

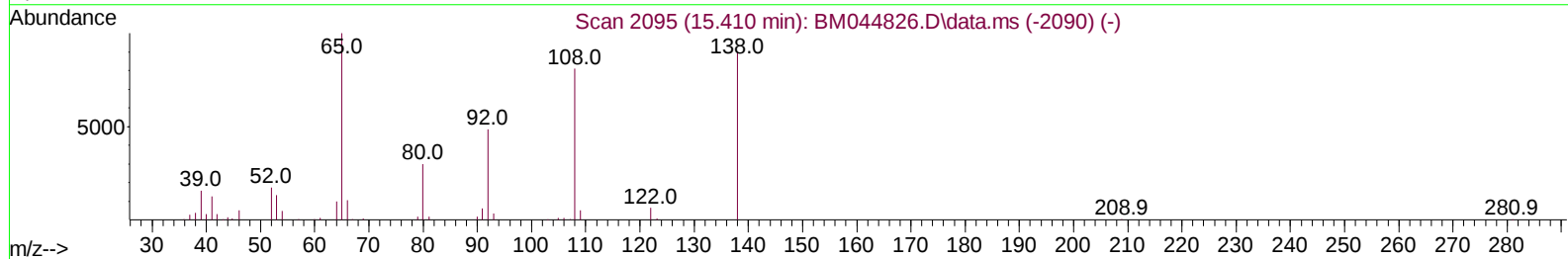
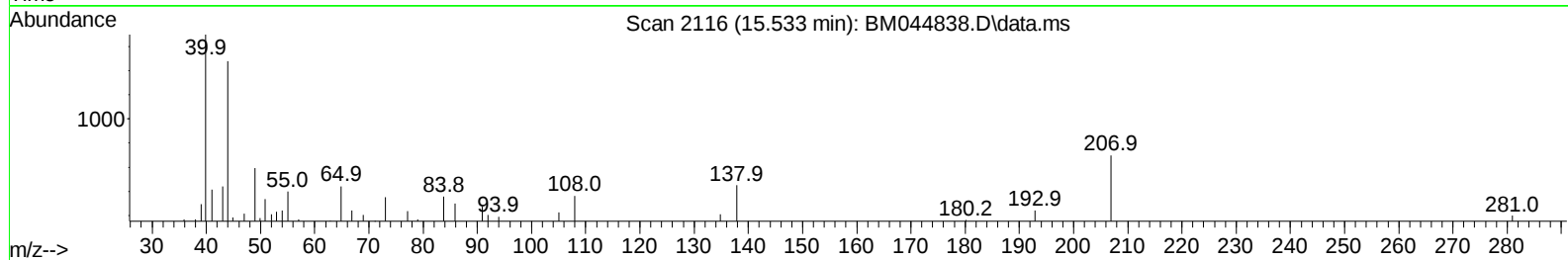
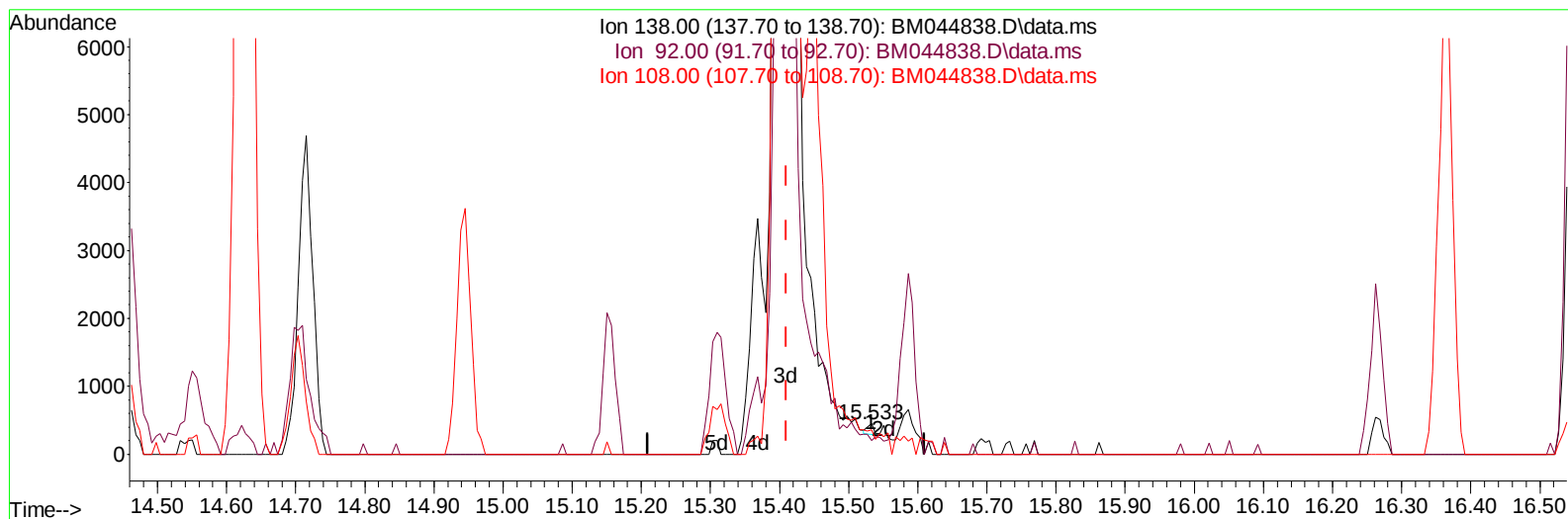
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033024\  
Data File : BM044838.D  
Acq On : 30 Mar 2024 18:42  
Operator : MA/JU  
Sample : P1888-03MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E07A0MSD

Manual IntegrationsAPPROVED

Quant Time: Mar 31 13:59:24 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Mar 31 13:54:26 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/01/2024  
Supervised By :mohammad ahmed 04/02/2024



TIC: BM044838.D\data.ms

**(63) 4-Nitroaniline**

**15.533min (+ 0.123) 0.03 ng/ul**

| response | 92            |
|----------|---------------|
| Ion      | Exp% Act%     |
| 138.00   | 100.00 100.00 |
| 92.00    | 49.80 45.01   |
| 108.00   | 68.30 80.71   |
| 0.00     | 0.00 0.00     |

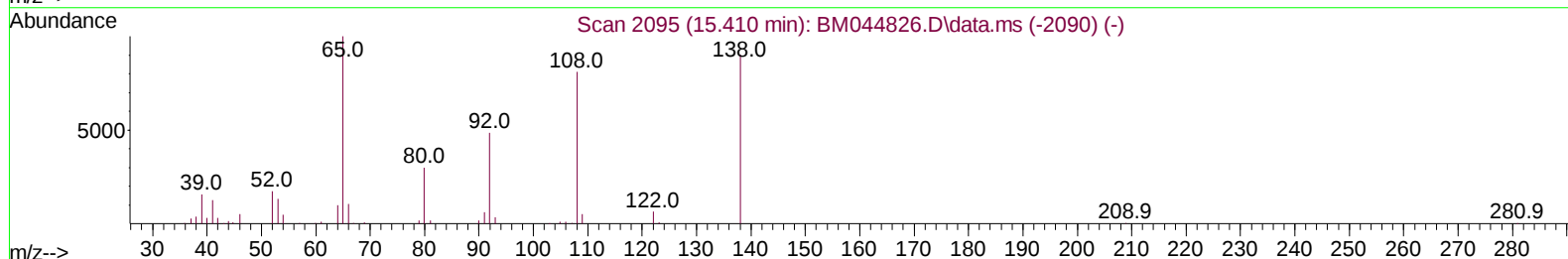
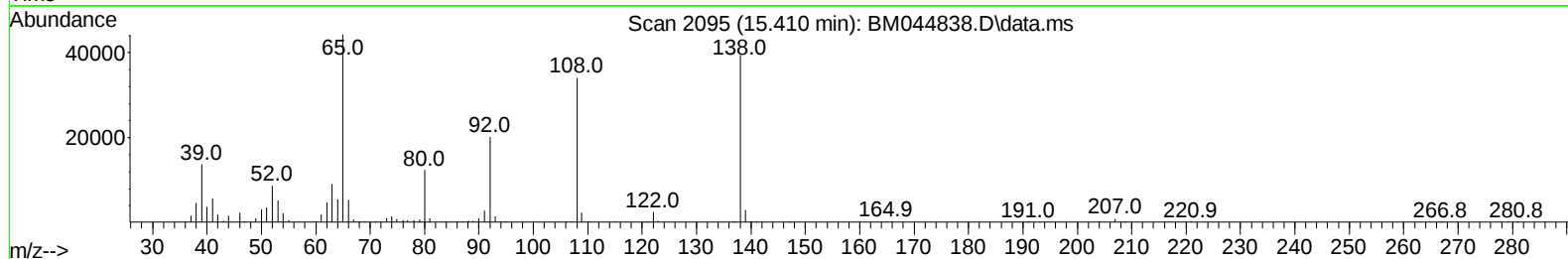
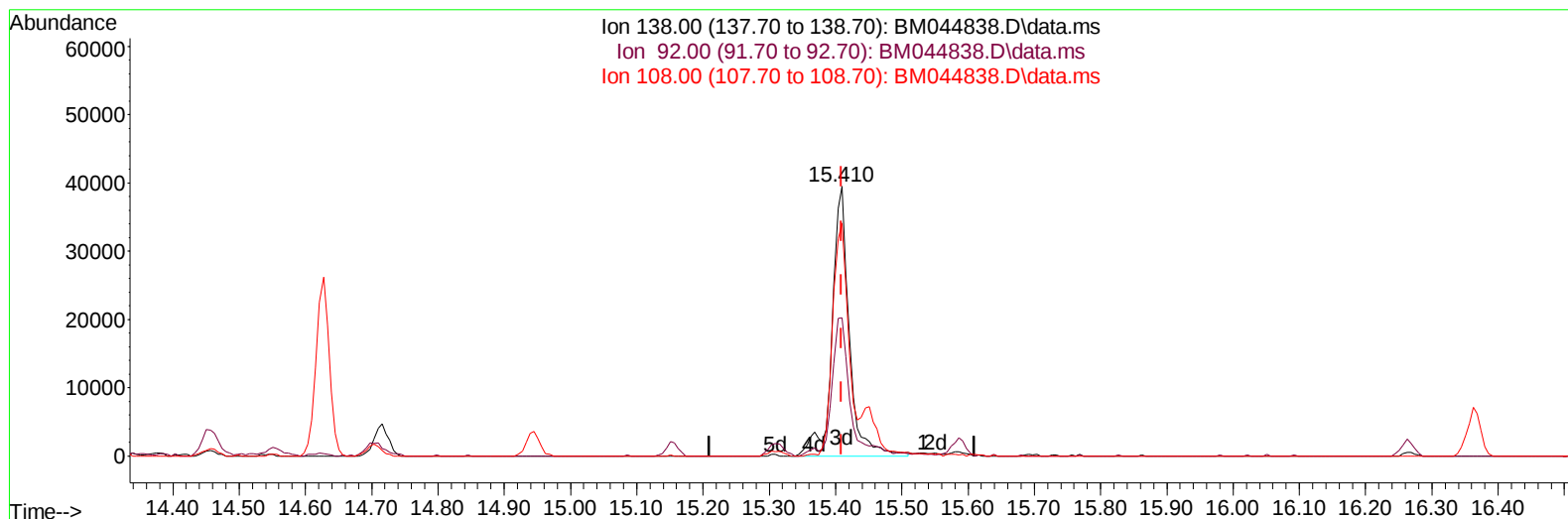
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 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

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 ClientSampleId :  
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TIC: BM044838.D\data.ms

**(63) 4-Nitroaniline**

15.410min (-0.000) 20.89 ng/ul m

response 71017

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 49.80  | 51.32  |
| 108.00 | 68.30  | 86.34# |
| 0.00   | 0.00   | 0.00   |

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 Acq On : 30 Mar 2024 18:42  
 Operator : MA/JU  
 Sample : P1888-03MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E07A0MSD

Manual IntegrationsAPPROVED

Quant Time: Mar 31 15:33:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Mar 31 13:54:26 2024  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/01/2024  
 Supervised By :mohammad ahmed 04/02/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.663  | 152  | 93569    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.445 | 136  | 370354   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.310 | 164  | 206523   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.068 | 188  | 384508   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.268 | 240  | 349119   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.503 | 264  | 402531   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.234  | 96   | 8751     | 3.172  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.640  | 84   | 33979    | 4.185  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.845  | 99   | 156679   | 16.287 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.016  | 67   | 105085   | 17.685 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.198  | 132  | 128502   | 18.177 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.375  | 113  | 108860   | 14.409 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.828  | 128  | 62654    | 20.090 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.539  | 143  | 67102    | 19.959 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.069 | 165  | 115954   | 20.265 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.598 | 131  | 7711     | 0.811  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.733 | 166  | 304302   | 18.784 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.004 | 160  | 361076   | 19.488 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.539 | 143  | 54210    | 16.136 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.310 | 176  | 258649   | 18.999 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.451 | 200  | 33850    | 13.562 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.168 | 188  | 367546   | 19.998 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.468 | 212  | 435647   | 20.345 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.362 | 264  | 431347   | 20.387 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.263  | 88   | 20919    | 7.324  | ng/ul# | 91       |
| 5) Pyridine                   | 3.657  | 79   | 99789    | 11.849 | ng/ul# | 85       |
| 6) Benzaldehyde               | 6.828  | 77   | 100424   | 23.967 | ng/ul  | 88       |
| 8) Phenol                     | 6.869  | 94   | 176126   | 17.939 | ng/ul# | 87       |
| 10) Bis(2-Chloroethyl)ether   | 7.110  | 93   | 143829   | 17.841 | ng/ul  | 96       |
| 12) 2-Chlorophenol            | 7.234  | 128  | 139807   | 19.173 | ng/ul  | 96       |
| 13) 2-Methylphenol            | 8.110  | 108  | 114094   | 15.314 | ng/ul  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.192  | 45   | 232919   | 21.877 | ng/ul# | 93       |
| 16) Acetophenone              | 8.492  | 105  | 224390   | 19.150 | ng/ul# | 92       |
| 17) N-Nitroso-di-n-propyla... | 8.475  | 70   | 104688   | 17.293 | ng/ul# | 82       |
| 18) 4-Methylphenol            | 8.439  | 108  | 124386   | 15.337 | ng/ul  | 96       |
| 19) Hexachloroethane          | 8.722  | 117  | 64792    | 21.692 | ng/ul  | 96       |
| 22) Nitrobenzene              | 8.869  | 77   | 165858   | 22.426 | ng/ul  | 95       |
| 23) Isophorone                | 9.392  | 82   | 297954   | 19.746 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.569  | 139  | 76235    | 20.800 | ng/ul# | 84       |
| 26) 2,4-Dimethylphenol        | 9.633  | 107  | 49903    | 7.483  | ng/ul  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 9.875  | 93   | 179327   | 18.897 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.098 | 162  | 118861   | 20.808 | ng/ul  | 97       |
| 30) Naphthalene               | 10.492 | 128  | 428840   | 20.444 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.622 | 127  | 112238   | 12.251 | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 10.757 | 225  | 79860    | 24.943 | ng/ul  | 99       |
| 34) Caprolactam               | 11.416 | 113  | 35476    | 15.947 | ng/ul  | 84       |
| 35) 4-Chloro-3-methylphenol   | 11.745 | 107  | 118797   | 17.933 | ng/ul  | 99       |

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Reviewed By :Jagrut Upadhyay 04/01/2024  
 Supervised By :mohammad ahmed 04/02/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.110 | 142  | 270992   | 19.428 | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.333 | 142  | 274401   | 19.942 | ng/ul  | 97       |
| 39) 1,2,4,5-Tetrachloroben... | 12.480 | 216  | 134693   | 22.925 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.445 | 237  | 37215    | 9.542  | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.733 | 196  | 89461    | 21.720 | ng/ul  | 97       |
| 42) 2,4,5-Trichlorophenol     | 12.810 | 196  | 94701    | 21.454 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.139 | 154  | 343667   | 20.956 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.180 | 162  | 270824   | 21.044 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.404 | 65   | 89243    | 22.089 | ng/ul  | 91       |
| 47) Dimethylphthalate         | 13.780 | 163  | 327181   | 19.847 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.910 | 165  | 64697    | 19.648 | ng/ul  | 94       |
| 50) Acenaphthylene            | 14.033 | 152  | 438734   | 20.317 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.239 | 138  | 63076    | 17.735 | ng/ul  | 95       |
| 52) Acenaphthene              | 14.374 | 153  | 293348   | 20.664 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.457 | 184  | 22437    | 10.652 | ng/ul  | 84       |
| 55) 4-Nitrophenol             | 14.551 | 109  | 50835    | 21.596 | ng/ul# | 83       |
| 56) Dibenzofuran              | 14.715 | 168  | 381809   | 20.219 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.704 | 165  | 93001    | 19.566 | ng/ul# | 70       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.945 | 232  | 76183    | 20.855 | ng/ul# | 99       |
| 59) Diethylphthalate          | 15.157 | 149  | 336479   | 19.667 | ng/ul  | 99       |
| 61) Fluorene                  | 15.368 | 166  | 314581   | 20.369 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.368 | 204  | 150911   | 21.054 | ng/ul  | 99       |
| 63) 4-Nitroaniline            | 15.410 | 138  | 71017m   | 20.891 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.462 | 198  | 38340    | 14.375 | ng/ul# | 88       |
| 67) N-Nitrosodiphenylamine    | 15.586 | 169  | 251601   | 21.726 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.262 | 248  | 89943    | 23.387 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.368 | 284  | 108024   | 24.660 | ng/ul  | 93       |
| 70) Atrazine                  | 16.551 | 200  | 88309    | 23.335 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.721 | 266  | 60628    | 20.960 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.109 | 178  | 469181   | 21.510 | ng/ul  | 99       |
| 74) Anthracene                | 17.203 | 178  | 460366   | 20.869 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.098 | 216  | 135272   | 26.339 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.627 | 250  | 127123   | 25.603 | ng/uL  | 99       |
| 77) Carbazole                 | 17.480 | 167  | 438322   | 21.145 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.051 | 149  | 590068   | 21.163 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.133 | 202  | 539905   | 21.173 | ng/ul  | 97       |
| 82) Pyrene                    | 19.497 | 202  | 565238   | 21.291 | ng/ul  | 96       |
| 83) Butylbenzylphthalate      | 20.421 | 149  | 276115   | 21.152 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.197 | 252  | 104529   | 13.841 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.256 | 228  | 566324   | 21.601 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.197 | 149  | 422860   | 22.217 | ng/ul  | 96       |
| 87) Chrysene                  | 21.303 | 228  | 526798   | 21.703 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.080 | 149  | 726572   | 20.169 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.833 | 252  | 564255   | 20.949 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 22.880 | 252  | 547179   | 20.742 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.409 | 252  | 522729   | 20.747 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.756 | 276  | 649132   | 22.970 | ng/ul  | 97       |
| 95) Dibenzo(a,h)anthracene    | 25.774 | 278  | 549768   | 23.331 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 26.444 | 276  | 516840   | 22.918 | ng/ul  | 96       |

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

**Instrument :**

BNA\_M

**ClientSampleId :**

E07A0MSD

**Manual IntegrationsAPPROVED**

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