

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010224\  
 Data File : BM043748.D  
 Acq On : 04 Jan 2024 00:09  
 Operator : MA/JU  
 Sample : 05951-04  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GCF68

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024  
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 04 00:53:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM121523.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 29 22:31:57 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.957  | 152  | 315219   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.769 | 136  | 1280300  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.598 | 164  | 759374   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.345 | 188  | 1565780  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.533 | 240  | 1346788  | 20.000 | ng/u1  | 0.01     |
| 88) Perylene-d12              | 23.956 | 264  | 1535071  | 20.000 | ng/u1  | 0.02     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.375  | 96   | 31759    | 3.275  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.805  | 84   | 414130   | 14.836 | ng/u1  | 0.02     |
| 7) Phenol-d5                  | 7.140  | 99   | 653878   | 18.235 | ng/u1  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.299  | 67   | 401083   | 17.661 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.493  | 132  | 530483   | 19.376 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.687  | 113  | 471836   | 16.957 | ng/u1  | 0.02     |
| 21) Nitrobenzene-d5           | 9.140  | 128  | 251817   | 20.329 | ng/u1  | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.857  | 143  | 288170   | 22.515 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.398 | 165  | 490612   | 21.714 | ng/u1  | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.928 | 131  | 241986   | 7.280  | ng/u1  | 0.02     |
| 46) Dimethylphthalate-d6      | 14.016 | 166  | 1478576  | 21.629 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.292 | 160  | 1812228  | 22.348 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.839 | 143  | 210321   | 16.256 | ng/u1  | 0.05     |
| 60) Fluorene-d10              | 15.592 | 176  | 1327069  | 23.477 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.728 | 200  | 116773   | 11.276 | ng/u1  | 0.02     |
| 73) Anthracene-d10            | 17.451 | 188  | 1841450  | 20.970 | ng/u1  | 0.01     |
| 81) Pyrene-d10                | 19.739 | 212  | 2130779  | 20.040 | ng/u1  | 0.01     |
| 92) Benzo(a)pyrene-d12        | 23.798 | 264  | 2032257  | 21.453 | ng/u1  | 0.02     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        | Qvalue |          |
| 6) Benzaldehyde               | 7.110  | 77   | 29805    | 1.753  | ng/u1  | 95       |
| 71) Pentachlorophenol         | 16.998 | 266  | 35527m   | 2.765  | ng/u1  |          |
| -----                         |        |      |          |        |        |          |

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

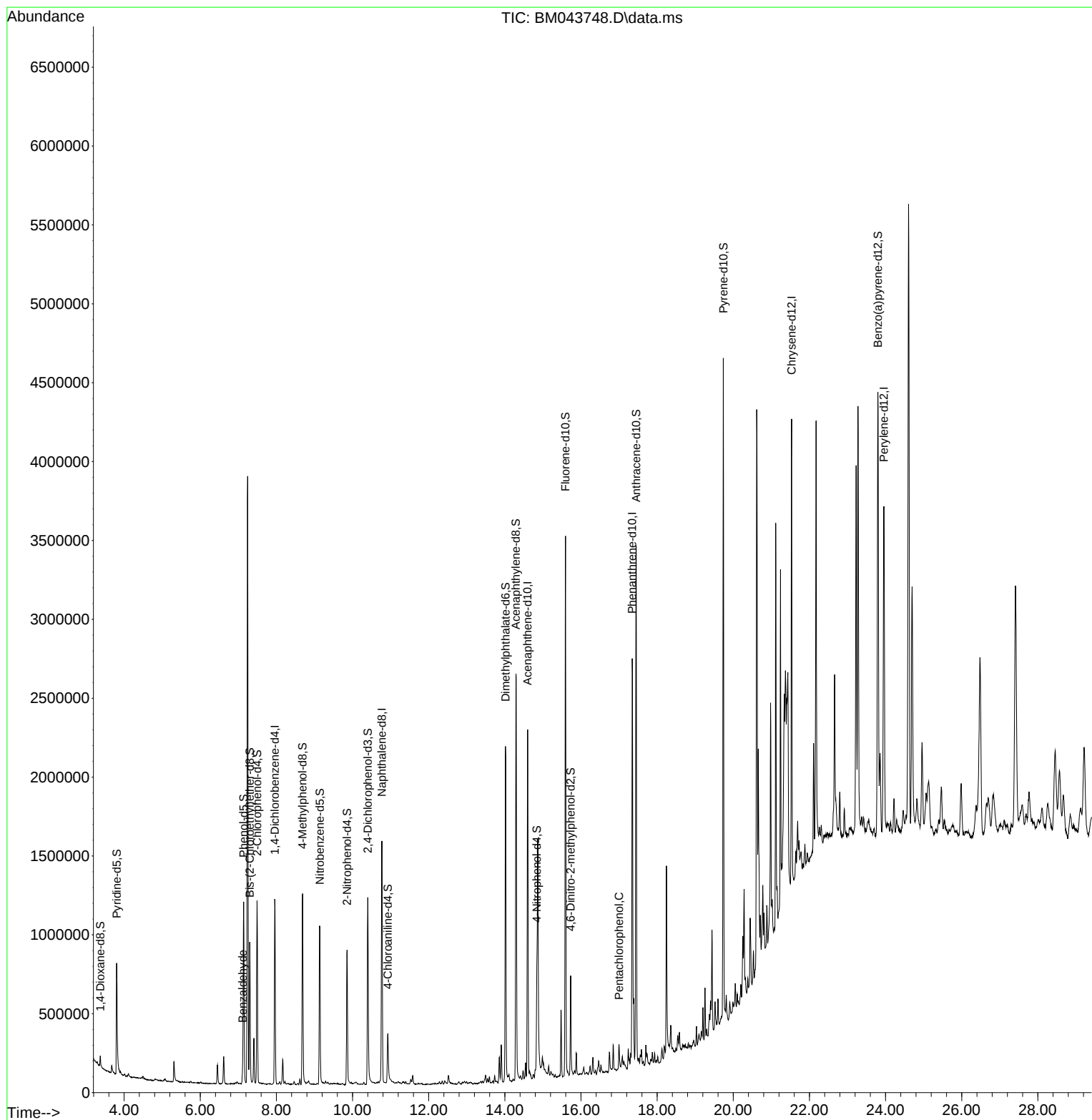
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010224\  
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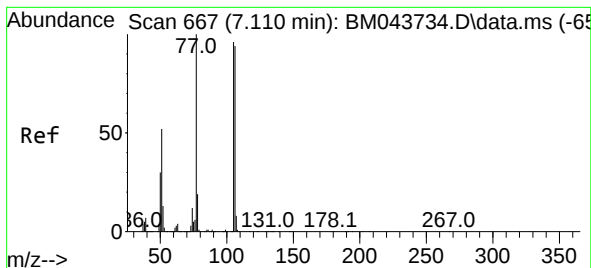
Instrument :  
BNA\_M  
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#6

Benzaldehyde

Concen: 1.753 ng/ul

RT: 7.110 min Scan# 6

Delta R.T. 0.006 min

Lab File: BM043748.D

Acq: 04 Jan 2024 00:09

Instrument :

BNA\_M

ClientSampleId :

GCF68

Tgt Ion: 77 Resp: 2980

Ion Ratio Lower Upper

77 100

105 98.5 73.4 110.0

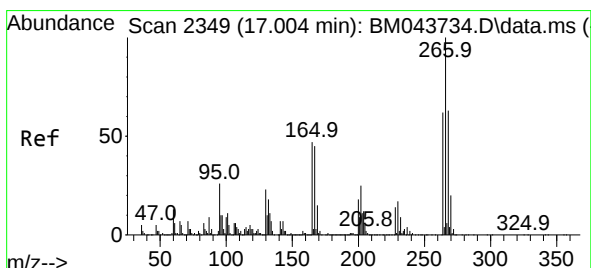
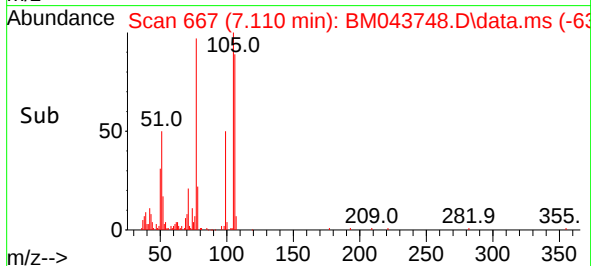
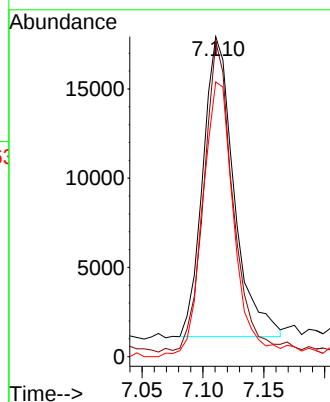
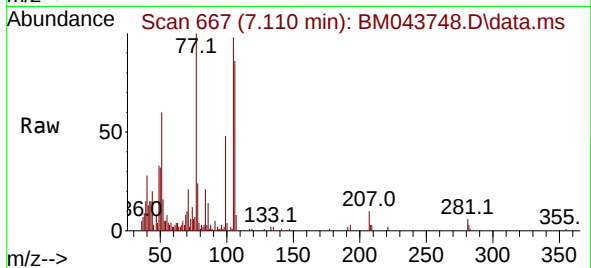
106 85.8 71.4 107.0

Manual Integrations

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#71

Pentachlorophenol

Concen: 2.765 ng/ul m

RT: 16.998 min Scan# 2348

Delta R.T. 0.018 min

Lab File: BM043748.D

Acq: 04 Jan 2024 00:09

Tgt Ion:266 Resp: 35527

Ion Ratio Lower Upper

266 100

264 62.2 49.9 74.9

268 66.2 51.0 76.6

