

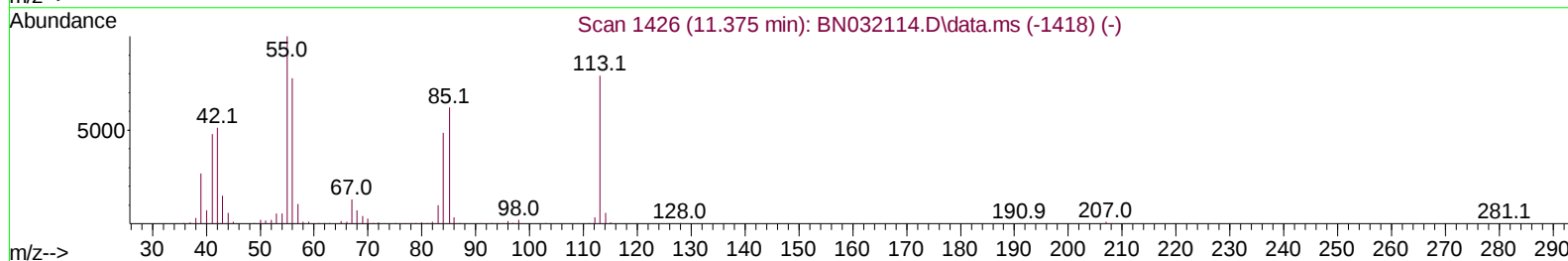
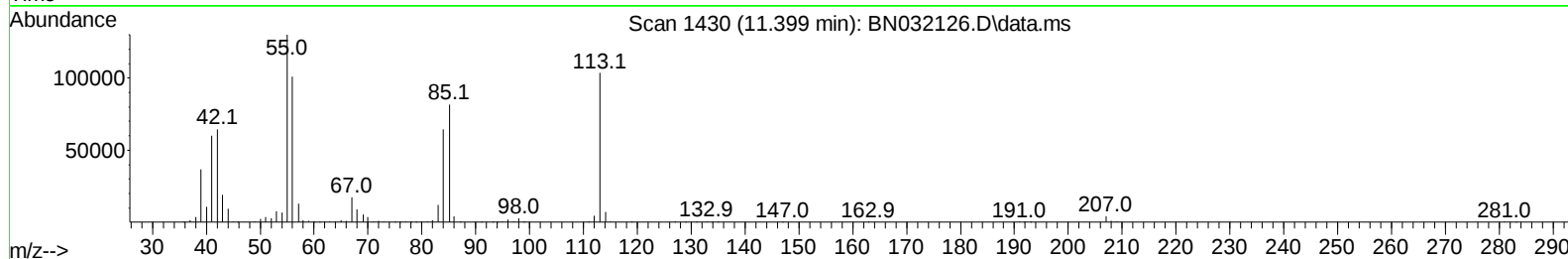
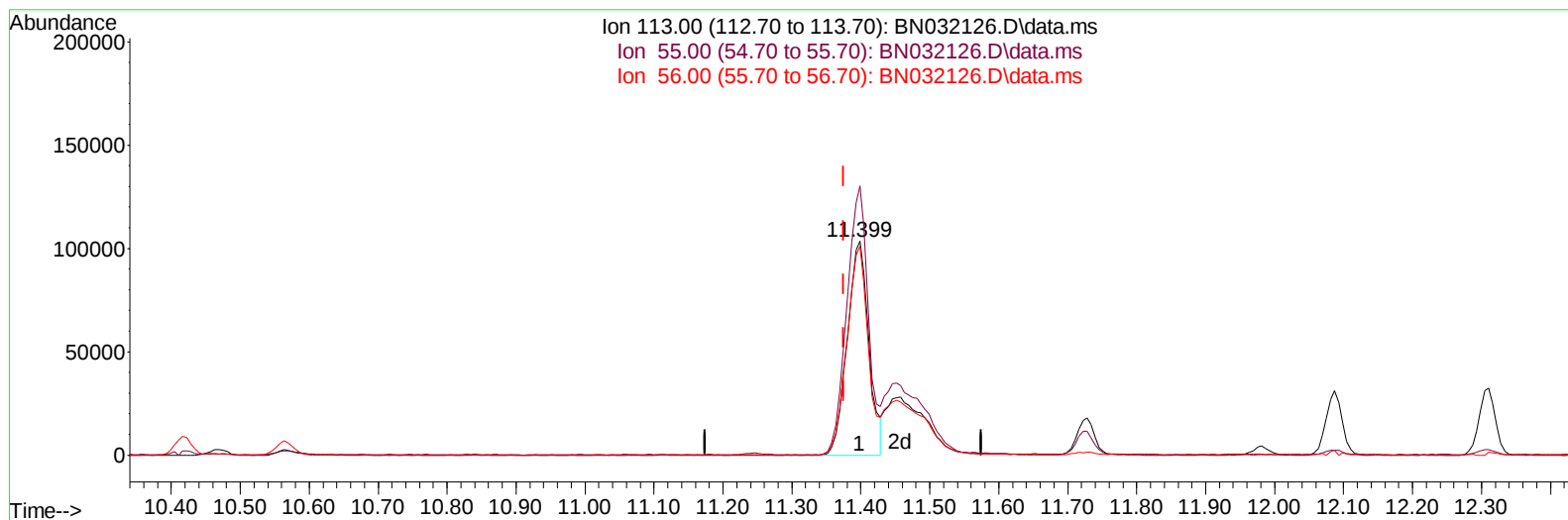
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062024\  
Data File : BN032126.D  
Acq On : 21 Jun 2024 11:01  
Operator : MA/JU  
Sample : PB161390BS  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SLCS390

Manual IntegrationsAPPROVED

Quant Time: Jun 21 11:47:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN052924.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 20 10:49:40 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024  
Supervised By :mohammad ahmed 06/21/2024



TIC: BN032126.D\data.ms

(34) Caprolactam

11.399min (+ 0.024) 23.63 ng/ul

response 224465

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 146.50 | 125.72 |
| 56.00  | 111.70 | 97.67  |
| 0.00   | 0.00   | 0.00   |

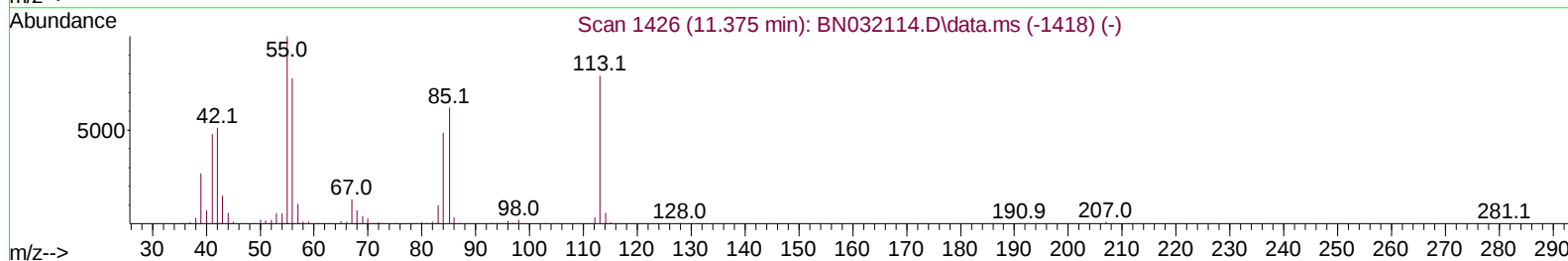
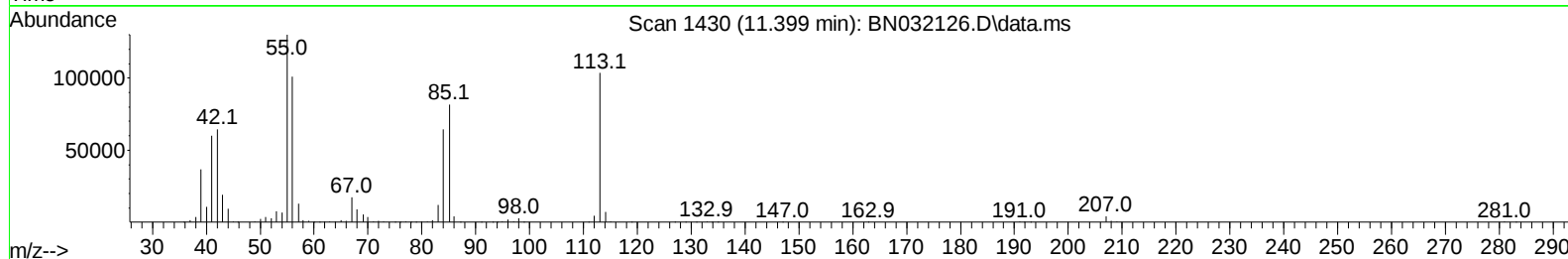
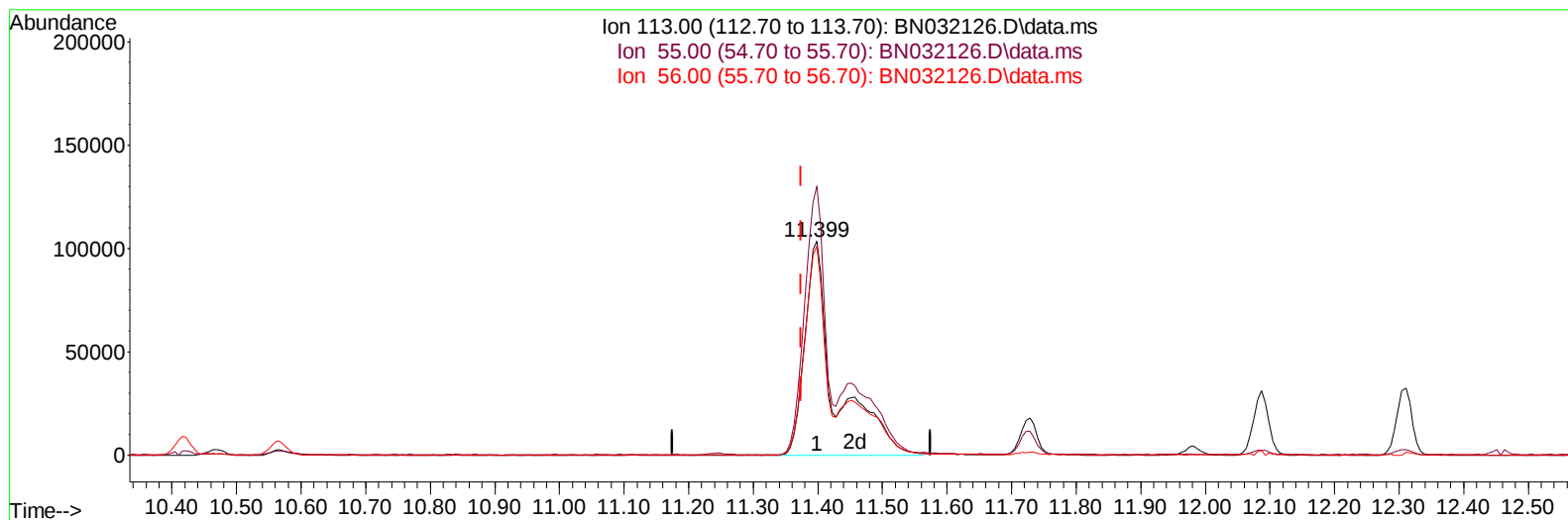
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 Supervised By :mohammad ahmed 06/21/2024



TIC: BN032126.D\data.ms

**(34) Caprolactam**

11.399min (+ 0.024) 35.43 ng/ul m

response 336574

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 146.50 | 125.72 |
| 56.00  | 111.70 | 97.67  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062024\  
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 Sample : PB161390BS  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.634  | 152  | 354662   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.416 | 136  | 1671803  | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.287 | 164  | 1116700  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.034 | 188  | 2216059  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.269 | 240  | 1336737  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.180 | 264  | 1386202  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.164  | 96   | 44314    | 5.169  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.564  | 84   | 650787   | 26.968 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.822  | 99   | 1000923  | 32.920 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.981  | 67   | 528845   | 29.736 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.175  | 132  | 866699   | 37.359 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.358  | 113  | 875349   | 35.319 | ng/ul  | 0.01     |
| 21) Nitrobenzene-d5           | 8.799  | 128  | 456167   | 35.686 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.511  | 143  | 514427   | 38.959 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.046 | 165  | 916094   | 37.163 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.563 | 131  | 1260282  | 34.434 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.704 | 166  | 2814781  | 36.182 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.975 | 160  | 3133568  | 35.030 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.516 | 143  | 516485   | 33.158 | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.281 | 176  | 2285797  | 34.725 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.422 | 200  | 415118   | 37.267 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.134 | 188  | 3387055  | 35.700 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.433 | 212  | 3279270  | 45.844 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.980 | 264  | 2424861  | 36.634 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.193  | 88   | 97026    | 10.578 | ng/uL  | 95       |
| 5) Pyridine                   | 3.587  | 79   | 670053   | 27.769 | ng/ul  | 95       |
| 6) Benzaldehyde               | 6.793  | 77   | 553259   | 38.796 | ng/ul  | 95       |
| 8) Phenol                     | 6.846  | 94   | 1042260  | 33.683 | ng/ul  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.075  | 93   | 803503   | 31.404 | ng/ul  | 95       |
| 12) 2-Chlorophenol            | 7.205  | 128  | 879330   | 36.220 | ng/ul  | 96       |
| 13) 2-Methylphenol            | 8.087  | 108  | 828206   | 34.654 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.158  | 45   | 890038   | 30.219 | ng/ul  | 98       |
| 16) Acetophenone              | 8.463  | 105  | 1310689  | 34.895 | ng/ul  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.452  | 70   | 613228   | 31.506 | ng/ul# | 95       |
| 18) 4-Methylphenol            | 8.416  | 108  | 923898   | 35.662 | ng/ul  | 99       |
| 19) Hexachloroethane          | 8.699  | 117  | 353456   | 34.381 | ng/ul  | 93       |
| 22) Nitrobenzene              | 8.840  | 77   | 937378   | 30.779 | ng/ul  | 92       |
| 23) Isophorone                | 9.363  | 82   | 1896115  | 30.351 | ng/ul  | 97       |
| 25) 2-Nitrophenol             | 9.546  | 139  | 555177   | 38.484 | ng/ul  | 92       |
| 26) 2,4-Dimethylphenol        | 9.605  | 107  | 820678   | 29.243 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 9.846  | 93   | 1185370  | 30.444 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.075 | 162  | 911737   | 37.458 | ng/ul  | 98       |
| 30) Naphthalene               | 10.469 | 128  | 2964488  | 34.263 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.593 | 127  | 1141367  | 32.120 | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 10.740 | 225  | 538178   | 36.814 | ng/ul  | 97       |
| 34) Caprolactam               | 11.399 | 113  | 336574m  | 35.426 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.728 | 107  | 1021550  | 35.906 | ng/ul  | 97       |

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Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.087 | 142  | 2101807  | 35.539 | ng/ul  | 96       |
| 37) 1-Methylnaphthalene       | 12.310 | 142  | 2120265  | 35.731 | ng/ul  | 95       |
| 39) 1,2,4,5-Tetrachloroben... | 12.457 | 216  | 1107310  | 37.494 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.428 | 237  | 281847   | 16.559 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.710 | 196  | 752861   | 37.558 | ng/ul  | 97       |
| 42) 2,4,5-Trichlorophenol     | 12.787 | 196  | 829153   | 38.064 | ng/ul  | 91       |
| 43) 1,1'-Biphenyl             | 13.116 | 154  | 2726465  | 34.711 | ng/ul  | 95       |
| 44) 2-Chloronaphthalene       | 13.151 | 162  | 2176360  | 35.376 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.375 | 65   | 592638   | 33.232 | ng/ul# | 82       |
| 47) Dimethylphthalate         | 13.751 | 163  | 2798884  | 35.178 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.881 | 165  | 613017   | 38.762 | ng/ul  | 93       |
| 50) Acenaphthylene            | 14.004 | 152  | 3496535  | 34.586 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.210 | 138  | 662021   | 39.152 | ng/ul  | 89       |
| 52) Acenaphthene              | 14.351 | 153  | 2295267  | 34.314 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.422 | 184  | 289470   | 36.256 | ng/ul  | 94       |
| 55) 4-Nitrophenol             | 14.534 | 109  | 398548   | 34.492 | ng/ul  | 87       |
| 56) Dibenzofuran              | 14.687 | 168  | 3150413  | 34.666 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 14.675 | 165  | 863688   | 37.219 | ng/ul  | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.916 | 232  | 664524   | 36.471 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.122 | 149  | 2876406  | 35.036 | ng/ul  | 98       |
| 61) Fluorene                  | 15.340 | 166  | 2497173  | 34.122 | ng/ul  | 95       |
| 62) 4-Chlorophenyl-phenyle... | 15.334 | 204  | 1212400  | 34.203 | ng/ul  | 96       |
| 63) 4-Nitroaniline            | 15.381 | 138  | 660486   | 41.032 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.440 | 198  | 451773   | 38.152 | ng/ul  | 95       |
| 67) N-Nitrosodiphenylamine    | 15.551 | 169  | 2310228  | 37.821 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.228 | 248  | 834432   | 38.862 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.334 | 284  | 918734   | 37.753 | ng/ul  | 98       |
| 70) Atrazine                  | 16.510 | 200  | 649861   | 33.695 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 16.687 | 266  | 547131   | 35.140 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.081 | 178  | 3995411  | 35.392 | ng/ul  | 98       |
| 74) Anthracene                | 17.169 | 178  | 3946580  | 34.502 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.075 | 216  | 1062922  | 37.265 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.598 | 250  | 1097678  | 39.510 | ng/uL  | 95       |
| 77) Carbazole                 | 17.445 | 167  | 3651142  | 37.433 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.004 | 149  | 5101344  | 38.016 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.098 | 202  | 4125615  | 48.260 | ng/ul  | 95       |
| 82) Pyrene                    | 19.463 | 202  | 4029533  | 45.942 | ng/ul  | 95       |
| 83) Butylbenzylphthalate      | 20.369 | 149  | 2030381  | 49.011 | ng/ul  | 89       |
| 84) 3,3'-Dichlorobenzidine    | 21.180 | 252  | 962063   | 37.531 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.251 | 228  | 3208442  | 35.859 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.175 | 149  | 2847732  | 47.157 | ng/ul  | 99       |
| 87) Chrysene                  | 21.310 | 228  | 2986973  | 35.740 | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.275 | 149  | 4643132  | 50.032 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.263 | 252  | 2992381  | 36.115 | ng/ul  | 97       |
| 91) Benzo(k)fluoranthene      | 23.322 | 252  | 2866607  | 35.258 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.045 | 252  | 2480886  | 31.969 | ng/ul  | 96       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.468 | 276  | 3485257  | 38.974 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 27.510 | 278  | 2815197  | 38.560 | ng/ul  | 95       |
| 96) Benzo(g,h,i)perylene      | 28.486 | 276  | 2712107  | 38.153 | ng/ul  | 96       |

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

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BNA\_N

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