

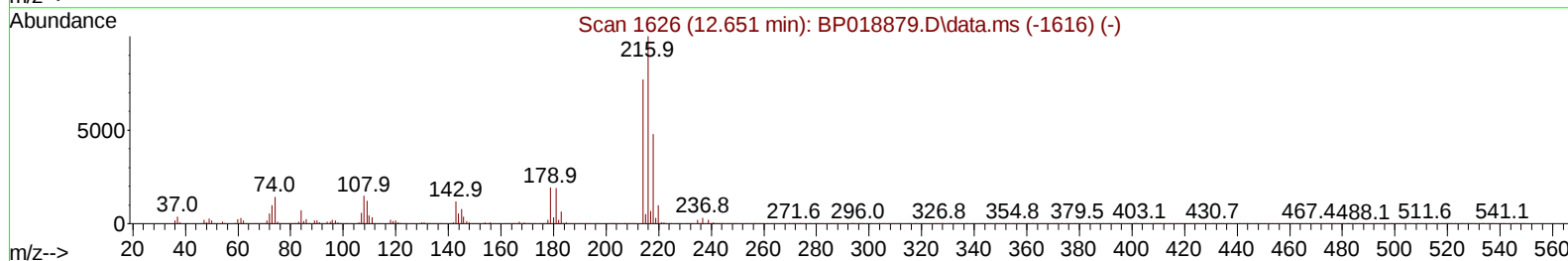
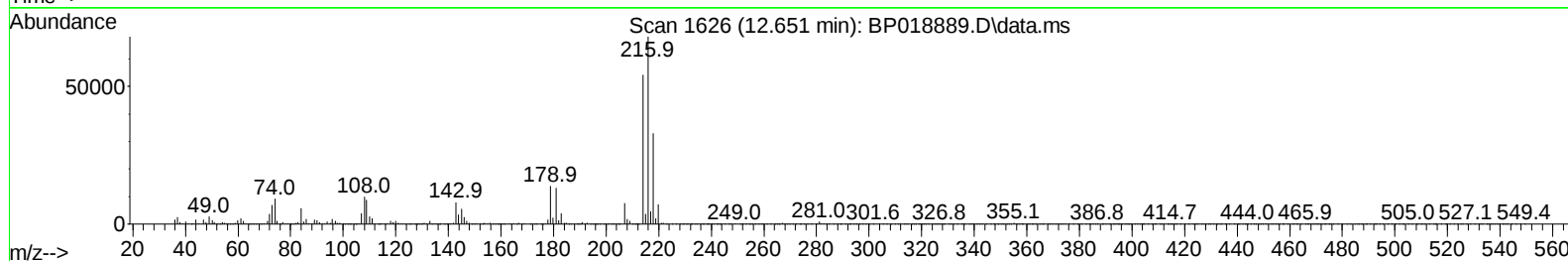
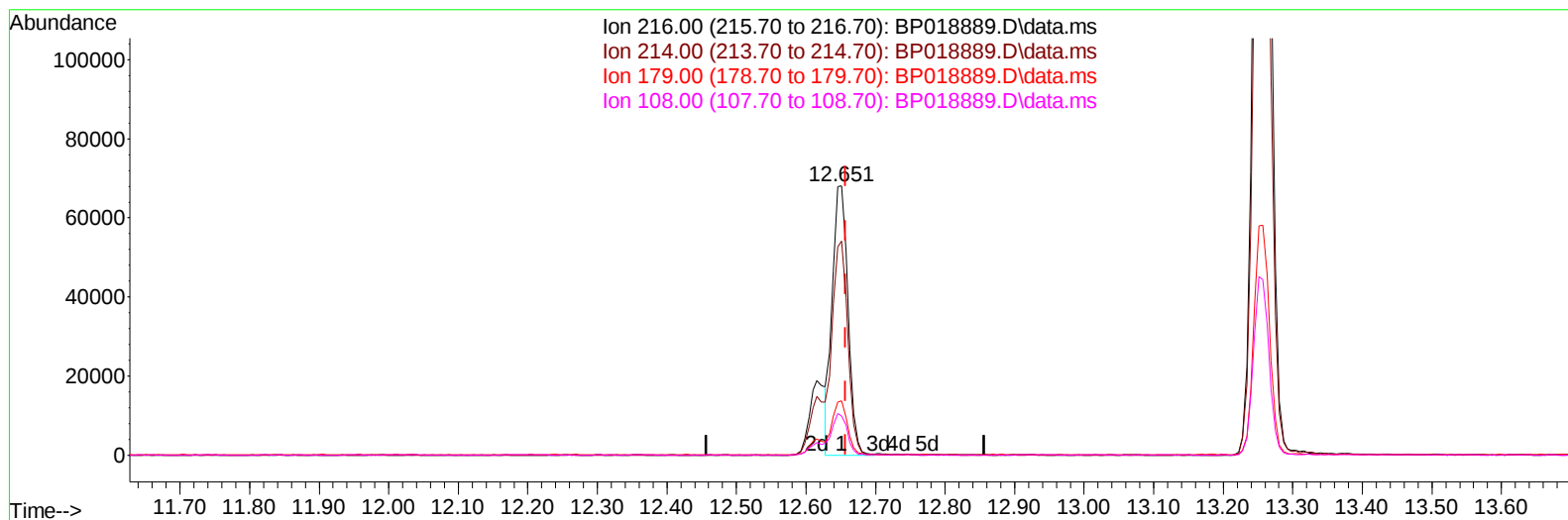
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121523\  
 Data File : BP018889.D  
 Acq On : 15 Dec 2023 20:36  
 Operator : MA/JU  
 Sample : 05646-19DL 5X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AS6DL

Manual IntegrationsAPPROVED

Quant Time: Dec 15 23:24:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 13 23:34:47 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/16/2023  
 Supervised By :mohammad ahmed 12/16/2023



TIC: BP018889.D\data.ms

(39) 1,2,4,5-Tetrachlorobenzene

12.651min (-0.006) 4.27 ng/ul

response 106769

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 216.00 | 100.00 | 100.00 |
| 214.00 | 79.90  | 79.64  |
| 179.00 | 20.40  | 20.23  |
| 108.00 | 15.80  | 14.49  |

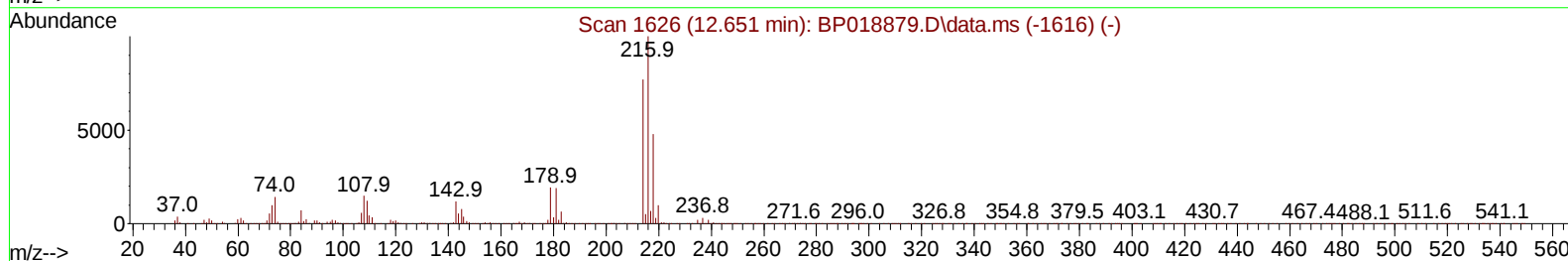
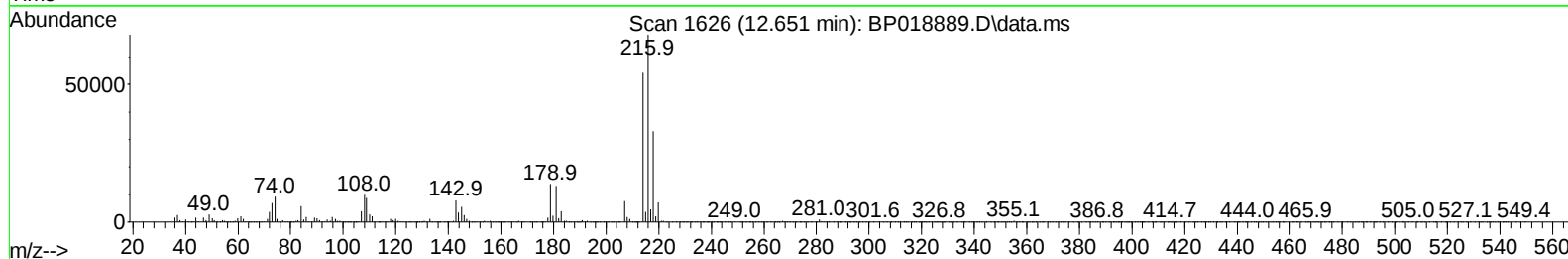
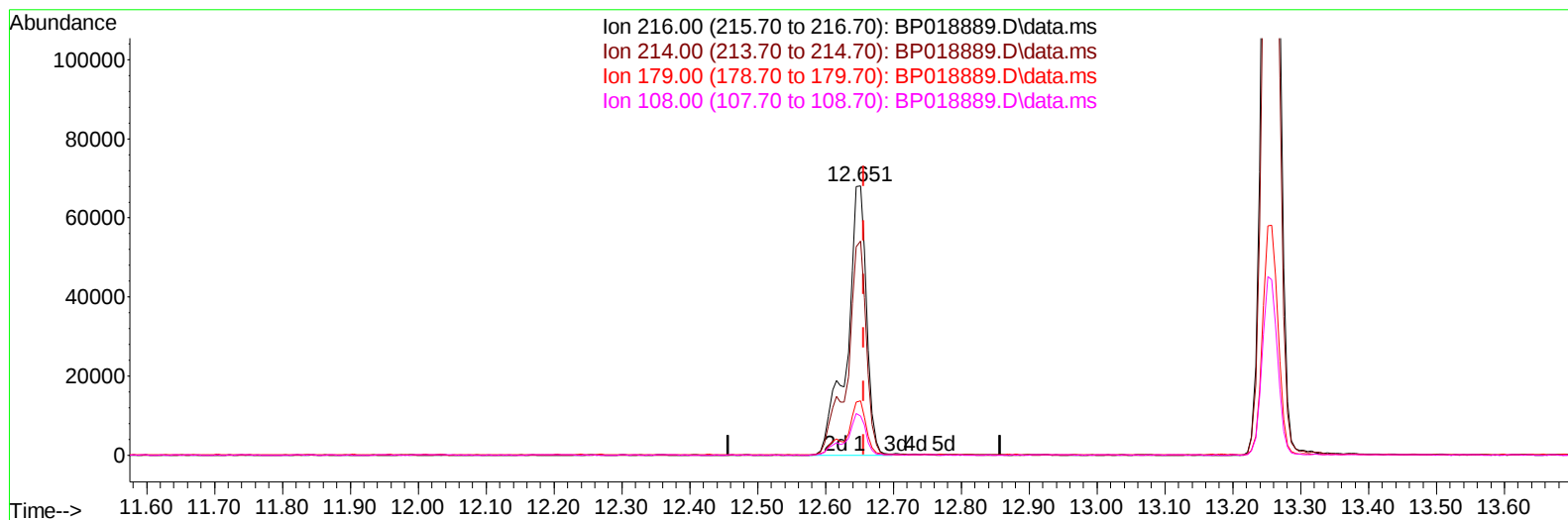
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TIC: BP018889.D\data.ms

(39) 1,2,4,5-Tetrachlorobenzene

12.651min (-0.006) 5.48 ng/ul m

response 136927

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 216.00 | 100.00 | 100.00 |
| 214.00 | 79.90  | 79.64  |
| 179.00 | 20.40  | 20.23  |
| 108.00 | 15.80  | 14.49  |

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 BNA\_P  
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## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/16/2023  
 Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 15 23:39:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 13 23:34:47 2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.828  | 152  | 293742   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.622 | 136  | 1120278  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.457 | 164  | 688697   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 1488666  | 20.000 | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.298 | 240  | 1349661  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.657 | 264  | 1545605  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.258  | 96   | 7957     | 0.923  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.681  | 84   | 81049    | 3.510  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.999  | 99   | 117596   | 3.989  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.163  | 67   | 78973    | 4.520  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.357  | 132  | 93145    | 4.049  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.540  | 113  | 91563    | 3.838  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.993  | 128  | 36314    | 3.642  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.710  | 143  | 32730    | 3.166  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.246 | 165  | 86783    | 4.106  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.763 | 131  | 120439   | 4.360  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.875 | 166  | 294997   | 4.799  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.151 | 160  | 317733   | 4.694  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.675 | 143  | 21597    | 2.141  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.451 | 176  | 269426   | 5.222  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.569 | 200  | 17275    | 1.935  | ng/ul  | -0.01    |
| 73) Anthracene-d10            | 17.304 | 188  | 389084   | 4.972  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.539 | 212  | 454801   | 4.329  | ng/ul  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.498 | 264  | 433371   | 4.809  | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 18) 4-Methylphenol            | 8.599  | 108  | 24627    | 1.019  | ng/ul  | 86       |
| 39) 1,2,4,5-Tetrachloroben... | 12.651 | 216  | 136927m  | 5.480  | ng/ul  |          |
| 75) 1,2,3,4-Tetrachloroben... | 13.257 | 216  | 445566   | 17.310 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.775 | 250  | 43519    | 1.721  | ng/uL  | 98       |
| -----                         |        |      |          |        |        |          |

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

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