

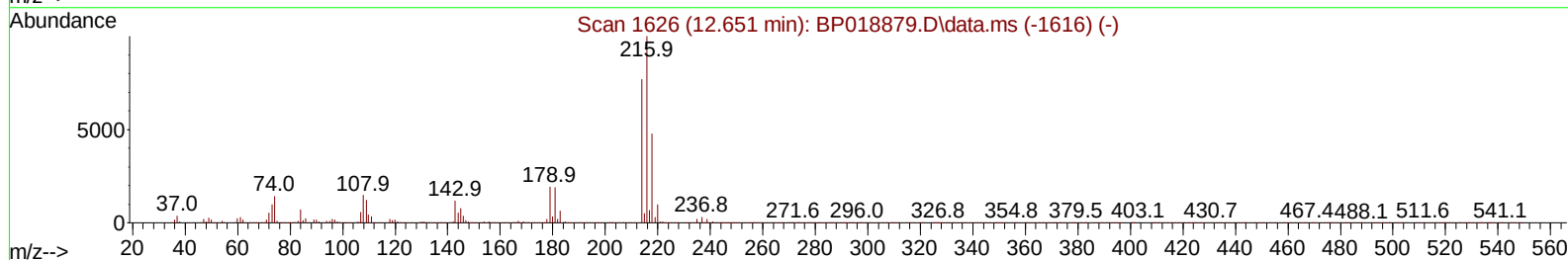
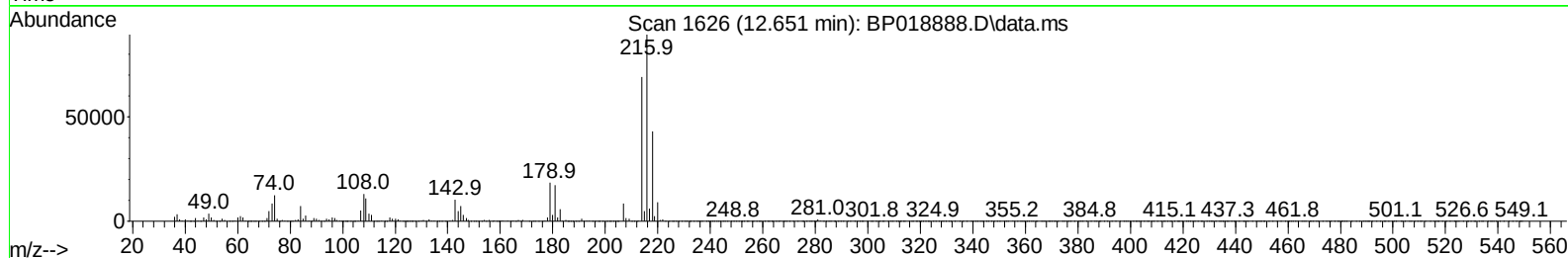
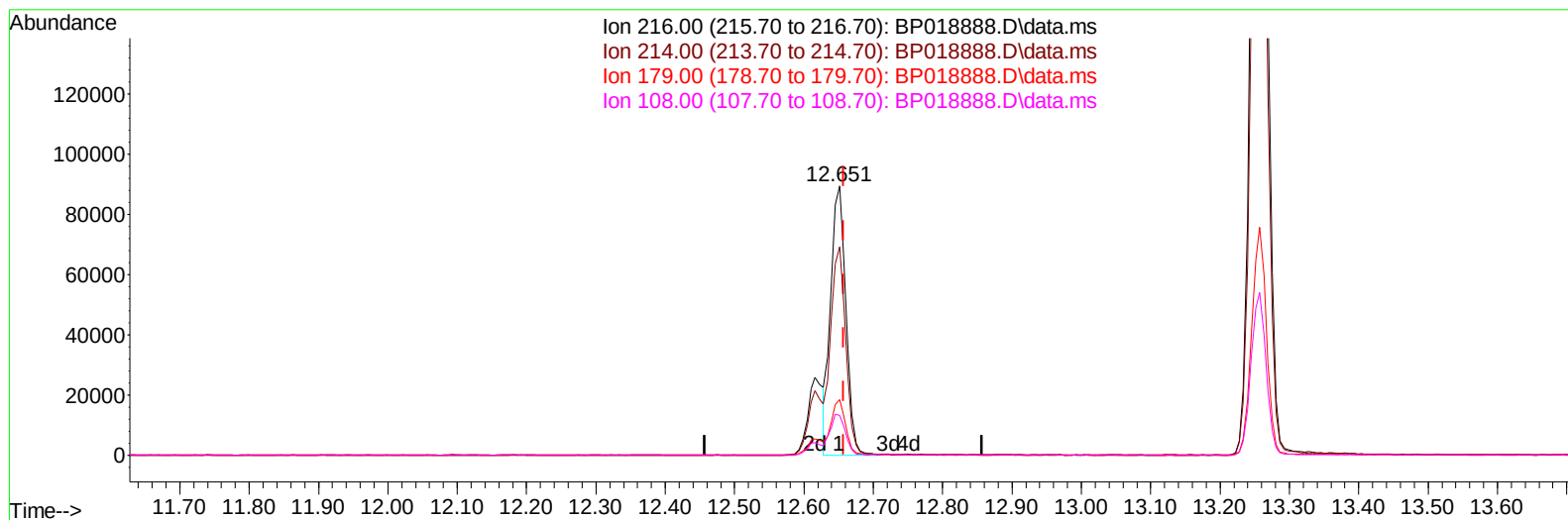
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121523\  
 Data File : BP018888.D  
 Acq On : 15 Dec 2023 20:02  
 Operator : MA/JU  
 Sample : 05646-15DL2 30X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0AS2DL2

## Manual IntegrationsAPPROVED

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

Quant Time: Dec 15 23:24:29 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



TIC: BP018888.D\data.ms

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

12.651min (-0.006) 7.18 ng/ul

response 136045

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 216.00 | 100.00 | 100.00 |
| 214.00 | 79.90  | 77.36  |
| 179.00 | 20.40  | 20.73  |
| 108.00 | 15.80  | 14.68  |

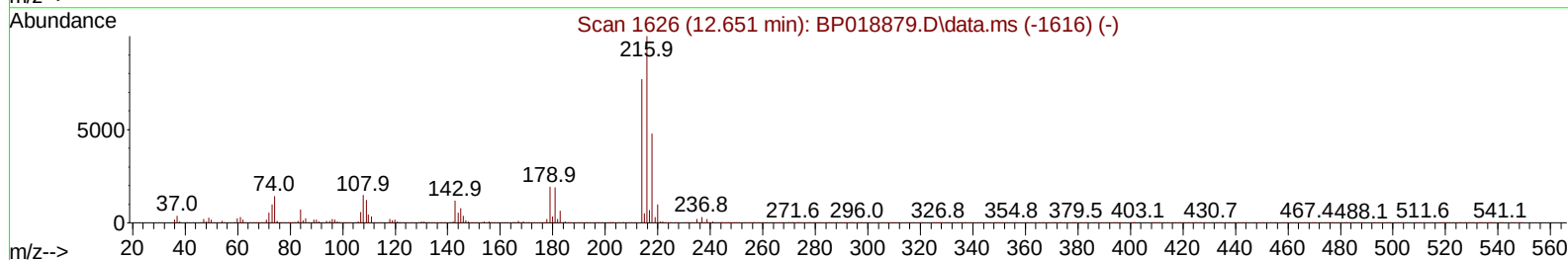
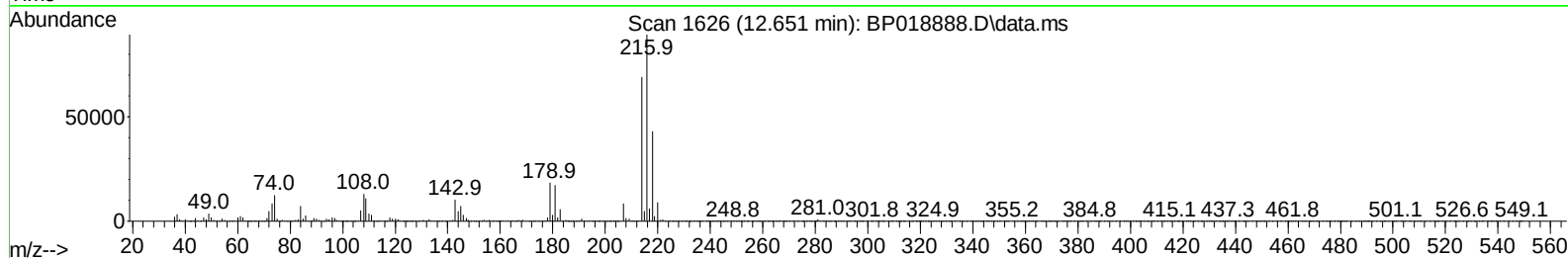
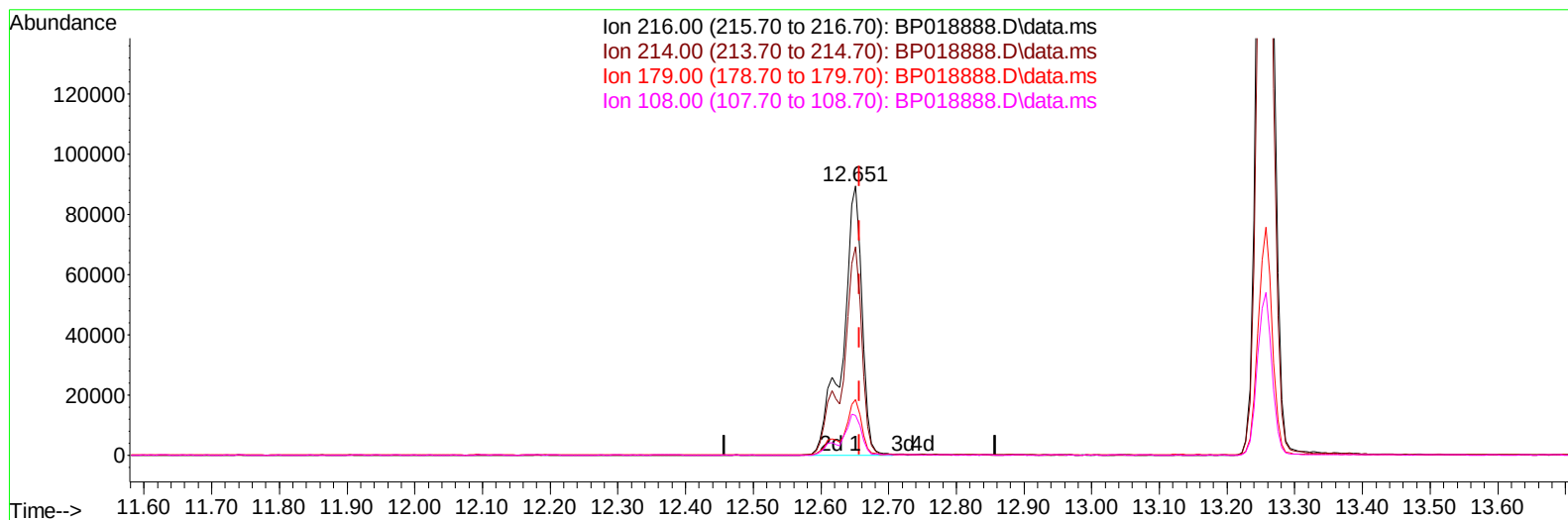
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TIC: BP018888.D\data.ms

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

12.651min (-0.006) 9.29 ng/ul m

response 175950

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 216.00 | 100.00 | 100.00 |
| 214.00 | 79.90  | 77.36  |
| 179.00 | 20.40  | 20.73  |
| 108.00 | 15.80  | 14.68  |

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Reviewed By :Yogesh Patel 12/16/2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.834  | 152  | 256792   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.622 | 136  | 934899   | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.457 | 164  | 521989   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 1094861  | 20.000 | ng/ul | -0.01    |
| 79) Chrysene-d12              | 21.292 | 240  | 1187791  | 20.000 | ng/ul | -0.01    |
| 88) Perylene-d12              | 23.651 | 264  | 1428052  | 20.000 | ng/ul | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.000  | ng/uL |          |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/ul |          |
| 7) Phenol-d5                  | 6.999  | 99   | 19322    | 0.750  | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.169  | 67   | 14052    | 0.920  | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.363  | 132  | 16035    | 0.797  | ng/ul | 0.00     |
| 15) 4-Methylphenol-d8         | 8.540  | 113  | 14840    | 0.712  | ng/ul | 0.00     |
| 21) Nitrobenzene-d5           | 8.987  | 128  | 5868     | 0.705  | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.710  | 143  | 4409     | 0.511  | ng/ul | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.251 | 165  | 13742    | 0.779  | ng/ul | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.769 | 131  | 18952    | 0.822  | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 13.875 | 166  | 38289    | 0.822  | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.151 | 160  | 42340    | 0.825  | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/ul |          |
| 60) Fluorene-d10              | 15.451 | 176  | 38547    | 0.986  | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/ul |          |
| 73) Anthracene-d10            | 17.304 | 188  | 56220    | 0.977  | ng/ul | 0.00     |
| 81) Pyrene-d10                | 19.539 | 212  | 71351    | 0.772  | ng/ul | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.498 | 264  | 72872    | 0.875  | ng/ul | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 39) 1,2,4,5-Tetrachloroben... | 12.651 | 216  | 175950m  | 9.291  | ng/ul |          |
| 75) 1,2,3,4-Tetrachloroben... | 13.257 | 216  | 531991   | 28.101 | ng/uL | 99       |
| 76) Pentachlorobenzene        | 14.775 | 250  | 59143    | 3.180  | ng/uL | 98       |
| -----                         |        |      |          |        |       |          |

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

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