

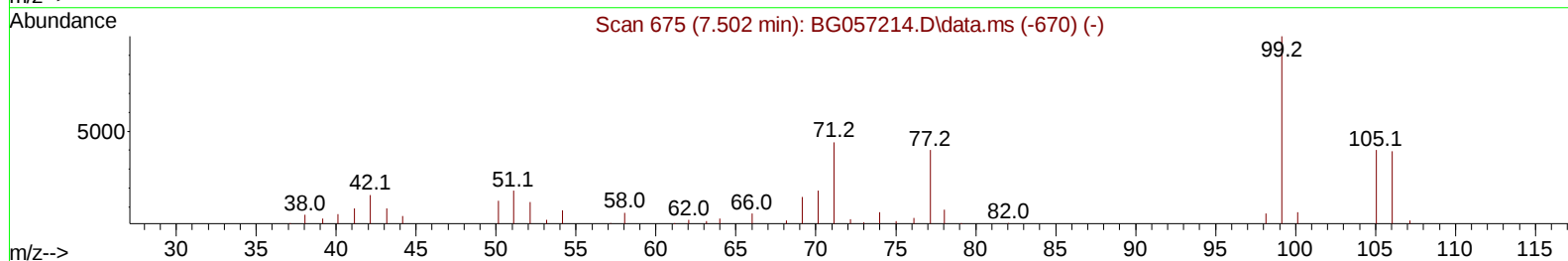
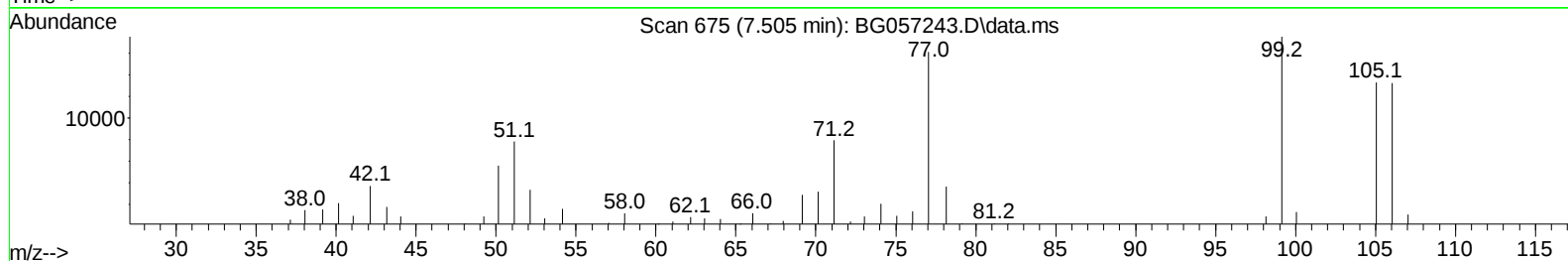
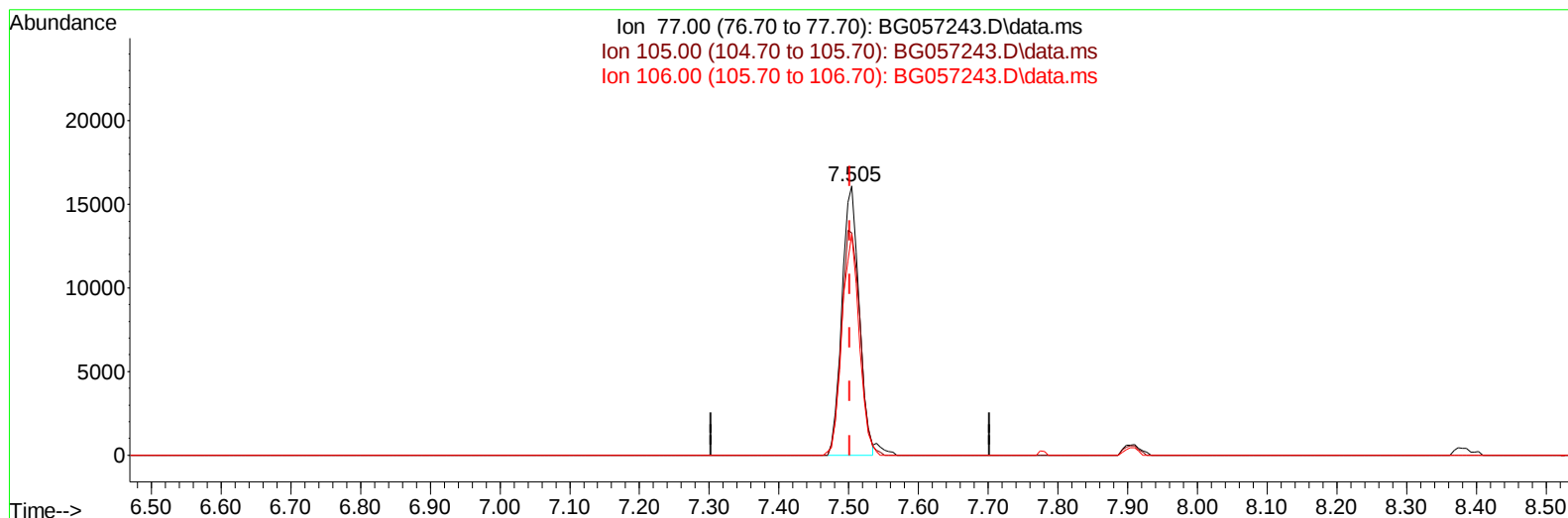
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
Data File : BG057243.D  
Acq On : 29 Apr 2023 9:17  
Operator : CG/JU  
Sample : PB152400BS  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS400

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023  
Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:30:11 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Apr 28 23:37:02 2023  
Response via : Initial Calibration



TIC: BG057243.D\data.ms

## (6) Benzaldehyde

7.505min (+ 0.002) 58.82 ng/u1

response 27375

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 99.70  | 82.59  |
| 106.00 | 98.40  | 82.25  |
| 0.00   | 0.00   | 0.00   |

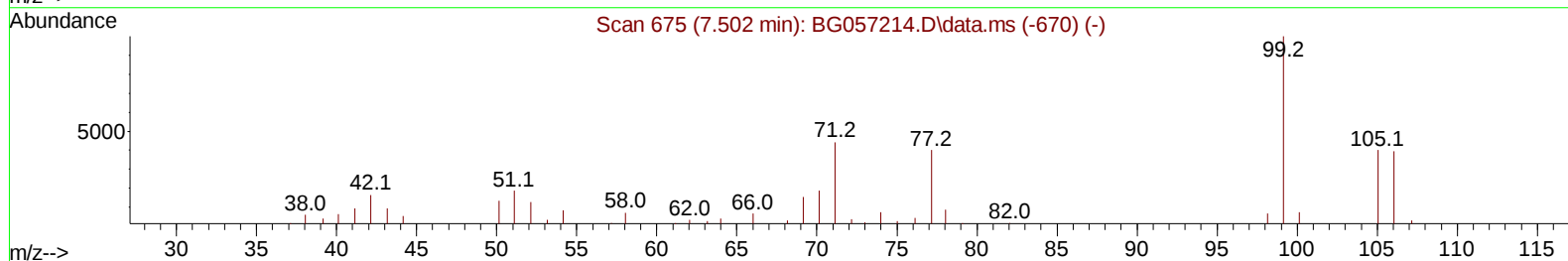
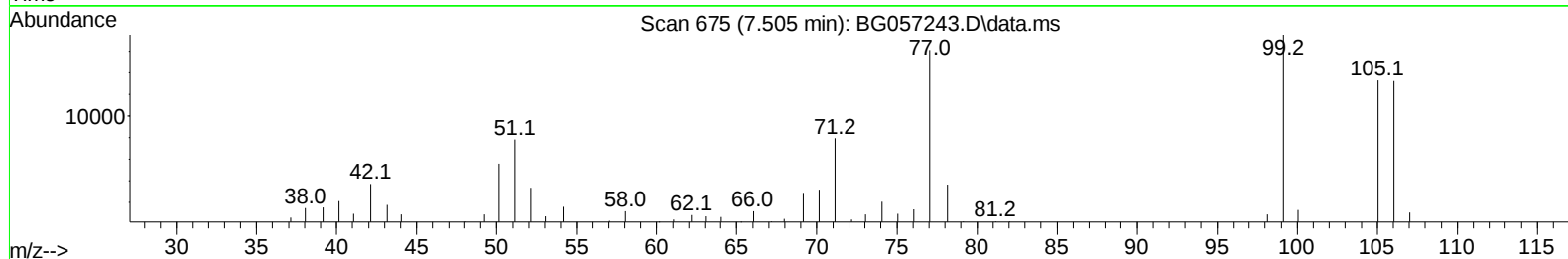
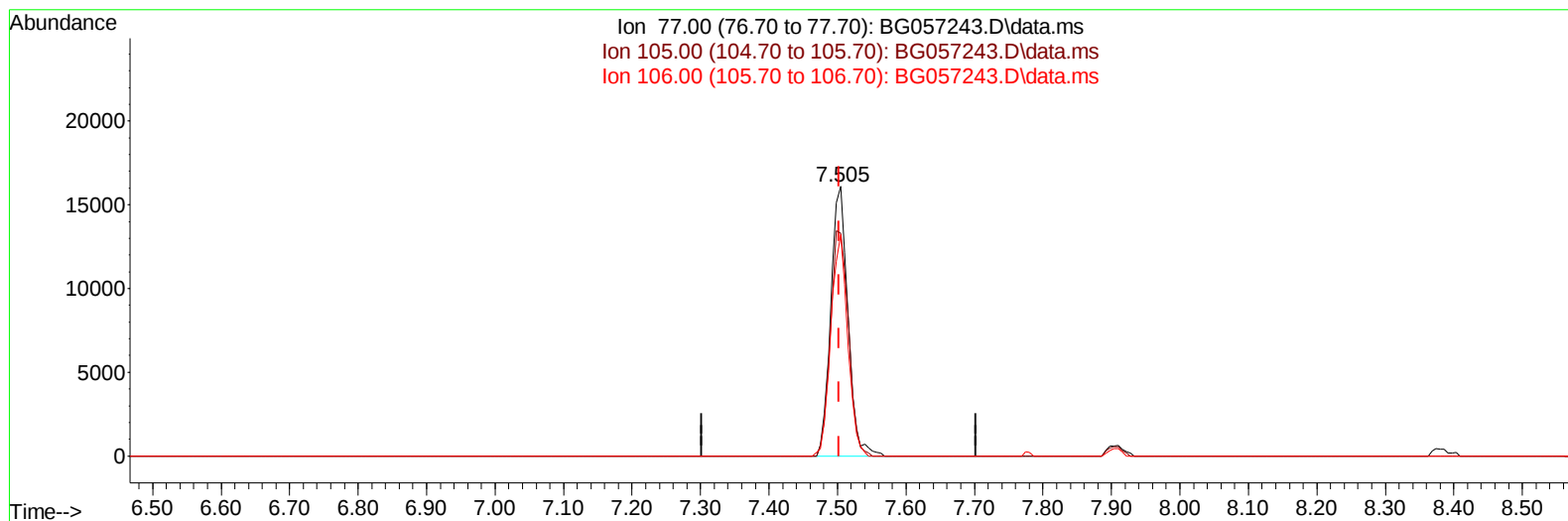
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
 Data File : BG057243.D  
 Acq On : 29 Apr 2023 9:17  
 Operator : CG/JU  
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Manual IntegrationsAPPROVED

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Reviewed By :Christian Giraldo 05/01/2023  
 Supervised By :Jagrut Upadhyay 05/01/2023



TIC: BG057243.D\data.ms

**(6) Benzaldehyde**

7.505min (+ 0.002) 60.22 ng/ul m

response 28023

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 99.70  | 82.59  |
| 106.00 | 98.40  | 82.25  |
| 0.00   | 0.00   | 0.00   |

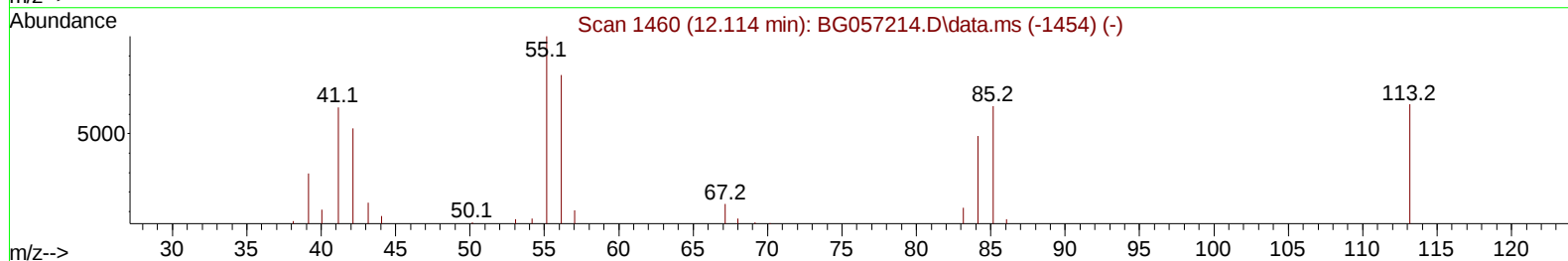
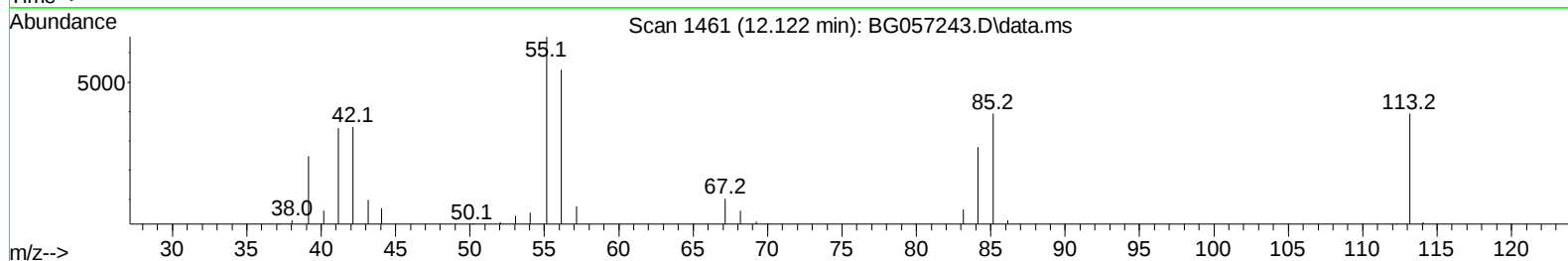
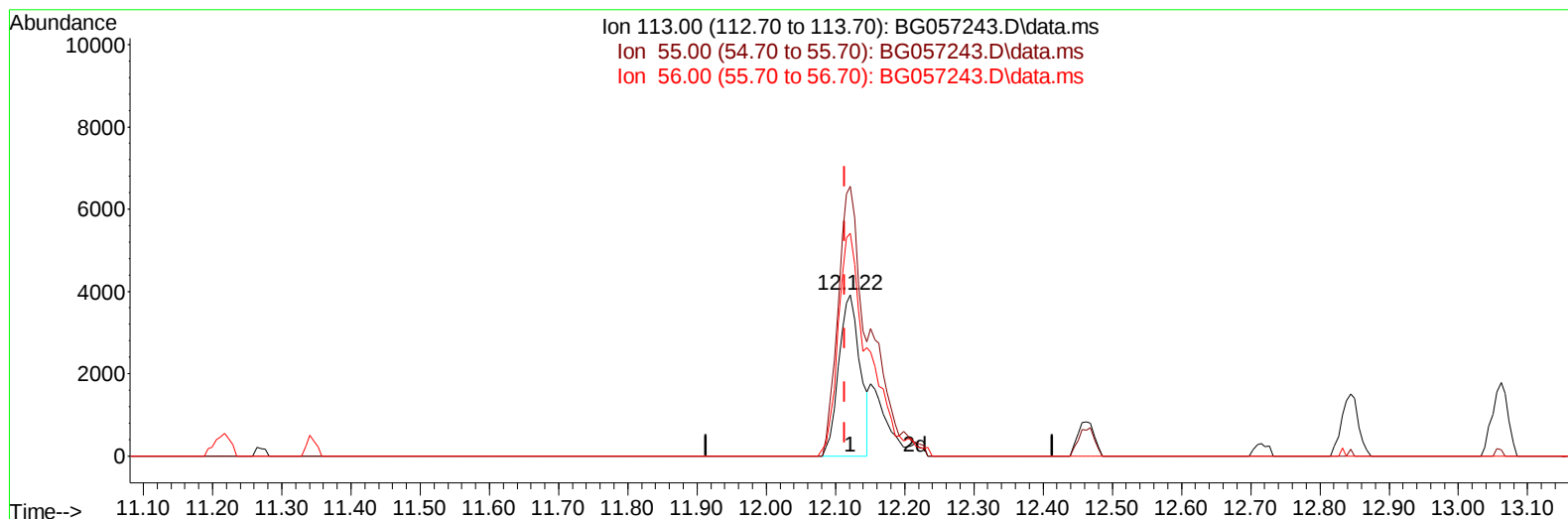
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
 Data File : BG057243.D  
 Acq On : 29 Apr 2023 9:17  
 Operator : CG/JU  
 Sample : PB152400BS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 SLCS400

Manual IntegrationsAPPROVED

Quant Time: May 01 00:30:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 28 23:37:02 2023  
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Reviewed By :Christian Giraldo 05/01/2023  
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TIC: BG057243.D\data.ms

**(34) Caprolactam**

**12.122min (+ 0.008) 21.32 ng/ul**

**response 8371**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 153.90 | 167.20 |
| 56.00  | 123.40 | 138.21 |
| 0.00   | 0.00   | 0.00   |

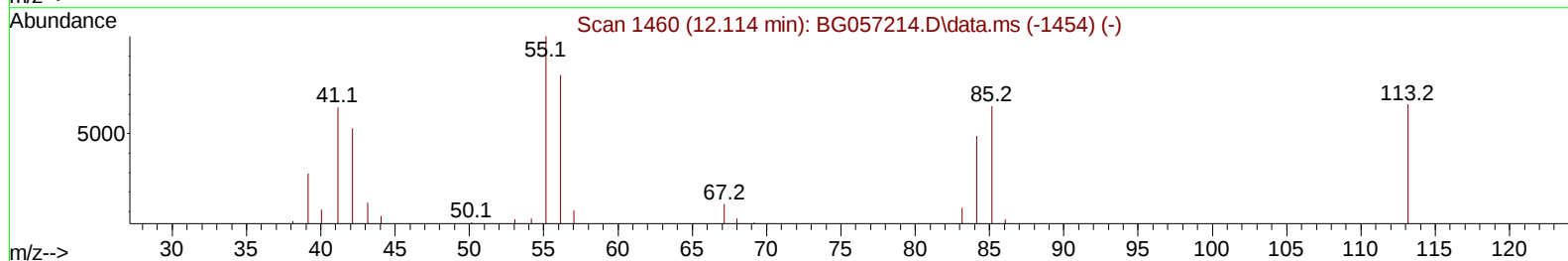
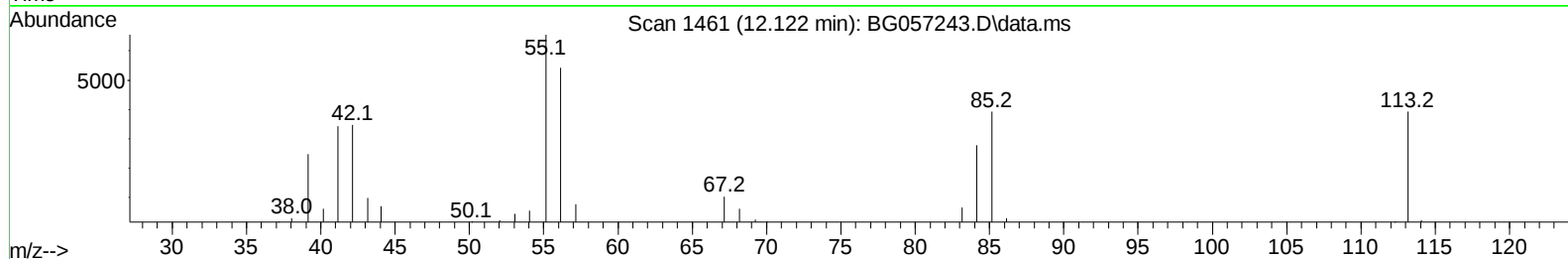
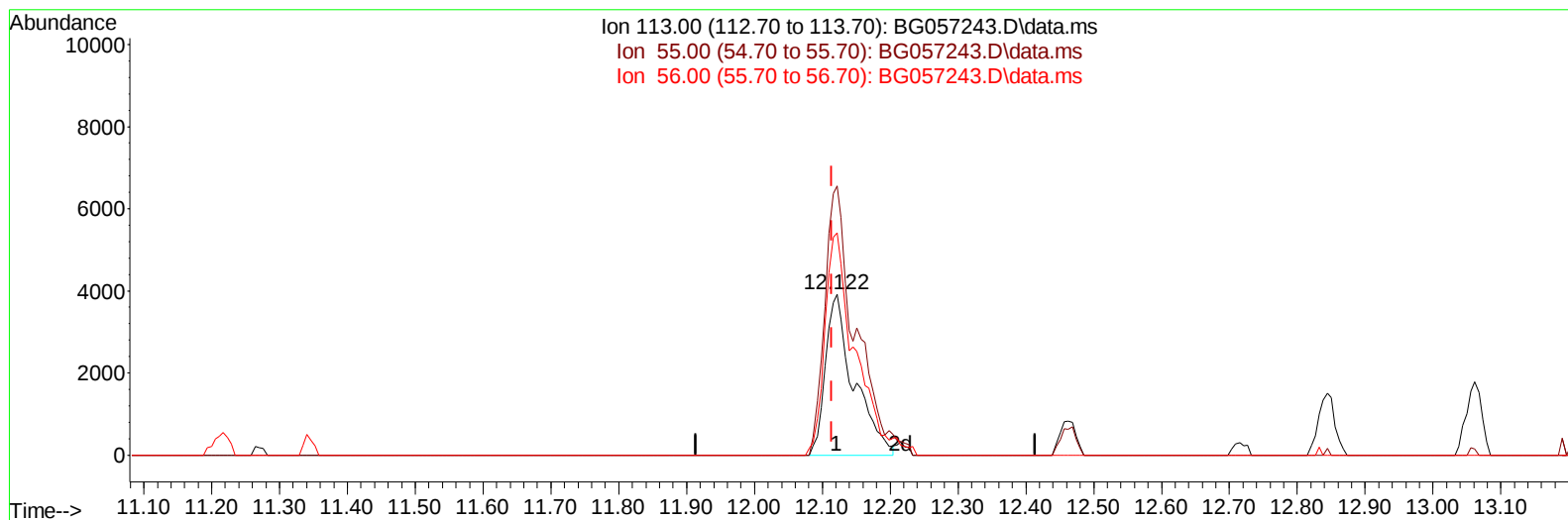
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
 Data File : BG057243.D  
 Acq On : 29 Apr 2023 9:17  
 Operator : CG/JU  
 Sample : PB152400BS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS400

Manual IntegrationsAPPROVED

Quant Time: May 01 00:53:34 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 28 23:37:02 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/01/2023  
 Supervised By :Jagrut Upadhyay 05/01/2023



TIC: BG057243.D\data.ms

(34) Caprolactam

12.122min (+ 0.008) 28.91 ng/ul m

response 11351

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 153.90 | 167.20 |
| 56.00  | 123.40 | 138.21 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
 Data File : BG057243.D  
 Acq On : 29 Apr 2023 9:17  
 Operator : CG/JU  
 Sample : PB152400BS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS400

Manual IntegrationsAPPROVED

Quant Time: May 01 00:54:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 28 23:37:02 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 05/01/2023  
 Supervised By :Jagrut Upadhyay 05/01/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.380  | 152  | 16112    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.217 | 136  | 68536    | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.988 | 164  | 53056    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.726 | 188  | 126810   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 22.038 | 240  | 109006   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 25.551 | 264  | 115933   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.657  | 96   | 1541     | 4.209  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.097  | 84   | 27374    | 23.715 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.516  | 99   | 46582    | 30.571 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.681  | 67   | 26303    | 29.349 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.904  | 132  | 32979    | 32.844 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.079  | 113  | 37108    | 32.042 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.555  | 128  | 17861    | 32.725 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.283 | 143  | 22161    | 34.791 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.829 | 165  | 41817    | 34.028 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.340 | 131  | 44753    | 27.477 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.378 | 166  | 134797   | 32.064 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.689 | 160  | 155138   | 32.834 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.171 | 143  | 19275    | 31.498 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.975 | 176  | 124408   | 31.766 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.093 | 200  | 26573    | 35.368 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.826 | 188  | 186842   | 32.279 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.093 | 212  | 217577   | 33.627 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.304 | 264  | 201482   | 34.112 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.698  | 88   | 3654     | 9.411  | ng/uL  | 97       |
| 5) Pyridine                   | 4.115  | 79   | 28308    | 23.264 | ng/ul  | 94       |
| 6) Benzaldehyde               | 7.505  | 77   | 28023m   | 60.215 | ng/ul  |          |
| 8) Phenol                     | 7.540  | 94   | 45741    | 29.784 | ng/ul  | 93       |
| 10) Bis(2-Chloroethyl)ether   | 7.775  | 93   | 32937    | 28.656 | ng/ul  | 96       |
| 12) 2-Chlorophenol            | 7.939  | 128  | 32664    | 30.970 | ng/ul  | 96       |
| 13) 2-Methylphenol            | 8.814  | 108  | 34698    | 29.153 | ng/ul  | 91       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.897  | 45   | 40609    | 27.403 | ng/ul# | 95       |
| 16) Acetophenone              | 9.208  | 105  | 58218    | 29.215 | ng/ul  | 97       |
| 17) N-Nitroso-di-n-propyla... | 9.179  | 70   | 33051    | 28.861 | ng/ul  | 97       |
| 18) 4-Methylphenol            | 9.143  | 108  | 37742    | 29.296 | ng/ul  | 92       |
| 19) Hexachloroethane          | 9.478  | 117  | 13751    | 31.162 | ng/ul  | 93       |
| 22) Nitrobenzene              | 9.596  | 77   | 50628    | 31.151 | ng/ul  | 97       |
| 23) Isophorone                | 10.119 | 82   | 91306    | 29.528 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 10.312 | 139  | 21269    | 32.967 | ng/ul  | 99       |
| 26) 2,4-Dimethylphenol        | 10.359 | 107  | 40364    | 27.579 | ng/ul  | 95       |
| 27) Bis(2-Chloroethoxy)met... | 10.594 | 93   | 47343    | 29.453 | ng/ul  | 98       |
| 29) 2,4-Dichlorophenol        | 10.859 | 162  | 38299    | 32.834 | ng/ul  | 97       |
| 30) Naphthalene               | 11.270 | 128  | 114397   | 30.400 | ng/ul  | 98       |
| 32) 4-Chloroaniline           | 11.364 | 127  | 41128    | 24.234 | ng/ul  | 96       |
| 33) Hexachlorobutadiene       | 11.540 | 225  | 32684    | 33.036 | ng/ul  | 93       |
| 34) Caprolactam               | 12.122 | 113  | 11351m   | 28.906 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.462 | 107  | 41880    | 31.205 | ng/ul  | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042823\  
 Data File : BG057243.D  
 Acq On : 29 Apr 2023 9:17  
 Operator : CG/JU  
 Sample : PB152400BS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SLCS400

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/01/2023  
 Supervised By :Jagrut Upadhyay 05/01/2023

Quant Time: May 01 00:54:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG042823.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 28 23:37:02 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.844 | 142  | 85413    | 30.951 | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 13.062 | 142  | 84710    | 30.528 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 13.203 | 216  | 61767    | 32.036 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 13.179 | 237  | 22201    | 23.074 | ng/ul  | 93       |
| 41) 2,4,6-Trichlorophenol     | 13.438 | 196  | 36424    | 32.437 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 13.514 | 196  | 39894    | 33.090 | ng/ul  | 95       |
| 43) 1,1'-Biphenyl             | 13.825 | 154  | 122203   | 30.186 | ng/ul  | 98       |
| 44) 2-Chloronaphthalene       | 13.878 | 162  | 97712    | 31.128 | ng/ul  | 98       |
| 45) 2-Nitroaniline            | 14.072 | 65   | 30280    | 31.954 | ng/ul  | 98       |
| 47) Dimethylphthalate         | 14.425 | 163  | 124874   | 29.579 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.554 | 165  | 26940    | 31.008 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.718 | 152  | 141974   | 29.568 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.889 | 138  | 23417    | 38.039 | ng/ul  | 98       |
| 52) Acenaphthene              | 15.053 | 153  | 100264   | 29.308 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 15.100 | 184  | 13720    | 29.654 | ng/ul  | 95       |
| 55) 4-Nitrophenol             | 15.188 | 109  | 20122    | 29.007 | ng/ul  | 91       |
| 56) Dibenzofuran              | 15.382 | 168  | 148882   | 30.137 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 15.341 | 165  | 38252    | 30.755 | ng/ul# | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.611 | 232  | 33790    | 30.845 | ng/ul  | 96       |
| 59) Diethylphthalate          | 15.770 | 149  | 125854   | 29.343 | ng/ul  | 99       |
| 61) Fluorene                  | 16.034 | 166  | 122936   | 29.429 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 16.011 | 204  | 73790    | 30.264 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 16.046 | 138  | 23899    | 40.995 | ng/ul  | 90       |
| 66) 4,6-Dinitro-2-methylph... | 16.105 | 198  | 24090    | 31.465 | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 16.222 | 169  | 103222   | 31.161 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.904 | 248  | 49404    | 32.596 | ng/ul  | 95       |
| 69) Hexachlorobenzene         | 17.033 | 284  | 51618    | 32.341 | ng/ul  | 98       |
| 70) Atrazine                  | 17.150 | 200  | 31647    | 21.496 | ng/ul  | 97       |
| 71) Pentachlorophenol         | 17.379 | 266  | 22089    | 29.941 | ng/ul  | 97       |
| 72) Phenanthrene              | 17.773 | 178  | 200141   | 30.308 | ng/ul  | 99       |
| 74) Anthracene                | 17.861 | 178  | 199763   | 30.115 | ng/ul  | 100      |
| 75) 1,2,3,4-Tetrachloroben... | 13.802 | 216  | 63032    | 33.047 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 15.306 | 250  | 63876    | 32.901 | ng/uL  | 98       |
| 77) Carbazole                 | 18.125 | 167  | 168769   | 30.445 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.642 | 149  | 197070   | 31.088 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.758 | 202  | 240045   | 31.232 | ng/ul  | 97       |
| 82) Pyrene                    | 20.123 | 202  | 237919   | 30.578 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.974 | 149  | 81032    | 32.520 | ng/ul  | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.914 | 252  | 87597    | 36.184 | ng/ul  | 96       |
| 85) Benzo(a)anthracene        | 22.014 | 228  | 241880   | 31.374 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.862 | 149  | 116831   | 32.238 | ng/ul  | 95       |
| 87) Chrysene                  | 22.091 | 228  | 225323   | 30.978 | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 23.166 | 149  | 194260   | 30.343 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.423 | 252  | 248007   | 30.892 | ng/ul# | 98       |
| 91) Benzo(k)fluoranthene      | 24.499 | 252  | 241431   | 30.911 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 25.386 | 252  | 213885   | 30.859 | ng/ul# | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.610 | 276  | 273028   | 31.513 | ng/ul# | 96       |
| 95) Dibenzo(a,h)anthracene    | 29.663 | 278  | 230022   | 32.018 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 30.879 | 276  | 220621   | 31.464 | ng/ul  | 97       |

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

**Instrument :**

BNA\_G

**ClientSampleId :**

SLCS400

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/01/2023  
Supervised By :Jagrut Upadhyay 05/01/2023

