

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092724\  
 Data File : BG063069.D  
 Acq On : 27 Sep 2024 11:54  
 Operator : RC/JU  
 Sample : P3927-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DDC67

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024  
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 27 23:10:46 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092524.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 25 13:16:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.855  | 152  | 69791    | 20.000 | ng/u1  | # 0.00   |
| 20) Naphthalene-d8            | 10.640 | 136  | 291401   | 20.000 | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.483 | 164  | 264568   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.232 | 188  | 756424   | 20.000 | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 21.486 | 240  | 820977   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.524 | 264  | 925510   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.313  | 96   | 3780     | 3.122  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.725  | 84   | 55174    | 18.639 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.021  | 99   | 94723    | 21.974 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.180  | 67   | 39215    | 23.286 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.385  | 132  | 96434    | 22.768 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.554  | 113  | 89352    | 22.961 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.001  | 128  | 48048    | 22.424 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.724  | 143  | 64591    | 23.603 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.264 | 165  | 124743   | 21.840 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.775 | 131  | 145452   | 21.703 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.889 | 166  | 496299   | 23.593 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.177 | 160  | 523861   | 23.500 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.688 | 143  | 61766m   | 19.469 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.482 | 176  | 469788   | 24.374 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.599 | 200  | 82872    | 15.677 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.332 | 188  | 891873m  | 24.576 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.630 | 212  | 1194567  | 25.841 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.312 | 264  | 1223425  | 24.681 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 58) 2,3,4,6-Tetrachlorophenol | 15.111 | 232  | 10620    | 1.530  | ng/u1# | 73       |
| 71) Pentachlorophenol         | 16.886 | 266  | 113660   | 17.660 | ng/u1  | 90       |
| -----                         |        |      |          |        |        |          |

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

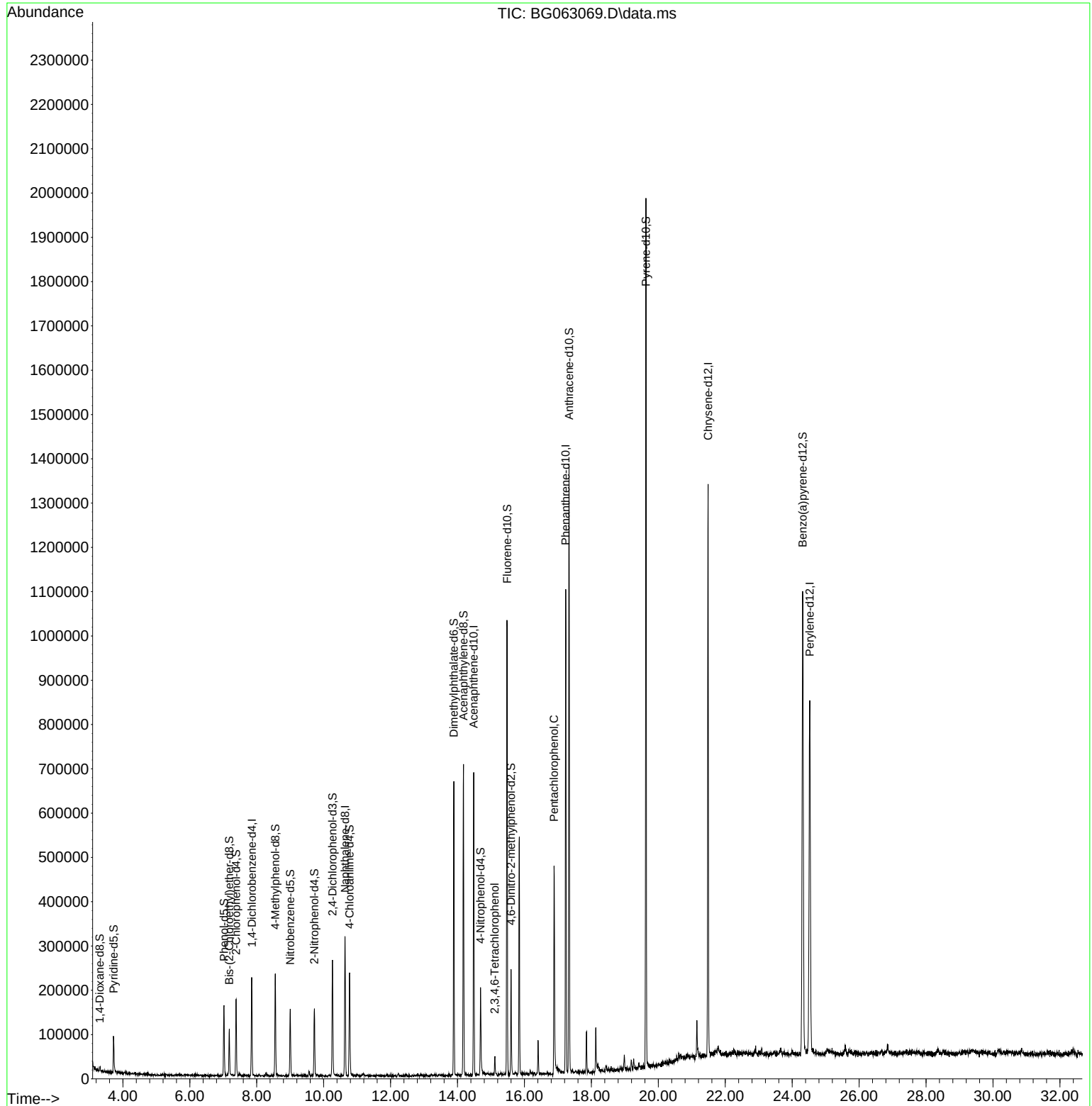
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092724\  
Data File : BG063069.D  
Acq On : 27 Sep 2024 11:54  
Operator : RC/JU  
Sample : P3927-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

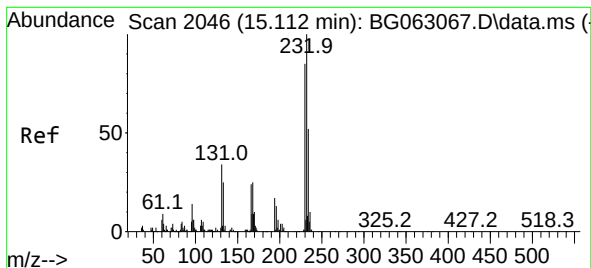
Instrument :  
BNA\_G  
ClientSampleId :  
DDC67

Quant Time: Sep 27 23:10:46 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG092524.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 25 13:16:45 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

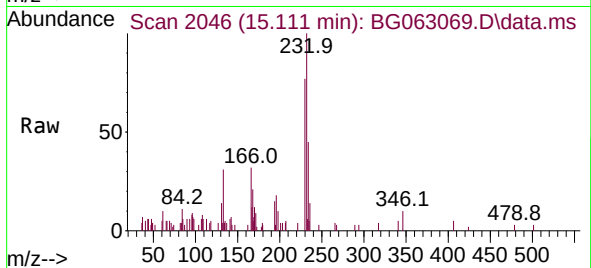
Reviewed By :Jagrut Upadhyay 09/30/2024  
Supervised By :mohammad ahmed 10/01/2024





#58  
2,3,4,6-Tetrachlorophenol  
Concen: 1.530 ng/ul  
RT: 15.111 min Scan# 2046  
Delta R.T. -0.004 min  
Lab File: BG063069.D  
Acq: 27 Sep 2024 11:54

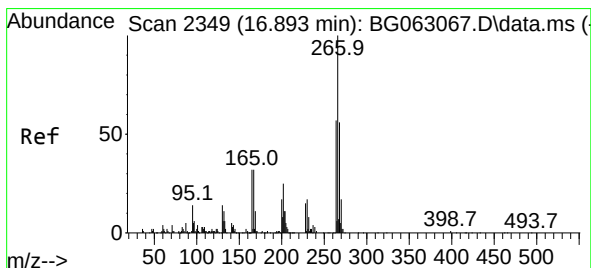
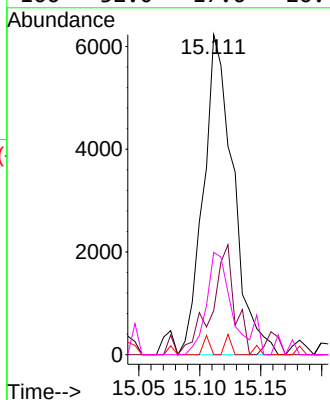
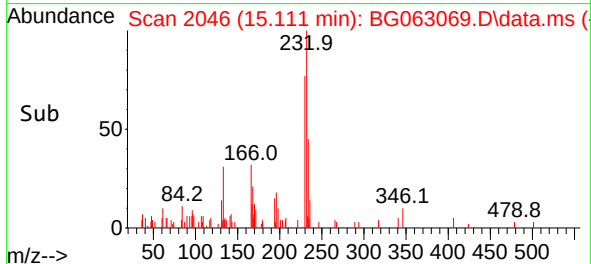
Instrument :  
BNA\_G  
ClientSampleId :  
DDC67



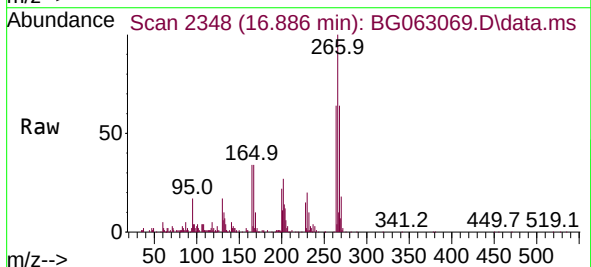
Tgt Ion:232 Resp: 10620  
Ion Ratio Lower Upper  
232 100  
131 13.8 25.8 38.6  
130 0.0 1.9 2.9  
166 32.0 17.6 26.4

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024  
Supervised By :mohammad ahmed 10/01/2024



#71  
Pentachlorophenol  
Concen: 17.660 ng/ul  
RT: 16.886 min Scan# 2348  
Delta R.T. -0.004 min  
Lab File: BG063069.D  
Acq: 27 Sep 2024 11:54



Tgt Ion:266 Resp: 113660  
Ion Ratio Lower Upper  
266 100  
264 63.9 57.7 86.5  
268 63.8 57.3 85.9

