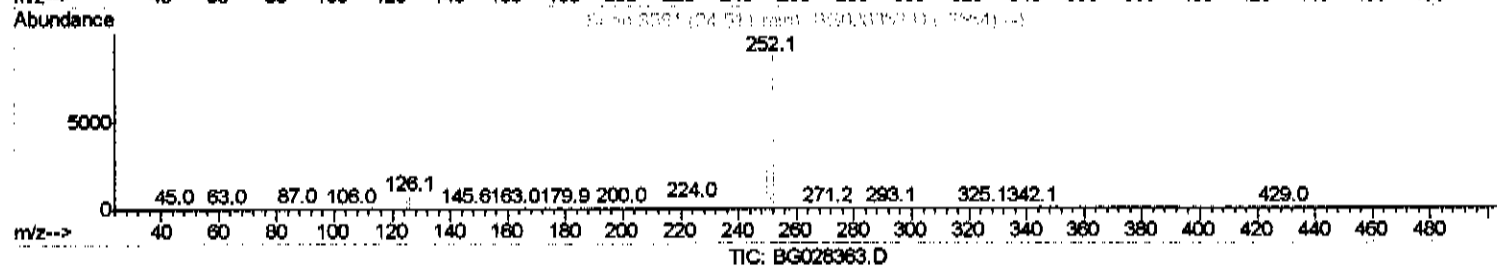
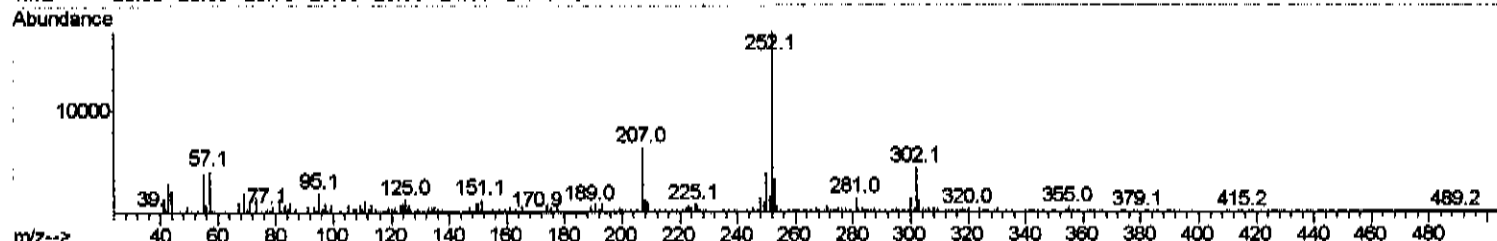
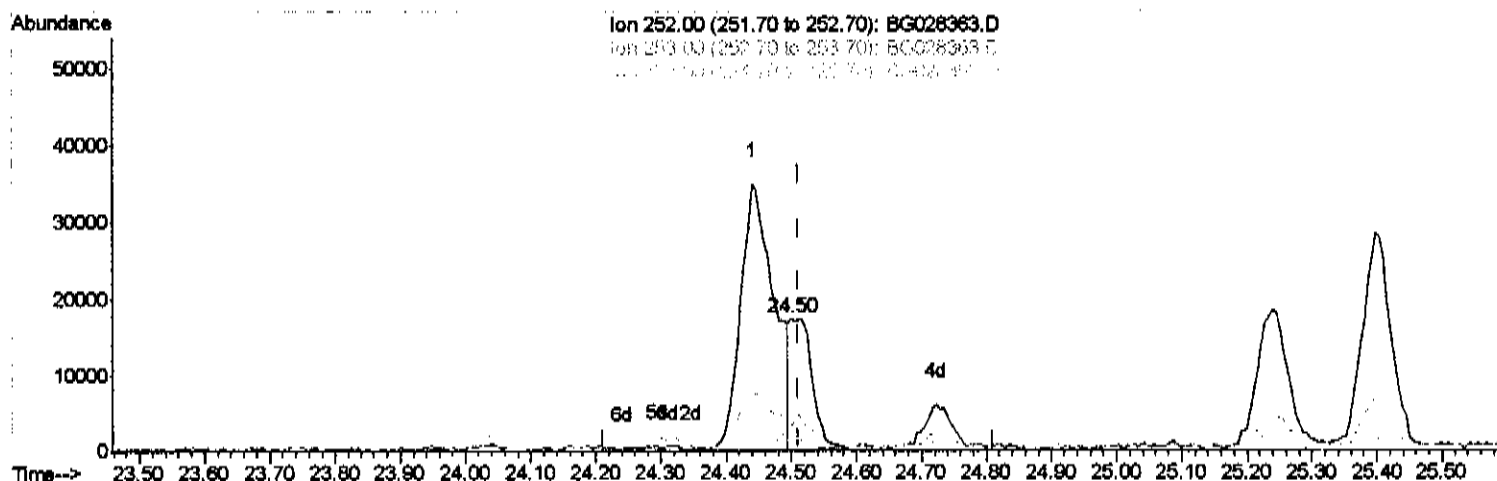
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 C0AJ0

Manual Integrations  
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Quant Time: Aug 16 09:08:14 2017  
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 QLast Update : Wed Aug 16 04:06:35 2017  
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

24.499min (-0.012) 1.95ng/ul m

response 40416

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 23.10 | 19.24 |
| 125.00 | 5.10  | 8.23# |
| 0.00   | 0.00  | 0.00  |

## Quantitation Report (QT Reviewed)

Instrument :  
BNA\_G  
ClientSampled :  
COAJ0

Manual Integrations  
APPROVED

Sohil  
8/16/2017 6:40:32 PM

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Quant Time: Aug 16 09:14:35 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Aug 16 04:06:35 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.36  | 152  | 52118    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.18 | 136  | 224598   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.97 | 164  | 147151   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.71 | 188  | 332619   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.05 | 240  | 362031   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.57 | 264  | 355041   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.85  | 96   | 3950     | 3.53  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.51  | 99   | 122107   | 21.33 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.67  | 67   | 76075    | 20.99 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.89  | 132  | 89270    | 24.72 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 9.06  | 113  | 99768    | 20.85 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.53  | 128  | 47432    | 27.01 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.25 | 143  | 55038    | 28.58 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.80 | 165  | 107776   | 27.05 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.31 | 131  | 73853    | 16.65 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 14.35 | 166  | 360790   | 27.57 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.66 | 160  | 412353   | 27.94 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.17 | 143  | 44476    | 21.37 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.96 | 176  | 309008   | 26.32 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 16.07 | 200  | 57891    | 26.79 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.81 | 188  | 482482   | 30.25 | ng/ul | 0.00     |
| 76) Pvrene-d10                 | 20.09 | 212  | 558483   | 30.08 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.33 | 264  | 516770   | 31.09 | ng/ul | 0.01     |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol                  | 7.54  | 94   | 6607     | 1.161 | ng/ul# | 84     |
| 44) Dimethylphthalate      | 14.40 | 163  | 113541   | 9.422 | ng/ul  | 99     |
| 69) Phenanthrene           | 17.75 | 178  | 64772    | 3.869 | ng/ul  | 95     |
| 74) Fluoranthene           | 19.75 | 202  | 144546   | 7.105 | ng/ul  | 99     |
| 77) Pvrene                 | 20.12 | 202  | 127672   | 5.911 | ng/ul  | 98     |
| 80) Benzo(a)anthracene     | 22.03 | 228  | 85009    | 4.064 | ng/ul  | 99     |
| 82) Chrysene               | 22.10 | 228  | 79375    | 4.213 | ng/ul  | 95     |
| 85) Benzo(b)fluoranthene   | 24.44 | 252  | 123426   | 5.809 | ng/ul# | 96     |
| 86) Benzo(k)fluoranthene   | 24.50 | 252  | 40416m   | 1.947 | ng/ul  | 96     |
| 88) Benzo(a)pyrene         | 25.40 | 252  | 87065    | 4.232 | ng/ul  | 96     |
| 89) Indeno(1,2,3-cd)pyrene | 29.60 | 276  | 56255    | 2.335 | ng/ul# | 90     |
| 91) Benzo(g,h,i)perylene   | 30.88 | 276  | 45359    | 2.289 | ng/ul# | 85     |

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