

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
 Data File : BG062770.D  
 Acq On : 12 Sep 2024 20:21  
 Operator : JU/RC  
 Sample : P3877-19DL 20X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC10DL

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024  
 Supervised By :mohammad ahmed 09/14/2024

Quant Time: Sep 12 23:30:04 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 10 01:28:17 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.900  | 152  | 43907    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.691 | 136  | 194961   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.528 | 164  | 167692   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.272 | 188  | 513622   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.520 | 240  | 552905   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.581 | 264  | 625355   | 20.000 | ng/u1  | -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/u1  |          |
| 7) Phenol-d5                  | 7.072  | 99   | 3610     | 0.938  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.231  | 67   | 2616     | 1.133  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.436  | 132  | 2864     | 1.021  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.605  | 113  | 2916     | 0.909  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.058  | 128  | 1323m    | 0.949  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.781  | 143  | 1646     | 1.080  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.315 | 165  | 3308     | 0.997  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.832 | 131  | 4618     | 1.012  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.934 | 166  | 13204    | 1.023  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.222 | 160  | 15995    | 1.115  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1  |          |
| 60) Fluorene-d10              | 15.521 | 176  | 13854    | 1.191  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/u1  |          |
| 73) Anthracene-d10            | 17.372 | 188  | 27617    | 1.139  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.663 | 212  | 34850    | 1.120  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.363 | 264  | 36419    | 1.103  | ng/u1  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
| 58) 2,3,4,6-Tetrachlorophenol | 15.157 | 232  | 11765    | 3.096  | ng/u1# | 98       |
| 71) Pentachlorophenol         | 16.925 | 266  | 152260   | 37.722 | ng/u1  | 97       |
| -----                         |        |      |          |        |        |          |

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

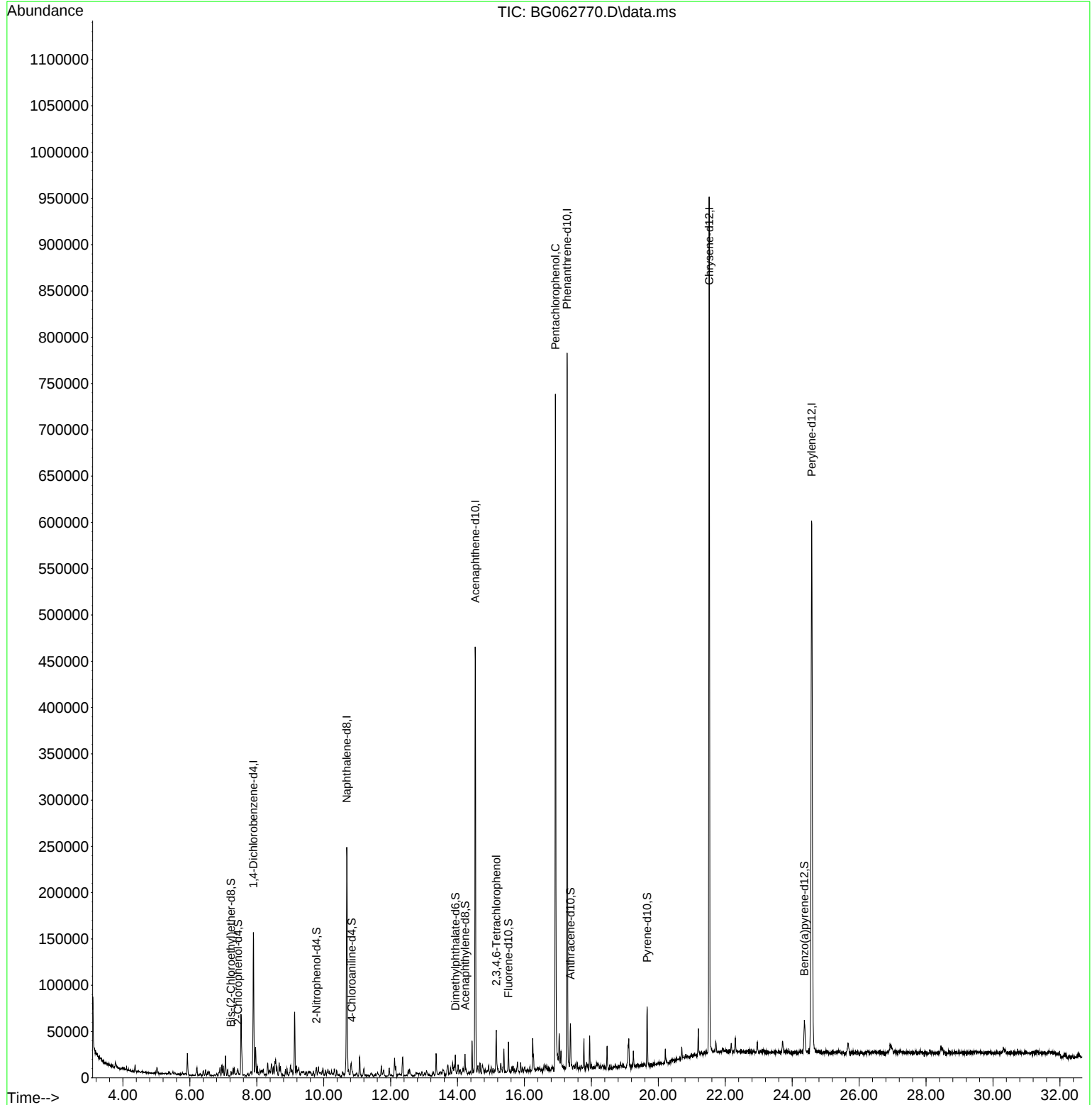
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091224\  
Data File : BG062770.D  
Acq On : 12 Sep 2024 20:21  
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Sample : P3877-19DL 20X  
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ALS Vial : 7 Sample Multiplier: 1

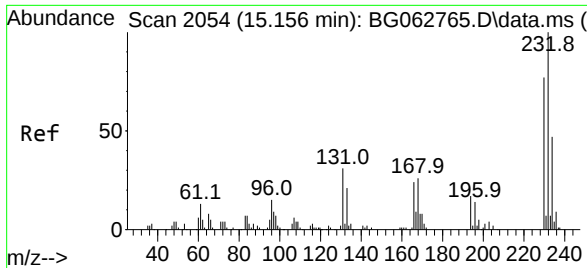
Instrument :  
BNA\_G  
ClientSampleId :  
DDC10DL

Quant Time: Sep 12 23:30:04 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG090924.MA.M  
Quant Title : SVOA CALIBRATION  
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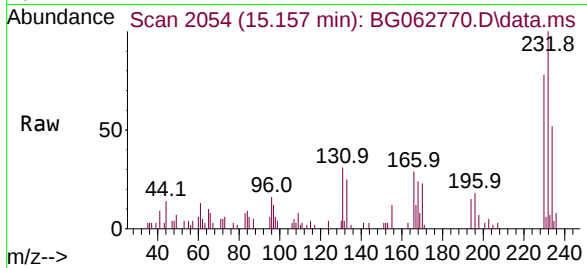
Reviewed By :Jagrut Upadhyay 09/13/2024  
Supervised By :mohammad ahmed 09/14/2024





#58  
2,3,4,6-Tetrachlorophenol  
Concen: 3.096 ng/ul  
RT: 15.157 min Scan# 2054  
Delta R.T. 0.001 min  
Lab File: BG062770.D  
Acq: 12 Sep 2024 20:21

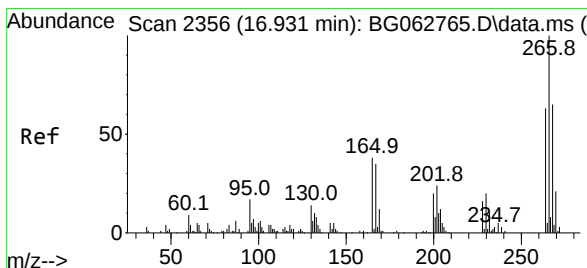
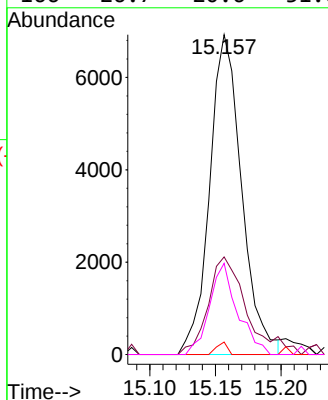
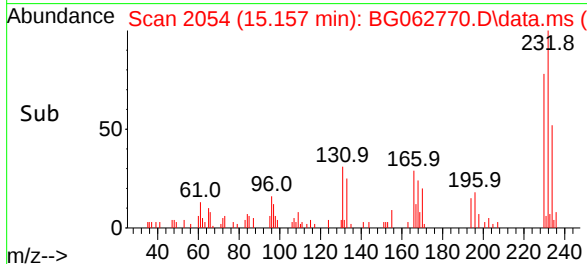
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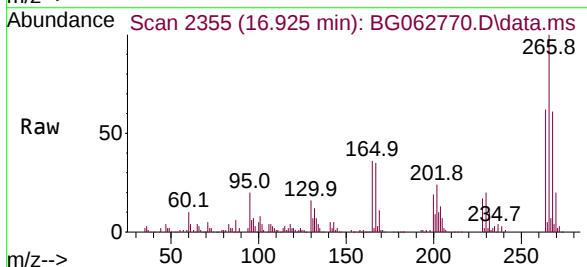
Tgt Ion:232 Resp: 11765  
Ion Ratio Lower Upper  
232 100  
131 32.5 26.6 40.0  
130 3.7 1.6 2.4  
166 26.7 20.6 31.0

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#71  
Pentachlorophenol  
Concen: 37.722 ng/ul  
RT: 16.925 min Scan# 2355  
Delta R.T. -0.005 min  
Lab File: BG062770.D  
Acq: 12 Sep 2024 20:21



Tgt Ion:266 Resp: 152260  
Ion Ratio Lower Upper  
266 100  
264 61.6 48.6 72.8  
268 65.9 49.5 74.3

