

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
 Data File : BP022175.D  
 Acq On : 03 Oct 2024 00:16  
 Operator : RC/JU  
 Sample : P4022-01DL 50X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DDC37DL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024  
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 01:00:09 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 24 15:23:13 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.699  | 152  | 98858    | 20.000 | ng/u1 | -0.01    |
| 20) Naphthalene-d8            | 10.457 | 136  | 393100   | 20.000 | ng/u1 | -0.01    |
| 38) Acenaphthene-d10          | 14.304 | 164  | 324409   | 20.000 | ng/u1 | -0.02    |
| 64) Phenanthrene-d10          | 17.092 | 188  | 807941   | 20.000 | ng/u1 | -0.02    |
| 79) Chrysene-d12              | 21.533 | 240  | 890992   | 20.000 | ng/u1 | 0.00     |
| 88) Perylene-d12              | 24.816 | 264  | 1018185  | 20.000 | ng/u1 | 0.00     |
| 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/u1 |          |
| 7) Phenol-d5                  | 6.881  | 99   | 1629     | 0.201  | ng/u1 | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.034  | 67   | 2864     | 0.575  | ng/u1 | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.240  | 132  | 3321     | 0.568  | ng/u1 | 0.00     |
| 15) 4-Methylphenol-d8         | 8.399  | 113  | 2421     | 0.378  | ng/u1 | 0.00     |
| 21) Nitrobenzene-d5           | 8.828  | 128  | 1825     | 0.620  | ng/u1 | -0.02    |
| 24) 2-Nitrophenol-d4          | 9.558  | 143  | 1943m    | 0.582  | ng/u1 | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.081 | 165  | 4401     | 0.607  | ng/u1 | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.593 | 131  | 2383m    | 0.276  | ng/u1 | -0.01    |
| 46) Dimethylphthalate-d6      | 13.704 | 166  | 19709    | 0.786  | ng/u1 | -0.02    |
| 49) Acenaphthylene-d8         | 13.993 | 160  | 17612    | 0.663  | ng/u1 | -0.01    |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1 |          |
| 60) Fluorene-d10              | 15.304 | 176  | 17635    | 0.795  | ng/u1 | -0.02    |
| 65) 4,6-Dinitro-2-methylph... | 15.475 | 200  | 5016m    | 1.000  | ng/u1 | 0.03     |
| 73) Anthracene-d10            | 17.198 | 188  | 30160m   | 0.800  | ng/u1 | -0.02    |
| 81) Pyrene-d10                | 19.581 | 212  | 39168    | 0.849  | ng/u1 | -0.01    |
| 92) Benzo(a)pyrene-d12        | 24.586 | 264  | 41781    | 0.780  | ng/u1 | -0.02    |
| Target Compounds              |        |      |          |        |       |          |
| 58) 2,3,4,6-Tetrachlorophenol | 14.940 | 232  | 105187   | 14.034 | ng/u1 | 97       |
| 71) Pentachlorophenol         | 16.740 | 266  | 508195   | 64.654 | ng/u1 | 98       |
| -----                         |        |      |          |        |       |          |

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

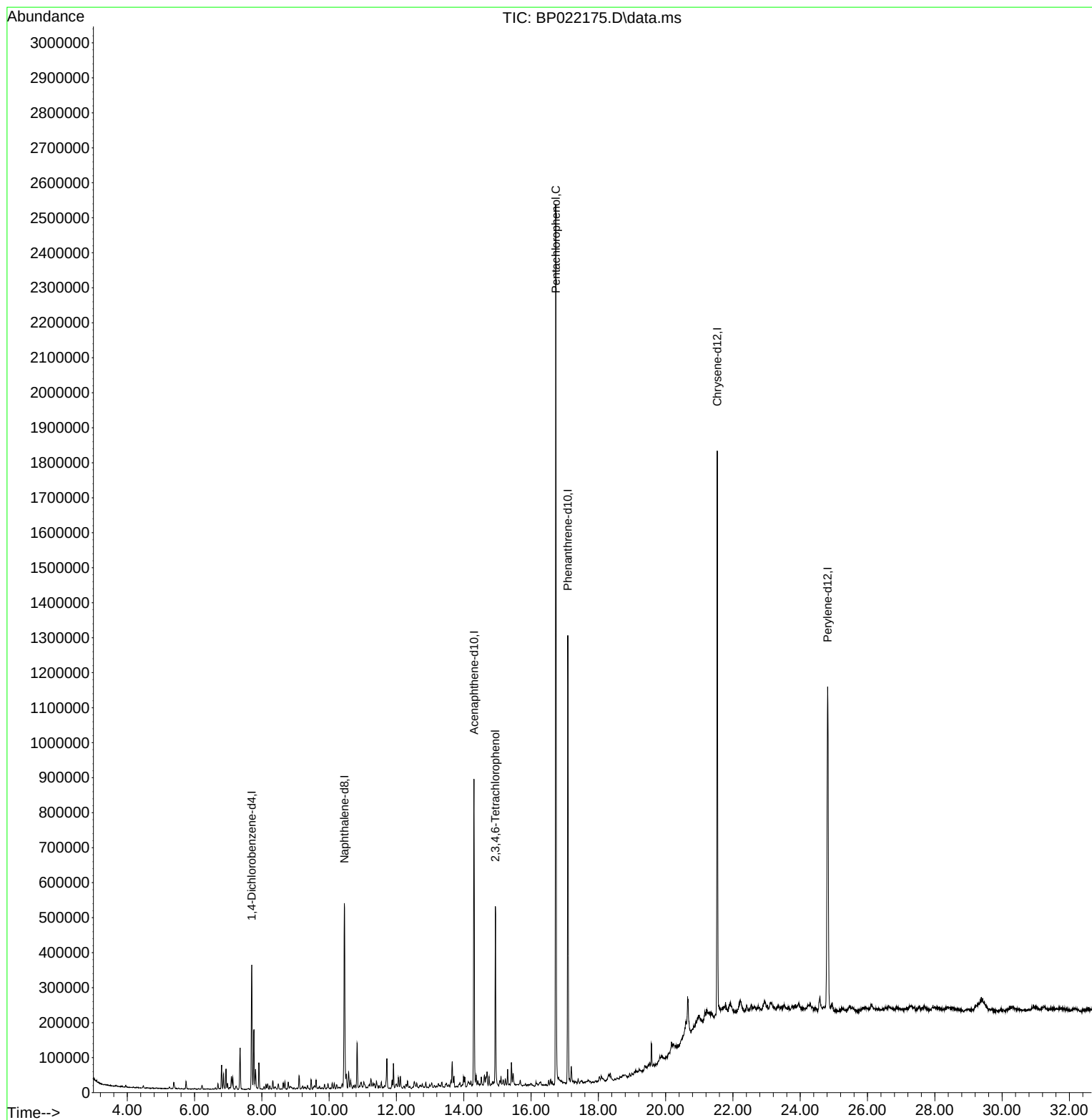
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP100224\  
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Sample : P4022-01DL 50X  
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ALS Vial : 20 Sample Multiplier: 1

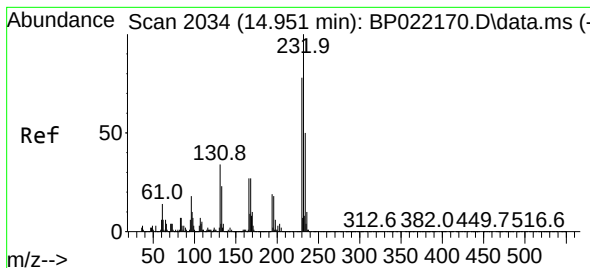
Instrument :  
BNA\_P  
ClientSampleId :  
DDC37DL

Quant Time: Oct 03 01:00:09 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092424.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Sep 24 15:23:13 2024  
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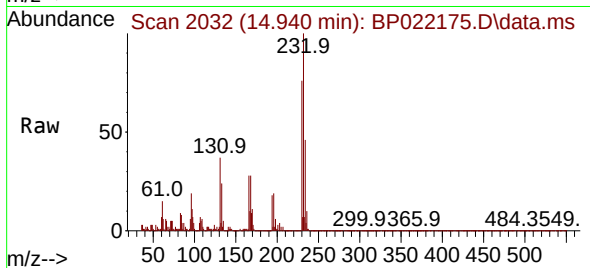
Reviewed By :Yogesh Patel 10/04/2024  
Supervised By :mohammad ahmed 10/05/2024





#58  
2,3,4,6-Tetrachlorophenol  
Concen: 14.034 ng/ul  
RT: 14.940 min Scan# 2034  
Delta R.T. -0.023 min  
Lab File: BP022175.D  
Acq: 03 Oct 2024 00:16

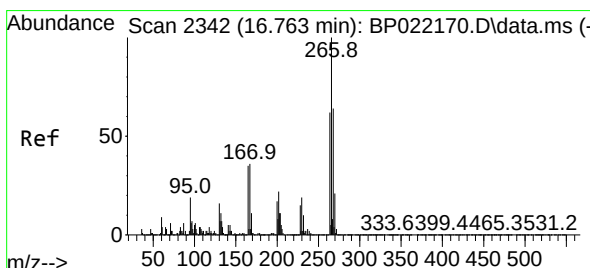
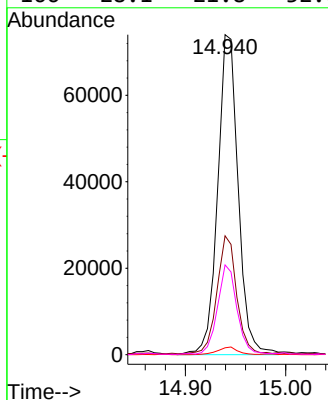
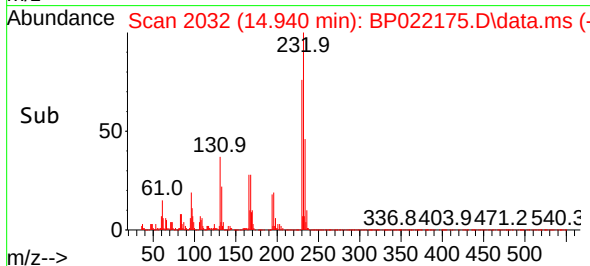
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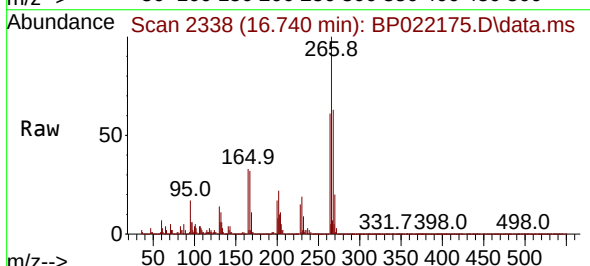
Tgt Ion:232 Resp: 10518  
Ion Ratio Lower Upper  
232 100  
131 37.1 28.2 42.2  
130 2.1 1.8 2.6  
166 28.1 21.8 32.6

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#71  
Pentachlorophenol  
Concen: 64.654 ng/ul  
RT: 16.740 min Scan# 2338  
Delta R.T. -0.017 min  
Lab File: BP022175.D  
Acq: 03 Oct 2024 00:16



Tgt Ion:266 Resp: 508195  
Ion Ratio Lower Upper  
266 100  
264 61.4 50.2 75.4  
268 62.5 51.4 77.0

