

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110123\  
 Data File : BG059591.D  
 Acq On : 2 Nov 2023 00:07  
 Operator : MA/JU  
 Sample : 04952-04  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EOAR8

Quant Time: Nov 02 02:34:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG102723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Oct 28 03:56:42 2023  
 Response via : Initial Calibration

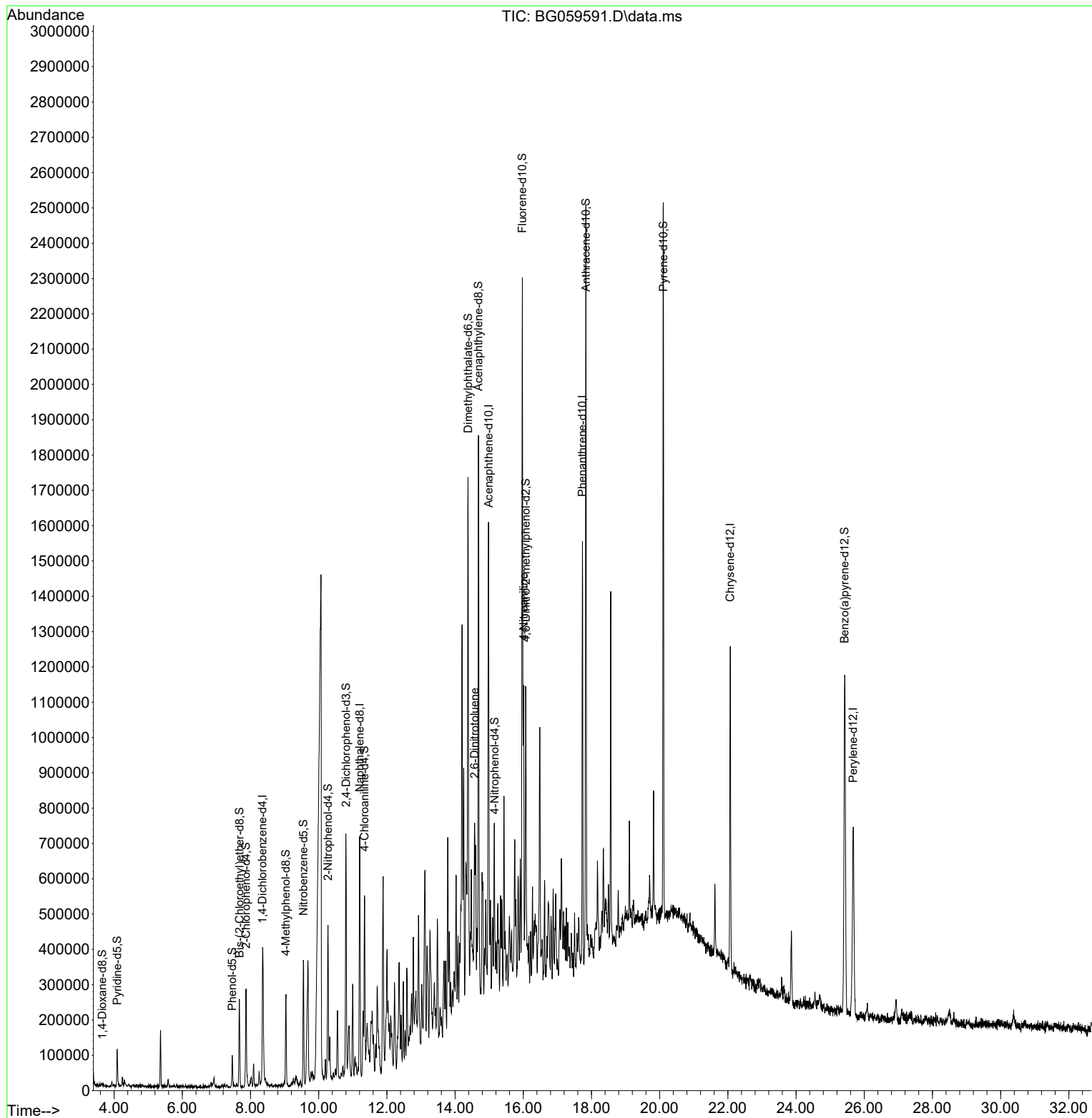
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.353  | 152  | 91204    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 11.203 | 136  | 576645   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.986 | 164  | 368673   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.736 | 188  | 721066   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 22.072 | 240  | 560433   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 25.680 | 264  | 641678   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.653  | 96   | 5448     | 2.235  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.093  | 84   | 72165    | 10.594 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.466  | 99   | 51288    | 5.472  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.677  | 67   | 103153   | 23.962 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.865  | 132  | 143090   | 18.819 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.035  | 113  | 99197    | 13.341 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.552  | 128  | 100213   | 24.441 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.274 | 143  | 146816   | 34.880 | ng/ul  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.803 | 165  | 252402   | 27.217 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.344 | 131  | 301456   | 19.747 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.381 | 166  | 912580   | 27.322 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.687 | 160  | 1032010  | 26.328 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.157 | 143  | 36095    | 6.302  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.973 | 176  | 773157   | 27.086 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.073 | 200  | 136434   | 39.954 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.836 | 188  | 1168728  | 29.918 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 20.110 | 212  | 1142642  | 29.333 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.421 | 264  | 1103090  | 29.193 | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 48) 2,6-Dinitrotoluene        | 14.575 | 165  | 6511     | 1.308  | ng/ul# | 24       |
| 63) 4-Nitroaniline            | 16.009 | 138  | 11953    | 1.815  | ng/ul  | 96       |
| -----                         |        |      |          |        |        |          |

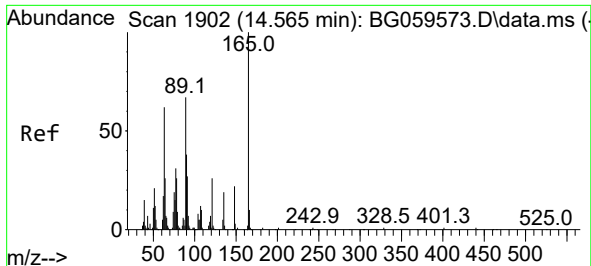
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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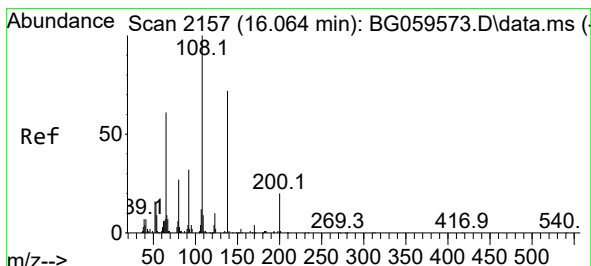
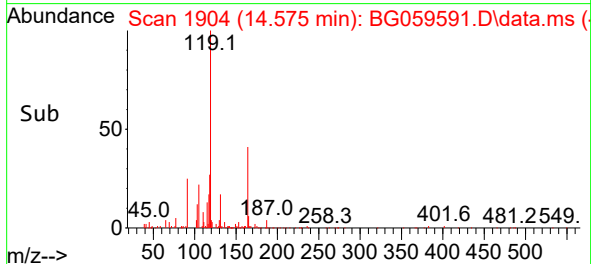
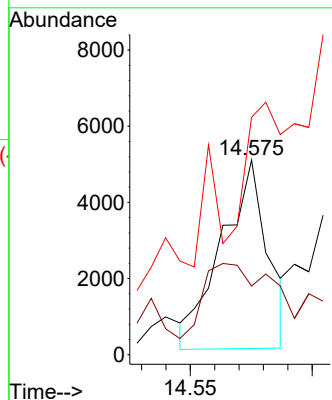
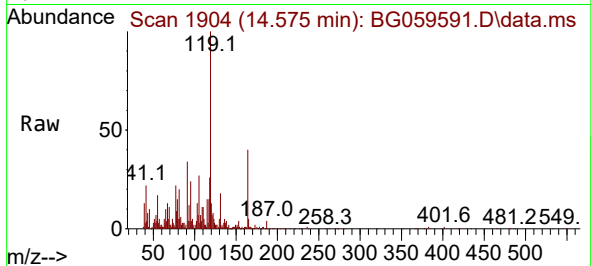




#48  
2,6-Dinitrotoluene  
Concen: 1.308 ng/ul  
RT: 14.575 min Scan# 1904  
Delta R.T. 0.003 min  
Lab File: BG059591.D  
Acq: 2 Nov 2023 00:07

Instrument :  
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ClientSampleId :  
EOAR8

Tgt Ion:165 Resp: 6511  
Ion Ratio Lower Upper  
165 100  
89 35.2 41.0 61.4#  
121 121.9 12.3 18.5#



#63  
4-Nitroaniline  
Concen: 1.815 ng/ul  
RT: 16.009 min Scan# 2148  
Delta R.T. -0.061 min  
Lab File: BG059591.D  
Acq: 2 Nov 2023 00:07

Tgt Ion:138 Resp: 11953  
Ion Ratio Lower Upper  
138 100  
92 65.0 49.8 74.8  
108 130.2 100.9 151.3

