

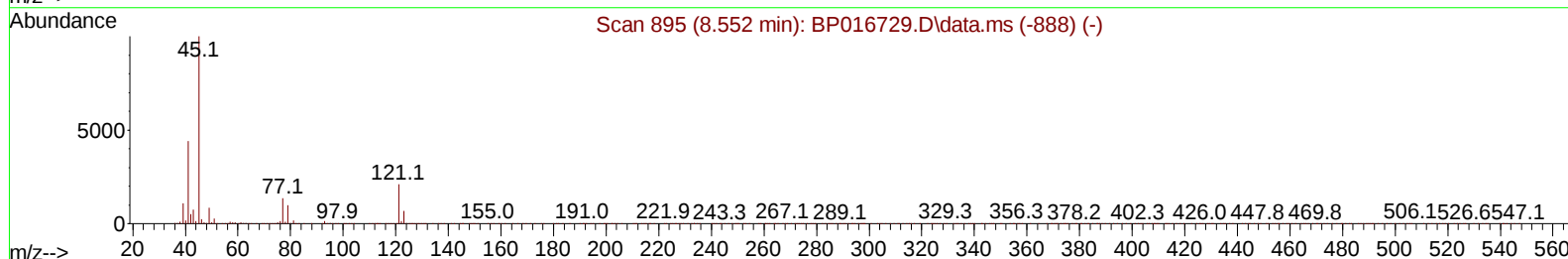
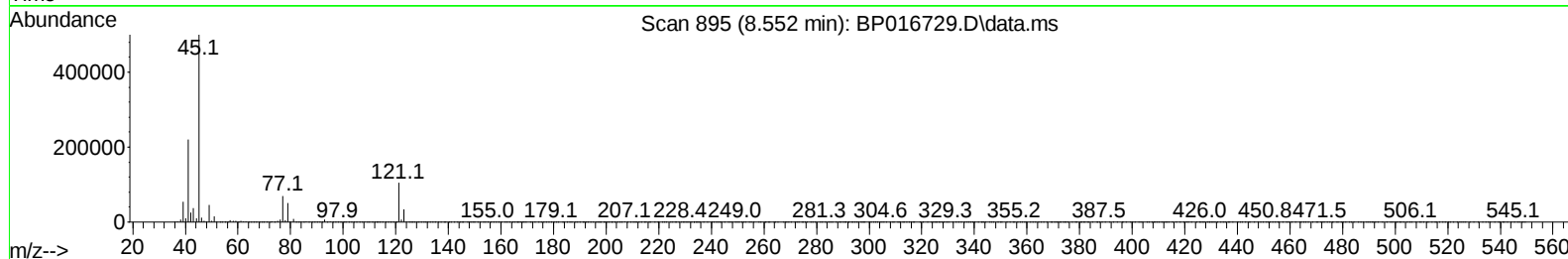
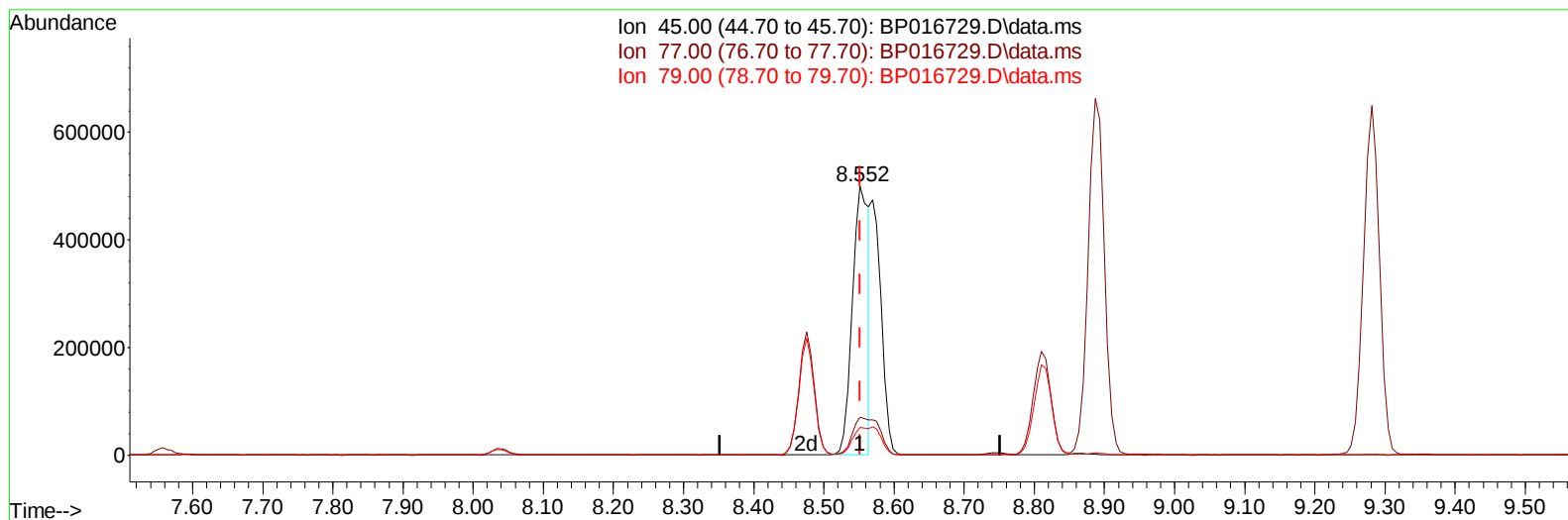
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082423\  
 Data File : BP016729.D  
 Acq On : 24 Aug 2023 15:39  
 Operator : MA/JU  
 Sample : SSTD02033  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020633

Manual IntegrationsAPPROVED

Quant Time: Aug 25 00:54:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 25 00:53:07 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/25/2023  
 Supervised By :mohammad ahmed 08/25/2023



TIC: BP016729.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.552min ( 0.000) 13.35 ng/u1

response 803909

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 13.90  | 13.94  |
| 79.00 | 10.30  | 10.31  |
| 0.00  | 0.00   | 0.00   |

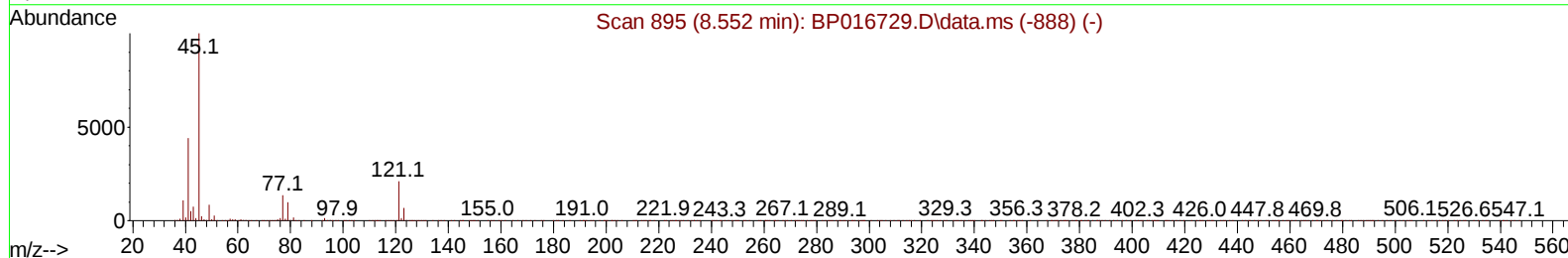
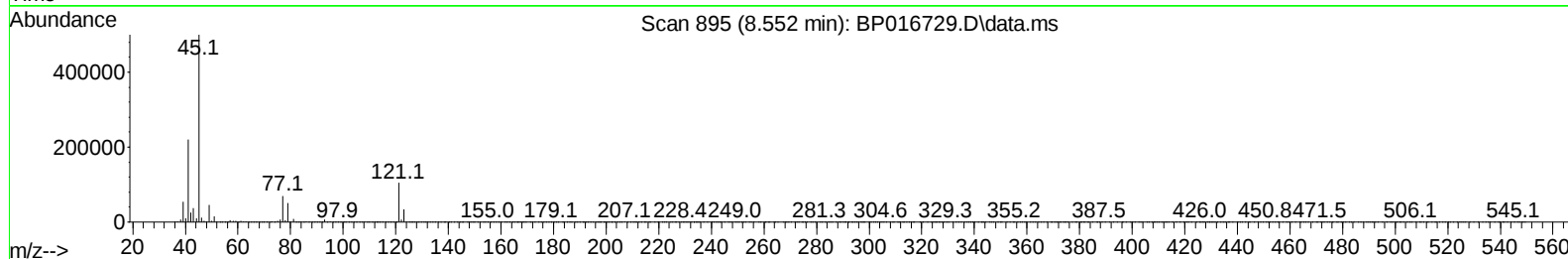
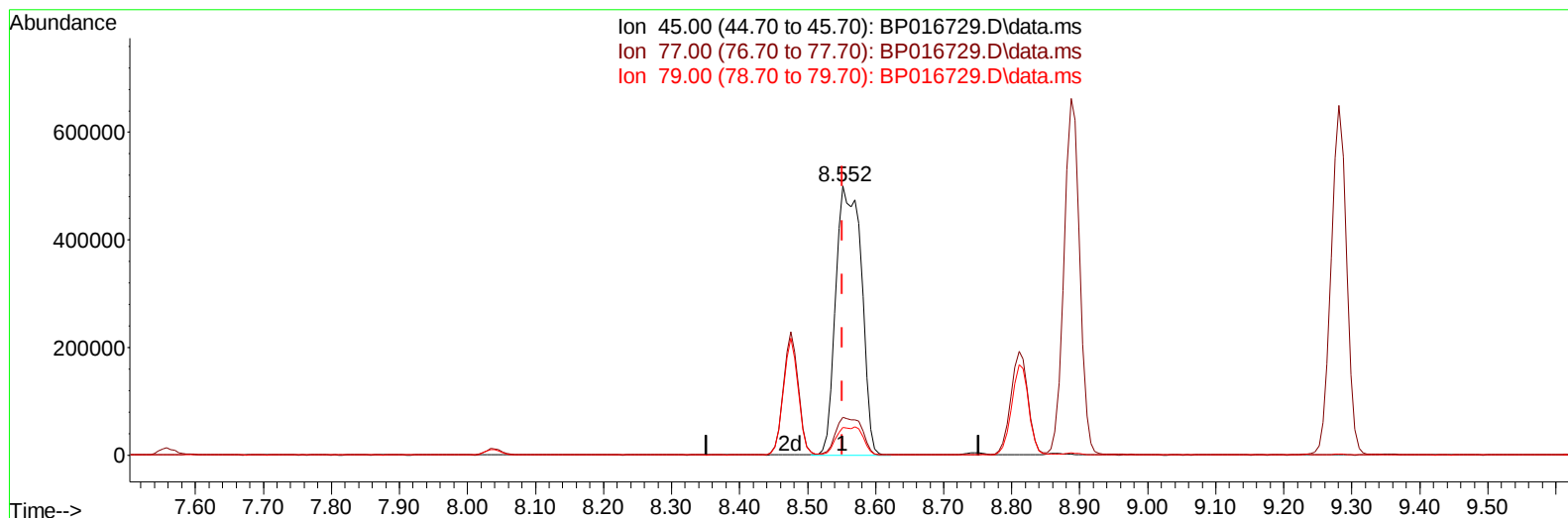
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082423\  
 Data File : BP016729.D  
 Acq On : 24 Aug 2023 15:39  
 Operator : MA/JU  
 Sample : SSTD02033  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020633

Manual IntegrationsAPPROVED

Quant Time: Aug 25 00:54:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 25 00:53:07 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/25/2023  
 Supervised By :mohammad ahmed 08/25/2023



TIC: BP016729.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.552min ( 0.000) 21.62 ng/ul m

response 1301498

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 13.90  | 13.94  |
| 79.00 | 10.30  | 10.31  |
| 0.00  | 0.00   | 0.00   |

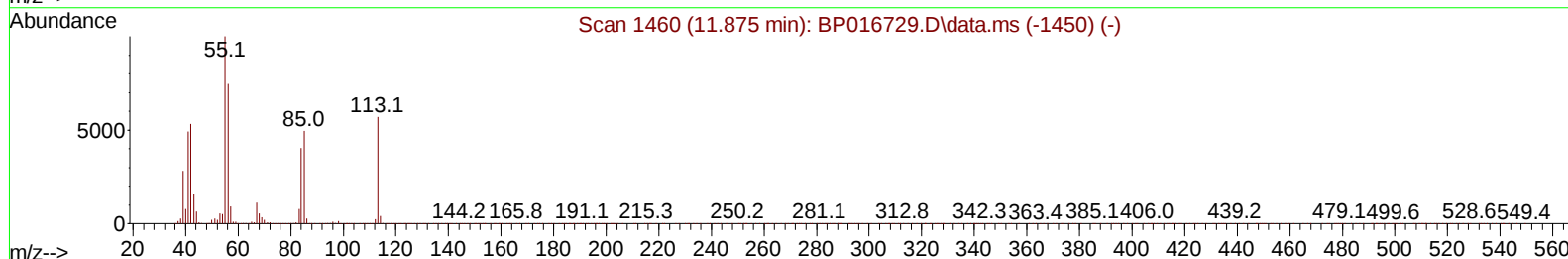
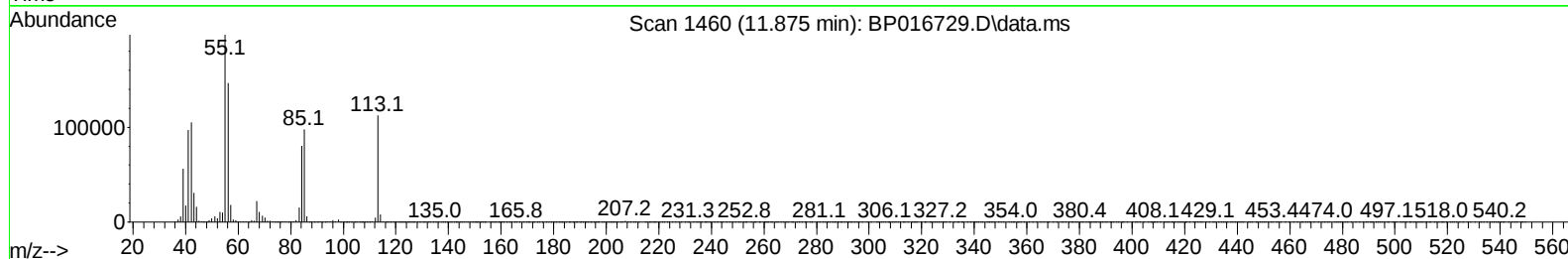
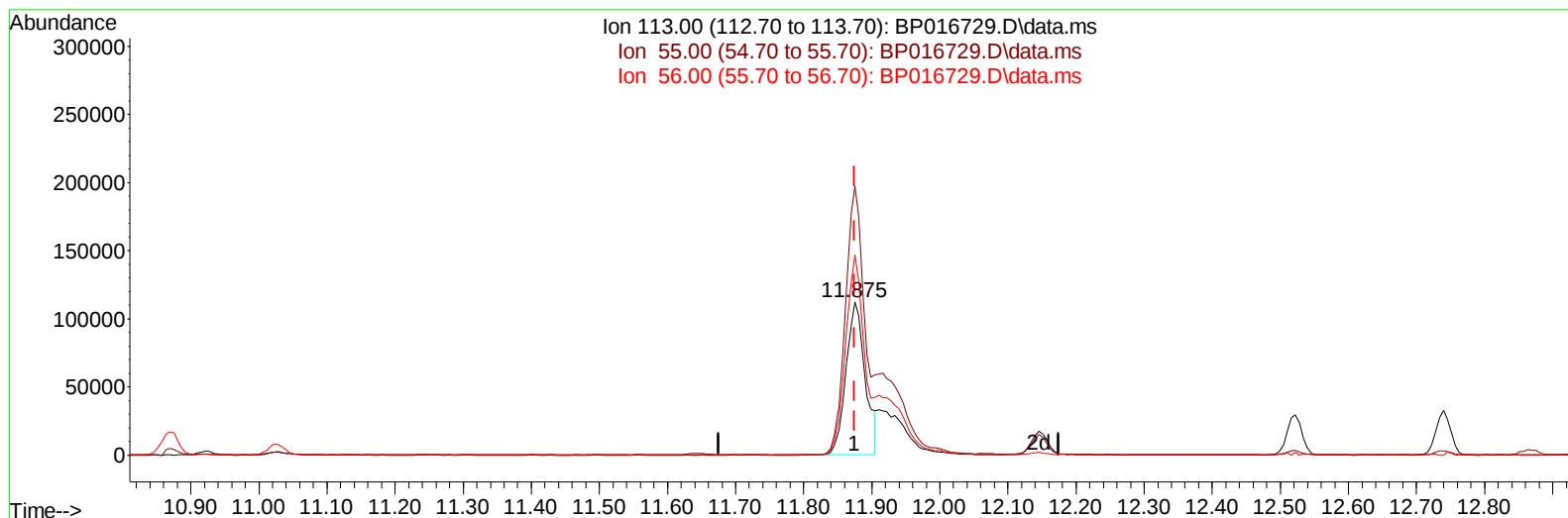
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082423\  
 Data File : BP016729.D  
 Acq On : 24 Aug 2023 15:39  
 Operator : MA/JU  
 Sample : SSTD02033  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD020633

Manual IntegrationsAPPROVED

Quant Time: Aug 25 01:02:59 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 25 00:53:07 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/25/2023  
 Supervised By :mohammad ahmed 08/25/2023



TIC: BP016729.D\data.ms

**(34) Caprolactam**

**11.875min ( 0.000) 15.91 ng/ul**

**response 219868**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 175.70 | 175.70 |
| 56.00  | 130.60 | 130.65 |
| 0.00   | 0.00   | 0.00   |

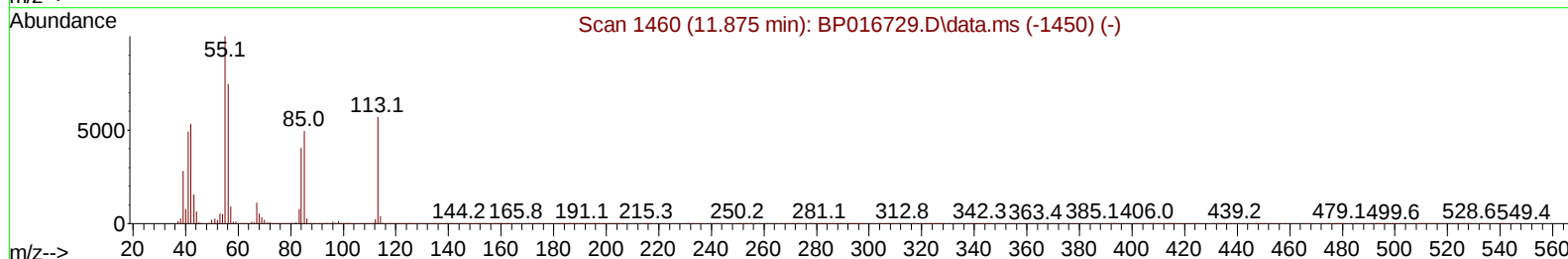
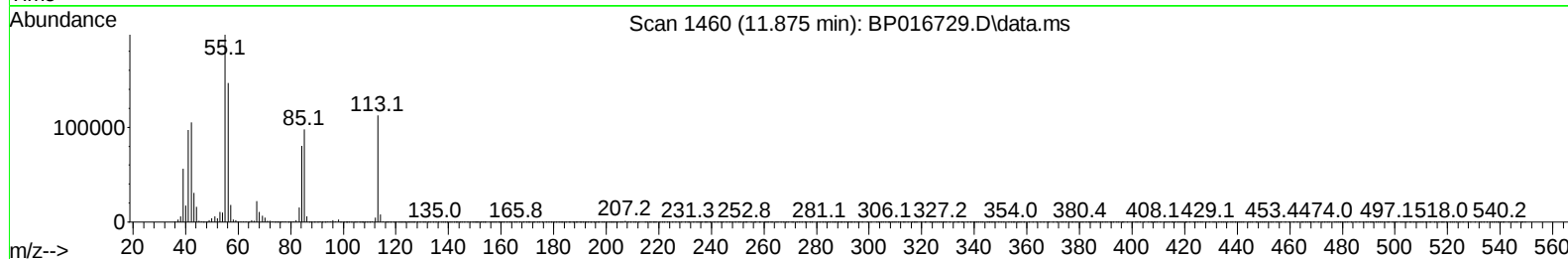
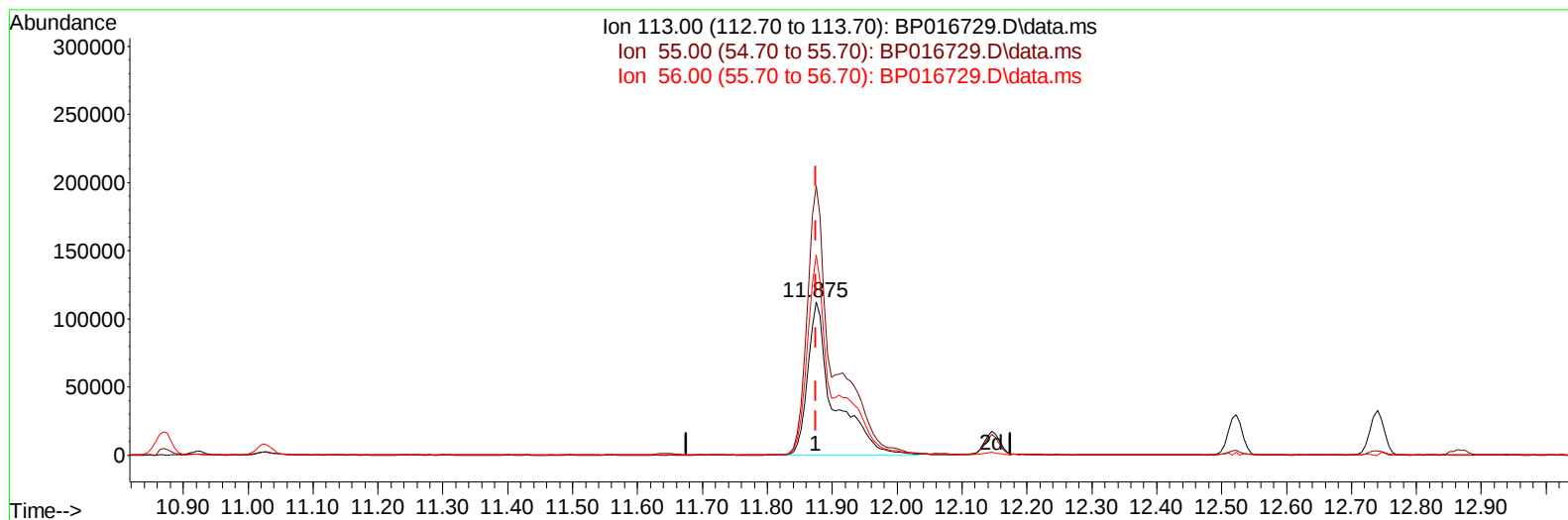
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082423\  
 Data File : BP016729.D  
 Acq On : 24 Aug 2023 15:39  
 Operator : MA/JU  
 Sample : SST02033  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST020633

Manual IntegrationsAPPROVED

Quant Time: Aug 25 01:02:59 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 25 00:53:07 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/25/2023  
 Supervised By :mohammad ahmed 08/25/2023



TIC: BP016729.D\data.ms

**(34) Caprolactam**

11.875min ( 0.000) 22.87 ng/ul m

response 315905

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 175.70 | 175.70 |
| 56.00  | 130.60 | 130.65 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082423\  
 Data File : BP016729.D  
 Acq On : 24 Aug 2023 15:39  
 Operator : MA/JU  
 Sample : SST002033  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST0020633

Manual IntegrationsAPPROVED

Quant Time: Aug 25 01:04:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 25 00:53:07 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/25/2023  
 Supervised By :mohammad ahmed 08/25/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.040  | 152  | 549450   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.869 | 136  | 2488855  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.693 | 164  | 1630814  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.457 | 188  | 3745333  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.557 | 240  | 3480112  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.133 | 264  | 3321888  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.387  | 96   | 106102   | 7.981  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.823  | 84   | 817437   | 20.121 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.181  | 99   | 1022523  | 20.929 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.375  | 67   | 666467   | 21.403 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.558  | 132  | 793046   | 21.589 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.746  | 113  | 856232   | 21.468 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.240  | 128  | 407630   | 21.662 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.952  | 143  | 440702   | 22.218 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.475 | 165  | 816702   | 22.085 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.028 | 131  | 1188453  | 20.957 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.104 | 166  | 2670986  | 21.718 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.393 | 160  | 2961099  | 21.298 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.898 | 143  | 544383   | 21.415 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.687 | 176  | 2218909  | 21.425 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.810 | 200  | 452427   | 20.284 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.563 | 188  | 3535459  | 21.296 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.792 | 212  | 4137462  | 21.647 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.963 | 264  | 3578549  | 21.506 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.423  | 88   | 112354   | 7.761  | ng/uL  | 100      |
| 5) Pyridine                   | 3.840  | 79   | 848538   | 20.276 | ng/ul  | 100      |
| 6) Benzaldehyde               | 7.193  | 77   | 685605   | 25.660 | ng/ul  | 100      |
| 8) Phenol                     | 7.211  | 94   | 1076506  | 21.054 | ng/ul  | 100      |
| 10) Bis(2-Chloroethyl)ether   | 7.469  | 93   | 877942   | 21.272 | ng/ul  | 100      |
| 12) 2-Chlorophenol            | 7.593  | 128  | 804643   | 21.430 | ng/ul  | 100      |
| 13) 2-Methylphenol            | 8.475  | 108  | 816322   | 21.284 | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.552  | 45   | 1301498m | 21.616 | ng/ul  |          |
| 16) Acetophenone              | 8.887  | 105  | 1342151  | 21.702 | ng/ul  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.863  | 70   | 722613   | 22.172 | ng/ul  | 100      |
| 18) 4-Methylphenol            | 8.811  | 108  | 902319   | 21.604 | ng/ul  | 100      |
| 19) Hexachloroethane          | 9.111  | 117  | 330040   | 21.125 | ng/ul  | 100      |
| 22) Nitrobenzene              | 9.281  | 77   | 1033961  | 21.417 | ng/ul  | 100      |
| 23) Isophorone                | 9.799  | 82   | 2072728  | 22.106 | ng/ul  | 100      |
| 25) 2-Nitrophenol             | 9.987  | 139  | 480867   | 21.924 | ng/ul  | 100      |
| 26) 2,4-Dimethylphenol        | 10.022 | 107  | 957330   | 21.717 | ng/ul  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.281 | 93   | 1233302  | 21.320 | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.505 | 162  | 815582   | 21.956 | ng/ul  | 100      |
| 30) Naphthalene               | 10.922 | 128  | 2714469  | 21.054 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 11.052 | 127  | 1169821  | 20.991 | ng/ul  | 100      |
| 33) Hexachlorobutadiene       | 11.152 | 225  | 471384   | 20.601 | ng/ul  | 100      |
| 34) Caprolactam               | 11.875 | 113  | 315905m  | 22.866 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.146 | 107  | 956468   | 22.962 | ng/ul  | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082423\  
 Data File : BP016729.D  
 Acq On : 24 Aug 2023 15:39  
 Operator : MA/JU  
 Sample : SST002033  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SST0020633

Manual IntegrationsAPPROVED

Quant Time: Aug 25 01:04:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 25 00:53:07 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/25/2023  
 Supervised By :mohammad ahmed 08/25/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.522 | 142  | 1897095  | 21.318 | ng/ul | 100      |
| 37) 1-Methylnaphthalene       | 12.740 | 142  | 1922713  | 21.426 | ng/ul | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.869 | 216  | 945706   | 20.346 | ng/ul | 100      |
| 40) Hexachlorocyclopentadiene | 12.822 | 237  | 661525   | 19.353 | ng/ul | 100      |
| 41) 2,4,6-Trichlorophenol     | 13.122 | 196  | 678314   | 21.854 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 13.187 | 196  | 743266   | 22.129 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.528 | 154  | 2533582  | 20.895 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.575 | 162  | 1980192  | 20.688 | ng/ul | 100      |
| 45) 2-Nitroaniline            | 13.804 | 65   | 659755   | 22.728 | ng/ul | 100      |
| 47) Dimethylphthalate         | 14.151 | 163  | 2706336  | 21.728 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.293 | 165  | 557197   | 22.834 | ng/ul | 100      |
| 50) Acenaphthylene            | 14.422 | 152  | 3338423  | 20.979 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.634 | 138  | 572876   | 22.542 | ng/ul | 100      |
| 52) Acenaphthene              | 14.757 | 153  | 2206740  | 20.962 | ng/ul | 100      |
| 53) 2,4-Dinitrophenol         | 14.828 | 184  | 278797   | 15.720 | ng/ul | 100      |
| 55) 4-Nitrophenol             | 14.916 | 109  | 417722   | 21.759 | ng/ul | 100      |
| 56) Dibenzofuran              | 15.093 | 168  | 3054074  | 21.143 | ng/ul | 100      |
| 57) 2,4-Dinitrotoluene        | 15.075 | 165  | 819021   | 22.799 | ng/ul | 100      |
| 58) 2,3,4,6-Tetrachlorophenol | 15.304 | 232  | 630456   | 22.049 | ng/ul | 100      |
| 59) Diethylphthalate          | 15.504 | 149  | 2777901  | 21.954 | ng/ul | 100      |
| 61) Fluorene                  | 15.745 | 166  | 2588762  | 21.426 | ng/ul | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.734 | 204  | 1265958  | 21.341 | ng/ul | 100      |
| 63) 4-Nitroaniline            | 15.804 | 138  | 579116   | 23.947 | ng/ul | 100      |
| 66) 4,6-Dinitro-2-methylph... | 15.828 | 198  | 486603   | 20.235 | ng/ul | 100      |
| 67) N-Nitrosodiphenylamine    | 15.957 | 169  | 2208830  | 21.323 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.640 | 248  | 753737   | 20.991 | ng/ul | 100      |
| 69) Hexachlorobenzene         | 16.722 | 284  | 828597   | 20.609 | ng/ul | 100      |
| 70) Atrazine                  | 16.910 | 200  | 778553   | 19.935 | ng/ul | 100      |
| 71) Pentachlorophenol         | 17.081 | 266  | 762768   | 25.558 | ng/ul | 100      |
| 72) Phenanthrene              | 17.504 | 178  | 4162298  | 21.110 | ng/ul | 100      |
| 74) Anthracene                | 17.598 | 178  | 4196726  | 21.050 | ng/ul | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.481 | 216  | 1013317  | 20.206 | ng/uL | 100      |
| 76) Pentachlorobenzene        | 14.987 | 250  | 921757   | 20.567 | ng/uL | 100      |
| 77) Carbazole                 | 17.875 | 167  | 3908265  | 21.766 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.386 | 149  | 4987449  | 22.264 | ng/ul | 100      |
| 80) Fluoranthene              | 19.463 | 202  | 4971664  | 21.653 | ng/ul | 100      |
| 82) Pyrene                    | 19.822 | 202  | 5084651  | 21.439 | ng/ul | 100      |
| 83) Butylbenzylphthalate      | 20.675 | 149  | 2318091  | 22.663 | ng/ul | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.475 | 252  | 1539052  | 20.690 | ng/ul | 100      |
| 85) Benzo(a)anthracene        | 21.539 | 228  | 5112397  | 21.327 | ng/ul | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.410 | 149  | 3381742  | 22.643 | ng/ul | 100      |
| 87) Chrysene                  | 21.598 | 228  | 4624443  | 21.238 | ng/ul | 100      |
| 89) Di-n-octyl phthalate      | 22.398 | 149  | 5593123  | 22.356 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.327 | 252  | 4672377  | 22.026 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 23.380 | 252  | 4457536  | 21.248 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 24.016 | 252  | 4064949  | 21.186 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 26.874 | 276  | 4038903  | 20.600 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 26.898 | 278  | 3348712  | 20.563 | ng/ul | 100      |
| 96) Benzo(g,h,i)perylene      | 27.727 | 276  | 3023054  | 20.337 | ng/ul | 100      |

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

**Instrument :**

BNA\_P

**ClientSampleId :**

SSTD020633

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023

