

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111324\  
 Data File : BP023146.D  
 Acq On : 15 Nov 2024 19:28  
 Operator : RC/JU  
 Sample : P4803-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 A0AP2

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/16/2024  
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 15 23:53:38 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110924.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 13 04:49:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.581  | 152  | 57752    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.322 | 136  | 222498   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.187 | 164  | 174418   | 20.000 | ng/u1  | -0.02    |
| 64) Phenanthrene-d10          | 17.004 | 188  | 439768   | 20.000 | ng/u1  | -0.01    |
| 79) Chrysene-d12              | 21.445 | 240  | 512474   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.674 | 264  | 590926   | 20.000 | ng/u1  | 0.02     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.140  | 96   | 6578     | 5.475  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.575  | 84   | 1248m    | 0.350  | ng/u1  | 0.03     |
| 7) Phenol-d5                  | 6.793  | 99   | 84956    | 19.897 | ng/u1  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.928  | 67   | 101797   | 40.580 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.128  | 132  | 146055   | 46.707 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.299  | 113  | 136532   | 38.858 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.722  | 128  | 67290    | 43.442 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.434  | 143  | 82784    | 44.829 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.969  | 165  | 184308   | 47.659 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.487 | 131  | 61425    | 13.314 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.610 | 166  | 574613   | 45.710 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.881 | 160  | 570869   | 43.522 | ng/u1  | -0.02    |
| 54) 4-Nitrophenol-d4          | 14.498 | 143  | 25580m   | 13.540 | ng/u1  | 0.05     |
| 60) Fluorene-d10              | 15.204 | 176  | 497643   | 45.152 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.369 | 200  | 71460m   | 27.125 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.098 | 188  | 907699   | 48.748 | ng/u1  | -0.02    |
| 81) Pyrene-d10                | 19.498 | 212  | 1155449  | 48.949 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.445 | 264  | 1401585  | 49.793 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 6) Benzaldehyde               | 6.757  | 77   | 9947     | 4.048  | ng/u1  | 96       |
| 16) Acetophenone              | 8.404  | 105  | 8893     | 1.506  | ng/u1# | 97       |
| -----                         |        |      |          |        |        |          |

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

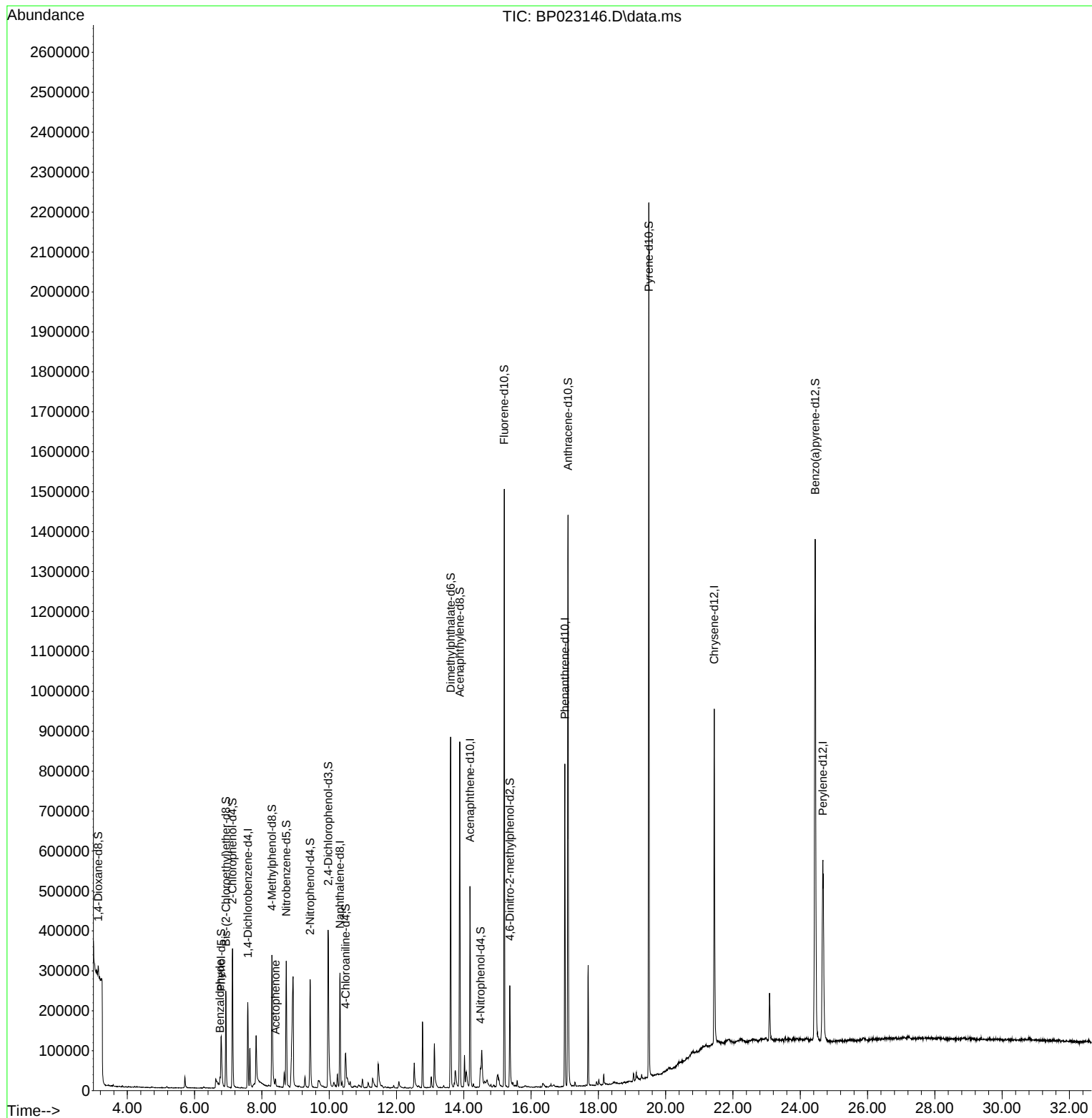
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111324\  
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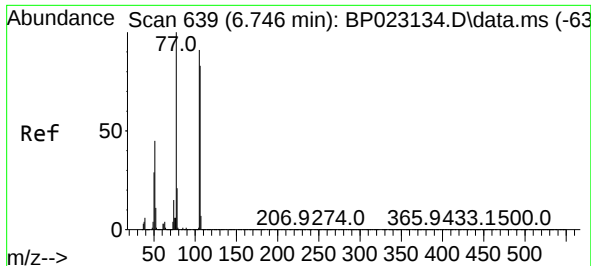
Instrument :  
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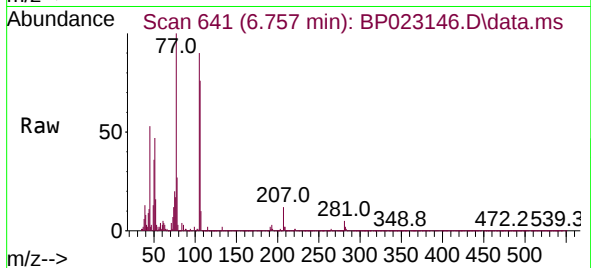
Reviewed By :Yogesh Patel 11/16/2024  
Supervised By :mohammad ahmed 11/18/2024





#6  
Benzaldehyde  
Concen: 4.048 ng/ul  
RT: 6.757 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: BP023146.D  
Acq: 15 Nov 2024 19:28

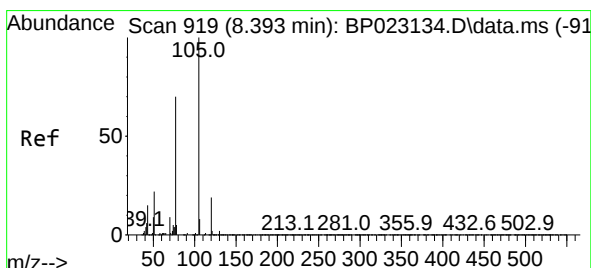
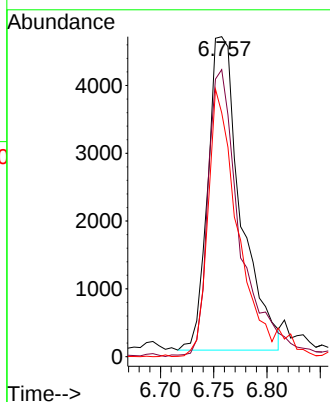
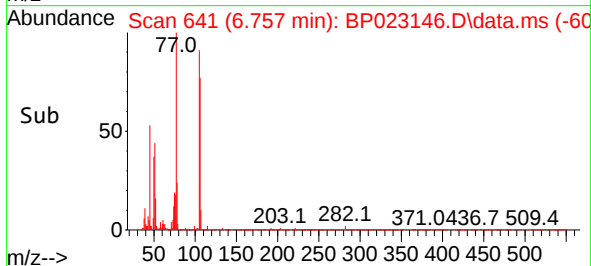
Instrument :  
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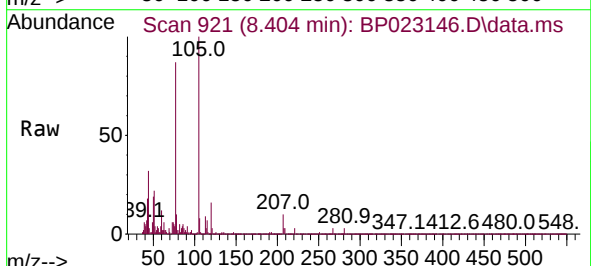
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 994   |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 89.7  | 72.5  | 108.7 |
| 106       | 76.2  | 65.5  | 98.3  |

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#16  
Acetophenone  
Concen: 1.506 ng/ul  
RT: 8.404 min Scan# 921  
Delta R.T. 0.012 min  
Lab File: BP023146.D  
Acq: 15 Nov 2024 19:28



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 8893  |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 77        | 86.6  | 69.4  | 104.0 |
| 51        | 22.3  | 23.2  | 34.8  |

