

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122023\  
 Data File : BP018959.D  
 Acq On : 20 Dec 2023 13:59  
 Operator : MA/JU  
 Sample : 05850-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0QL9

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023  
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 20 22:14:12 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 19 05:28:03 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.828  | 152  | 123559   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.622 | 136  | 454481   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.463 | 164  | 281460   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.210 | 188  | 646450   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.304 | 240  | 717201   | 20.000 | ng/u1  | #-0.01   |
| 88) Perylene-d12              | 23.669 | 264  | 889824   | 20.000 | ng/u1  | -0.02    |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.252  | 96   | 13016    | 3.590  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.675  | 84   | 56546    | 5.822  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.999  | 99   | 56174    | 4.530  | ng/u1  | -0.02    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.164  | 67   | 183711   | 24.998 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.358  | 132  | 186771   | 19.304 | ng/u1  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.540  | 113  | 108522   | 10.815 | ng/u1  | -0.02    |
| 21) Nitrobenzene-d5           | 8.987  | 128  | 120456   | 29.779 | ng/u1  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.710  | 143  | 126892   | 30.257 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.246 | 165  | 216983   | 25.303 | ng/u1  | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.763 | 131  | 195496   | 17.444 | ng/u1  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.875 | 166  | 725256   | 28.871 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.151 | 160  | 841852   | 30.434 | ng/u1  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.687 | 143  | 17273m   | 4.189  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.451 | 176  | 656281   | 31.124 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 200  | 104102   | 26.857 | ng/u1  | -0.01    |
| 73) Anthracene-d10            | 17.310 | 188  | 1093780  | 32.184 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.551 | 212  | 1367677  | 24.498 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.516 | 264  | 1606945  | 30.972 | ng/u1  | -0.02    |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
| 22) Nitrobenzene              | 9.028  | 77   | 15372    | 1.563  | ng/u1# | 95       |
| 75) 1,2,3,4-Tetrachloroben... | 13.257 | 216  | 16549    | 1.481  | ng/uL  | 91       |
| -----                         |        |      |          |        |        |          |

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

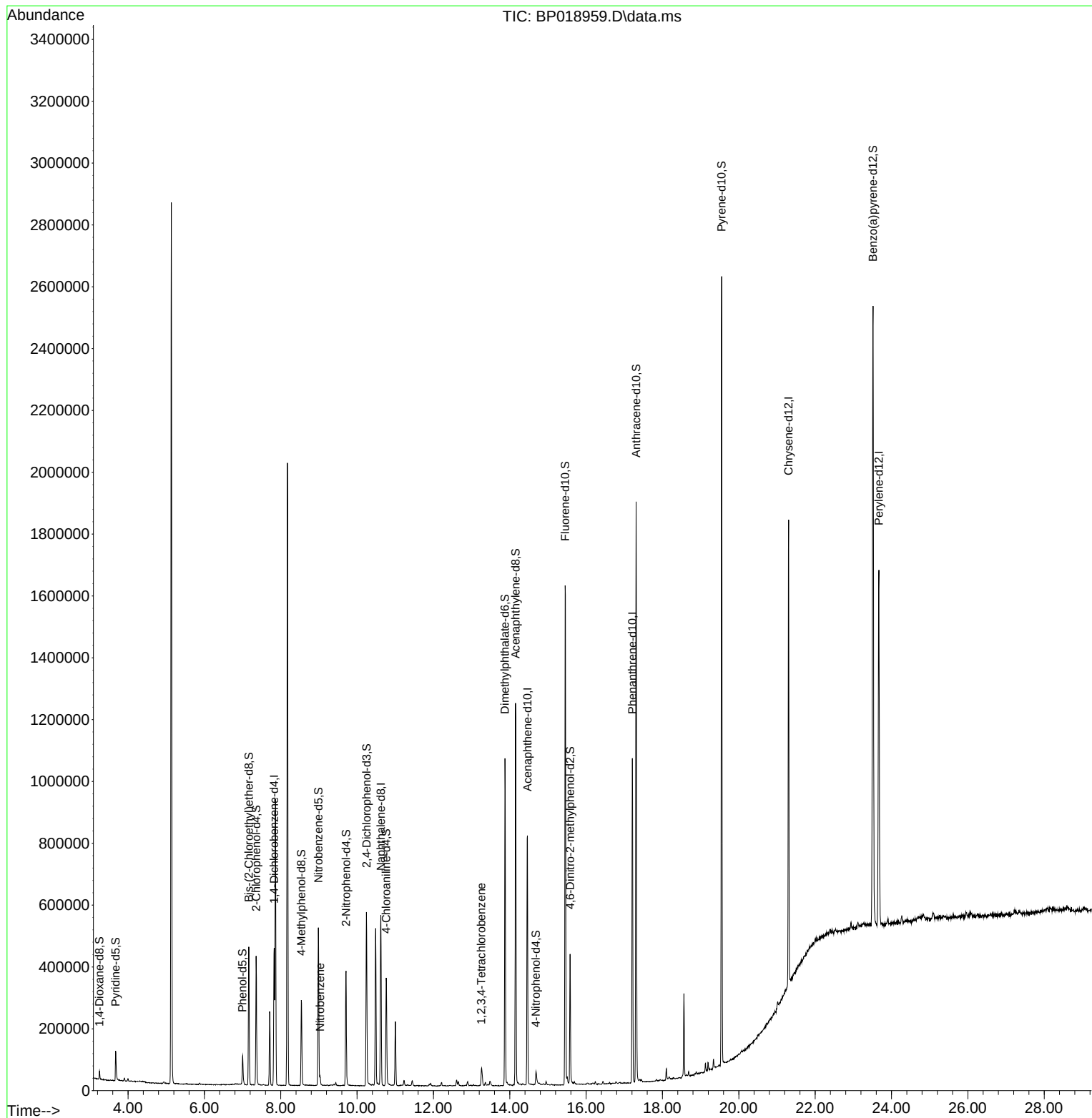
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122023\  
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Operator : MA/JU  
Sample : 05850-02  
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ALS Vial : 10 Sample Multiplier: 1

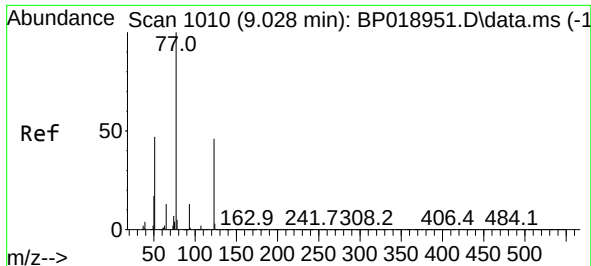
Instrument :  
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ClientSampleId :  
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Quant Time: Dec 20 22:14:12 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
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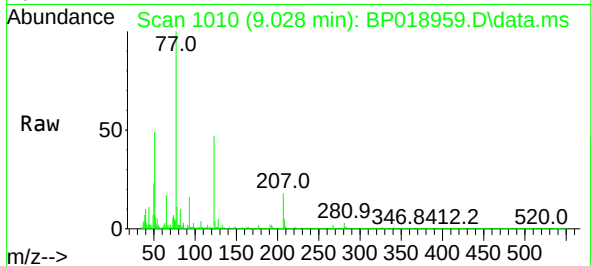
Reviewed By :Yogesh Patel 12/21/2023  
Supervised By :mohammad ahmed 12/22/2023





#22  
Nitrobenzene  
Concen: 1.563 ng/uI  
RT: 9.028 min Scan# 1010  
Delta R.T. -0.012 min  
Lab File: BP018959.D  
Acq: 20 Dec 2023 13:59

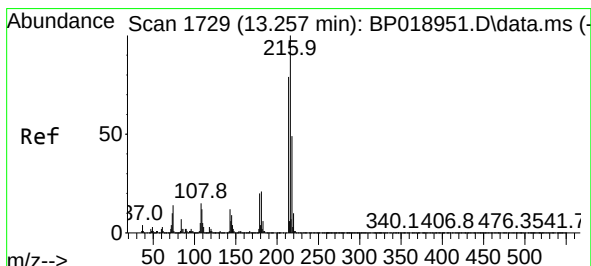
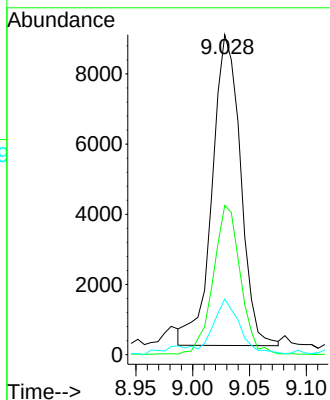
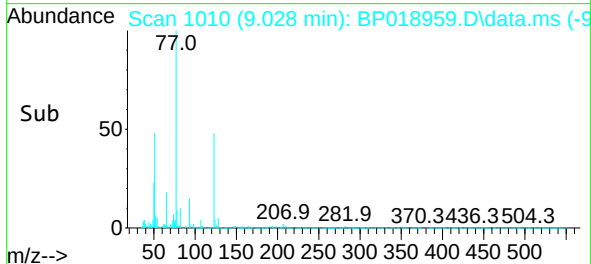
Instrument :  
BNA\_P  
ClientSampleId :  
C0QL9



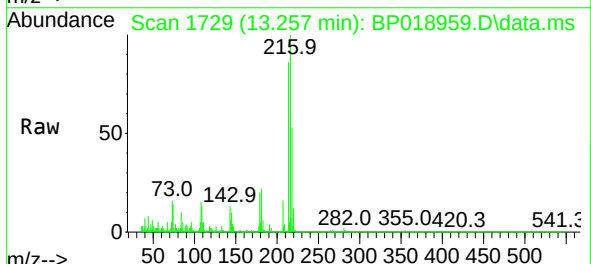
Tgt Ion: 77 Resp: 15372  
Ion Ratio Lower Upper  
77 100  
123 46.7 35.8 53.8  
65 17.4 10.5 15.7

Manual Integrations  
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#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 1.481 ng/uL  
RT: 13.257 min Scan# 1729  
Delta R.T. -0.006 min  
Lab File: BP018959.D  
Acq: 20 Dec 2023 13:59



Tgt Ion:216 Resp: 16549  
Ion Ratio Lower Upper  
216 100  
214 86.4 61.4 92.2  
218 52.8 39.2 58.8

