

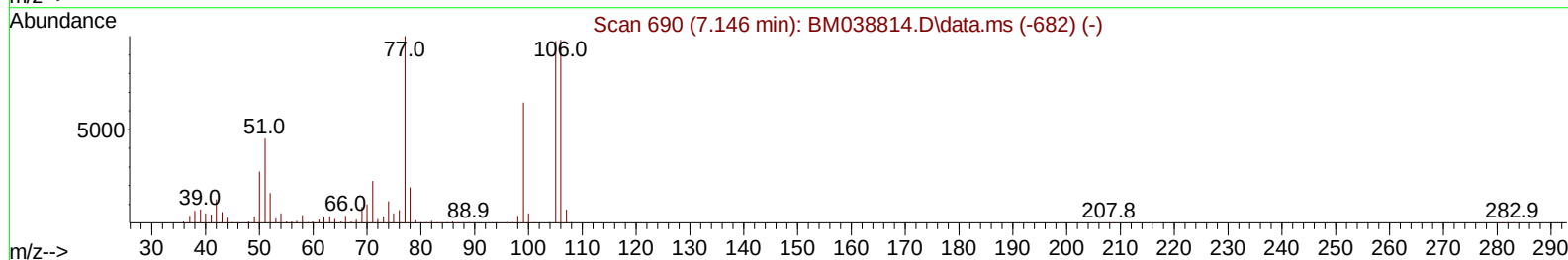
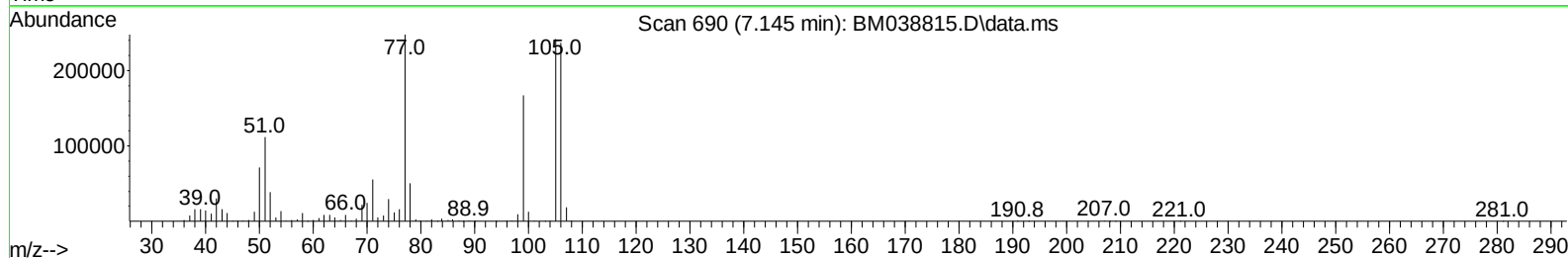
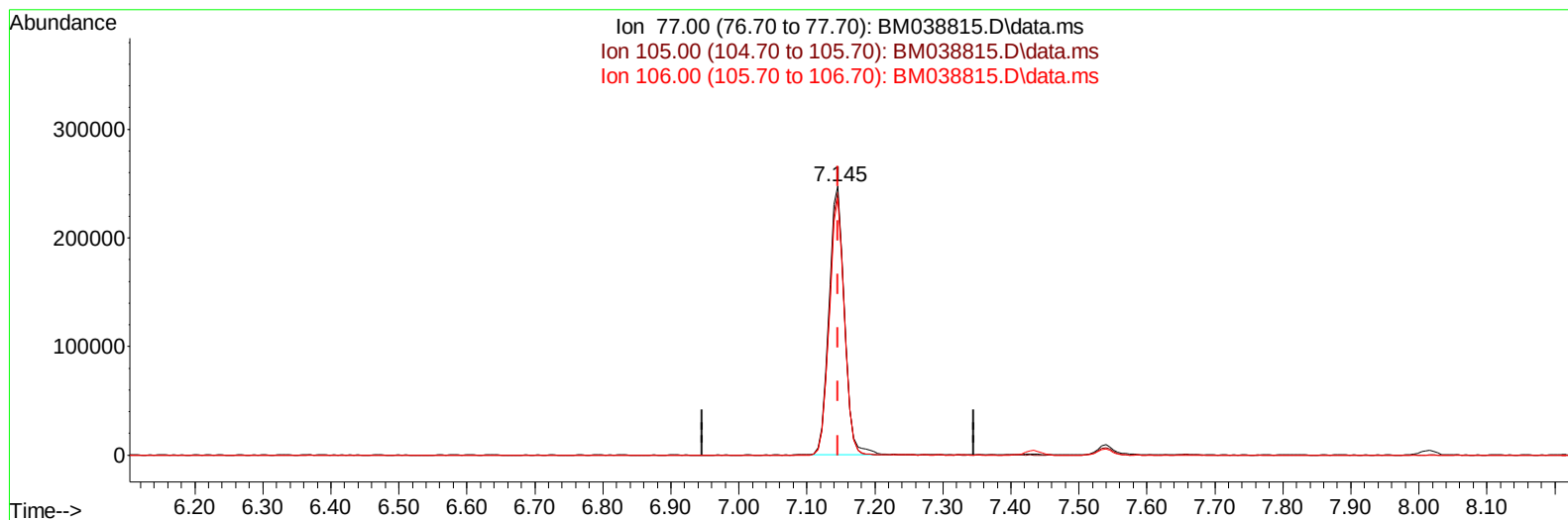
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022823\  
Data File : BM038815.D  
Acq On : 28 Feb 2023 17:24  
Operator : CG/JU  
Sample : SSTD04036  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD040043

Manual IntegrationsAPPROVED

Quant Time: Mar 01 01:34:43 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM022823.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Mar 01 01:29:16 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 03/01/2023  
Supervised By :Jagrut Upadhyay 03/03/2023



TIC: BM038815.D\data.ms

(6) Benzaldehyde

7.145min (-0.000) 79.10 ng/u1

response 393019

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 97.40  | 97.62  |
| 106.00 | 97.90  | 95.53  |
| 0.00   | 0.00   | 0.00   |

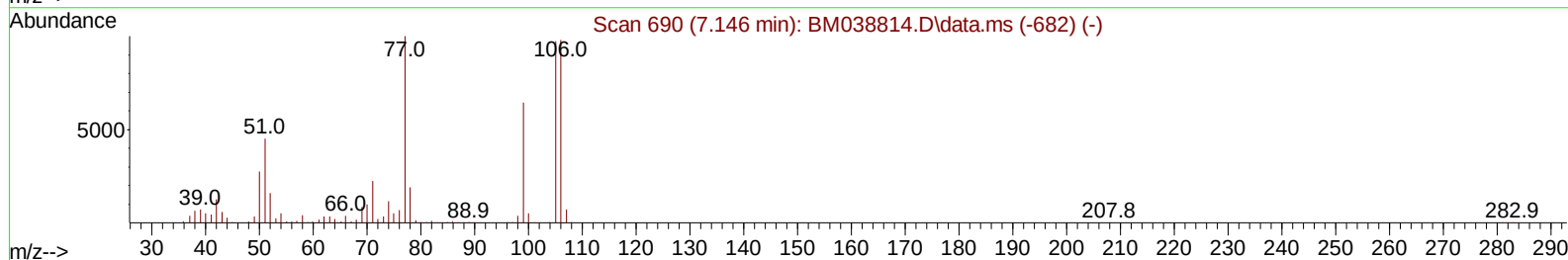
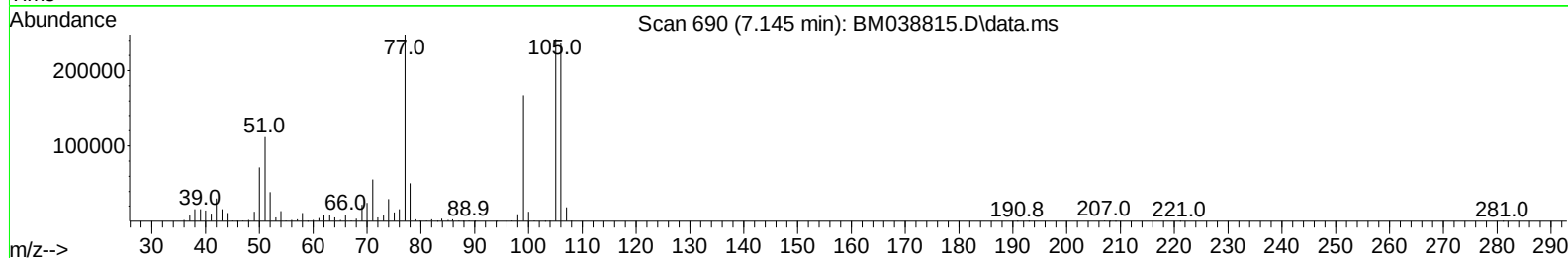
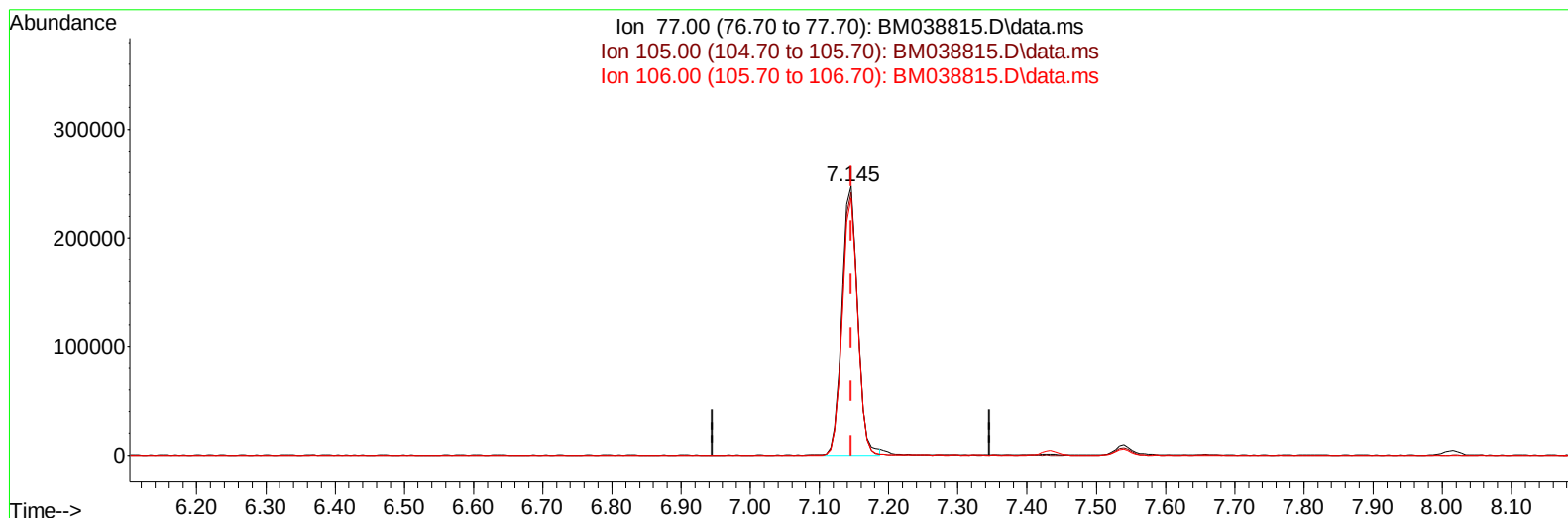
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TIC: BM038815.D\data.ms

(6) Benzaldehyde

7.145min (-0.000) 78.75 ng/ul m

response 391249

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 97.40  | 97.62  |
| 106.00 | 97.90  | 95.53  |
| 0.00   | 0.00   | 0.00   |

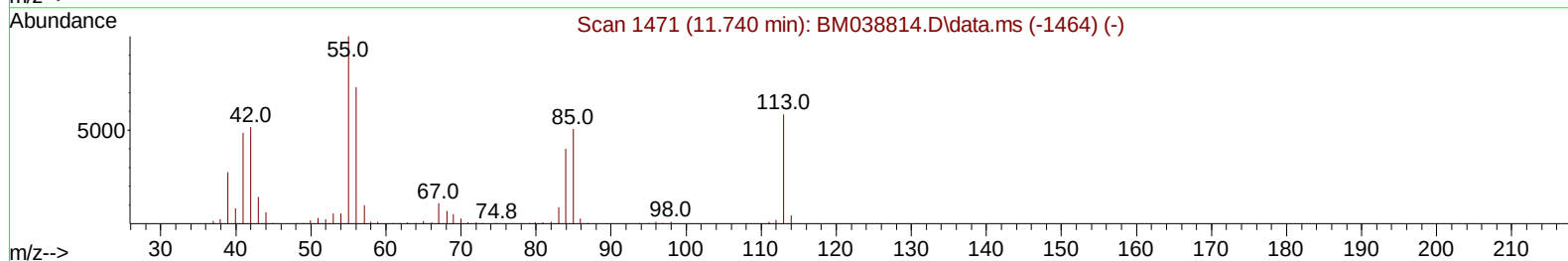
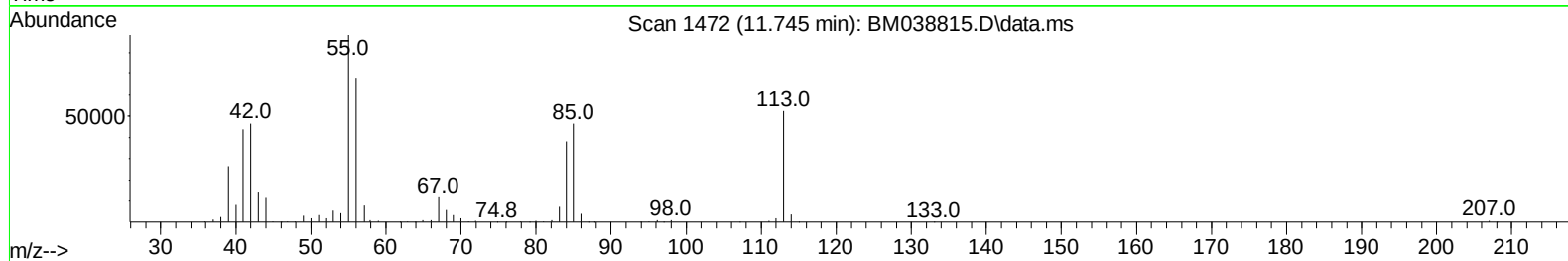
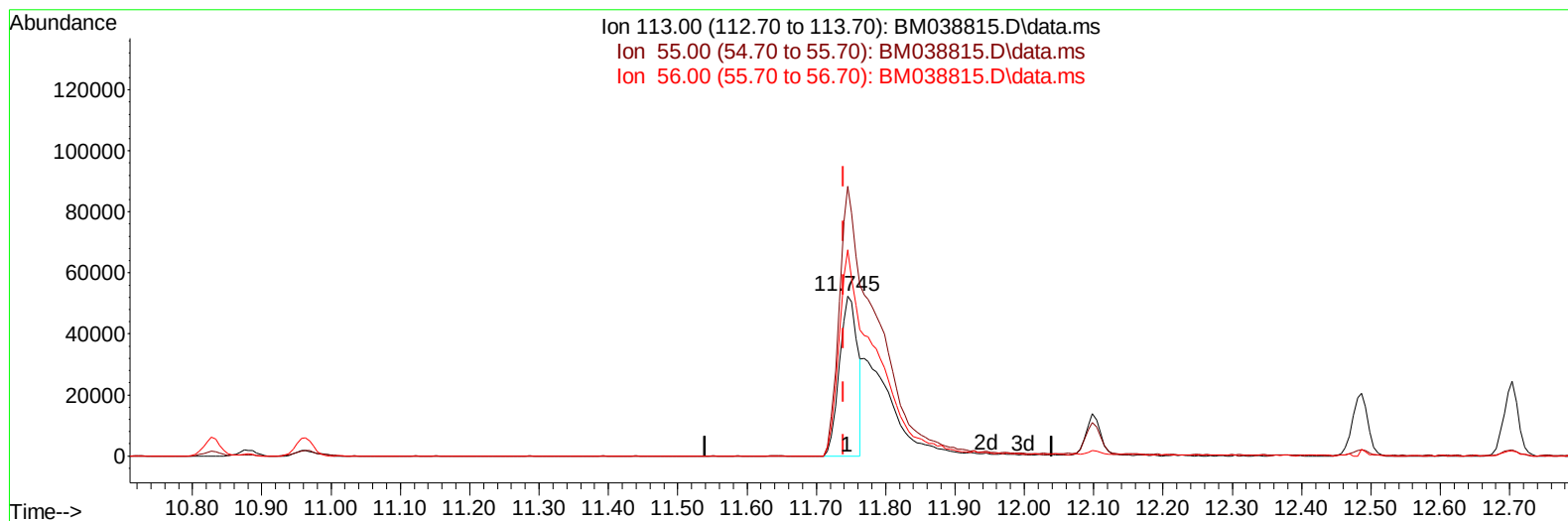
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TIC: BM038815.D\data.ms

**(34) Caprolactam**

11.745min (+ 0.006) 23.98 ng/ul

response 96091

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 171.30 | 168.47 |
| 56.00  | 124.90 | 129.03 |
| 0.00   | 0.00   | 0.00   |



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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.016  | 152  | 191453   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.828 | 136  | 871958   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.651 | 164  | 565275   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.392 | 188  | 1229424  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.568 | 240  | 1295941  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.027 | 264  | 1487077  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.381  | 96   | 82964    | 23.093 | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.799  | 84   | 590618   | 63.103 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.157  | 99   | 731880   | 58.767 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.340  | 67   | 463249   | 67.669 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.540  | 132  | 561168   | 49.068 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.716  | 113  | 572517   | 51.263 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.181  | 128  | 274930   | 42.433 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.904  | 143  | 262400   | 29.877 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.439 | 165  | 570935   | 32.357 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.963 | 131  | 908187   | 44.513 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.063 | 166  | 1815241  | 40.464 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.345 | 160  | 2174742  | 43.511 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.827 | 143  | 367969   | 50.377 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.639 | 176  | 1605528  | 42.170 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.751 | 200  | 263499   | 35.109 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.492 | 188  | 2566796  | 44.240 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.780 | 212  | 2984973  | 38.035 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.874 | 264  | 3250835  | 42.216 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.416  | 88   | 87476    | 23.811 | ng/uL  | 98       |
| 5) Pyridine                   | 3.822  | 79   | 626583   | 66.606 | ng/ul  | 97       |
| 6) Benzaldehyde               | 7.145  | 77   | 391249m  | 78.747 | ng/ul  |          |
| 8) Phenol                     | 7.187  | 94   | 780250   | 62.711 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.434  | 93   | 617509   | 61.852 | ng/ul  | 99       |
| 12) 2-Chlorophenol            | 7.569  | 128  | 580009   | 52.196 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.451  | 108  | 581718   | 55.928 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.551  | 45   | 777850   | 88.816 | ng/ul  | 99       |
| 16) Acetophenone              | 8.839  | 105  | 1004699  | 55.676 | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.828  | 70   | 487067   | 61.102 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.781  | 108  | 653866   | 56.931 | ng/ul  | 98       |
| 19) Hexachloroethane          | 9.104  | 117  | 228688   | 47.427 | ng/ul  | 99       |
| 22) Nitrobenzene              | 9.222  | 77   | 717261   | 52.187 | ng/ul  | 99       |
| 23) Isophorone                | 9.751  | 82   | 1453909  | 54.367 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.934  | 139  | 309916   | 35.734 | ng/ul  | 98       |
| 26) 2,4-Dimethylphenol        | 9.992  | 107  | 704005   | 48.103 | ng/ul  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.239 | 93   | 859669   | 53.477 | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.469 | 162  | 571648   | 33.328 | ng/ul  | 99       |
| 30) Naphthalene               | 10.881 | 128  | 2034892  | 47.160 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.986 | 127  | 915699   | 45.807 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 11.169 | 225  | 341429   | 38.291 | ng/ul  | 100      |
| 34) Caprolactam               | 11.745 | 113  | 194560m  | 48.563 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.098 | 107  | 652318   | 48.807 | ng/ul  | 99       |

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 Sample : SSTD04036  
 Misc :  
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Instrument :  
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Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.486 | 142  | 1348390  | 39.875 | ng/ul | 100      |
| 37) 1-Methylnaphthalene       | 12.704 | 142  | 1348802  | 38.654 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.845 | 216  | 690649   | 51.987 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.833 | 237  | 362422   | 47.856 | ng/ul | 96       |
| 41) 2,4,6-Trichlorophenol     | 13.080 | 196  | 459217   | 42.927 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 13.151 | 196  | 504802   | 43.298 | ng/ul | 99       |
| 43) 1,1'-Biphenyl             | 13.492 | 154  | 1827013  | 43.848 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.527 | 162  | 1462341  | 43.224 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.727 | 65   | 380715   | 59.045 | ng/ul | 97       |
| 47) Dimethylphthalate         | 14.110 | 163  | 1851565  | 41.671 | ng/ul | 98       |
| 48) 2,6-Dinitrotoluene        | 14.221 | 165  | 337611   | 38.295 | ng/ul | 100      |
| 50) Acenaphthylene            | 14.374 | 152  | 2374762  | 45.802 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.545 | 138  | 379520   | 52.131 | ng/ul | 98       |
| 52) Acenaphthene              | 14.716 | 153  | 1613093  | 43.965 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.751 | 184  | 157918   | 29.113 | ng/ul | 93       |
| 55) 4-Nitrophenol             | 14.845 | 109  | 299461   | 47.095 | ng/ul | 97       |
| 56) Dibenzofuran              | 15.045 | 168  | 2229822  | 42.612 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 15.004 | 165  | 509651   | 40.014 | ng/ul | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.268 | 232  | 441967   | 50.102 | ng/ul | 96       |
| 59) Diethylphthalate          | 15.474 | 149  | 1856715  | 41.838 | ng/ul | 99       |
| 61) Fluorene                  | 15.692 | 166  | 1890196  | 43.290 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.692 | 204  | 902765   | 47.816 | ng/ul | 100      |
| 63) 4-Nitroaniline            | 15.704 | 138  | 407982   | 72.636 | ng/ul | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.763 | 198  | 274342   | 37.711 | ng/ul | 98       |
| 67) N-Nitrosodiphenylamine    | 15.904 | 169  | 1557917  | 42.806 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.586 | 248  | 527808   | 45.829 | ng/ul | 95       |
| 69) Hexachlorobenzene         | 16.692 | 284  | 632115   | 43.069 | ng/ul | 98       |
| 70) Atrazine                  | 16.851 | 200  | 525611   | 39.807 | ng/ul | 99       |
| 71) Pentachlorophenol         | 17.033 | 266  | 386050   | 42.699 | ng/ul | 100      |
| 72) Phenanthrene              | 17.433 | 178  | 2939347  | 42.653 | ng/ul | 100      |
| 74) Anthracene                | 17.527 | 178  | 3022053  | 43.102 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.451 | 216  | 717334   | 53.885 | ng/uL | 100      |
| 76) Pentachlorobenzene        | 14.963 | 250  | 733502   | 48.585 | ng/uL | 99       |
| 77) Carbazole                 | 17.792 | 167  | 2810077  | 43.355 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.368 | 149  | 3088309  | 36.716 | ng/ul | 100      |
| 80) Fluoranthene              | 19.445 | 202  | 3377332  | 34.158 | ng/ul | 99       |
| 82) Pyrene                    | 19.803 | 202  | 3735974  | 36.095 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.709 | 149  | 1180880  | 23.001 | ng/ul | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.486 | 252  | 1132812  | 36.667 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.556 | 228  | 3755075  | 41.744 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.492 | 149  | 1922939  | 25.236 | ng/ul | 98       |
| 87) Chrysene                  | 21.609 | 228  | 3644107  | 43.849 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.444 | 149  | 3302902  | 21.624 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.280 | 252  | 3940553  | 40.536 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.333 | 252  | 4026050  | 41.897 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.921 | 252  | 3649827  | 44.862 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.603 | 276  | 4923735  | 47.722 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.621 | 278  | 4141858  | 47.984 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 27.385 | 276  | 4000134  | 49.272 | ng/ul | 98       |

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

**Instrument :**

BNA\_M

**ClientSampleId :**

SSTD040043

**Manual IntegrationsAPPROVED**

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