

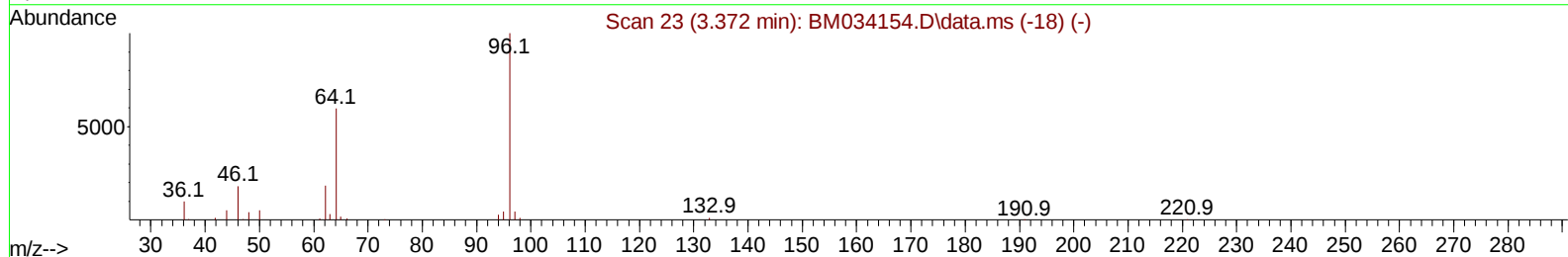
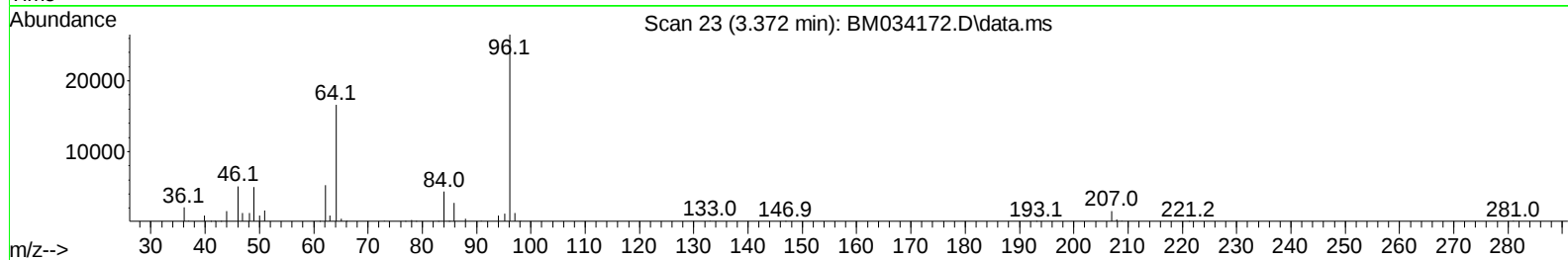
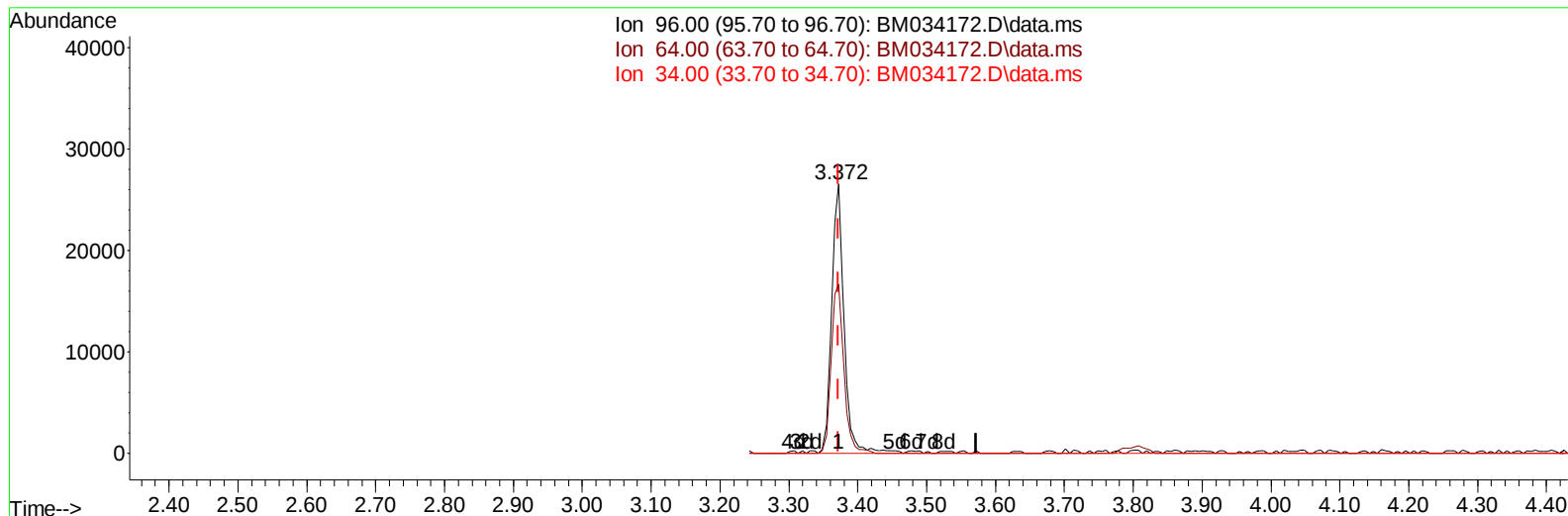
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030822\  
Data File : BM034172.D  
Acq On : 09 Mar 2022 05:31  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Mar 09 06:54:55 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM030822.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Mar 08 13:09:16 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 03/09/2022  
Supervised By :Yogesh Patel 03/09/2022



TIC: BM034172.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.372min (+ 0.000) 9.49 ng/uL

response 32765

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 74.20  | 62.76  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

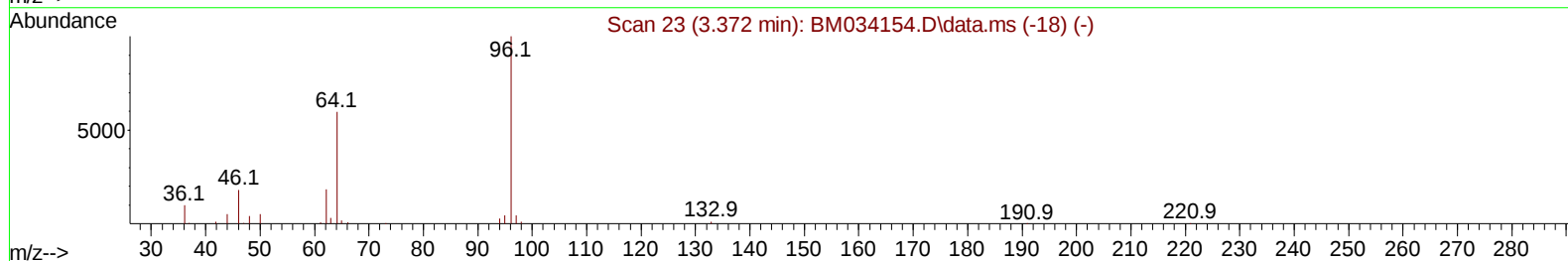
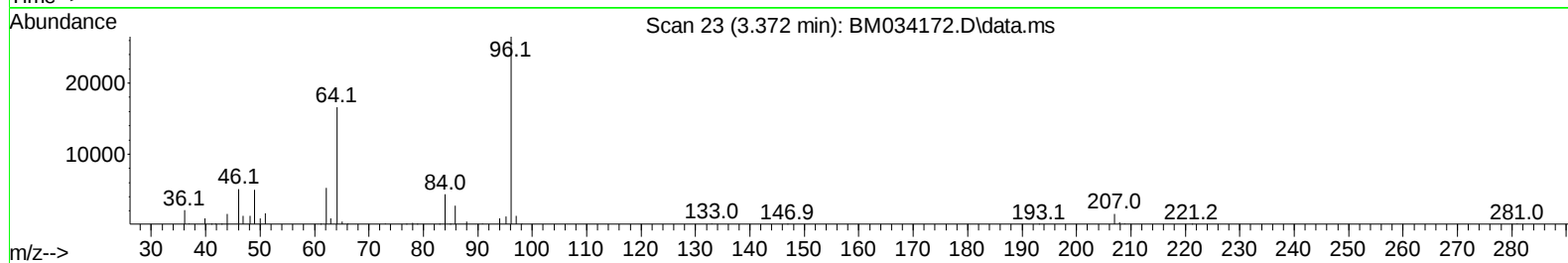
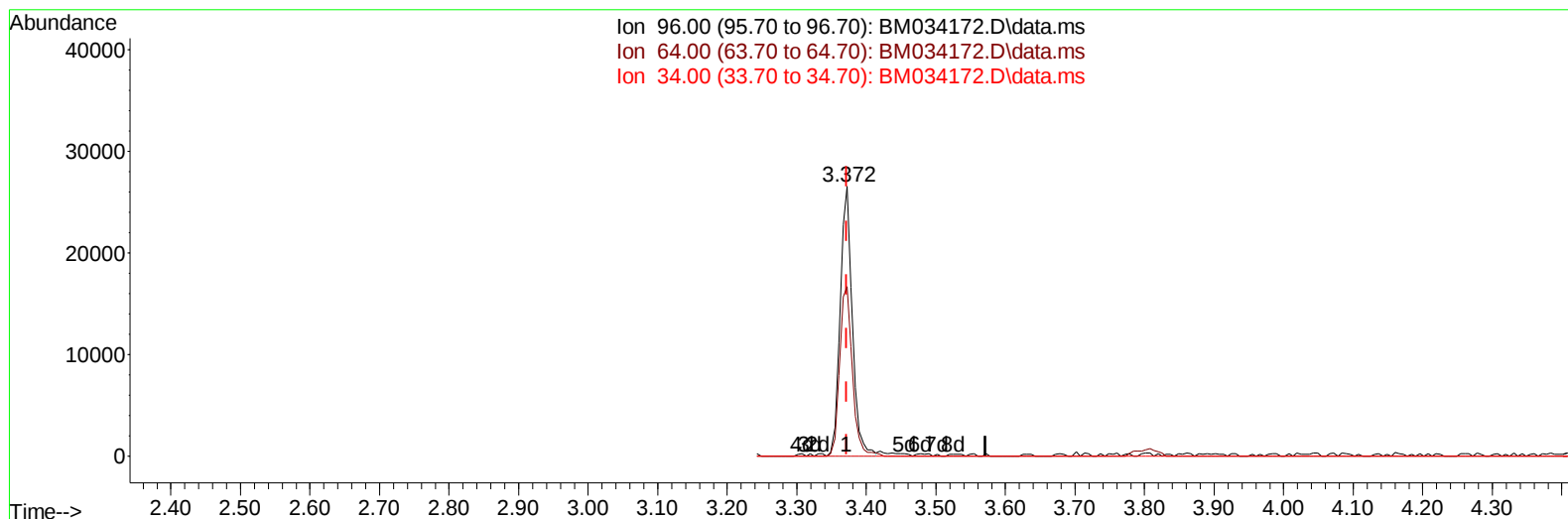
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TIC: BM034172.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.372min (+ 0.000) 9.40 ng/uL m**

**response 32443**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 74.20  | 62.76  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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 LabSampleId :  
 SSTDCCC020

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.990  | 152  | 158776   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.801 | 136  | 593173   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.624 | 164  | 375765   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.365 | 188  | 774729   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.536 | 240  | 821963   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.983 | 264  | 909425   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.372  | 96   | 32443m   | 9.398  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.790  | 84   | 209923   | 20.890 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.137  | 99   | 245464   | 19.730 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.313  | 67   | 133271   | 19.902 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.519  | 132  | 219262   | 21.261 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.695  | 113  | 200434   | 19.227 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.148  | 128  | 102763   | 22.359 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.878  | 143  | 112287   | 22.494 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.419 | 165  | 226616   | 22.014 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.931 | 131  | 275351   | 19.577 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.030 | 166  | 606898   | 21.284 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.319 | 160  | 767052   | 21.512 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.801 | 143  | 105239   | 19.835 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.613 | 176  | 526133   | 20.732 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.724 | 200  | 102852   | 20.572 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.465 | 188  | 819960   | 21.486 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.753 | 212  | 953716   | 21.109 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.824 | 264  | 1026506  | 21.278 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.407  | 88   | 32468    | 8.688  | ng/ul# | 69       |
| 5) Pyridine                   | 3.807  | 79   | 207661   | 20.439 | ng/ul# | 68       |
| 6) Benzaldehyde               | 7.119  | 77   | 100769   | 15.782 | ng/ul# | 73       |
| 8) Phenol                     | 7.166  | 94   | 243735   | 19.369 | ng/ul# | 79       |
| 10) Bis(2-Chloroethyl)ether   | 7.401  | 93   | 194137   | 19.879 | ng/ul  | 86       |
| 12) 2-Chlorophenol            | 7.548  | 128  | 222006   | 20.840 | ng/ul# | 78       |
| 13) 2-Methylphenol            | 8.425  | 108  | 187315   | 19.090 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.519  | 45   | 172343   | 19.883 | ng/ul# | 79       |
| 16) Acetophenone              | 8.813  | 105  | 306225   | 18.645 | ng/ul# | 82       |
| 17) N-Nitroso-di-n-propyla... | 8.801  | 70   | 144940   | 19.318 | ng/ul# | 77       |
| 18) 4-Methylphenol            | 8.754  | 108  | 202954   | 18.938 | ng/ul  | 96       |
| 19) Hexachloroethane          | 9.084  | 117  | 92281    | 21.065 | ng/ul# | 61       |
| 22) Nitrobenzene              | 9.189  | 77   | 222577   | 21.415 | ng/ul# | 85       |
| 23) Isophorone                | 9.725  | 82   | 390593   | 20.844 | ng/ul# | 90       |
| 25) 2-Nitrophenol             | 9.907  | 139  | 120995   | 22.244 | ng/ul# | 73       |
| 26) 2,4-Dimethylphenol        | 9.966  | 107  | 232081   | 21.094 | ng/ul  | 87       |
| 27) Bis(2-Chloroethoxy)met... | 10.207 | 93   | 243975   | 20.768 | ng/ul# | 96       |
| 29) 2,4-Dichlorophenol        | 10.442 | 162  | 218077   | 21.435 | ng/ul  | 93       |
| 30) Naphthalene               | 10.854 | 128  | 660612   | 20.801 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.954 | 127  | 277179   | 19.353 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 11.154 | 225  | 169913   | 21.929 | ng/ul  | 96       |
| 34) Caprolactam               | 11.713 | 113  | 54941    | 17.946 | ng/ul# | 49       |
| 35) 4-Chloro-3-methylphenol   | 12.078 | 107  | 199046   | 20.023 | ng/ul# | 74       |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.460 | 142  | 458740   | 20.140 | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.677 | 142  | 471118   | 20.187 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.830 | 216  | 291677   | 22.221 | ng/ul# | 95       |
| 40) Hexachlorocyclopentadiene | 12.813 | 237  | 201167   | 22.701 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 13.060 | 196  | 178621   | 22.293 | ng/ul  | 96       |
| 42) 2,4,5-Trichlorophenol     | 13.130 | 196  | 191141   | 21.630 | ng/ul  | 91       |
| 43) 1,1'-Biphenyl             | 13.466 | 154  | 628698   | 21.489 | ng/ul# | 96       |
| 44) 2-Chloronaphthalene       | 13.507 | 162  | 493794   | 21.474 | ng/ul  | 95       |
| 45) 2-Nitroaniline            | 13.701 | 65   | 111914   | 21.150 | ng/ul# | 62       |
| 47) Dimethylphthalate         | 14.077 | 163  | 600764   | 20.830 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.195 | 165  | 119131   | 20.782 | ng/ul# | 83       |
| 50) Acenaphthylene            | 14.348 | 152  | 755773   | 21.022 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.519 | 138  | 86290    | 16.458 | ng/ul# | 75       |
| 52) Acenaphthene              | 14.689 | 153  | 491538   | 20.650 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 14.719 | 184  | 69110    | 19.054 | ng/ul# | 73       |
| 55) 4-Nitrophenol             | 14.819 | 109  | 93272    | 20.270 | ng/ul# | 74       |
| 56) Dibenzofuran              | 15.024 | 168  | 718629   | 20.497 | ng/ul  | 93       |
| 57) 2,4-Dinitrotoluene        | 14.977 | 165  | 170598   | 20.352 | ng/ul# | 66       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.248 | 232  | 162217   | 21.178 | ng/ul# | 83       |
| 59) Diethylphthalate          | 15.442 | 149  | 577044   | 20.383 | ng/ul  | 97       |
| 61) Fluorene                  | 15.671 | 166  | 584797   | 20.277 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.666 | 204  | 318716   | 20.526 | ng/ul# | 88       |
| 63) 4-Nitroaniline            | 15.671 | 138  | 81243    | 16.750 | ng/ul# | 73       |
| 66) 4,6-Dinitro-2-methylph... | 15.736 | 198  | 102681   | 20.338 | ng/ul# | 85       |
| 67) N-Nitrosodiphenylamine    | 15.871 | 169  | 497438   | 21.533 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.554 | 248  | 180040   | 21.256 | ng/ul# | 90       |
| 69) Hexachlorobenzene         | 16.677 | 284  | 236526   | 21.464 | ng/ul# | 87       |
| 70) Atrazine                  | 16.818 | 200  | 194367   | 20.782 | ng/ul  | 95       |
| 71) Pentachlorophenol         | 17.012 | 266  | 141076   | 20.173 | ng/ul  | 95       |
| 72) Phenanthrene              | 17.407 | 178  | 908662   | 20.731 | ng/ul  | 98       |
| 74) Anthracene                | 17.501 | 178  | 931978   | 21.042 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.430 | 216  | 293219   | 22.087 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.948 | 250  | 288380   | 23.199 | ng/uL  | 99       |
| 77) Carbazole                 | 17.765 | 167  | 801581   | 20.296 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.336 | 149  | 927671   | 21.548 | ng/ul# | 98       |
| 80) Fluoranthene              | 19.418 | 202  | 1101637  | 20.772 | ng/ul# | 92       |
| 82) Pyrene                    | 19.777 | 202  | 1130311  | 20.604 | ng/ul# | 91       |
| 83) Butylbenzylphthalate      | 20.671 | 149  | 398406   | 21.222 | ng/ul# | 78       |
| 84) 3,3'-Dichlorobenzidine    | 21.448 | 252  | 312624   | 19.555 | ng/ul  | 96       |
| 85) Benzo(a)anthracene        | 21.518 | 228  | 1136876  | 20.980 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.453 | 149  | 583112   | 21.220 | ng/ul# | 98       |
| 87) Chrysene                  | 21.577 | 228  | 1103486  | 20.847 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.389 | 149  | 984817   | 17.429 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.236 | 252  | 1267098  | 20.129 | ng/ul# | 96       |
| 91) Benzo(k)fluoranthene      | 23.283 | 252  | 1154469  | 19.515 | ng/ul# | 98       |
| 93) Benzo(a)pyrene            | 23.871 | 252  | 1239226  | 20.966 | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.530 | 276  | 1524517  | 24.707 | ng/ul# | 95       |
| 95) Dibenzo(a,h)anthracene    | 26.553 | 278  | 1316088  | 24.720 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 27.318 | 276  | 1299214  | 25.196 | ng/ul# | 95       |

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

**Instrument :**

BNA\_M

**LabSampleId :**

SSTDCCC020

**Manual IntegrationsAPPROVED**

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