

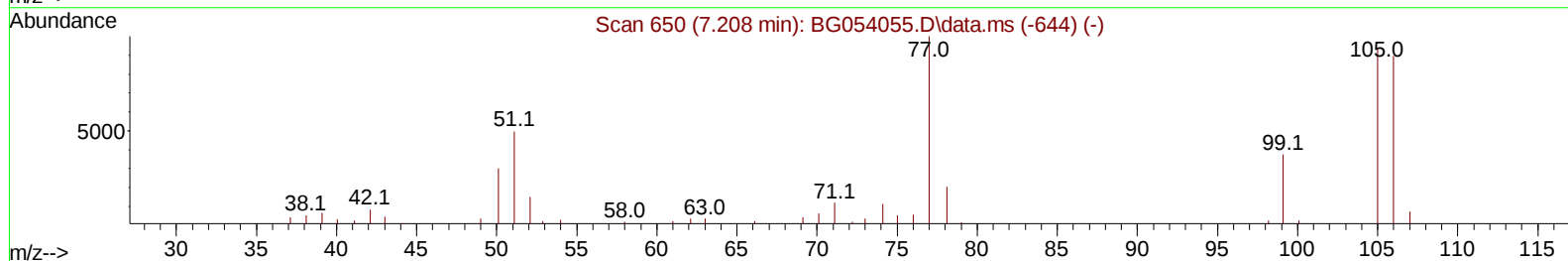
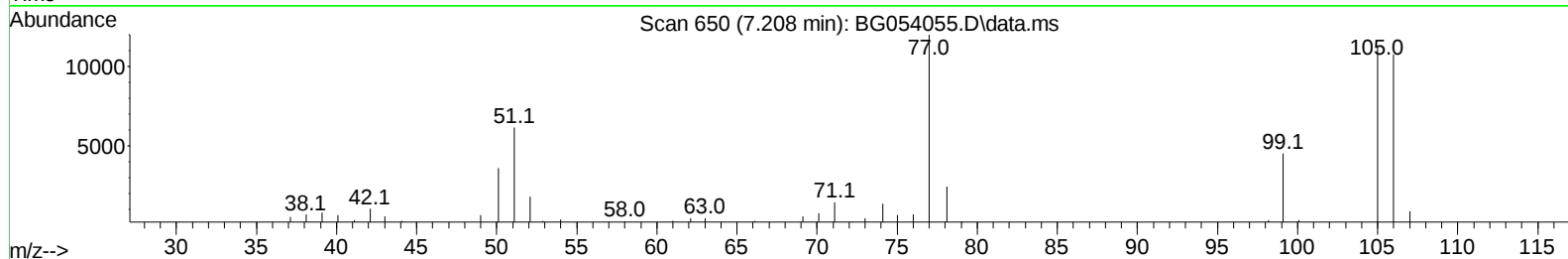
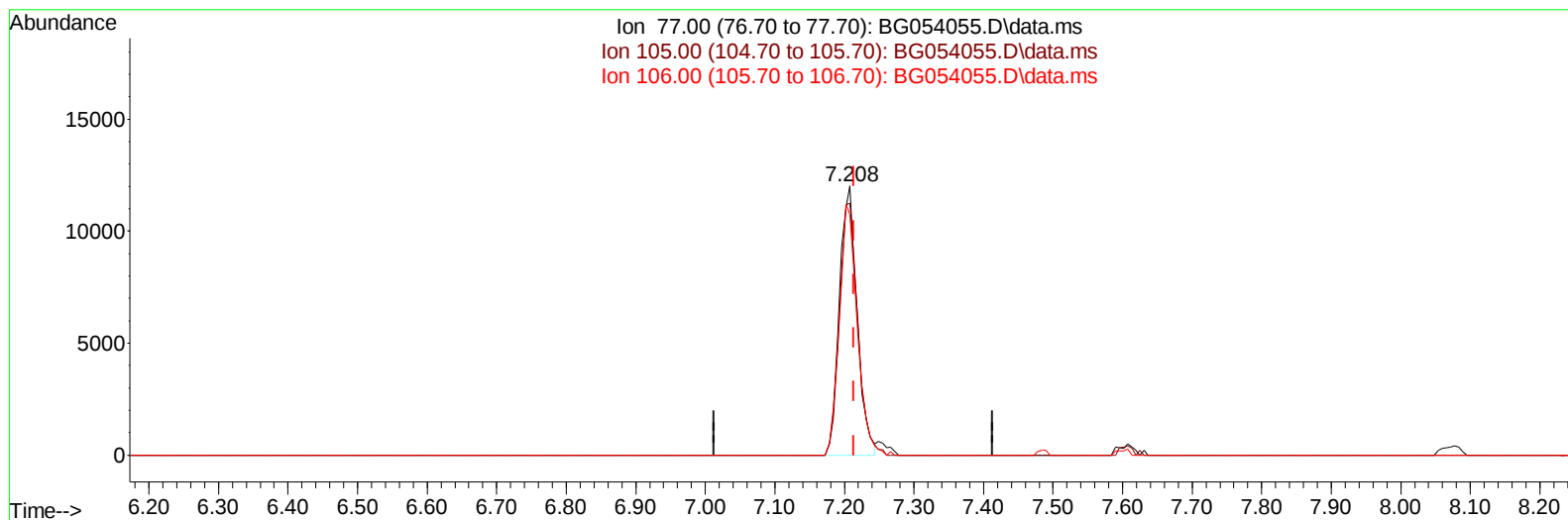
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062522\  
Data File : BG054055.D  
Acq On : 25 Jun 2022 10:46  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Jun 27 01:44:47 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062022.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jun 20 15:29:13 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/27/2022  
Supervised By :mohammad ahmed 07/01/2022



TIC: BG054055.D\data.ms

(6) Benzaldehyde

7.208min (-0.006) 24.59 ng/u1

response 21301

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 99.60  | 93.61  |
| 106.00 | 88.70  | 89.52  |
| 0.00   | 0.00   | 0.00   |

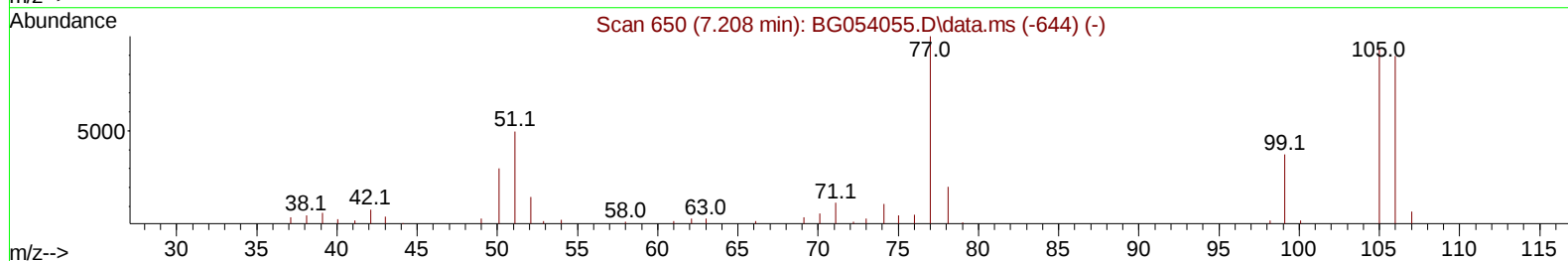
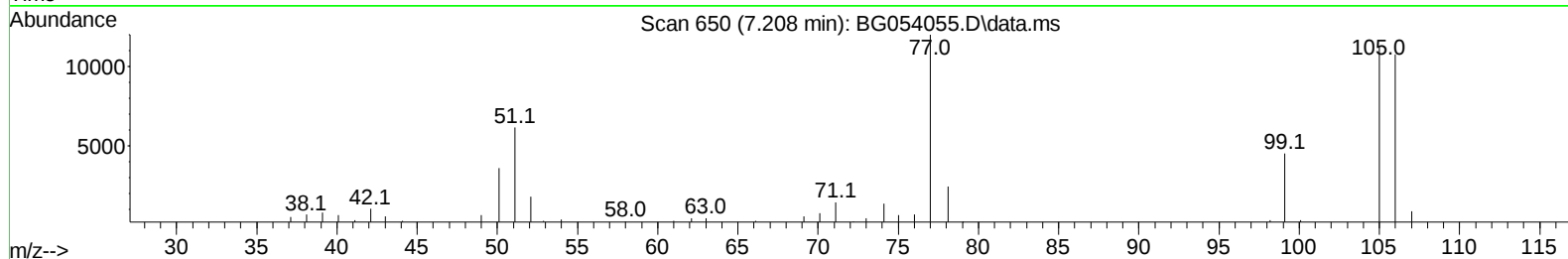
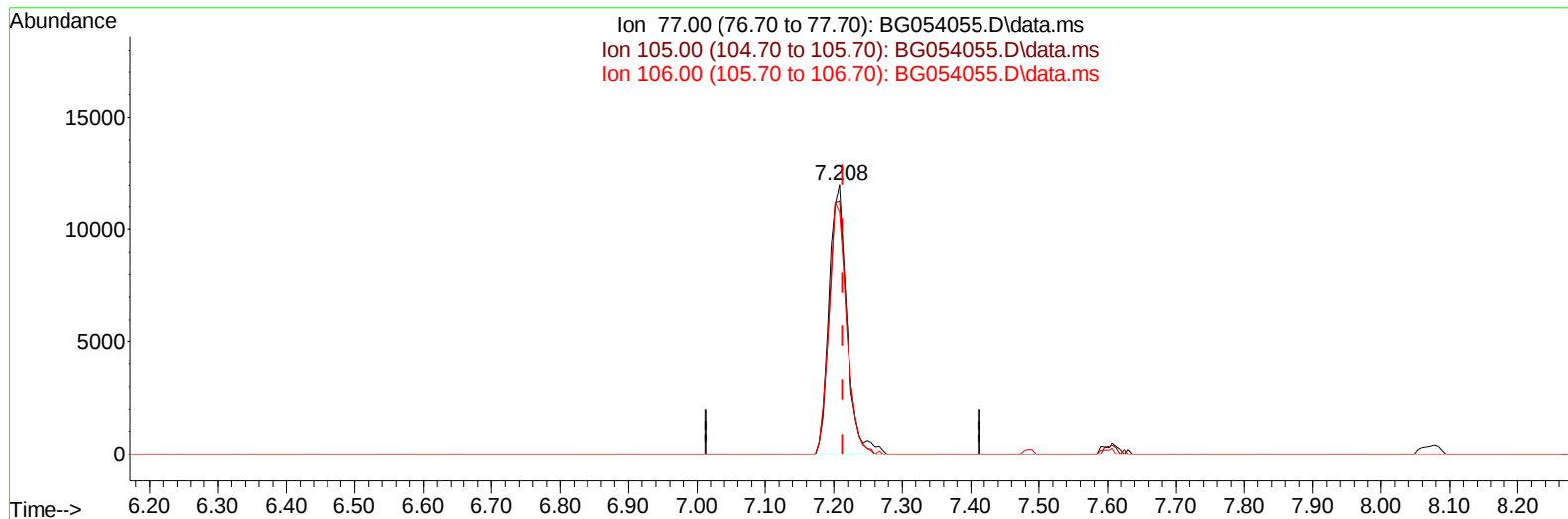
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062522\  
Data File : BG054055.D  
Acq On : 25 Jun 2022 10:46  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jun 20 15:29:13 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/27/2022  
Supervised By :mohammad ahmed 07/01/2022



TIC: BG054055.D\data.ms

(6) Benzaldehyde

7.208min (-0.006) 25.40 ng/ul m

response 21997

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 99.60  | 93.61  |
| 106.00 | 88.70  | 89.52  |
| 0.00   | 0.00   | 0.00   |

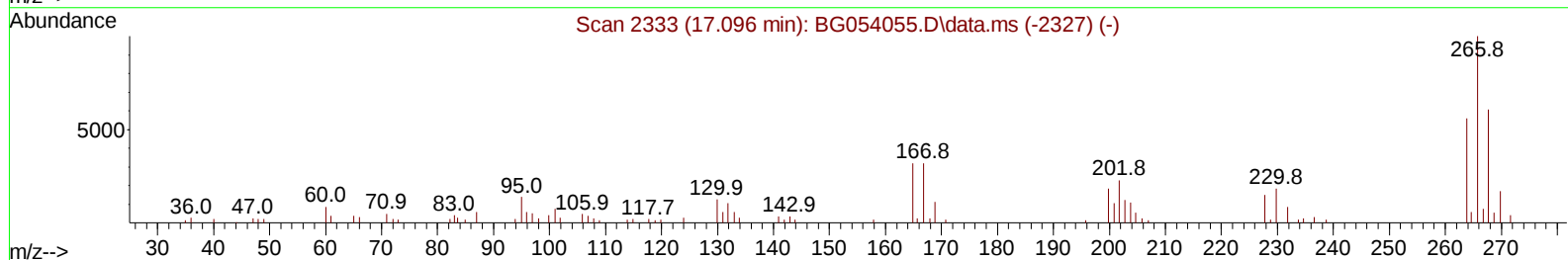
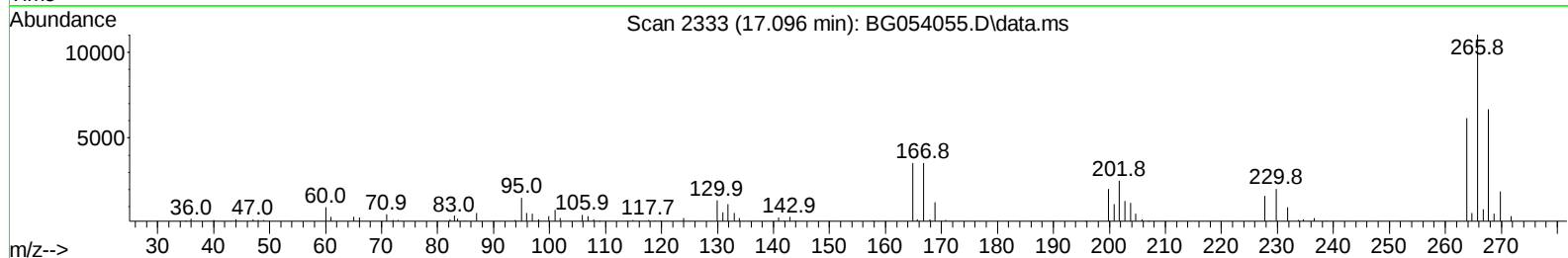
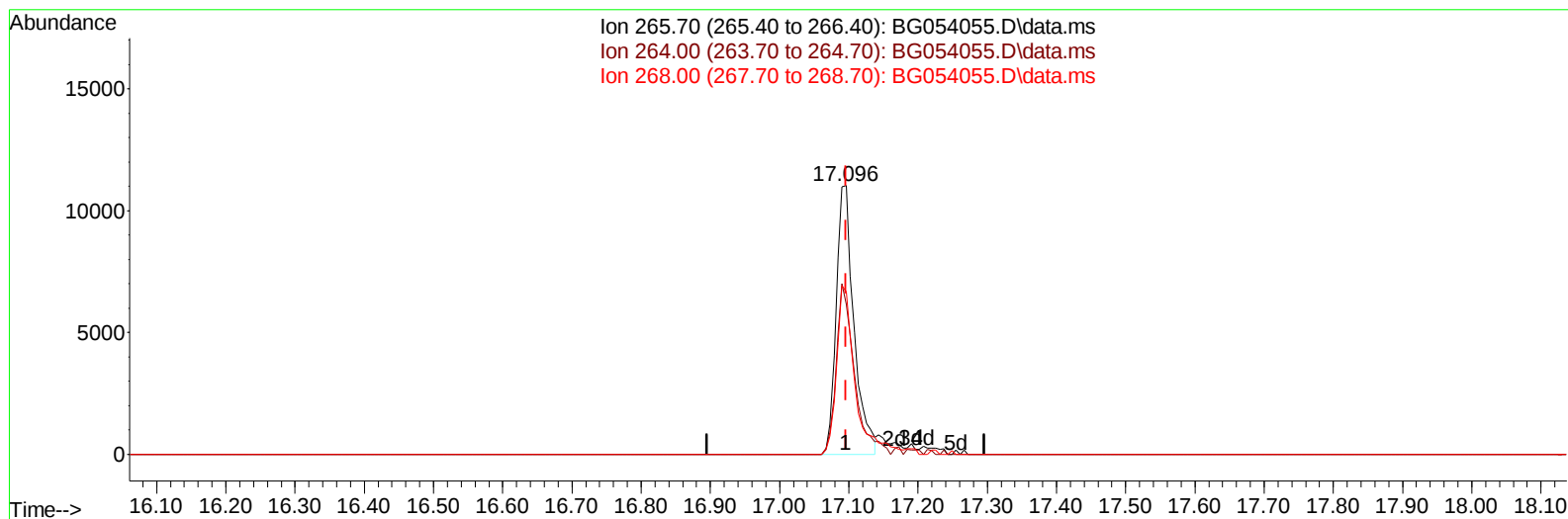
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062522\  
Data File : BG054055.D  
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ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BG054055.D\data.ms

**(71) Pentachlorophenol (C)**

**17.096min (+ 0.000) 14.64 ng/u1**

**response 19619**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 71.00  | 61.74  |
| 268.00 | 60.00  | 66.05  |
| 0.00   | 0.00   | 0.00   |

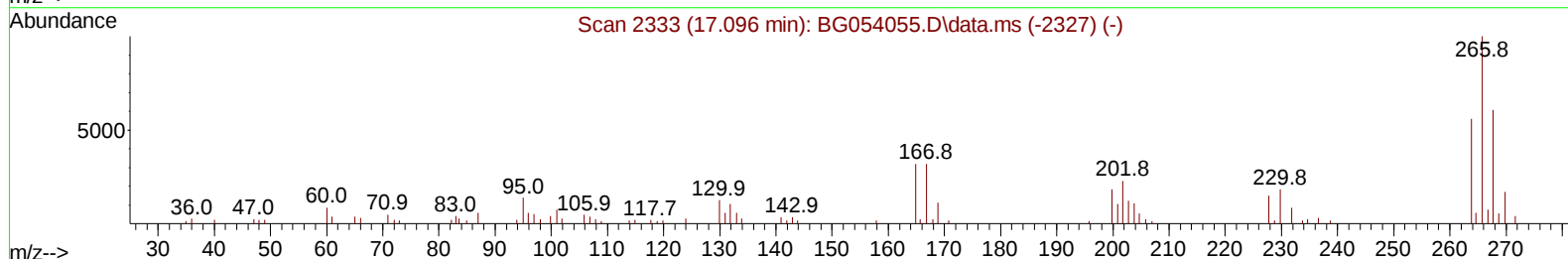
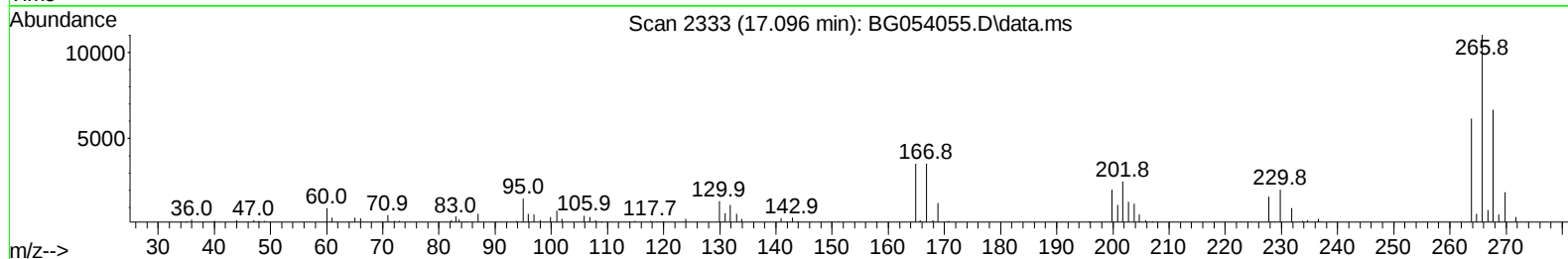
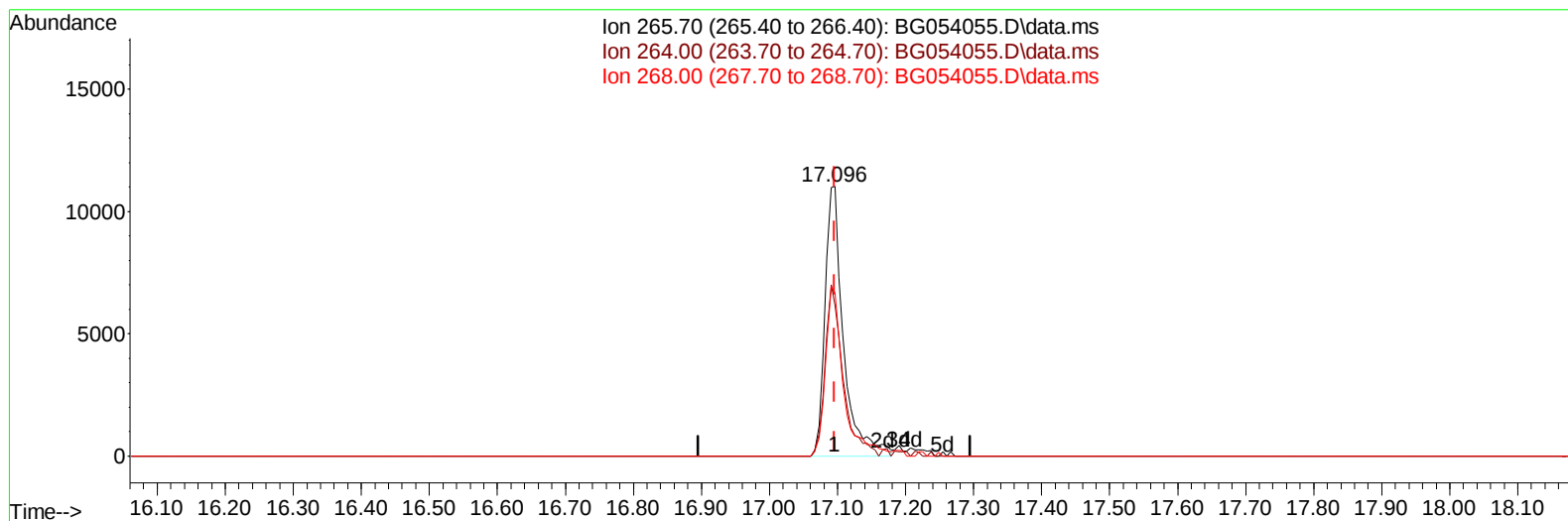
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062522\  
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Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

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TIC: BG054055.D\data.ms

**(71) Pentachlorophenol (C)**

17.096min (+ 0.000) 15.55 ng/ul m

response 20839

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 265.70 | 100.00 | 100.00 |
| 264.00 | 71.00  | 55.88# |
| 268.00 | 60.00  | 60.58  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062522\  
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 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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 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     | 8.071  | 152  | 23742    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.880 | 136  | 107906   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.693 | 164  | 85875    | 20.000 | ng/ul  | -0.01    |
| 64) Phenanthrene-d10          | 17.437 | 188  | 217201   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.714 | 240  | 232995   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.969 | 264  | 232479   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.489  | 96   | 3856     | 7.728  | ng/uL  | -0.02    |
| 4) Pyridine-d5                | 3.906  | 84   | 28093    | 20.699 | ng/ul  | -0.01    |
| 7) Phenol-d5                  | 7.231  | 99   | 37752    | 22.195 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.390  | 67   | 22284    | 21.719 | ng/ul  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.601  | 132  | 27690    | 20.415 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.771  | 113  | 32560    | 22.451 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.229  | 128  | 14859    | 18.552 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.957  | 143  | 15647    | 18.387 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.498 | 165  | 37205    | 19.760 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.009 | 131  | 48385    | 20.342 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.094 | 166  | 122758   | 18.171 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.388 | 160  | 139209   | 18.950 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.881 | 143  | 17177    | 18.569 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.686 | 176  | 112854   | 18.597 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.798 | 200  | 20447    | 17.257 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.537 | 188  | 183163   | 18.673 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.822 | 212  | 236861   | 19.498 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.740 | 264  | 224387   | 19.121 | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.530  | 88   | 4896     | 8.991  | ng/uL# | 79       |
| 5) Pyridine                   | 3.923  | 79   | 28902    | 20.534 | ng/ul  | 95       |
| 6) Benzaldehyde               | 7.208  | 77   | 21997m   | 25.396 | ng/ul  |          |
| 8) Phenol                     | 7.255  | 94   | 40341    | 22.730 | ng/ul  | 95       |
| 10) Bis(2-Chloroethyl)ether   | 7.484  | 93   | 29404    | 21.872 | ng/ul  | 90       |
| 12) 2-Chlorophenol            | 7.637  | 128  | 29188    | 21.077 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.512  | 108  | 30617    | 22.224 | ng/ul  | 96       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.594  | 45   | 48392    | 24.234 | ng/ul  | 98       |
| 16) Acetophenone              | 8.888  | 105  | 48839    | 21.775 | ng/ul  | 96       |
| 17) N-Nitroso-di-n-propyla... | 8.871  | 70   | 25605    | 22.395 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.835  | 108  | 34120    | 23.151 | ng/ul  | 99       |
| 19) Hexachloroethane          | 9.158  | 117  | 11634    | 19.826 | ng/ul  | 93       |
| 22) Nitrobenzene              | 9.270  | 77   | 36712    | 19.244 | ng/ul  | 93       |
| 23) Isophorone                | 9.793  | 82   | 71530    | 19.338 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.993  | 139  | 17109    | 19.173 | ng/ul  | 92       |
| 26) 2,4-Dimethylphenol        | 10.046 | 107  | 39218    | 20.127 | ng/ul  | 93       |
| 27) Bis(2-Chloroethoxy)met... | 10.275 | 93   | 42610    | 20.463 | ng/ul  | 97       |
| 29) 2,4-Dichlorophenol        | 10.527 | 162  | 37869    | 20.112 | ng/ul  | 92       |
| 30) Naphthalene               | 10.927 | 128  | 101955   | 19.047 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 11.033 | 127  | 48037    | 20.366 | ng/ul  | 96       |
| 33) Hexachlorobutadiene       | 11.221 | 225  | 26362    | 14.334 | ng/ul  | 96       |
| 34) Caprolactam               | 11.779 | 113  | 10820    | 19.257 | ng/ul# | 84       |
| 35) 4-Chloro-3-methylphenol   | 12.149 | 107  | 38256    | 21.128 | ng/ul  | 95       |

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

Instrument :  
 BNA\_G  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jun 20 15:29:13 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/27/2022  
 Supervised By :mohammad ahmed 07/01/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.531 | 142  | 76411    | 19.297 | ng/ul  | 97       |
| 37) 1-Methylnaphthalene       | 12.748 | 142  | 77562    | 19.641 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.895 | 216  | 57621    | 16.508 | ng/ul  | 97       |
| 40) Hexachlorocyclopentadiene | 12.883 | 237  | 33452    | 17.088 | ng/ul  | 99       |
| 41) 2,4,6-Trichlorophenol     | 13.136 | 196  | 33155    | 18.301 | ng/ul  | 91       |
| 42) 2,4,5-Trichlorophenol     | 13.207 | 196  | 36335    | 17.741 | ng/ul  | 96       |
| 43) 1,1'-Biphenyl             | 13.530 | 154  | 113233   | 19.025 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.577 | 162  | 90530    | 18.316 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.771 | 65   | 26167    | 21.043 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 14.141 | 163  | 118235   | 18.209 | ng/ul  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.264 | 165  | 24676    | 18.896 | ng/ul  | 97       |
| 50) Acenaphthylene            | 14.417 | 152  | 146781   | 19.459 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.587 | 138  | 22281    | 21.018 | ng/ul# | 95       |
| 52) Acenaphthene              | 14.758 | 153  | 97581    | 19.373 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.799 | 184  | 9749     | 16.115 | ng/ul# | 63       |
| 55) 4-Nitrophenol             | 14.899 | 109  | 15111    | 16.665 | ng/ul  | 96       |
| 56) Dibenzofuran              | 15.093 | 168  | 145854   | 18.925 | ng/ul  | 96       |
| 57) 2,4-Dinitrotoluene        | 15.046 | 165  | 36353    | 19.191 | ng/ul# | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.322 | 232  | 30554    | 17.168 | ng/ul# | 97       |
| 59) Diethylphthalate          | 15.504 | 149  | 120417   | 18.914 | ng/ul  | 98       |
| 61) Fluorene                  | 15.739 | 166  | 119432   | 19.027 | ng/ul  | 97       |
| 62) 4-Chlorophenyl-phenyle... | 15.733 | 204  | 68956    | 17.277 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.751 | 138  | 20607    | 20.216 | ng/ul  | 90       |
| 66) 4,6-Dinitro-2-methylph... | 15.809 | 198  | 19770    | 17.382 | ng/ul  | 93       |
| 67) N-Nitrosodiphenylamine    | 15.939 | 169  | 105930   | 19.949 | ng/ul  | 96       |
| 68) 4-Bromophenyl-phenylether | 16.626 | 248  | 46527    | 17.245 | ng/ul  | 98       |
| 69) Hexachlorobenzene         | 16.750 | 284  | 52858    | 16.716 | ng/ul  | 98       |
| 70) Atrazine                  | 16.885 | 200  | 47603    | 18.252 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 17.096 | 266  | 20839m   | 15.548 | ng/ul  |          |
| 72) Phenanthrene              | 17.484 | 178  | 209176   | 19.439 | ng/ul  | 98       |
| 74) Anthracene                | 17.572 | 178  | 209793   | 19.345 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.500 | 216  | 61405    | 16.598 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 15.016 | 250  | 58704    | 17.253 | ng/uL  | 100      |
| 77) Carbazole                 | 17.836 | 167  | 182009   | 20.356 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.395 | 149  | 212110   | 20.836 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.487 | 202  | 269576   | 19.878 | ng/ul  | 98       |
| 82) Pyrene                    | 19.852 | 202  | 266894   | 19.795 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.733 | 149  | 91758    | 22.582 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.609 | 252  | 93980    | 19.491 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.697 | 228  | 273363   | 19.035 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.603 | 149  | 132513   | 22.318 | ng/ul  | 97       |
| 87) Chrysene                  | 21.761 | 228  | 264991   | 19.233 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.825 | 149  | 228973   | 22.933 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.935 | 252  | 276255   | 19.244 | ng/ul  | 97       |
| 91) Benzo(k)fluoranthene      | 24.000 | 252  | 268938   | 19.566 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 24.817 | 252  | 272463   | 19.704 | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.683 | 276  | 308872   | 18.566 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 28.747 | 278  | 257834   | 18.415 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 29.852 | 276  | 256696   | 18.274 | ng/ul  | 98       |

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

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BNA\_G  
**LabSampleId :**  
SSTDCCC020

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