

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG061617\  
Quantitation Report (Qedit)

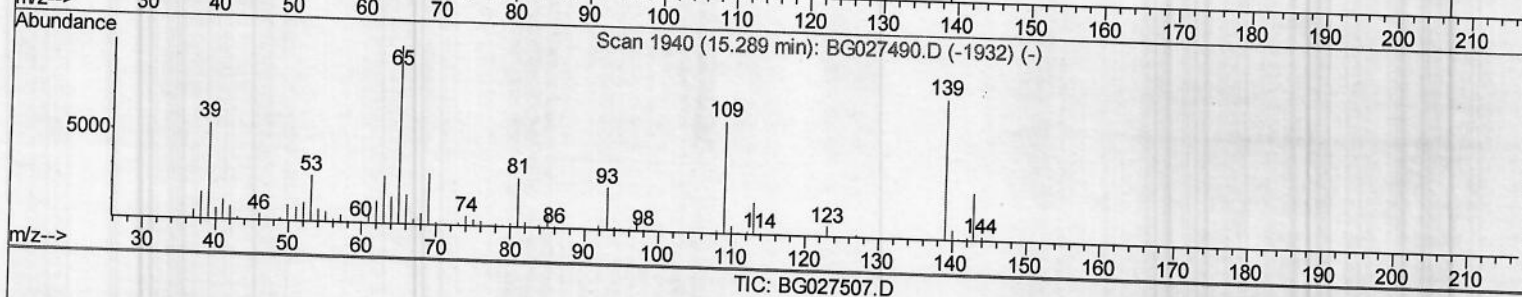
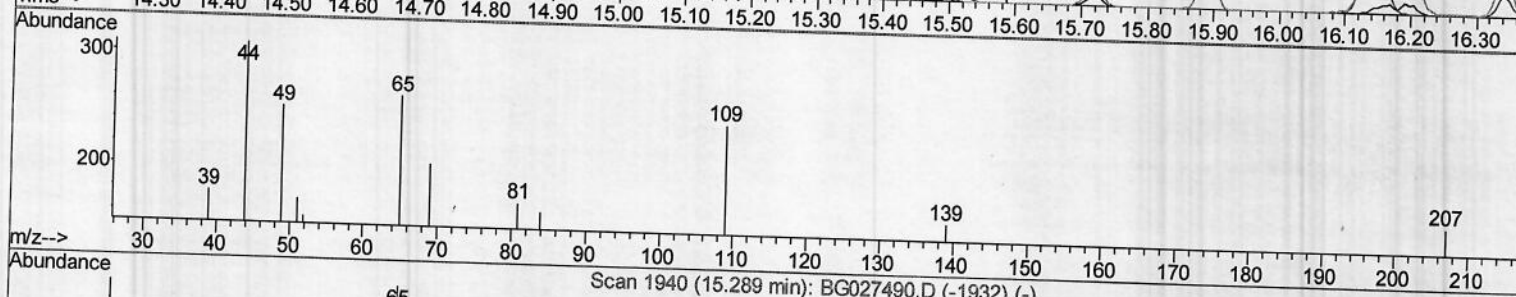
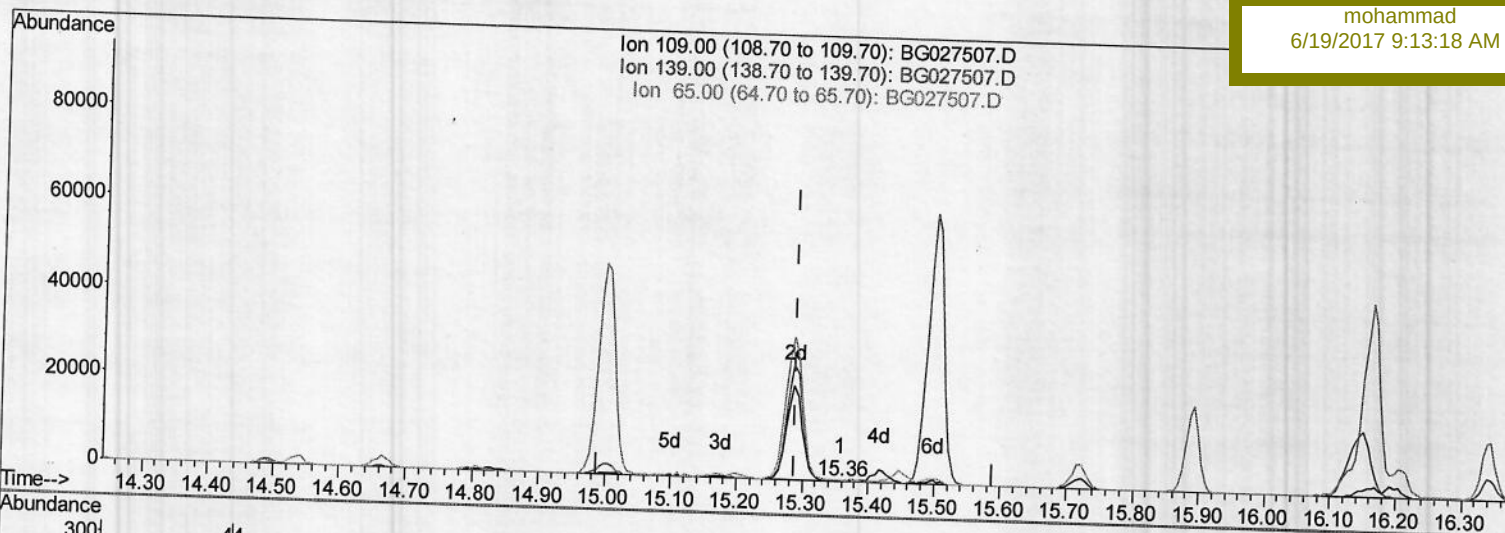
Data File : BG027507.D  
Acq On : 17 Jun 2017 14:32  
Operator : SJ/MA  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 19 00:59:53 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jun 19 00:57:08 2017  
Response via : Initial Calibration

Instrument :  
BNA\_G  
LabSampleId :  
SSTD02087

Manual Integrations  
APPROVED

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TIC: BG027507.D

(52) 4-Nitrophenol

15.357min (+0.069) 0.12ng/ul

response 212

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 109.00 | 100    | 100    |
| 139.00 | 78.20  | 67.07  |
| 65.00  | 113.00 | 107.32 |
| 0.00   | 0.00   | 0.00   |

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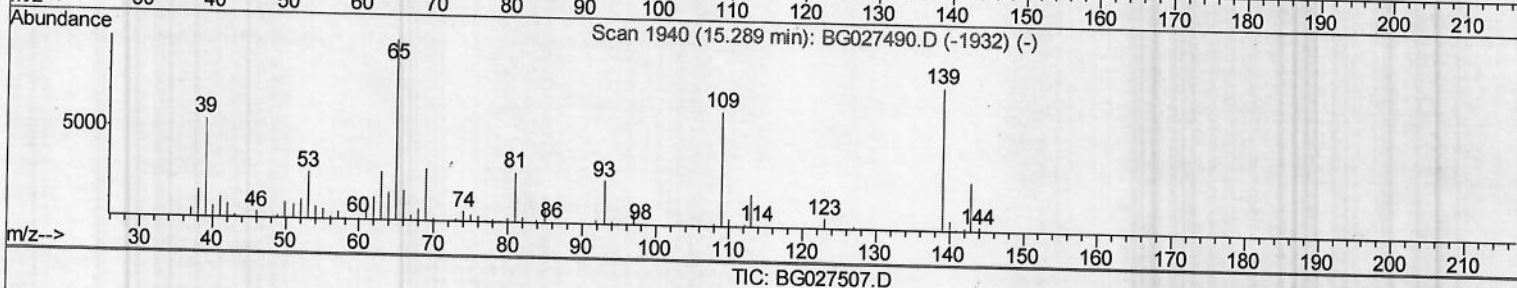
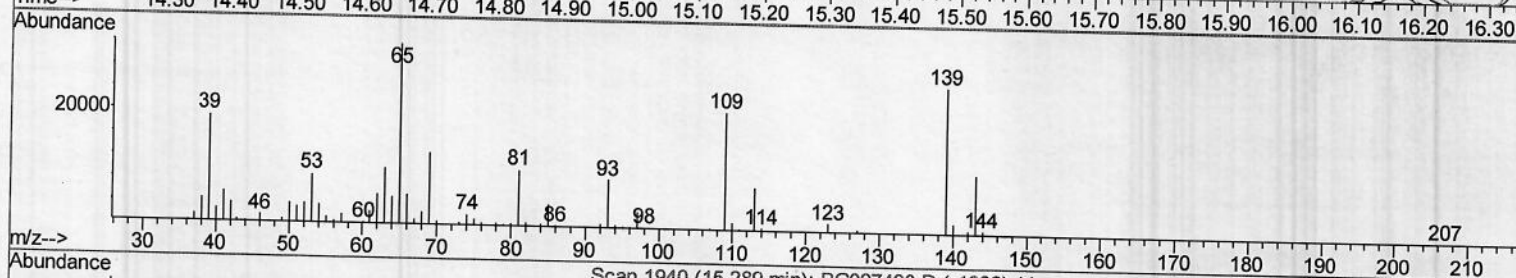
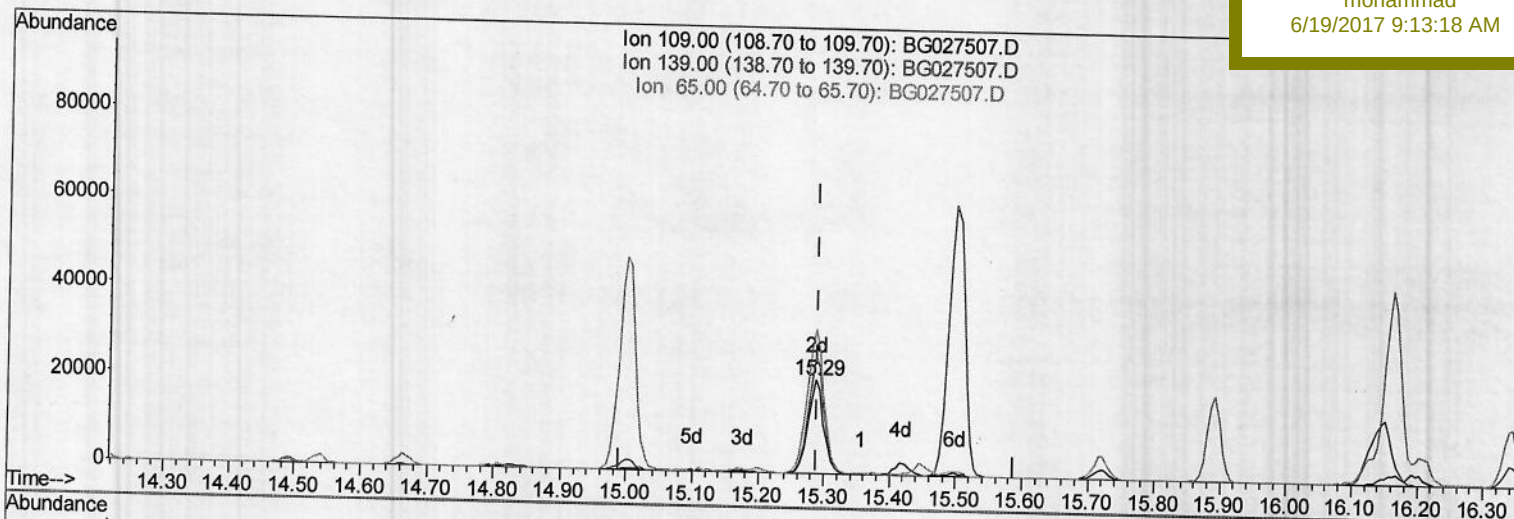
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(52) 4-Nitrophenol

15.287min (-0.002) 20.55ng/ul m

response 35039

Ion Exp% Act%

109.00 100 100

139.00 78.20 124.68#

65.00 113.00 152.97#

0.00 0.00 0.00

5.7  
06/28/2017



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 Sample : SSTDCCC020  
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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 LabSampleId :  
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Quant Time: Jun 19 01:49:36 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 19 00:57:08 2017  
 Response via : Initial Calibration

Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.52  | 152  | 38243    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.34 | 136  | 195692   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.10 | 164  | 130900   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.85 | 188  | 324444   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.23 | 240  | 347785   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.88 | 264  | 327933   | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 4.08  | 96  | 7893   | 8.25  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.65  | 99  | 84145  | 20.29 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.83  | 67  | 62108  | 21.97 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.05  | 132 | 58522  | 21.36 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.19  | 113 | 66952  | 20.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.68  | 128 | 29656  | 20.86 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.40 | 143 | 32007  | 21.19 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.94 | 165 | 59050  | 20.70 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.46 | 131 | 87012  | 24.09 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.49 | 166 | 216936 | 19.79 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.80 | 160 | 259175 | 20.53 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.27 | 143 | 39421  | 18.39 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.09 | 176 | 207389 | 20.17 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.20 | 200 | 38674  | 19.19 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.95 | 188 | 305834 | 20.22 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.22 | 212 | 335491 | 19.75 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.63 | 264 | 300206 | 20.33 | ng/ul | 0.00 |

#### Target Compounds

|                                | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 4.11  | 88   | 8681     | 7.84  | ng/uL# | 84     |
| 4) Benzaldehyde                | 7.67  | 77   | 59476    | 24.53 | ng/ul  | 85     |
| 6) Phenol                      | 7.68  | 94   | 90220    | 20.76 | ng/ul# | 87     |
| 8) Bis(2-Chloroethyl)ether     | 7.92  | 93   | 66126    | 20.69 | ng/ul  | 98     |
| 10) 2-Chlorophenol             | 8.08  | 128  | 58809    | 21.32 | ng/ul  | 98     |
| 11) 2-Methylphenol             | 8.94  | 108  | 64599    | 20.56 | ng/ul  | 94     |
| 12) 2,2'-oxybis(1-Chloropropan | 9.04  | 45   | 123040   | 23.13 | ng/ul  | 97     |
| 14) Acetophenone               | 9.33  | 105  | 104522   | 20.86 | ng/ul# | 90     |
| 15) N-Nitroso-di-n-propylamine | 9.31  | 70   | 64504    | 22.78 | ng/ul  | 87     |
| 16) 4-Methylphenol             | 9.26  | 108  | 72343    | 20.97 | ng/ul  | 96     |
| 17) Hexachloroethane           | 9.61  | 117  | 22864    | 21.62 | ng/ul# | 72     |
| 20) Nitrobenzene               | 9.72  | 77   | 86094    | 21.50 | ng/ul  | 95     |
| 21) Isophorone                 | 10.24 | 82   | 165210   | 20.92 | ng/ul# | 95     |
| 23) 2-Nitrophenol              | 10.44 | 139  | 35858    | 21.62 | ng/ul# | 77     |
| 24) 2,4-Dimethylphenol         | 10.47 | 107  | 84899    | 21.49 | ng/ul  | 95     |
| 25) Bis(2-Chloroethoxy)methane | 10.71 | 93   | 98922    | 20.37 | ng/ul  | 95     |
| 27) 2,4-Dichlorophenol         | 10.97 | 162  | 61258    | 21.24 | ng/ul  | 95     |
| 28) Naphthalene                | 11.39 | 128  | 202936   | 20.18 | ng/ul  | 99     |
| 30) 4-Chloroaniline            | 11.49 | 127  | 84019    | 23.57 | ng/ul  | 94     |
| 31) Hexachlorobutadiene        | 11.66 | 225  | 36278    | 20.45 | ng/ul  | 91     |
| 32) Caprolactam                | 12.24 | 113  | 24790    | 19.49 | ng/ul  | 86     |
| 33) 4-Chloro-3-methylphenol    | 12.57 | 107  | 85212    | 22.43 | ng/ul  | 97     |
| 34) 2-Methylnaphthalene        | 12.95 | 142  | 154103   | 20.66 | ng/ul  | 91     |



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BNA\_G

LabSampleId :

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Manual Integrations

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.31 | 216  | 76876    | 19.84 | ng/ul  | 96       |
| 37) Hexachlorocyclopentadiene  | 13.29 | 237  | 41051    | 18.92 | ng/ul  | 95       |
| 38) 2,4,6-Trichlorophenol      | 13.54 | 196  | 55341    | 21.58 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 13.61 | 196  | 56999    | 21.35 | ng/ul  | 98       |
| 40) 1,1'-Biphenyl              | 13.94 | 154  | 205527   | 19.85 | ng/ul# | 94       |
| 41) 2-Chloronaphthalene        | 13.99 | 162  | 157069   | 20.11 | ng/ul  | 94       |
| 42) 2-Nitroaniline             | 14.18 | 65   | 67467    | 22.96 | ng/ul  | 95       |
| 44) Dimethylphthalate          | 14.54 | 163  | 216525   | 19.92 | ng/ul  | 98       |
| 45) 2,6-Dinitrotoluene         | 14.66 | 165  | 43318    | 21.40 | ng/ul  | 95       |
| 47) Acenaphthylene             | 14.83 | 152  | 257307   | 20.34 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 15.00 | 138  | 44692    | 20.35 | ng/ul# | 91       |
| 49) Acenaphthene               | 15.17 | 153  | 176276   | 19.98 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 15.20 | 184  | 26265    | 18.73 | ng/ul  | 94       |
| 52) 4-Nitrophenol              | 15.29 | 109  | 35039m   | 20.55 | ng/ul  |          |
| 53) Dibenzofuran               | 15.50 | 168  | 257147   | 20.00 | ng/ul  | 94       |
| 54) 2,4-Dinitrotoluene         | 15.45 | 165  | 64726    | 20.89 | ng/ul# | 94       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.72 | 232  | 54855    | 21.12 | ng/ul# | 88       |
| 56) Diethylphthalate           | 15.89 | 149  | 229357   | 19.96 | ng/ul  | 99       |
| 58) Fluorene                   | 16.15 | 166  | 213060   | 19.97 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 16.13 | 204  | 109897   | 20.49 | ng/ul  | 92       |
| 60) 4-Nitroaniline             | 16.16 | 138  | 50785    | 18.88 | ng/ul# | 72       |
| 63) 4,6-Dinitro-2-methylphenol | 16.22 | 198  | 40499    | 19.05 | ng/ul# | 98       |
| 64) N-Nitrosodiphenylamine     | 16.34 | 169  | 192222   | 20.60 | ng/ul  | 94       |
| 65) 4-Bromophenyl-phenylether  | 17.03 | 248  | 68322    | 20.79 | ng/ul# | 87       |
| 66) Hexachlorobenzene          | 17.16 | 284  | 72668    | 20.99 | ng/ul  | 96       |
| 67) Atrazine                   | 17.28 | 200  | 73021    | 20.43 | ng/ul  | 99       |
| 68) Pentachlorophenol          | 17.50 | 266  | 43081    | 18.75 | ng/ul  | 92       |
| 69) Phenanthrene               | 17.90 | 178  | 345144   | 19.80 | ng/ul  | 99       |
| 71) Anthracene                 | 17.99 | 178  | 359600   | 20.28 | ng/ul  | 99       |
| 72) Carbazole                  | 18.25 | 167  | 302397   | 19.83 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.78 | 149  | 385000   | 20.42 | ng/ul# | 97       |
| 74) Fluoranthene               | 19.89 | 202  | 395461   | 20.16 | ng/ul# | 83       |
| 77) Pyrene                     | 20.25 | 202  | 411240   | 20.00 | ng/ul# | 83       |
| 78) Butylbenzylphthalate       | 21.13 | 149  | 170823   | 22.05 | ng/ul  | 94       |
| 79) 3,3'-Dichlorobenzidine     | 22.10 | 252  | 134539   | 21.02 | ng/ul# | 96       |
| 80) Benzo(a)anthracene         | 22.21 | 228  | 406121   | 20.97 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 22.06 | 149  | 244211   | 21.95 | ng/ul  | 97       |
| 82) Chrysene                   | 22.28 | 228  | 365695   | 20.91 | ng/ul  | 97       |
| 84) Di-n-octyl phthalate       | 23.42 | 149  | 420151   | 20.45 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 24.71 | 252  | 387072   | 19.82 | ng/ul# | 96       |
| 86) Benzo(k)fluoranthene       | 24.79 | 252  | 386956   | 20.61 | ng/ul# | 95       |
| 88) Benzo(a)pyrene             | 25.71 | 252  | 375978   | 20.05 | ng/ul# | 95       |
| 89) Indeno(1,2,3-cd)pyrene     | 30.09 | 276  | 434448   | 20.29 | ng/ul# | 89       |
| 90) Dibenzo(a,h)anthracene     | 30.16 | 278  | 373573   | 20.33 | ng/ul# | 91       |
| 91) Benzo(g,h,i)perylene       | 31.41 | 276  | 355781   | 20.30 | ng/ul# | 87       |

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



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