

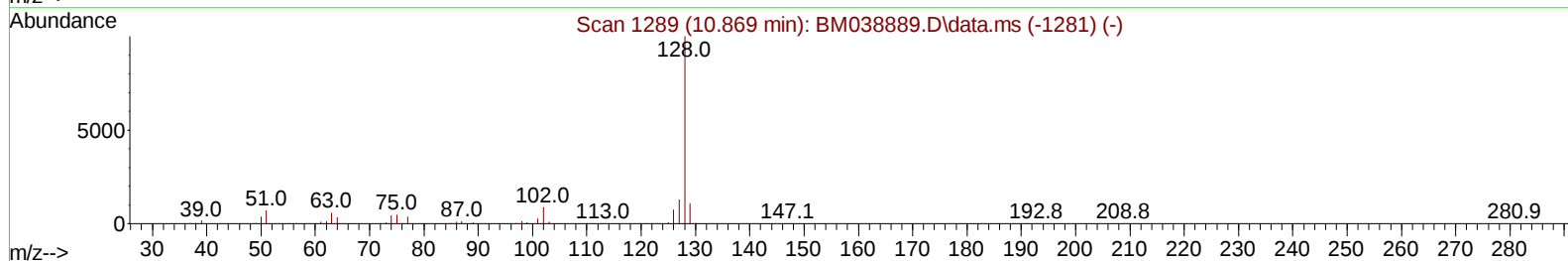
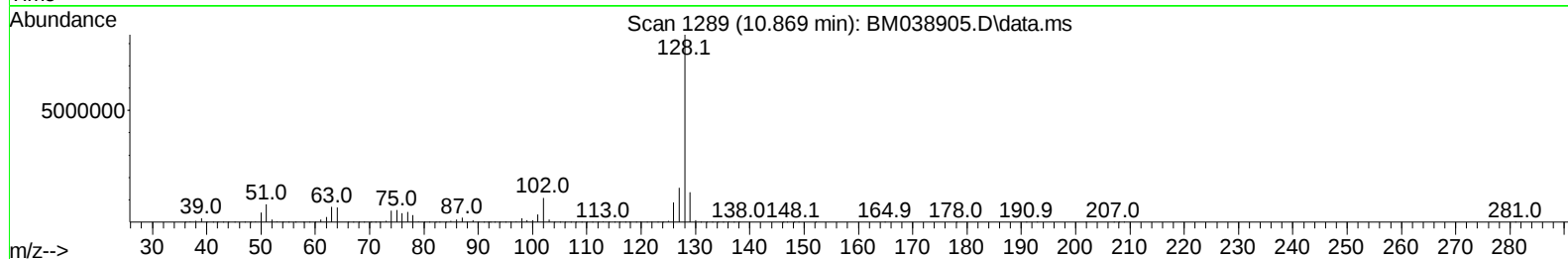
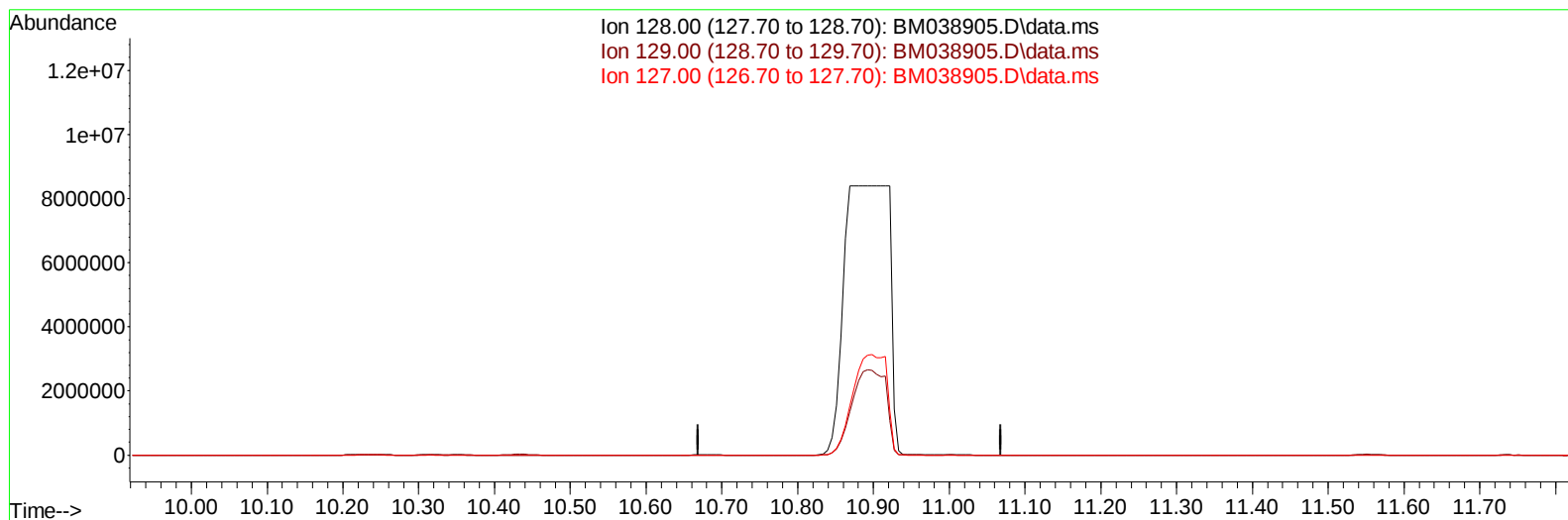
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030723\  
 Data File : BM038905.D  
 Acq On : 07 Mar 2023 21:01  
 Operator : CG/JU  
 Sample : 01746-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCAC1

Manual IntegrationsAPPROVED

Quant Time: Mar 07 21:41:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM022823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 06 23:57:30 2023  
 Response via : Initial Calibration

Reviewed By :Christian Giraldo 03/08/2023  
 Supervised By :Jagrut Upadhyay 03/08/2023



TIC: BM038905.D\data.ms

**(30) Naphthalene**

**10.869min (-10.869) 0.00 ng/u1**

**response 0**

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 128.00 | 100.00 | 0.00  |
| 129.00 | 10.70  | 0.00# |
| 127.00 | 12.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

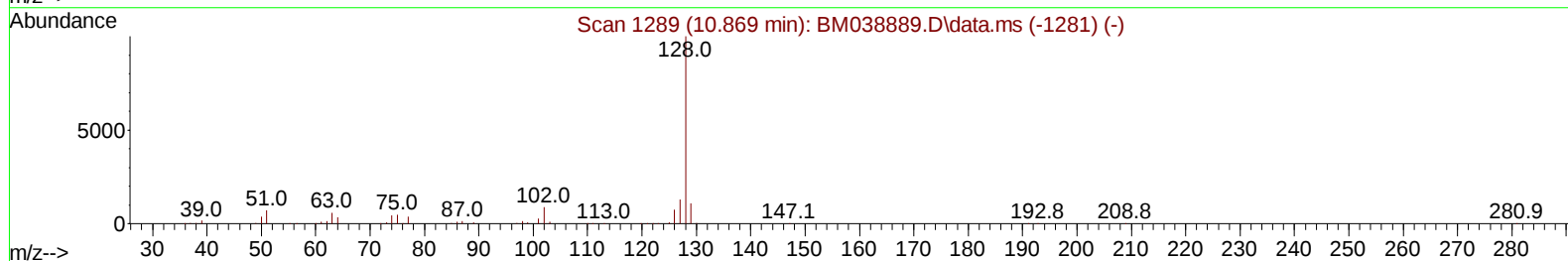
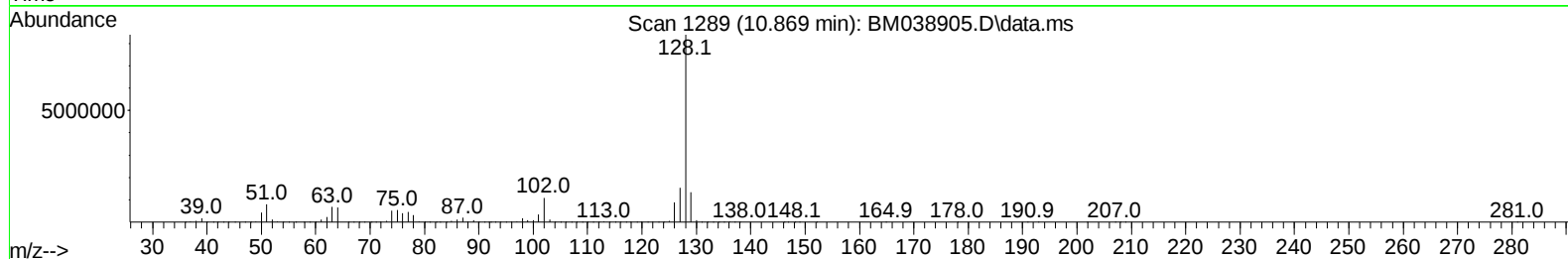
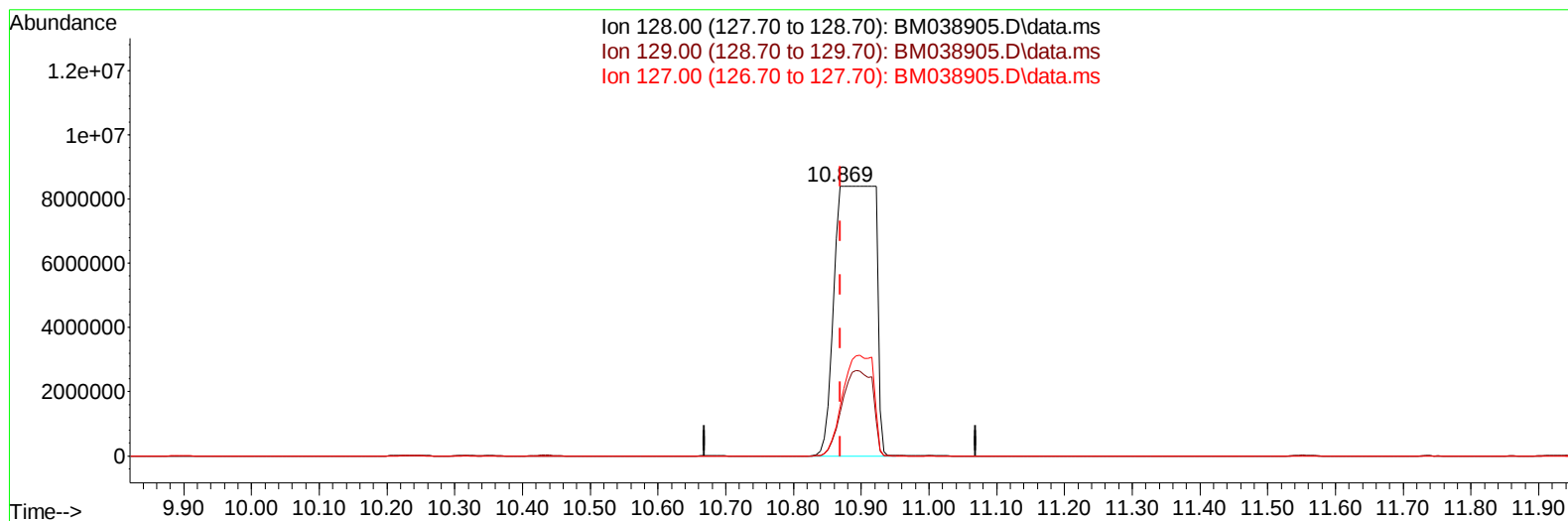
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030723\  
 Data File : BM038905.D  
 Acq On : 07 Mar 2023 21:01  
 Operator : CG/JU  
 Sample : 01746-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCAC1

Manual IntegrationsAPPROVED

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TIC: BM038905.D\data.ms

**(30) Naphthalene**

**10.869min (-0.000) 529.57 ng/ul m**

**response 34659560**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 128.00 | 100.00 | 100.00 |
| 129.00 | 10.70  | 16.10# |
| 127.00 | 12.80  | 18.18# |
| 0.00   | 0.00   | 0.00   |

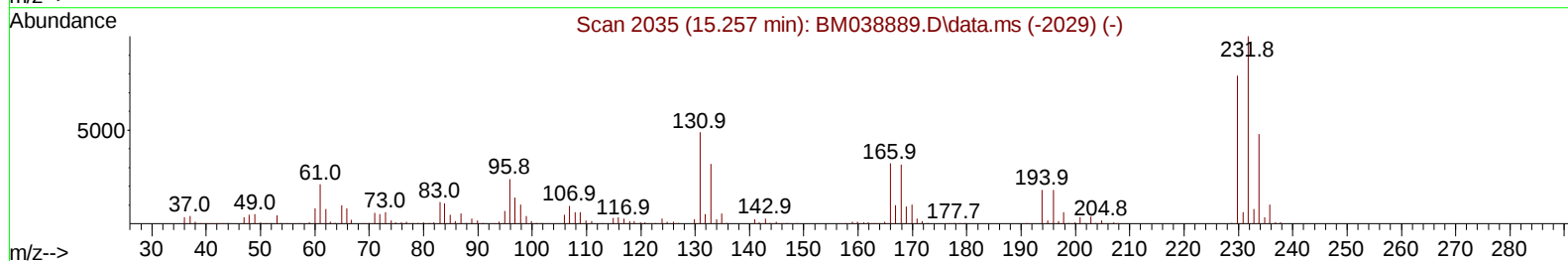
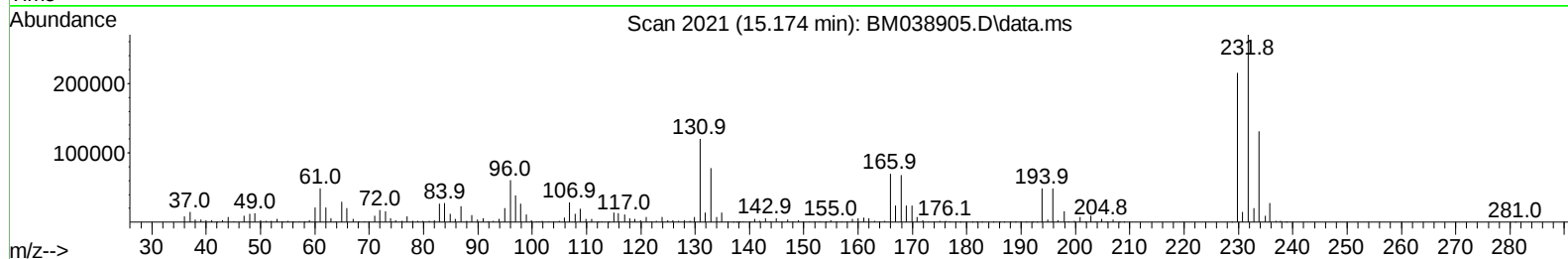
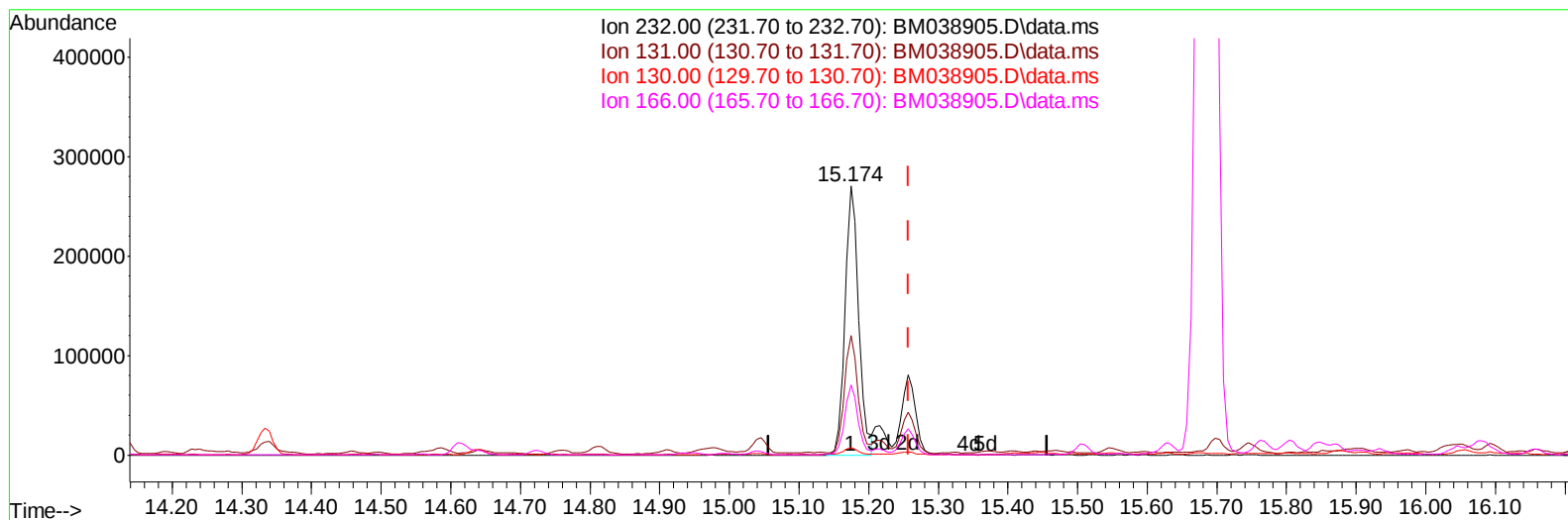
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030723\  
Data File : BM038905.D  
Acq On : 07 Mar 2023 21:01  
Operator : CG/JU  
Sample : 01746-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCAC1

## Manual IntegrationsAPPROVED

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TIC: BM038905.D\data.ms

## (58) 2,3,4,6-Tetrachlorophenol

15.174min (-0.082) 26.84 ng/uI

response 371176

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 232.00 | 100.00 | 100.00 |
| 131.00 | 50.70  | 44.51  |
| 130.00 | 2.50   | 2.83   |
| 166.00 | 32.40  | 25.96  |

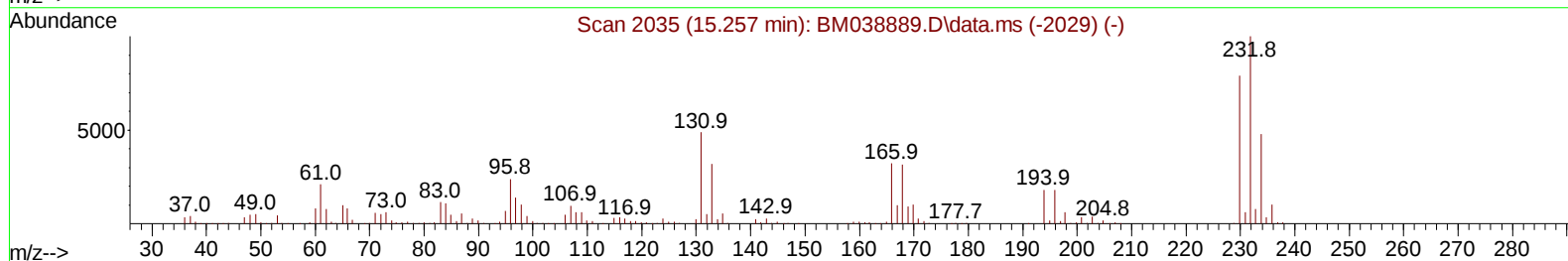
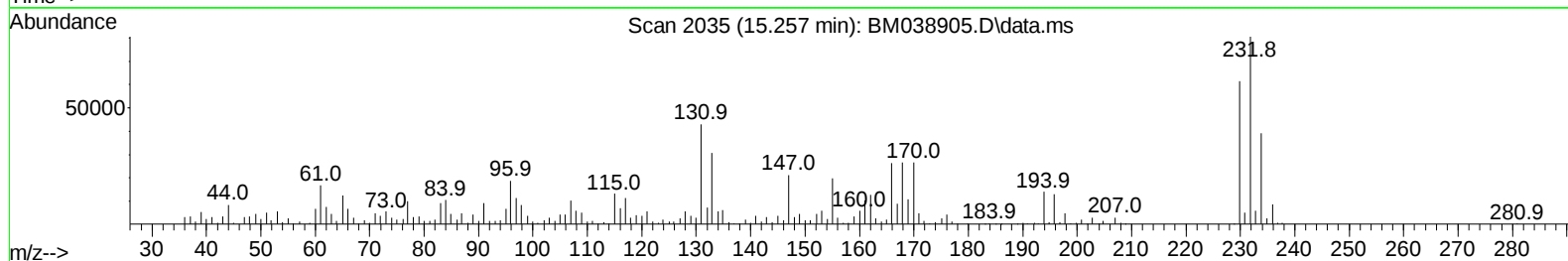
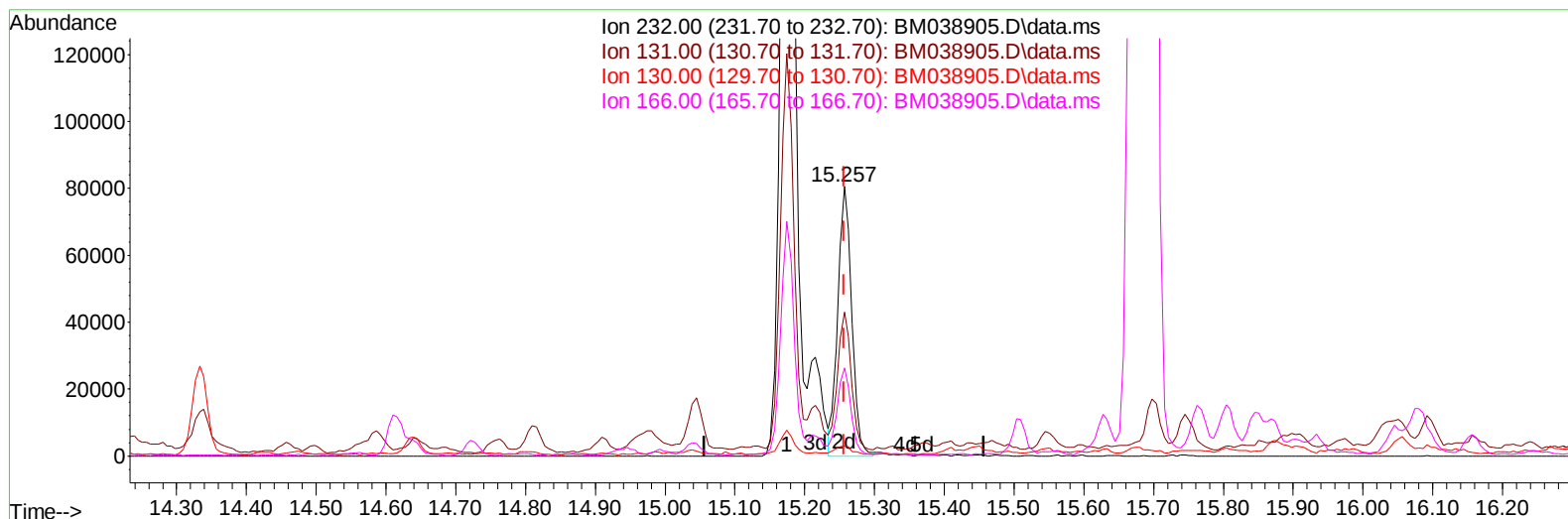
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030723\  
Data File : BM038905.D  
Acq On : 07 Mar 2023 21:01  
Operator : CG/JU  
Sample : 01746-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCAC1

## Manual IntegrationsAPPROVED

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Response via : Initial Calibration



TIC: BM038905.D\data.ms

## (58) 2,3,4,6-Tetrachlorophenol

15.257min (-0.000) 8.18 ng/ul m

response 113123

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 232.00 | 100.00 | 100.00 |
| 131.00 | 50.70  | 53.51  |
| 130.00 | 2.50   | 3.66#  |
| 166.00 | 32.40  | 32.78  |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM030723\  
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 Sample : 01746-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCAC1

Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | Q   | Ion       | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|-----|-----------|----------|---------|--------|----------|
| -----                         |        |     |           |          |         |        |          |
| Internal Standards            |        |     |           |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.004  | 152 |           | 247379   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.828 | 136 |           | 1146982  | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.639 | 164 |           | 764851   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.380 | 188 |           | 1645129  | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.556 | 240 |           | 1553645  | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.009 | 264 |           | 1741518  | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |     |           |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.375  | 96  |           | 31594    | 4.769   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.804  | 84  |           | 216577   | 11.890  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.151  | 99  |           | 143481   | 6.187   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.328  | 67  |           | 502896   | 33.937  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.528  | 132 |           | 447233   | 25.879  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.704  | 113 |           | 286267   | 15.668  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.169  | 128 |           | 318639   | 39.572  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.892  | 143 |           | 298067   | 39.505  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.433 | 165 |           | 534506   | 30.486  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.951 | 131 |           | 746245   | 25.535  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.051 | 166 |           | 2324925  | 39.246  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.333 | 160 |           | 2543851  | 36.740  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.821 | 143 |           | 71603    | 6.038   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.627 | 176 |           | 2021260  | 38.687  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.739 | 200 |           | 437754   | 51.183  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.480 | 188 |           | 3288626  | 40.540  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.768 | 212 |           | 3856875  | 45.135  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.850 | 264 |           | 3833798  | 43.684  | ng/ul  | 0.00     |
| Target Compounds              |        |     |           |          |         |        |          |
|                               |        |     |           |          |         | Qvalue |          |
| 26) 2,4-Dimethylphenol        | 10.016 | 107 |           | 426839   | 19.418  | ng/ul# | 91       |
| 30) Naphthalene               | 10.869 | 128 | 34659560m |          | 529.567 | ng/ul  |          |
| 36) 2-Methylnaphthalene       | 12.480 | 142 |           | 6805106  | 159.295 | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.692 | 142 |           | 4946924  | 114.929 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 13.139 | 196 |           | 116231   | 7.318   | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.480 | 154 |           | 2420776  | 40.127  | ng/ul  | 99       |
| 50) Acenaphthylene            | 14.363 | 152 |           | 762901   | 9.935   | ng/ul  | 98       |
| 52) Acenaphthene              | 14.710 | 153 |           | 7537089  | 142.593 | ng/ul  | 98       |
| 56) Dibenzofuran              | 15.039 | 168 |           | 6918381  | 94.279  | ng/ul  | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.257 | 232 |           | 113123m  | 8.181   | ng/ul  |          |
| 61) Fluorene                  | 15.686 | 166 |           | 3875681  | 62.993  | ng/ul  | 99       |
| 71) Pentachlorophenol         | 17.027 | 266 |           | 460986   | 36.967  | ng/ul  | 98       |
| 72) Phenanthrene              | 17.427 | 178 |           | 4733488  | 49.799  | ng/ul  | 100      |
| 74) Anthracene                | 17.515 | 178 |           | 437179   | 4.517   | ng/ul  | 98       |
| 77) Carbazole                 | 17.792 | 167 | 13966666  |          | 155.404 | ng/ul# | 91       |
| 80) Fluoranthene              | 19.433 | 202 |           | 293370   | 2.985   | ng/ul  | 97       |
| 82) Pyrene                    | 19.798 | 202 |           | 146405   | 1.359   | ng/ul  | 98       |
| -----                         |        |     |           |          |         |        |          |

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

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