

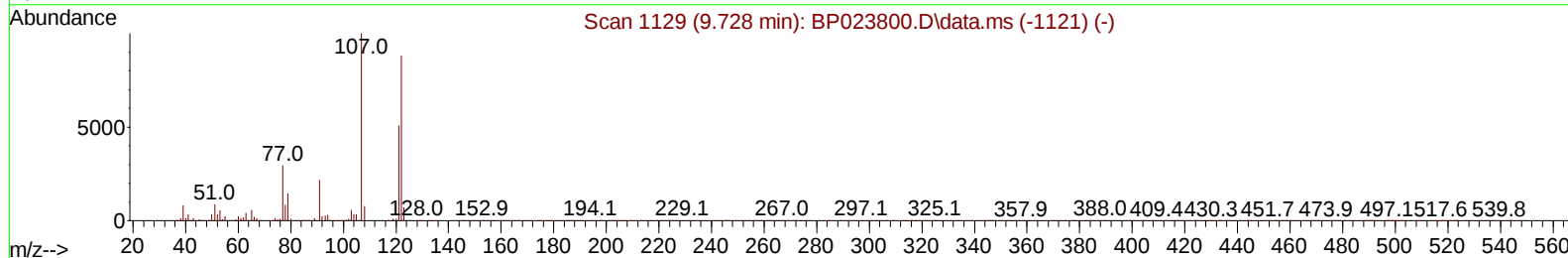
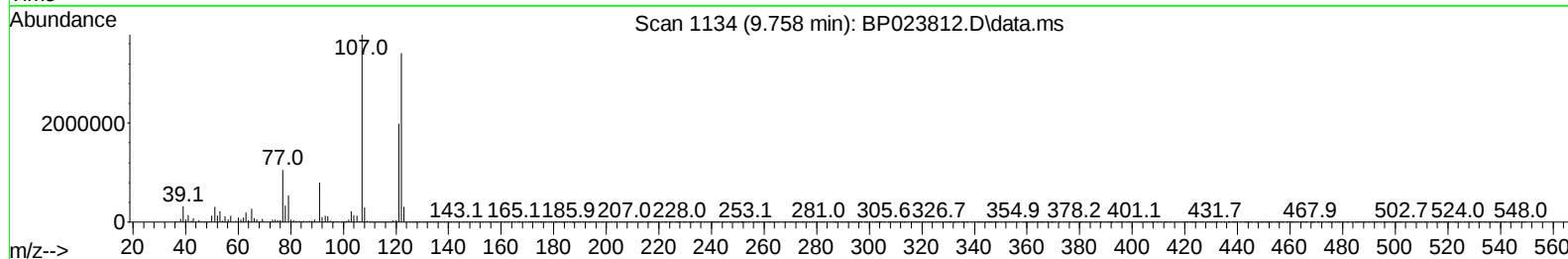
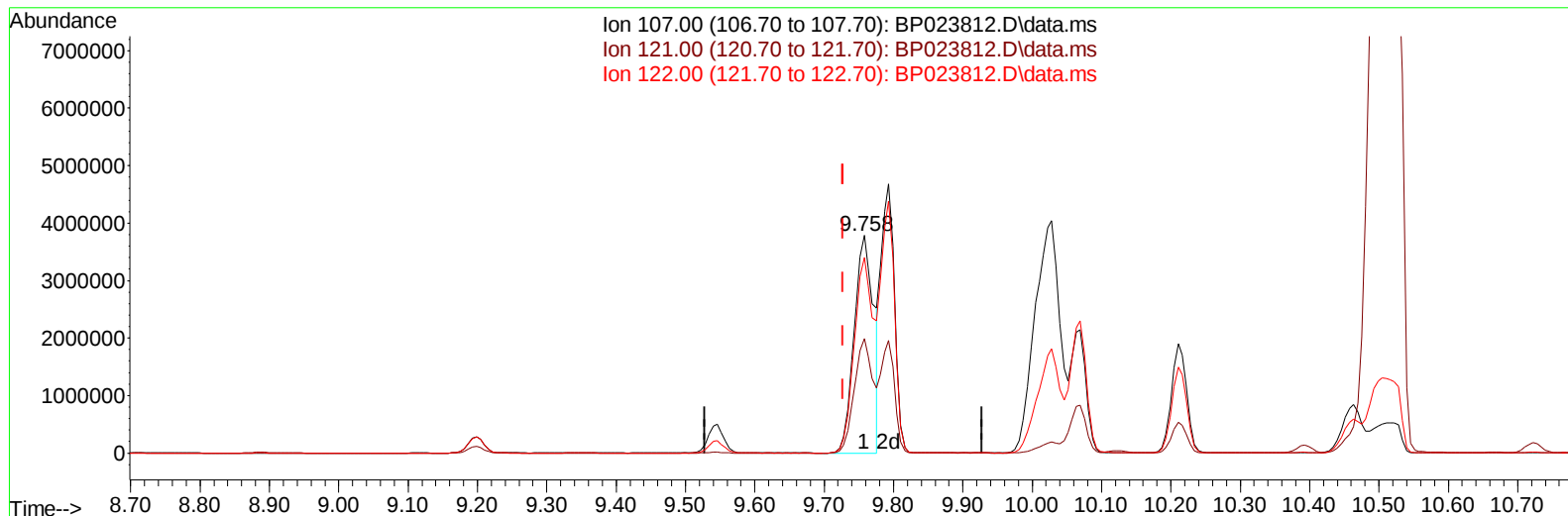
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP013025\  
Data File : BP023812.D  
Acq On : 31 Jan 2025 00:31  
Operator : RC/JU  
Sample : Q1197-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
E2964

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025  
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 08:15:57 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP012925.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 31 08:09:38 2025  
Response via : Initial Calibration



TIC: BP023812.D\data.ms

## (26) 2,4-Dimethylphenol

9.758min (+ 0.030) 205.06 ng/u1

response 7355603

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 107.00 | 100.00 | 100.00 |
| 121.00 | 51.80  | 52.50  |
| 122.00 | 89.40  | 90.02  |
| 0.00   | 0.00   | 0.00   |

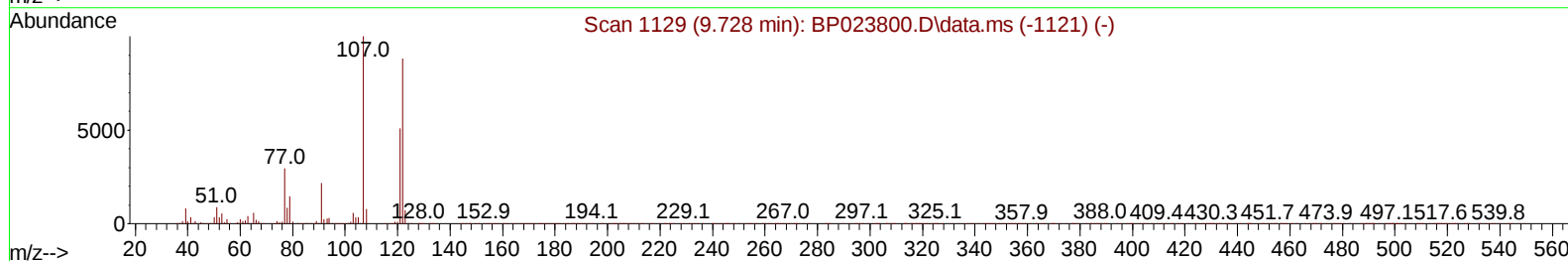
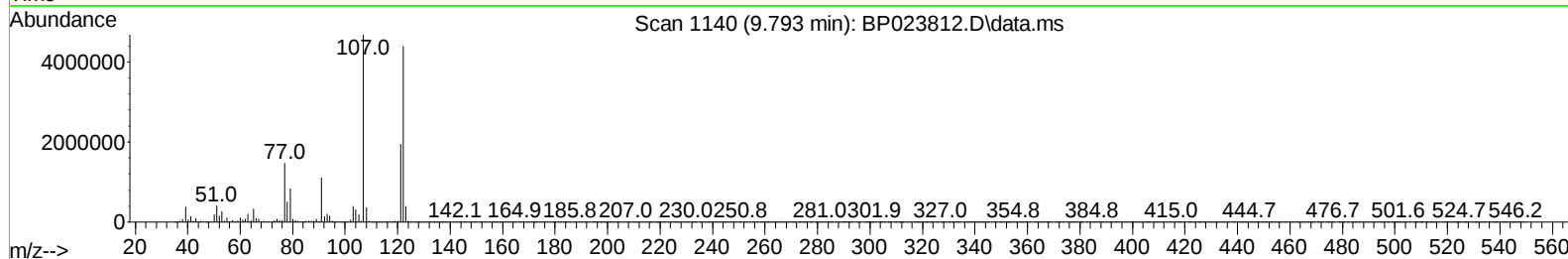
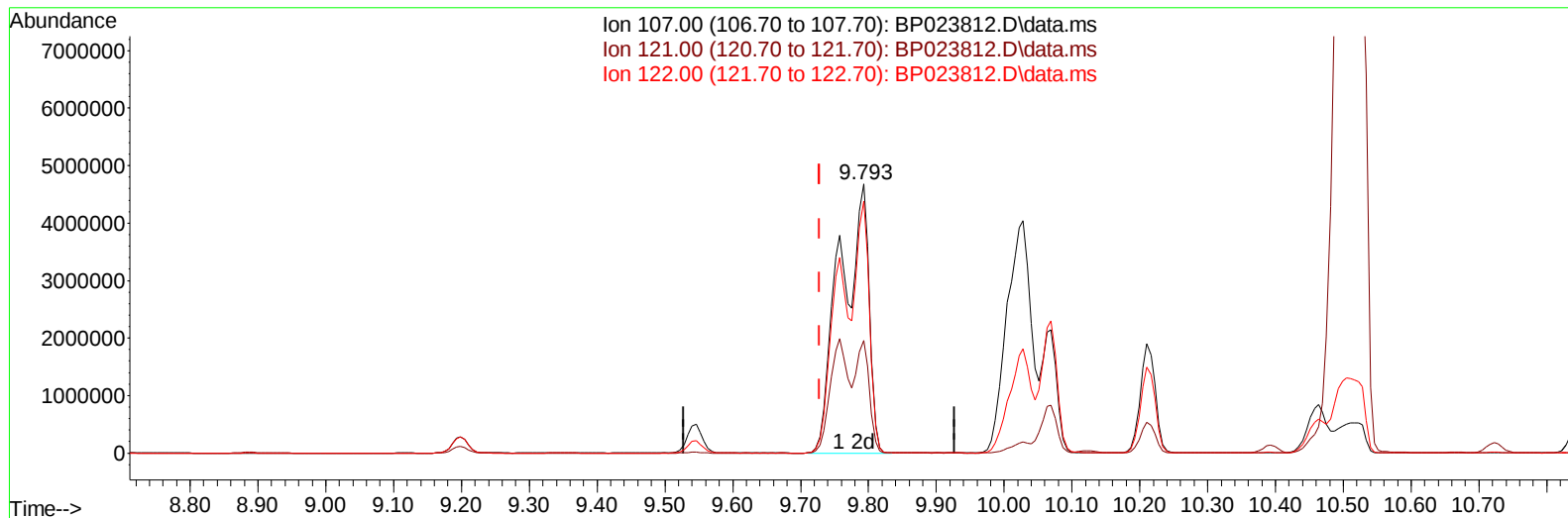
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## (26) 2,4-Dimethylphenol

9.793min (+ 0.065) 381.89 ng/ul m

response 13698624

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 107.00 | 100.00 | 100.00 |
| 121.00 | 51.80  | 41.75  |
| 122.00 | 89.40  | 93.79  |
| 0.00   | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

Quant Time: Jan 31 08:32:29 2025  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 31 08:09:38 2025  
 Response via : Initial Calibration

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| Compound                      | R.T.   | QIon | Response  | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|---------|--------|----------|
| -----                         |        |      |           |         |        |          |
| Internal Standards            |        |      |           |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 561425    | 20.000  | ng/ul  | 0.02     |
| 20) Naphthalene-d8            | 10.563 | 136  | 2058196   | 20.000  | ng/ul  | 0.02     |
| 38) Acenaphthene-d10          | 14.404 | 164  | 1602512   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.210 | 188  | 2877370   | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.645 | 240  | 3118937   | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 25.033 | 264  | 3383911   | 20.000  | ng/ul  | 0.01     |
| System Monitoring Compounds   |        |      |           |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.299  | 96   | 81621     | 6.040   | ng/uL  | 0.01     |
| 4) Pyridine-d5                | 3.723  | 84   | 425104    | 10.903  | ng/ul  | 0.03     |
| 7) Phenol-d5                  | 6.975  | 99   | 607160    | 12.220  | ng/ul  | 0.03     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.122  | 67   | 953987    | 36.275  | ng/ul  | 0.02     |
| 11) 2-Chlorophenol-d4         | 7.328  | 132  | 1392124   | 35.681  | ng/ul  | 0.02     |
| 15) 4-Methylphenol-d8         | 8.499  | 113  | 1024479   | 25.242  | ng/ul  | 0.03     |
| 21) Nitrobenzene-d5           | 8.934  | 128  | 709277    | 43.073  | ng/ul  | 0.02     |
| 24) 2-Nitrophenol-d4          | 9.646  | 143  | 749400    | 42.177  | ng/ul  | 0.02     |
| 28) 2,4-Dichlorophenol-d3     | 10.193 | 165  | 1453065   | 44.578  | ng/ul  | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.722 | 131  | 1278557   | 26.228  | ng/ul  | 0.04     |
| 46) Dimethylphthalate-d6      | 13.822 | 166  | 3871990   | 32.393  | ng/ul  | 0.02     |
| 49) Acenaphthylene-d8         | 14.093 | 160  | 4896615   | 36.321  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.640 | 143  | 299170    | 12.603  | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.410 | 176  | 3660760   | 36.367  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.534 | 200  | 692416    | 39.007  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.310 | 188  | 5741599   | 40.640  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.675 | 212  | 6675509   | 39.945  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.804 | 264  | 7316456   | 41.440  | ng/ul  | 0.02     |
| Target Compounds              |        |      |           |         |        |          |
|                               |        |      |           |         | Qvalue |          |
| 8) Phenol                     | 7.011  | 94   | 14192507  | 278.192 | ng/ul  | 96       |
| 13) 2-Methylphenol            | 8.240  | 108  | 175136    | 4.562   | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.563  | 108  | 2977809   | 69.918  | ng/ul  | 97       |
| 26) 2,4-Dimethylphenol        | 9.793  | 107  | 13698624m | 381.889 | ng/ul  |          |
| 30) Naphthalene               | 10.610 | 128  | 1890440   | 17.159  | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.228 | 142  | 214622    | 2.771   | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.446 | 142  | 188633    | 2.455   | ng/ul# | 98       |
| 59) Diethylphthalate          | 15.263 | 149  | 659035    | 5.531   | ng/ul# | 79       |
| 77) Carbazole                 | 17.616 | 167  | 493229    | 3.436   | ng/ul# | 82       |
| -----                         |        |      |           |         |        |          |

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

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