

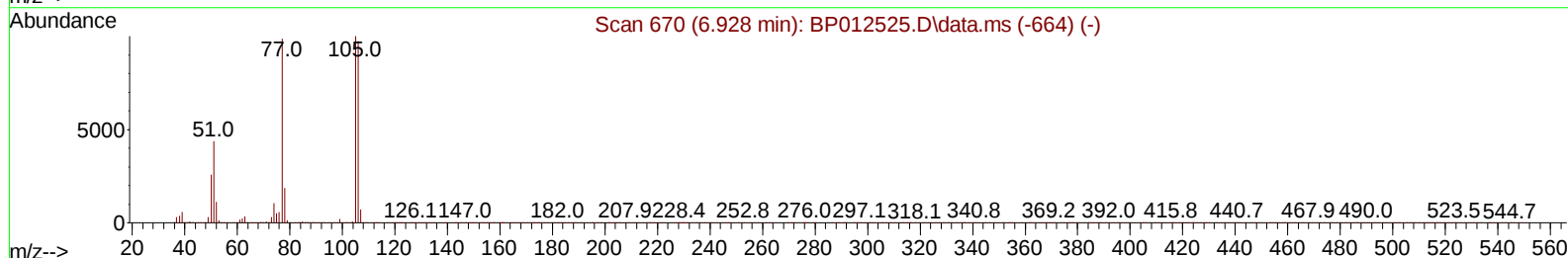
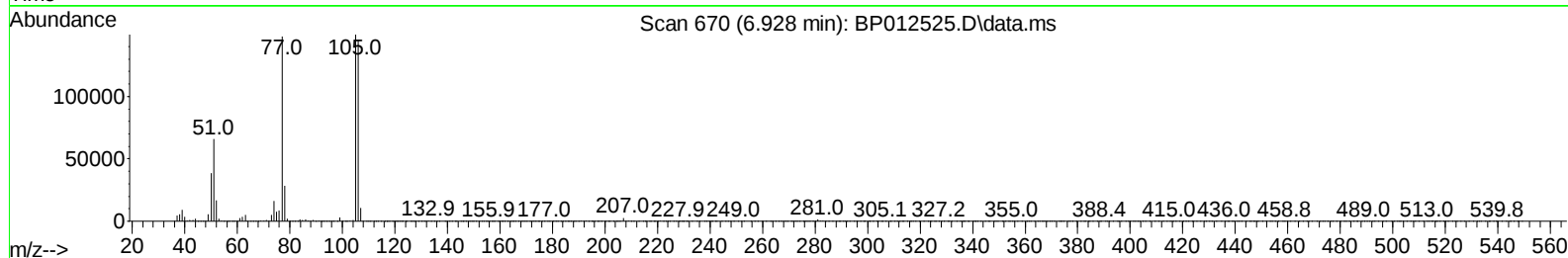
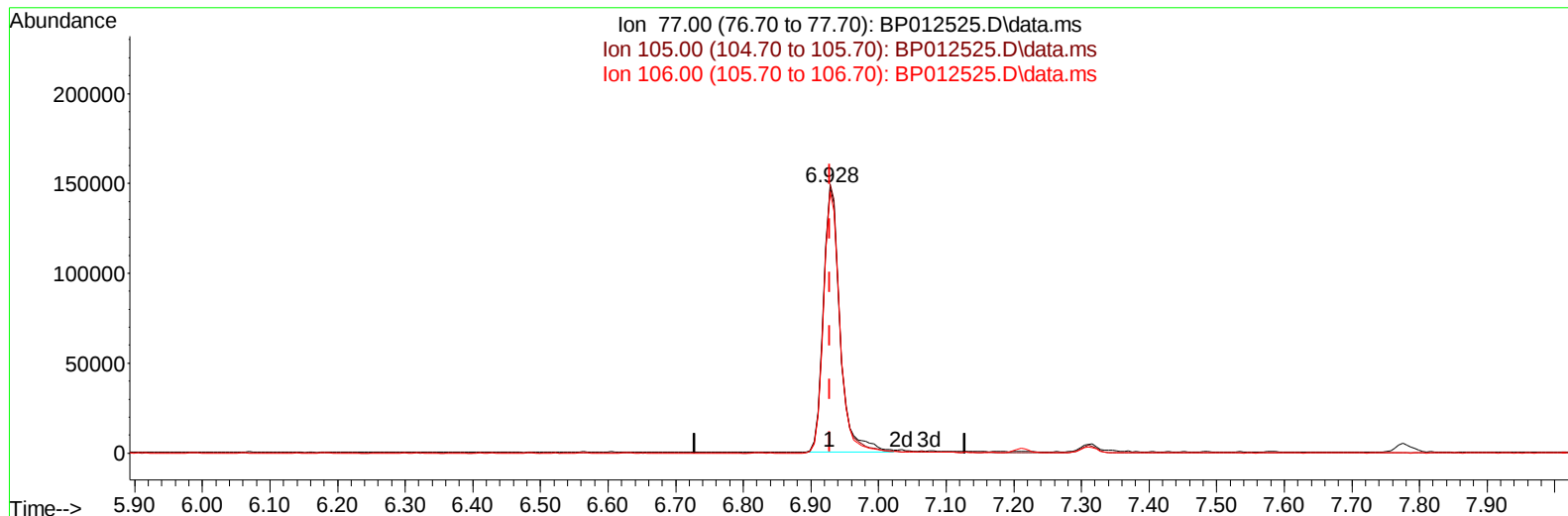
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110722\  
 Data File : BP012525.D  
 Acq On : 07 Nov 2022 11:29  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 07 21:38:52 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 04 02:53:36 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/08/2022  
 Supervised By :mohammad ahmed 11/14/2022



TIC: BP012525.D\data.ms

**(6) Benzaldehyde**

**6.928min (-0.000) 23.94 ng/u1**

**response 253887**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 101.30 | 101.17 |
| 106.00 | 99.00  | 98.40  |
| 0.00   | 0.00   | 0.00   |

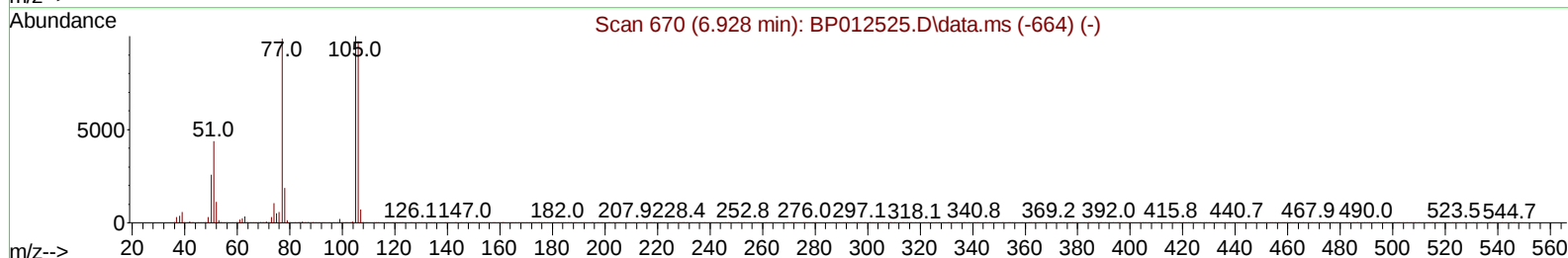
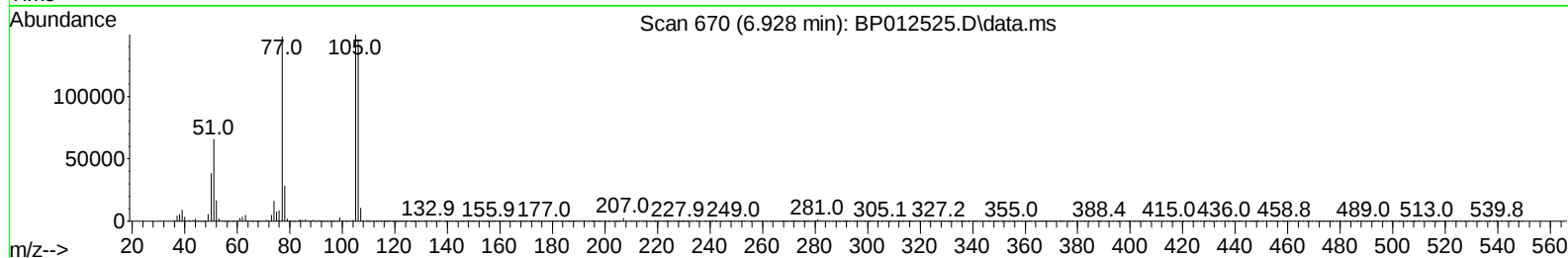
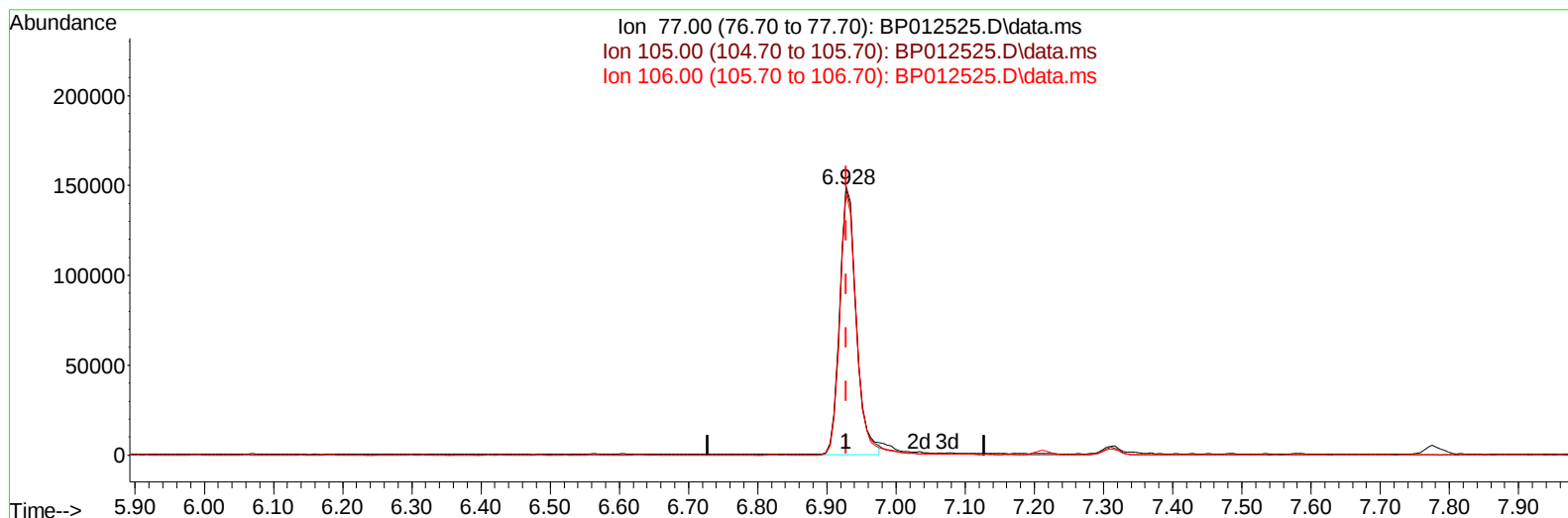
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110722\  
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/14/2022



TIC: BP012525.D\data.ms

**(6) Benzaldehyde**

6.928min (-0.000) 23.26 ng/ul m

response 246649

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 77.00  | 100.00 | 100.00 |
| 105.00 | 101.30 | 101.17 |
| 106.00 | 99.00  | 98.40  |
| 0.00   | 0.00   | 0.00   |

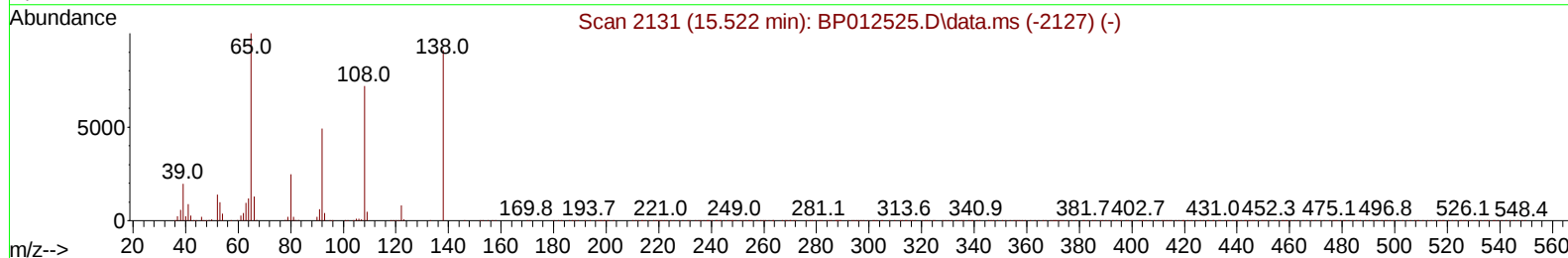
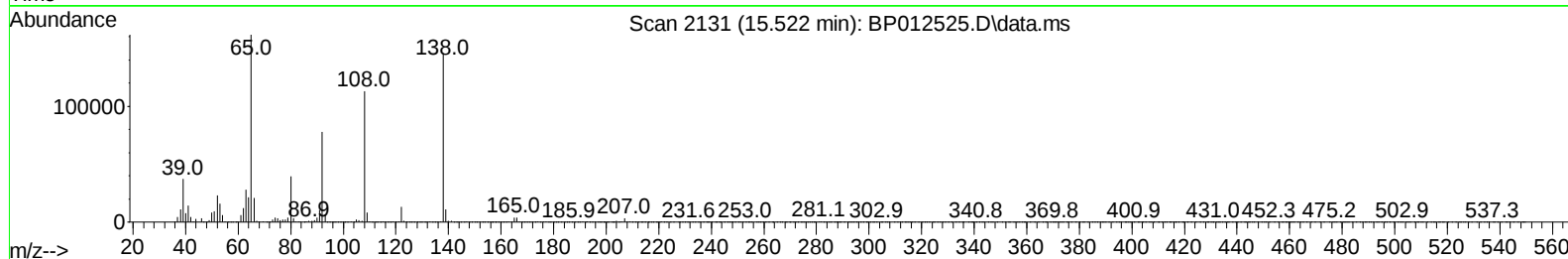
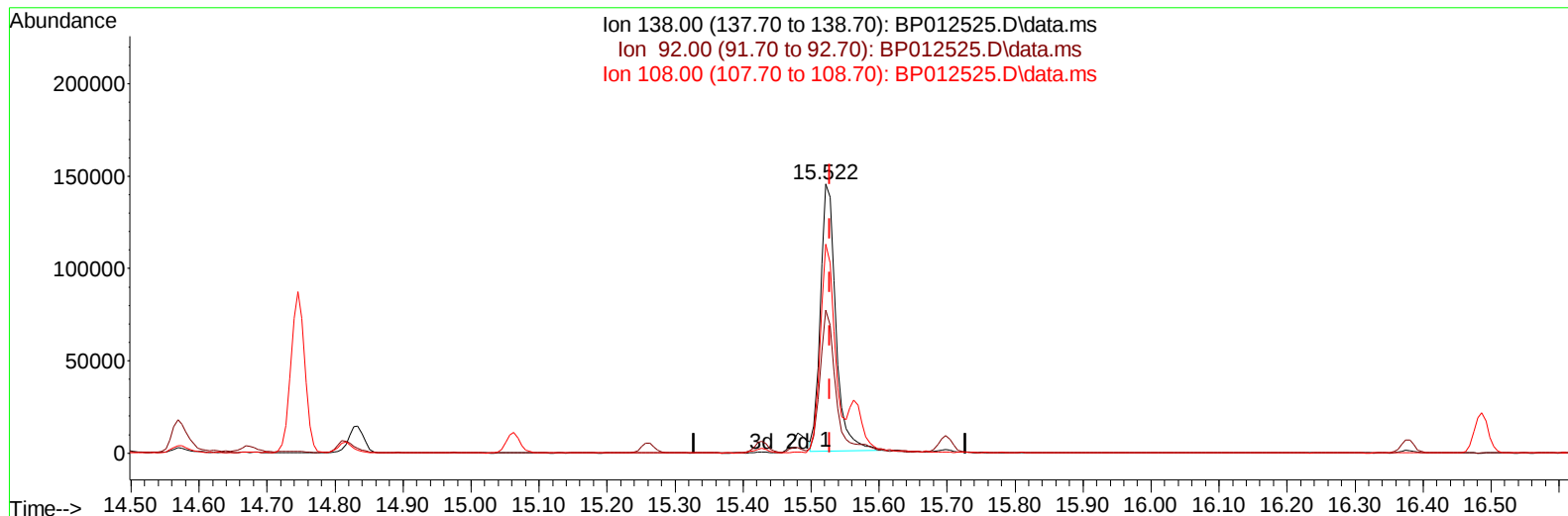
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110722\  
Data File : BP012525.D  
Acq On : 07 Nov 2022 11:29  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_P  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 07 21:38:52 2022  
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Quant Title : SVOA CALIBRATION  
QLast Update : Fri Nov 04 02:53:36 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/08/2022  
Supervised By :mohammad ahmed 11/14/2022



TIC: BP012525.D\data.ms

**(63) 4-Nitroaniline**

**15.522min (-0.006) 21.28 ng/ul**

**response 228602**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 50.80  | 53.27  |
| 108.00 | 70.80  | 77.63  |
| 0.00   | 0.00   | 0.00   |

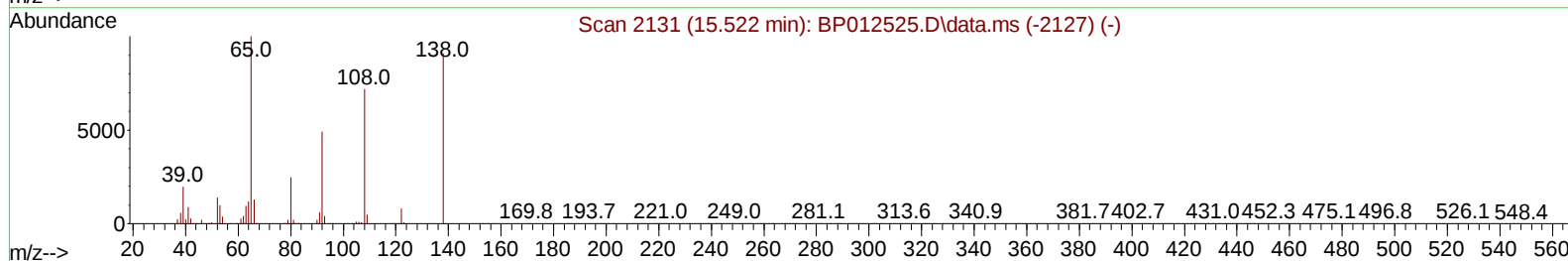
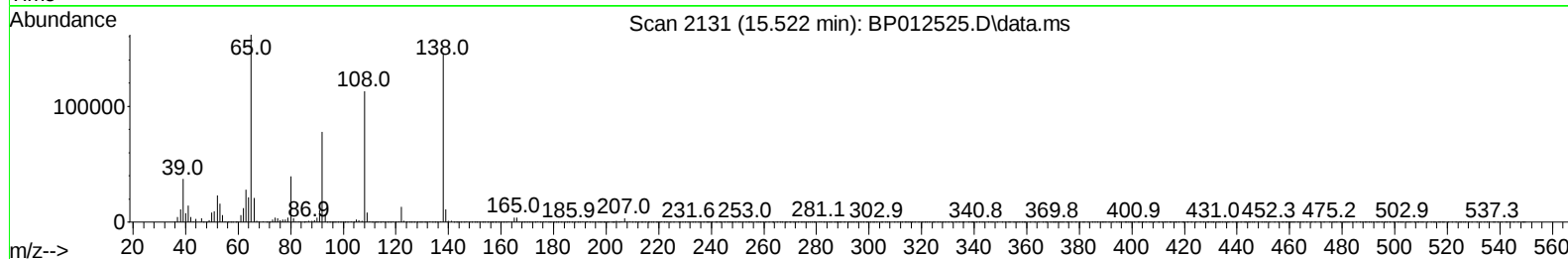
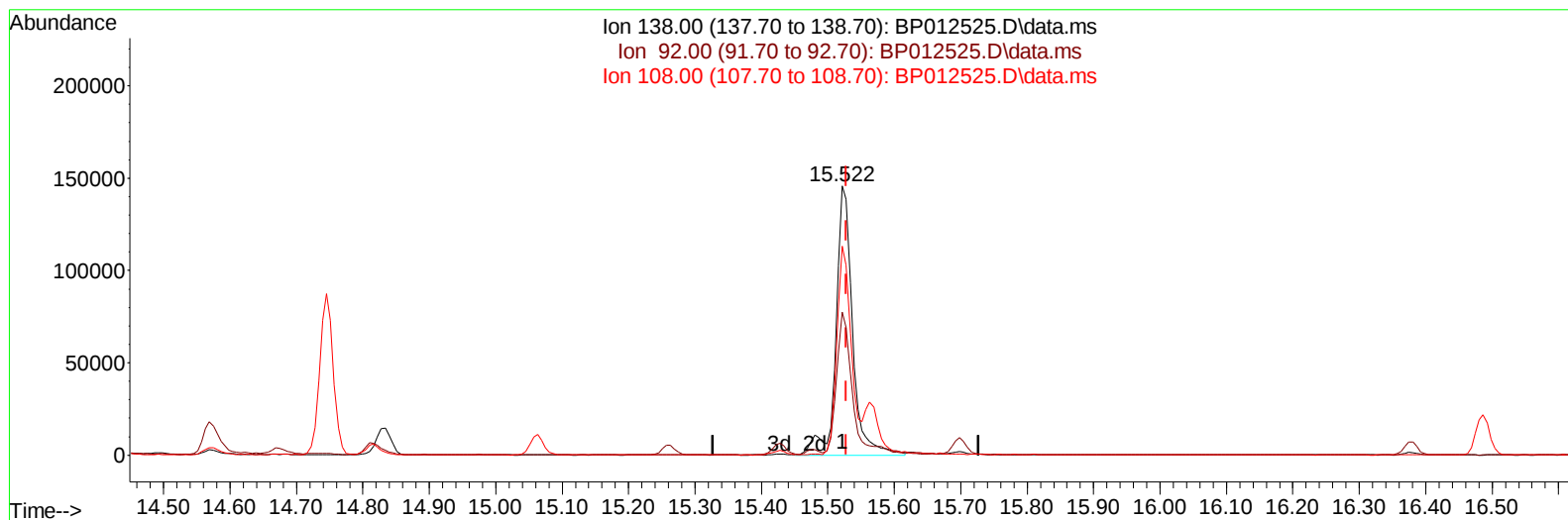
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110722\  
 Data File : BP012525.D  
 Acq On : 07 Nov 2022 11:29  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 07 21:38:52 2022  
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Reviewed By :Jagrut Upadhyay 11/08/2022  
 Supervised By :mohammad ahmed 11/14/2022



TIC: BP012525.D\data.ms

**(63) 4-Nitroaniline**

**15.522min (-0.006) 23.60 ng/ul m**

**response 253456**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 50.80  | 53.27  |
| 108.00 | 70.80  | 77.63  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110722\  
 Data File : BP012525.D  
 Acq On : 07 Nov 2022 11:29  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Nov 07 21:38:52 2022  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 04 02:53:36 2022  
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Reviewed By :Jagrut Upadhyay 11/08/2022  
 Supervised By :mohammad ahmed 11/14/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 250663   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.575 | 136  | 1202722  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.428 | 164  | 810778   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.192 | 188  | 1812903  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.286 | 240  | 1703591  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.668 | 264  | 1552743  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.228  | 96   | 45968    | 7.384  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.652  | 84   | 345185   | 19.302 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.957  | 99   | 459272   | 20.428 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.116  | 67   | 262776   | 19.579 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.310  | 132  | 345898   | 21.068 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.499  | 113  | 379788   | 21.358 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.951  | 128  | 179290   | 22.988 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.669  | 143  | 200003   | 24.706 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.204 | 165  | 394069   | 22.462 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.728 | 131  | 559785   | 21.430 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.845 | 166  | 1152732  | 20.769 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.122 | 160  | 1328726  | 20.949 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.657 | 143  | 183512   | 17.470 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.428 | 176  | 1028640  | 21.647 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.563 | 200  | 148039   | 15.684 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.292 | 188  | 1631400  | 20.885 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.533 | 212  | 1912264  | 22.357 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.515 | 264  | 1556600  | 20.517 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.264  | 88   | 48925    | 7.392  | ng/uL  | 94       |
| 5) Pyridine                   | 3.675  | 79   | 329692   | 18.760 | ng/ul  | 99       |
| 6) Benzaldehyde               | 6.928  | 77   | 246649m  | 23.261 | ng/ul  |          |
| 8) Phenol                     | 6.981  | 94   | 480321   | 20.547 | ng/ul  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.210  | 93   | 370982   | 19.774 | ng/ul  | 100      |
| 12) 2-Chlorophenol            | 7.340  | 128  | 373778   | 20.913 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.234  | 108  | 371947   | 20.690 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.316  | 45   | 488970   | 19.434 | ng/ul  | 99       |
| 16) Acetophenone              | 8.610  | 105  | 598145   | 21.658 | ng/ul  | 100      |
| 17) N-Nitroso-di-n-propyla... | 8.593  | 70   | 292042   | 21.965 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.563  | 108  | 423576   | 21.558 | ng/ul  | 100      |
| 19) Hexachloroethane          | 8.846  | 117  | 135974   | 19.781 | ng/ul  | 97       |
| 22) Nitrobenzene              | 8.993  | 77   | 440228   | 21.634 | ng/ul  | 99       |
| 23) Isophorone                | 9.516  | 82   | 844528   | 19.833 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.699  | 139  | 229537   | 23.647 | ng/ul  | 99       |
| 26) 2,4-Dimethylphenol        | 9.763  | 107  | 455953   | 21.392 | ng/ul  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 9.998  | 93   | 539429   | 19.796 | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.234 | 162  | 404378   | 22.203 | ng/ul  | 99       |
| 30) Naphthalene               | 10.628 | 128  | 1286458  | 20.182 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.757 | 127  | 583775   | 21.719 | ng/ul  | 99       |
| 33) Hexachlorobutadiene       | 10.904 | 225  | 232999   | 20.564 | ng/ul  | 98       |
| 34) Caprolactam               | 11.551 | 113  | 126481   | 20.410 | ng/ul  | 99       |
| 35) 4-Chloro-3-methylphenol   | 11.887 | 107  | 450376   | 22.506 | ng/ul  | 99       |

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 Sample : SSTDCCC020  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Nov 04 02:53:36 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/08/2022  
 Supervised By :mohammad ahmed 11/14/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.245 | 142  | 911503   | 20.858 | ng/ul | 98       |
| 37) 1-Methylnaphthalene       | 12.463 | 142  | 909556   | 20.841 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.610 | 216  | 487424   | 20.467 | ng/ul | 100      |
| 40) Hexachlorocyclopentadiene | 12.581 | 237  | 232153   | 21.070 | ng/ul | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.863 | 196  | 329614   | 21.653 | ng/ul | 100      |
| 42) 2,4,5-Trichlorophenol     | 12.940 | 196  | 372443   | 22.432 | ng/ul | 100      |
| 43) 1,1'-Biphenyl             | 13.257 | 154  | 1202067  | 20.163 | ng/ul | 100      |
| 44) 2-Chloronaphthalene       | 13.304 | 162  | 962562   | 20.546 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.522 | 65   | 276179   | 25.435 | ng/ul | 97       |
| 47) Dimethylphthalate         | 13.892 | 163  | 1221271  | 20.885 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 14.022 | 165  | 237717   | 24.483 | ng/ul | 96       |
| 50) Acenaphthylene            | 14.151 | 152  | 1466725  | 20.620 | ng/ul | 100      |
| 51) 3-Nitroaniline            | 14.357 | 138  | 256089   | 21.540 | ng/ul | 100      |
| 52) Acenaphthene              | 14.492 | 153  | 1034646  | 20.698 | ng/ul | 99       |
| 53) 2,4-Dinitrophenol         | 14.569 | 184  | 115855   | 17.669 | ng/ul | 94       |
| 55) 4-Nitrophenol             | 14.675 | 109  | 140911   | 17.729 | ng/ul | 94       |
| 56) Dibenzofuran              | 14.834 | 168  | 1451728  | 21.273 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.816 | 165  | 354773   | 24.259 | ng/ul | 93       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.063 | 232  | 319724   | 22.688 | ng/ul | 97       |
| 59) Diethylphthalate          | 15.263 | 149  | 1234062  | 21.688 | ng/ul | 99       |
| 61) Fluorene                  | 15.486 | 166  | 1176453  | 21.696 | ng/ul | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.481 | 204  | 585769   | 22.024 | ng/ul | 98       |
| 63) 4-Nitroaniline            | 15.522 | 138  | 253456m  | 23.597 | ng/ul |          |
| 66) 4,6-Dinitro-2-methylph... | 15.581 | 198  | 158987   | 15.809 | ng/ul | 98       |
| 67) N-Nitrosodiphenylamine    | 15.698 | 169  | 1038924  | 20.347 | ng/ul | 100      |
| 68) 4-Bromophenyl-phenylether | 16.381 | 248  | 382854   | 21.025 | ng/ul | 98       |
| 69) Hexachlorobenzene         | 16.486 | 284  | 453865   | 20.781 | ng/ul | 98       |
| 70) Atrazine                  | 16.663 | 200  | 373153   | 21.096 | ng/ul | 98       |
| 71) Pentachlorophenol         | 16.845 | 266  | 240572   | 17.936 | ng/ul | 99       |
| 72) Phenanthrene              | 17.233 | 178  | 1984159  | 20.717 | ng/ul | 99       |
| 74) Anthracene                | 17.328 | 178  | 1990028  | 20.916 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.222 | 216  | 496812   | 19.157 | ng/uL | 100      |
| 76) Pentachlorobenzene        | 14.745 | 250  | 545564   | 19.922 | ng/uL | 100      |
| 77) Carbazole                 | 17.604 | 167  | 1814385  | 21.411 | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.151 | 149  | 2195313  | 22.299 | ng/ul | 100      |
| 80) Fluoranthene              | 19.210 | 202  | 2345743  | 22.213 | ng/ul | 98       |
| 82) Pyrene                    | 19.563 | 202  | 2430500  | 22.220 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.439 | 149  | 991929   | 24.324 | ng/ul | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.210 | 252  | 684084   | 18.486 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.274 | 228  | 2219037  | 20.417 | ng/ul | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.192 | 149  | 1459279  | 23.402 | ng/ul | 99       |
| 87) Chrysene                  | 21.327 | 228  | 2100978  | 20.678 | ng/ul | 98       |
| 89) Di-n-octyl phthalate      | 22.110 | 149  | 2304452  | 24.882 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 22.939 | 252  | 2050787  | 20.858 | ng/ul | 100      |
| 91) Benzo(k)fluoranthene      | 22.986 | 252  | 2061296  | 21.998 | ng/ul | 100      |
| 93) Benzo(a)pyrene            | 23.562 | 252  | 1759076  | 20.487 | ng/ul | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.139 | 276  | 1949094  | 18.217 | ng/ul | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.151 | 278  | 1739329  | 18.156 | ng/ul | 99       |
| 96) Benzo(g,h,i)perylene      | 26.898 | 276  | 1718150  | 18.166 | ng/ul | 99       |

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

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BNA\_P  
**LabSampleId :**  
SSTDCCC020

**Manual IntegrationsAPPROVED**

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