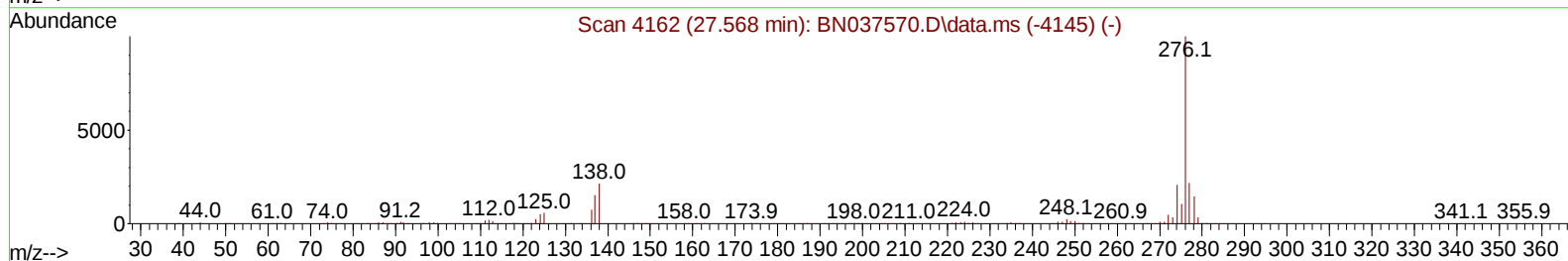
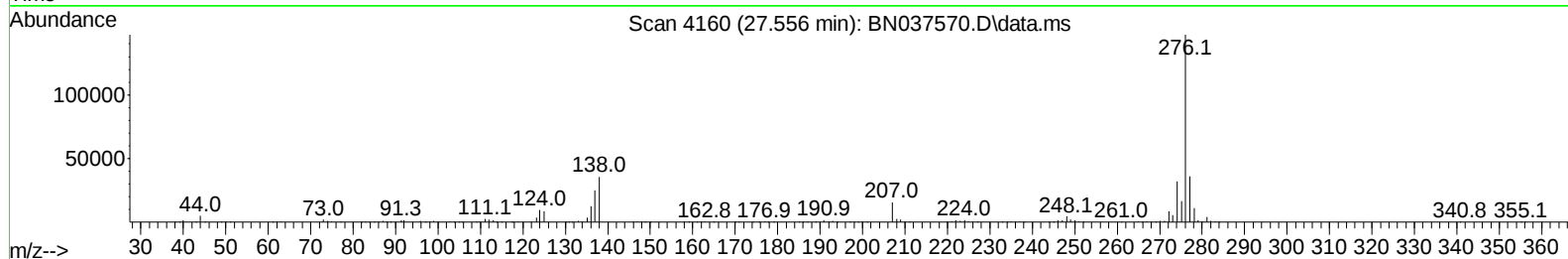
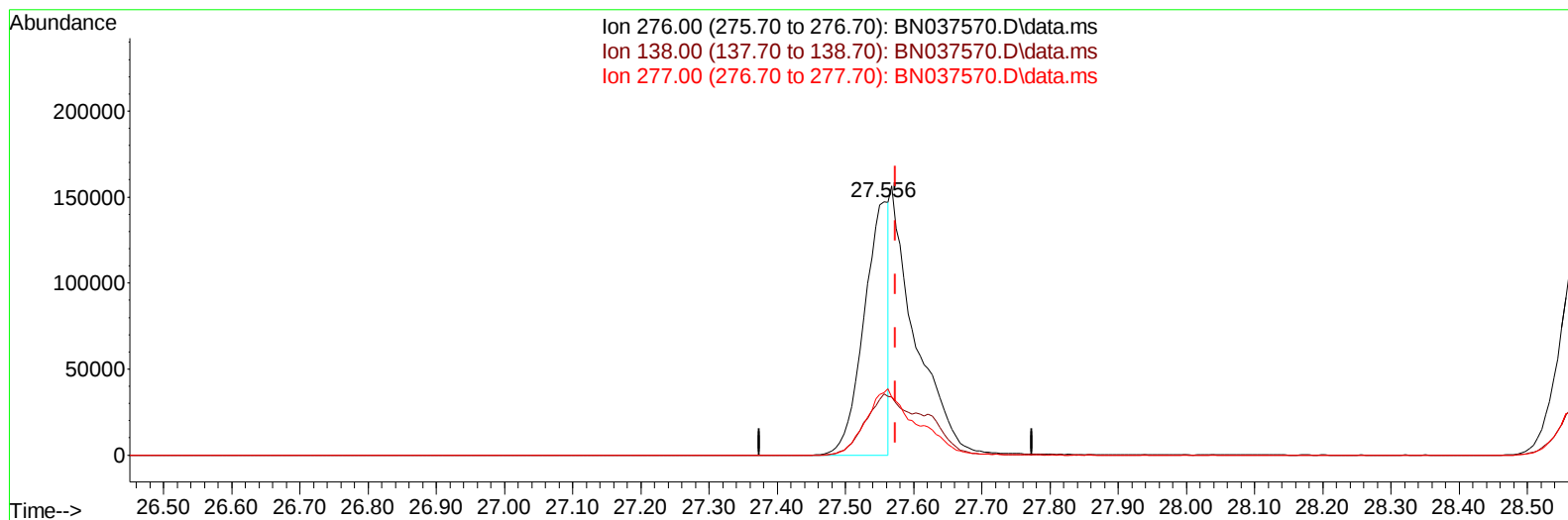


Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080625\  
Data File : BN037570.D  
Acq On : 06 Aug 2025 13:50  
Operator : RC/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 15:49:33 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN071825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 18 16:22:45 2025  
Response via : Initial Calibration



TIC: BN037570.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

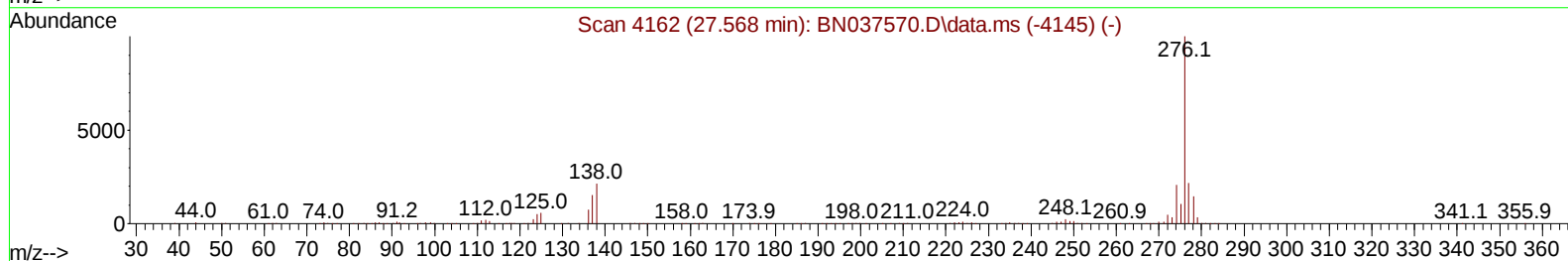
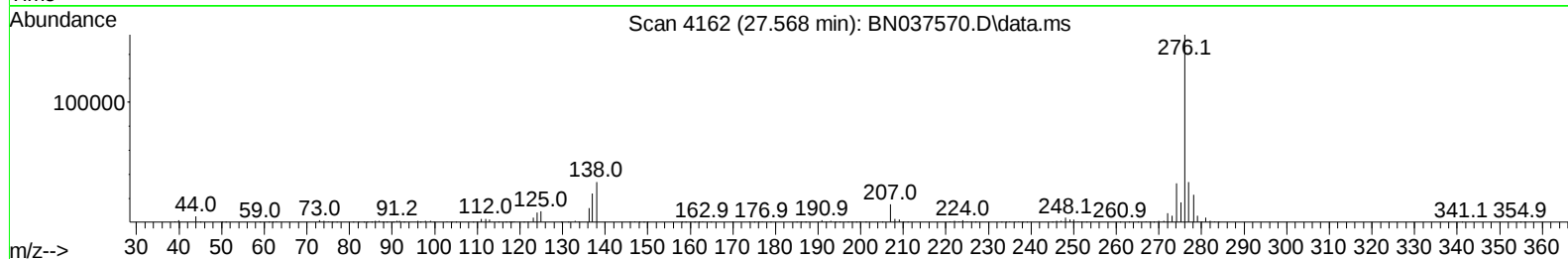
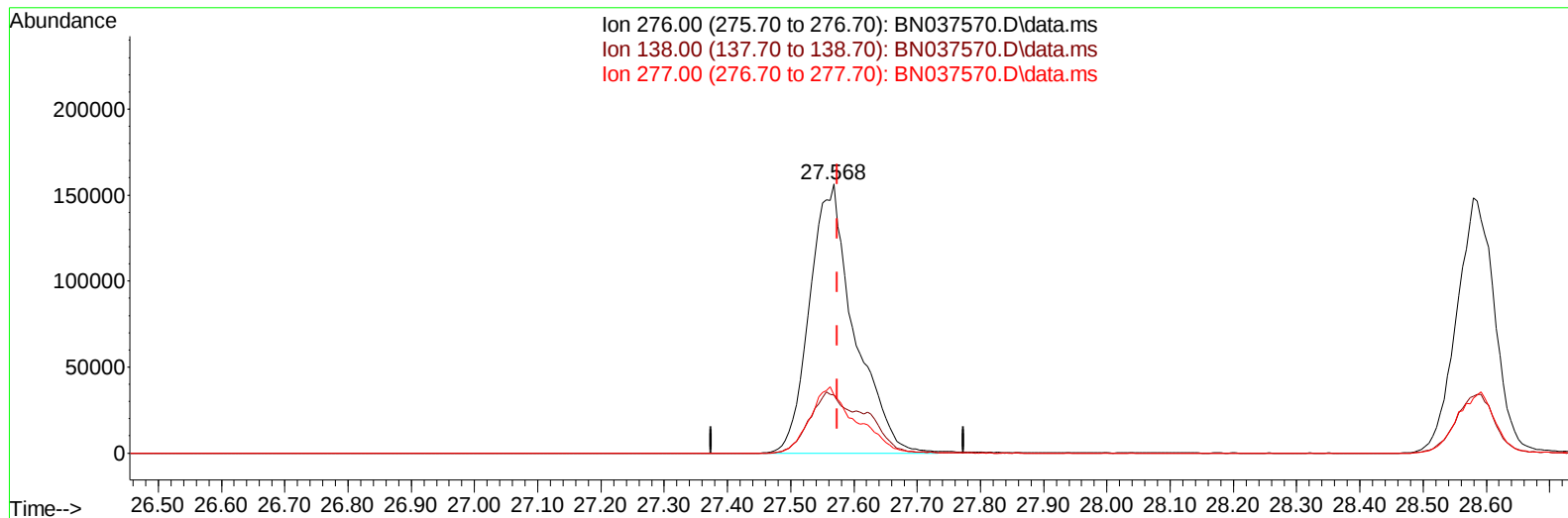
**27.556min (-0.018) 9.95 ng/u1**

**response 369073**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 21.90  | 24.23  |
| 277.00 | 22.00  | 24.57  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080625\  
Data File : BN037570.D  
Acq On : 06 Aug 2025 13:50  
Operator : RC/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 15:49:33 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN071825.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jul 18 16:22:45 2025  
Response via : Initial Calibration



TIC: BN037570.D\data.ms

**(94) Indeno(1,2,3-cd)pyrene**

**27.568min (-0.006) 20.58 ng/ul m**

**response 763202**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 276.00 | 100.00 | 100.00 |
| 138.00 | 21.90  | 21.48  |
| 277.00 | 22.00  | 21.59  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080625\  
 Data File : BN037570.D  
 Acq On : 06 Aug 2025 13:50  
 Operator : RC/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 15:50:44 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN071825.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 18 16:22:45 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.716  | 152  | 68228    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.499 | 136  | 279635   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.351 | 164  | 191629   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.086 | 188  | 386375   | 20.000 | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.316 | 240  | 461792   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.251 | 264  | 518211   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.205  | 96   | 11128    | 7.730  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.605  | 84   | 78551    | 18.922 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.881  | 99   | 96047    | 19.107 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.046  | 67   | 59728    | 19.634 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.246  | 132  | 83959    | 19.604 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.416  | 113  | 81091    | 19.611 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.863  | 128  | 42233    | 20.094 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.581  | 143  | 36705    | 19.000 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.116 | 165  | 80908    | 20.100 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.628 | 131  | 121305   | 20.268 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.763 | 166  | 268614   | 19.750 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.039 | 160  | 318364   | 19.939 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.534 | 143  | 51752    | 19.969 | ng/ul  | -0.01    |
| 60) Fluorene-d10              | 15.345 | 176  | 241845   | 20.596 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.457 | 200  | 37123    | 17.330 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.186 | 188  | 396321   | 20.848 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.480 | 212  | 459791   | 18.954 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.057 | 264  | 527887   | 20.200 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.240  | 88   | 11907    | 7.445  | ng/ul# | 90       |
| 5) Pyridine                   | 3.628  | 79   | 82348    | 19.295 | ng/ul  | 93       |
| 6) Benzaldehyde               | 6.852  | 77   | 61179    | 26.149 | ng/ul  | 94       |
| 8) Phenol                     | 6.905  | 94   | 99747    | 19.298 | ng/ul  | 91       |
| 10) Bis(2-Chloroethyl)ether   | 7.140  | 93   | 80345    | 19.127 | ng/ul  | 97       |
| 12) 2-Chlorophenol            | 7.281  | 128  | 88127    | 20.190 | ng/ul  | 96       |
| 13) 2-Methylphenol            | 8.152  | 108  | 74960    | 19.183 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.246  | 45   | 121543   | 20.005 | ng/ul  | 99       |
| 16) Acetophenone              | 8.528  | 105  | 137839   | 21.312 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.522  | 70   | 62267    | 20.710 | ng/ul  | 94       |
| 18) 4-Methylphenol            | 8.475  | 108  | 83471    | 19.775 | ng/ul  | 97       |
| 19) Hexachloroethane          | 8.793  | 117  | 41405    | 22.144 | ng/ul  | 95       |
| 22) Nitrobenzene              | 8.904  | 77   | 100577   | 21.013 | ng/ul  | 98       |
| 23) Isophorone                | 9.434  | 82   | 174958   | 20.013 | ng/ul  | 97       |
| 25) 2-Nitrophenol             | 9.616  | 139  | 42504    | 19.230 | ng/ul# | 89       |
| 26) 2,4-Dimethylphenol        | 9.675  | 107  | 99271    | 21.306 | ng/ul  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.916  | 93   | 110701   | 19.510 | ng/ul  | 97       |
| 29) 2,4-Dichlorophenol        | 10.146 | 162  | 83497    | 20.618 | ng/ul  | 96       |
| 30) Naphthalene               | 10.546 | 128  | 299735   | 20.157 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.651 | 127  | 122952   | 20.509 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.846 | 225  | 61843    | 22.089 | ng/ul  | 98       |
| 34) Caprolactam               | 11.404 | 113  | 24491    | 18.983 | ng/ul  | 84       |
| 35) 4-Chloro-3-methylphenol   | 11.781 | 107  | 90620    | 21.678 | ng/ul  | 99       |

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 ALS Vial : 2 Sample Multiplier: 1

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN071825.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jul 18 16:22:45 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.163 | 142  | 209213   | 20.602 | ng/ul  | 93       |
| 37) 1-Methylnaphthalene       | 12.387 | 142  | 208168   | 20.896 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.540 | 216  | 110181   | 19.269 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.528 | 237  | 71240    | 19.577 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.775 | 196  | 63998    | 18.962 | ng/ul  | 97       |
| 42) 2,4,5-Trichlorophenol     | 12.845 | 196  | 75077    | 19.585 | ng/ul  | 92       |
| 43) 1,1'-Biphenyl             | 13.187 | 154  | 282553   | 19.599 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.222 | 162  | 215633   | 19.280 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.416 | 65   | 55422    | 20.746 | ng/ul  | 94       |
| 47) Dimethylphthalate         | 13.810 | 163  | 274811   | 20.502 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 13.922 | 165  | 51484    | 20.192 | ng/ul  | 89       |
| 50) Acenaphthylene            | 14.069 | 152  | 365965   | 20.054 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.245 | 138  | 54640    | 21.649 | ng/ul  | 96       |
| 52) Acenaphthene              | 14.416 | 153  | 242953   | 20.491 | ng/ul  | 96       |
| 53) 2,4-Dinitrophenol         | 14.451 | 184  | 22504    | 16.904 | ng/ul  | 86       |
| 55) 4-Nitrophenol             | 14.551 | 109  | 46506    | 25.126 | ng/ul  | 84       |
| 56) Dibenzofuran              | 14.751 | 168  | 338060   | 20.572 | ng/ul  | 93       |
| 57) 2,4-Dinitrotoluene        | 14.704 | 165  | 82015    | 22.001 | ng/ul# | 83       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.975 | 232  | 63042    | 21.003 | ng/ul  | 96       |
| 59) Diethylphthalate          | 15.181 | 149  | 287580   | 21.347 | ng/ul  | 99       |
| 61) Fluorene                  | 15.398 | 166  | 290845   | 21.660 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.398 | 204  | 142837   | 21.756 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.404 | 138  | 60834    | 25.387 | ng/ul# | 88       |
| 66) 4,6-Dinitro-2-methylph... | 15.469 | 198  | 40763    | 17.673 | ng/ul# | 90       |
| 67) N-Nitrosodiphenylamine    | 15.610 | 169  | 239985   | 19.972 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.292 | 248  | 84845    | 19.913 | ng/ul# | 88       |
| 69) Hexachlorobenzene         | 16.404 | 284  | 101904   | 20.160 | ng/ul  | 94       |
| 70) Atrazine                  | 16.563 | 200  | 88034    | 20.346 | ng/ul  | 95       |
| 71) Pentachlorophenol         | 16.739 | 266  | 58102    | 18.552 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.133 | 178  | 451780   | 20.595 | ng/ul  | 99       |
| 74) Anthracene                | 17.222 | 178  | 463049   | 20.795 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.145 | 216  | 110499   | 17.872 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.669 | 250  | 115666   | 19.099 | ng/uL  | 97       |
| 77) Carbazole                 | 17.486 | 167  | 420483   | 21.362 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.069 | 149  | 513446   | 21.667 | ng/ul# | 98       |
| 80) Fluoranthene              | 19.145 | 202  | 535373   | 18.591 | ng/ul  | 99       |
| 82) Pyrene                    | 19.510 | 202  | 583213   | 19.402 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.422 | 149  | 207902   | 19.929 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.227 | 252  | 174007   | 19.756 | ng/ul  | 94       |
| 85) Benzo(a)anthracene        | 21.304 | 228  | 609604   | 20.307 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.245 | 149  | 353341   | 20.397 | ng/ul  | 98       |
| 87) Chrysene                  | 21.363 | 228  | 586048   | 20.566 | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.363 | 149  | 557878   | 17.478 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.327 | 252  | 622758   | 20.450 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.392 | 252  | 612874   | 19.396 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.121 | 252  | 593512   | 20.315 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.568 | 276  | 763202m  | 20.584 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 27.621 | 278  | 641010   | 20.714 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 28.580 | 276  | 622878   | 20.762 | ng/ul  | 97       |

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



