

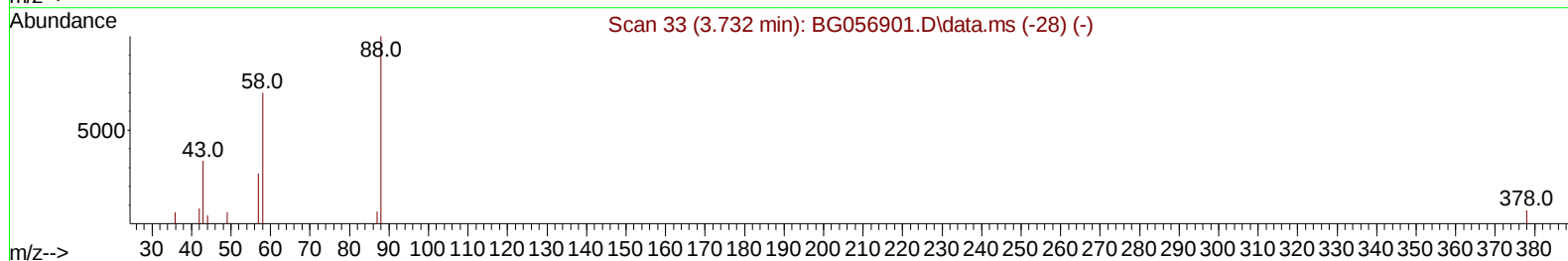
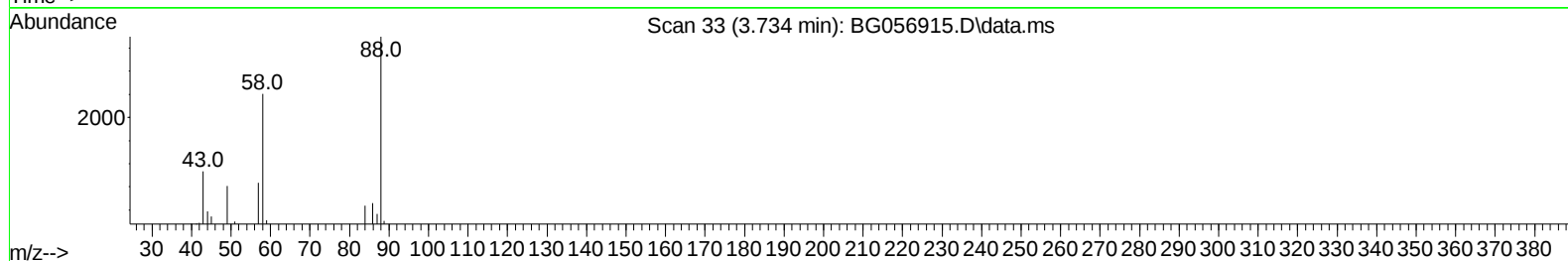
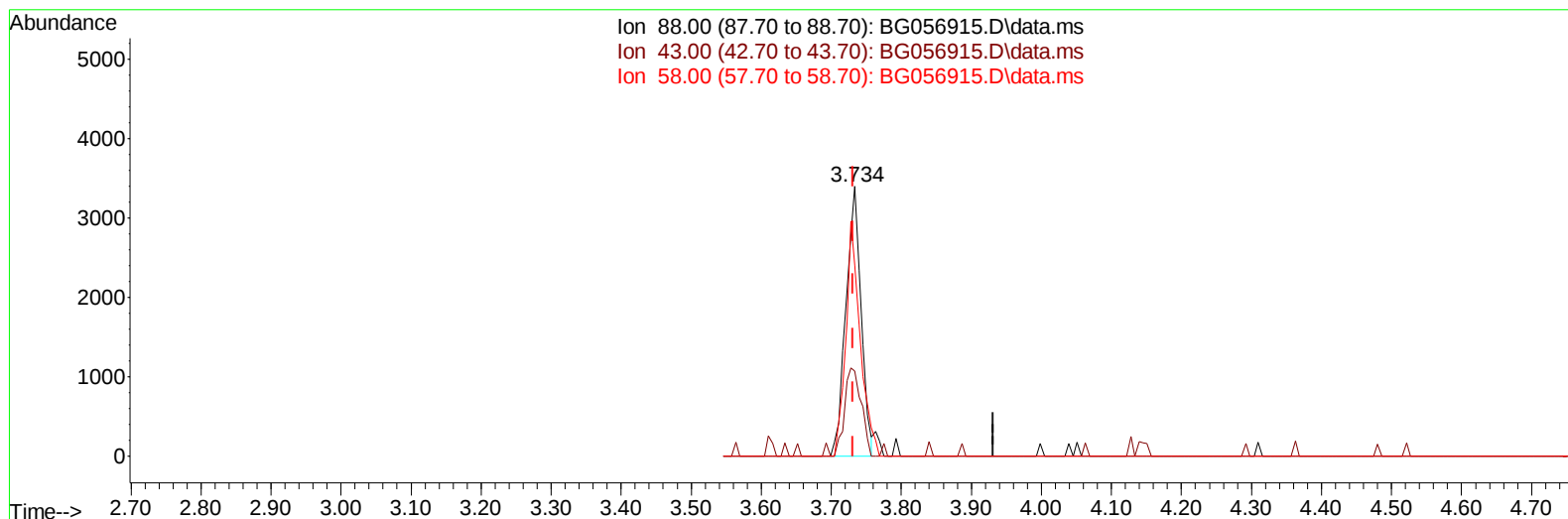
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030823\  
Data File : BG056915.D  
Acq On : 9 Mar 2023 15:11  
Operator : CG/JU  
Sample : PB151235BS  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SLCS235

## Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/10/2023  
Supervised By :Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 01:45:26 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG030723.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Mar 08 23:58:51 2023  
Response via : Initial Calibration



TIC: BG056915.D\data.ms

## (2) 1,4-Dioxane

3.734min (+ 0.002) 11.02 ng/uL

response 5172

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 50.30  | 31.60# |
| 58.00 | 86.30  | 70.88  |
| 0.00  | 0.00   | 0.00   |

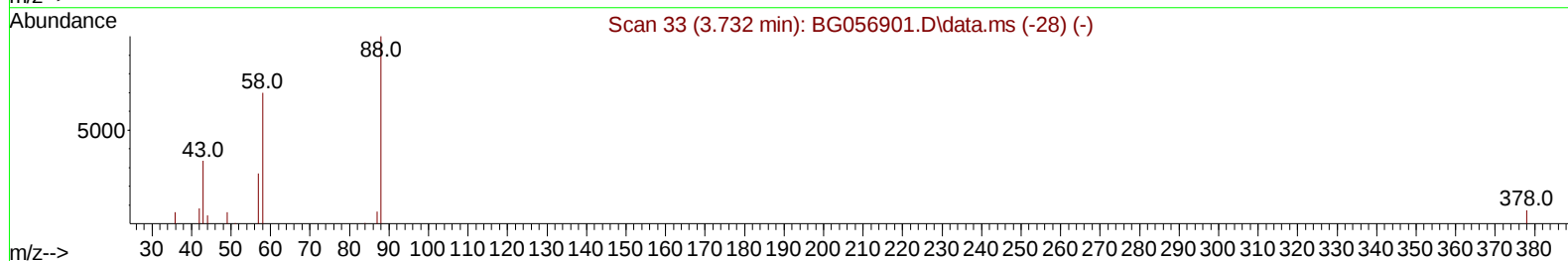
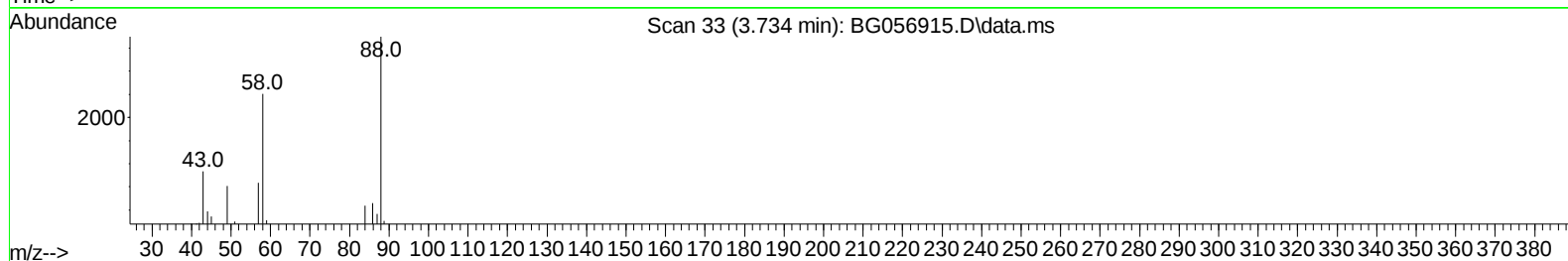
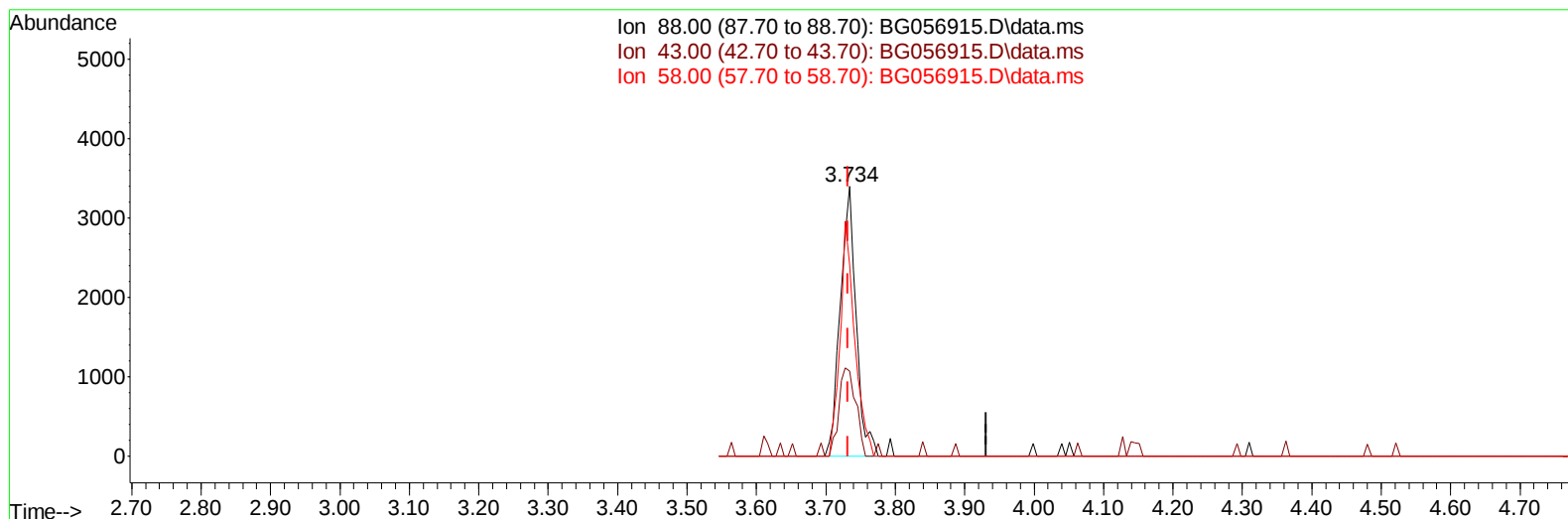
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030823\  
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 ALS Vial : 42 Sample Multiplier: 1

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 Response via : Initial Calibration



TIC: BG056915.D\data.ms

(2) 1,4-Dioxane

3.734min (+ 0.002) 11.40 ng/uL m

response 5347

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 88.00 | 100.00 | 100.00 |
| 43.00 | 50.30  | 31.60# |
| 58.00 | 86.30  | 70.88  |
| 0.00  | 0.00   | 0.00   |

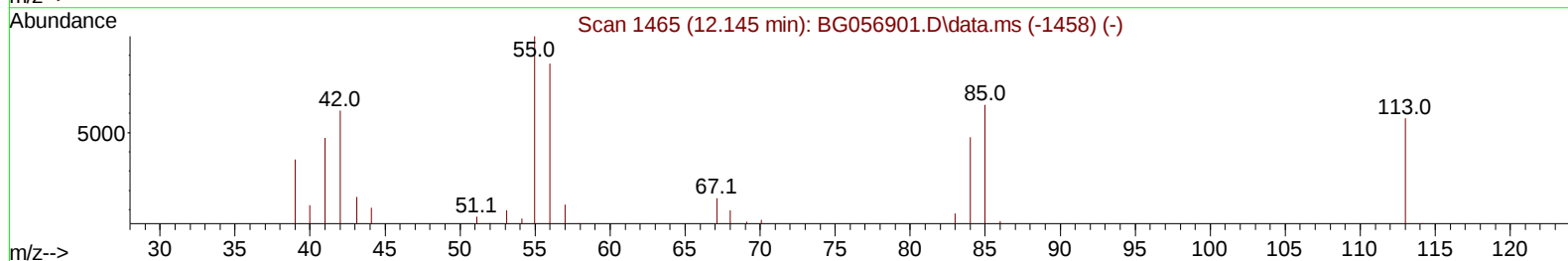
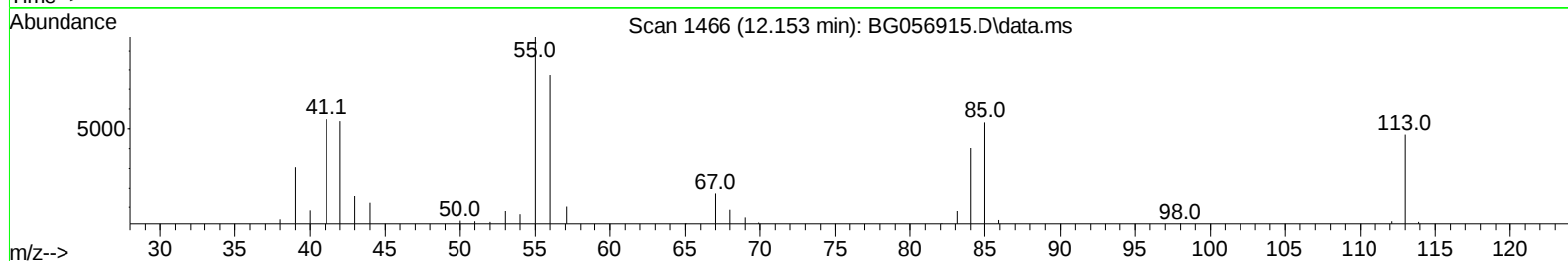
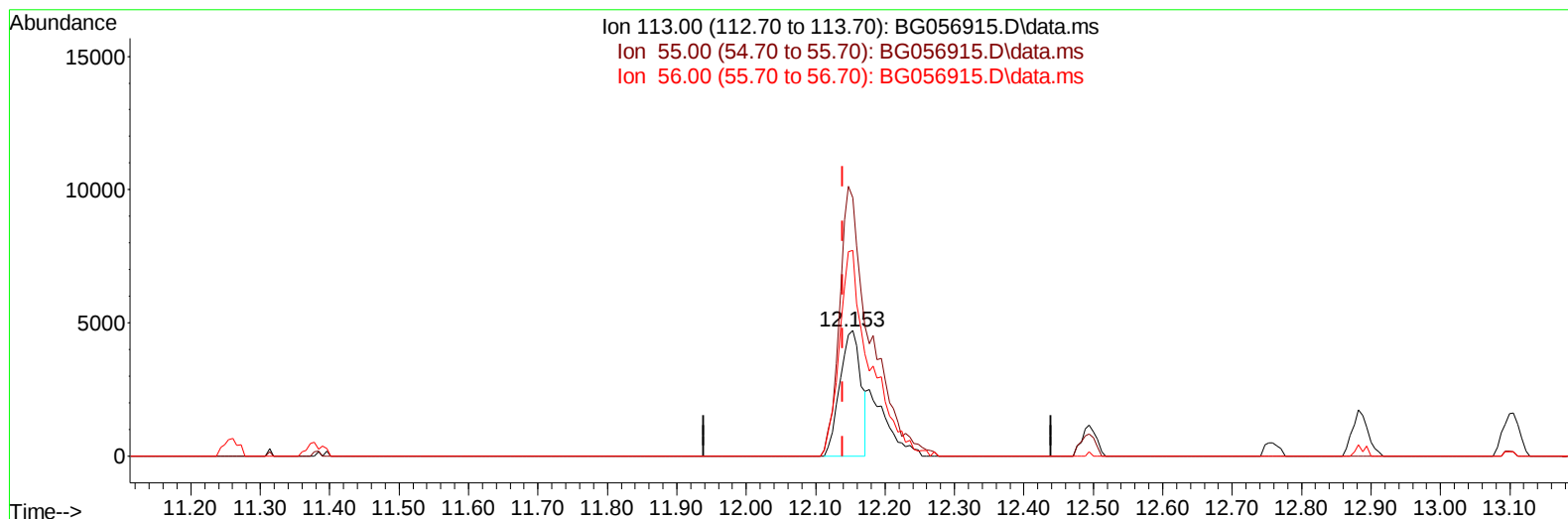
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TIC: BG056915.D\data.ms

**(34) Caprolactam**

**12.153min (+ 0.014) 20.43 ng/ul**

**response 9998**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 188.50 | 206.03 |
| 56.00  | 137.50 | 163.99 |
| 0.00   | 0.00   | 0.00   |

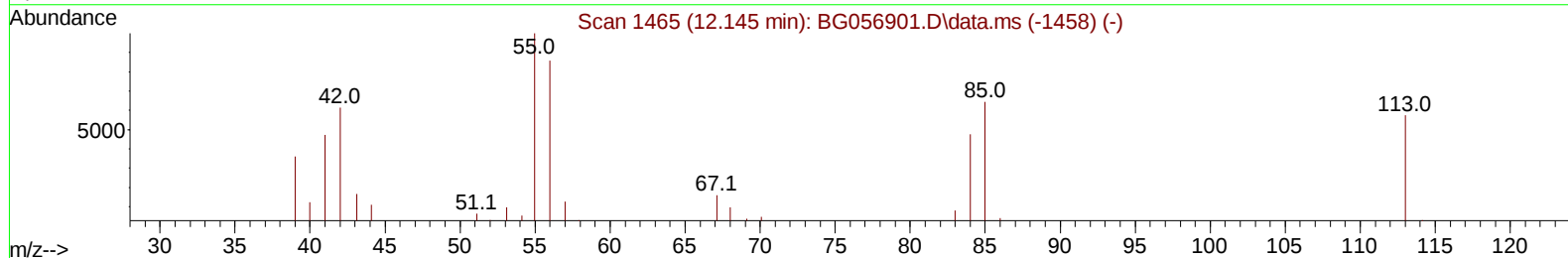
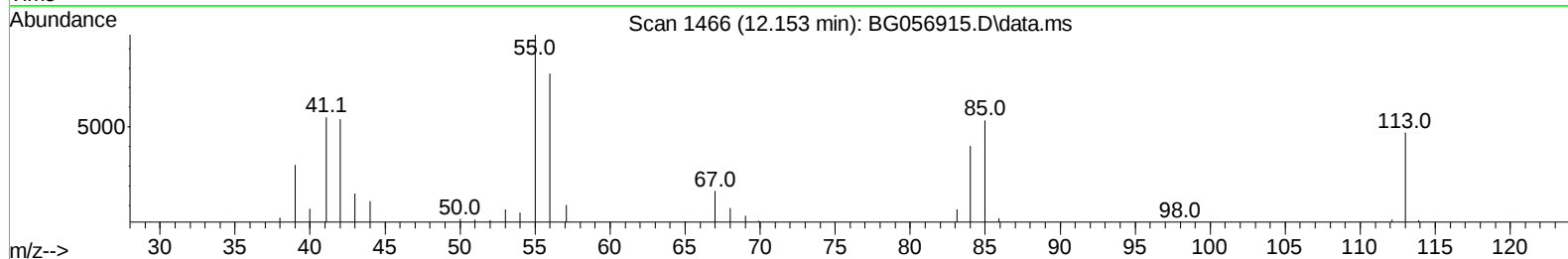
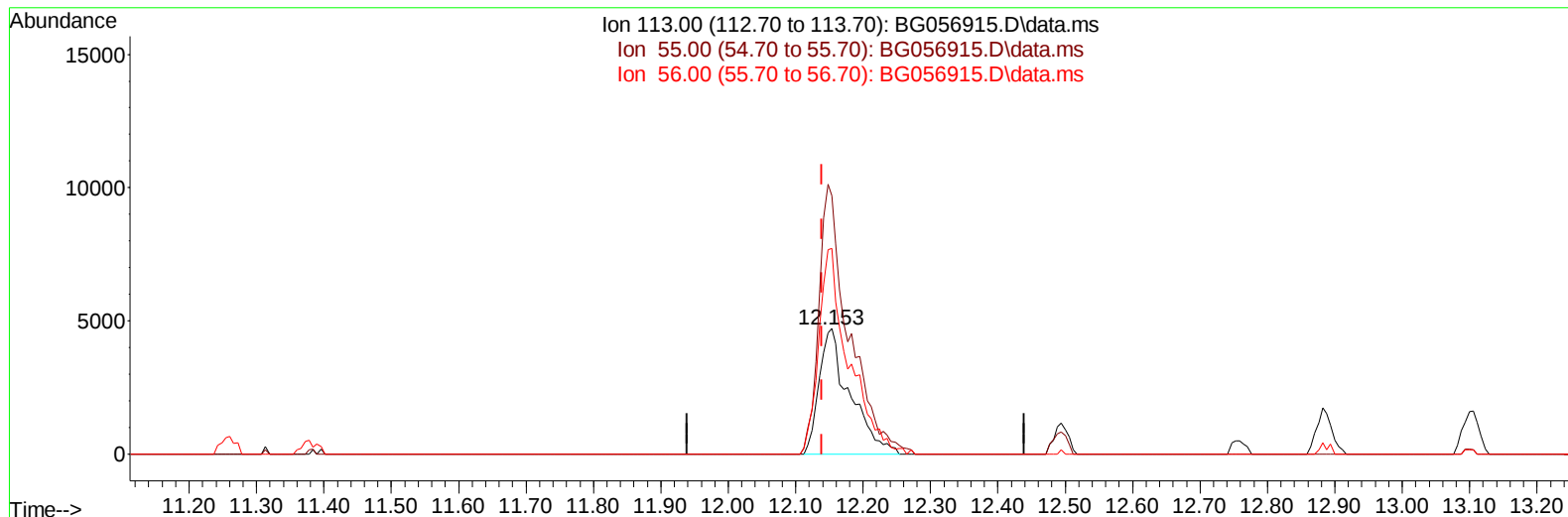
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030823\  
 Data File : BG056915.D  
 Acq On : 9 Mar 2023 15:11  
 Operator : CG/JU  
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 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BG056915.D\data.ms

**(34) Caprolactam**

12.153min (+ 0.014) 30.42 ng/ul m

response 14887

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 188.50 | 206.03 |
| 56.00  | 137.50 | 163.99 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030823\  
 Data File : BG056915.D  
 Acq On : 9 Mar 2023 15:11  
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 Sample : PB151235BS  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual IntegrationsAPPROVED

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Reviewed By :Christian Giraldo 03/10/2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.417  | 152  | 16324    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.260 | 136  | 72887    | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 15.032 | 164  | 59377    | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.770 | 188  | 154593   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 22.095 | 240  | 150773   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 25.643 | 264  | 158700   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.693  | 96   | 2207     | 5.243  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.128  | 84   | 39057    | 28.522 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.541  | 99   | 51513    | 30.789 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.717  | 67   | 31664    | 30.130 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.941  | 132  | 32870    | 31.391 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.110  | 113  | 39182    | 31.037 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.592  | 128  | 17693    | 29.267 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.320 | 143  | 22296    | 31.176 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.867 | 165  | 42488    | 30.671 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.384 | 131  | 49127    | 26.914 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.415 | 166  | 145259   | 28.601 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.733 | 160  | 159042   | 28.520 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.191 | 143  | 25197    | 29.278 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 16.014 | 176  | 135636   | 28.800 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.119 | 200  | 31508    | 28.201 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.870 | 188  | 213128   | 28.525 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.132 | 212  | 269916   | 29.391 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.403 | 264  | 259688   | 29.884 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.734  | 88   | 5347m    | 11.398 | ng/uL  |          |
| 5) Pyridine                   | 4.151  | 79   | 40856    | 27.847 | ng/ul  | 93       |
| 6) Benzaldehyde               | 7.541  | 77   | 33033    | 37.509 | ng/ul  | 95       |
| 8) Phenol                     | 7.571  | 94   | 53595    | 31.420 | ng/ul  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.811  | 93   | 37610    | 31.386 | ng/ul  | 93       |
| 12) 2-Chlorophenol            | 7.976  | 128  | 34440    | 32.012 | ng/ul  | 97       |
| 13) 2-Methylphenol            | 8.846  | 108  | 39270    | 31.314 | ng/ul  | 93       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.934  | 45   | 51024    | 31.024 | ng/ul# | 93       |
| 16) Acetophenone              | 9.245  | 105  | 66055    | 30.574 | ng/ul  | 94       |
| 17) N-Nitroso-di-n-propyla... | 9.222  | 70   | 37725    | 30.022 | ng/ul# | 97       |
| 18) 4-Methylphenol            | 9.175  | 108  | 42364    | 31.123 | ng/ul  | 94       |
| 19) Hexachloroethane          | 9.521  | 117  | 13744    | 30.934 | ng/ul  | 88       |
| 22) Nitrobenzene              | 9.639  | 77   | 57682    | 30.577 | ng/ul  | 97       |
| 23) Isophorone                | 10.156 | 82   | 106427   | 28.900 | ng/ul  | 97       |
| 25) 2-Nitrophenol             | 10.356 | 139  | 22121    | 29.584 | ng/ul  | 96       |
| 26) 2,4-Dimethylphenol        | 10.397 | 107  | 43171    | 26.337 | ng/ul  | 99       |
| 27) Bis(2-Chloroethoxy)met... | 10.632 | 93   | 54980    | 30.670 | ng/ul  | 91       |
| 29) 2,4-Dichlorophenol        | 10.890 | 162  | 41705    | 31.227 | ng/ul  | 95       |
| 30) Naphthalene               | 11.313 | 128  | 119121   | 29.587 | ng/ul  | 96       |
| 32) 4-Chloroaniline           | 11.407 | 127  | 48924    | 27.357 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 11.589 | 225  | 31776    | 30.233 | ng/ul  | 93       |
| 34) Caprolactam               | 12.153 | 113  | 14887m   | 30.422 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 12.494 | 107  | 47493    | 30.630 | ng/ul  | 98       |

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Instrument :  
 BNA\_G  
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Manual IntegrationsAPPROVED

Quant Time: Mar 10 01:45:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG030723.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.882 | 142  | 88129    | 30.431 | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 13.099 | 142  | 90721    | 31.351 | ng/ul  | 95       |
| 39) 1,2,4,5-Tetrachloroben... | 13.246 | 216  | 65552    | 29.876 | ng/ul  | 96       |
| 40) Hexachlorocyclopentadiene | 13.223 | 237  | 37410    | 25.075 | ng/ul  | 91       |
| 41) 2,4,6-Trichlorophenol     | 13.470 | 196  | 43993    | 30.790 | ng/ul# | 92       |
| 42) 2,4,5-Trichlorophenol     | 13.546 | 196  | 46904    | 29.491 | ng/ul  | 94       |
| 43) 1,1'-Biphenyl             | 13.869 | 154  | 132250   | 29.739 | ng/ul  | 95       |
| 44) 2-Chloronaphthalene       | 13.922 | 162  | 108433   | 29.572 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 14.110 | 65   | 40297    | 29.804 | ng/ul  | 94       |
| 47) Dimethylphthalate         | 14.462 | 163  | 149313   | 29.082 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.592 | 165  | 31937    | 30.934 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.756 | 152  | 164492   | 29.188 | ng/ul  | 96       |
| 51) 3-Nitroaniline            | 14.921 | 138  | 29333    | 31.489 | ng/ul  | 94       |
| 52) Acenaphthene              | 15.097 | 153  | 116241   | 29.491 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 15.126 | 184  | 21533    | 28.451 | ng/ul  | 95       |
| 55) 4-Nitrophenol             | 15.209 | 109  | 31817    | 28.681 | ng/ul  | 92       |
| 56) Dibenzofuran              | 15.426 | 168  | 176039   | 29.216 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 15.373 | 165  | 45445    | 28.552 | ng/ul  | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.643 | 232  | 44084    | 28.763 | ng/ul  | 97       |
| 59) Diethylphthalate          | 15.814 | 149  | 150332   | 28.969 | ng/ul  | 98       |
| 61) Fluorene                  | 16.072 | 166  | 140498   | 29.282 | ng/ul  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 16.055 | 204  | 84711    | 29.427 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 16.084 | 138  | 29615    | 32.047 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 16.137 | 198  | 31886    | 29.820 | ng/ul  | 98       |
| 67) N-Nitrosodiphenylamine    | 16.266 | 169  | 127777   | 30.778 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.948 | 248  | 59920    | 31.249 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 17.077 | 284  | 63449    | 30.503 | ng/ul  | 96       |
| 70) Atrazine                  | 17.195 | 200  | 48707    | 26.094 | ng/ul# | 94       |
| 71) Pentachlorophenol         | 17.412 | 266  | 35628    | 29.059 | ng/ul  | 92       |
| 72) Phenanthrene              | 17.811 | 178  | 252702   | 30.375 | ng/ul  | 99       |
| 74) Anthracene                | 17.906 | 178  | 248451   | 29.315 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.840 | 216  | 67317    | 30.383 | ng/uL  | 95       |
| 76) Pentachlorobenzene        | 15.344 | 250  | 69954    | 30.241 | ng/uL  | 96       |
| 77) Carbazole                 | 18.170 | 167  | 217887   | 30.294 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.693 | 149  | 249288   | 29.965 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.797 | 202  | 328309   | 29.991 | ng/ul  | 99       |
| 82) Pyrene                    | 20.162 | 202  | 325044   | 29.653 | ng/ul  | 100      |
| 83) Butylbenzylphthalate      | 21.020 | 149  | 111980   | 30.802 | ng/ul  | 98       |
| 84) 3,3'-Dichlorobenzidine    | 21.971 | 252  | 114125   | 31.246 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 22.071 | 228  | 330293   | 29.966 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.930 | 149  | 157769   | 30.367 | ng/ul  | 98       |
| 87) Chrysene                  | 22.148 | 228  | 304464   | 29.808 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 23.252 | 149  | 266437   | 30.827 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.510 | 252  | 339593   | 31.303 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 24.580 | 252  | 318403   | 30.552 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 25.479 | 252  | 284553   | 30.699 | ng/ul  | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 29.739 | 276  | 392882   | 31.018 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 29.809 | 278  | 325182   | 31.110 | ng/ul# | 98       |
| 96) Benzo(g,h,i)perylene      | 31.031 | 276  | 316993   | 31.211 | ng/ul  | 96       |

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

**Instrument :**

BNA\_G

**ClientSampleId :**

SLCS235

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