

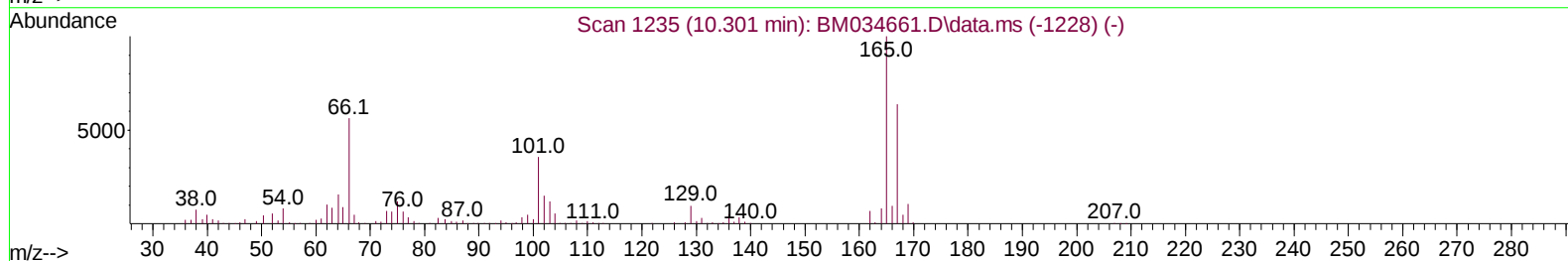
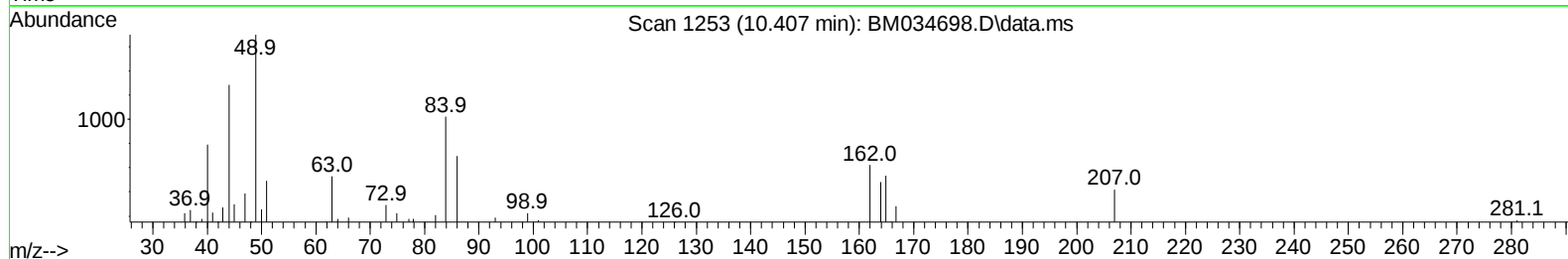
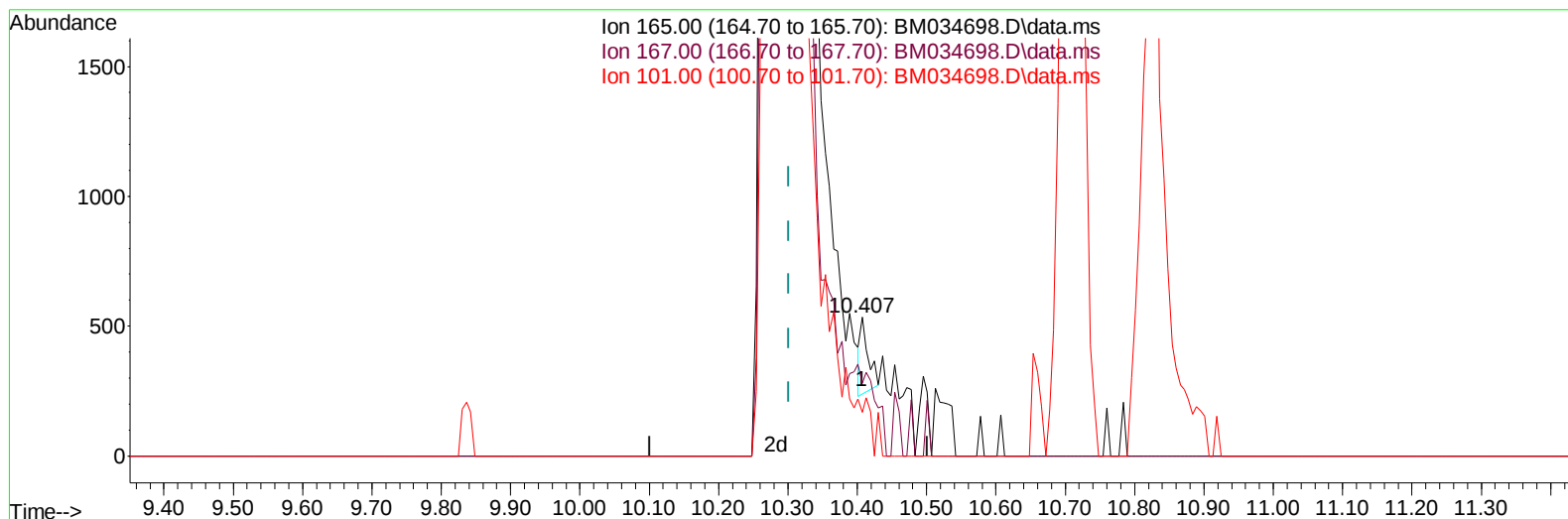
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041522\  
Data File : BM034698.D  
Acq On : 15 Apr 2022 12:42  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 18 05:18:53 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040922.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 14 23:42:00 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/18/2022  
Supervised By :Yogesh Patel 04/18/2022



TIC: BM034698.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.407min (+ 0.106) 0.04 ng/u1

response 231

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 63.20  | 52.43  |
| 101.00 | 30.30  | 31.46  |
| 0.00   | 0.00   | 0.00   |

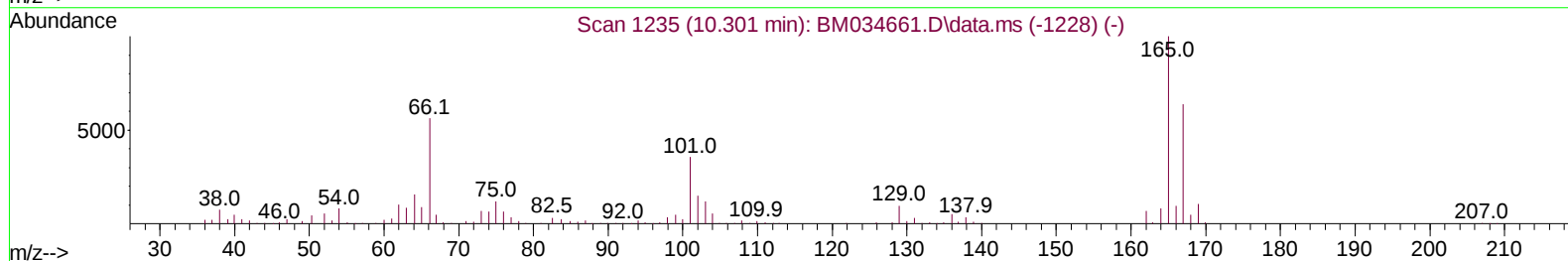
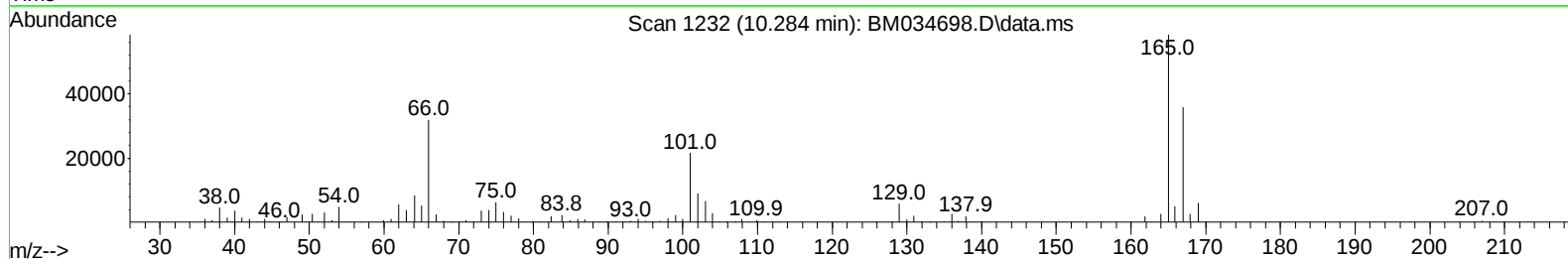
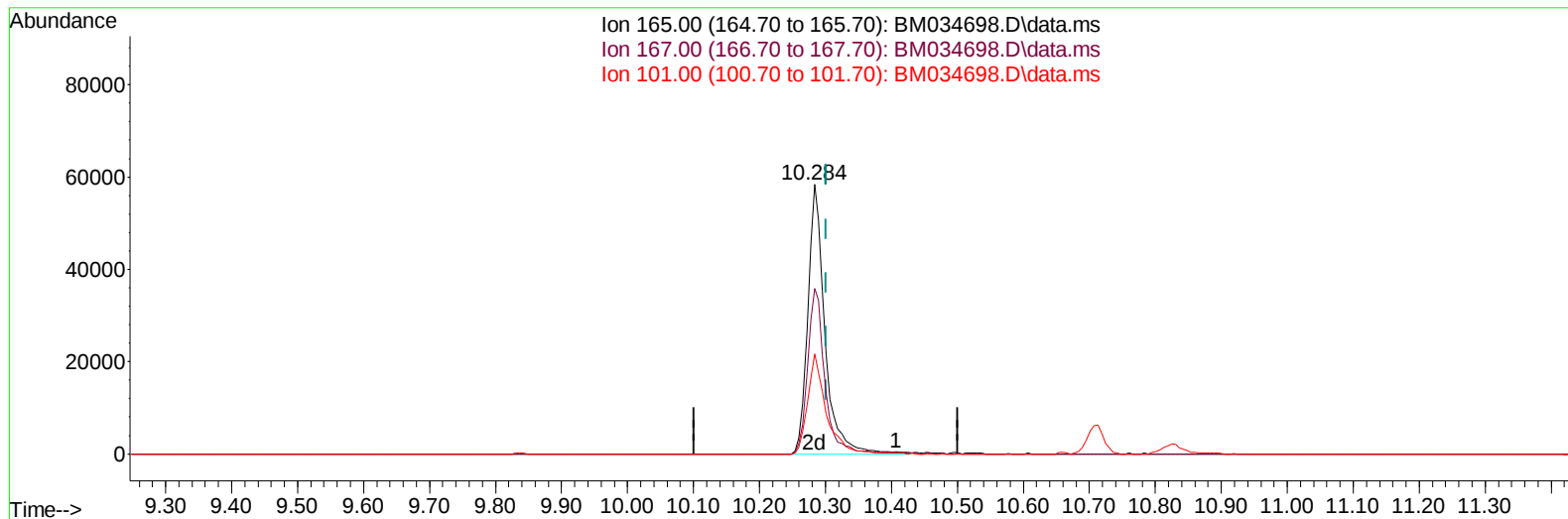
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Data File : BM034698.D  
Acq On : 15 Apr 2022 12:42  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 18 05:18:53 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040922.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 14 23:42:00 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/18/2022  
Supervised By :Yogesh Patel 04/18/2022



TIC: BM034698.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.284min (-0.018) 19.96 ng/ul m

response 105690

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 165.00 | 100.00 | 100.00 |
| 167.00 | 63.20  | 61.32  |
| 101.00 | 30.30  | 37.09# |
| 0.00   | 0.00   | 0.00   |

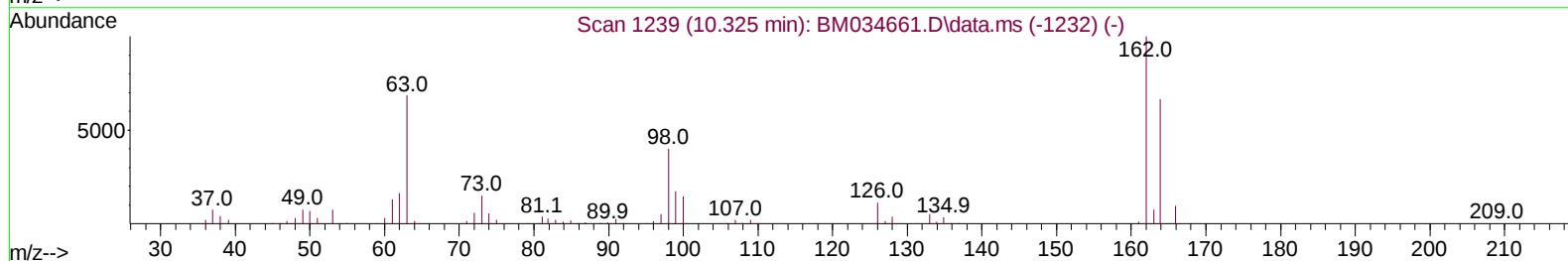
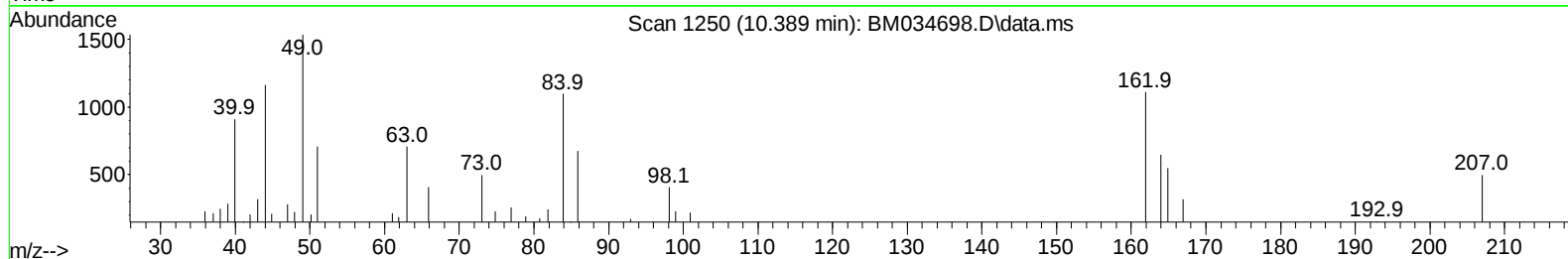
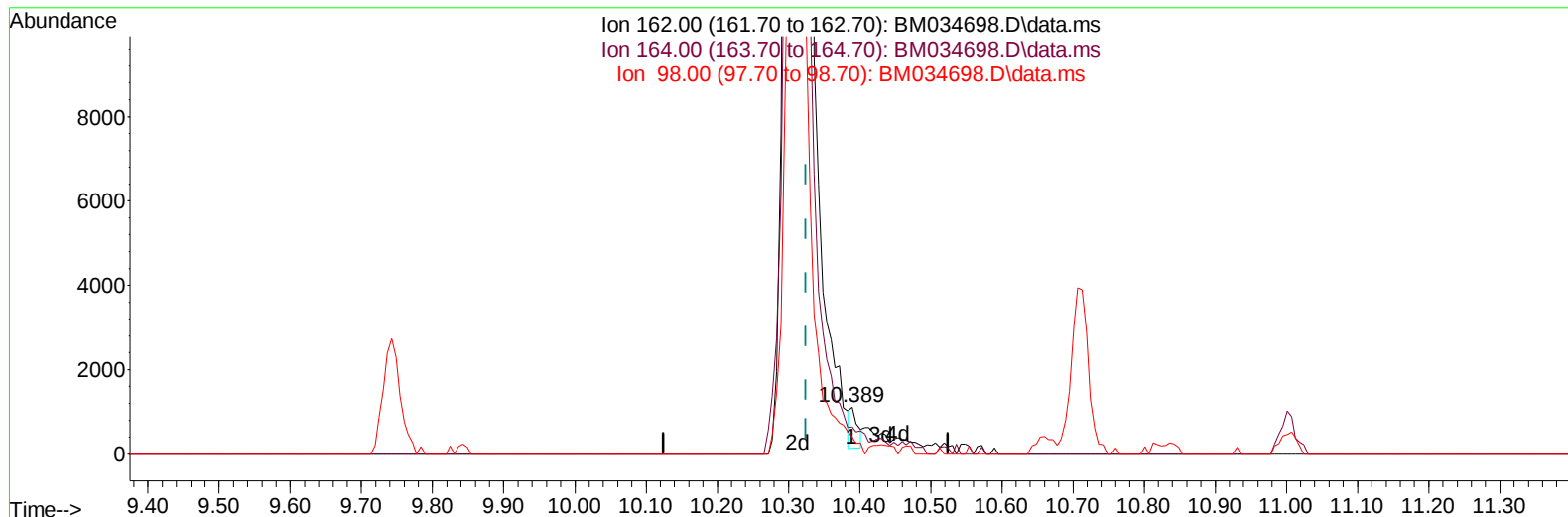
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Data File : BM034698.D  
Acq On : 15 Apr 2022 12:42  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 18 05:18:53 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040922.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 14 23:42:00 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/18/2022  
Supervised By :Yogesh Patel 04/18/2022



TIC: BM034698.D\data.ms

**(29) 2,4-Dichlorophenol (C)**

**10.389min (+ 0.065) 0.14 ng/u1**

**response 706**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 162.00 | 100.00 | 100.00 |
| 164.00 | 66.00  | 58.47  |
| 98.00  | 32.50  | 36.58  |
| 0.00   | 0.00   | 0.00   |

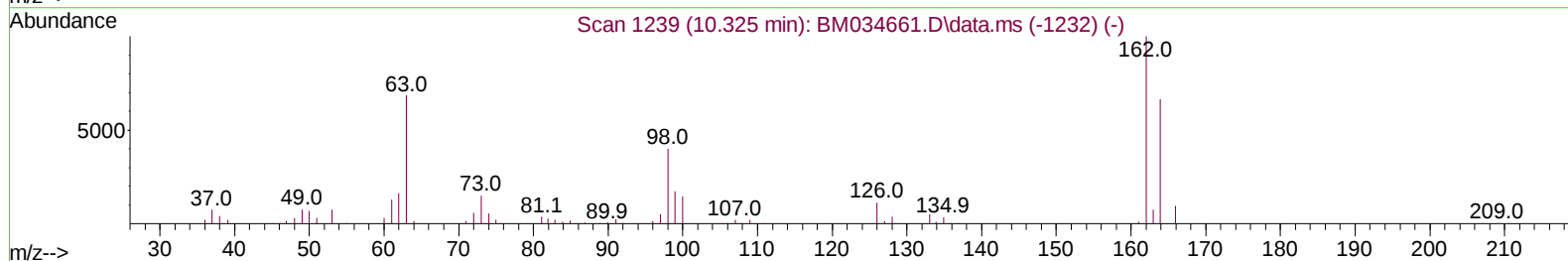
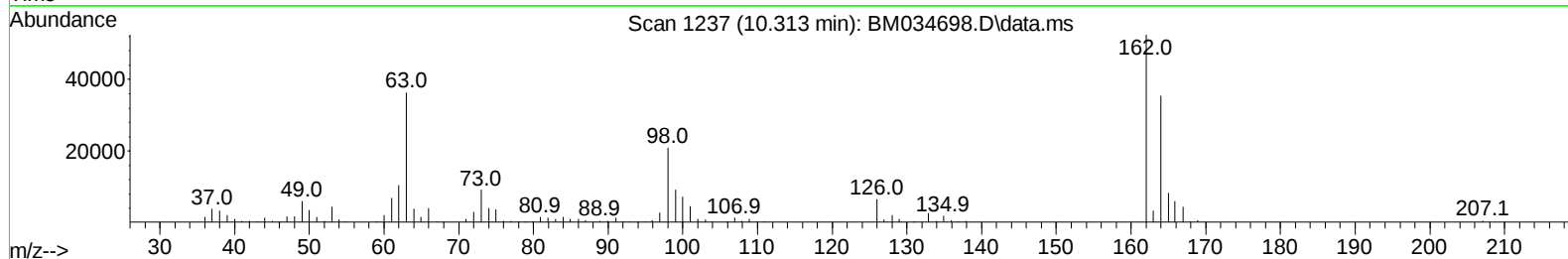
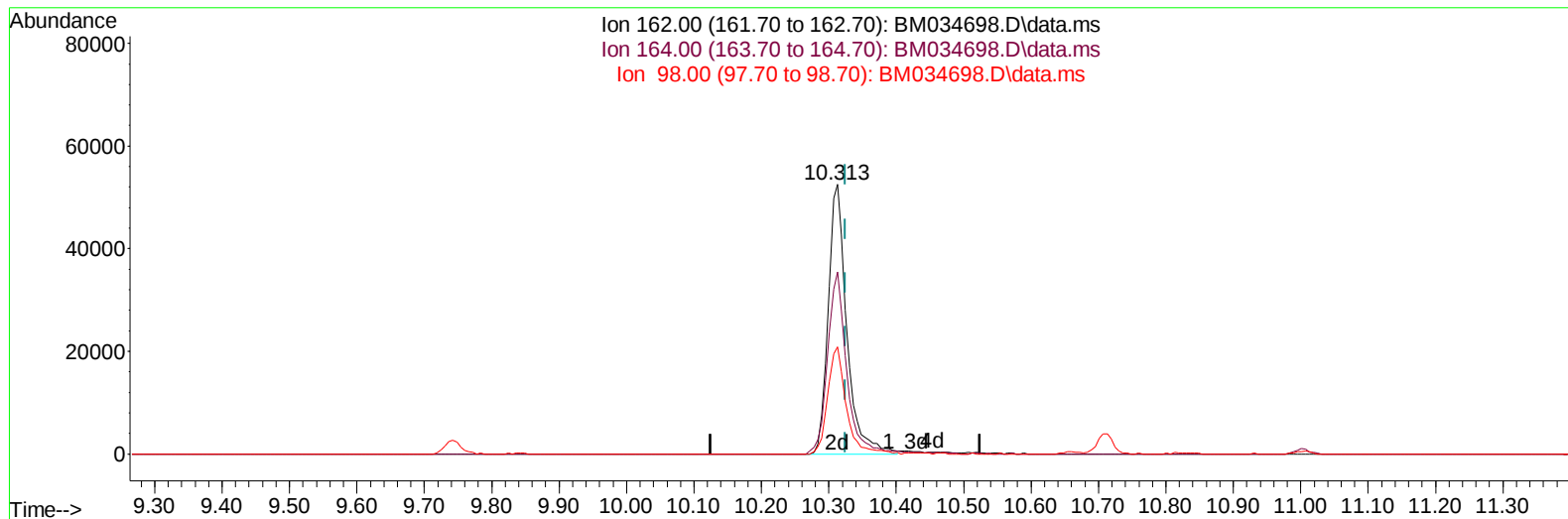
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041522\  
 Data File : BM034698.D  
 Acq On : 15 Apr 2022 12:42  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 18 05:18:53 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040922.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 14 23:42:00 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/18/2022  
 Supervised By :Yogesh Patel 04/18/2022



TIC: BM034698.D\data.ms

**(29) 2,4-Dichlorophenol (C)**

**10.313min (-0.012) 19.17 ng/ul m**

**response 100197**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 162.00 | 100.00 | 100.00 |
| 164.00 | 66.00  | 67.50  |
| 98.00  | 32.50  | 39.69# |
| 0.00   | 0.00   | 0.00   |

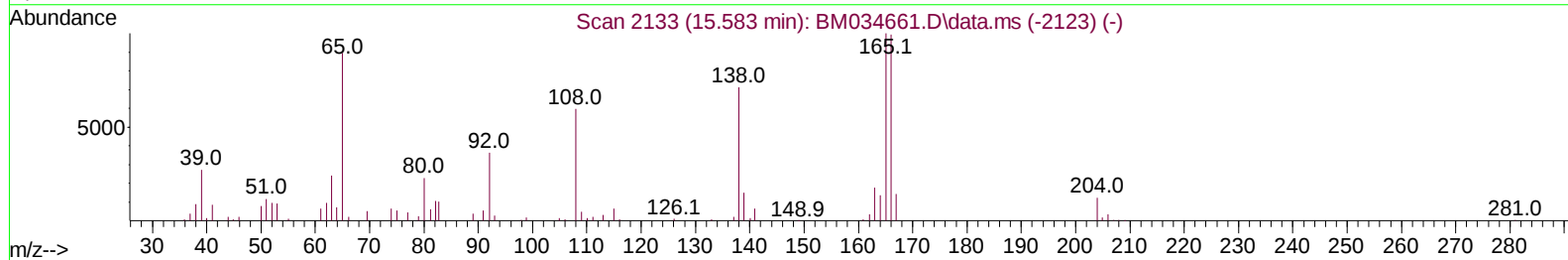
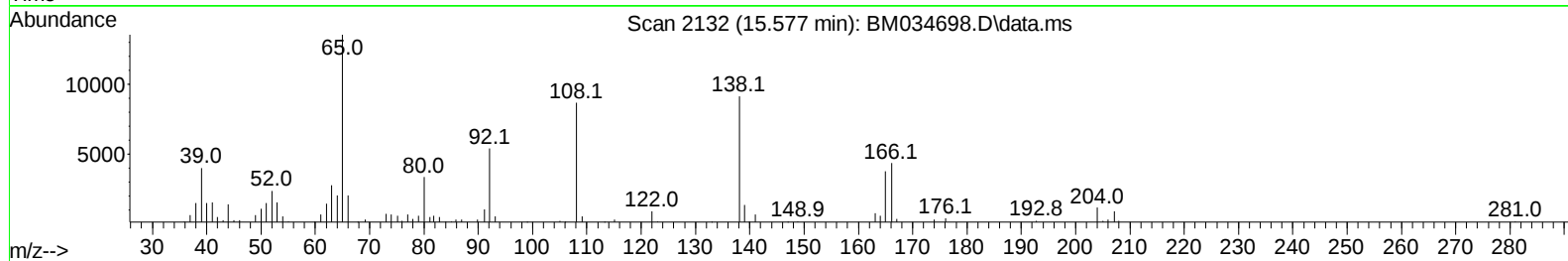
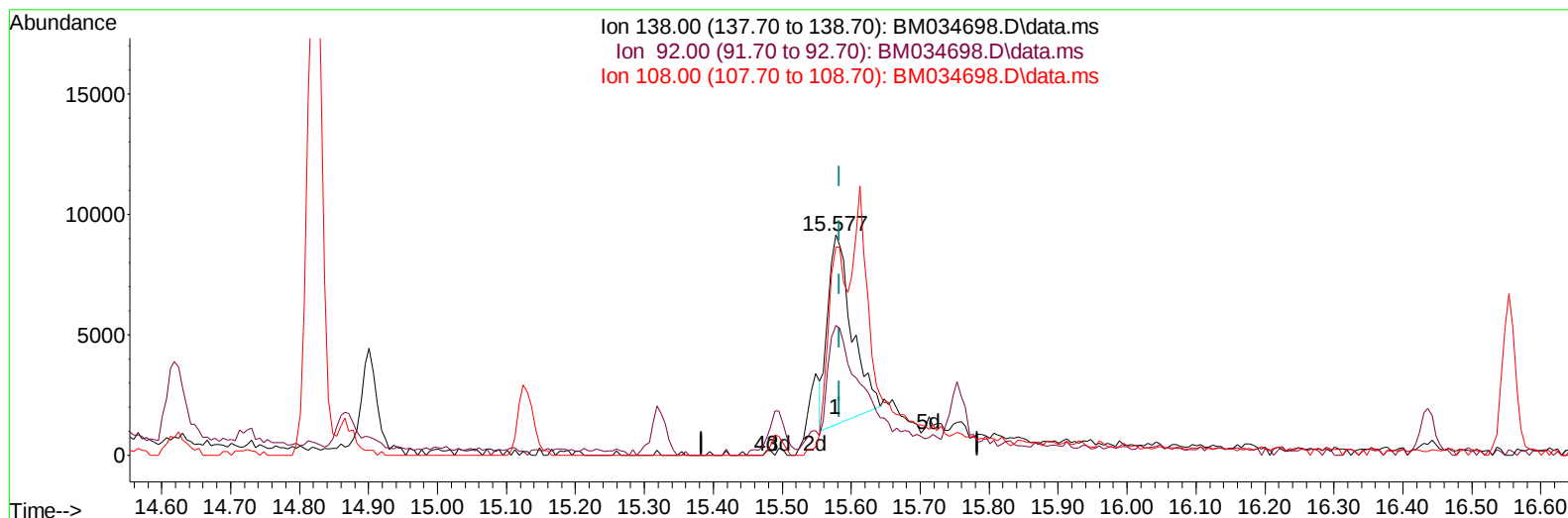
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041522\  
Data File : BM034698.D  
Acq On : 15 Apr 2022 12:42  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 18 05:18:53 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040922.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 14 23:42:00 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/18/2022  
Supervised By :Yogesh Patel 04/18/2022



TIC: BM034698.D\data.ms

**(63) 4-Nitroaniline**

**15.577min (-0.006) 8.38 ng/u1**

**response 19146**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 45.40  | 58.96# |
| 108.00 | 86.10  | 94.67  |
| 0.00   | 0.00   | 0.00   |

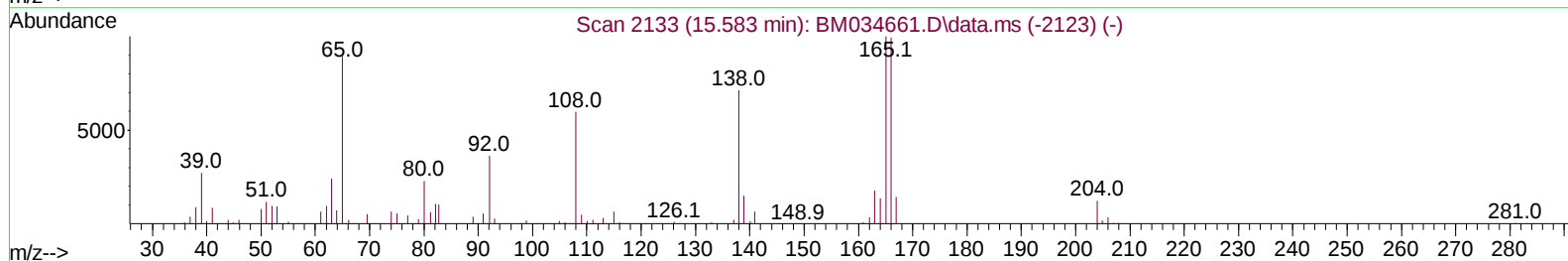
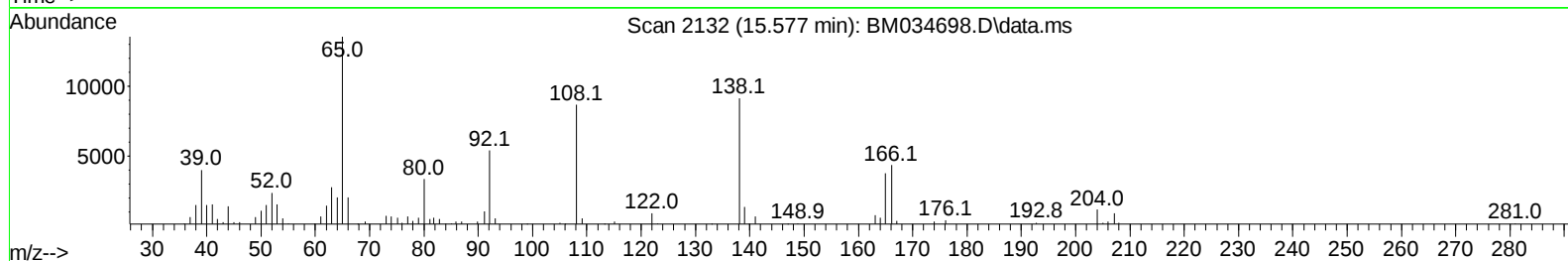
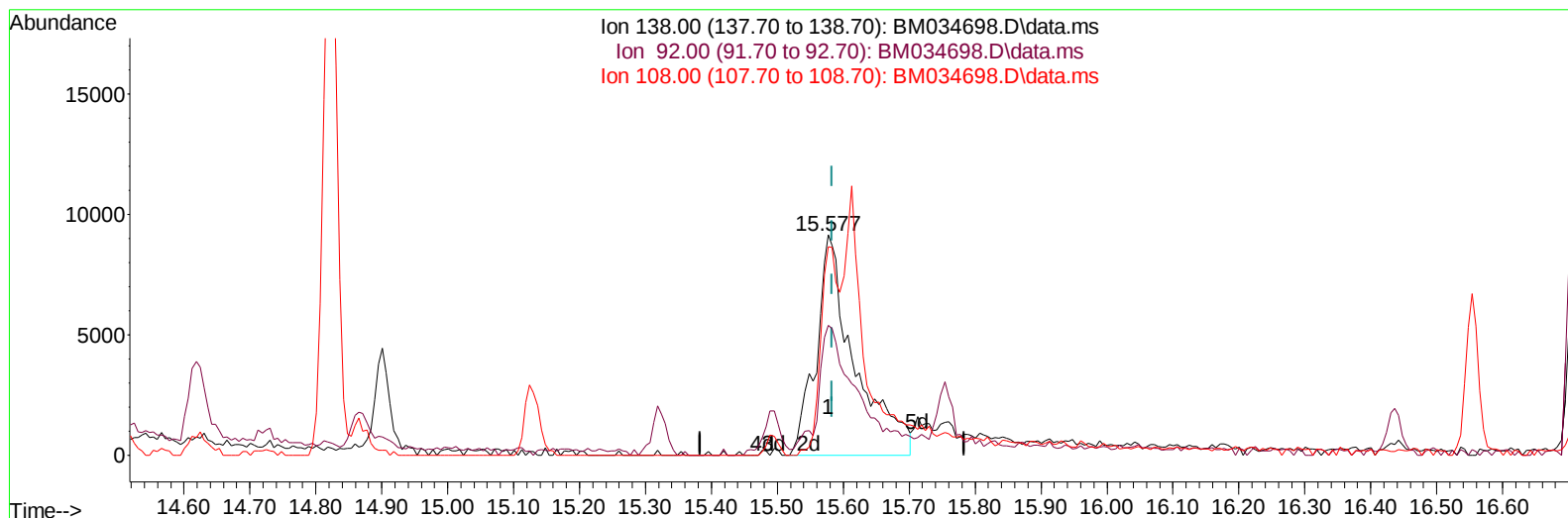
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041522\  
Data File : BM034698.D  
Acq On : 15 Apr 2022 12:42  
Operator : CG/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 18 05:18:53 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040922.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Apr 14 23:42:00 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/18/2022  
Supervised By :Yogesh Patel 04/18/2022



TIC: BM034698.D\data.ms

(63) 4-Nitroaniline

15.577min (-0.006) 16.26 ng/ul m

response 37149

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 45.40  | 58.96# |
| 108.00 | 86.10  | 94.67  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041522\  
 Data File : BM034698.D  
 Acq On : 15 Apr 2022 12:42  
 Operator : CG/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 18 05:18:53 2022  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 14 23:42:00 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/18/2022  
 Supervised By :Yogesh Patel 04/18/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 91644    | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.660 | 136  | 367571   | 20.000 | ng/ul  | #-0.02   |
| 38) Acenaphthene-d10          | 14.501 | 164  | 217274   | 20.000 | ng/ul  | -0.02    |
| 64) Phenanthrene-d10          | 17.242 | 188  | 424920   | 20.000 | ng/ul  | #-0.02   |
| 79) Chrysene-d12              | 21.424 | 240  | 406290   | 20.000 | ng/ul  | #-0.01   |
| 88) Perylene-d12              | 23.794 | 264  | 434154   | 20.000 | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.231  | 96   | 20766    | 8.080  | ng/uL  | -0.02    |
| 4) Pyridine-d5                | 3.660  | 84   | 115529   | 18.627 | ng/ul  | -0.01    |
| 7) Phenol-d5                  | 7.019  | 99   | 141071   | 18.495 | ng/ul  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.178  | 67   | 98155    | 19.311 | ng/ul  | -0.02    |
| 11) 2-Chlorophenol-d4         | 7.384  | 132  | 116727   | 19.796 | ng/ul  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.566  | 113  | 109727   | 18.416 | ng/ul  | -0.02    |
| 21) Nitrobenzene-d5           | 9.013  | 128  | 52514    | 19.439 | ng/ul  | -0.02    |
| 24) 2-Nitrophenol-d4          | 9.742  | 143  | 56841    | 20.210 | ng/ul  | -0.02    |
| 28) 2,4-Dichlorophenol-d3     | 10.284 | 165  | 105690m  | 19.957 | ng/ul  | -0.02    |
| 31) 4-Chloroaniline-d4        | 10.801 | 131  | 126747   | 17.347 | ng/ul  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.913 | 166  | 298758   | 19.030 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 14.195 | 160  | 389308   | 19.293 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.707 | 143  | 33252    | 13.890 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.495 | 176  | 255237   | 18.813 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.613 | 200  | 42061    | 16.215 | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.342 | 188  | 375769   | 18.548 | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.636 | 212  | 437117   | 19.712 | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.641 | 264  | 434761   | 19.908 | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.266  | 88   | 20127    | 7.778  | ng/ul# | 82       |
| 5) Pyridine                   | 3.678  | 79   | 130604   | 19.271 | ng/ul# | 75       |
| 6) Benzaldehyde               | 6.984  | 77   | 99627    | 21.305 | ng/ul  | 91       |
| 8) Phenol                     | 7.043  | 94   | 143801   | 18.662 | ng/ul  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.272  | 93   | 119019   | 19.139 | ng/ul# | 86       |
| 12) 2-Chlorophenol            | 7.413  | 128  | 121549   | 20.222 | ng/ul# | 86       |
| 13) 2-Methylphenol            | 8.301  | 108  | 106004   | 18.609 | ng/ul  | 98       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.390  | 45   | 188536   | 20.277 | ng/ul# | 84       |
| 16) Acetophenone              | 8.678  | 105  | 175039   | 18.821 | ng/ul# | 84       |
| 17) N-Nitroso-di-n-propyla... | 8.660  | 70   | 98371    | 19.872 | ng/ul# | 83       |
| 18) 4-Methylphenol            | 8.631  | 108  | 113235   | 18.686 | ng/ul  | 98       |
| 19) Hexachloroethane          | 8.937  | 117  | 52541    | 19.434 | ng/ul  | 86       |
| 22) Nitrobenzene              | 9.054  | 77   | 140013   | 19.770 | ng/ul  | 91       |
| 23) Isophorone                | 9.584  | 82   | 248140   | 19.731 | ng/ul# | 92       |
| 25) 2-Nitrophenol             | 9.772  | 139  | 60600    | 20.116 | ng/ul# | 89       |
| 26) 2,4-Dimethylphenol        | 9.836  | 107  | 130983   | 19.589 | ng/ul  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 10.072 | 93   | 150327   | 19.867 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.313 | 162  | 100197m  | 19.169 | ng/ul  |          |
| 30) Naphthalene               | 10.707 | 128  | 375256   | 19.610 | ng/ul  | 98       |
| 32) 4-Chloroaniline           | 10.825 | 127  | 125484   | 17.143 | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 11.001 | 225  | 70929    | 19.301 | ng/ul  | 98       |
| 34) Caprolactam               | 11.607 | 113  | 21981    | 12.945 | ng/ul# | 48       |
| 35) 4-Chloro-3-methylphenol   | 11.954 | 107  | 109077   | 20.102 | ng/ul  | 87       |

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

Instrument :  
 BNA\_M  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 18 05:18:53 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM040922.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Apr 14 23:42:00 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/18/2022  
 Supervised By :Yogesh Patel 04/18/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.325 | 142  | 235128   | 19.172 | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.548 | 142  | 246020   | 19.553 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.701 | 216  | 124325   | 19.117 | ng/ul# | 96       |
| 40) Hexachlorocyclopentadiene | 12.677 | 237  | 73312    | 17.178 | ng/ul  | 97       |
| 41) 2,4,6-Trichlorophenol     | 12.936 | 196  | 74183    | 18.777 | ng/ul  | 91       |
| 42) 2,4,5-Trichlorophenol     | 13.013 | 196  | 74048    | 18.087 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.336 | 154  | 312008   | 18.957 | ng/ul# | 97       |
| 44) 2-Chloronaphthalene       | 13.377 | 162  | 243536   | 19.273 | ng/ul  | 96       |
| 45) 2-Nitroaniline            | 13.583 | 65   | 66812    | 19.391 | ng/ul# | 77       |
| 47) Dimethylphthalate         | 13.960 | 163  | 292572   | 18.937 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.077 | 165  | 57876    | 19.499 | ng/ul# | 86       |
| 50) Acenaphthylene            | 14.224 | 152  | 394948   | 19.279 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.413 | 138  | 46567    | 17.945 | ng/ul  | 86       |
| 52) Acenaphthene              | 14.566 | 153  | 260357   | 19.089 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.619 | 184  | 21336    | 12.755 | ng/ul# | 77       |
| 55) 4-Nitrophenol             | 14.719 | 109  | 31164    | 15.245 | ng/ul# | 79       |
| 56) Dibenzofuran              | 14.901 | 168  | 356019   | 19.206 | ng/ul  | 93       |
| 57) 2,4-Dinitrotoluene        | 14.866 | 165  | 79167    | 19.164 | ng/ul# | 69       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.130 | 232  | 65759    | 18.295 | ng/ul# | 88       |
| 59) Diethylphthalate          | 15.318 | 149  | 297112   | 18.933 | ng/ul  | 98       |
| 61) Fluorene                  | 15.548 | 166  | 294258   | 18.815 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.542 | 204  | 141922   | 18.800 | ng/ul  | 93       |
| 63) 4-Nitroaniline            | 15.577 | 138  | 37149m   | 16.258 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.630 | 198  | 41866    | 16.186 | ng/ul# | 84       |
| 67) N-Nitrosodiphenylamine    | 15.754 | 169  | 243137   | 19.206 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.436 | 248  | 82134    | 18.699 | ng/ul# | 91       |
| 69) Hexachlorobenzene         | 16.554 | 284  | 99850    | 18.928 | ng/ul# | 91       |
| 70) Atrazine                  | 16.707 | 200  | 85257    | 17.996 | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.901 | 266  | 55152    | 17.074 | ng/ul  | 96       |
| 72) Phenanthrene              | 17.289 | 178  | 451232   | 19.031 | ng/ul  | 99       |
| 74) Anthracene                | 17.377 | 178  | 449893   | 19.148 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.301 | 216  | 128673   | 19.281 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.824 | 250  | 118749   | 18.961 | ng/uL  | 97       |
| 77) Carbazole                 | 17.654 | 167  | 334063   | 17.188 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.218 | 149  | 446741   | 18.109 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.306 | 202  | 489250   | 19.936 | ng/ul# | 91       |
| 82) Pyrene                    | 19.665 | 202  | 539044   | 20.209 | ng/ul# | 87       |
| 83) Butylbenzylphthalate      | 20.565 | 149  | 192491   | 18.434 | ng/ul# | 85       |
| 84) 3,3'-Dichlorobenzidine    | 21.348 | 252  | 132284   | 18.578 | ng/ul# | 97       |
| 85) Benzo(a)anthracene        | 21.412 | 228  | 456552   | 19.326 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.342 | 149  | 272445   | 17.433 | ng/ul# | 95       |
| 87) Chrysene                  | 21.465 | 228  | 519484   | 20.393 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.253 | 149  | 480275   | 16.617 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.071 | 252  | 501085   | 19.424 | ng/ul# | 98       |
| 91) Benzo(k)fluoranthene      | 23.118 | 252  | 528394   | 19.504 | ng/ul# | 97       |
| 93) Benzo(a)pyrene            | 23.689 | 252  | 531320   | 20.839 | ng/ul# | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.253 | 276  | 544785   | 19.966 | ng/ul# | 94       |
| 95) Dibenzo(a,h)anthracene    | 26.271 | 278  | 417898   | 18.682 | ng/ul# | 96       |
| 96) Benzo(g,h,i)perylene      | 27.012 | 276  | 526006   | 20.084 | ng/ul# | 95       |

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

**Instrument :**

BNA\_M

**LabSampleId :**

SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 04/18/2022  
Supervised By :Yogesh Patel 04/18/2022

