

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020223\  
 Data File : BN023938.D  
 Acq On : 03 Feb 2023 12:06  
 Operator : CG/JU  
 Sample : 01316-04  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A44G8

Quant Time: Feb 03 21:51:03 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN020123.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 02 02:10:45 2023  
 Response via : Initial Calibration

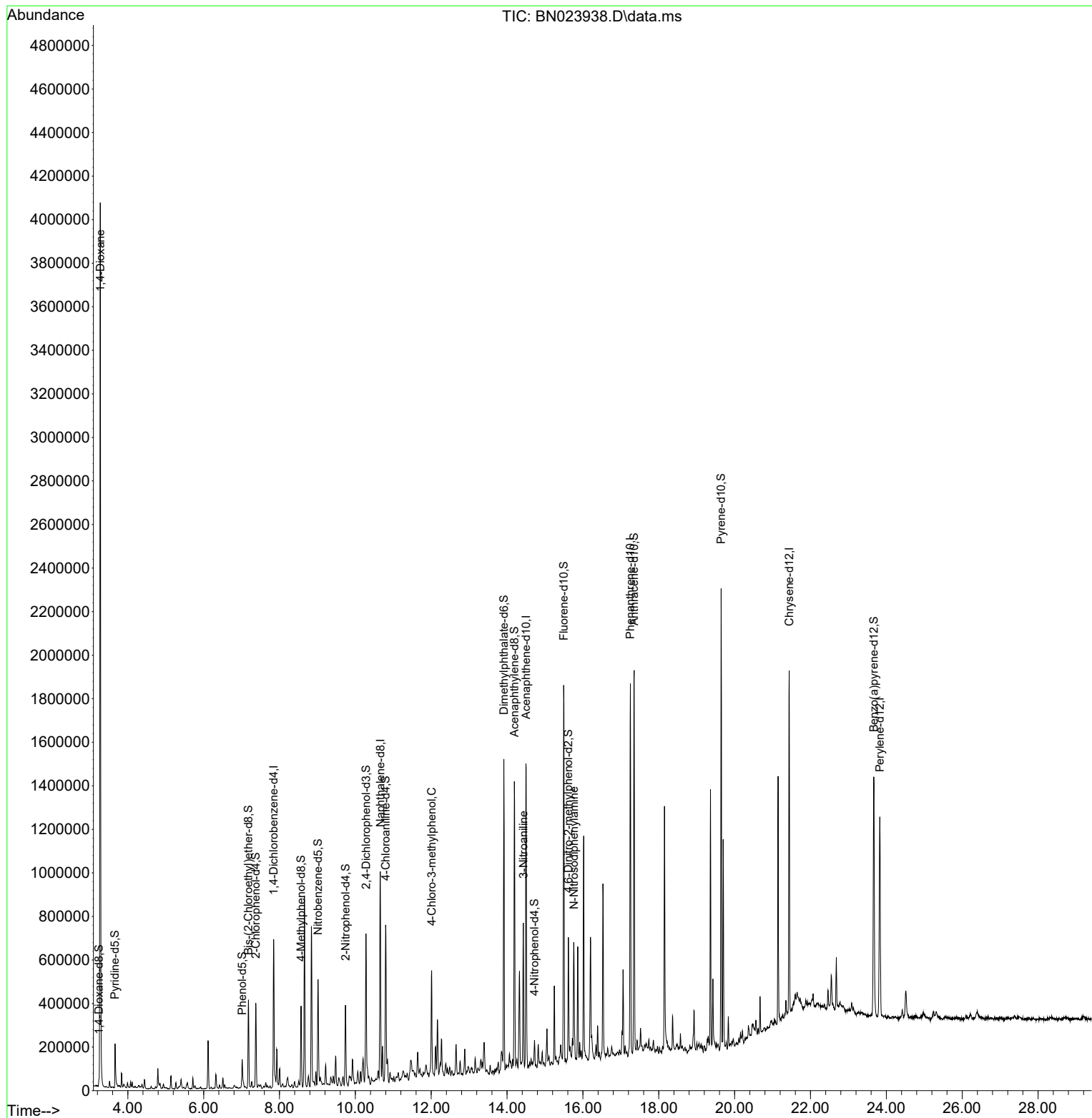
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.846  | 152  | 168468   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.657 | 136  | 715709   | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.498 | 164  | 452229   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.251 | 188  | 954799   | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.439 | 240  | 728013   | 20.000  | ng/ul  | -0.01    |
| 88) Perylene-d12              | 23.827 | 264  | 692816   | 20.000  | ng/ul  | -0.02    |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.240  | 96   | 16529    | 3.960   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.664  | 84   | 108223   | 9.279   | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.016  | 99   | 63151    | 4.293   | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.181  | 67   | 169905   | 18.274  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.375  | 132  | 156494   | 13.605  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.569  | 113  | 118275   | 10.135  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.016  | 128  | 101556   | 17.489  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.740  | 143  | 96124    | 14.548  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.281 | 165  | 206595   | 16.746  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.799 | 131  | 332228   | 19.739  | ng/ul  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.916 | 166  | 826726   | 22.898  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.192 | 160  | 804642   | 20.602  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.722 | 143  | 22779    | 3.480   | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.492 | 176  | 630132   | 20.818  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.616 | 200  | 103807   | 15.364  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.351 | 188  | 966735   | 21.748  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.645 | 212  | 1040570  | 23.542  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.668 | 264  | 767105   | 21.333  | ng/ul  | -0.02    |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) 1,4-Dioxane                | 3.275  | 88   | 2120126  | 493.089 | ng/uL# | 83       |
| 35) 4-Chloro-3-methylphenol   | 12.010 | 107  | 107702   | 8.440   | ng/ul# | 19       |
| 51) 3-Nitroaniline            | 14.428 | 138  | 14783    | 2.312   | ng/ul# | 1        |
| 67) N-Nitrosodiphenylamine    | 15.763 | 169  | 52131    | 1.891   | ng/ul  | 97       |
| -----                         |        |      |          |         |        |          |

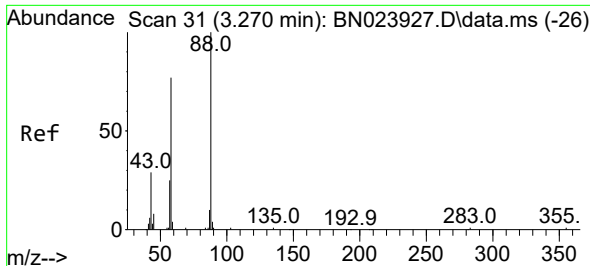
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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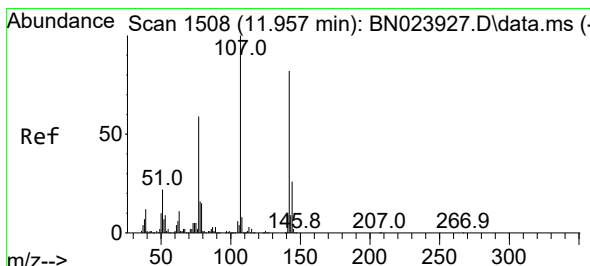
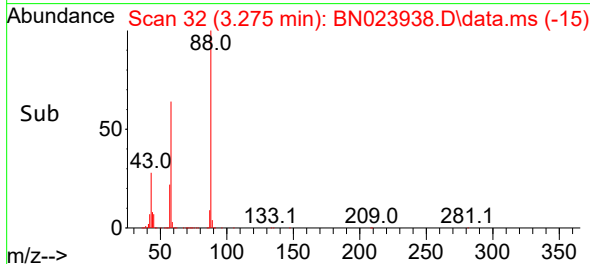
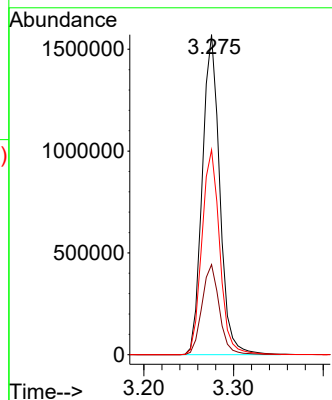
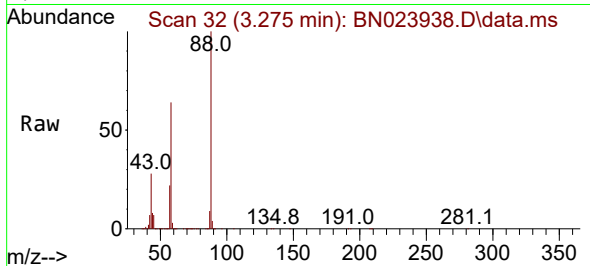




#2  
1,4-Dioxane  
Concen: 493.089 ng/uL  
RT: 3.275 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: BN023938.D  
Acq: 03 Feb 2023 12:06

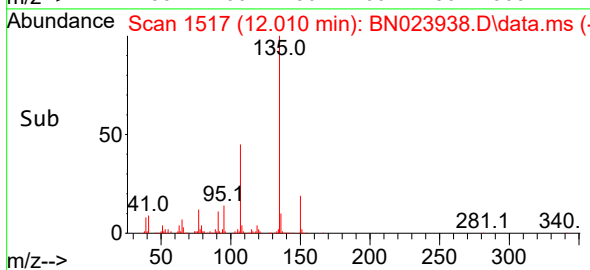
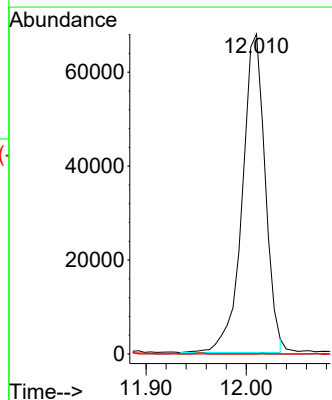
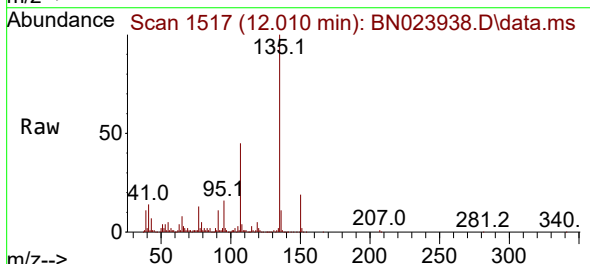
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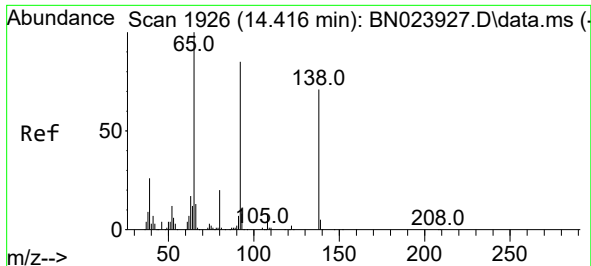
Tgt Ion: 88 Resp: 2120126  
Ion Ratio Lower Upper  
88 100  
43 28.1 42.1 63.1#  
58 64.0 53.8 80.6



#35  
4-Chloro-3-methylphenol  
Concen: 8.440 ng/uL  
RT: 12.010 min Scan# 1517  
Delta R.T. 0.047 min  
Lab File: BN023938.D  
Acq: 03 Feb 2023 12:06

Tgt Ion: 107 Resp: 107702  
Ion Ratio Lower Upper  
107 100  
144 0.0 21.7 32.5#  
142 0.0 63.7 95.5#

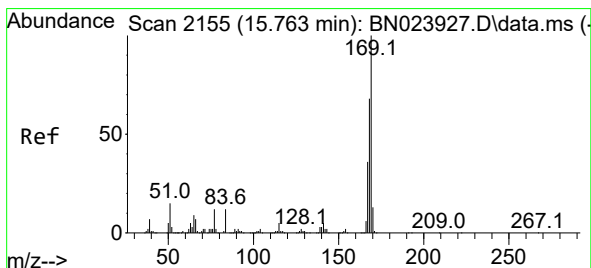
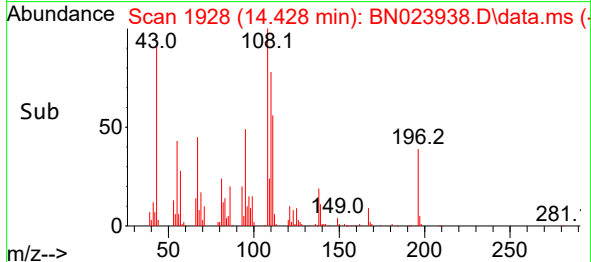
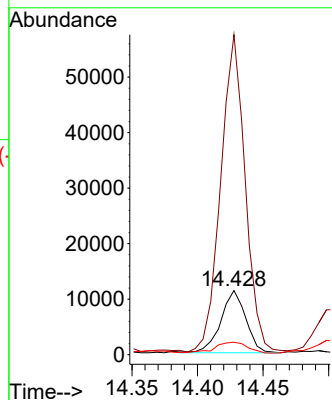
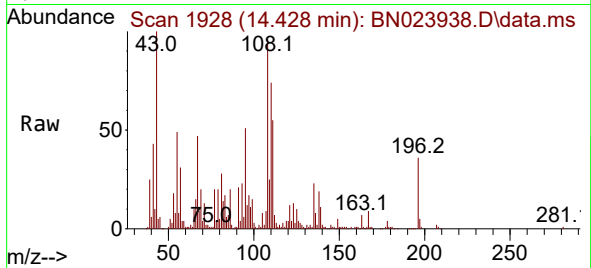




#51  
3-Nitroaniline  
Concen: 2.312 ng/ul  
RT: 14.428 min Scan# 1928  
Delta R.T. 0.006 min  
Lab File: BN023938.D  
Acq: 03 Feb 2023 12:06

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Tgt Ion:138 Resp: 14783  
Ion Ratio Lower Upper  
138 100  
108 498.2 9.1 13.7#  
92 19.5 97.6 146.4#



#67  
N-Nitrosodiphenylamine  
Concen: 1.891 ng/ul  
RT: 15.763 min Scan# 2155  
Delta R.T. -0.006 min  
Lab File: BN023938.D  
Acq: 03 Feb 2023 12:06

Tgt Ion:169 Resp: 52131  
Ion Ratio Lower Upper  
169 100  
168 64.9 52.2 78.2  
167 39.1 27.3 40.9

