

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
 Data File : BM047007.D  
 Acq On : 06 Aug 2024 01:25  
 Operator : RC/JU  
 Sample : P3171-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCVW7

Quant Time: Aug 06 02:14:35 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 03 02:51:11 2024  
 Response via : Initial Calibration

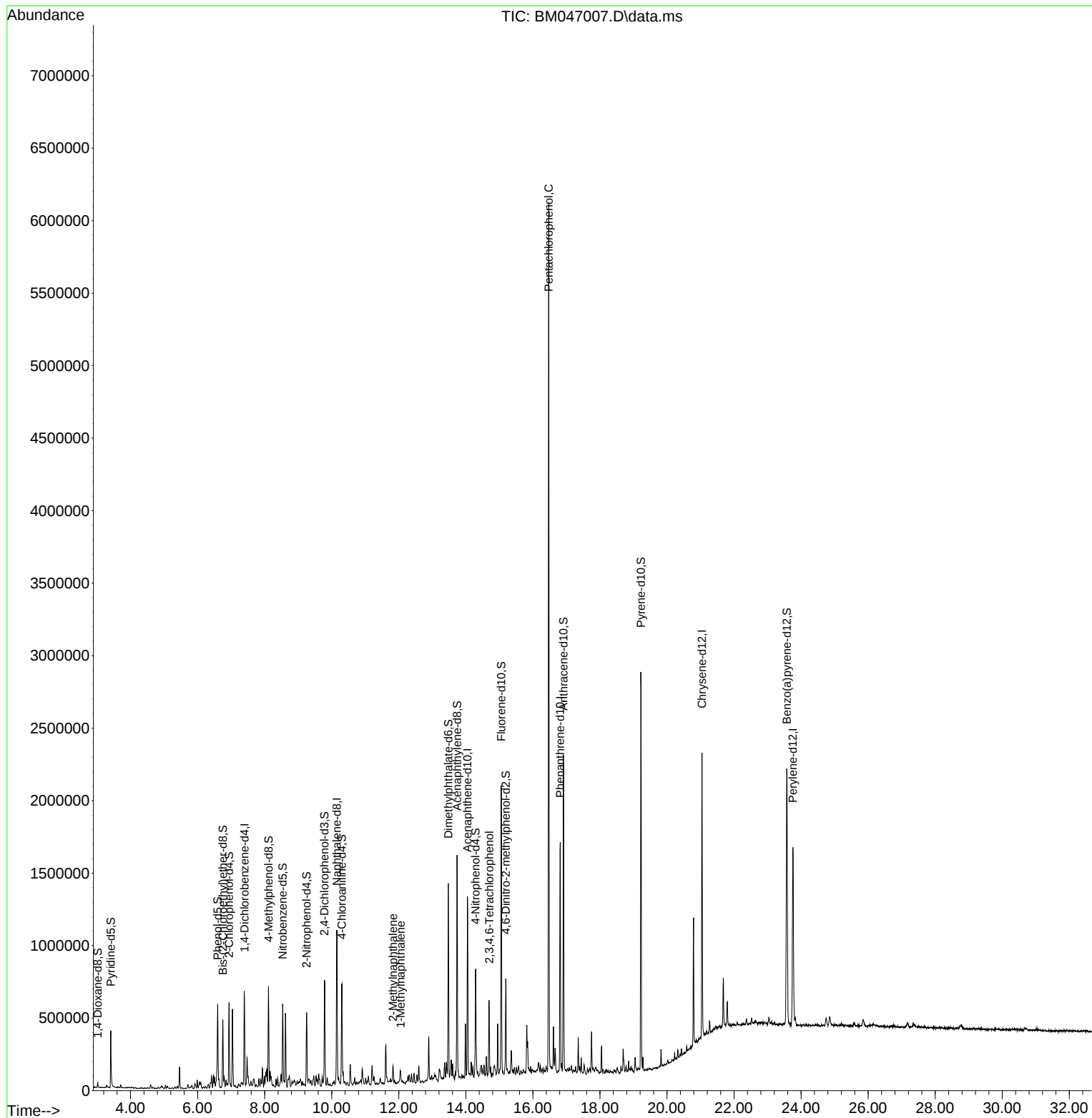
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.398  | 152  | 154356   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.151 | 136  | 603270   | 20.000  | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.051 | 164  | 416092   | 20.000  | ng/u1  | -0.01    |
| 64) Phenanthrene-d10          | 16.815 | 188  | 940171   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.044 | 240  | 918681   | 20.000  | ng/u1  | -0.01    |
| 88) Perylene-d12              | 23.756 | 264  | 1038311  | 20.000  | ng/u1  | -0.02    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.022  | 96   | 13892    | 3.566   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.410  | 84   | 202225   | 19.029  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.598  | 99   | 288320   | 24.589  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.751  | 67   | 196809   | 25.509  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 6.940  | 132  | 242103   | 24.375  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.116  | 113  | 238902   | 25.719  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.539  | 128  | 119879   | 24.764  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.251  | 143  | 135124   | 25.560  | ng/u1  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 9.786  | 165  | 244840   | 24.123  | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.304 | 131  | 341001   | 25.563  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.480 | 166  | 844799   | 26.554  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.739 | 160  | 955126   | 26.895  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.292 | 143  | 138831   | 22.569  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.057 | 176  | 742562   | 27.284  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.192 | 200  | 120675   | 20.316  | ng/u1  | -0.01    |
| 73) Anthracene-d10            | 16.909 | 188  | 1206095  | 27.061  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.221 | 212  | 1463979  | 27.838  | ng/u1  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.574 | 264  | 1549397  | 28.339  | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |         |        |          |
| 36) 2-Methylnaphthalene       | 11.827 | 142  | 48605    | 2.179   | ng/u1  | 99       |
| 37) 1-Methylnaphthalene       | 12.057 | 142  | 31650    | 1.402   | ng/u1# | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.698 | 232  | 80439    | 9.812   | ng/u1  | 95       |
| 71) Pentachlorophenol         | 16.474 | 266  | 941172   | 116.012 | ng/u1  | 98       |

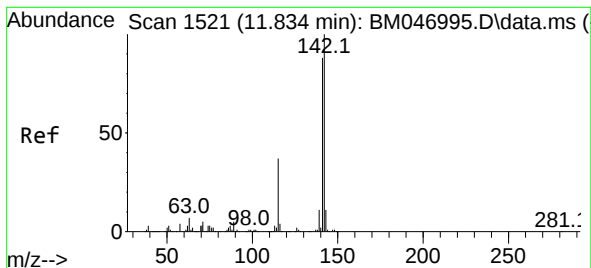
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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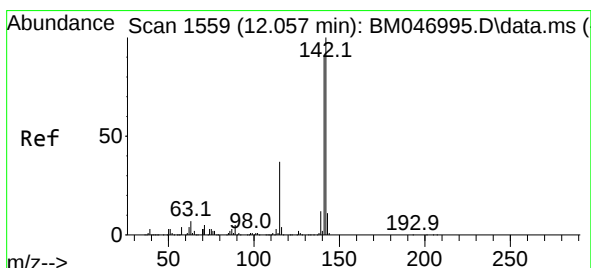
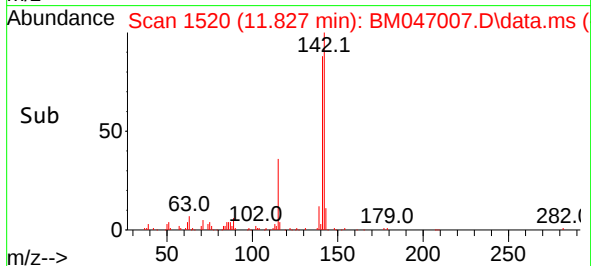
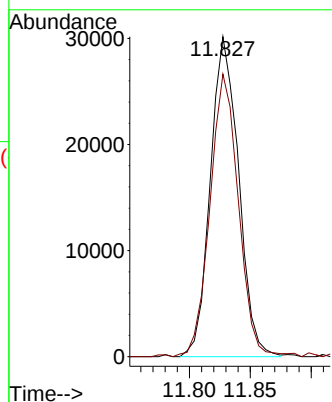
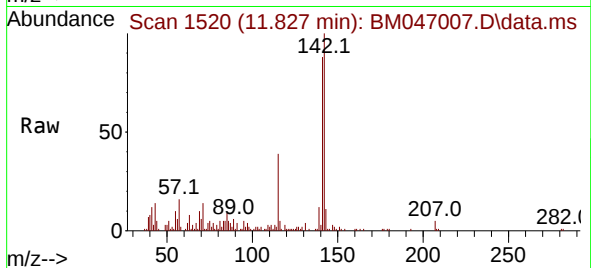




#36  
2-Methylnaphthalene  
Concen: 2.179 ng/ul  
RT: 11.827 min Scan# 1520  
Delta R.T. -0.012 min  
Lab File: BM047007.D  
Acq: 06 Aug 2024 01:25

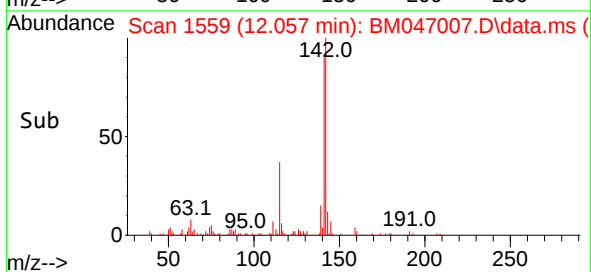
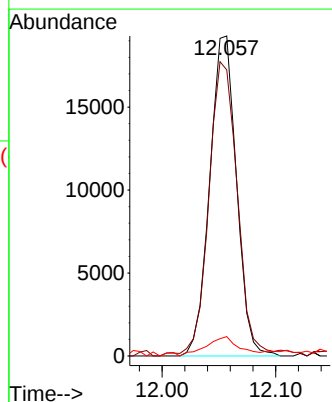
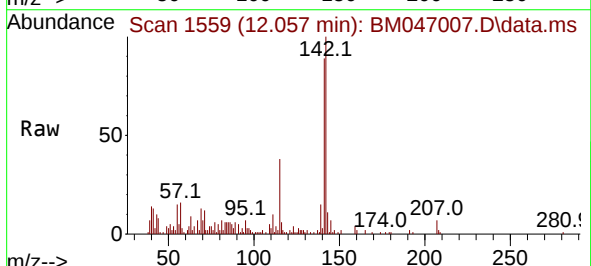
Instrument :  
BNA\_M  
ClientSampleId :  
DCVW7

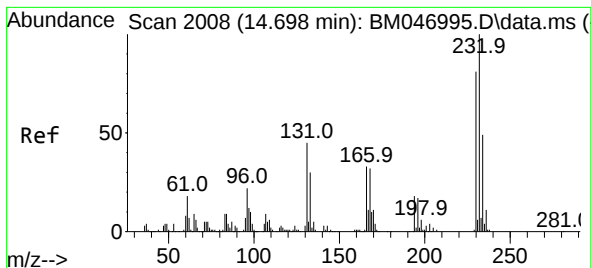
Tgt Ion:142 Resp: 48605  
Ion Ratio Lower Upper  
142 100  
141 88.3 69.9 104.9



#37  
1-Methylnaphthalene  
Concen: 1.402 ng/ul  
RT: 12.057 min Scan# 1559  
Delta R.T. -0.006 min  
Lab File: BM047007.D  
Acq: 06 Aug 2024 01:25

Tgt Ion:142 Resp: 31650  
Ion Ratio Lower Upper  
142 100  
141 89.4 72.0 108.0  
116 6.1 3.6 5.4#

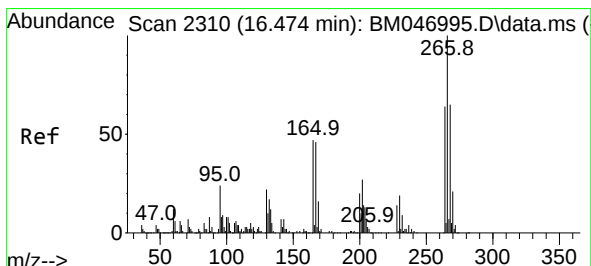
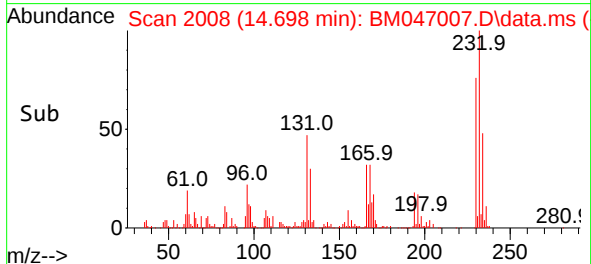
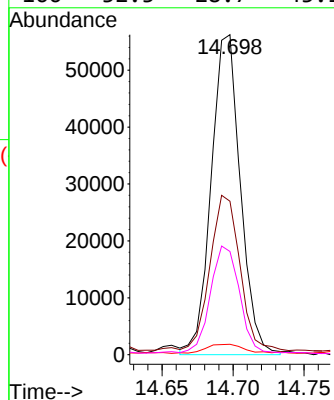
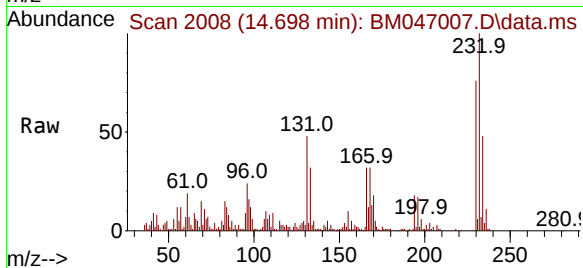




#58  
2,3,4,6-Tetrachlorophenol  
Concen: 9.812 ng/ul  
RT: 14.698 min Scan# 2008  
Delta R.T. -0.006 min  
Lab File: BM047007.D  
Acq: 06 Aug 2024 01:25

Instrument :  
BNA\_M  
ClientSampleId :  
DCVW7

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 80439 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 47.9  | 40.8  | 61.2  |
| 130       | 3.3   | 2.6   | 3.8   |
| 166       | 32.3  | 28.7  | 43.1  |



#71  
Pentachlorophenol  
Concen: 116.012 ng/ul  
RT: 16.474 min Scan# 2310  
Delta R.T. -0.006 min  
Lab File: BM047007.D  
Acq: 06 Aug 2024 01:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 941172 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 264       | 62.8  | 50.7  | 76.1   |
| 268       | 64.0  | 53.0  | 79.6   |

