

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082823\  
 Data File : BP016841.D  
 Acq On : 29 Aug 2023 20:12  
 Operator : MA/JU  
 Sample : 04134-10  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCHK4

Quant Time: Aug 29 22:28:21 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 29 01:12:28 2023  
 Response via : Initial Calibration

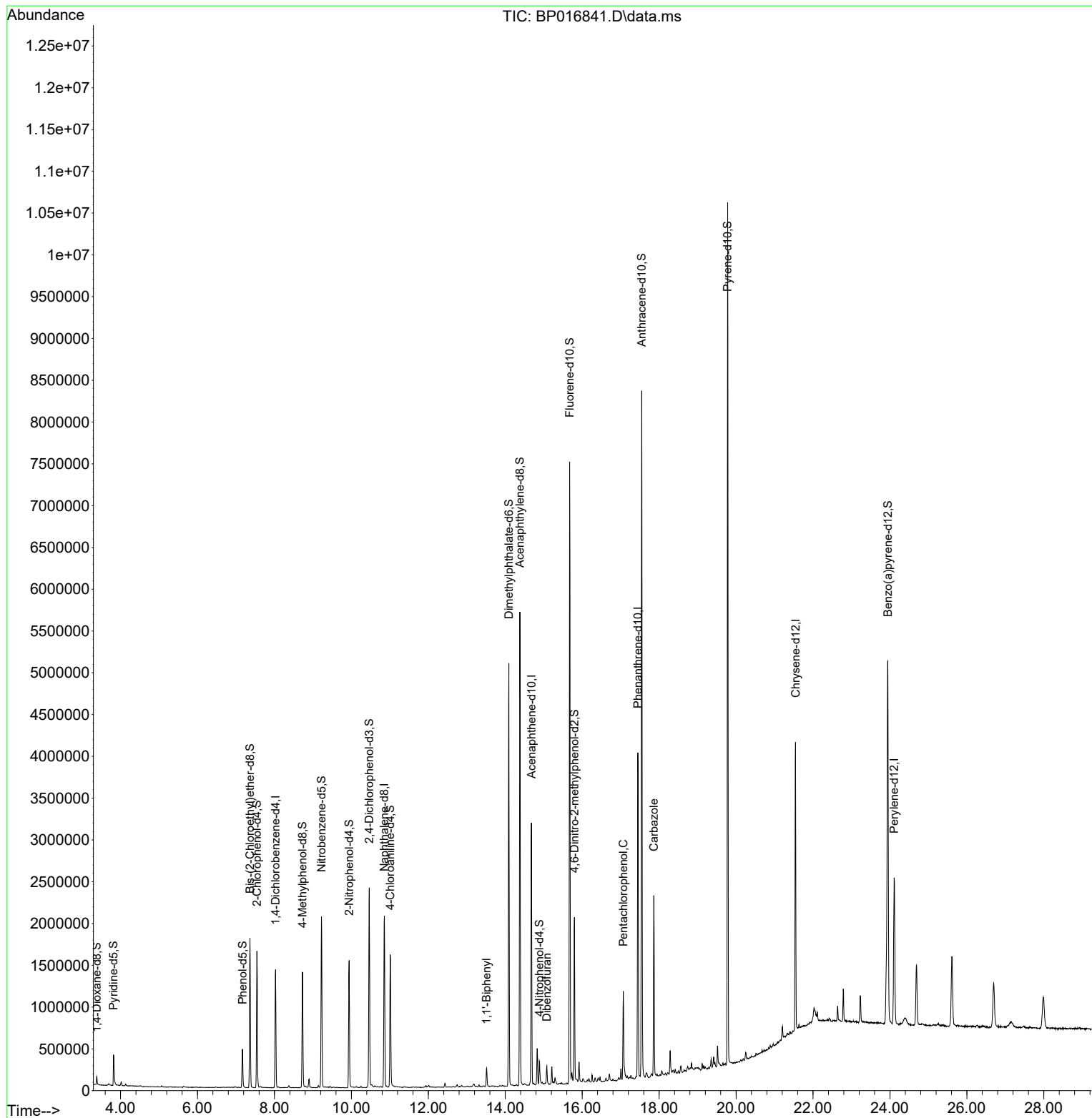
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.028  | 152  | 375627   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.857 | 136  | 1660943  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.681 | 164  | 1023871  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.445 | 188  | 2209422  | 20.000 | ng/ul  | -0.01    |
| 79) Chrysene-d12              | 21.545 | 240  | 1547394  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.110 | 264  | 1358108  | 20.000 | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.381  | 96   | 48425    | 5.328  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.817  | 84   | 206387   | 7.431  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.169  | 99   | 259426   | 7.767  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.363  | 67   | 763586   | 35.869 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.546  | 132  | 701932   | 27.951 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.728  | 113  | 501192   | 18.381 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.222  | 128  | 454699   | 36.207 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.940  | 143  | 447319   | 33.792 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.463 | 165  | 856050   | 34.688 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.010 | 131  | 824555   | 21.787 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.092 | 166  | 3197619  | 41.412 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.381 | 160  | 3506258  | 40.169 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.887 | 143  | 72465    | 4.541  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.675 | 176  | 2750202  | 42.296 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.798 | 200  | 372978   | 28.347 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.545 | 188  | 4488639  | 45.833 | ng/ul  | -0.01    |
| 81) Pyrene-d10                | 19.780 | 212  | 4916835  | 57.855 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.945 | 264  | 3194498  | 46.958 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 43) 1,1'-Biphenyl             | 13.510 | 154  | 90607    | 1.190  | ng/ul  | 96       |
| 56) Dibenzofuran              | 15.081 | 168  | 133457   | 1.472  | ng/ul  | 98       |
| 71) Pentachlorophenol         | 17.069 | 266  | 131640   | 7.477  | ng/ul  | 98       |
| 77) Carbazole                 | 17.863 | 167  | 1264168  | 11.935 | ng/ul  | 99       |
| -----                         |        |      |          |        |        |          |

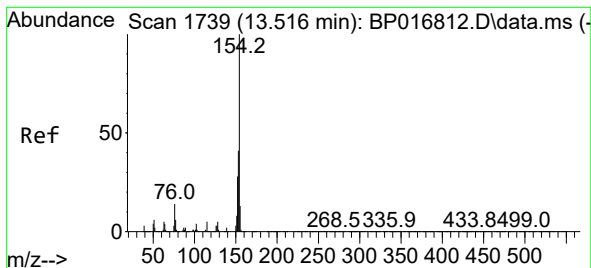
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#43

1,1'-Biphenyl

Concen: 1.190 ng/ul

RT: 13.510 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP016841.D

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BNA\_P

ClientSampleId :

DCHK4

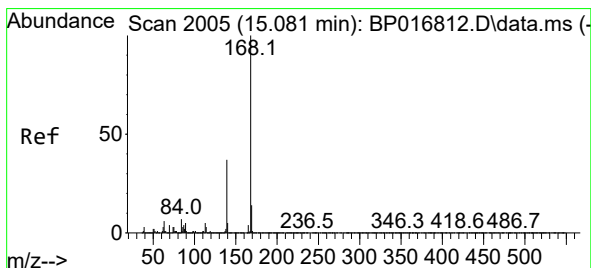
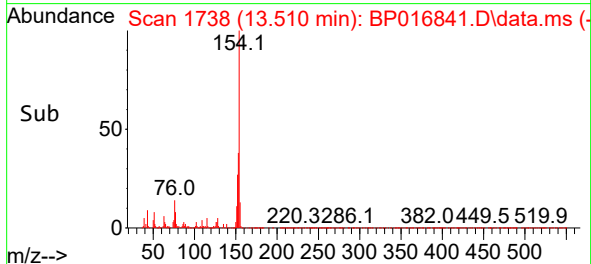
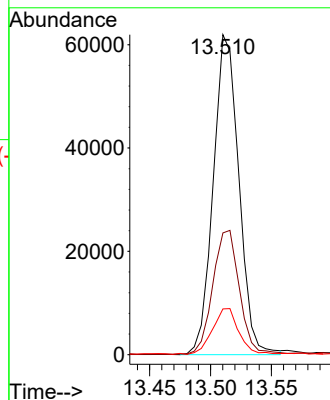
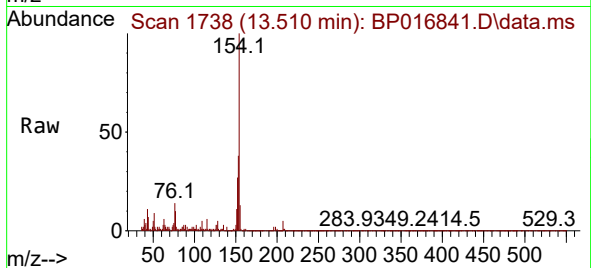
Tgt Ion:154 Resp: 90607

Ion Ratio Lower Upper

154 100

153 38.1 32.7 49.1

76 14.3 11.3 16.9



#56

Dibenzofuran

Concen: 1.472 ng/ul

RT: 15.081 min Scan# 2005

Delta R.T. -0.006 min

Lab File: BP016841.D

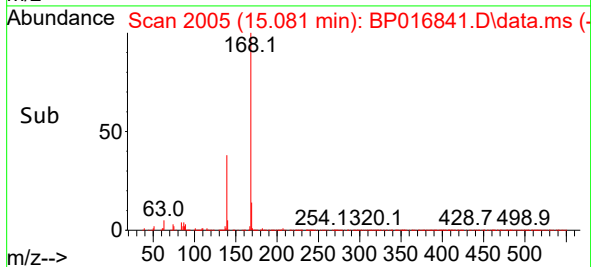
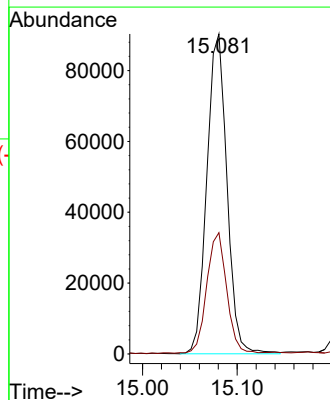
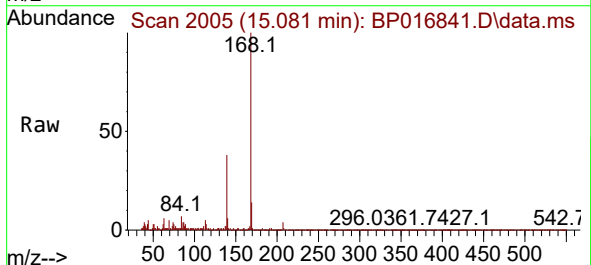
Acq: 29 Aug 2023 20:12

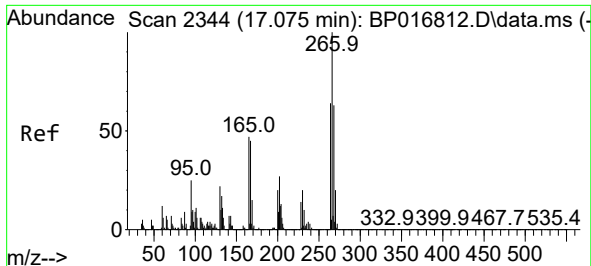
Tgt Ion:168 Resp: 133457

Ion Ratio Lower Upper

168 100

139 37.9 29.2 43.8

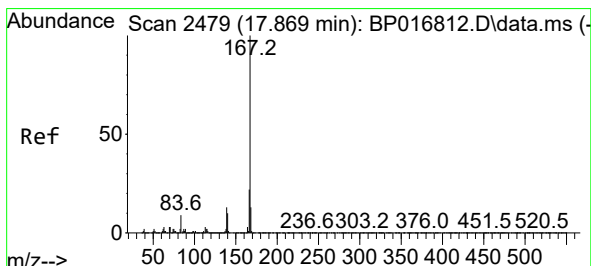
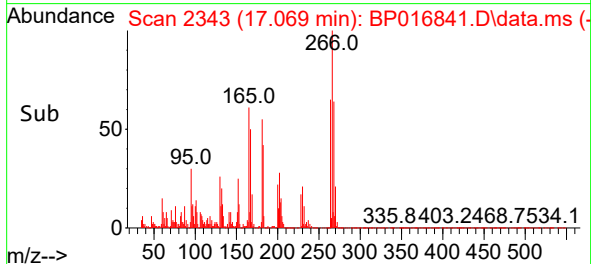
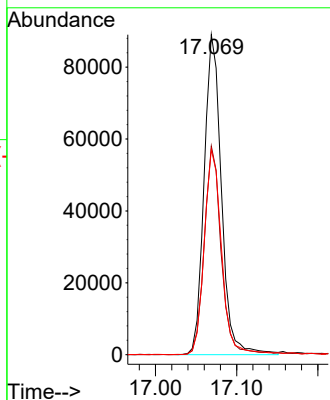
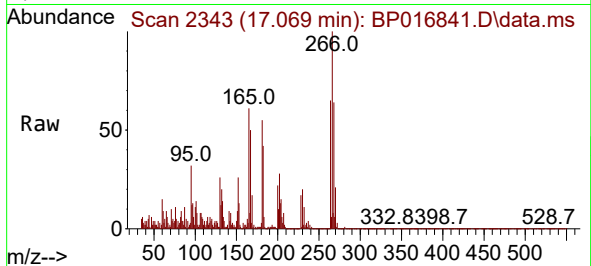




#71  
 Pentachlorophenol  
 Concen: 7.477 ng/ul  
 RT: 17.069 min Scan# 21  
 Delta R.T. -0.006 min  
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 Acq: 29 Aug 2023 20:12

Instrument :  
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 DCHK4

Tgt Ion:266 Resp: 131640  
 Ion Ratio Lower Upper  
 266 100  
 264 65.2 50.7 76.1  
 268 64.2 50.8 76.2



#77  
 Carbazole  
 Concen: 11.935 ng/ul  
 RT: 17.863 min Scan# 2478  
 Delta R.T. -0.006 min  
 Lab File: BP016841.D  
 Acq: 29 Aug 2023 20:12

Tgt Ion:167 Resp: 1264168  
 Ion Ratio Lower Upper  
 167 100  
 166 21.3 17.4 26.2  
 139 13.0 10.4 15.6

