

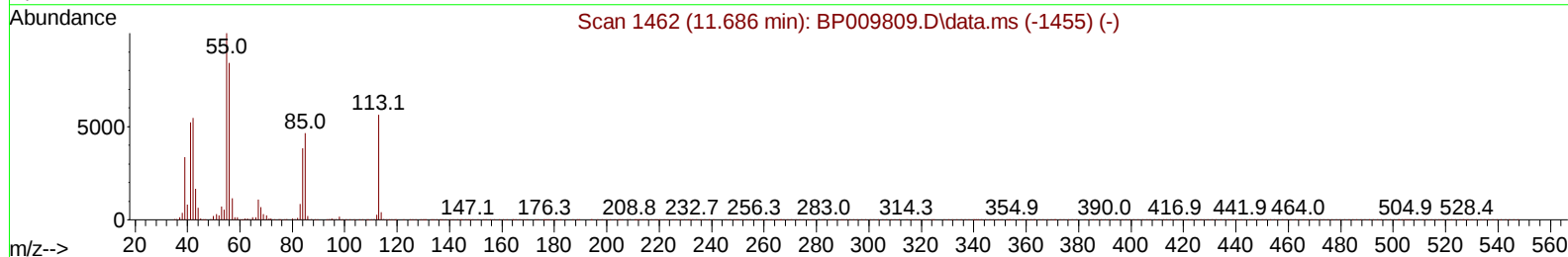
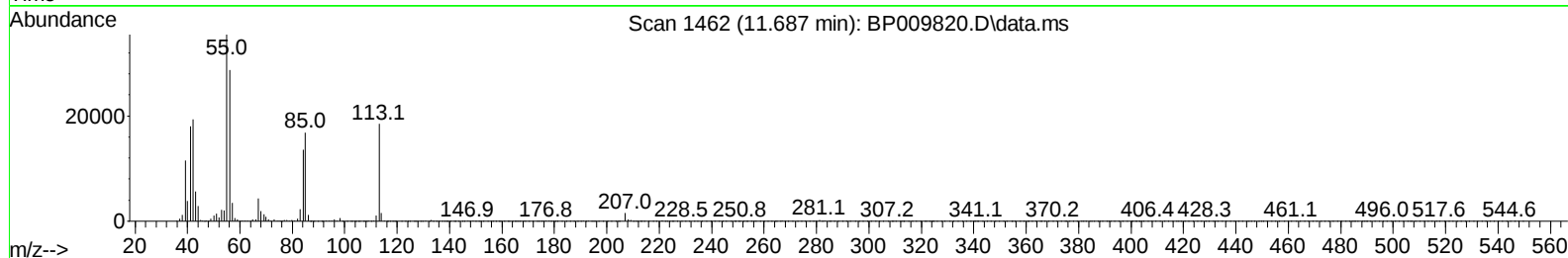
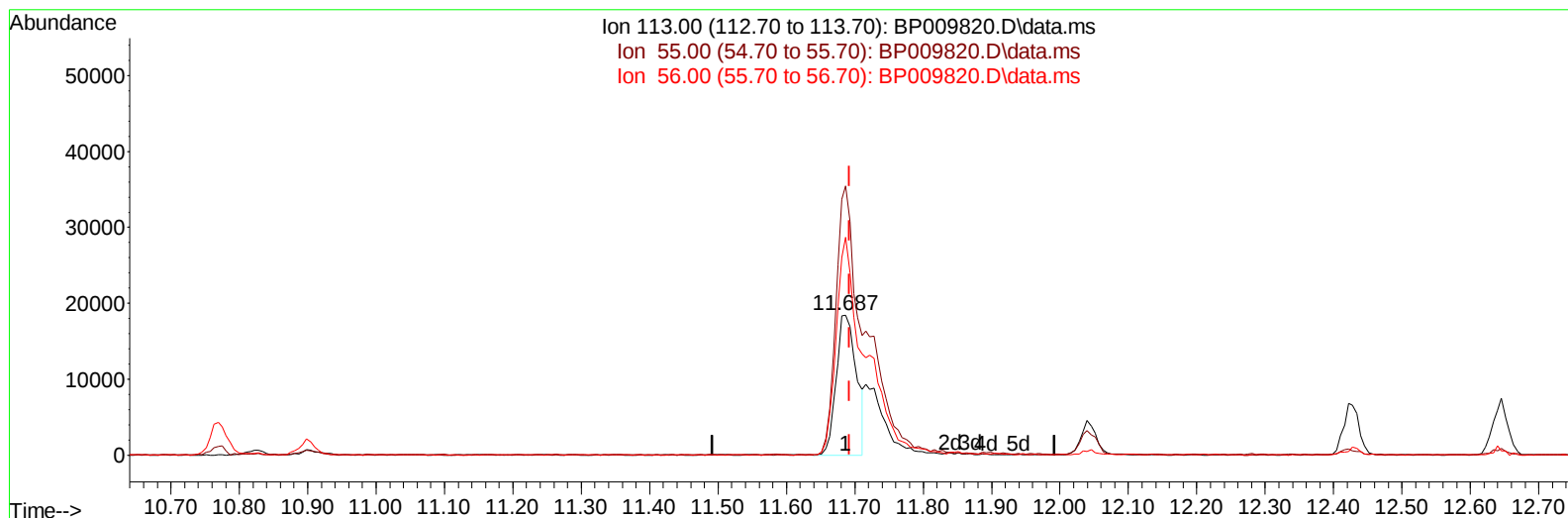
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041322\  
 Data File : BP009820.D  
 Acq On : 13 Apr 2022 16:22  
 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Apr 14 01:07:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 13 02:15:22 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/14/2022  
 Supervised By :Yogesh Patel 04/14/2022



TIC: BP009820.D\data.ms

**(34) Caprolactam**

**11.687min (-0.006) 12.91 ng/ul**

**response 37932**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 113.00 | 100.00 | 100.00  |
| 55.00  | 72.70  | 192.11# |
| 56.00  | 85.80  | 155.42# |
| 0.00   | 0.00   | 0.00    |

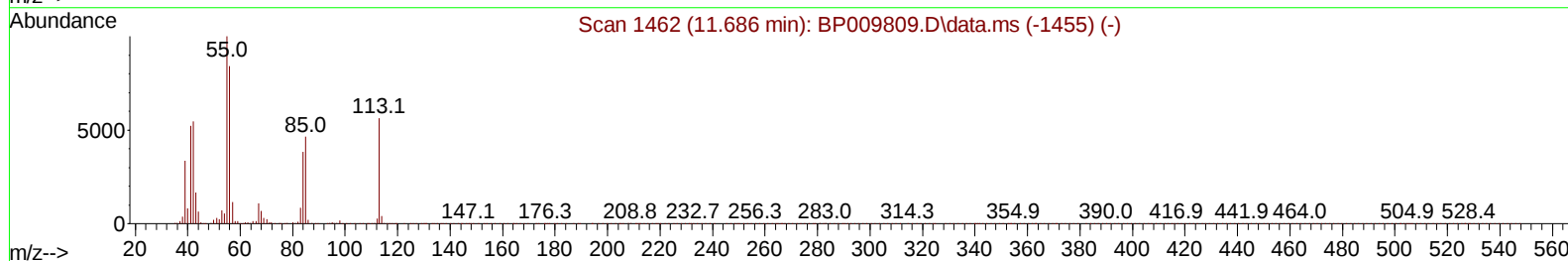
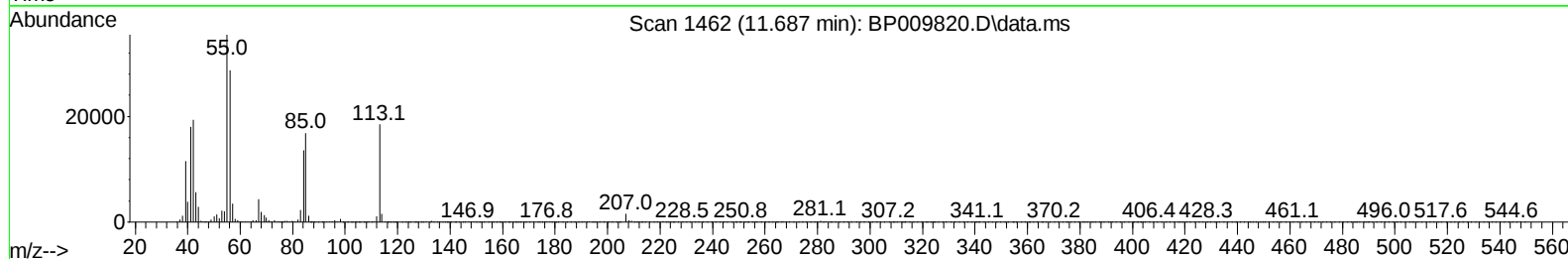
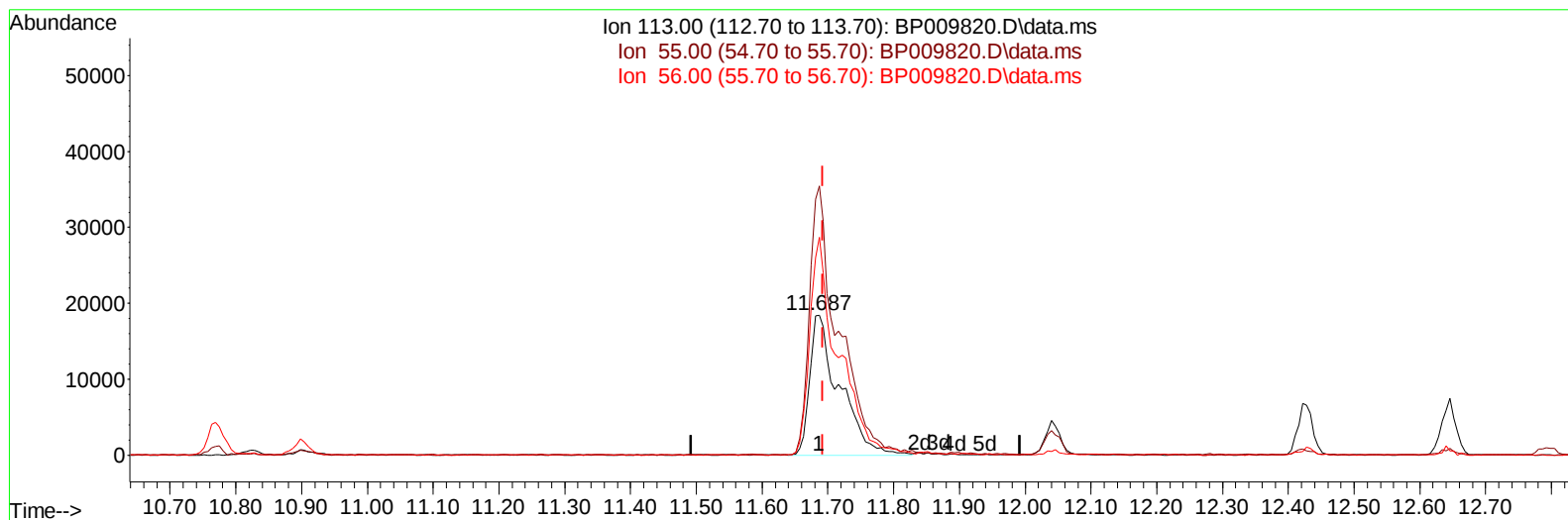
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TIC: BP009820.D\data.ms

**(34) Caprolactam**

**11.687min (-0.006) 19.52 ng/ul m**

**response 57346**

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 113.00 | 100.00 | 100.00  |
| 55.00  | 72.70  | 192.11# |
| 56.00  | 85.80  | 155.42# |
| 0.00   | 0.00   | 0.00    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041322\  
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 Operator : CG/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020EC

Manual IntegrationsAPPROVED

Quant Time: Apr 14 01:07:54 2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.963  | 152  | 119819   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.769 | 136  | 553952   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.592 | 164  | 400102   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.345 | 188  | 882230   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.427 | 240  | 942125   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.892 | 264  | 900440   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 20750    | 7.729  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.799  | 84   | 143206   | 19.346 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.116  | 99   | 199356   | 18.951 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.287  | 67   | 126752   | 20.240 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.493  | 132  | 154279   | 19.443 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.663  | 113  | 170084   | 19.369 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.122  | 128  | 82718    | 20.707 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.846  | 143  | 88513    | 20.210 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.387 | 165  | 177041   | 19.318 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.898 | 131  | 242942   | 18.612 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.998 | 166  | 587239   | 18.685 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.287 | 160  | 711275   | 19.103 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.775 | 143  | 104892   | 18.403 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.586 | 176  | 502492   | 19.006 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.698 | 200  | 94940    | 18.166 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.445 | 188  | 803760   | 19.028 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.669 | 212  | 975414   | 18.957 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.733 | 264  | 908653   | 19.378 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.417  | 88   | 20134    | 7.357  | ng/ul# | 26       |
| 5) Pyridine                   | 3.822  | 79   | 148516   | 19.230 | ng/ul# | 45       |
| 6) Benzaldehyde               | 7.093  | 77   | 139486   | 21.621 | ng/ul  | 96       |
| 8) Phenol                     | 7.146  | 94   | 202364   | 19.219 | ng/ul# | 93       |
| 10) Bis(2-Chloroethyl)ether   | 7.381  | 93   | 161214   | 19.655 | ng/ul# | 75       |
| 12) 2-Chlorophenol            | 7.522  | 128  | 155964   | 19.496 | ng/ul  | 95       |
| 13) 2-Methylphenol            | 8.399  | 108  | 153639   | 18.712 | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.493  | 45   | 247059   | 20.378 | ng/ul# | 83       |
| 16) Acetophenone              | 8.787  | 105  | 274025   | 19.806 | ng/ul# | 78       |
| 17) N-Nitroso-di-n-propyla... | 8.775  | 70   | 144483   | 20.143 | ng/ul# | 73       |
| 18) 4-Methylphenol            | 8.728  | 108  | 174635   | 19.640 | ng/ul  | 94       |
| 19) Hexachloroethane          | 9.052  | 117  | 66642    | 19.731 | ng/ul# | 77       |
| 22) Nitrobenzene              | 9.163  | 77   | 207903   | 20.276 | ng/ul# | 83       |
| 23) Isophorone                | 9.693  | 82   | 403393   | 19.092 | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.881  | 139  | 95734    | 20.495 | ng/ul# | 83       |
| 26) 2,4-Dimethylphenol        | 9.940  | 107  | 208382   | 18.799 | ng/ul# | 77       |
| 27) Bis(2-Chloroethoxy)met... | 10.175 | 93   | 237395   | 19.137 | ng/ul# | 97       |
| 29) 2,4-Dichlorophenol        | 10.410 | 162  | 171058   | 19.253 | ng/ul# | 82       |
| 30) Naphthalene               | 10.822 | 128  | 547993   | 19.235 | ng/ul  | 96       |
| 32) 4-Chloroaniline           | 10.922 | 127  | 240525   | 18.621 | ng/ul  | 97       |
| 33) Hexachlorobutadiene       | 11.116 | 225  | 121285   | 18.954 | ng/ul  | 94       |
| 34) Caprolactam               | 11.687 | 113  | 57346m   | 19.517 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.040 | 107  | 205003   | 19.042 | ng/ul# | 70       |

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Reviewed By :Jagrut Upadhyay 04/14/2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.428 | 142  | 402147   | 19.321 | ng/ul  | 93       |
| 37) 1-Methylnaphthalene       | 12.645 | 142  | 400414   | 19.053 | ng/ul# | 93       |
| 39) 1,2,4,5-Tetrachloroben... | 12.793 | 216  | 236215   | 19.297 | ng/ul  | 94       |
| 40) Hexachlorocyclopentadiene | 12.781 | 237  | 140412   | 16.529 | ng/ul  | 94       |
| 41) 2,4,6-Trichlorophenol     | 13.028 | 196  | 150759   | 19.285 | ng/ul# | 82       |
| 42) 2,4,5-Trichlorophenol     | 13.098 | 196  | 167510   | 19.828 | ng/ul# | 87       |
| 43) 1,1'-Biphenyl             | 13.428 | 154  | 556608   | 19.066 | ng/ul  | 93       |
| 44) 2-Chloronaphthalene       | 13.469 | 162  | 431405   | 19.225 | ng/ul  | 95       |
| 45) 2-Nitroaniline            | 13.663 | 65   | 141071   | 21.452 | ng/ul# | 80       |
| 47) Dimethylphthalate         | 14.045 | 163  | 572428   | 18.924 | ng/ul# | 92       |
| 48) 2,6-Dinitrotoluene        | 14.163 | 165  | 116651   | 20.965 | ng/ul  | 91       |
| 50) Acenaphthylene            | 14.316 | 152  | 704133   | 19.163 | ng/ul  | 95       |
| 51) 3-Nitroaniline            | 14.487 | 138  | 121294   | 20.969 | ng/ul# | 80       |
| 52) Acenaphthene              | 14.657 | 153  | 454356   | 18.885 | ng/ul  | 96       |
| 53) 2,4-Dinitrophenol         | 14.687 | 184  | 57029    | 16.957 | ng/ul# | 78       |
| 55) 4-Nitrophenol             | 14.787 | 109  | 98228    | 18.722 | ng/ul# | 47       |
| 56) Dibenzofuran              | 14.992 | 168  | 674790   | 19.057 | ng/ul  | 97       |
| 57) 2,4-Dinitrotoluene        | 14.945 | 165  | 169862   | 20.791 | ng/ul# | 77       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.216 | 232  | 147957   | 19.208 | ng/ul# | 86       |
| 59) Diethylphthalate          | 15.416 | 149  | 580337   | 18.538 | ng/ul  | 93       |
| 61) Fluorene                  | 15.639 | 166  | 555657   | 19.052 | ng/ul  | 91       |
| 62) 4-Chlorophenyl-phenyle... | 15.639 | 204  | 291292   | 18.784 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.651 | 138  | 126443   | 21.825 | ng/ul# | 79       |
| 66) 4,6-Dinitro-2-methylph... | 15.710 | 198  | 95618    | 18.406 | ng/ul# | 88       |
| 67) N-Nitrosodiphenylamine    | 15.845 | 169  | 480411   | 19.023 | ng/ul  | 93       |
| 68) 4-Bromophenyl-phenylether | 16.533 | 248  | 179240   | 18.769 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.651 | 284  | 205021   | 18.670 | ng/ul# | 91       |
| 70) Atrazine                  | 16.798 | 200  | 191443   | 18.365 | ng/ul# | 88       |
| 71) Pentachlorophenol         | 16.992 | 266  | 129774   | 17.460 | ng/ul# | 84       |
| 72) Phenanthrene              | 17.386 | 178  | 911124   | 19.348 | ng/ul  | 99       |
| 74) Anthracene                | 17.480 | 178  | 916963   | 19.206 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.398 | 216  | 250304   | 19.624 | ng/uL  | 88       |
| 76) Pentachlorobenzene        | 14.916 | 250  | 241654   | 19.437 | ng/uL  | 91       |
| 77) Carbazole                 | 17.745 | 167  | 814695   | 18.882 | ng/ul# | 95       |
| 78) Di-n-butylphthalate       | 18.298 | 149  | 989157   | 18.643 | ng/ul# | 93       |
| 80) Fluoranthene              | 19.345 | 202  | 1109742  | 18.738 | ng/ul# | 95       |
| 82) Pyrene                    | 19.698 | 202  | 1154177  | 19.221 | ng/ul# | 94       |
| 83) Butylbenzylphthalate      | 20.569 | 149  | 456331   | 18.525 | ng/ul# | 81       |
| 84) 3,3'-Dichlorobenzidine    | 21.333 | 252  | 396967   | 19.773 | ng/ul# | 95       |
| 85) Benzo(a)anthracene        | 21.410 | 228  | 1152261  | 19.292 | ng/ul  | 95       |
| 86) Bis(2-ethylhexyl)phtha... | 21.339 | 149  | 683834   | 18.456 | ng/ul# | 81       |
| 87) Chrysene                  | 21.463 | 228  | 1110881  | 19.278 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.286 | 149  | 1164303  | 18.455 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.133 | 252  | 1164944  | 19.473 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.186 | 252  | 1044878  | 19.140 | ng/ul# | 97       |
| 93) Benzo(a)pyrene            | 23.780 | 252  | 1074385  | 19.374 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.462 | 276  | 1109615  | 19.135 | ng/ul# | 96       |
| 95) Dibenzo(a,h)anthracene    | 26.486 | 278  | 954525   | 18.983 | ng/ul# | 96       |
| 96) Benzo(g,h,i)perylene      | 27.256 | 276  | 903171   | 18.889 | ng/ul  | 92       |

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

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BNA\_P  
**LabSampleId :**  
SSTDCCC020EC

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Reviewed By :Jagrut Upadhyay 04/14/2022  
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