

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM120622\  
 Data File : BM037854.D  
 Acq On : 06 Dec 2022 14:58  
 Operator : CG/JU  
 Sample : N5785-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COL70

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2022  
 Supervised By :mohammad ahmed 12/08/2022

Quant Time: Dec 06 21:48:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM120122.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 02 01:14:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.093  | 152  | 298466   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.910 | 136  | 1211267  | 20.000 | ng/u1  | -0.01    |
| 38) Acenaphthene-d10          | 14.722 | 164  | 717466   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.457 | 188  | 1380753  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.627 | 240  | 1023962  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.109 | 264  | 1157775  | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.428  | 96   | 22663m   | 3.562  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.875  | 84   | 110604   | 5.376  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.246  | 99   | 163014   | 6.062  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.410  | 67   | 408850   | 26.061 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.616  | 132  | 204804   | 10.074 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.799  | 113  | 170592   | 7.977  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.263  | 128  | 286083   | 29.733 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.993  | 143  | 30267    | 3.040  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.528 | 165  | 183671   | 9.947  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.051 | 131  | 601102   | 21.224 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.128 | 166  | 1603113  | 32.539 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.416 | 160  | 1880583  | 31.386 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.922 | 143  | 16208    | 1.585  | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.704 | 176  | 1487666  | 33.284 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.833 | 200  | 135      | 0.019  | ng/u1  | 0.01     |
| 73) Anthracene-d10            | 17.557 | 188  | 2315804  | 36.470 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.839 | 212  | 2322189  | 43.782 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.950 | 264  | 2056111  | 35.450 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 22) Nitrobenzene              | 9.304  | 77   | 105436   | 5.229  | ng/u1  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.522 | 216  | 122138   | 6.561  | ng/uL  | 99       |
| -----                         |        |      |          |        |        |          |

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

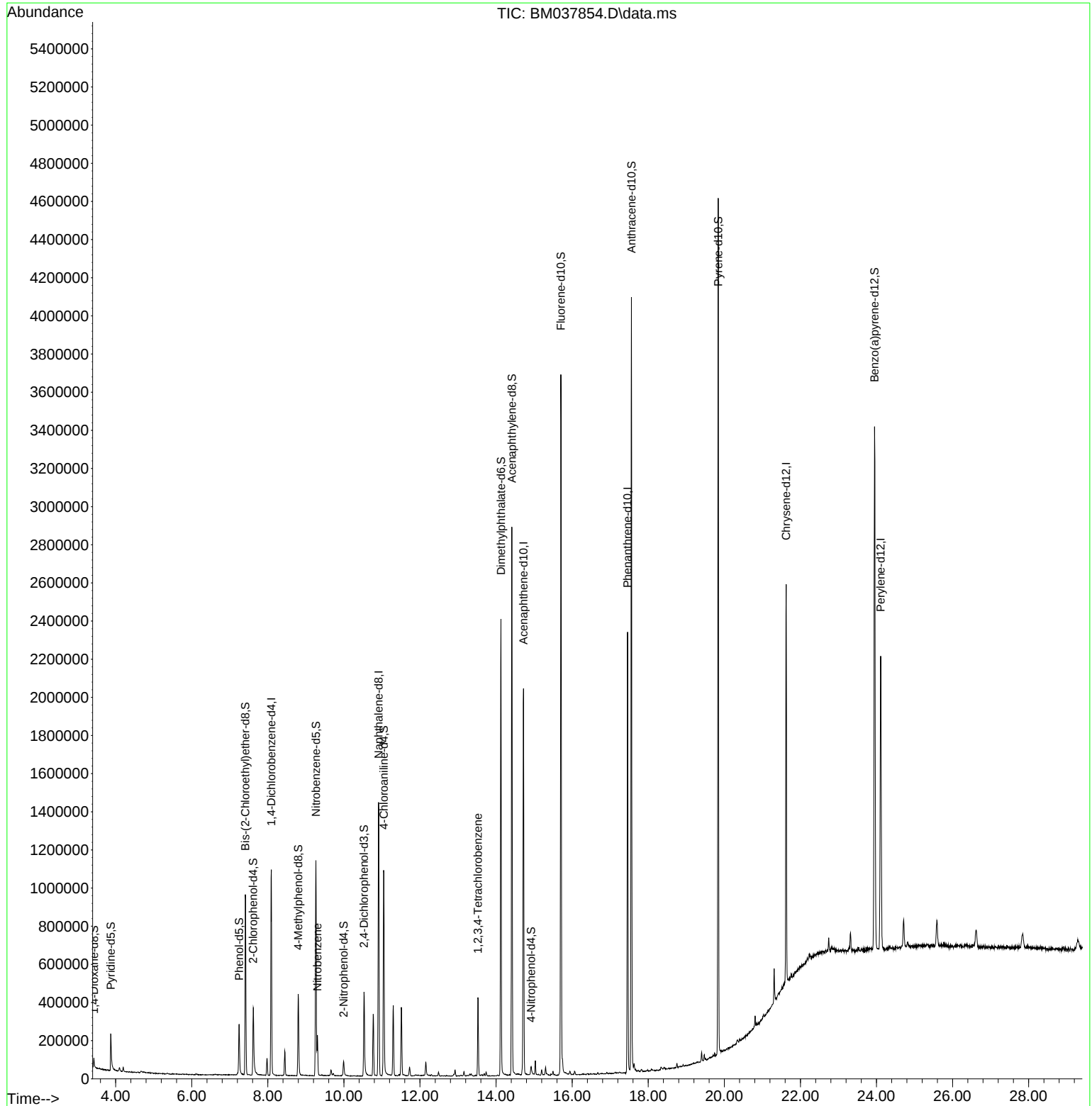
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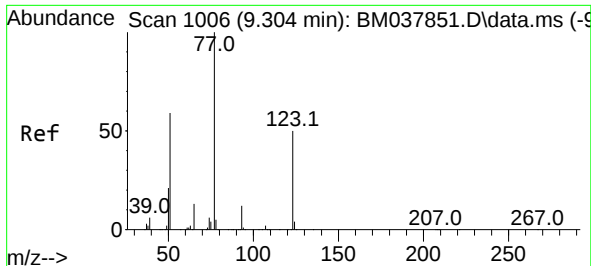
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#22

Nitrobenzene

Concen: 5.229 ng/uI

RT: 9.304 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BM037854.D

Acq: 06 Dec 2022 14:58

Instrument :

BNA\_M

ClientSampleId :

COL70

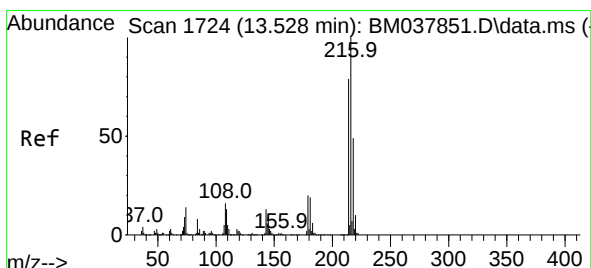
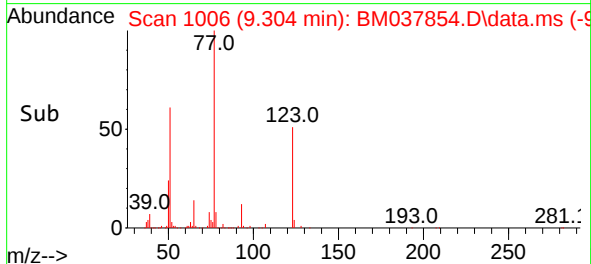
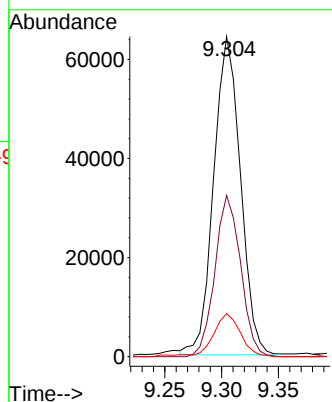
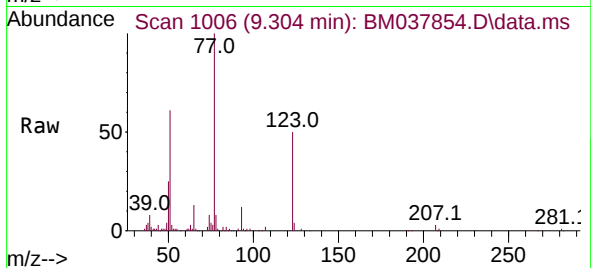
Tgt Ion: 77 Resp: 105436

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 50.4  | 41.4  | 62.0  |
| 65  | 13.4  | 10.9  | 16.3  |

Manual Integrations

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#75

1,2,3,4-Tetrachlorobenzene

Concen: 6.561 ng/uI

RT: 13.522 min Scan# 1723

Delta R.T. -0.012 min

Lab File: BM037854.D

Acq: 06 Dec 2022 14:58

Tgt Ion:216 Resp: 122138

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 79.3  | 63.0  | 94.6  |
| 218 | 49.4  | 40.0  | 60.0  |

