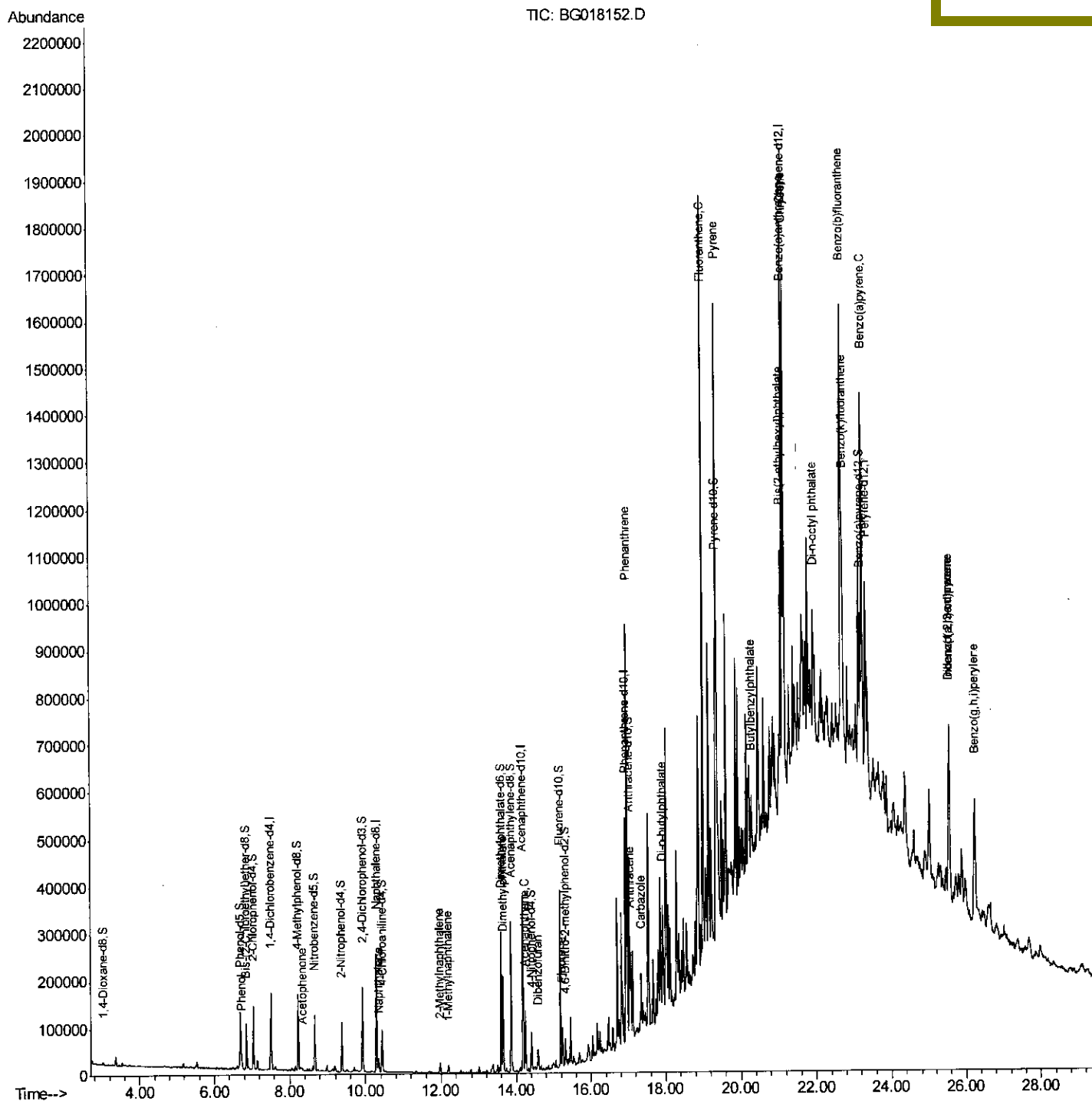


(QT Reviewed)

Quant Time: Jul 29 02:17:33 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 29 01:59:28 2015  
Response via : Initial Calibration

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# Quantitation Report (Qedit)

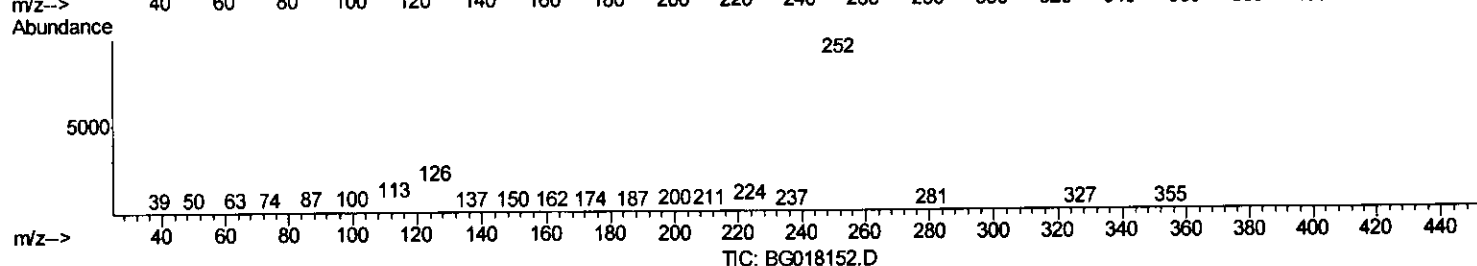
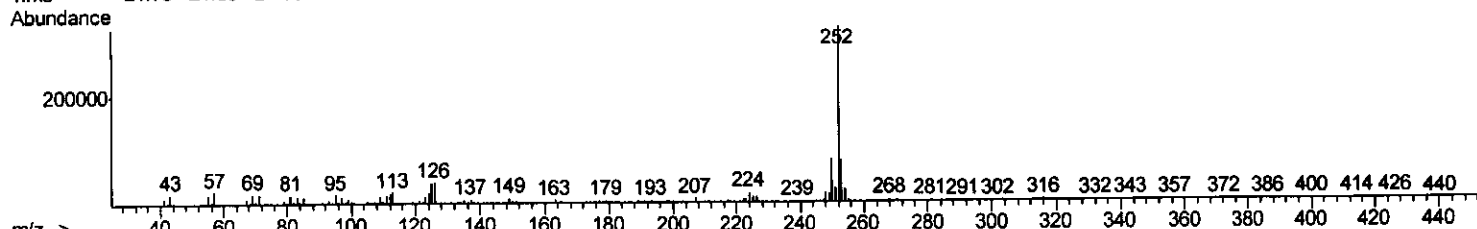
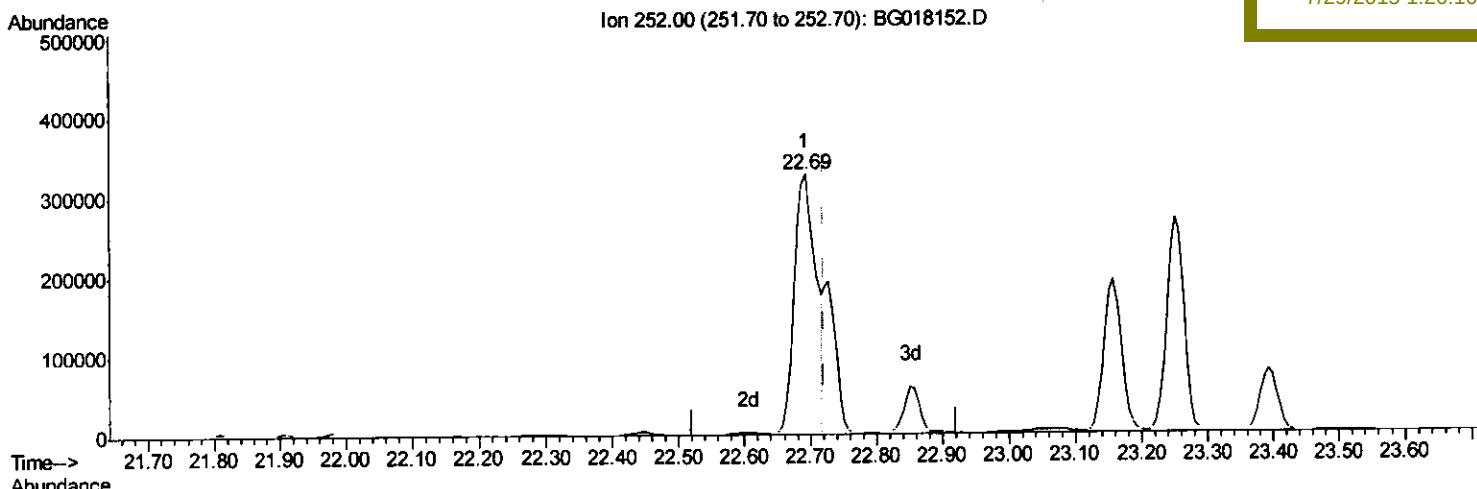
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
 Data File : BG018152.D  
 Acq On : 28 Jul 2015 18:36  
 Operator : TP/UM  
 Sample : G3030-19  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C02K0

Quant Time: Jul 29 02:01:41 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 29 01:59:28 2015  
 Response via : Initial Calibration

Manual Integrations  
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(89) Benzo(k)fluoranthene

22.693min (-0.028) 46.69ng/ul

response 737525

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.30 | 24.17 |
| 125.00 | 11.60 | 11.75 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

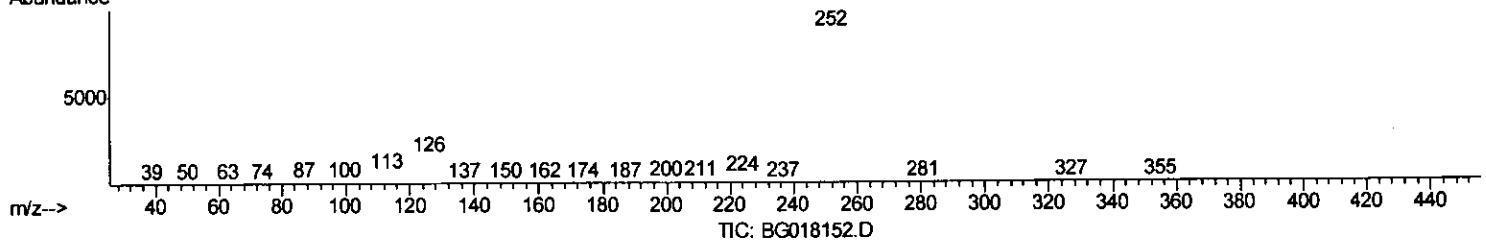
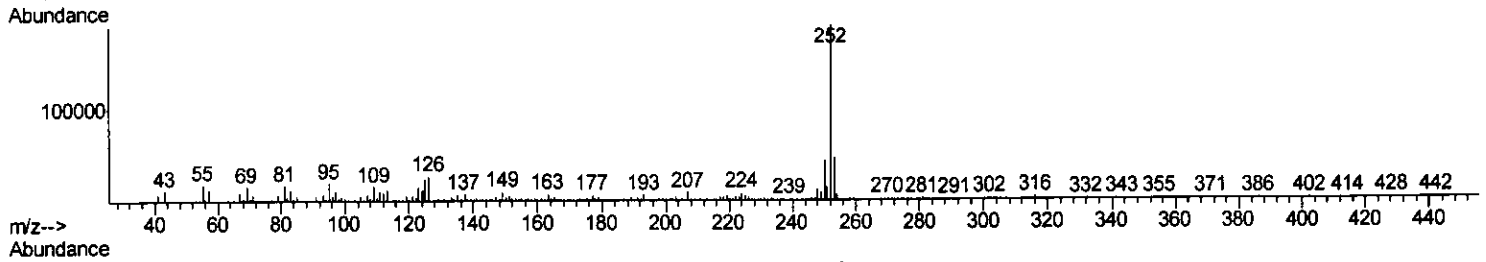
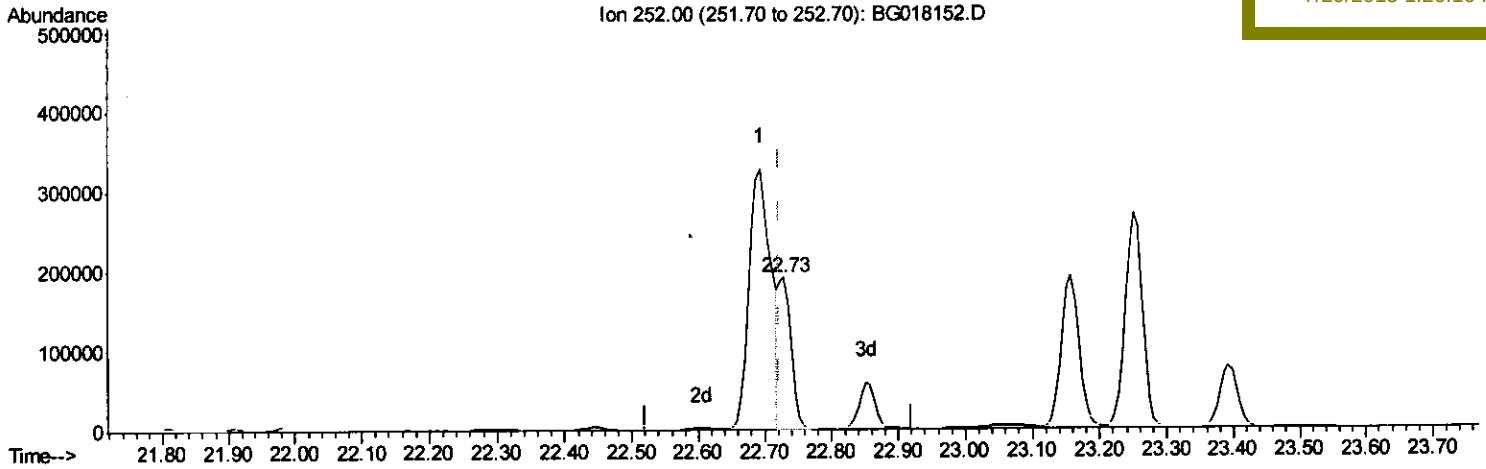
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
 Data File : BG018152.D  
 Acq On : 28 Jul 2015 18:36  
 Operator : TP/UM  
 Sample : G3030-19  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C02K0

Quant Time: Jul 29 02:01:41 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG072315.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 29 01:59:28 2015  
 Response via : Initial Calibration

Manual Integrations  
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(89) Benzo(k)fluoranthene

22.728min (+0.007) 15.83ng/ul m

response 250079

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 22.30 | 23.83 |
| 125.00 | 11.60 | 12.17 |
| 0.00   | 0.00  | 0.00  |

T.P  
 7/30/15

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
 Data File : BG018152.D  
 Acq On : 28 Jul 2015 18:36  
 Operator : TP/UM  
 Sample : G3030-19  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C02K0

Quant Time: Jul 29 02:17:33 2015  
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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 | 7.51  | 152  | 46731    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.29 | 136  | 212418   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.18 | 164  | 130479   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.93 | 188  | 260120   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.15 | 240  | 284924   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.35 | 264  | 297879   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.02  | 96   | 3024     | 4.04  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.69  | 99   | 73487    | 20.39 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.85  | 67   | 36290    | 20.39 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.04  | 132  | 72438    | 22.66 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.23  | 113  | 64931    | 20.31 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.66  | 128  | 37837    | 22.53 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.38  | 143  | 41523    | 23.42 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 9.92  | 165  | 69554    | 22.54 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.44 | 131  | 58255    | 16.23 | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.60 | 166  | 205718   | 22.46 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 13.87 | 160  | 229178   | 20.36 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.40 | 143  | 25900    | 13.44 | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.18 | 176  | 155711   | 18.39 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.31 | 200  | 16276    | 9.79  | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.03 | 188  | 212705   | 18.88 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.34 | 212  | 223123   | 17.09 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.20 | 264  | 241039   | 16.96 | ng/ul | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol                      | 6.72  | 94   | 12201    | 3.31  | ng/ul# | 90     |
| 14) Acetophenone               | 8.33  | 105  | 4530     | 1.01  | ng/ul  | 94     |
| 28) Naphthalene                | 10.34 | 128  | 22936    | 2.30  | ng/ul  | 97     |
| 34) 2-Methylnaphthalene        | 11.97 | 142  | 11993    | 1.60  | ng/ul  | 95     |
| 35) 1-Methylnaphthalene        | 12.19 | 142  | 9181     | 1.25  | ng/ul# | 91     |
| 45) Dimethylphthalate          | 13.64 | 163  | 132738   | 14.40 | ng/ul  | 98     |
| 50) Acenaphthene               | 14.24 | 153  | 48853    | 6.31  | ng/ul  | 100    |
| 54) Dibenzofuran               | 14.58 | 168  | 27274    | 2.48  | ng/ul  | 98     |
| 59) Fluorene                   | 15.24 | 166  | 35023    | 3.70  | ng/ul  | 99     |
| 70) Phenanthrene               | 16.98 | 178  | 518389   | 39.66 | ng/ul  | 99     |
| 72) Anthracene                 | 17.07 | 178  | 116191   | 8.76  | ng/ul  | 98     |
| 75) Carbazole                  | 17.35 | 167  | 73969    | 6.43  | ng/ul  | 98     |
| 76) Di-n-butylphthalate        | 17.92 | 149  | 163696   | 10.82 | ng/ul  | 98     |
| 77) Fluoranthene               | 19.01 | 202  | 942307   | 67.68 | ng/ul  | 97     |
| 80) Pyrene                     | 19.38 | 202  | 827318   | 50.70 | ng/ul  | 98     |
| 81) Butylbenzylphthalate       | 20.30 | 149  | 40802    | 6.11  | ng/ul  | 99     |
| 83) Benzo(a)anthracene         | 21.14 | 228  | 512949   | 34.04 | ng/ul  | 98     |
| 84) Bis(2-ethylhexyl)phthalate | 21.08 | 149  | 207192   | 21.66 | ng/ul  | 99     |
| 85) Chrysene                   | 21.18 | 228  | 510322   | 35.96 | ng/ul  | 95     |
| 87) Di-n-octyl phthalate       | 21.95 | 149  | 48489    | 3.04  | ng/ul  | 100    |
| 88) Benzo(b)fluoranthene       | 22.69 | 252  | 737525   | 45.19 | ng/ul  | 98     |
| 89) Benzo(k)fluoranthene       | 22.73 | 252  | 250079m  | 15.83 | ng/ul  | 97     |
| 91) Benzo(a)pyrene             | 23.25 | 252  | 488404   | 30.90 | ng/ul  | 97     |

T.P  
 7/30/15

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG072715\  
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Misc :  
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 29 02:17:33 2015  
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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 29 01:59:28 2015  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|-------|------|----------|-------|--------|----------|
| 92) Indeno(1,2,3-cd)pyrene | 25.57 | 276  | 360209   | 19.75 | ng/ul  | 93       |
| 93) Dibenzo(a,h)anthracene | 25.57 | 278  | 98745    | 6.34  | ng/ul# | 75       |
| 94) Benzo(g,h,i)perylene   | 26.25 | 276  | 319758   | 21.22 | ng/ul  | 97       |

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

Instrument :  
BNA\_G  
ClientSampleId :  
C02K0

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