

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092524\  
 Data File : BG063059.D  
 Acq On : 26 Sep 2024 11:09  
 Operator : RC/JU  
 Sample : P3879-04DL2 50X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCVZ1DL2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/27/2024  
 Supervised By :mohammad ahmed 09/27/2024

Quant Time: Sep 26 12:32:46 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     | 7.852  | 152  | 85595    | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.637 | 136  | 343399   | 20.000  | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.486 | 164  | 314361   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.235 | 188  | 925837m  | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.483 | 240  | 1302847m | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.527 | 264  | 1460306m | 20.000  | ng/ul  | 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/ul  |          |
| 7) Phenol-d5                  | 0.000  | 99   | 0d       | 0.000   | ng/ul  |          |
| 9) Bis-(2-Chloroethyl)eth...  | 0.000  | 67   | 0d       | 0.000   | ng/ul  |          |
| 11) 2-Chlorophenol-d4         | 7.388  | 132  | 4340     | 0.835   | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.000   | ng/ul  |          |
| 21) Nitrobenzene-d5           | 0.000  | 128  | 0d       | 0.000   | ng/ul  |          |
| 24) 2-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000   | ng/ul  |          |
| 28) 2,4-Dichlorophenol-d3     | 10.261 | 165  | 5100     | 0.758   | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 0.000  | 131  | 0d       | 0.000   | ng/ul  |          |
| 46) Dimethylphthalate-d6      | 13.892 | 166  | 22167    | 0.887   | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.180 | 160  | 20624    | 0.779   | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000   | ng/ul  |          |
| 60) Fluorene-d10              | 15.473 | 176  | 21454    | 0.937   | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000   | ng/ul  |          |
| 73) Anthracene-d10            | 17.329 | 188  | 38269    | 0.862   | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.627 | 212  | 63799m   | 0.870   | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.309 | 264  | 63365    | 0.810   | ng/ul  | 0.00     |
|                               |        |      |          |         |        |          |
| Target Compounds              |        |      |          |         | Qvalue |          |
| 23) Isophorone                | 9.562  | 82   | 36831    | 4.001   | ng/ul  | 98       |
| 30) Naphthalene               | 10.684 | 128  | 23486    | 1.346   | ng/ul# | 92       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.114 | 232  | 292345   | 35.439  | ng/ul  | 97       |
| 71) Pentachlorophenol         | 16.889 | 266  | 792637   | 100.620 | ng/ul  | 89       |
| -----                         |        |      |          |         |        |          |

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

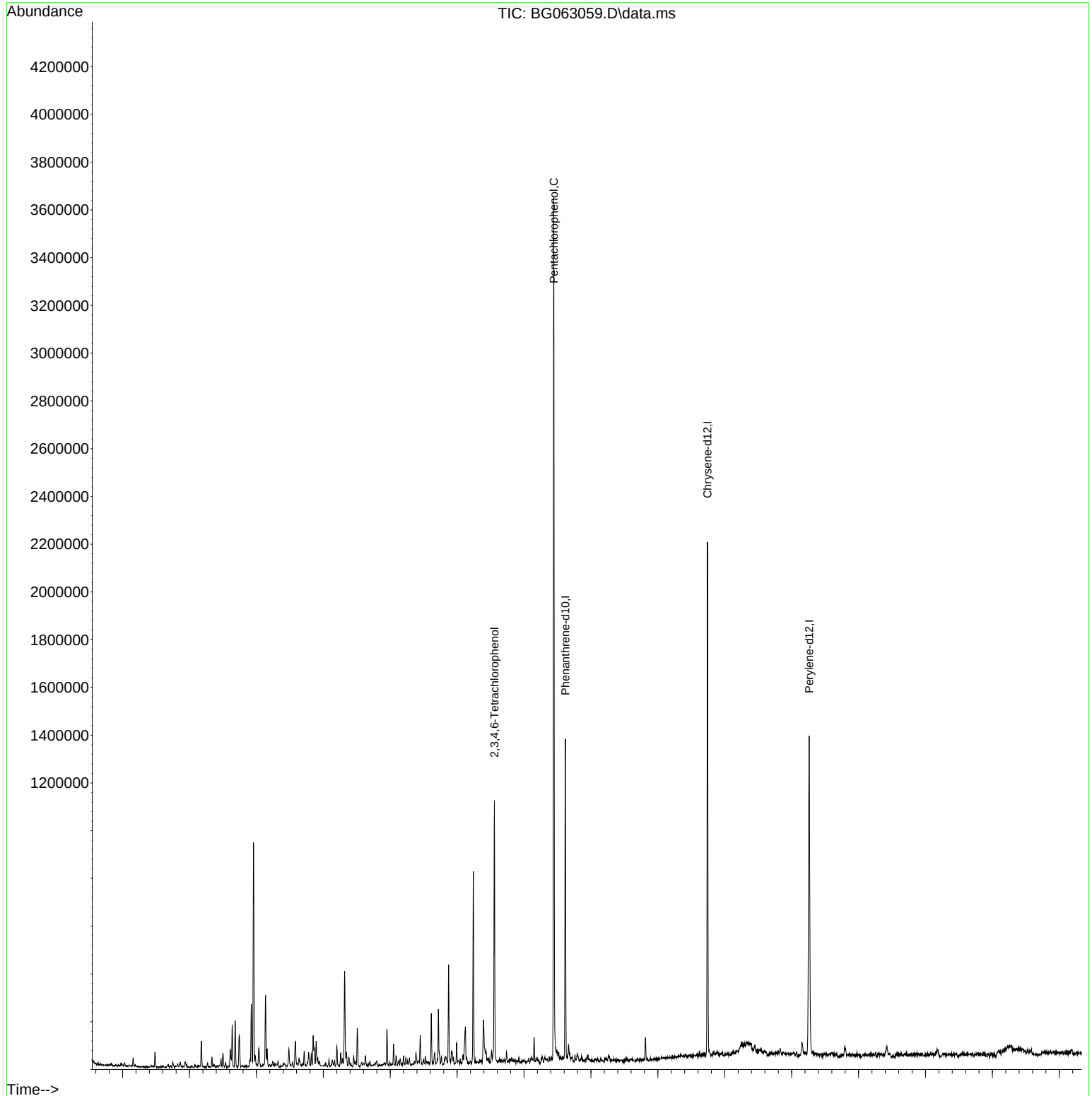
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092524\  
Data File : BG063059.D  
Acq On : 26 Sep 2024 11:09  
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Misc :  
ALS Vial : 28 Sample Multiplier: 1

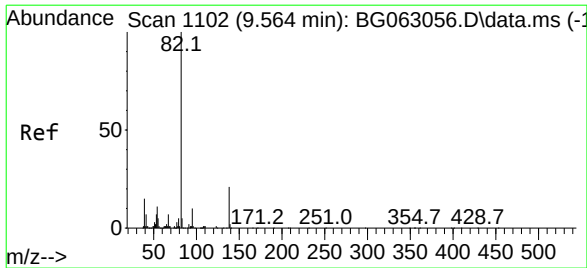
Instrument :  
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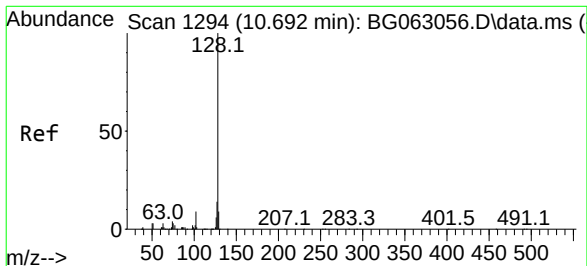
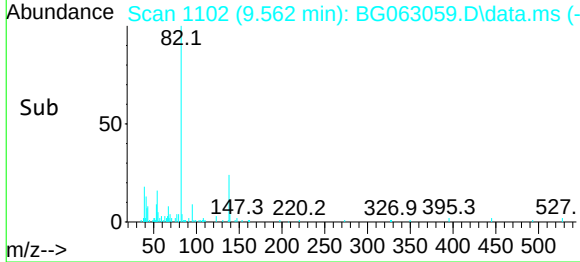
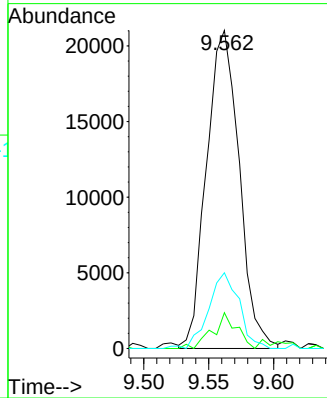
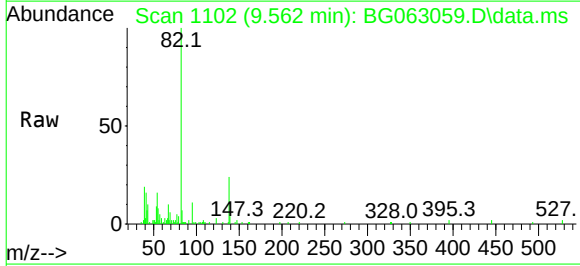
#23  
Isophorone  
Concen: 4.001 ng/u1  
RT: 9.562 min Scan# 1102  
Delta R.T. -0.001 min  
Lab File: BG063059.D  
Acq: 26 Sep 2024 11:09

Instrument : BNA\_G  
ClientSampleId : DCVZ1DL2

| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 82  | 100  |       |       |       |
| 95  | 11.2 | 10.0  | 15.0  |       |
| 138 | 23.8 | 19.5  | 29.3  |       |

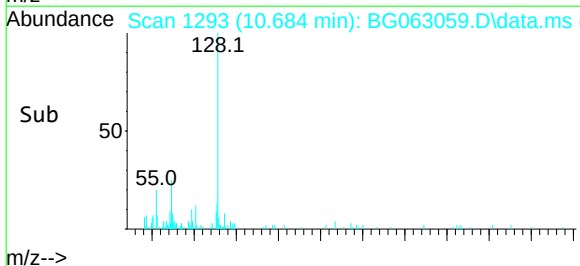
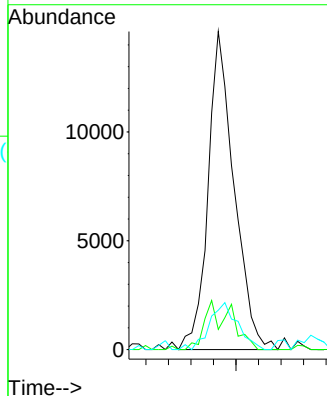
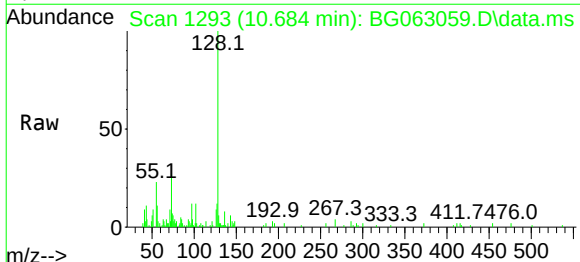
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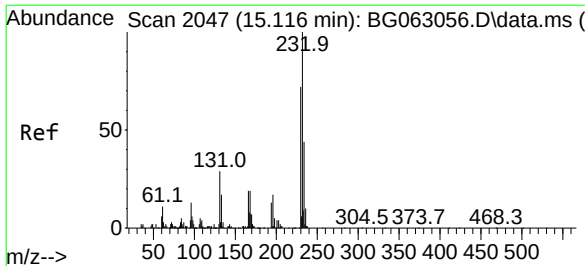
Reviewed By :Yogesh Patel 09/27/2024  
Supervised By :mohammad ahmed 09/27/2024



#30  
Naphthalene  
Concen: 1.346 ng/u1  
RT: 10.684 min Scan# 1293  
Delta R.T. -0.007 min  
Lab File: BG063059.D  
Acq: 26 Sep 2024 11:09

| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 128 | 100  |       |       |       |
| 129 | 6.4  | 9.3   | 13.9  |       |
| 127 | 12.4 | 10.7  | 16.1  |       |





#58  
2,3,4,6-Tetrachlorophenol  
Concen: 35.439 ng/ul  
RT: 15.114 min Scan# 2047  
Delta R.T. -0.001 min  
Lab File: BG063059.D  
Acq: 26 Sep 2024 11:09

Instrument :

BNA\_G

ClientSampleId :

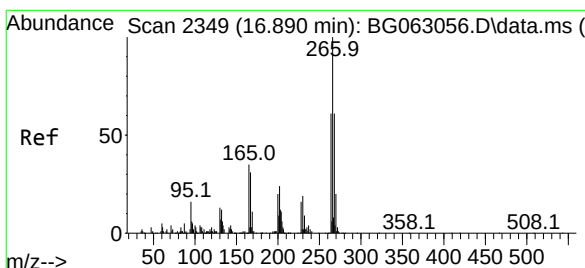
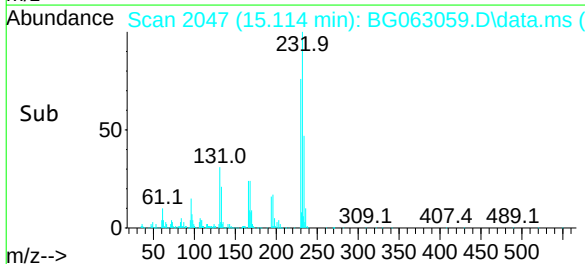
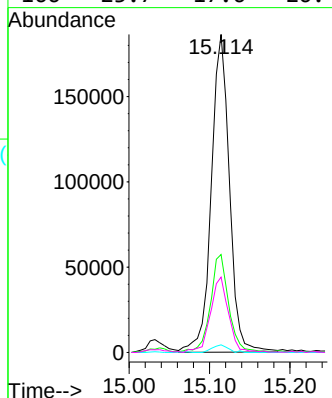
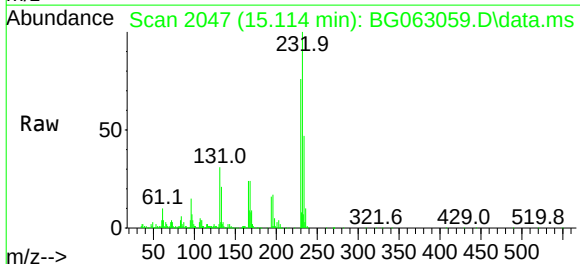
DCVZ1DL2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 30.8  | 25.8  | 38.6  |
| 130     | 2.4   | 1.9   | 2.9   |
| 166     | 23.7  | 17.6  | 26.4  |

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#71  
Pentachlorophenol  
Concen: 100.620 ng/ul  
RT: 16.889 min Scan# 2349  
Delta R.T. -0.001 min  
Lab File: BG063059.D  
Acq: 26 Sep 2024 11:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.2  | 57.7  | 86.5  |
| 268     | 62.7  | 57.3  | 85.9  |

