

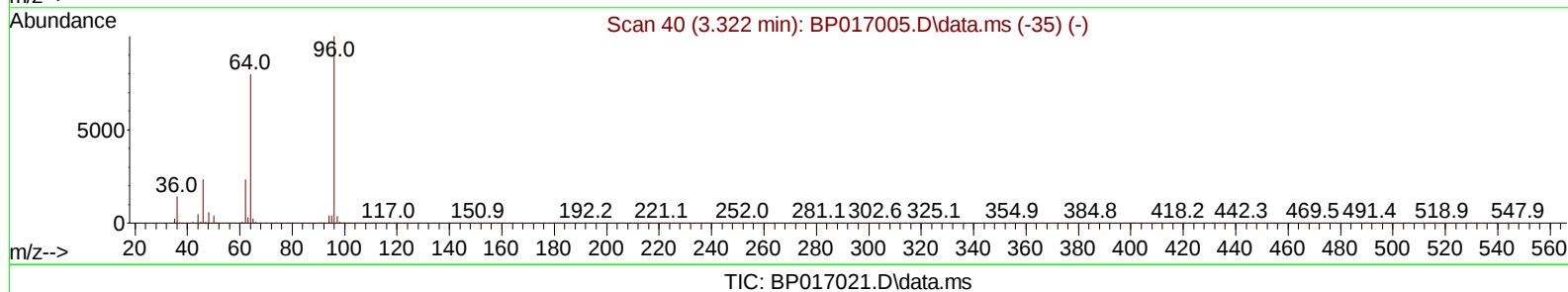
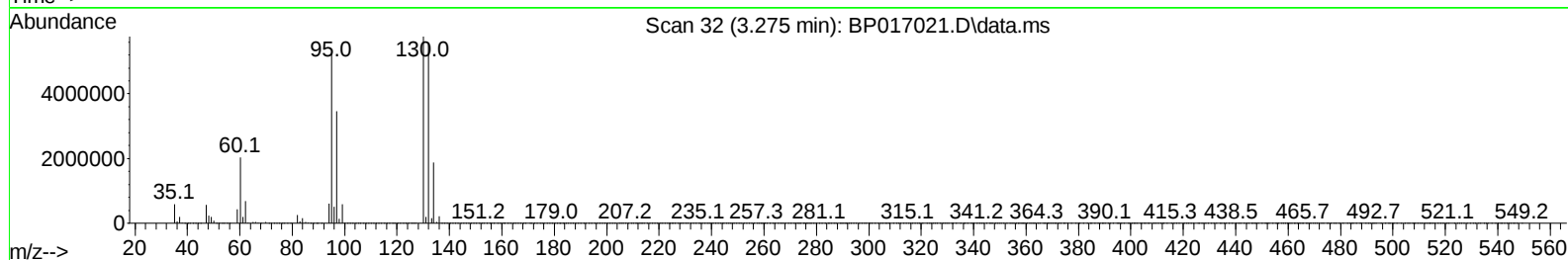
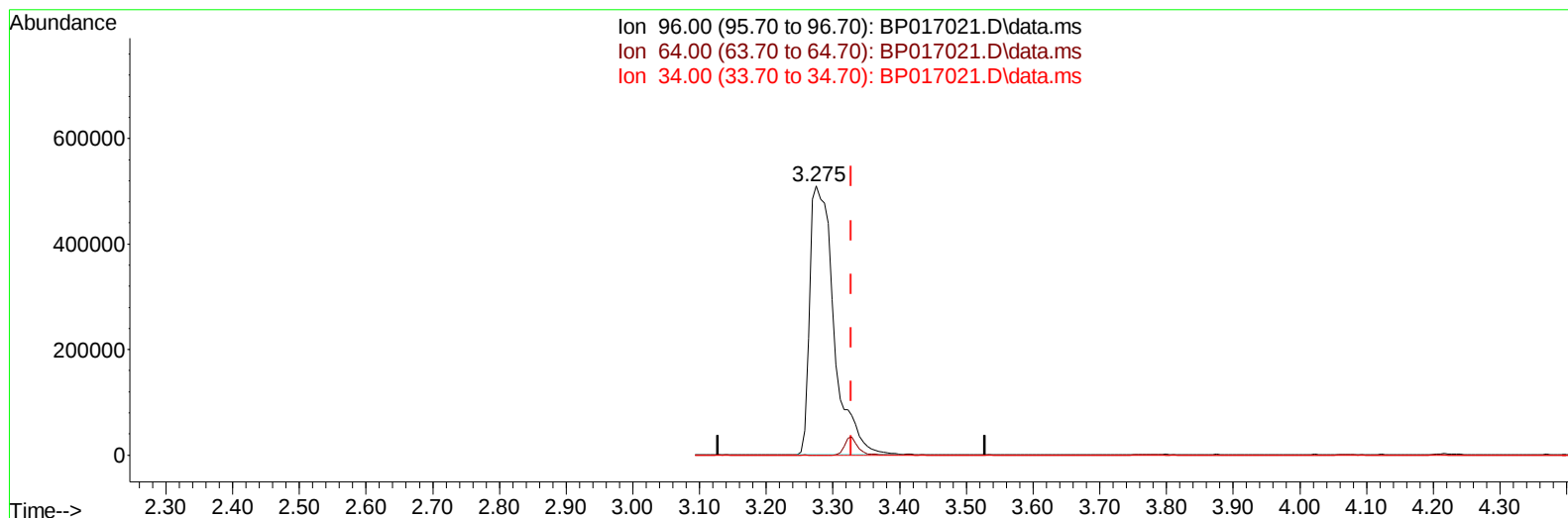
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP090823\  
Data File : BP017021.D  
Acq On : 08 Sep 2023 20:15  
Operator : MA/JU  
Sample : 04153-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BH461

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/09/2023  
Supervised By :mohammad ahmed 09/10/2023

Quant Time: Sep 09 01:25:57 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP090523.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 06 01:52:05 2023  
Response via : Initial Calibration

**(3) 1,4-Dioxane-d8 (S)**

**3.275min (-0.053) 132.33 ng/uL**

**response 1289669**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 74.60  | 0.00#  |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

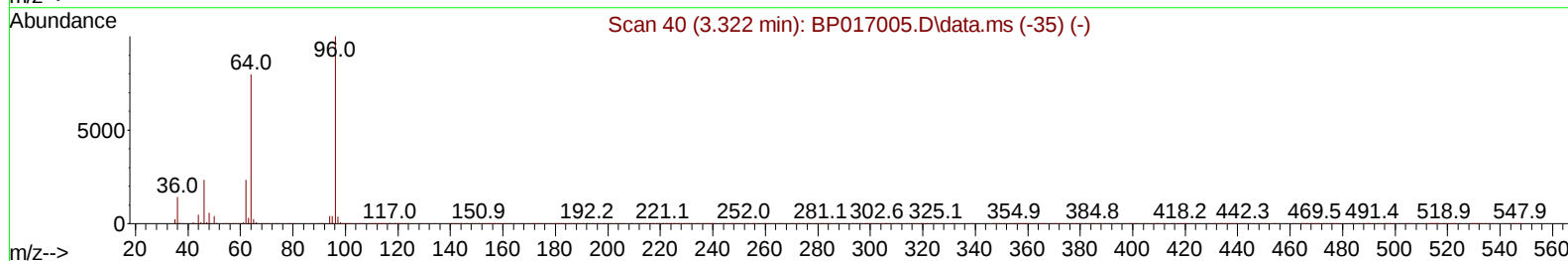
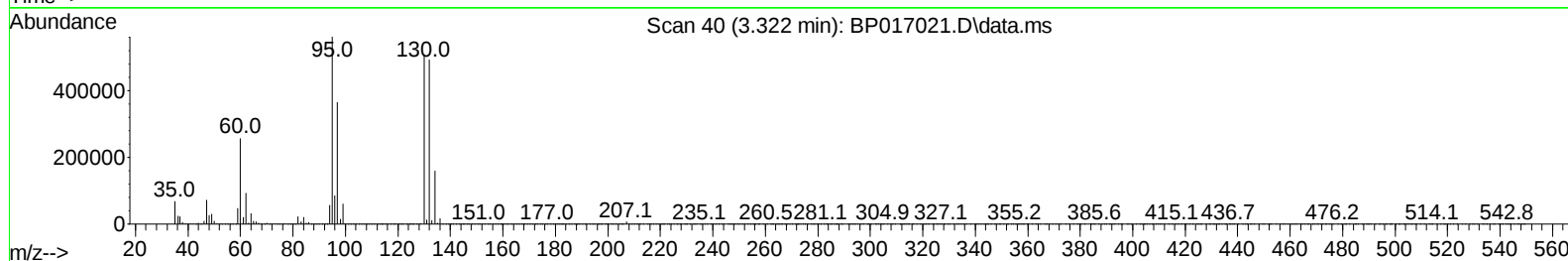
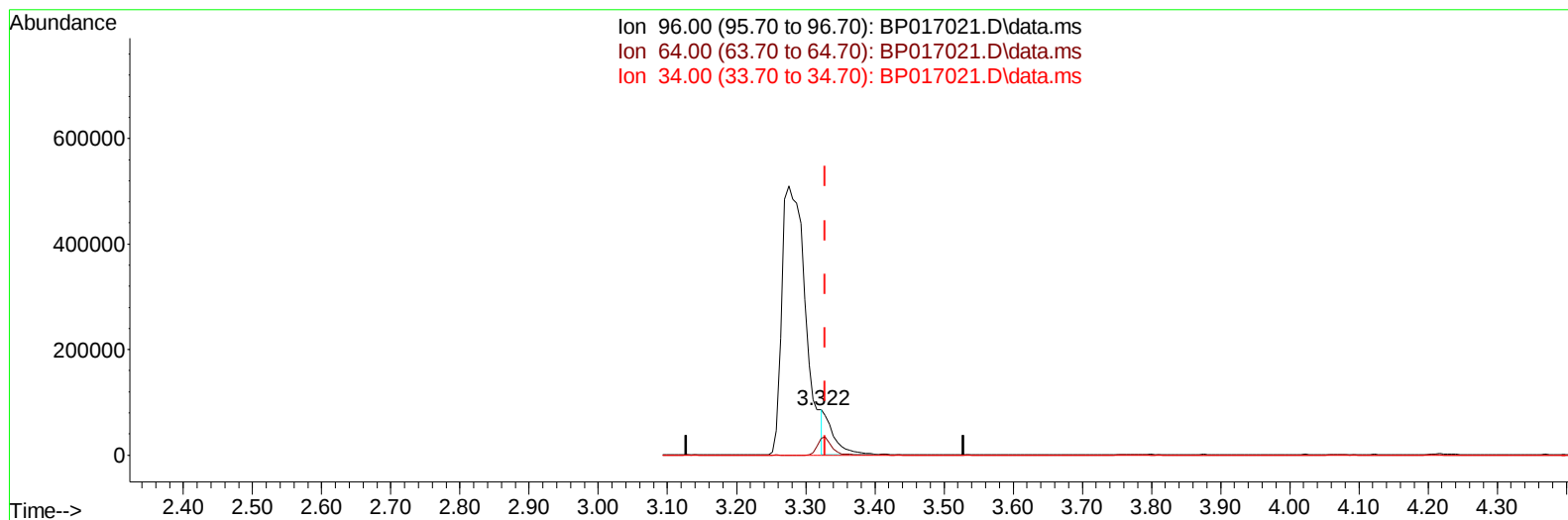
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TIC: BP017021.D\data.ms

**(3) 1,4-Dioxane-d8 (S)**

**3.322min (-0.006) 8.76 ng/uL m**

**response 85390**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 64.00 | 74.60  | 37.19# |
| 34.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Reviewed By :Yogesh Patel 09/09/2023  
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Quant Time: Sep 09 01:26:27 2023  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 06 01:52:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.975  | 152  | 368633   | 20.000 | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.804 | 136  | 1572768  | 20.000 | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.634 | 164  | 940895   | 20.000 | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.398 | 188  | 1953110  | 20.000 | ng/ul | -0.01    |
| 79) Chrysene-d12              | 21.492 | 240  | 1457298  | 20.000 | ng/ul | #-0.02   |
| 88) Perylene-d12              | 24.027 | 264  | 1381947  | 20.000 | ng/ul | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 3) 1,4-Dioxane-d8             | 3.322  | 96   | 85390m   | 8.762  | ng/uL | 0.00     |
| 4) Pyridine-d5                | 3.763  | 84   | 501635   | 18.014 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 7.122  | 99   | 432863   | 12.853 | ng/ul | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.316  | 67   | 892224   | 42.354 | ng/ul | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.493  | 132  | 859498   | 35.262 | ng/ul | -0.01    |
| 15) 4-Methylphenol-d8         | 8.681  | 113  | 664206   | 25.888 | ng/ul | -0.01    |
| 21) Nitrobenzene-d5           | 9.175  | 128  | 506793   | 41.535 | ng/ul | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.887  | 143  | 525732   | 39.748 | ng/ul | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.410 | 165  | 893977   | 36.610 | ng/ul | -0.01    |
| 31) 4-Chloroaniline-d4        | 10.963 | 131  | 1261705  | 35.813 | ng/ul | 0.00     |
| 46) Dimethylphthalate-d6      | 14.045 | 166  | 3064482  | 43.755 | ng/ul | 0.00     |
| 49) Acenaphthylene-d8         | 14.334 | 160  | 3351929  | 41.470 | ng/ul | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.845 | 143  | 145760   | 10.654 | ng/ul | -0.01    |
| 60) Fluorene-d10              | 15.628 | 176  | 2560127  | 42.693 | ng/ul | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.751 | 200  | 408065   | 34.718 | ng/ul | -0.01    |
| 73) Anthracene-d10            | 17.498 | 188  | 4005715  | 44.659 | ng/ul | -0.01    |
| 81) Pyrene-d10                | 19.733 | 212  | 4368000  | 49.209 | ng/ul | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.862 | 264  | 3265088  | 46.572 | ng/ul | -0.02    |

Target Compounds Qvalue

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

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