

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020525\  
 Data File : BP023948.D  
 Acq On : 05 Feb 2025 23:08  
 Operator : RC/JU  
 Sample : Q1226-17  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCZN8

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 02/07/2025  
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 06 07:49:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012925.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Feb 03 11:19:36 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 438959   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.546 | 136  | 1878860  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.392 | 164  | 1157804  | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.175 | 188  | 2206377  | 20.000 | ng/u1  | -0.01    |
| 79) Chrysene-d12              | 21.610 | 240  | 2038984  | 20.000 | ng/u1  | -0.03    |
| 88) Perylene-d12              | 24.980 | 264  | 2135963  | 20.000 | ng/u1  | -0.03    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.293  | 96   | 49874    | 4.721  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.705  | 84   | 288194   | 9.453  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.952  | 99   | 293228   | 7.548  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.105  | 67   | 605785   | 29.461 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.316  | 132  | 788634   | 25.852 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.475  | 113  | 560750   | 17.671 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.916  | 128  | 426181   | 28.351 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.634  | 143  | 441412   | 27.214 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.175 | 165  | 801789   | 26.946 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.675 | 131  | 1180833  | 26.536 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.793 | 166  | 2618057  | 30.315 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.081 | 160  | 2990491  | 30.702 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.604 | 143  | 107879   | 6.290  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.392 | 176  | 2326333  | 31.987 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 200  | 338593m  | 24.875 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.281 | 188  | 3792706  | 35.010 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.645 | 212  | 4145437  | 37.944 | ng/u1  | -0.02    |
| 92) Benzo(a)pyrene-d12        | 24.745 | 264  | 4094339  | 36.739 | ng/u1  | -0.03    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 58) 2,3,4,6-Tetrachlorophenol | 15.022 | 232  | 58352    | 2.783  | ng/u1# | 94       |
| 71) Pentachlorophenol         | 16.828 | 266  | 257446   | 13.877 | ng/u1  | 98       |
| -----                         |        |      |          |        |        |          |

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

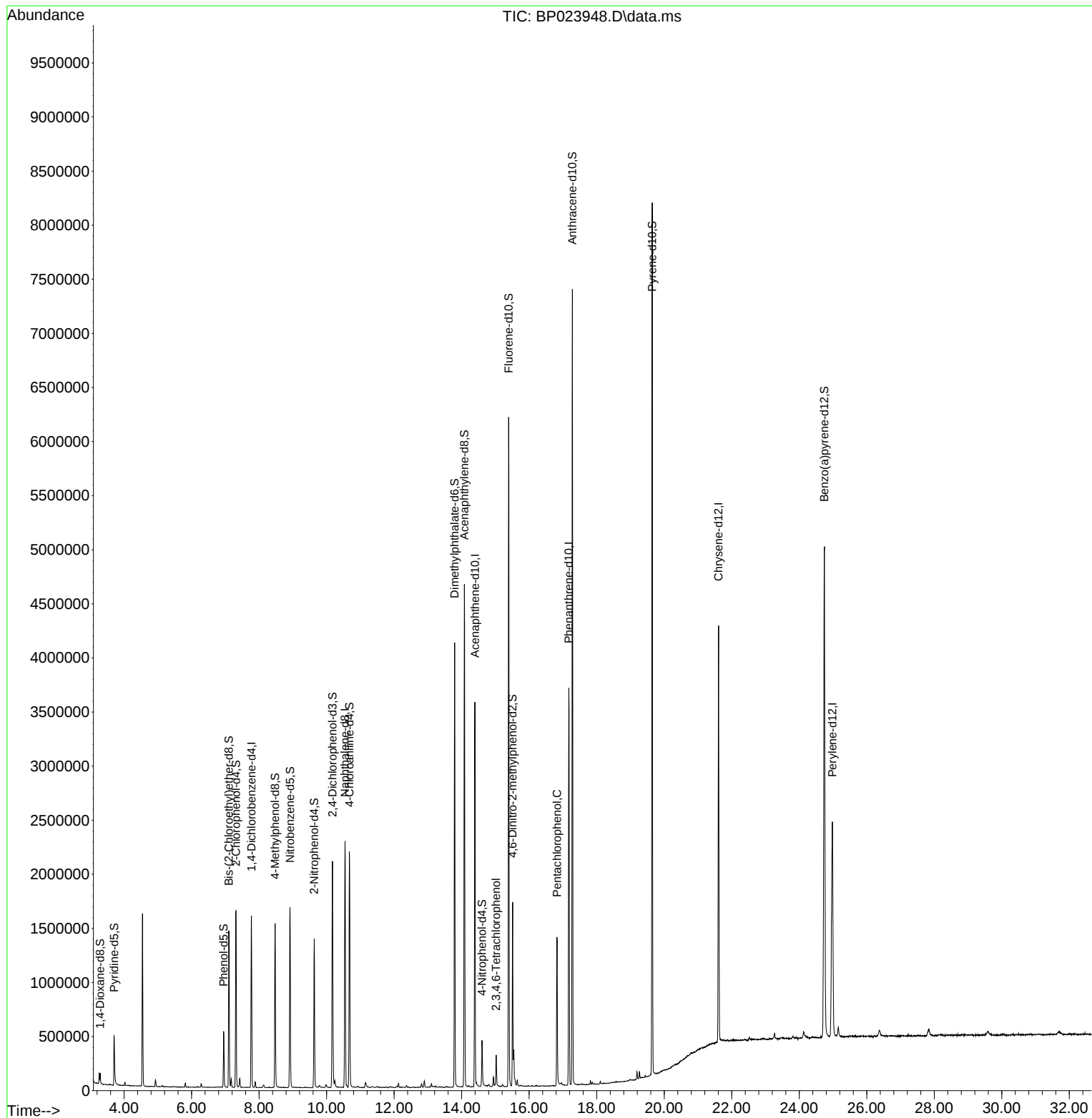
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020525\  
Data File : BP023948.D  
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Sample : Q1226-17  
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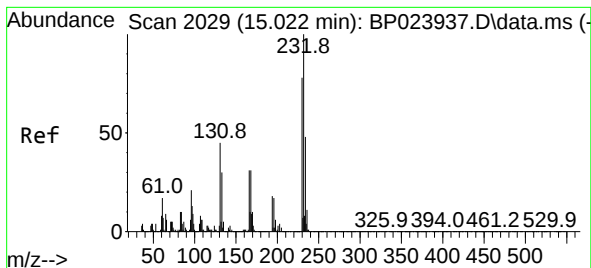
Instrument :  
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Quant Time: Feb 06 07:49:19 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012925.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Feb 03 11:19:36 2025  
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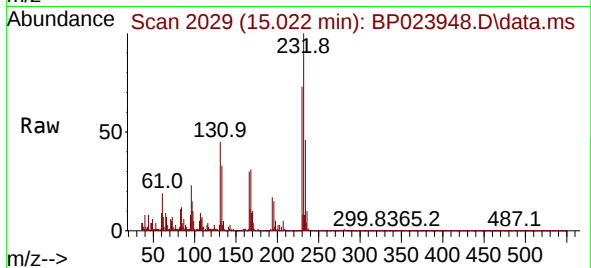
Reviewed By :Yogesh Patel 02/07/2025  
Supervised By :mohammad ahmed 02/07/2025





#58  
2,3,4,6-Tetrachlorophenol  
Concen: 2.783 ng/ul  
RT: 15.022 min Scan# 2029  
Delta R.T. -0.000 min  
Lab File: BP023948.D  
Acq: 05 Feb 2025 23:08

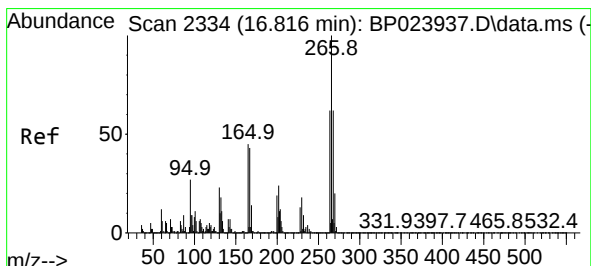
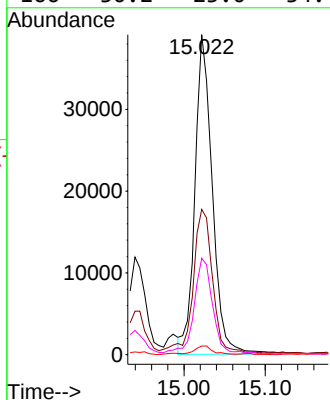
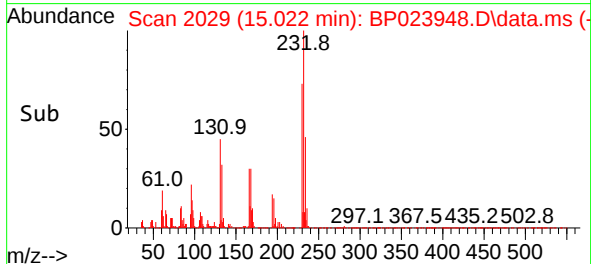
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ClientSampleId :  
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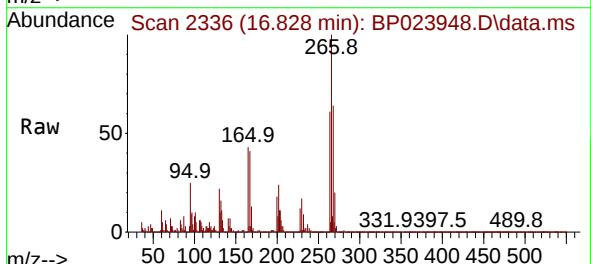
Tgt Ion:232 Resp: 58352  
Ion Ratio Lower Upper  
232 100  
131 45.4 32.4 48.6  
130 2.7 1.7 2.5  
166 30.2 23.0 34.4

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#71  
Pentachlorophenol  
Concen: 13.877 ng/ul  
RT: 16.828 min Scan# 2336  
Delta R.T. -0.000 min  
Lab File: BP023948.D  
Acq: 05 Feb 2025 23:08



Tgt Ion:266 Resp: 257446  
Ion Ratio Lower Upper  
266 100  
264 61.2 50.8 76.2  
268 63.8 51.1 76.7

