

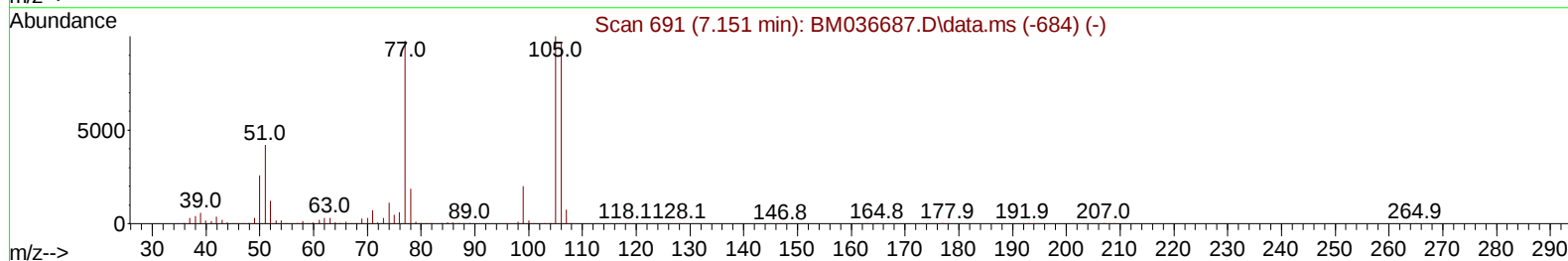
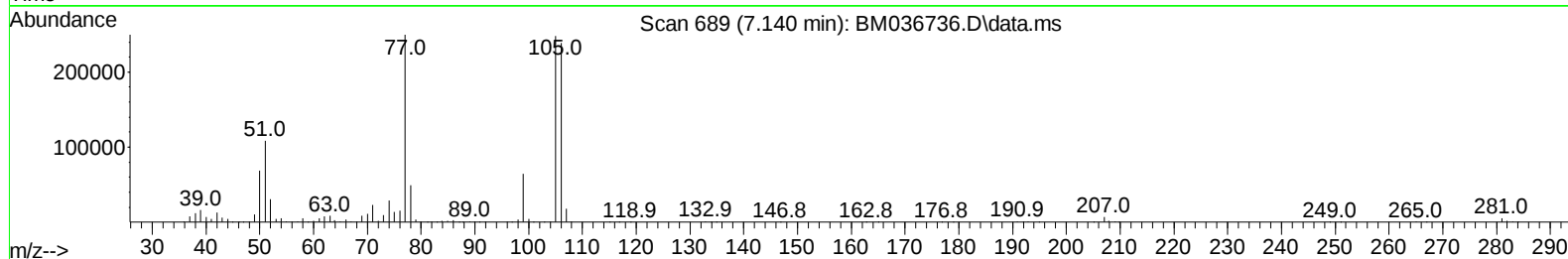
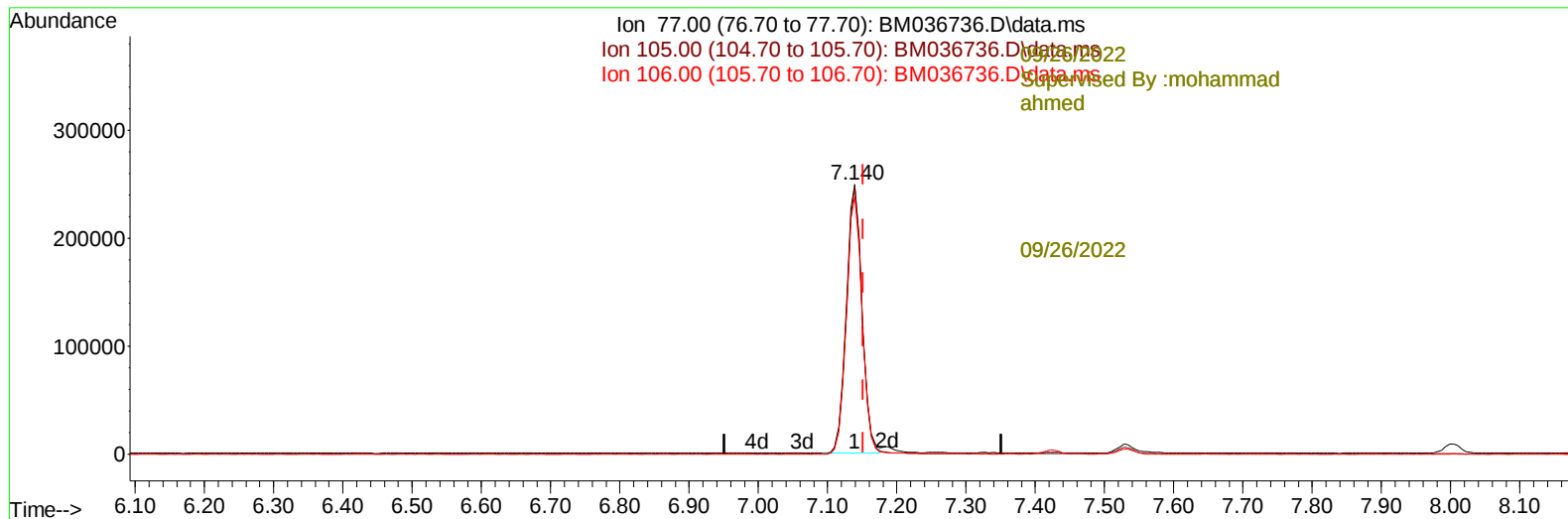
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092322\  
 Data File : BM036736.D  
 Acq On : 25 Sep 2022 04:57  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Sep 26 01:16:36 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM091522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 24 00:41:16 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/26/2022  
 Supervised By :mohammad ahmed 09/26/2022



TIC: BM036736.D\data.ms

**(6) Benzaldehyde**

7.140min (-0.012) 24.52 ng/u1

response 392893

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 93.90  | 99.31  |
| 106.00 | 91.30  | 95.72  |
| 0.00   | 0.00   | 0.00   |

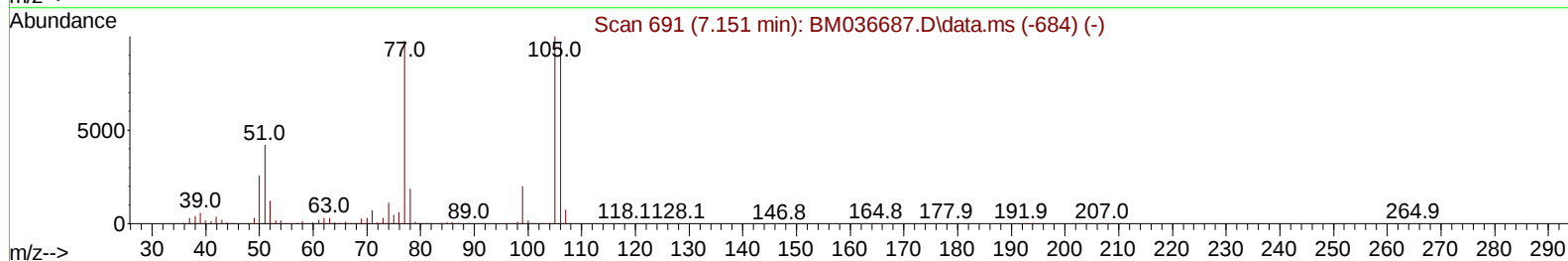
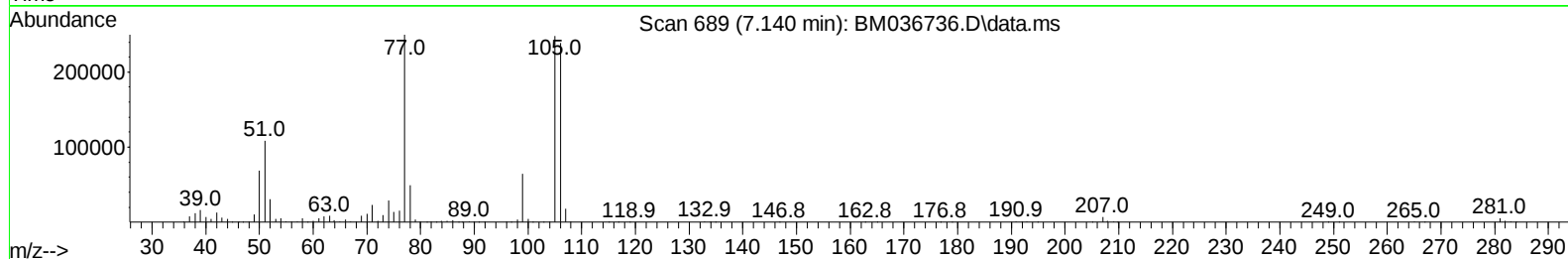
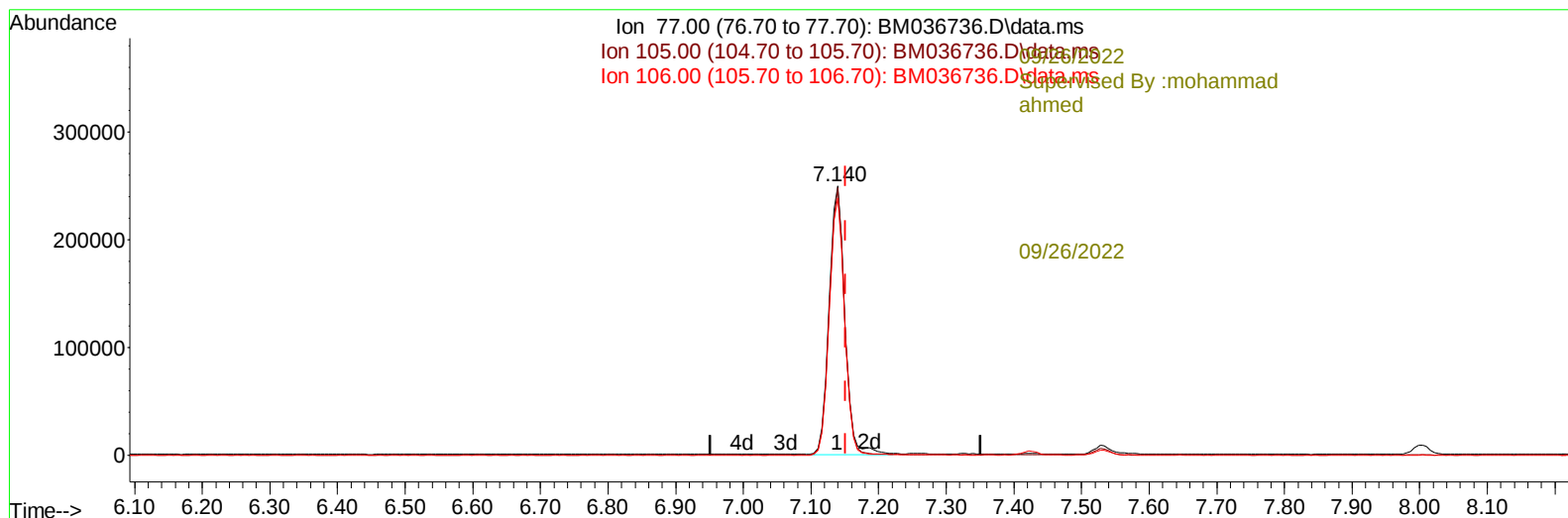
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TIC: BM036736.D\data.ms

**(6) Benzaldehyde**

7.140min (-0.012) 25.11 ng/ul m

response 402297

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 93.90  | 99.31  |
| 106.00 | 91.30  | 95.72  |
| 0.00   | 0.00   | 0.00   |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----09/26/2022               |        |      |          |        |        |          |
| Supervised By :mohammad ahmed |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.998  | 152  | 370258   | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.816 | 136  | 1602905  | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.627 | 164  | 975745   | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.362 | 188  | 1982181  | 20.000 | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.533 | 240  | 1810256  | 20.000 | ng/ul  | -0.01    |
| 88) Perylene-d12              | 23.962 | 264  | 1513759  | 20.000 | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.381  | 96   | 73276    | 7.419  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.810  | 84   | 551947   | 19.162 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.157  | 99   | 665737   | 20.120 | ng/ul  | -0.02    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.328  | 67   | 403561   | 20.084 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.528  | 132  | 511567   | 21.475 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.710  | 113  | 508576   | 20.802 | ng/ul  | -0.02    |
| 21) Nitrobenzene-d5           | 9.169  | 128  | 243471   | 22.441 | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.892  | 143  | 226095   | 23.266 | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.428 | 165  | 485698   | 21.566 | ng/ul  | -0.02    |
| 31) 4-Chloroaniline-d4        | 10.951 | 131  | 726399   | 19.399 | ng/ul  | -0.01    |
| 46) Dimethylphthalate-d6      | 14.039 | 166  | 1295510  | 19.686 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 14.321 | 160  | 1564648  | 20.044 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.815 | 143  | 241736   | 18.939 | ng/ul  | -0.02    |
| 60) Fluorene-d10              | 15.615 | 176  | 1189651  | 20.172 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.727 | 200  | 144514   | 18.427 | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.462 | 188  | 1835203  | 20.249 | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.745 | 212  | 2015586  | 22.632 | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.803 | 264  | 1512325  | 20.449 | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.422  | 88   | 79100    | 7.435  | ng/uL  | 93       |
| 5) Pyridine                   | 3.834  | 79   | 554557   | 19.162 | ng/ul  | 95       |
| 6) Benzaldehyde               | 7.140  | 77   | 402297m  | 25.108 | ng/ul  |          |
| 8) Phenol                     | 7.187  | 94   | 717966   | 20.217 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.422  | 93   | 555132   | 20.091 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.563  | 128  | 555369   | 21.552 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.445  | 108  | 522767   | 20.027 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.539  | 45   | 653316   | 19.950 | ng/ul  | 99       |
| 16) Acetophenone              | 8.834  | 105  | 852258   | 20.097 | ng/ul  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.816  | 70   | 410206   | 20.047 | ng/ul  | 97       |
| 18) 4-Methylphenol            | 8.775  | 108  | 578682   | 20.502 | ng/ul  | 99       |
| 19) Hexachloroethane          | 9.086  | 117  | 213541   | 20.459 | ng/ul  | 97       |
| 22) Nitrobenzene              | 9.210  | 77   | 631546   | 21.925 | ng/ul  | 99       |
| 23) Isophorone                | 9.745  | 82   | 1097667  | 18.689 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.922  | 139  | 272315   | 22.687 | ng/ul  | 98       |
| 26) 2,4-Dimethylphenol        | 9.980  | 107  | 617135   | 20.846 | ng/ul  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.222 | 93   | 715631   | 20.442 | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.457 | 162  | 503499   | 21.266 | ng/ul  | 100      |
| 30) Naphthalene               | 10.863 | 128  | 1788192  | 20.479 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.975 | 127  | 759651   | 19.650 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 11.151 | 225  | 284827   | 19.670 | ng/ul  | 99       |
| 34) Caprolactam               | 11.757 | 113  | 140949   | 18.352 | ng/ul  | 97       |
| 35) 4-Chloro-3-methylphenol   | 12.092 | 107  | 546989   | 20.929 | ng/ul  | 99       |

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Manual IntegrationsAPPROVED

Quant Time: Sep 26 01:16:36 2022  
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 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/26/2022  
 Supervised By :mohammad ahmed 09/26/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.463 | 142  | 1165357  | 20.031 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.680 | 142  | 1175968  | 20.106 | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.827 | 216  | 562771   | 20.377 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.810 | 237  | 222319   | 15.447 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.069 | 196  | 358258   | 21.186 | ng/ul  | 100      |
| 42) 2,4,5-Trichlorophenol     | 13.139 | 196  | 394669   | 21.769 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.469 | 154  | 1500404  | 20.860 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.510 | 162  | 1178796  | 20.885 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.710 | 65   | 332190   | 23.912 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 14.086 | 163  | 1378056  | 19.741 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.204 | 165  | 257349   | 22.675 | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.351 | 152  | 1811111  | 20.293 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.533 | 138  | 306130   | 22.490 | ng/ul# | 97       |
| 52) Acenaphthene              | 14.692 | 153  | 1272647  | 20.380 | ng/ul  | 100      |
| 53) 2,4-Dinitrophenol         | 14.733 | 184  | 82661    | 16.414 | ng/ul  | 96       |
| 55) 4-Nitrophenol             | 14.833 | 109  | 212198   | 19.448 | ng/ul  | 98       |
| 56) Dibenzofuran              | 15.021 | 168  | 1734256  | 20.680 | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.986 | 165  | 379290   | 22.988 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.245 | 232  | 310350   | 20.450 | ng/ul# | 94       |
| 59) Diethylphthalate          | 15.445 | 149  | 1381610  | 19.771 | ng/ul  | 99       |
| 61) Fluorene                  | 15.668 | 166  | 1454827  | 20.369 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.662 | 204  | 683107   | 19.998 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.692 | 138  | 311038   | 23.519 | ng/ul  | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.745 | 198  | 161496   | 18.249 | ng/ul  | 97       |
| 67) N-Nitrosodiphenylamine    | 15.880 | 169  | 1191028  | 20.401 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.557 | 248  | 370919   | 18.985 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.668 | 284  | 428534   | 18.545 | ng/ul  | 99       |
| 70) Atrazine                  | 16.827 | 200  | 376582   | 18.280 | ng/ul  | 99       |
| 71) Pentachlorophenol         | 17.009 | 266  | 238855   | 17.401 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.409 | 178  | 2252701  | 20.633 | ng/ul  | 100      |
| 74) Anthracene                | 17.498 | 178  | 2280976  | 20.554 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.433 | 216  | 553631   | 20.421 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.939 | 250  | 582267   | 19.857 | ng/uL  | 100      |
| 77) Carbazole                 | 17.768 | 167  | 2078294  | 20.227 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.333 | 149  | 2321040  | 19.931 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.415 | 202  | 2467119  | 22.607 | ng/ul  | 100      |
| 82) Pyrene                    | 19.774 | 202  | 2651919  | 22.957 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.668 | 149  | 997751   | 22.794 | ng/ul  | 91       |
| 84) 3,3'-Dichlorobenzidine    | 21.450 | 252  | 710862   | 20.097 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.515 | 228  | 2381684  | 20.998 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.444 | 149  | 1544488  | 24.155 | ng/ul  | 100      |
| 87) Chrysene                  | 21.568 | 228  | 2220748  | 20.628 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.380 | 149  | 2420337  | 26.521 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.221 | 252  | 2099877  | 21.875 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.268 | 252  | 1999910  | 20.850 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 23.850 | 252  | 1742526  | 20.649 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.491 | 276  | 1851744  | 18.791 | ng/ul  | 96       |
| 95) Dibenzo(a,h)anthracene    | 26.509 | 278  | 1667861  | 18.662 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 27.268 | 276  | 1595040  | 18.670 | ng/ul  | 98       |

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

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BNA\_M  
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SSTDCCC020EC

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09/26/2022

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