

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN041724\  
 Data File : BN030978.D  
 Acq On : 17 Apr 2024 15:28  
 Operator : MA/JU  
 Sample : P2006-11DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MCORF0DL

Quant Time: Apr 17 22:47:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 17 22:24:16 2024  
 Response via : Initial Calibration

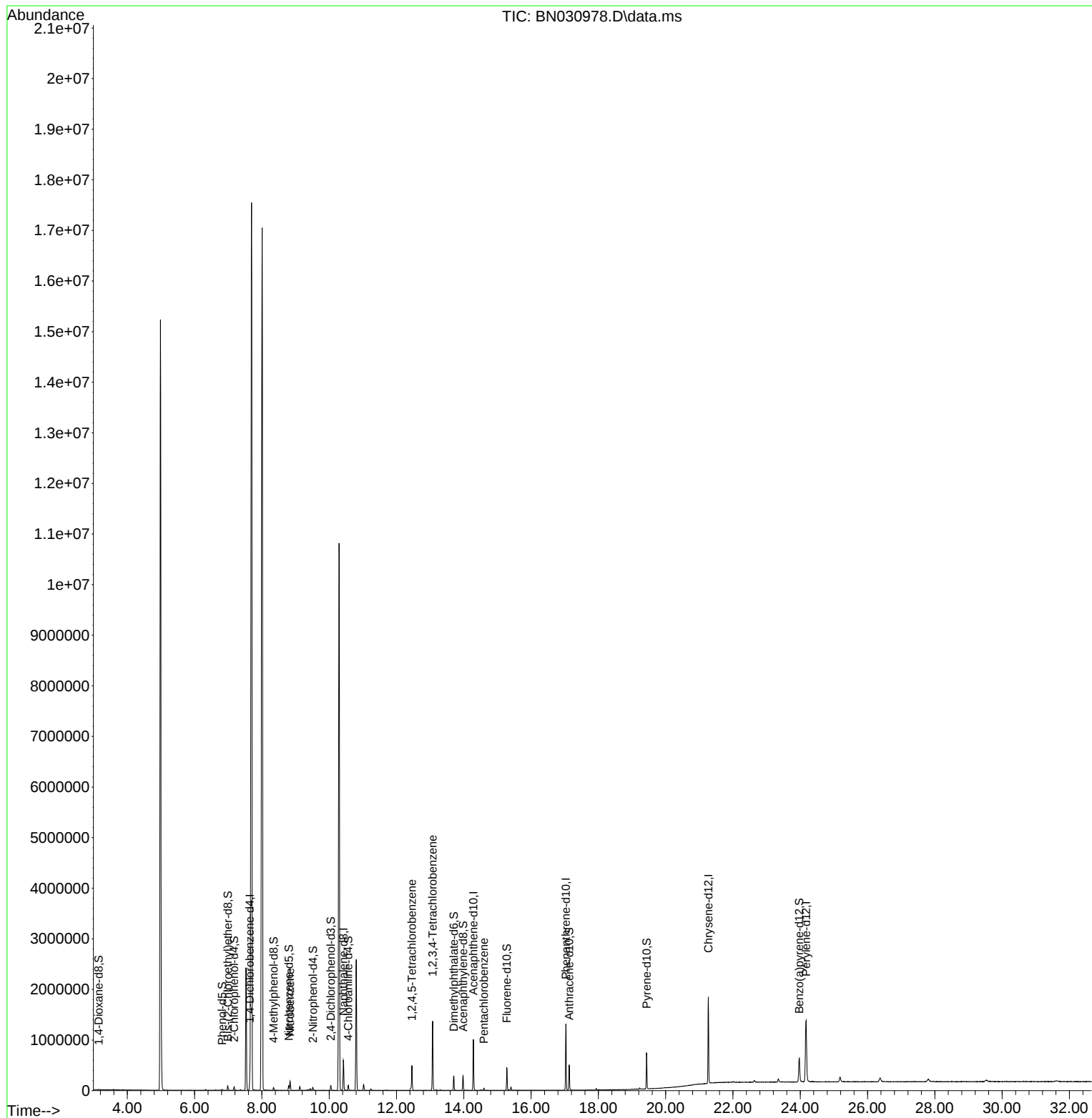
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.646  | 152  | 105568   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.422 | 136  | 477332   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.287 | 164  | 331745   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.033 | 188  | 748756   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.269 | 240  | 810663   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.174 | 264  | 1020952  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.152  | 96   | 2860     | 1.270  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000  | ng/u1  |          |
| 7) Phenol-d5                  | 6.816  | 99   | 10204    | 1.195  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.987  | 67   | 40261    | 7.633  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.175  | 132  | 34050    | 5.256  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.346  | 113  | 21650    | 3.025  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.799  | 128  | 22274    | 6.727  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.516  | 143  | 18639    | 6.153  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.052 | 165  | 37020    | 5.582  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.569 | 131  | 52966    | 4.851  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.704 | 166  | 184604   | 8.335  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.981 | 160  | 185365   | 7.279  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 0.000  | 143  | 0d       | 0.000  | ng/u1  |          |
| 60) Fluorene-d10              | 15.281 | 176  | 159861   | 8.248  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.000  | ng/u1  |          |
| 73) Anthracene-d10            | 17.133 | 188  | 264241   | 8.191  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.433 | 212  | 347526   | 7.974  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.974 | 264  | 381876   | 8.118  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 22) Nitrobenzene              | 8.840  | 77   | 95332    | 11.794 | ng/u1  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.457 | 216  | 158785   | 18.547 | ng/u1  | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.075 | 216  | 390546   | 42.456 | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.598 | 250  | 10030    | 1.073  | ng/uL  | 97       |
| -----                         |        |      |          |        |        |          |

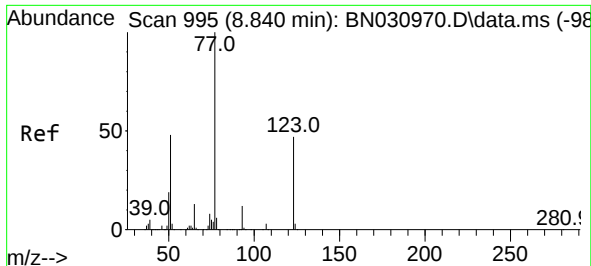
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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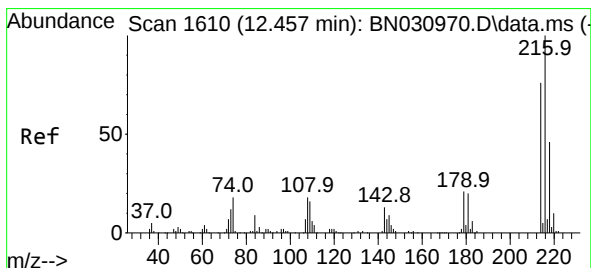
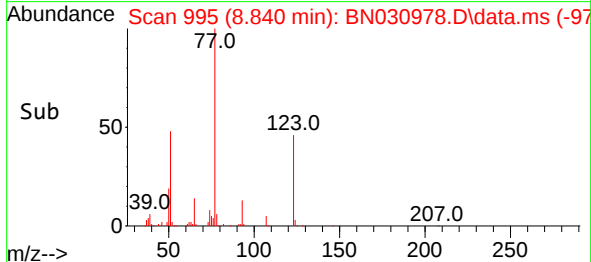
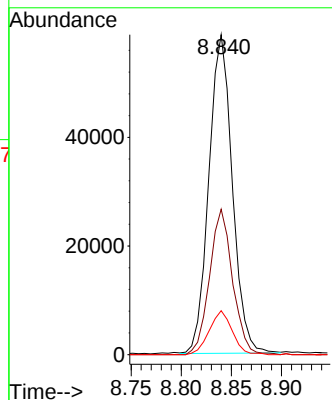
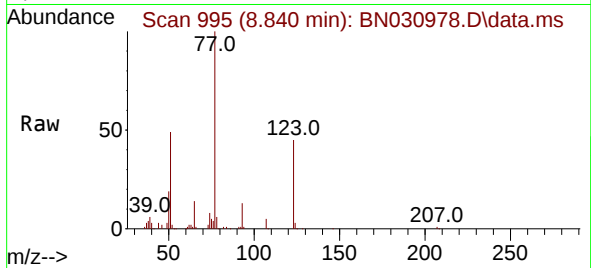




#22  
Nitrobenzene  
Concen: 11.794 ng/ul  
RT: 8.840 min Scan# 995  
Delta R.T. 0.000 min  
Lab File: BN030978.D  
Acq: 17 Apr 2024 15:28

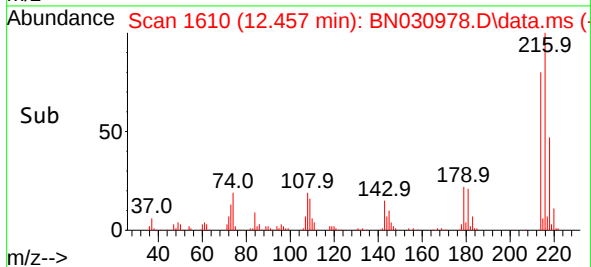
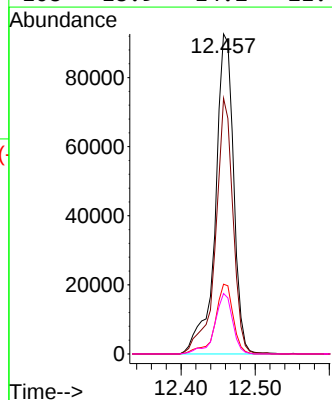
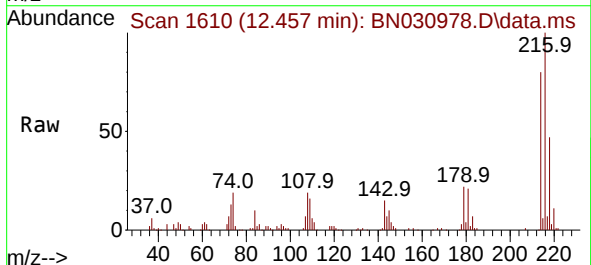
Instrument :  
BNA\_N  
ClientSampleId :  
MCORF0DL

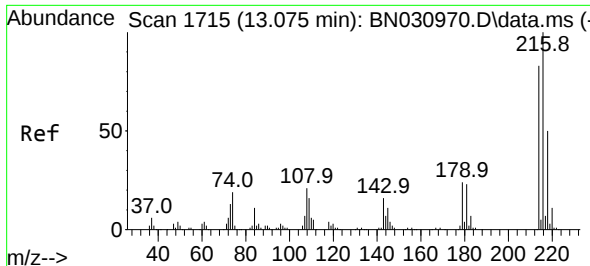
Tgt Ion: 77 Resp: 95332  
Ion Ratio Lower Upper  
77 100  
123 45.5 37.5 56.3  
65 13.7 10.6 15.8



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 18.547 ng/ul  
RT: 12.457 min Scan# 1610  
Delta R.T. 0.000 min  
Lab File: BN030978.D  
Acq: 17 Apr 2024 15:28

Tgt Ion: 216 Resp: 158785  
Ion Ratio Lower Upper  
216 100  
214 79.9 60.9 91.3  
179 21.8 17.4 26.0  
108 18.9 14.2 21.4

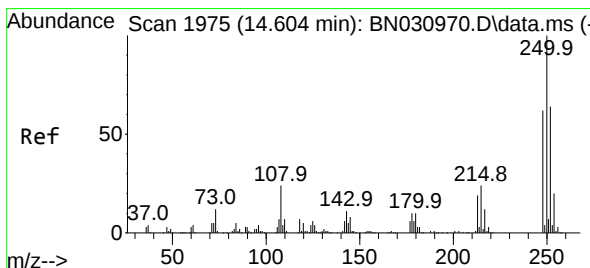
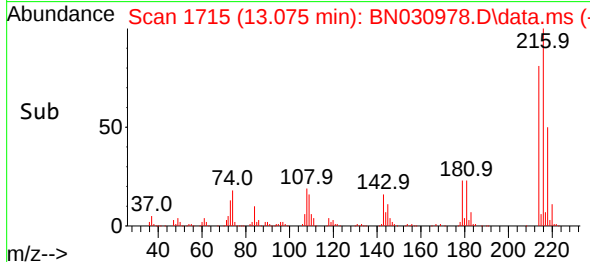
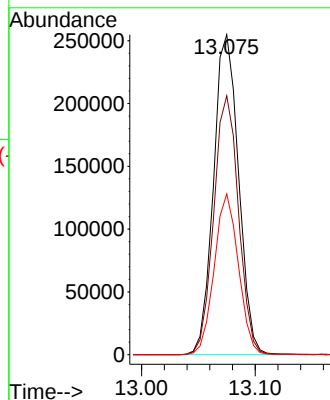
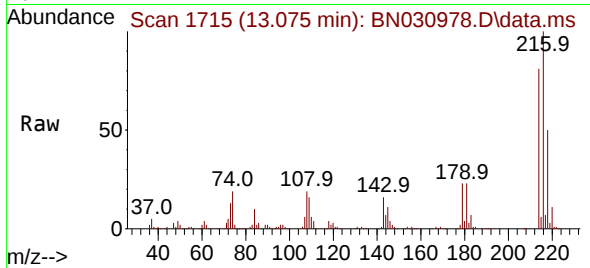




#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 42.456 ng/uL  
RT: 13.075 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN030978.D  
Acq: 17 Apr 2024 15:28

Instrument :  
BNA\_N  
ClientSampleId :  
MCORF0DL

Tgt Ion:216 Resp: 390546  
Ion Ratio Lower Upper  
216 100  
214 80.9 63.1 94.7  
218 50.2 39.5 59.3



#76  
Pentachlorobenzene  
Concen: 1.073 ng/uL  
RT: 14.598 min Scan# 1974  
Delta R.T. -0.006 min  
Lab File: BN030978.D  
Acq: 17 Apr 2024 15:28

Tgt Ion:250 Resp: 10030  
Ion Ratio Lower Upper  
250 100  
248 59.6 45.8 68.6  
252 62.3 48.7 73.1

