

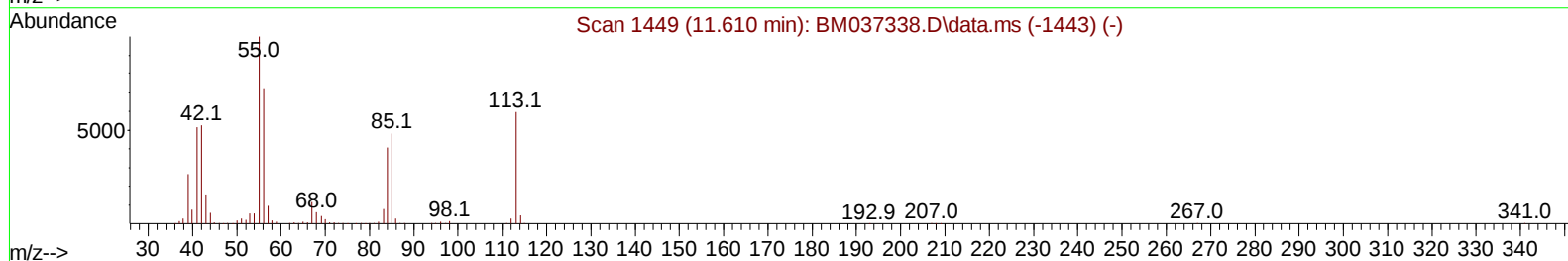
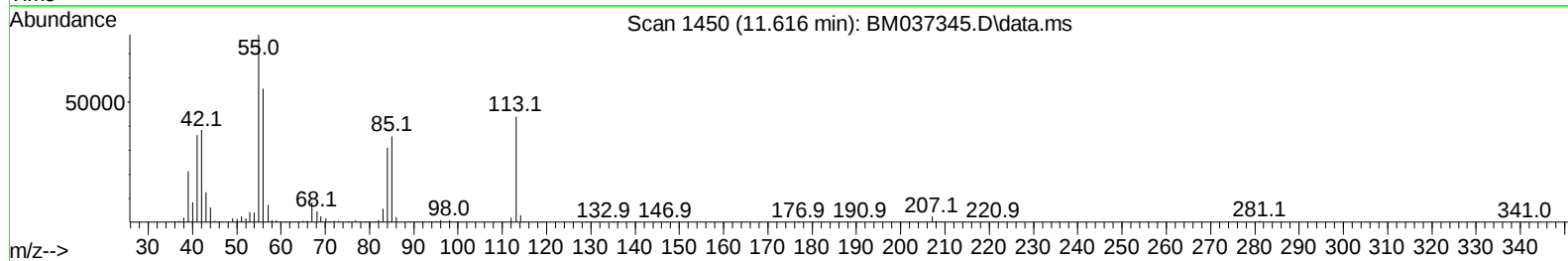
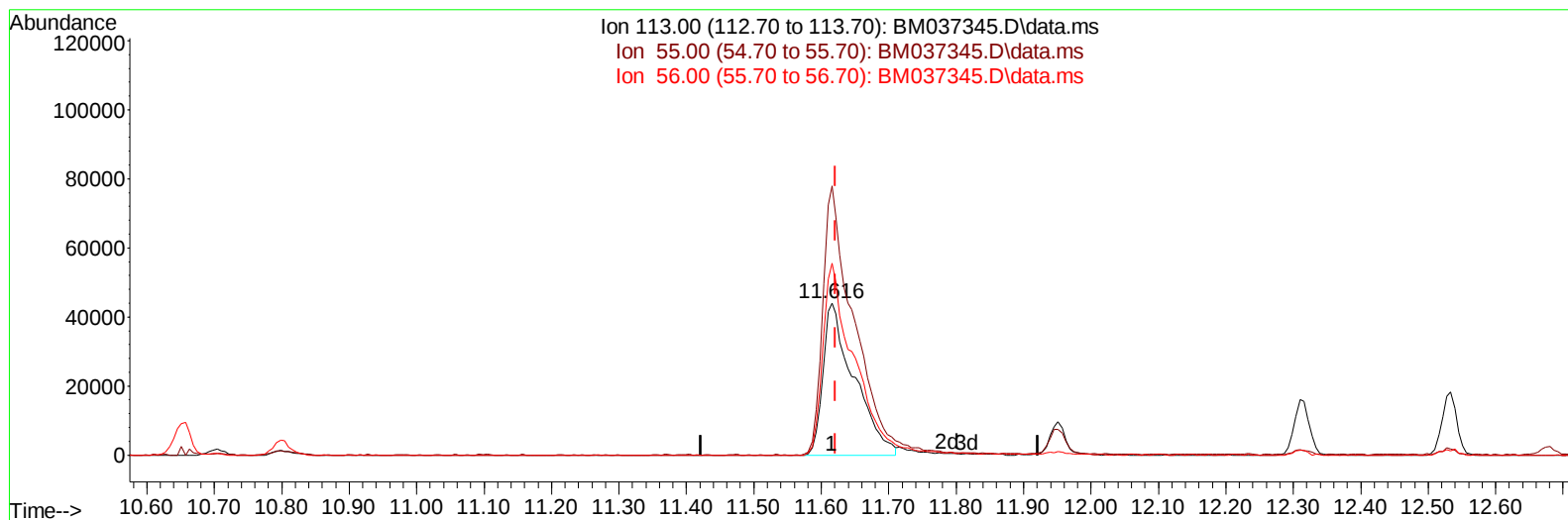
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110322\  
 Data File : BM037345.D  
 Acq On : 03 Nov 2022 14:12  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 04 01:02:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM110122.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 02 03:33:37 2022  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 11/04/2022  
 Supervised By :Jagrut Upadhyay 11/07/2022



TIC: BM037345.D\data.ms

**(34) Caprolactam**

**11.616min (-0.006) 18.80 ng/ul**

**response 140118**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 172.10 | 176.89 |
| 56.00  | 121.30 | 126.24 |
| 0.00   | 0.00   | 0.00   |



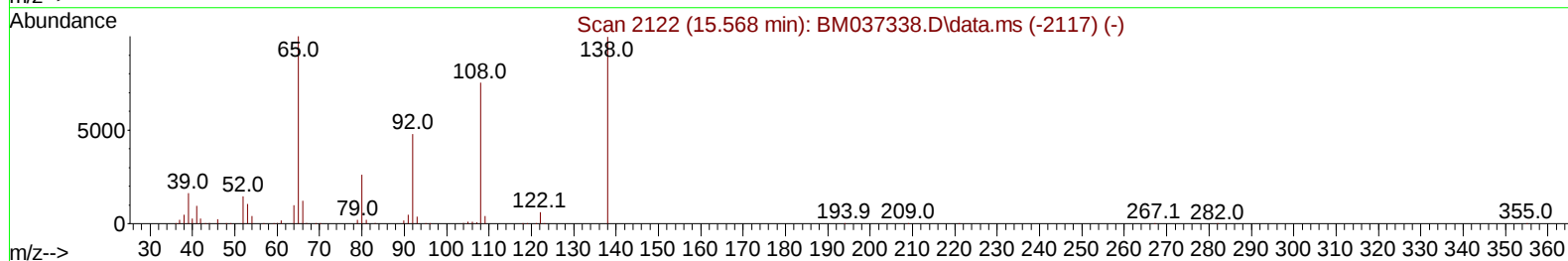
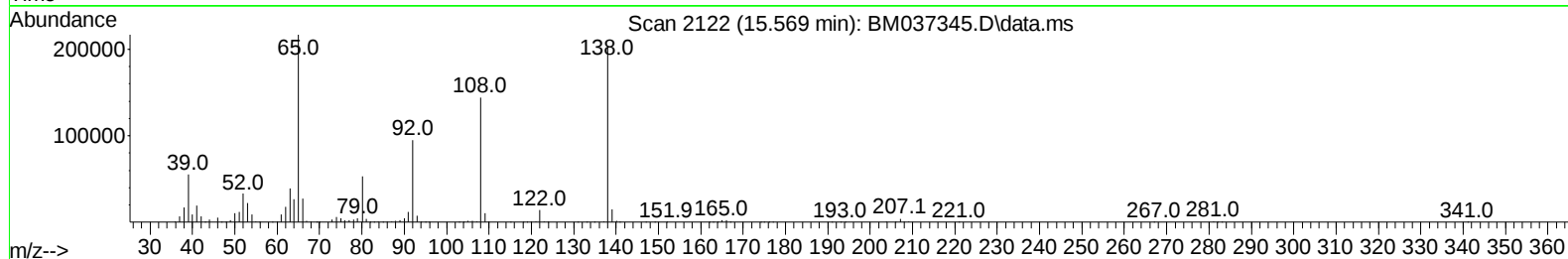
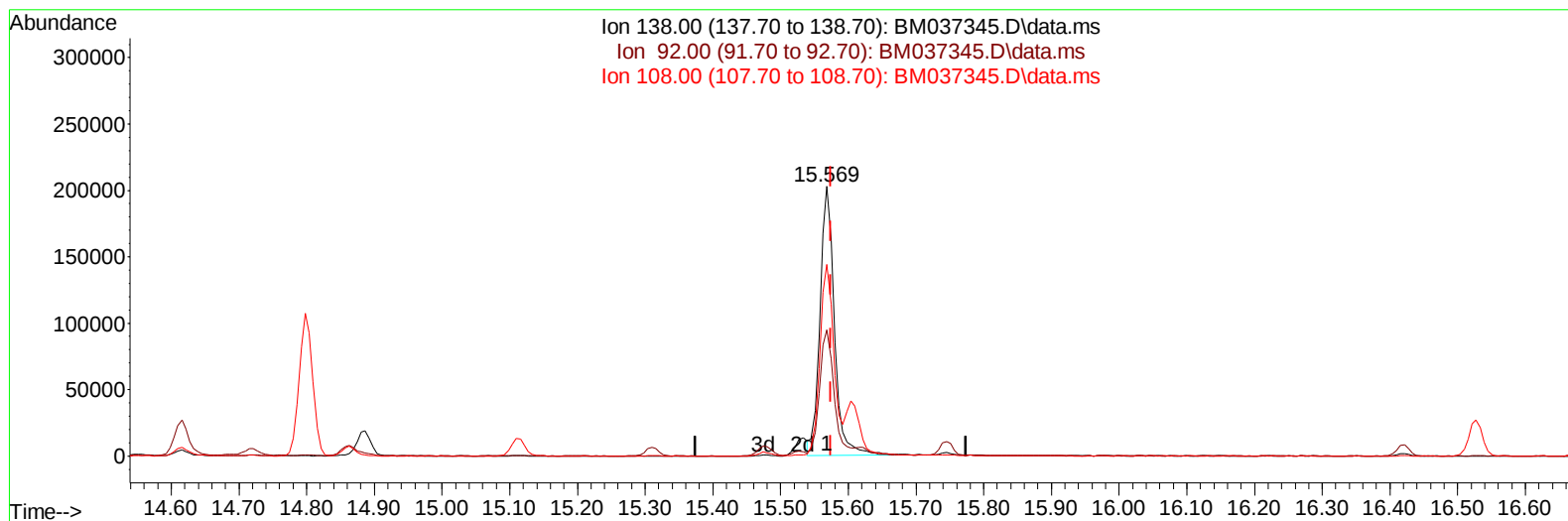
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110322\  
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TIC: BM037345.D\data.ms

**(63) 4-Nitroaniline**

**15.569min (-0.006) 22.21 ng/ul**

**response 300919**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 48.10  | 46.80  |
| 108.00 | 71.20  | 71.08  |
| 0.00   | 0.00   | 0.00   |

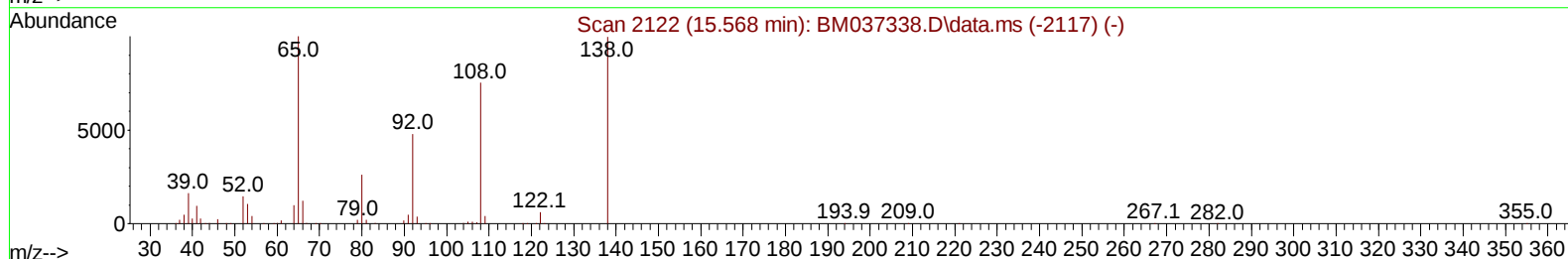
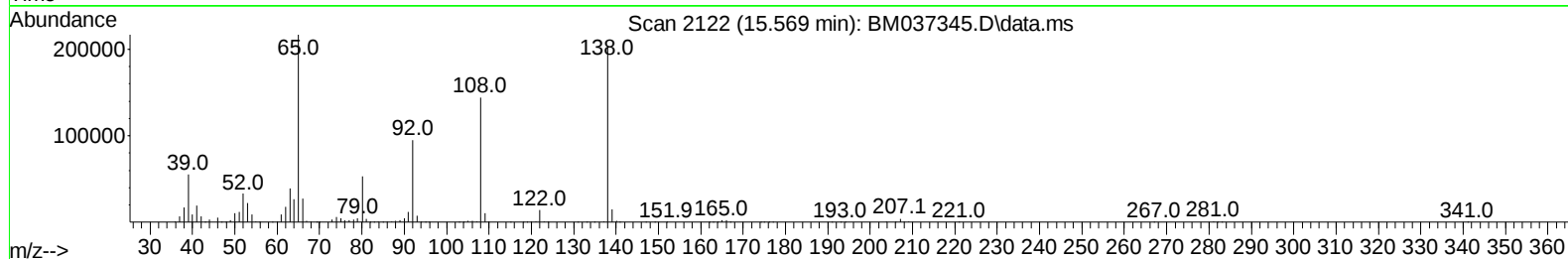
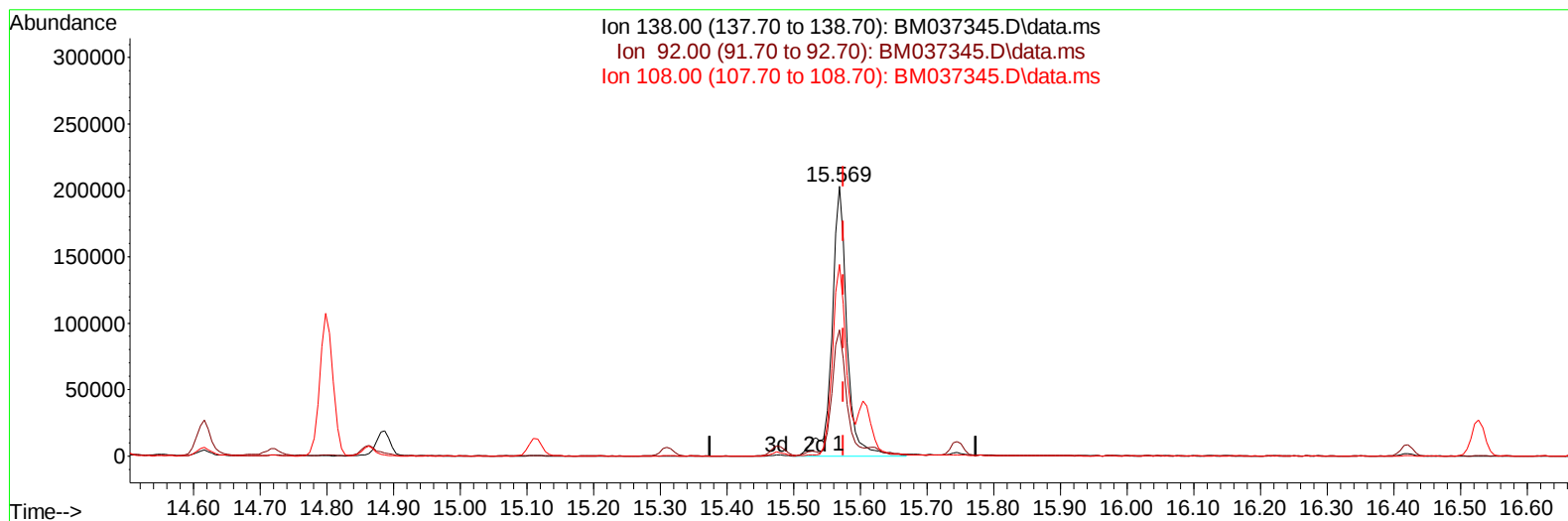
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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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TIC: BM037345.D\data.ms

**(63) 4-Nitroaniline**

**15.569min (-0.006) 23.72 ng/ul m**

**response 321388**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 48.10  | 46.80  |
| 108.00 | 71.20  | 71.08  |
| 0.00   | 0.00   | 0.00   |

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 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
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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     | 7.851  | 152  | 321752   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.651 | 136  | 1466905  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.486 | 164  | 936435   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.227 | 188  | 1947274  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.398 | 240  | 1975472  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.750 | 264  | 1713655  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.269  | 96   | 61165    | 8.380  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.693  | 84   | 444033   | 20.379 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.022  | 99   | 545516   | 19.482 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.187  | 67   | 343477   | 19.990 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.381  | 132  | 452668   | 21.158 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.569  | 113  | 445558   | 19.486 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.022  | 128  | 230766   | 21.060 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.739  | 143  | 250535   | 20.990 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.275 | 165  | 469829   | 21.350 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.798 | 131  | 676456   | 20.116 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.904 | 166  | 1329992  | 20.541 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.180 | 160  | 1650891  | 21.209 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.704 | 143  | 256358   | 19.808 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.474 | 176  | 1233007  | 21.355 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.604 | 200  | 230642   | 18.700 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.327 | 188  | 1921386  | 21.425 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.615 | 212  | 2135675  | 20.689 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.597 | 264  | 1864671  | 21.139 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.305  | 88   | 65269    | 8.511  | ng/uL  | 99       |
| 5) Pyridine                   | 3.710  | 79   | 445488   | 20.413 | ng/ul  | 96       |
| 6) Benzaldehyde               | 6.998  | 77   | 336796   | 25.999 | ng/ul  | 97       |
| 8) Phenol                     | 7.051  | 94   | 575245   | 19.525 | ng/ul  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.281  | 93   | 471660   | 19.956 | ng/ul  | 98       |
| 12) 2-Chlorophenol            | 7.416  | 128  | 482663   | 20.850 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.304  | 108  | 441099   | 19.624 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.393  | 45   | 683586   | 20.363 | ng/ul  | 98       |
| 16) Acetophenone              | 8.687  | 105  | 736937   | 20.096 | ng/ul  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.669  | 70   | 367465   | 20.174 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.634  | 108  | 489442   | 19.768 | ng/ul  | 100      |
| 19) Hexachloroethane          | 8.928  | 117  | 202238   | 22.012 | ng/ul  | 100      |
| 22) Nitrobenzene              | 9.063  | 77   | 556063   | 21.025 | ng/ul  | 99       |
| 23) Isophorone                | 9.592  | 82   | 1029550  | 20.183 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.775  | 139  | 287335   | 21.062 | ng/ul  | 99       |
| 26) 2,4-Dimethylphenol        | 9.834  | 107  | 544632   | 21.232 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.075 | 93   | 660224   | 20.818 | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.304 | 162  | 484903   | 21.412 | ng/ul  | 100      |
| 30) Naphthalene               | 10.704 | 128  | 1664054  | 21.262 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.822 | 127  | 702908   | 20.172 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.981 | 225  | 304214   | 21.813 | ng/ul  | 98       |
| 34) Caprolactam               | 11.616 | 113  | 144289m  | 19.362 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.951 | 107  | 492049   | 20.948 | ng/ul  | 100      |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.316 | 142  | 1131334  | 20.932 | ng/ul | 100      |
| 37) 1-Methylnaphthalene       | 12.533 | 142  | 1150691  | 21.158 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.680 | 216  | 596397   | 21.220 | ng/ul | 99       |
| 40) Hexachlorocyclopentadiene | 12.651 | 237  | 301021   | 19.158 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.928 | 196  | 389556   | 21.472 | ng/ul | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.998 | 196  | 419277   | 21.462 | ng/ul | 98       |
| 43) 1,1'-Biphenyl             | 13.322 | 154  | 1476019  | 21.207 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.363 | 162  | 1197943  | 21.420 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.580 | 65   | 322490   | 21.869 | ng/ul | 98       |
| 47) Dimethylphthalate         | 13.951 | 163  | 1427692  | 20.701 | ng/ul | 99       |
| 48) 2,6-Dinitrotoluene        | 14.080 | 165  | 294478   | 21.807 | ng/ul | 97       |
| 50) Acenaphthylene            | 14.210 | 152  | 1826704  | 21.470 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.410 | 138  | 316511   | 21.720 | ng/ul | 100      |
| 52) Acenaphthene              | 14.551 | 153  | 1289107  | 21.294 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.616 | 184  | 156479   | 17.256 | ng/ul | 95       |
| 55) 4-Nitrophenol             | 14.716 | 109  | 194045   | 20.389 | ng/ul | 97       |
| 56) Dibenzofuran              | 14.886 | 168  | 1738307  | 21.265 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.863 | 165  | 425649   | 21.512 | ng/ul | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.116 | 232  | 362117   | 21.292 | ng/ul | 97       |
| 59) Diethylphthalate          | 15.310 | 149  | 1439725  | 20.959 | ng/ul | 99       |
| 61) Fluorene                  | 15.533 | 166  | 1493346  | 21.597 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.527 | 204  | 723349   | 21.287 | ng/ul | 99       |
| 63) 4-Nitroaniline            | 15.569 | 138  | 321388m  | 23.721 | ng/ul |          |
| 66) 4,6-Dinitro-2-methylph... | 15.621 | 198  | 245616   | 18.746 | ng/ul | 97       |
| 67) N-Nitrosodiphenylamine    | 15.745 | 169  | 1223635  | 21.198 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.421 | 248  | 433905   | 20.946 | ng/ul | 100      |
| 69) Hexachlorobenzene         | 16.527 | 284  | 535602   | 21.185 | ng/ul | 98       |
| 70) Atrazine                  | 16.698 | 200  | 414392   | 20.278 | ng/ul | 98       |
| 71) Pentachlorophenol         | 16.880 | 266  | 293993   | 19.002 | ng/ul | 97       |
| 72) Phenanthrene              | 17.268 | 178  | 2337592  | 21.469 | ng/ul | 100      |
| 74) Anthracene                | 17.357 | 178  | 2359875  | 21.542 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.286 | 216  | 594007   | 21.051 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.798 | 250  | 650049   | 21.172 | ng/uL | 98       |
| 77) Carbazole                 | 17.639 | 167  | 2101273  | 21.261 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.198 | 149  | 2464402  | 21.644 | ng/ul | 100      |
| 80) Fluoranthene              | 19.280 | 202  | 2640836  | 20.789 | ng/ul | 99       |
| 82) Pyrene                    | 19.645 | 202  | 2833048  | 21.170 | ng/ul | 100      |
| 83) Butylbenzylphthalate      | 20.539 | 149  | 1106161  | 21.282 | ng/ul | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.321 | 252  | 969564   | 21.177 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.386 | 228  | 2744079  | 21.645 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.309 | 149  | 1629895  | 22.489 | ng/ul | 100      |
| 87) Chrysene                  | 21.439 | 228  | 2541244  | 21.303 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.215 | 149  | 2633731  | 21.124 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.033 | 252  | 2587826  | 21.708 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.080 | 252  | 2436933  | 20.879 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 23.644 | 252  | 2121999  | 21.284 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.174 | 276  | 2241365  | 21.006 | ng/ul | 99       |
| 95) Dibenzo(a,h)anthracene    | 26.185 | 278  | 2011936  | 20.967 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 26.921 | 276  | 1892095  | 20.696 | ng/ul | 100      |

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

**Instrument :**

BNA\_M

**LabSampleId :**

SSTDCCC020

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